

Programm L A M O S 9 9 Version 1.08 vom 29.09.02

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H

DEMAG Mobile Cranes

O U T R I G G E R - L O A D I N G S

(Variance = +-10%)

PSI= 1.00

Crane : *** AC 200-1 *** mit HKHI fuer GA und MS

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Outrigger width   = 18.7 ft      Outrigger length = 27.7 ft
Outrigger "A"    X = 12.0 ft      Outrigger "A"    Y =  9.4 ft
Outrigger "B"    X = 12.0 ft      Outrigger "B"    Y = -9.4 ft
Outrigger "C"    X = -15.7 ft     Outrigger "C"    Y =  9.4 ft
Outrigger "D"    X = -15.7 ft     Outrigger "D"    Y = -9.4 ft
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Main boom and fixed jib (jib angle 0.0 degrees)

Length of main boom = 40.7 ft Length of jib = 29.5 ft

Main boom sequence = 0-0-0-0-0-0 % LK = 1

Counterweight = 75.8 kip

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Radius Cap.      Outrigger Loadin[kip]      (Pos.[Degrees])      0-360 Degr.
[ft] [kip]        1( 0)      2(...)      3( 90)
                  4(...)      5(180)      6(...)
      A B C D      A B C D      A B C D
9.8 39.7 48 48 74 74      34 76 51 83( 59) 38 87 41 78
      52 91 36 65(128) 77 77 45 45      91 52 65 36(232)
11.5 39.7 50 50 73 73      37 75 52 81( 59) 41 84 43 76
      53 88 39 65(128) 76 76 47 47      88 53 65 39(232)
13.1 39.7 51 51 71 71      40 73 53 78( 59) 44 82 45 74
      55 85 41 64(128) 74 74 49 49      85 55 64 41(232)
14.8 39.7 53 53 69 69      44 72 54 75( 59) 46 79 47 72
      56 81 44 63(128) 72 72 50 50      81 56 63 44(232)
16.4 39.7 54 54 68 68      47 70 55 73( 59) 49 76 49 70
      57 78 47 63(128) 71 71 52 52      78 57 63 47(232)
19.7 39.7 58 58 65 65      53 67 57 67( 59) 55 71 54 66
      59 72 52 62(128) 67 67 55 55      72 59 62 52(232)
23.0 39.7 61 61 61 61      60 64 59 62( 59) 60 65 58 62
      62 65 57 60(127) 64 64 58 58      65 62 60 57(232)
26.2 38.6 63 63 58 58      65 61 60 58( 59) 64 60 61 58
      63 60 62 59(127) 61 61 61 61      60 63 59 62(232)
29.5 35.3 64 64 56 56      67 59 60 54( 59) 66 57 62 55
      63 56 63 58(128) 59 59 62 62      56 63 58 63(232)
32.8 31.7 64 64 54 54      67 57 60 52( 59) 67 54 63 53
      63 53 64 57(128) 57 57 62 62      53 63 57 64(232)
39.4 27.1 65 65 51 51      71 53 61 47( 59) 69 49 65 49
      69 49 65 49( 90) 53 53 63 63      49 69 49 65(270)
45.9 23.4 66 66 48 48      69 63 50 46( 12) 71 45 67 46
      71 45 67 46( 90) 50 50 64 64      45 71 46 67(270)
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52.5 20.7 67 67 45 45 73 60 52 41(24) 74 40 69 43
 73 39 70 44(96) 47 47 66 66 39 73 44 70(263)
 59.1 18.1 68 68 43 43 76 57 52 37(29) 76 37 70 40
 74 35 72 42(100) 45 45 67 67 35 74 43 72(259)

 HA= 40.7 HI= 29.5 GGW= 75.8 SL= 0.0 MAX(A,B,C,D)= 8.4 8.4 6.9 7.7

Main boom and fixed jib (jib angle 0.0 degrees)
 Length of main boom = 54.5 ft Length of jib = 29.5 ft
 Main boom sequence = 0-0-0-0-45 % LK = 7
 Counterweight = 75.8 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
		1(0)		2(...)		3(90)		6(...)						
		A	B	C	D	A	B	C	D		A	B	C	D
9.8	39.7	48	48	75	75	34	77	51	84(59)	37	88	41	79	
		52	91	35	66(128)	78	78	45	45	91	52	66	35(232)	
11.5	39.7	49	49	73	73	37	75	52	81(59)	40	85	43	77	
		53	88	38	65(128)	76	76	47	47	88	53	65	38(232)	
13.1	39.7	51	51	71	71	40	73	53	79(59)	43	82	45	75	
		54	85	41	64(128)	74	74	48	48	85	54	64	41(232)	
14.8	39.7	52	52	70	70	43	72	54	76(59)	46	80	47	73	
		56	82	43	64(128)	73	73	50	50	82	56	64	43(232)	
16.4	39.7	54	54	68	68	46	71	55	73(59)	48	77	49	71	
		57	79	46	63(128)	71	71	51	51	79	57	63	46(232)	
19.7	39.7	57	57	65	65	52	67	57	68(59)	54	71	53	67	
		59	73	51	62(128)	68	68	54	54	73	59	62	51(232)	
23.0	39.7	61	61	62	62	59	65	59	63(59)	59	66	57	62	
		61	67	56	61(128)	65	65	58	58	67	61	61	56(232)	
26.2	39.7	64	64	59	59	65	62	60	58(59)	65	61	61	58	
		63	60	62	59(127)	62	62	61	61	60	63	59	62(232)	
29.5	39.7	67	67	55	55	71	59	62	53(59)	70	55	65	54	
		66	54	67	58(128)	58	58	64	64	54	66	58	67(232)	
32.8	37.3	68	68	53	53	74	56	63	49(59)	72	52	67	51	
		72	52	67	51(90)	56	56	65	65	52	72	51	67(270)	
39.4	32.2	69	69	49	49	73	65	53	47(16)	75	46	69	47	
		75	46	69	47(90)	52	52	67	67	46	75	47	69(270)	
45.9	27.8	70	70	47	47	76	61	53	42(25)	77	41	71	44	
		76	40	72	45(97)	49	49	68	68	40	75	45	72(262)	
52.5	24.9	71	71	44	44	81	58	54	37(32)	80	37	73	40	
		77	34	76	43(103)	45	45	69	69	34	76	44	76(256)	
59.1	22.0	72	72	41	41	84	56	55	33(35)	82	33	75	37	
		77	30	78	42(106)	43	43	71	71	30	77	42	78(253)	
65.6	20.1	74	74	39	39	87	53	56	30(38)	85	29	77	34	
		78	26	81	41(108)	41	41	72	72	25	78	41	81(251)	
72.2	18.1	75	75	37	37	90	51	56	26(40)	87	26	78	32	
		79	22	83	39(110)	38	38	73	73	22	78	40	83(249)	

 HA= 54.5 HI= 29.5 GGW= 75.8 SL= 0.0 MAX(A,B,C,D)= 8.5 8.5 7.7 7.8

Main boom and fixed jib (jib angle 0.0 degrees)
 Length of main boom = 68.6 ft Length of jib = 29.5 ft
 Main boom sequence = 0-0-0-0-90 % LK = 13

Counterweight = 75.8 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]								(Pos.[Degrees])				0-360 Degr.	
		1(0)		2(...)		3(90)		4(...)		5(180)		6(...)			
		A	B	C	D	A	B	C	D	A	B	C	D		
13.1	39.7	51	51	72	72	39	74	53	79	(59)	43	83	45	75	
		54	86	40	64	(128)	75	75	48	48	86	54	64	40	(232)
14.8	39.7	52	52	70	70	42	72	54	77	(59)	45	80	47	73	
		55	83	43	64	(128)	73	73	49	49	83	55	64	43	(232)
16.4	39.7	54	54	69	69	45	71	55	74	(59)	48	77	49	71	
		56	80	45	63	(128)	71	71	51	51	80	56	63	45	(232)
19.7	39.7	57	57	65	65	52	68	56	69	(59)	53	72	52	67	
		59	74	51	62	(128)	68	68	54	54	74	59	62	51	(232)
23.0	39.7	60	60	62	62	58	65	58	64	(59)	58	67	57	63	
		61	67	56	61	(128)	65	65	57	57	67	61	61	56	(232)
26.2	38.4	62	62	59	59	62	62	60	59	(59)	62	62	60	59	
		62	62	60	60	(127)	62	62	60	60	62	62	60	60	(232)
29.5	35.7	63	63	57	57	65	60	60	56	(59)	64	59	61	57	
		63	58	62	58	(128)	60	60	61	61	58	63	58	62	(232)
32.8	33.1	64	64	55	55	67	58	60	53	(59)	66	56	62	54	
		63	55	63	57	(128)	58	58	62	62	55	63	57	63	(232)
39.4	29.1	65	65	52	52	71	54	61	48	(59)	69	50	65	50	
		69	50	65	50	(90)	54	54	63	63	50	69	50	65	(270)
45.9	25.6	67	67	49	49	69	64	51	47	(11)	72	45	67	47	
		72	45	67	47	(90)	51	51	65	65	45	72	47	67	(270)
52.5	22.3	67	67	47	47	72	61	51	43	(21)	74	42	68	44	
		73	41	69	44	(93)	48	48	65	65	41	73	45	69	(266)
59.1	20.3	69	69	44	44	77	58	52	38	(28)	77	37	71	41	
		74	36	72	43	(100)	45	45	67	67	35	74	43	73	(259)
65.6	18.5	70	70	42	42	80	56	53	34	(33)	79	34	73	38	
		75	31	75	41	(104)	43	43	69	69	31	75	42	76	(255)
72.2	16.8	71	71	40	40	83	53	54	31	(36)	82	31	74	35	
		76	27	78	41	(107)	41	41	70	70	27	76	41	78	(252)
78.7	15.7	73	73	37	37	87	51	55	27	(39)	85	27	77	33	
		77	23	81	39	(109)	39	39	72	72	23	77	40	81	(250)
85.3	14.3	74	74	35	35	90	50	55	25	(40)	87	24	78	30	
		78	19	83	39	(111)	37	37	73	73	19	77	39	83	(248)

HA= 68.6 HI= 29.5 GGW= 75.8 SL= 0.0 MAX(A,B,C,D)= 8.3 8.0 7.7 7.7

Main boom and fixed jib (jib angle 0.0 degrees)

Length of main boom = 70.2 ft Length of jib = 29.5 ft

Main boom sequence = 0-0-0-0-0-100 % LK = 14

Counterweight = 75.8 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]								(Pos.[Degrees])				0-360 Degr.	
		1(0)		2(...)		3(90)		4(...)		5(180)		6(...)			
		A	B	C	D	A	B	C	D	A	B	C	D		
13.1	39.7	51	51	72	72	39	74	53	79	(59)	43	83	45	75	
		54	86	40	65	(128)	75	75	48	48	86	54	65	40	(232)
14.8	39.7	52	52	70	70	42	72	54	77	(59)	45	80	47	73	
		55	83	43	64	(128)	73	73	49	49	83	55	64	43	(232)

16.4	39.7	54	54	69	69	45	71	55	74(59)	48	77	49	71
		56	80	45	63(128)	71	71	51	51	80	56	63	45(232)
19.7	39.7	57	57	65	65	52	68	56	69(59)	53	72	52	67
		59	74	50	62(128)	68	68	54	54	74	59	62	50(232)
23.0	38.1	59	59	63	63	56	65	58	65(59)	57	67	55	63
		60	68	54	61(128)	65	65	56	56	68	60	61	54(232)
26.2	35.3	60	60	60	60	59	63	58	61(59)	59	64	57	61
		60	64	56	60(127)	63	63	57	57	64	60	59	56(232)
29.5	32.4	60	60	58	58	60	61	58	58(59)	60	61	58	58
		60	61	58	58(127)	61	61	58	58	61	60	58	58(232)
32.8	29.8	61	61	56	56	62	59	58	56(59)	62	58	59	56
		61	58	59	57(127)	59	59	59	59	58	61	57	59(232)
39.4	25.8	62	62	53	53	65	56	59	51(59)	64	53	61	52
		61	52	62	55(128)	55	55	60	60	52	61	55	62(232)
45.9	22.7	63	63	50	50	69	53	59	47(59)	67	49	63	49
		67	49	63	49(90)	52	52	62	62	49	67	49	63(270)
52.5	19.6	64	64	49	49	64	64	49	48(1)	69	45	64	47
		69	45	64	47(90)	50	50	62	62	45	69	47	64(270)
59.1	17.9	65	65	46	46	70	60	50	43(18)	71	41	67	43
		71	41	67	44(91)	47	47	64	64	41	71	44	67(268)
65.6	16.3	67	67	44	44	74	58	51	39(26)	74	38	69	41
		73	36	70	42(98)	45	45	66	66	36	72	43	70(261)
72.2	14.6	68	68	42	42	76	56	52	36(30)	76	35	70	39
		73	33	72	41(101)	43	43	66	66	33	73	42	72(258)
78.7	13.7	69	69	40	40	80	54	52	32(34)	79	31	72	36
		75	28	75	40(105)	41	41	68	68	28	74	41	76(254)
85.3	12.6	71	71	38	38	83	52	53	29(37)	81	28	74	34
		75	25	78	39(108)	39	39	70	70	25	75	40	78(251)

 HA= 70.2 HI= 29.5 GGW= 75.8 SL= 0.0 MAX(A,B,C,D)= 8.0 8.0 7.3 7.4

Main boom and fixed jib (jib angle 0.0 degrees)

Length of main boom = 82.3 ft Length of jib = 29.5 ft

Main boom sequence = 0-0-0-0-45-90 % LK = 20

Counterweight = 75.8 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
	1(0)		2(...)		3(90)		6(...)						
	A	B	C	D	A	B	C	D					
16.4	39.7	54	54	69	69	45	71	55	74(59)	48	77	49	71
		56	80	45	63(128)	71	71	51	51	80	56	63	45(232)
19.7	39.7	57	57	65	65	52	68	56	69(59)	53	72	52	67
		59	74	50	62(128)	68	68	54	54	74	59	62	50(232)
23.0	39.7	60	60	62	62	58	65	58	64(59)	58	67	57	63
		61	67	56	61(128)	65	65	57	57	67	61	61	56(232)
26.2	39.7	63	63	59	59	64	62	60	59(59)	64	62	61	59
		63	61	61	60(127)	62	62	60	60	61	63	60	61(232)
29.5	38.6	65	65	56	56	69	59	62	54(59)	68	57	64	55
		65	56	65	58(128)	59	59	63	63	56	65	58	65(232)
32.8	36.2	67	67	54	54	71	57	62	51(59)	70	53	65	53
		65	52	67	57(128)	57	57	64	64	52	65	57	67(232)
39.4	31.3	68	68	51	51	69	66	52	50(6)	73	48	67	49
		73	48	67	49(90)	53	53	65	65	48	73	49	67(270)

45.9	28.0	69	69	47	47	75	62	53	43(22)	76	43	70	45
		75	42	71	45(95)	49	49	67	67	42	75	46	71(264)
52.5	25.1	71	71	45	45	79	59	54	38(30)	79	38	72	41
		76	36	74	44(101)	46	46	69	69	36	76	44	74(258)
59.1	22.5	72	72	42	42	82	56	54	35(34)	81	34	74	38
		77	32	77	42(105)	44	44	70	70	31	77	43	77(254)
65.6	20.5	73	73	40	40	86	54	55	31(37)	84	30	76	35
		78	27	80	41(108)	41	41	71	71	27	77	42	80(251)
72.2	19.0	75	75	37	37	90	51	56	27(40)	87	27	78	32
		79	22	83	40(110)	39	39	73	73	22	78	40	83(249)
78.7	17.4	76	76	35	35	93	49	57	24(41)	89	23	80	30
		79	19	86	39(112)	37	37	75	75	18	79	39	86(247)
85.3	16.1	77	77	34	34	96	47	58	21(43)	91	20	82	28
		80	15	88	38(113)	35	35	76	76	15	80	38	88(246)
91.9	15.2	79	79	31	31	99	48	56	17(41)	95	17	84	25
		82	10	91	37(114)	32	32	78	78	10	81	37	91(245)
98.4	13.7	79	79	30	30	100	46	57	16(42)	95	15	85	23
		85	9	91	34(110)	31	31	78	78	9	84	34	91(249)

HA= 82.3 HI= 29.5 GGW= 75.8 SL= 0.0 MAX(A,B,C,D)= 9.3 7.8 8.5 8.5

Main boom and fixed jib (jib angle 0.0 degrees)

Length of main boom = 84.0 ft Length of jib = 29.5 ft

Main boom sequence = 0-0-0-0-45-100 % LK = 21

Counterweight = 75.8 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
	1(0)		2(...)		3(90)		6(...)						
	A	B	C	D	A	B	C	D	A	B	C	D	
16.4	39.7	54	54	69	69	45	71	55	74(59)	48	77	49	71
		56	80	45	63(128)	71	71	51	51	80	56	63	45(232)
19.7	39.7	57	57	65	65	52	68	56	69(59)	53	72	52	67
		59	74	50	62(128)	68	68	54	54	74	59	62	50(232)
23.0	39.7	60	60	62	62	58	65	58	64(59)	58	67	56	63
		61	67	56	61(128)	65	65	57	57	67	61	61	56(232)
26.2	36.8	61	61	60	60	60	62	59	60(59)	61	63	58	60
		61	63	58	60(127)	63	63	58	58	63	61	60	58(232)
29.5	34.4	62	62	58	58	63	60	59	57(59)	63	60	60	57
		62	59	60	58(127)	60	60	60	60	59	62	58	60(232)
32.8	32.2	63	63	56	56	65	58	60	54(59)	65	56	61	55
		62	56	62	57(128)	58	58	61	61	56	62	57	62(232)
39.4	27.8	64	64	52	52	69	55	60	49(59)	67	51	63	51
		63	50	65	55(128)	54	54	62	62	50	63	55	65(232)
45.9	24.7	65	65	49	49	66	65	50	49(3)	70	46	66	47
		70	46	66	47(90)	51	51	64	64	46	70	47	66(270)
52.5	22.3	67	67	47	47	72	61	51	43(20)	73	42	68	44
		73	42	68	44(92)	48	48	65	65	41	73	45	69(267)
59.1	19.8	68	68	45	45	75	59	52	39(26)	75	38	70	41
		74	37	71	43(98)	46	46	67	67	37	74	43	71(261)
65.6	18.1	69	69	42	42	79	56	53	35(32)	78	35	72	39
		75	32	74	42(103)	44	44	68	68	32	74	42	74(256)
72.2	16.8	71	71	40	40	83	54	54	32(35)	81	31	74	36
		76	28	77	41(106)	41	41	70	70	28	76	41	77(253)

78.7	15.2	72	72	38	38	85	52	54	29(38)	83	28	75	34
		77	24	79	40(108)	39	39	71	71	24	76	40	80(251)
85.3	14.1	73	73	36	36	89	50	55	26(40)	86	25	77	31
		78	21	82	39(110)	37	37	72	72	21	77	39	82(249)
91.9	13.2	75	75	34	34	92	48	56	22(41)	88	22	79	29
		78	17	85	38(112)	35	35	74	74	17	78	38	85(247)
98.4	12.3	76	76	32	32	95	46	57	19(43)	91	19	81	26
		80	13	88	37(113)	33	33	75	75	13	79	37	88(246)

HA= 84.0 HI= 29.5 GGW= 75.8 SL= 0.0 MAX(A,B,C,D)= 8.8 7.4 8.1 8.1

Main boom and fixed jib (jib angle 0.0 degrees)

Length of main boom = 96.5 ft Length of jib = 29.5 ft

Main boom sequence = 0-0-0-0-90-90 % LK = 28

Counterweight = 75.8 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
	1(0)		2(...)		3(90)		6(...)						
	A	B	C	D	A	B	C	D	A	B	C	D	
19.7	39.7	57	57	65	65	52	68	56	69(59)	53	72	52	67
		59	74	50	62(128)	68	68	54	54	74	59	62	50(232)
23.0	39.7	60	60	62	62	58	65	58	64(59)	58	67	57	63
		61	67	56	61(128)	65	65	57	57	67	61	61	56(232)
26.2	39.7	63	63	59	59	64	62	60	59(59)	64	62	61	59
		63	61	61	60(127)	62	62	60	60	61	63	60	61(232)
29.5	39.0	66	66	56	56	69	59	62	54(59)	68	57	64	55
		65	56	65	58(128)	59	59	63	63	56	65	58	65(232)
32.8	36.6	67	67	54	54	72	57	62	51(59)	70	53	66	52
		65	52	67	57(128)	57	57	64	64	52	65	57	67(232)
39.4	32.6	69	69	50	50	72	65	53	48(13)	75	47	69	48
		75	47	69	48(90)	52	52	67	67	47	75	48	69(270)
45.9	28.7	70	70	47	47	77	62	54	42(25)	77	42	71	44
		76	41	72	45(96)	49	49	68	68	41	76	45	72(263)
52.5	25.8	71	71	44	44	81	59	54	37(31)	80	37	73	40
		77	35	76	44(103)	46	46	69	69	35	77	44	76(256)
59.1	23.4	73	73	41	41	84	56	55	33(35)	83	33	75	37
		78	30	79	42(106)	43	43	71	71	30	78	42	79(253)
65.6	20.9	74	74	39	39	87	53	56	30(38)	85	30	77	35
		78	26	81	41(108)	41	41	72	72	26	78	41	81(251)
72.2	19.0	75	75	37	37	90	52	56	27(39)	87	27	78	32
		79	22	83	40(110)	39	39	73	73	22	78	40	83(249)
78.7	17.6	76	76	35	35	93	49	57	23(41)	90	23	80	30
		80	18	86	39(112)	37	37	75	75	18	79	39	86(247)
85.3	16.1	77	77	34	34	96	47	58	21(43)	91	20	82	28
		80	15	88	38(113)	35	35	76	76	15	80	39	88(246)
91.9	14.8	78	78	32	32	97	48	56	19(41)	93	18	83	26
		81	12	90	37(114)	33	33	77	77	12	80	38	90(245)
98.4	13.7	79	79	30	30	100	46	57	16(42)	95	15	85	24
		85	9	91	34(110)	31	31	78	78	9	84	34	91(249)
105.0	12.1	79	79	30	30	100	46	56	15(42)	95	14	85	23
		85	8	91	33(110)	31	31	78	78	8	84	34	91(249)
111.5	10.8	79	79	29	29	100	45	56	14(42)	95	13	85	22
		85	7	91	32(110)	30	30	78	78	7	84	33	91(249)

 HA= 96.5 HI= 29.5 GGW= 75.8 SL= 0.0 MAX(A,B,C,D)= 9.3 7.8 8.5 8.5

Main boom and fixed jib (jib angle 0.0 degrees)
 Length of main boom = 100.4 ft Length of jib = 29.5 ft
 Main boom sequence = 0-0-0-0-100-100 % LK = 29
 Counterweight = 75.8 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
	1(0)		2(...)		3(90)		4(180)						
	A	B	C	D	A	B	C	D		A	B	C	D
23.0	39.7	60	60	62	62	58	65	58	64(59)	58	67	56	63
		61	68	56	61(128)	65	65	57	57	68	61	61	56(232)
26.2	37.7	62	62	60	60	62	62	59	60(59)	62	63	59	60
		62	63	59	60(127)	62	62	59	59	63	62	60	59(232)
29.5	35.3	63	63	57	57	64	60	60	57(59)	64	59	61	57
		62	59	61	58(127)	60	60	60	60	59	62	58	61(232)
32.8	32.6	63	63	56	56	66	58	60	54(59)	65	56	62	55
		63	55	63	57(128)	58	58	61	61	55	63	57	63(232)
39.4	28.9	65	65	52	52	70	54	61	49(59)	69	50	65	50
		69	50	65	50(90)	54	54	63	63	50	69	50	65(270)
45.9	25.4	66	66	49	49	68	64	51	48(9)	71	46	67	47
		71	46	67	47(90)	51	51	64	64	46	71	47	67(270)
52.5	22.3	67	67	47	47	72	61	51	43(20)	73	42	68	44
		73	42	68	44(92)	48	48	65	65	41	73	45	69(267)
59.1	20.3	69	69	44	44	76	58	52	39(28)	77	38	70	41
		74	36	72	43(99)	46	46	67	67	36	74	43	72(260)
65.6	18.3	70	70	42	42	79	56	53	35(32)	79	34	72	38
		75	32	75	42(103)	43	43	68	68	32	75	42	75(256)
72.2	16.3	70	70	40	40	81	54	53	33(34)	80	32	73	36
		76	29	76	41(105)	42	42	69	69	29	75	41	76(254)
78.7	15.0	72	72	38	38	84	52	54	29(37)	82	29	75	34
		76	25	79	40(108)	40	40	70	70	25	76	40	79(251)
85.3	13.9	73	73	37	37	88	50	55	26(39)	85	26	77	32
		77	21	82	39(110)	38	38	72	72	21	77	39	82(249)
91.9	12.8	74	74	35	35	90	48	56	24(41)	87	23	78	30
		78	18	84	38(111)	36	36	73	73	18	78	38	84(248)
98.4	11.7	75	75	34	34	92	47	56	21(42)	89	21	80	28
		78	16	85	37(112)	34	34	74	74	15	78	38	85(247)
105.0	11.0	76	76	32	32	95	48	55	19(40)	91	18	82	26
		80	12	88	36(113)	33	33	75	75	12	79	37	88(246)
111.5	10.1	77	77	30	30	97	46	55	17(41)	93	15	83	24
		80	9	90	36(114)	31	31	76	76	9	80	36	90(245)

 HA=100.4 HI= 29.5 GGW= 75.8 SL= 0.0 MAX(A,B,C,D)= 9.0 7.4 8.3 8.3

Main boom and fixed jib (jib angle 0.0 degrees)
 Length of main boom = 110.2 ft Length of jib = 29.5 ft
 Main boom sequence = 0-0-0-45-90-90 % LK = 36
 Counterweight = 75.8 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.
	1(0)		2(...)		3(90)		4(180)		

	4(...)				5(180)				6(...)					
	A	B	C	D	A	B	C	D	A	B	C	D		
23.0	39.7	60	60	62	62	58	65	58	63	(59)	59	66	57	63
		61	67	56	61(128)	65	65	58	58		67	61	61	56(232)
26.2	39.7	63	63	59	59	64	62	60	58	(59)	64	61	61	59
		63	61	61	59(127)	62	62	61	61		61	63	60	61(232)
29.5	39.7	67	67	56	56	71	59	62	53	(59)	69	56	65	54
		65	55	66	58(128)	59	59	64	64		55	65	58	66(232)
32.8	37.9	68	68	53	53	74	56	63	49	(59)	73	52	67	51
		73	52	67	51(90)	56	56	66	66		52	73	51	67(270)
39.4	33.7	70	70	49	49	75	64	54	45	(20)	77	45	71	47
		76	45	71	47(93)	52	52	68	68		45	76	47	71(266)
45.9	30.4	72	72	45	45	81	60	55	39	(30)	81	39	74	42
		78	37	76	45(102)	48	48	70	70		37	77	45	76(257)
52.5	27.1	74	74	43	43	85	57	56	35	(35)	83	35	76	39
		78	32	79	43(106)	45	45	72	72		32	78	44	79(253)
59.1	24.7	75	75	40	40	89	54	57	30	(38)	87	30	78	35
		80	26	82	42(109)	42	42	73	73		26	79	42	82(250)
65.6	22.7	77	77	37	37	93	51	58	26	(41)	90	26	80	32
		81	21	86	40(111)	39	39	75	75		21	80	41	86(248)
72.2	20.7	78	78	35	35	96	49	58	22	(42)	92	22	82	29
		82	17	88	39(112)	36	36	77	77		17	81	39	88(247)
78.7	19.0	79	79	33	33	99	47	58	19	(43)	94	19	84	27
		82	13	91	38(114)	34	34	78	78		13	81	39	91(245)
85.3	17.0	79	79	32	32	99	48	57	18	(41)	95	17	85	25
		82	11	91	37(114)	33	33	78	78		11	82	38	92(245)
91.9	15.0	79	79	31	31	100	47	57	17	(42)	95	16	85	24
		82	10	92	36(114)	32	32	78	78		10	82	37	92(245)
98.4	13.2	79	79	30	30	100	46	57	16	(42)	95	15	85	23
		85	9	91	34(110)	31	31	78	78		9	84	34	91(249)
105.0	11.7	79	79	30	30	100	45	56	15	(42)	95	14	85	23
		85	8	91	33(110)	30	30	78	78		8	84	34	91(249)
111.5	10.4	79	79	29	29	100	45	56	14	(42)	95	13	85	22
		85	7	91	32(110)	30	30	78	78		7	84	33	91(249)
118.1	9.3	79	79	28	28	101	44	56	13	(42)	96	12	85	21
		85	6	92	32(110)	29	29	78	78		6	84	32	92(249)
124.7	8.2	79	79	28	28	101	43	56	12	(43)	96	11	85	21
		84	5	92	32(111)	28	28	78	78		5	84	32	92(248)

HA=110.2 HI= 29.5 GGW= 75.8 SL= 0.0 MAX(A,B,C,D)= 9.4 7.8 8.6 8.6

Main boom and fixed jib (jib angle 0.0 degrees)
Length of main boom = 114.5 ft Length of jib = 29.5 ft
Main boom sequence = 0-0-0-45-100-100 % LK = 37
Counterweight = 75.8 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.					
	1(0)		2(...)		3(90)		4(...)							
	A	B	C	D	A	B	C	D	A	B	C	D		
26.2	38.4	63	63	59	59	63	62	60	59	(59)	63	62	60	59
		62	62	60	59(127)	62	62	60	60		62	62	60	60(232)
29.5	35.9	64	64	57	57	66	60	60	56	(59)	65	58	62	56
		63	58	62	58(128)	60	60	61	61		58	63	58	62(232)

32.8	33.7	65	65	55	55	68	58	61	52(59)	67	55	63	54
		63	54	65	57(128)	57	57	62	62	54	63	57	65(232)
39.4	29.5	66	66	51	51	72	54	61	47(59)	71	49	66	49
		71	49	66	49(90)	53	53	64	64	49	71	49	66(270)
45.9	26.7	68	68	48	48	73	63	52	45(19)	74	43	69	45
		74	43	69	46(92)	50	50	66	66	43	74	46	69(267)
52.5	23.8	69	69	45	45	77	60	53	40(27)	77	39	71	42
		75	38	72	44(99)	47	47	68	68	37	75	44	73(260)
59.1	21.4	71	71	43	43	80	57	54	36(32)	80	35	73	39
		76	33	75	42(103)	44	44	69	69	33	76	43	75(256)
65.6	19.6	72	72	40	40	84	54	55	32(36)	83	31	75	36
		77	28	79	41(107)	42	42	71	71	28	77	41	79(252)
72.2	18.1	74	74	38	38	88	52	56	28(39)	86	28	77	33
		78	23	82	40(109)	39	39	72	72	23	78	40	82(250)
78.7	16.3	75	75	36	36	90	50	56	25(40)	87	25	78	31
		78	20	84	39(111)	37	37	73	73	20	78	40	84(248)
85.3	15.0	76	76	34	34	93	48	57	22(42)	89	22	80	29
		79	17	86	38(112)	35	35	75	75	17	79	39	86(247)
91.9	14.1	77	77	32	32	96	48	56	19(41)	92	18	82	26
		81	13	89	37(113)	33	33	76	76	13	80	37	89(246)
98.4	13.0	78	78	31	31	99	47	56	17(41)	94	16	84	24
		81	9	91	36(114)	32	32	77	77	9	81	37	91(245)
105.0	11.7	79	79	30	30	100	45	56	15(42)	95	14	84	23
		84	8	91	33(110)	31	31	78	78	8	84	34	91(249)
111.5	10.4	79	79	29	29	100	45	56	14(42)	95	13	85	22
		84	7	91	32(110)	30	30	78	78	7	84	33	91(249)
118.1	9.3	79	79	28	28	101	45	56	13(42)	96	12	85	21
		85	6	92	32(110)	29	29	78	78	6	84	32	92(249)
124.7	8.2	79	79	28	28	101	44	56	13(42)	96	11	85	21
		85	5	92	31(110)	28	28	78	78	5	84	32	92(249)
131.2	7.3	79	79	27	27	101	43	56	12(43)	96	10	86	20
		84	4	93	31(111)	28	28	78	78	4	84	32	93(248)

 HA=114.5 HI= 29.5 GGW= 75.8 SL= 0.0 MAX(A,B,C,D)= 9.4 7.8 8.6 8.6

Main boom and fixed jib (jib angle 0.0 degrees)
 Length of main boom = 124.3 ft Length of jib = 29.5 ft
 Main boom sequence = 0-0-0-90-90-90 % LK = 45
 Counterweight = 75.8 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
	1(0)		2(...)		3(90)		6(...)						
	A	B	C	D	A	B	C	D	A	B	C	D	
29.5	39.7	67	67	56	56	71	59	62	53(59)	70	55	65	54
		66	54	67	58(128)	58	58	64	64	54	66	58	67(232)
32.8	37.7	69	69	53	53	75	56	63	49(59)	73	51	67	51
		73	51	67	51(90)	56	56	66	66	51	73	51	67(270)
39.4	34.0	71	71	49	49	77	64	54	45(22)	78	44	71	46
		77	44	72	47(95)	51	51	69	69	43	77	47	72(264)
45.9	30.6	73	73	45	45	82	60	56	38(32)	82	38	74	41
		78	36	77	45(103)	47	47	71	71	36	78	45	77(256)
52.5	28.2	75	75	41	41	88	56	57	32(37)	86	33	78	37
		80	29	82	43(108)	43	43	73	73	29	80	43	82(251)

59.1	25.6	77	77	39	39	92	53	58	28(40)	89	28	80	34
		81	24	85	41(110)	40	40	75	75	24	81	41	85(249)
65.6	23.4	78	78	36	36	96	50	59	24(42)	92	24	82	30
		82	19	88	40(112)	38	38	77	77	19	82	40	88(247)
72.2	21.6	80	80	33	33	100	47	60	20(44)	95	20	85	27
		83	14	91	39(114)	35	35	78	78	14	82	39	91(245)
78.7	19.2	80	80	32	32	100	49	57	18(41)	96	18	85	26
		83	11	92	37(114)	34	34	79	79	11	82	38	92(245)
85.3	16.8	80	80	31	31	100	47	58	17(42)	96	17	85	25
		83	10	92	37(114)	33	33	78	78	10	82	37	92(245)
91.9	14.6	79	79	31	31	100	47	57	17(42)	95	16	85	24
		82	10	91	36(114)	32	32	78	78	9	82	37	92(245)
98.4	12.8	79	79	30	30	100	46	57	16(42)	95	15	85	23
		85	9	91	33(110)	31	31	78	78	9	84	34	91(249)
105.0	11.2	79	79	30	30	100	45	56	15(42)	95	14	85	23
		84	8	91	33(110)	30	30	78	78	8	84	33	91(249)
111.5	9.9	79	79	29	29	100	45	56	14(42)	95	13	85	22
		84	7	91	32(110)	30	30	78	78	7	84	33	91(249)
118.1	8.8	79	79	28	28	101	44	56	13(42)	96	12	85	21
		85	6	92	32(110)	29	29	78	78	6	84	32	92(249)
124.7	7.9	79	79	27	27	102	43	57	11(43)	97	10	86	20
		85	4	93	31(111)	28	28	79	79	4	84	32	93(248)
131.2	6.8	79	79	27	27	102	43	56	11(43)	97	10	86	20
		84	4	93	31(111)	28	28	78	78	4	84	32	93(248)
137.8	6.2	80	80	26	26	103	42	56	10(43)	98	8	86	19
		85	2	94	30(111)	26	26	79	79	2	84	31	94(248)

 HA=124.3 HI= 29.5 GGW= 75.8 SL= 0.0 MAX(A,B,C,D)= 9.6 7.8 8.7 8.7

Main boom and fixed jib (jib angle 0.0 degrees)

Length of main boom = 130.9 ft Length of jib = 29.5 ft

Main boom sequence = 0-0-0-100-100-100 % LK = 46

Counterweight = 75.8 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.			
	1(0)		2(...)		3(90)		6(...)					
	4(...)		5(180)		6(...)							
	A	B	C	D	A	B	C	D	A	B	C	D
29.5 35.3	63	63	57	57	65	60	60	56(59)	65	58	62	56
	63	58	62	58(128)	60	60	61	61	58	63	58	62(232)
32.8 33.3	65	65	55	55	68	57	61	52(59)	67	54	63	54
	63	54	65	57(128)	57	57	62	62	54	63	57	65(232)
39.4 29.8	67	67	51	51	67	67	51	50(1)	71	48	67	49
	71	48	67	49(90)	53	53	65	65	48	71	49	67(270)
45.9 26.7	69	69	47	47	74	62	52	44(21)	75	43	69	45
	75	42	70	45(93)	49	49	67	67	42	75	45	70(266)
52.5 24.5	71	71	44	44	80	59	54	38(30)	79	37	72	41
	76	35	75	44(102)	46	46	69	69	35	76	44	75(257)
59.1 22.0	72	72	42	42	83	56	55	34(35)	82	34	75	37
	77	30	78	42(106)	43	43	70	70	30	77	43	78(253)
65.6 19.8	73	73	39	39	86	54	55	30(37)	84	30	76	35
	78	26	80	41(108)	41	41	72	72	26	77	41	80(251)
72.2 18.3	75	75	37	37	90	51	56	26(40)	87	26	78	32
	79	22	83	39(110)	38	38	73	73	22	79	40	84(249)

78.7	16.8	76	76	35	35	93	49	56	23(41)	90	23	80	29
		80	18	86	39(112)	36	36	75	75	18	79	39	86(247)
85.3	15.4	77	77	33	33	96	47	58	20(43)	92	20	82	27
		81	14	88	37(113)	34	34	76	76	14	80	38	88(246)
91.9	13.9	78	78	32	32	97	47	56	18(41)	93	17	83	25
		81	12	90	37(114)	33	33	77	77	11	80	38	90(245)
98.4	12.8	79	79	30	30	100	46	57	16(42)	95	15	85	23
		85	9	91	33(110)	31	31	78	78	9	84	34	91(249)
105.0	11.2	79	79	30	30	100	45	56	15(42)	95	14	85	23
		84	8	91	33(110)	30	30	78	78	8	84	33	91(249)
111.5	9.9	79	79	29	29	100	45	56	14(42)	95	13	85	22
		84	7	91	32(110)	30	30	78	78	7	84	33	91(249)
118.1	8.8	79	79	28	28	101	44	56	13(42)	96	12	85	21
		85	6	92	32(110)	29	29	78	78	6	84	32	92(249)
124.7	7.9	79	79	27	27	102	43	57	11(43)	97	10	86	20
		85	4	93	31(111)	28	28	79	79	4	84	32	93(248)
131.2	6.8	79	79	27	27	102	43	56	11(43)	97	10	86	20
		84	4	93	31(111)	28	28	78	78	4	84	32	93(248)
137.8	6.2	80	80	26	26	103	42	56	10(43)	98	8	87	19
		85	2	94	30(111)	26	26	79	79	2	84	31	94(248)
144.4	5.3	79	79	26	26	103	42	56	9(43)	98	8	86	18
		85	2	94	30(111)	26	26	79	79	1	84	31	94(248)

 HA=130.9 HI= 29.5 GGW= 75.8 SL= 0.0 MAX(A,B,C,D)= 9.6 7.8 8.7 8.7

Main boom and fixed jib (jib angle 0.0 degrees)

Length of main boom = 138.1 ft Length of jib = 29.5 ft

Main boom sequence = 0-0-45-90-90-90 % LK = 54

Counterweight = 75.8 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.			
		1(0)		2(...)		3(90)		6(...)					
		A	B	C	D	A	B		C		D		
32.8	37.7	69	69	52	52	69	69	53	52(1)	74	50	68	50
		74	50	68	50(90)	55	55	66	66	50	74	50	68(270)
39.4	34.4	72	72	48	48	79	63	55	43(26)	79	43	73	45
		78	42	74	47(98)	50	50	69	69	41	77	47	74(261)
45.9	31.1	74	74	44	44	85	59	56	36(34)	84	37	76	40
		79	34	79	44(105)	46	46	72	72	34	79	45	79(254)
52.5	28.7	77	77	40	40	91	55	58	30(39)	88	31	79	35
		81	27	84	42(109)	42	42	75	75	26	81	43	84(250)
59.1	26.5	79	79	37	37	96	51	59	25(42)	93	25	83	31
		83	20	88	41(112)	39	39	77	77	20	82	41	88(247)
65.6	24.3	81	81	34	34	100	49	60	21(43)	96	21	85	28
		84	15	92	39(114)	36	36	79	79	15	83	40	92(245)
72.2	21.6	81	81	32	32	102	49	59	18(42)	97	18	86	26
		84	12	93	38(114)	34	34	80	80	12	84	38	93(245)
78.7	18.5	80	80	32	32	101	48	58	17(42)	96	17	86	25
		83	11	92	37(114)	33	33	79	79	11	83	38	93(245)
85.3	16.1	80	80	31	31	101	47	57	17(42)	96	16	85	24
		83	10	92	37(114)	32	32	78	78	9	82	37	92(245)
91.9	13.9	79	79	30	30	100	46	57	16(42)	95	15	85	24
		85	9	91	34(110)	32	32	78	78	9	84	34	91(249)

98.4	12.1	79	79	30	30	100	46	57	15(42)	95	14	85	23
	85	8	91	33(110)		31	31	78	78	8	84	34	91(249)
105.0	10.8	79	79	29	29	101	45	56	14(42)	96	13	86	22
	85	7	92	32(110)		30	30	78	78	6	85	33	92(249)
111.5	9.5	79	79	28	28	102	44	57	13(43)	97	11	86	21
	85	5	93	32(111)		29	29	78	78	5	84	33	93(248)
118.1	8.2	79	79	28	28	101	43	57	12(43)	96	11	86	21
	84	5	92	32(111)		28	28	78	78	5	84	32	93(248)
124.7	7.3	80	80	27	27	103	43	56	11(43)	97	9	86	19
	85	3	93	31(111)		27	27	79	79	3	84	32	94(248)
131.2	6.4	80	80	26	26	103	42	56	10(43)	98	8	87	18
	86	2	94	30(111)		26	26	79	79	2	85	31	94(248)
137.8	5.5	80	80	25	25	104	42	56	9(43)	98	7	87	18
	86	1	94	30(111)		26	26	79	79	1	85	30	95(248)
144.4	4.6	80	80	25	25	104	41	56	9(43)	98	7	87	17
	86	0	94	30(111)		26	26	79	79	0	85	30	95(248)
150.9	3.7	79	79	25	25	103	41	56	9(43)	98	7	86	17
	85	0	94	29(111)		25	25	79	79	0	84	30	94(248)

 HA=138.1 HI= 29.5 GGW= 75.8 SL= 0.0 MAX(A,B,C,D)= 9.6 7.9 8.8 8.8

Main boom and fixed jib (jib angle 0.0 degrees)

Length of main boom = 145.0 ft Length of jib = 29.5 ft

Main boom sequence = 0-0-45-100-100-100 % LK = 55

Counterweight = 75.8 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.			
		1(0)		2(...)		3(90)		6(...)					
		4(...)		5(180)		6(...)							
		A	B	C	D	A	B	C	D	A	B	C	D
32.8	33.1	65	65	54	54	69	57	61	52(59)	68	54	64	53
		64	53	65	57(128)	57	57	63	63	53	64	57	65(232)
39.4	30.0	68	68	50	50	69	65	52	49(9)	73	47	67	48
		73	47	67	48(90)	52	52	65	65	47	73	48	67(270)
45.9	27.3	70	70	46	46	77	61	54	41(26)	77	41	71	43
		76	40	73	45(98)	48	48	68	68	39	75	45	73(261)
52.5	24.7	72	72	43	43	82	57	55	36(33)	81	36	74	39
		77	33	77	43(104)	45	45	70	70	33	77	43	77(255)
59.1	22.9	74	74	40	40	87	54	56	31(37)	85	31	77	35
		79	27	81	41(108)	42	42	73	73	27	78	42	81(251)
65.6	20.9	76	76	37	37	91	52	57	26(40)	88	26	79	32
		80	22	84	40(110)	39	39	74	74	22	80	40	84(249)
72.2	19.0	77	77	35	35	94	49	58	23(42)	91	23	81	30
		81	18	87	39(112)	37	37	75	75	18	80	39	87(247)
78.7	17.6	79	79	33	33	98	47	58	19(43)	94	19	84	26
		82	13	90	37(113)	34	34	77	77	13	82	38	90(246)
85.3	16.1	80	80	31	31	100	47	57	17(42)	96	16	85	24
		83	10	92	37(114)	32	32	78	78	10	82	37	92(245)
91.9	14.1	80	80	30	30	101	46	57	15(42)	96	15	85	23
		85	9	92	34(110)	31	31	78	78	9	85	34	92(249)
98.4	12.3	79	79	29	29	101	46	57	15(42)	96	14	85	22
		85	8	92	33(110)	30	30	78	78	7	85	33	92(249)
105.0	10.8	79	79	29	29	101	45	56	14(42)	96	13	85	22
		85	7	92	32(110)	30	30	78	78	7	85	33	92(249)

111.5	9.5	79	79	28	28	101	44	57	13(43)	97	12	86	21
	85	5	93	32(111)		29	29	78	78	5	84	33	93(248)
118.1	8.2	79	79	28	28	101	43	57	12(43)	96	11	85	21
	84	5	92	32(111)		28	28	78	78	5	84	32	93(248)
124.7	7.3	80	80	27	27	103	43	56	11(43)	97	9	86	19
	85	3	93	31(111)		27	27	79	79	3	84	32	93(248)
131.2	6.4	80	80	26	26	103	42	56	10(43)	98	8	87	19
	85	2	94	30(111)		26	26	79	79	2	85	31	94(248)
137.8	5.5	80	80	25	25	104	42	56	9(43)	98	8	87	18
	86	1	94	30(111)		26	26	79	79	1	85	30	95(248)
144.4	4.6	80	80	25	25	103	41	56	9(43)	98	7	87	18
	85	0	94	30(111)		26	26	79	79	0	85	30	94(248)
150.9	3.7	79	79	25	25	103	41	56	9(43)	98	7	86	17
	85	0	94	30(111)		26	26	79	79	0	84	30	94(248)
157.5	3.1	79	79	25	25	103	41	56	8(43)	98	7	87	17
	85	0	94	29(111)		25	25	79	79	0	84	29	95(248)

 HA=145.0 HI= 29.5 GGW= 75.8 SL= 0.0 MAX(A,B,C,D)= 9.6 7.9 8.8 8.8

Main boom and fixed jib (jib angle 0.0 degrees)

Length of main boom = 152.2 ft Length of jib = 29.5 ft

Main boom sequence = 0-0-90-90-90-90 % LK = 62

Counterweight = 75.8 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
	1(0)		2(...)		3(90)		6(...)						
	A	B C D	A B C D	A B C D	A B C D	A B C D							
39.4	33.7	72	72	48	48	79	63	55	43(26)	79	43	73	45
		78	41	74	46(98)	50	50	69	69	41	77	47	74(261)
45.9	31.1	75	75	43	43	86	58	57	35(35)	85	36	77	39
		80	33	80	44(106)	46	46	73	73	32	79	44	80(253)
52.5	28.4	77	77	40	40	92	54	58	29(39)	89	30	80	35
		81	26	85	42(110)	42	42	75	75	25	81	43	85(249)
59.1	26.2	79	79	36	36	97	51	59	24(42)	93	24	83	30
		83	19	89	40(112)	38	38	78	78	19	83	41	89(247)
65.6	24.3	82	82	33	33	102	48	60	19(44)	97	19	86	27
		84	13	93	39(114)	35	35	80	80	13	84	39	93(245)
72.2	20.9	81	81	32	32	102	48	58	18(42)	97	17	86	25
		84	11	93	38(114)	34	34	79	79	11	84	38	93(245)
78.7	17.9	80	80	31	31	101	47	58	17(42)	96	17	86	25
		83	11	92	37(114)	33	33	79	79	10	82	38	93(245)
85.3	15.4	80	80	31	31	101	47	57	16(42)	96	15	85	24
		83	9	92	36(114)	32	32	78	78	9	82	37	93(245)
91.9	13.4	80	80	30	30	101	46	57	15(42)	96	14	85	23
		85	8	92	33(110)	31	31	78	78	8	85	34	92(249)
98.4	11.7	79	79	29	29	101	45	57	14(42)	96	13	85	22
		85	7	92	32(110)	30	30	78	78	7	85	33	92(249)
105.0	10.1	79	79	28	28	101	45	56	13(42)	96	12	86	21
		85	6	92	32(110)	29	29	78	78	6	85	32	92(249)
111.5	8.8	79	79	28	28	102	43	57	12(43)	97	11	86	21
		85	5	93	32(111)	28	28	78	78	5	84	32	93(248)
118.1	7.7	80	80	27	27	103	43	57	11(43)	97	10	86	20
		85	4	93	31(111)	28	28	79	79	3	84	32	93(248)

124.7	6.6	80	80	26	26	103	42	56	10(43)	97	9	86	19
	85	3	93	31(111)		27	27	79	79	2	84	31	94(248)
131.2	5.7	80	80	26	26	103	42	56	9(43)	98	8	87	18
	86	1	94	30(111)		26	26	79	79	1	85	31	94(248)
137.8	4.6	79	79	26	26	103	42	56	9(43)	97	8	86	18
	85	1	93	30(111)		26	26	79	79	1	84	31	94(248)
144.4	3.7	79	79	25	25	103	41	56	9(43)	97	7	86	18
	85	1	93	30(111)		26	26	79	79	1	84	30	94(248)
150.9	3.1	79	79	25	25	103	41	56	8(43)	98	7	87	17
	85	0	94	29(111)		25	25	79	79	0	84	30	95(248)
157.5	2.4	80	80	24	24	104	40	56	7(44)	98	6	87	17
	84	0	96	28(112)		24	24	79	79	0	83	29	96(247)

 HA=152.2 HI= 29.5 GGW= 75.8 SL= 0.0 MAX(A,B,C,D)= 9.6 7.9 8.9 8.9

Main boom and fixed jib (jib angle 0.0 degrees)

Length of main boom = 161.4 ft Length of jib = 29.5 ft

Main boom sequence = 0-0-100-100-100-100 % LK = 63

Counterweight = 75.8 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.			
		1(0)		2(...)		3(90)		6(...)					
		A	B	C	D	A	B	C	D				
39.4	28.4	67	67	50	50	67	66	51	50(4)	72	47	67	48
		72	47	67	48(90)	52	52	65	65	47	72	48	67(270)
45.9	26.7	70	70	46	46	77	61	53	41(26)	78	41	71	43
		76	39	73	45(98)	48	48	68	68	39	76	45	73(261)
52.5	24.7	73	73	42	42	84	57	55	35(34)	82	35	75	38
		78	32	78	43(105)	44	44	71	71	32	77	43	78(254)
59.1	22.7	75	75	39	39	89	54	56	30(38)	86	30	78	34
		79	26	82	41(109)	41	41	73	73	25	79	42	82(250)
65.6	20.9	77	77	36	36	93	51	58	25(41)	90	25	81	31
		81	20	86	39(111)	38	38	75	75	20	80	40	86(248)
72.2	19.2	78	78	34	34	97	48	58	21(43)	93	21	83	28
		82	15	89	38(113)	35	35	77	77	15	81	39	89(246)
78.7	17.4	80	80	32	32	99	48	57	18(41)	95	17	85	25
		82	11	91	37(114)	33	33	78	78	11	82	38	92(245)
85.3	15.4	80	80	30	30	101	47	57	16(42)	96	15	85	24
		82	9	93	37(115)	32	32	79	79	9	82	37	93(244)
91.9	13.4	80	80	30	30	101	46	57	15(42)	96	14	86	23
		86	8	92	33(110)	31	31	79	79	8	85	34	92(249)
98.4	11.7	80	80	29	29	101	45	57	14(42)	96	13	86	22
		86	7	92	32(110)	30	30	78	78	7	85	33	92(249)
105.0	10.1	79	79	28	28	101	45	56	13(42)	97	12	86	21
		85	6	92	32(110)	29	29	78	78	6	85	32	93(249)
111.5	8.8	80	80	28	28	102	43	57	12(43)	97	11	86	20
		85	5	93	32(111)	28	28	79	79	4	84	32	93(248)
118.1	7.7	80	80	27	27	103	43	57	11(43)	97	10	86	19
		85	3	93	31(111)	27	27	79	79	3	84	32	94(248)
124.7	6.6	80	80	26	26	103	42	56	10(43)	98	9	86	19
		85	2	94	30(111)	27	27	79	79	2	85	31	94(248)
131.2	5.5	79	79	26	26	103	42	56	10(43)	97	8	86	19
		85	2	93	30(111)	26	26	79	79	2	84	31	94(248)

137.8	4.6	80	80	25	25	103	42	56	9(43)	98	8	87	18
	85	1	94	30(111)		26	26	79	79	1	84	30	94(248)
144.4	3.7	79	79	25	25	103	41	56	9(43)	98	7	86	18
	85	1	94	30(111)		26	26	79	79	0	84	30	94(248)
150.9	2.9	79	79	25	25	103	41	56	9(43)	97	7	86	18
	85	1	93	29(111)		25	25	78	78	0	84	30	94(248)
157.5	2.2	79	79	25	25	103	41	56	8(43)	97	7	86	17
	85	0	94	29(111)		25	25	79	79	0	84	29	94(248)

 HA=161.4 HI= 29.5 GGW= 75.8 SL= 0.0 MAX(A,B,C,D)= 9.6 7.9 8.7 8.8

Main boom and fixed jib (jib angle 0.0 degrees)
 Length of main boom = 166.0 ft Length of jib = 29.5 ft
 Main boom sequence = 0-45-90-90-90-90 % LK = 68
 Counterweight = 75.8 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
	1(0)		2(...)		3(90)		4(...)						
	A	B	C	D	A	B	C	D					
39.4	33.5	73	73	47	47	80	62	55	41(28)	80	41	73	44
		78	40	75	46(100)	49	49	70	70	40	78	46	75(259)
45.9	30.9	76	76	43	43	88	58	57	34(36)	86	34	78	38
		80	31	81	44(107)	45	45	73	73	31	80	44	81(252)
52.5	28.7	78	78	39	39	95	53	59	27(41)	91	28	82	33
		82	23	87	42(111)	41	41	77	77	23	82	42	87(248)
59.1	26.7	81	81	35	35	101	50	60	21(43)	96	22	86	28
		85	16	92	39(113)	37	37	79	79	16	84	40	92(246)
65.6	23.6	82	82	33	33	103	49	59	18(42)	98	18	87	26
		85	12	94	38(114)	34	34	80	80	12	84	39	94(245)
72.2	20.1	81	81	32	32	102	48	58	17(42)	97	17	86	25
		84	10	93	38(115)	33	33	80	80	10	83	39	94(244)
78.7	17.2	81	81	31	31	102	47	58	16(42)	97	15	86	24
		83	9	93	37(115)	32	32	79	79	9	82	38	93(244)
85.3	14.6	80	80	30	30	101	46	57	16(42)	96	15	86	23
		86	9	92	34(110)	31	31	79	79	9	85	34	92(249)
91.9	12.6	80	80	29	29	101	46	57	15(42)	97	13	86	22
		86	7	92	33(110)	30	30	79	79	7	85	33	92(249)
98.4	10.8	80	80	28	28	101	45	56	13(42)	97	12	86	21
		86	6	92	32(110)	29	29	79	79	6	85	33	93(249)
105.0	9.3	79	79	28	28	102	43	57	13(43)	97	11	86	21
		85	5	93	32(111)	29	29	79	79	5	84	33	93(248)
111.5	7.9	80	80	27	27	102	43	57	11(43)	97	10	86	20
		85	4	93	31(111)	28	28	79	79	4	84	32	93(248)
118.1	6.8	80	80	26	26	103	42	56	10(43)	98	9	86	19
		85	2	94	31(111)	27	27	79	79	2	85	31	94(248)
124.7	5.7	80	80	26	26	103	42	56	9(43)	98	8	87	18
		85	2	94	30(111)	26	26	79	79	1	85	31	94(248)
131.2	4.6	79	79	25	25	103	42	56	9(43)	98	8	86	18
		85	1	94	30(111)	26	26	79	79	1	84	30	94(248)
137.8	3.7	80	80	25	25	103	41	56	9(43)	98	7	87	17
		85	0	94	29(111)	25	25	79	79	0	84	30	94(248)
144.4	2.9	79	79	25	25	103	41	56	8(43)	98	6	87	17
		85	0	94	29(111)	25	25	79	79	0	84	29	95(248)

 HA=166.0 HI= 29.5 GGW= 75.8 SL= 0.0 MAX(A,B,C,D)= 9.6 7.9 8.8 8.8

Main boom and fixed jib (jib angle 0.0 degrees)
 Length of main boom = 175.5 ft Length of jib = 29.5 ft
 Main boom sequence = 0-45-100-100-100-100 % LK = 69
 Counterweight = 75.8 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]								(Pos.[Degrees])				0-360 Degr.		
	1(0)				2(...)				3(90)						
	4(...)				5(180)				6(...)						
A	B	C	D	A	B	C	D	A	B	C	D				
45.9	25.8	70	70	46	46	77	60	53	40	(27)	78	40	71	43	
		76	38	73	45	(99)	48	48	68	68	38	75	45	73	(260)
52.5	24.3	73	73	42	42	85	56	55	34	(35)	83	34	75	37	
		78	30	79	42	(106)	43	43	71	71	30	78	43	79	(253)
59.1	22.7	76	76	38	38	91	52	57	28	(40)	88	28	79	33	
		80	23	84	41	(110)	40	40	74	74	23	80	41	84	(249)
65.6	20.9	78	78	35	35	96	50	58	23	(42)	92	23	82	29	
		82	17	88	39	(112)	37	37	77	77	17	81	39	88	(247)
72.2	19.4	80	80	32	32	100	49	57	19	(41)	96	18	85	26	
		83	12	92	38	(114)	34	34	78	78	12	82	38	92	(245)
78.7	17.0	80	80	31	31	101	47	58	17	(42)	97	16	86	24	
		83	9	93	37	(115)	32	32	79	79	9	82	38	93	(244)
85.3	14.6	80	80	30	30	101	46	57	15	(42)	96	15	86	23	
		86	9	92	34	(110)	31	31	79	79	9	85	34	92	(249)
91.9	12.6	80	80	29	29	101	46	57	14	(42)	97	13	86	22	
		86	7	92	33	(110)	30	30	79	79	7	85	33	92	(249)
98.4	10.8	80	80	28	28	101	45	56	13	(42)	97	12	86	21	
		86	6	92	32	(110)	29	29	79	79	6	85	33	93	(249)
105.0	9.3	79	79	28	28	102	43	57	12	(43)	97	11	86	21	
		85	5	93	32	(111)	29	29	79	79	5	84	33	93	(248)
111.5	7.9	80	80	27	27	102	43	57	11	(43)	97	10	86	20	
		85	4	93	31	(111)	28	28	79	79	4	84	32	93	(248)
118.1	6.8	80	80	26	26	103	42	56	10	(43)	98	9	87	19	
		85	2	94	31	(111)	27	27	79	79	2	85	31	94	(248)
124.7	5.7	80	80	26	26	103	42	56	9	(43)	98	8	87	18	
		85	2	94	30	(111)	26	26	79	79	1	85	31	94	(248)
131.2	4.6	80	80	25	25	103	42	56	9	(43)	98	8	87	18	
		85	1	94	30	(111)	26	26	79	79	1	84	30	94	(248)
137.8	3.5	79	79	25	25	102	41	56	9	(43)	97	8	86	18	
		85	1	93	30	(111)	26	26	78	78	1	84	30	93	(248)
144.4	2.6	79	79	25	25	102	41	56	9	(43)	97	7	86	18	
		84	1	93	30	(111)	25	25	78	78	1	84	30	93	(248)

 HA=175.5 HI= 29.5 GGW= 75.8 SL= 0.0 MAX(A,B,C,D)= 9.6 7.9 8.7 8.8

Main boom and fixed jib (jib angle 0.0 degrees)
 Length of main boom = 180.1 ft Length of jib = 29.5 ft
 Main boom sequence = 0-90-90-90-90-90 % LK = 73
 Counterweight = 75.8 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.						
	1(0)				2(...)										

	4(...)				5(180)				6(...)						
	A	B	C	D	A	B	C	D	A	B	C	D			
45.9	29.5	75	75	43	43	87	57	57	34	(36)	85	34	77	38	
		80	31	80	44	(107)	45	45	73	73	31	79	44	81	(252)
52.5	28.2	79	79	38	38	96	53	59	26	(41)	92	27	82	32	
		83	22	88	41	(111)	40	40	77	77	22	82	41	88	(248)
59.1	26.2	82	82	34	34	102	49	61	20	(44)	97	21	86	28	
		85	15	93	39	(114)	36	36	80	80	15	84	40	93	(245)
65.6	22.3	81	81	33	33	101	50	58	19	(41)	97	19	86	26	
		84	12	93	38	(114)	34	34	79	79	12	84	39	93	(245)
72.2	19.2	81	81	31	31	102	48	58	17	(42)	97	16	86	24	
		83	10	93	38	(115)	33	33	80	80	10	83	38	94	(244)
78.7	16.3	80	80	30	30	102	47	58	16	(42)	97	15	86	24	
		86	9	93	34	(110)	32	32	79	79	9	86	34	93	(249)
85.3	13.9	80	80	30	30	101	46	57	15	(42)	97	14	86	23	
		86	8	92	33	(110)	31	31	79	79	8	85	34	93	(249)
91.9	11.9	80	80	29	29	102	45	57	13	(42)	97	13	86	22	
		86	6	93	32	(110)	30	30	79	79	6	85	33	93	(249)
98.4	10.1	80	80	28	28	102	44	57	12	(43)	97	11	86	21	
		85	5	93	32	(111)	29	29	79	79	5	85	33	93	(248)
105.0	8.6	80	80	27	27	103	43	57	11	(43)	97	10	86	20	
		85	4	93	31	(111)	28	28	79	79	4	85	32	94	(248)
111.5	7.3	80	80	26	26	103	43	57	10	(43)	98	9	87	19	
		86	3	94	31	(111)	27	27	79	79	2	85	31	94	(248)
118.1	6.0	80	80	26	26	103	42	56	10	(43)	98	9	86	19	
		85	2	94	30	(111)	26	26	79	79	2	84	31	94	(248)
124.7	4.9	80	80	25	25	103	42	56	9	(43)	98	8	87	18	
		85	1	94	30	(111)	26	26	79	79	1	85	30	94	(248)
131.2	3.7	79	79	25	25	103	41	56	9	(43)	98	7	86	18	
		85	1	94	30	(111)	26	26	79	79	0	84	30	94	(248)
137.8	2.6	79	79	25	25	102	41	56	9	(43)	97	7	86	18	
		84	1	93	30	(111)	25	25	78	78	1	84	30	93	(248)

HA=180.1 HI= 29.5 GGW= 75.8 SL= 0.0 MAX(A,B,C,D)= 9.6 7.9 8.7 8.7

Main boom and fixed jib (jib angle 0.0 degrees)
Length of main boom = 191.9 ft Length of jib = 29.5 ft
Main boom sequence = 0-100-100-100-100-100 % LK = 74
Counterweight = 75.8 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.							
	1(0)				2(...)											
	3(90)				4(...)				5(180)				6(...)			
	A	B	C	D	A	B	C	D	A	B	C	D	A	B	C	D
52.5	22.9	73	73	42	42	84	56	55	34	(35)	82	34	75	37		
		78	30	78	42	(106)	43	43	71	71	30	77	43	78	(253)	
59.1	21.6	76	76	38	38	91	52	57	27	(40)	88	27	79	33		
		80	23	84	40	(110)	39	39	74	74	23	79	41	84	(249)	
65.6	20.5	79	79	34	34	97	48	59	21	(43)	93	21	83	28		
		82	16	89	39	(113)	36	36	77	77	16	81	39	90	(246)	
72.2	18.5	80	80	32	32	100	49	57	18	(41)	96	17	85	25		
		83	11	92	37	(114)	33	33	79	79	11	82	38	92	(245)	
78.7	15.9	80	80	31	31	101	47	57	16	(42)	96	16	85	24		
		83	9	93	36	(114)	32	32	79	79	9	82	37	93	(245)	

85.3	13.7	80	80	30	30	101	46	57	15(42)	97	14	86	23
		86	8	92	33(110)	31	31	79	79	8	85	34	92(249)
91.9	11.7	80	80	29	29	101	45	57	14(42)	97	13	86	22
		86	7	92	32(110)	30	30	79	79	6	85	33	93(249)
98.4	9.9	80	80	28	28	102	44	57	13(43)	97	11	86	21
		85	5	93	32(111)	29	29	79	79	5	84	33	93(248)
105.0	8.4	80	80	27	27	102	43	57	12(43)	97	11	86	20
		85	4	93	32(111)	28	28	79	79	4	84	32	93(248)
111.5	7.1	80	80	26	26	103	43	56	11(43)	97	9	86	19
		85	3	93	31(111)	27	27	79	79	3	84	32	94(248)
118.1	5.7	79	79	26	26	103	42	56	10(43)	97	9	86	19
		85	2	93	30(111)	27	27	79	79	2	84	31	94(248)
124.7	4.6	79	79	26	26	103	42	56	9(43)	98	8	86	18
		85	1	94	30(111)	26	26	79	79	1	84	31	94(248)
131.2	3.5	79	79	25	25	103	41	56	9(43)	97	7	86	18
		85	1	93	30(111)	26	26	79	79	1	84	30	94(248)
137.8	2.6	79	79	25	25	103	41	56	8(43)	98	7	86	17
		85	0	94	29(111)	25	25	79	79	0	84	30	94(248)

 HA=191.9 HI= 29.5 GGW= 75.8 SL= 0.0 MAX(A,B,C,D)= 9.6 7.9 8.7 8.7

Main boom and fixed jib (jib angle 0.0 degrees)

Length of main boom = 193.9 ft Length of jib = 29.5 ft

Main boom sequence = 45-90-90-90-90-90 % LK = 76

Counterweight = 75.8 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
	1(0)		2(...)		3(90)		6(...)						
	A	B	C	D	A	B	C	D	A	B	C	D	
45.9	25.8	72	72	44	44	82	58	55	37(32)	81	37	74	40
		77	34	76	43(103)	46	46	70	70	34	77	44	76(256)
52.5	25.8	77	77	38	38	93	53	58	28(40)	90	28	80	33
		81	23	86	41(111)	40	40	75	75	23	81	42	86(248)
59.1	23.8	80	80	35	35	99	49	60	22(43)	95	22	84	29
		83	16	90	39(113)	37	37	78	78	16	83	40	91(246)
65.6	20.1	79	79	33	33	99	48	59	20(43)	95	20	84	27
		82	14	91	39(114)	35	35	78	78	14	82	39	91(245)
72.2	17.0	79	79	32	32	99	48	57	18(41)	95	18	84	26
		82	12	91	37(114)	33	33	78	78	12	82	38	91(245)
78.7	14.6	79	79	31	31	100	47	57	16(42)	95	16	85	24
		82	9	92	36(114)	32	32	78	78	9	82	37	92(245)
85.3	12.1	79	79	30	30	100	46	57	15(42)	95	15	85	23
		85	9	91	33(110)	31	31	78	78	9	84	34	91(249)
91.9	10.4	79	79	29	29	101	45	56	14(42)	96	13	85	22
		85	7	92	32(110)	30	30	78	78	7	84	33	92(249)
98.4	8.6	79	79	28	28	101	44	56	13(42)	96	12	85	21
		85	6	92	32(110)	29	29	78	78	6	84	32	92(249)
105.0	7.1	79	79	27	27	101	43	56	12(43)	96	11	85	20
		84	4	92	32(111)	28	28	78	78	4	84	32	93(248)
111.5	5.7	79	79	27	27	102	42	56	11(43)	97	9	86	19
		84	3	93	31(111)	27	27	78	78	3	84	32	93(248)
118.1	4.4	79	79	26	26	101	42	56	11(43)	96	9	86	19
		84	3	93	30(111)	27	27	78	78	2	84	31	93(248)

124.7 3.3 79 79 26 26 102 41 56 10(43) 97 8 86 18
 84 2 93 30(111) 26 26 78 78 2 84 31 93(248)
 131.2 2.4 79 79 25 25 103 41 56 9(43) 97 7 86 17
 85 0 93 29(111) 25 25 78 78 0 84 30 94(248)

 HA=193.9 HI= 29.5 GGW= 75.8 SL= 0.0 MAX(A,B,C,D)= 9.5 7.8 8.7 8.7

Main boom and fixed jib (jib angle 0.0 degrees)
 Length of main boom = 205.7 ft Length of jib = 29.5 ft
 Main boom sequence = 45-100-100-100-100-100 % LK = 77
 Counterweight = 75.8 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.			
		1(0)		2(...)		3(90)		6(...)					
		A	B	C	D	A	B	C	D				
52.5	20.9	71	71	42	42	82	56	54	34(34)	81	34	74	38
		77	31	77	42(105)	43	43	70	70	31	76	43	77(254)
59.1	20.7	76	76	37	37	91	52	57	26(40)	88	26	79	32
		80	22	84	40(110)	39	39	74	74	22	80	40	84(249)
65.6	19.6	79	79	34	34	98	48	59	21(43)	94	20	84	28
		82	15	90	38(113)	35	35	77	77	15	82	39	90(246)
72.2	16.5	79	79	32	32	98	48	57	19(41)	94	19	84	26
		82	13	90	38(114)	34	34	77	77	13	81	38	90(245)
78.7	13.9	78	78	31	31	98	47	56	18(41)	94	17	84	25
		81	11	90	37(114)	32	32	77	77	11	81	37	91(245)
85.3	11.7	78	78	30	30	98	47	56	17(41)	94	15	84	24
		81	9	91	36(114)	31	31	77	77	9	80	37	91(245)
91.9	9.9	78	78	29	29	99	45	56	15(42)	95	14	84	22
		84	8	91	33(110)	30	30	78	78	8	84	33	91(249)
98.4	8.2	78	78	29	29	99	45	56	14(42)	95	13	84	22
		84	7	91	32(110)	29	29	77	77	7	83	33	91(249)
105.0	6.6	78	78	28	28	100	44	56	13(42)	95	12	84	21
		84	6	91	31(110)	29	29	77	77	6	83	32	91(249)
111.5	5.3	78	78	27	27	100	43	55	12(42)	95	11	85	20
		84	5	91	31(110)	28	28	78	78	4	83	31	91(249)
118.1	4.2	78	78	26	26	101	42	56	11(43)	96	9	85	19
		84	3	92	31(111)	27	27	78	78	3	83	31	92(248)
124.7	3.1	78	78	26	26	101	41	56	10(43)	96	9	85	19
		84	2	92	30(111)	26	26	78	78	2	83	31	92(248)

 HA=205.7 HI= 29.5 GGW= 75.8 SL= 0.0 MAX(A,B,C,D)= 9.4 7.8 8.6 8.6

Main boom and fixed jib (jib angle 0.0 degrees)
 Length of main boom = 208.0 ft Length of jib = 29.5 ft
 Main boom sequence = 90-90-90-90-90-90 % LK = 78
 Counterweight = 75.8 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.			
		1(0)		2(...)		3(90)		6(...)					
		A	B	C	D	A	B	C	D				
52.5	22.0	74	74	40	40	87	54	56	31(37)	85	31	77	35
		78	27	80	41(108)	42	42	72	72	27	78	42	81(251)

59.1	21.6	78	78	35	35	96	50	58	23(42)	92	23	82	30
		82	18	88	39(112)	37	37	77	77	18	81	40	88(247)
65.6	18.1	78	78	34	34	97	48	58	21(43)	93	21	82	28
		81	15	89	38(113)	35	35	77	77	15	81	39	89(246)
72.2	15.2	78	78	32	32	97	48	56	19(41)	93	19	83	26
		81	13	89	37(113)	34	34	77	77	13	81	38	90(246)
78.7	12.6	78	78	31	31	97	47	56	18(41)	93	17	83	25
		80	11	90	37(114)	32	32	77	77	11	80	37	90(245)
85.3	10.4	77	77	30	30	97	46	56	17(41)	93	16	83	24
		80	9	90	36(114)	31	31	77	77	9	80	36	90(245)
91.9	8.6	78	78	29	29	98	45	56	15(42)	94	14	84	23
		83	8	90	33(110)	30	30	77	77	8	83	33	90(249)
98.4	6.8	77	77	29	29	98	44	56	14(42)	94	13	84	22
		83	7	90	32(110)	29	29	77	77	7	82	33	90(249)
105.0	5.5	78	78	28	28	99	44	55	13(42)	95	11	84	21
		84	6	91	31(110)	28	28	77	77	5	83	32	91(249)
111.5	4.2	78	78	27	27	99	43	55	12(42)	95	10	84	20
		84	4	91	31(110)	28	28	77	77	4	83	31	91(249)
118.1	2.9	77	77	27	27	99	43	55	12(42)	95	10	84	20
		83	4	91	30(110)	27	27	77	77	4	83	31	91(249)

 HA=208.0 HI= 29.5 GGW= 75.8 SL= 0.0 MAX(A,B,C,D)= 9.2 7.7 8.5 8.5

Main boom and fixed jib (jib angle 0.0 degrees)
 Length of main boom = 222.4 ft Length of jib = 29.5 ft
 Main boom sequence = 100-100-100-100-100 % LK = 79
 Counterweight = 75.8 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
	1(0)		2(...)		3(90)		6(...)						
	A	B	C	D	A	B	C	D					
59.1	17.4	73	73	39	39	86	52	55	29(38)	84	29	76	34
		78	25	80	40(108)	40	40	71	71	25	77	41	80(251)
65.6	17.2	77	77	34	34	95	49	57	22(42)	91	22	81	29
		81	17	87	38(112)	36	36	76	76	17	80	39	87(247)
72.2	14.3	77	77	33	33	95	47	57	20(43)	91	20	82	27
		80	14	88	38(113)	34	34	76	76	14	80	38	88(246)
78.7	11.9	77	77	32	32	96	47	56	19(41)	92	18	82	26
		80	12	88	37(113)	33	33	76	76	12	80	37	88(246)
85.3	9.7	77	77	31	31	96	47	55	18(41)	92	17	82	25
		80	11	89	36(114)	32	32	76	76	11	79	37	89(245)
91.9	7.9	77	77	30	30	97	46	55	16(41)	92	15	82	24
		80	9	89	35(114)	31	31	76	76	9	79	36	90(245)
98.4	6.4	77	77	29	29	97	44	55	15(42)	93	13	83	22
		82	8	89	32(110)	30	30	76	76	8	82	33	90(249)
105.0	4.9	77	77	28	28	97	44	55	14(42)	93	13	83	22
		82	7	89	32(110)	29	29	76	76	7	82	32	90(249)
111.5	3.5	77	77	28	28	98	43	55	13(42)	93	12	83	21
		82	6	90	31(110)	28	28	76	76	6	82	32	90(249)
118.1	2.4	77	77	27	27	98	43	55	12(42)	94	11	83	20
		83	5	90	31(110)	28	28	77	77	5	82	31	90(249)

 HA=222.4 HI= 29.5 GGW= 75.8 SL= 0.0 MAX(A,B,C,D)= 9.1 7.6 8.4 8.4

Programm L A M O S 9 9 Version 1.08 vom 29.09.02

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Eingabedatei: ilam.dat

Festdatei : /berechnung/tabellen/zentraledaten/lamosfd-ac/200-1.99dat

Tabellendat.: /berechnung/tabellen/ac/ac200-1/serie_3/pc_tab/22137012_tab.txt

H

DEMAG Mobile Cranes

O U T R I G G E R - L O A D I N G S

(Variance = +-10%)

PSI= 1.00

Crane : *** AC 200-1 *** mit HKHI fuer GA und MS

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Outrigger width = 18.7 ft      Outrigger length = 27.7 ft
Outrigger "A"  X = 12.0 ft    Outrigger "A"   Y =  9.4 ft
Outrigger "B"  X = 12.0 ft    Outrigger "B"   Y = -9.4 ft
Outrigger "C"  X = -15.7 ft   Outrigger "C"   Y =  9.4 ft
Outrigger "D"  X = -15.7 ft   Outrigger "D"   Y = -9.4 ft
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Main boom and fixed jib (jib angle 20.0 degrees)

Length of main boom = 40.7 ft Length of jib = 29.5 ft

Main boom sequence = 0-0-0-0-0-0 % LK = 1

Counterweight = 75.8 kip

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Radius Cap.      Outrigger Loadin[kip]      (Pos.[Degrees])      0-360 Degr.
[ft] [kip]      1( 0)      2( 59)      3( 90)
                4(...)      5(180)      6(...)
                A B C D      A B C D      A B C D
16.4 34.2 49 49 71 71      37 72 52 78      41 81 43 74
                52 84 39 63(128) 73 73 47 47      84 52 63 39(232)
19.7 31.5 50 50 68 68      41 70 52 74      43 77 45 71
                53 80 42 62(128) 70 70 48 48      80 53 62 42(232)
23.0 29.3 52 52 66 66      44 67 53 71      46 73 47 68
                54 75 44 61(128) 68 68 49 49      75 54 61 44(232)
26.2 27.6 53 53 63 63      47 65 54 67      49 70 49 65
                55 71 47 60(128) 65 65 51 51      71 55 60 47(232)
29.5 25.8 54 54 61 61      50 63 54 64      51 66 51 63
                55 67 49 59(128) 63 63 52 52      67 55 59 49(232)
32.8 24.3 55 55 59 59      52 61 55 61      53 63 53 60
                56 64 52 58(128) 61 61 54 54      64 56 58 52(232)
39.4 21.8 58 58 56 56      58 57 56 55      58 57 56 56
                58 57 56 56(127) 57 57 56 56      57 58 56 56(232)
45.9 19.8 60 60 52 52      63 54 57 50      63 51 60 51
                59 50 61 54(128) 54 54 59 59      50 59 54 61(232)
52.5 18.3 63 63 49 49      69 50 59 45      67 45 63 47
                67 45 63 47( 90) 50 50 62 62      45 67 47 63(270)
-----

```

HA= 40.7 HI= 29.5 GGW= 75.8 SL= 0.0 MAX(A,B,C,D)= 7.8 7.8 6.6 7.3

Main boom and fixed jib (jib angle 20.0 degrees)

Length of main boom = 54.5 ft Length of jib = 29.5 ft

Main boom sequence = 0-0-0-0-0-45 % LK = 7

Counterweight = 75.8 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]								(Pos.[Degrees])				0-360 Degr.		
	1(0)				2(...)				3(90)						
	4(...)				5(180)				6(...)						
A	B	C	D	A	B	C	D	A	B	C	D				
19.7 33.1	51	51	68	68	41	70	53	74	(59)	44	77	46	71		
	54	80	42	62	(128)	71	71	49	49		80	54	62	42	(232)
23.0 31.1	52	52	66	66	45	67	53	71	(59)	47	73	48	68		
	55	75	45	61	(128)	68	68	50	50		75	55	61	45	(232)
26.2 29.1	54	54	63	63	48	65	54	67	(59)	49	70	50	65		
	55	71	48	60	(128)	66	66	51	51		71	55	60	48	(232)
29.5 27.8	55	55	61	61	51	63	55	64	(59)	52	66	52	62		
	56	67	50	59	(128)	63	63	53	53		67	56	59	50	(232)
32.8 26.2	56	56	59	59	54	61	55	61	(59)	55	63	54	60		
	57	63	53	58	(128)	61	61	54	54		63	57	58	53	(232)
39.4 23.8	59	59	56	56	60	57	57	55	(59)	59	57	57	55		
	59	57	58	56	(127)	57	57	57	57		57	59	56	58	(232)
45.9 21.8	61	61	52	52	65	54	58	50	(59)	64	51	61	51		
	60	50	62	54	(128)	54	54	60	60		50	60	54	62	(232)
52.5 20.3	64	64	49	49	71	51	60	45	(59)	69	46	64	47		
	69	46	64	47	(90)	50	50	62	62		46	69	47	64	(270)
59.1 18.7	66	66	46	46	71	60	51	42	(21)	73	41	67	43		
	72	40	68	43	(93)	47	47	65	65		40	72	44	68	(266)
65.6 17.9	69	69	42	42	78	56	52	35	(31)	78	35	71	39		
	75	33	74	42	(103)	44	44	68	68		32	74	42	74	(256)

HA= 54.5 HI= 29.5 GGW= 75.8 SL= 0.0 MAX(A,B,C,D)= 7.4 7.4 6.9 6.9

Main boom and fixed jib (jib angle 20.0 degrees)

Length of main boom = 68.6 ft Length of jib = 29.5 ft

Main boom sequence = 0-0-0-0-0-90 % LK = 13

Counterweight = 75.8 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]								(Pos.[Degrees])				0-360 Degr.		
	1(0)				2(...)				3(90)						
	4(...)				5(180)				6(...)						
A	B	C	D	A	B	C	D	A	B	C	D				
23.0 31.7	52	52	66	66	45	68	54	71	(59)	47	74	48	68		
	55	76	45	61	(128)	68	68	50	50		76	55	61	45	(232)
26.2 30.2	54	54	63	63	49	65	54	67	(59)	50	70	50	65		
	56	71	48	60	(128)	66	66	52	52		71	56	60	48	(232)
29.5 28.7	56	56	62	62	52	63	55	64	(59)	53	66	52	63		
	57	67	51	59	(128)	63	63	53	53		67	57	59	51	(232)
32.8 27.6	57	57	59	59	55	61	56	61	(59)	56	63	54	60		
	58	63	54	58	(128)	61	61	55	55		63	58	58	54	(232)
39.4 25.4	60	60	55	55	61	57	57	55	(59)	61	56	58	55		
	60	56	59	56	(127)	57	57	58	58		56	60	56	59	(232)
45.9 23.1	62	62	52	52	66	54	59	49	(59)	65	51	62	51		
	61	50	63	54	(128)	54	54	60	60		50	61	54	63	(232)
52.5 21.2	64	64	49	49	71	51	60	45	(59)	69	46	64	47		
	69	46	64	47	(90)	50	50	63	63		46	69	47	64	(270)
59.1 19.2	66	66	46	46	70	61	50	43	(18)	72	42	67	44		
	72	42	67	44	(90)	48	48	64	64		42	72	44	67	(269)

65.6	17.6	67	67	44	44	75	58	52	39(27)	75	37	69	41
		73	36	71	43(99)	45	45	66	66	36	73	43	71(260)
72.2	16.3	69	69	41	41	79	55	53	34(33)	78	34	72	38
		75	31	75	41(104)	43	43	68	68	31	74	42	75(255)
78.7	15.2	71	71	39	39	84	52	54	30(37)	82	29	75	34
		76	26	78	40(107)	40	40	70	70	26	76	40	78(252)
85.3	14.3	73	73	36	36	89	50	55	26(40)	86	25	77	31
		78	21	82	39(110)	37	37	72	72	21	77	39	82(249)

 HA= 68.6 HI= 29.5 GGW= 75.8 SL= 0.0 MAX(A,B,C,D)= 8.3 7.2 7.6 7.7

Main boom and fixed jib (jib angle 20.0 degrees)
 Length of main boom = 70.2 ft Length of jib = 29.5 ft
 Main boom sequence = 0-0-0-0-100 % LK = 14
 Counterweight = 75.8 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.			
		1(0)				2(...)							
		3(90)				4(...)							
		A	B	C	D	A	B	C	D	A	B	C	D
23.0	32.0	53	53	66	66	45	68	54	71(59)	47	73	48	68
		55	75	45	61(128)	68	68	50	50	75	55	61	45(232)
26.2	30.0	54	54	64	64	48	65	54	67(59)	50	70	50	65
		56	71	48	60(128)	66	66	52	52	71	56	60	48(232)
29.5	28.0	55	55	62	62	51	63	55	64(59)	52	67	52	63
		56	68	50	59(128)	64	64	53	53	68	56	59	50(232)
32.8	26.2	56	56	60	60	53	62	55	62(59)	54	64	53	61
		57	65	52	58(128)	62	62	54	54	65	57	58	52(232)
39.4	23.4	58	58	56	56	58	58	56	57(59)	58	58	56	56
		58	58	56	56(127)	58	58	56	56	58	58	56	56(232)
45.9	20.7	59	59	54	54	61	55	57	52(59)	61	54	58	53
		59	53	59	55(128)	55	55	58	58	53	59	55	59(232)
52.5	18.7	61	61	51	51	65	53	58	48(59)	64	49	61	50
		60	48	62	54(128)	52	52	60	60	48	60	54	62(232)
59.1	17.0	63	63	48	48	69	50	59	44(59)	67	45	63	47
		67	45	63	47(90)	50	50	61	61	45	67	47	63(270)
65.6	15.7	64	64	46	46	68	60	49	43(16)	70	41	66	43
		70	41	66	43(90)	47	47	63	63	41	70	43	66(270)
72.2	14.3	66	66	44	44	73	58	50	39(25)	73	37	68	41
		72	36	69	42(97)	45	45	65	65	36	72	42	69(262)
78.7	13.2	68	68	41	41	77	55	52	35(31)	76	34	70	38
		73	32	73	41(102)	43	43	67	67	32	73	41	73(257)
85.3	12.6	70	70	39	39	82	52	53	30(36)	80	30	73	35
		75	26	77	40(107)	40	40	69	69	26	74	40	77(252)

 HA= 70.2 HI= 29.5 GGW= 75.8 SL= 0.0 MAX(A,B,C,D)= 7.6 7.0 7.1 7.1

Main boom and fixed jib (jib angle 20.0 degrees)
 Length of main boom = 82.3 ft Length of jib = 29.5 ft
 Main boom sequence = 0-0-0-0-45-90 % LK = 20
 Counterweight = 75.8 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.
		1(0)				2(...)				
		3(90)				4(...)				

	4(...)				5(180)				6(...)				
	A	B	C	D	A	B	C	D	A	B	C	D	
26.2	31.1	55	55	63	63	50	65	55	67(59)	51	69	51	65
	56	71	49	60(128)	66	66	52	52	71	56	60	49(232)	
29.5	29.8	56	56	61	61	53	63	56	63(59)	54	66	53	62
	57	67	52	59(128)	63	63	54	54	67	57	59	52(232)	
32.8	28.4	58	58	59	59	56	61	56	60(59)	57	62	55	60
	58	63	55	58(128)	61	61	56	56	63	58	58	55(232)	
39.4	26.2	61	61	55	55	62	57	58	54(59)	62	56	59	54
	60	55	60	56(128)	57	57	59	59	55	60	56	60(232)	
45.9	24.5	63	63	51	51	68	54	60	48(59)	67	50	63	50
	62	48	65	54(128)	53	53	62	62	48	62	54	65(232)	
52.5	22.7	66	66	48	48	69	63	50	46(12)	71	44	66	46
	71	44	66	46(90)	50	50	64	64	44	71	46	66(270)	
59.1	20.9	68	68	45	45	75	59	52	40(25)	75	39	69	42
	74	38	71	43(97)	47	47	66	66	38	73	44	71(262)	
65.6	19.2	69	69	43	43	79	57	53	36(31)	78	35	72	39
	75	33	74	42(102)	44	44	68	68	33	75	42	74(257)	
72.2	17.9	71	71	40	40	83	54	54	32(36)	82	31	74	36
	77	28	78	41(106)	41	41	70	70	28	76	41	78(253)	
78.7	16.8	73	73	37	37	88	51	55	27(39)	85	27	77	33
	78	23	81	39(109)	39	39	72	72	23	78	40	82(250)	
85.3	15.7	75	75	35	35	92	49	56	24(41)	88	23	79	30
	79	18	85	38(111)	36	36	74	74	18	79	39	85(248)	
91.9	15.0	78	78	32	32	97	48	56	19(41)	93	19	83	26
	81	13	89	37(113)	34	34	77	77	13	80	38	89(246)	
98.4	13.9	79	79	30	30	100	46	57	16(42)	95	15	85	24
	82	9	92	36(114)	32	32	78	78	9	81	37	92(245)	

HA= 82.3 HI= 29.5 GGW= 75.8 SL= 0.0 MAX(A,B,C,D)= 9.3 7.6 8.5 8.5

Main boom and fixed jib (jib angle 20.0 degrees)
Length of main boom = 84.0 ft Length of jib = 29.5 ft
Main boom sequence = 0-0-0-0-45-100 % LK = 21
Counterweight = 75.8 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
	1(0)				2(...)								
	4(...)				5(180)				6(...)				
	A	B	C	D	A	B	C	D	A	B	C	D	
26.2	30.9	54	54	63	63	49	65	55	67(59)	51	69	51	65
	56	71	49	60(128)	66	66	52	52	71	56	60	49(232)	
29.5	29.1	56	56	61	61	52	63	55	64(59)	53	66	52	62
	57	67	51	59(128)	63	63	54	54	67	57	59	51(232)	
32.8	27.6	57	57	59	59	55	61	56	61(59)	55	63	54	60
	58	63	54	58(128)	62	62	55	55	63	58	58	54(232)	
39.4	24.5	59	59	56	56	59	58	57	56(59)	59	58	57	56
	59	57	57	56(127)	58	58	57	57	57	59	56	57(232)	
45.9	22.0	61	61	53	53	63	55	58	51(59)	63	52	60	52
	60	52	61	55(128)	54	54	59	59	52	60	55	61(232)	
52.5	20.1	63	63	50	50	68	52	59	47(59)	66	48	63	49
	66	48	63	49(90)	52	52	61	61	48	66	49	63(270)	
59.1	18.5	65	65	47	47	67	62	49	45(11)	70	43	65	45
	70	43	65	45(90)	49	49	63	63	43	70	45	65(270)	

65.6	17.0	66	66	45	45	72	59	51	41(23)	73	39	68	42
		72	39	69	43(95)	46	46	65	65	38	72	43	69(264)
72.2	15.7	68	68	43	43	76	56	52	37(29)	76	35	70	39
		73	34	72	42(101)	44	44	67	67	34	73	42	72(258)
78.7	14.6	69	69	40	40	80	54	53	33(34)	79	32	72	36
		75	29	75	41(105)	41	41	68	68	29	74	41	75(254)
85.3	13.7	71	71	38	38	84	52	54	29(37)	82	28	75	33
		76	24	79	39(108)	39	39	70	70	24	76	40	79(251)
91.9	13.0	74	74	35	35	89	49	55	24(40)	86	24	78	30
		77	19	83	38(111)	36	36	73	73	19	77	39	83(248)
98.4	12.3	76	76	33	33	94	47	56	21(42)	90	20	80	27
		79	15	86	37(112)	34	34	75	75	15	79	37	86(247)

HA= 84.0 HI= 29.5 GGW= 75.8 SL= 0.0 MAX(A,B,C,D)= 8.7 7.3 8.0 8.0

Main boom and fixed jib (jib angle 20.0 degrees)

Length of main boom = 96.5 ft Length of jib = 29.5 ft

Main boom sequence = 0-0-0-0-90-90 % LK = 28

Counterweight = 75.8 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.			
		1(0)		2(...)		3(90)		6(...)					
		A	B	C	D	A	B	C	D	A	B	C	D
29.5	30.0	56	56	61	61	53	63	56	63(59)	54	66	53	62
		58	67	52	59(128)	63	63	54	54	67	58	59	52(232)
32.8	28.9	58	58	59	59	57	61	57	60(59)	57	62	56	59
		58	62	55	58(127)	61	61	56	56	62	59	58	55(232)
39.4	26.9	61	61	55	55	63	57	58	53(59)	63	55	60	54
		61	55	61	56(128)	57	57	59	59	55	61	56	61(232)
45.9	25.1	64	64	51	51	69	53	60	48(59)	68	49	64	49
		68	49	64	49(90)	53	53	62	62	49	68	49	64(270)
52.5	23.4	67	67	48	48	70	62	51	45(16)	73	43	67	45
		73	43	67	45(90)	49	49	65	65	43	73	45	67(270)
59.1	21.6	69	69	45	45	76	59	52	39(27)	76	39	70	41
		74	37	72	43(99)	46	46	67	67	37	74	44	72(260)
65.6	20.1	71	71	42	42	81	56	54	35(33)	80	34	73	38
		76	32	76	42(104)	43	43	69	69	32	76	42	76(255)
72.2	18.5	72	72	39	39	85	53	55	31(37)	83	30	75	35
		77	27	79	41(107)	41	41	71	71	27	77	41	79(252)
78.7	17.0	74	74	37	37	88	51	55	27(39)	85	27	77	33
		78	23	82	39(109)	39	39	72	72	23	78	40	82(250)
85.3	15.9	75	75	35	35	92	49	56	24(41)	89	23	80	30
		79	18	85	38(111)	36	36	74	74	18	79	39	85(248)
91.9	14.8	77	77	33	33	95	47	57	20(43)	91	20	82	27
		80	14	88	38(113)	34	34	76	76	14	80	38	88(246)
98.4	13.7	78	78	31	31	98	47	56	18(41)	93	17	83	25
		81	11	90	37(114)	32	32	77	77	11	80	37	90(245)
105.0	12.3	78	78	30	30	99	46	56	16(42)	95	15	84	23
		84	9	91	33(110)	31	31	78	78	9	84	34	91(249)
111.5	11.0	79	79	29	29	100	45	56	15(42)	95	13	85	22
		85	7	91	32(110)	30	30	78	78	7	84	33	91(249)

HA= 96.5 HI= 29.5 GGW= 75.8 SL= 0.0 MAX(A,B,C,D)= 9.3 7.8 8.5 8.5

 Main boom and fixed jib (jib angle 20.0 degrees)
 Length of main boom = 100.4 ft Length of jib = 29.5 ft
 Main boom sequence = 0-0-0-0-100-100 % LK = 29
 Counterweight = 75.8 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]								(Pos.[Degrees])				0-360 Degr.
		1(0)				2(...)				3(90)				
		4(...)				5(180)				6(...)				
A	B	C	D	A	B	C	D	A	B	C	D			
29.5	29.3	56	56	61	61	52	63	55	64	(59)	53	66	53	62
		57	67	51	59(128)	63	63	54	54		67	57	59	51(232)
32.8	27.8	57	57	59	59	55	61	56	61	(59)	56	63	54	60
		58	63	54	58(128)	62	62	55	55		63	58	58	54(232)
39.4	25.1	60	60	56	56	60	58	57	55	(59)	60	57	58	56
		59	57	58	56(127)	58	58	58	58		57	59	56	58(232)
45.9	22.9	62	62	52	52	65	54	58	50	(59)	64	52	61	51
		61	51	62	55(128)	54	54	60	60		51	61	55	62(232)
52.5	21.2	64	64	49	49	70	51	60	45	(59)	68	47	64	48
		68	47	64	48(90)	51	51	62	62		47	68	48	64(270)
59.1	19.2	65	65	47	47	69	61	50	44	(15)	71	43	66	45
		71	43	66	45(90)	48	48	64	64		43	71	45	66(270)
65.6	17.6	67	67	44	44	74	58	51	40	(25)	74	39	69	41
		73	37	70	43(97)	46	46	66	66		37	73	43	70(262)
72.2	16.1	68	68	42	42	77	56	52	36	(30)	77	35	71	39
		74	33	73	42(102)	43	43	67	67		33	73	42	73(257)
78.7	14.6	69	69	41	41	80	54	53	33	(34)	79	32	72	37
		74	30	75	41(105)	42	42	68	68		29	74	41	75(254)
85.3	13.7	71	71	38	38	84	52	54	29	(37)	82	28	75	34
		76	25	78	40(108)	39	39	70	70		25	75	40	78(251)
91.9	12.6	72	72	37	37	87	50	54	26	(39)	84	26	76	32
		77	22	81	39(109)	37	37	71	71		21	77	39	81(250)
98.4	11.7	74	74	35	35	90	48	55	23	(41)	87	22	78	29
		78	18	83	38(111)	35	35	73	73		18	77	38	84(248)
105.0	10.8	75	75	33	33	93	47	56	21	(42)	89	20	80	27
		79	15	86	37(112)	34	34	74	74		15	78	37	86(247)
111.5	10.1	77	77	31	31	96	47	55	18	(41)	92	17	82	25
		79	11	89	36(114)	32	32	76	76		11	79	37	89(245)

 HA=100.4 HI= 29.5 GGW= 75.8 SL= 0.0 MAX(A,B,C,D)= 8.9 7.3 8.2 8.2

Main boom and fixed jib (jib angle 20.0 degrees)
 Length of main boom = 110.2 ft Length of jib = 29.5 ft
 Main boom sequence = 0-0-0-45-90-90 % LK = 36
 Counterweight = 75.8 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]								(Pos.[Degrees])				0-360 Degr.
		1(0)				2(...)				3(90)				
		4(...)				5(180)				6(...)				
A	B	C	D	A	B	C	D	A	B	C	D			
32.8	29.3	59	59	58	58	58	61	57	59	(59)	58	61	56	59
		59	62	56	58(127)	61	61	57	57		62	59	58	56(232)
39.4	27.6	62	62	54	54	65	56	59	52	(59)	64	54	61	53
		61	53	62	56(128)	56	56	60	60		53	61	56	62(232)

45.9	25.8	65	65	50	50	71	53	61	46(59)	70	48	65	49
		70	48	65	49(90)	52	52	63	63	48	70	49	65(270)
52.5	24.3	68	68	47	47	74	61	52	43(22)	75	42	69	44
		74	41	70	45(94)	49	49	66	66	41	74	45	70(265)
59.1	22.7	71	71	43	43	80	58	54	37(31)	79	36	73	40
		76	34	75	43(103)	45	45	69	69	34	76	43	75(256)
65.6	21.2	73	73	40	40	85	55	55	32(36)	83	32	75	36
		78	28	79	41(107)	42	42	71	71	28	77	42	79(252)
72.2	19.8	75	75	38	38	90	51	56	27(40)	87	27	78	33
		79	23	83	40(110)	39	39	73	73	22	79	41	83(249)
78.7	18.3	76	76	35	35	93	50	57	24(41)	90	23	80	30
		80	18	86	39(112)	37	37	75	75	18	79	39	86(247)
85.3	17.0	78	78	33	33	97	47	58	20(43)	93	20	83	27
		81	14	89	38(113)	34	34	77	77	14	81	38	89(246)
91.9	15.7	79	79	31	31	99	48	57	17(41)	95	17	84	25
		82	11	91	37(114)	33	33	78	78	11	81	37	91(245)
98.4	13.7	79	79	31	31	99	47	56	17(41)	95	16	84	24
		82	10	91	36(114)	32	32	78	78	10	81	37	91(245)
105.0	12.1	79	79	30	30	99	46	56	16(42)	95	15	84	23
		84	9	91	33(110)	31	31	78	78	9	84	34	91(249)
111.5	10.8	79	79	29	29	100	45	56	14(42)	95	13	85	22
		85	7	91	32(110)	30	30	78	78	7	84	33	91(249)
118.1	9.5	79	79	28	28	100	45	56	14(42)	96	12	85	22
		85	6	91	32(110)	29	29	78	78	6	84	32	92(249)
124.7	8.4	79	79	28	28	101	43	57	12(43)	96	11	85	21
		84	5	92	32(111)	28	28	78	78	5	84	32	92(248)

 HA=110.2 HI= 29.5 GGW= 75.8 SL= 0.0 MAX(A,B,C,D)= 9.4 7.8 8.6 8.6

Main boom and fixed jib (jib angle 20.0 degrees)

Length of main boom = 114.5 ft Length of jib = 29.5 ft

Main boom sequence = 0-0-0-45-100-100 % LK = 37

Counterweight = 75.8 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
	1(0)		2(...)		3(90)		6(...)						
	4(...)		5(180)		6(...)								
	A	B	C	D	A	B	C	D	A	B	C	D	
32.8	28.0	58	58	59	59	56	61	56	60(59)	56	62	55	60
		58	63	54	58(128)	61	61	56	56	63	58	58	54(232)
39.4	25.6	60	60	55	55	62	57	58	54(59)	61	56	59	55
		60	56	59	56(128)	57	57	58	58	56	60	56	59(232)
45.9	23.6	63	63	52	52	67	54	59	49(59)	66	50	62	50
		61	49	64	54(128)	54	54	61	61	49	61	54	64(232)
52.5	21.8	65	65	49	49	67	63	50	47(7)	70	45	65	46
		70	45	65	46(90)	50	50	63	63	45	70	46	65(270)
59.1	20.1	67	67	46	46	73	60	51	42(22)	74	41	68	43
		73	40	69	44(94)	47	47	65	65	40	73	44	69(265)
65.6	18.5	69	69	43	43	77	57	52	37(30)	77	36	71	40
		74	34	73	42(101)	45	45	67	67	34	74	43	73(258)
72.2	17.2	71	71	41	41	82	55	53	33(34)	80	32	73	37
		76	29	76	41(105)	42	42	69	69	29	75	41	77(254)
78.7	15.9	72	72	38	38	85	52	54	29(37)	83	29	75	34
		77	25	79	40(108)	40	40	71	71	25	76	40	80(251)

85.3	14.8	74	74	36	36	89	50	55	26(40)	86	25	78	31
		78	21	82	39(110)	37	37	73	73	21	78	39	83(249)
91.9	13.7	75	75	34	34	92	48	56	22(41)	89	22	80	29
		79	17	85	38(112)	35	35	74	74	17	78	39	85(247)
98.4	12.8	77	77	32	32	96	46	57	19(43)	91	19	82	26
		80	13	88	37(113)	33	33	76	76	13	79	37	88(246)
105.0	11.9	78	78	30	30	98	47	56	17(41)	94	16	84	24
		81	9	90	36(114)	32	32	77	77	9	80	37	91(245)
111.5	10.8	79	79	29	29	100	45	56	15(42)	95	14	84	22
		84	8	91	33(110)	30	30	78	78	8	84	33	91(249)
118.1	9.5	78	78	29	29	100	45	56	14(42)	95	13	85	22
		84	7	91	32(110)	30	30	78	78	7	84	33	91(249)
124.7	8.4	79	79	28	28	100	44	56	13(42)	96	12	85	21
		85	6	91	32(110)	29	29	78	78	6	84	32	92(249)

 HA=114.5 HI= 29.5 GGW= 75.8 SL= 0.0 MAX(A,B,C,D)= 9.3 7.8 8.5 8.5

Main boom and fixed jib (jib angle 20.0 degrees)

Length of main boom = 124.3 ft Length of jib = 29.5 ft

Main boom sequence = 0-0-0-90-90-90 % LK = 45

Counterweight = 75.8 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.			
		1(0)		2(...)		3(90)		6(...)					
		4(...)		5(180)		6(...)							
		A	B	C	D	A	B	C	D	A	B	C	D
39.4	27.6	62	62	54	54	65	56	59	52(59)	65	54	61	53
		62	53	62	56(128)	56	56	60	60	53	62	56	62(232)
45.9	26.0	66	66	50	50	66	65	50	50(1)	71	47	66	48
		71	47	66	48(90)	52	52	64	64	47	71	48	66(270)
52.5	24.7	69	69	46	46	75	60	53	41(25)	76	41	70	43
		75	39	71	45(97)	48	48	67	67	39	75	45	71(262)
59.1	23.1	72	72	43	43	82	57	54	35(33)	81	35	74	39
		77	32	77	43(104)	44	44	70	70	32	77	43	77(255)
65.6	21.8	74	74	39	39	88	54	56	30(38)	85	30	77	35
		79	26	81	41(108)	41	41	73	73	26	78	41	81(251)
72.2	20.3	76	76	37	37	92	50	57	25(41)	89	25	80	31
		80	21	85	40(111)	38	38	75	75	21	80	40	85(248)
78.7	19.0	78	78	34	34	97	48	58	21(43)	92	21	82	28
		81	16	89	39(113)	35	35	77	77	16	81	39	89(246)
85.3	17.6	80	80	32	32	99	48	57	18(41)	95	17	85	25
		83	11	92	37(114)	33	33	78	78	11	82	38	92(245)
91.9	15.4	79	79	31	31	99	48	56	17(41)	95	16	84	24
		82	10	91	37(114)	32	32	78	78	10	82	37	92(245)
98.4	13.4	79	79	31	31	99	46	57	17(42)	95	16	84	24
		82	9	91	36(114)	32	32	78	78	9	81	37	91(245)
105.0	11.9	79	79	30	30	100	46	56	15(42)	95	14	84	23
		84	9	91	33(110)	31	31	78	78	8	84	34	91(249)
111.5	10.6	79	79	29	29	100	45	56	14(42)	96	13	85	22
		85	7	91	32(110)	30	30	78	78	7	84	33	92(249)
118.1	9.3	79	79	28	28	100	45	56	13(42)	96	12	85	21
		85	6	91	32(110)	29	29	78	78	6	84	32	92(249)
124.7	8.2	79	79	28	28	101	43	56	12(43)	96	11	85	21
		84	5	92	32(111)	28	28	78	78	5	84	32	92(248)

131.2 7.3 79 79 27 27 102 43 56 11(43) 97 10 86 19
 85 3 93 31(111) 27 27 79 79 3 84 32 93(248)
 137.8 6.2 79 79 26 26 102 42 56 11(43) 97 9 86 19
 85 3 93 31(111) 27 27 78 78 3 84 31 93(248)

 HA=124.3 HI= 29.5 GGW= 75.8 SL= 0.0 MAX(A,B,C,D)= 9.5 7.8 8.7 8.7

Main boom and fixed jib (jib angle 20.0 degrees)
 Length of main boom = 130.9 ft Length of jib = 29.5 ft
 Main boom sequence = 0-0-0-100-100-100 % LK = 46
 Counterweight = 75.8 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
		1(0)		2(...)		3(90)		6(...)						
		A	B	C	D	A	B	C	D		A	B	C	D
39.4	25.6	60	60	55	55	62	57	58	54(59)	62	56	59	54	
		60	55	60	56(128)	57	57	59	59	55	60	56	60(232)	
45.9	23.6	63	63	51	51	68	54	59	48(59)	66	50	63	50	
		62	49	64	54(128)	53	53	61	61	49	62	54	64(232)	
52.5	22.0	66	66	48	48	68	63	50	46(12)	71	44	66	46	
		71	44	66	46(90)	50	50	64	64	44	71	46	66(270)	
59.1	20.5	68	68	45	45	75	59	52	40(26)	75	39	69	42	
		74	38	71	43(97)	47	47	66	66	38	74	43	71(262)	
65.6	19.2	70	70	42	42	80	56	54	35(33)	79	34	73	38	
		75	32	75	42(104)	43	43	69	69	32	75	42	75(255)	
72.2	17.9	72	72	39	39	85	53	55	30(37)	83	30	75	35	
		77	27	79	40(107)	41	41	71	71	26	77	41	79(252)	
78.7	16.5	74	74	37	37	89	51	55	27(39)	86	26	77	32	
		78	22	82	39(110)	38	38	73	73	22	78	40	82(249)	
85.3	15.2	75	75	35	35	92	49	56	24(41)	88	23	79	30	
		79	18	85	38(111)	36	36	74	74	18	79	39	85(248)	
91.9	14.1	77	77	33	33	95	47	57	20(43)	91	20	81	27	
		80	14	88	37(113)	34	34	75	75	14	79	38	88(246)	
98.4	12.8	77	77	32	32	96	47	56	19(41)	92	18	82	25	
		81	12	89	36(113)	33	33	76	76	12	80	37	89(246)	
105.0	11.9	79	79	30	30	99	46	56	15(42)	95	15	84	23	
		84	9	91	33(110)	31	31	78	78	9	84	34	91(249)	
111.5	10.6	79	79	29	29	100	45	56	14(42)	95	13	85	22	
		85	7	91	32(110)	30	30	78	78	7	84	33	91(249)	
118.1	9.3	79	79	28	28	100	45	56	14(42)	95	13	85	22	
		84	7	91	32(110)	29	29	78	78	6	84	32	91(249)	
124.7	8.2	79	79	28	28	101	44	56	13(42)	96	11	85	21	
		85	5	92	31(110)	28	28	78	78	5	84	32	92(249)	
131.2	7.3	79	79	27	27	102	43	56	11(43)	97	10	86	20	
		85	4	93	31(111)	28	28	78	78	4	84	32	93(248)	
137.8	6.4	80	80	26	26	103	42	56	10(43)	97	9	86	19	
		85	2	93	30(111)	27	27	79	79	2	84	31	94(248)	
144.4	5.5	80	80	26	26	103	42	56	9(43)	98	8	87	18	
		85	1	94	30(111)	26	26	79	79	1	84	31	94(248)	

 HA=130.9 HI= 29.5 GGW= 75.8 SL= 0.0 MAX(A,B,C,D)= 9.6 7.8 8.7 8.7

Main boom and fixed jib (jib angle 20.0 degrees)

Length of main boom = 138.1 ft Length of jib = 29.5 ft
 Main boom sequence = 0-0-45-90-90-90 % LK = 54
 Counterweight = 75.8 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.			
		1(0)				2(...)							
		4(...)				5(180)				6(...)			
		A	B	C	D	A	B	C	D	A	B	C	D
45.9	26.2	67	67	49	49	69	64	51	48(9)	72	46	67	47
		72	46	67	47(90)	51	51	65	65	46	72	47	67(270)
52.5	24.9	70	70	45	45	78	60	53	40(28)	78	39	71	42
		76	38	73	44(99)	47	47	68	68	37	75	44	73(260)
59.1	23.6	73	73	41	41	84	56	55	33(35)	83	33	75	37
		78	30	79	42(106)	43	43	71	71	30	78	43	79(253)
65.6	22.3	76	76	38	38	91	52	57	28(40)	88	28	79	33
		80	23	84	41(110)	40	40	74	74	23	79	41	84(249)
72.2	20.9	78	78	35	35	96	49	58	23(42)	92	22	82	29
		82	17	88	39(112)	37	37	77	77	17	81	39	88(247)
78.7	19.6	80	80	32	32	100	49	58	19(41)	96	18	85	26
		83	12	92	38(114)	34	34	79	79	12	82	38	92(245)
85.3	17.0	80	80	32	32	99	48	57	18(41)	95	17	85	25
		82	11	92	37(114)	33	33	78	78	11	82	38	92(245)
91.9	14.8	79	79	31	31	99	47	57	17(42)	95	16	84	24
		82	10	91	36(114)	32	32	78	78	10	81	37	92(245)
98.4	13.0	79	79	30	30	100	46	57	16(42)	95	15	85	23
		85	9	91	33(110)	31	31	78	78	9	84	34	91(249)
105.0	11.2	79	79	30	30	100	45	56	15(42)	95	14	84	23
		84	8	91	33(110)	30	30	78	78	8	84	34	91(249)
111.5	9.9	79	79	29	29	100	45	56	14(42)	96	13	85	22
		85	7	91	32(110)	30	30	78	78	7	84	33	92(249)
118.1	8.8	79	79	28	28	101	43	57	12(43)	97	11	86	21
		85	5	93	32(111)	28	28	78	78	5	84	32	93(248)
124.7	7.7	79	79	27	27	102	43	56	11(43)	97	10	86	20
		85	4	93	31(111)	28	28	79	79	4	84	32	93(248)
131.2	6.6	79	79	27	27	102	42	56	11(43)	97	9	86	19
		85	3	93	31(111)	27	27	79	79	3	84	32	93(248)
137.8	5.7	80	80	26	26	103	42	56	10(43)	98	8	86	19
		85	2	94	30(111)	26	26	79	79	2	84	31	94(248)
144.4	4.9	80	80	25	25	103	41	56	9(43)	98	7	87	18
		85	1	94	30(111)	26	26	79	79	1	84	30	94(248)
150.9	4.0	80	80	25	25	103	41	56	9(43)	98	7	87	17
		85	0	94	29(111)	25	25	79	79	0	84	30	94(248)

HA=138.1 HI= 29.5 GGW= 75.8 SL= 0.0 MAX(A,B,C,D)= 9.6 7.8 8.7 8.8

Main boom and fixed jib (jib angle 20.0 degrees)
 Length of main boom = 145.0 ft Length of jib = 29.5 ft
 Main boom sequence = 0-0-45-100-100-100 % LK = 55
 Counterweight = 75.8 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.			
		1(0)				2(...)							
		4(...)				5(180)				6(...)			
		A	B	C	D	A	B	C	D	A	B	C	D

45.9	23.8	64	64	51	51	69	53	60	47(59)	68	49	64	49
		68	49	64	49(90)	52	52	62	62	49	68	49	64(270)
52.5	22.3	67	67	47	47	71	62	51	44(17)	73	43	67	45
		73	43	67	45(90)	49	49	65	65	43	73	45	68(269)
59.1	20.9	69	69	44	44	78	58	53	38(29)	77	37	71	40
		75	35	73	43(101)	45	45	68	68	35	75	43	73(258)
65.6	19.6	72	72	41	41	83	55	54	33(35)	82	32	74	37
		77	29	78	41(106)	42	42	70	70	29	76	42	78(253)
72.2	18.3	74	74	38	38	88	52	56	28(39)	86	28	77	33
		78	24	82	40(109)	39	39	72	72	24	78	40	82(250)
78.7	17.2	76	76	35	35	93	49	57	24(41)	89	23	80	30
		80	18	86	39(112)	37	37	75	75	18	79	39	86(247)
85.3	15.9	77	77	33	33	96	47	58	20(43)	92	20	82	27
		81	14	88	38(113)	34	34	76	76	14	80	38	89(246)
91.9	14.8	79	79	31	31	99	47	56	17(41)	95	16	84	24
		82	10	91	37(114)	32	32	78	78	10	81	37	91(245)
98.4	13.0	79	79	30	30	100	46	57	16(42)	95	15	85	23
		85	9	91	34(110)	31	31	78	78	9	84	34	91(249)
105.0	11.5	79	79	29	29	100	45	56	15(42)	96	14	85	22
		85	8	91	33(110)	30	30	78	78	8	84	33	91(249)
111.5	9.9	79	79	29	29	100	45	56	14(42)	95	13	85	22
		84	7	91	32(110)	30	30	78	78	7	84	33	91(249)
118.1	8.8	79	79	28	28	101	44	56	13(42)	96	11	85	21
		85	6	92	31(110)	29	29	78	78	5	84	32	92(249)
124.7	7.7	79	79	27	27	102	43	56	12(43)	97	10	86	20
		85	4	93	31(111)	28	28	78	78	4	84	32	93(248)
131.2	6.6	79	79	27	27	102	43	56	11(43)	97	10	86	20
		84	3	93	31(111)	27	27	78	78	3	84	32	93(248)
137.8	5.7	79	79	26	26	103	42	56	10(43)	97	9	86	19
		85	2	93	30(111)	27	27	79	79	2	84	31	93(248)
144.4	4.9	79	79	26	26	103	42	56	9(43)	97	8	86	18
		85	1	94	30(111)	26	26	79	79	1	84	31	94(248)
150.9	4.0	79	79	25	25	103	41	56	9(43)	97	7	86	18
		85	1	93	30(111)	26	26	79	79	1	84	30	94(248)
157.5	3.3	80	80	25	25	103	41	56	8(43)	98	6	87	17
		85	0	95	29(111)	25	25	79	79	0	84	29	95(248)

 HA=145.0 HI= 29.5 GGW= 75.8 SL= 0.0 MAX(A,B,C,D)= 9.6 7.8 8.8 8.8

Main boom and fixed jib (jib angle 20.0 degrees)
 Length of main boom = 152.2 ft Length of jib = 29.5 ft
 Main boom sequence = 0-0-90-90-90-90 % LK = 62
 Counterweight = 75.8 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
	1(0)		2(...)		3(90)		6(...)						
	A	B	C	D	A	B	C	D	A	B	C	D	
45.9	26.5	67	67	49	49	71	64	51	46(14)	73	45	68	46
		73	45	68	46(90)	50	50	65	65	45	73	46	68(270)
52.5	25.1	71	71	45	45	79	59	54	38(30)	79	38	72	41
		76	36	74	44(101)	46	46	69	69	36	76	44	75(258)
59.1	23.6	74	74	41	41	86	55	56	32(36)	84	32	76	37
		78	29	80	42(107)	43	43	72	72	29	78	42	80(252)

65.6	22.3	76	76	37	37	92	52	57	26(40)	89	26	80	32
		80	22	85	40(111)	39	39	75	75	22	80	41	85(248)
72.2	21.2	79	79	34	34	98	48	59	21(43)	94	21	84	28
		83	15	90	39(113)	36	36	78	78	15	82	39	90(246)
78.7	19.2	80	80	32	32	100	49	57	18(41)	96	17	85	25
		83	11	92	37(114)	34	34	79	79	11	83	38	92(245)
85.3	16.5	80	80	31	31	100	47	58	17(42)	96	17	85	25
		83	10	92	37(114)	33	33	78	78	10	82	37	92(245)
91.9	14.3	79	79	30	30	100	46	57	16(42)	95	15	85	24
		82	9	92	36(114)	32	32	78	78	9	82	37	92(245)
98.4	12.6	79	79	30	30	100	46	57	15(42)	96	14	85	23
		85	8	91	33(110)	31	31	78	78	8	84	34	92(249)
105.0	10.8	79	79	29	29	100	45	56	15(42)	95	13	85	22
		85	7	91	33(110)	30	30	78	78	7	84	33	91(249)
111.5	9.5	79	79	28	28	101	45	56	13(42)	96	12	85	21
		85	6	92	32(110)	29	29	78	78	6	84	32	92(249)
118.1	8.2	79	79	28	28	101	43	57	12(43)	96	11	85	21
		84	5	92	32(111)	28	28	78	78	5	84	32	92(248)
124.7	7.1	79	79	27	27	102	43	56	11(43)	97	10	86	20
		84	4	93	31(111)	28	28	78	78	4	84	32	93(248)
131.2	6.2	80	80	26	26	103	42	56	10(43)	97	9	86	19
		85	2	94	30(111)	27	27	79	79	2	84	31	94(248)
137.8	5.3	80	80	25	25	103	42	56	9(43)	98	7	87	18
		86	1	94	30(111)	26	26	79	79	1	85	30	94(248)
144.4	4.2	79	79	25	25	103	41	56	9(43)	97	8	86	18
		85	1	93	30(111)	26	26	79	79	1	84	30	94(248)
150.9	3.3	79	79	25	25	103	41	56	9(43)	97	7	86	18
		85	1	93	30(111)	26	26	79	79	1	84	30	94(248)
157.5	2.6	79	79	24	24	103	41	56	8(43)	98	6	87	17
		85	0	95	28(111)	25	25	79	79	0	84	29	95(248)

 HA=152.2 HI= 29.5 GGW= 75.8 SL= 0.0 MAX(A,B,C,D)= 9.6 7.9 8.8 8.8

Main boom and fixed jib (jib angle 20.0 degrees)

Length of main boom = 161.4 ft Length of jib = 29.5 ft
 Main boom sequence = 0-0-100-100-100-100 % LK = 63
 Counterweight = 75.8 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.			
		1(0)		2(...)		3(90)		6(...)					
		4(...)		5(180)		6(...)							
		A	B	C	D	A	B	C	D				
52.5	22.3	67	67	47	47	72	61	52	43(21)	74	42	68	44
		73	41	69	44(93)	48	48	66	66	41	73	45	69(266)
59.1	20.9	70	70	43	43	79	57	53	37(31)	79	36	72	39
		76	34	74	43(102)	45	45	69	69	34	75	43	75(257)
65.6	19.8	73	73	40	40	86	54	55	31(37)	84	30	76	35
		77	27	80	41(108)	41	41	71	71	27	77	41	80(251)
72.2	18.5	75	75	37	37	91	51	56	26(40)	88	26	79	32
		79	21	84	39(110)	38	38	74	74	21	79	40	84(249)
78.7	17.2	77	77	34	34	95	49	57	22(42)	91	22	81	28
		81	16	87	38(112)	36	36	76	76	16	80	39	87(247)
85.3	15.9	78	78	32	32	98	48	57	19(41)	94	18	84	26
		81	12	90	37(114)	33	33	77	77	12	81	38	90(245)

91.9	14.3	79	79	30	30	100	46	57	16(42)	96	15	85	24
	82	9	92	36(114)	32	32	78	78		9	82	37	92(245)
98.4	12.3	79	79	30	30	100	46	57	15(42)	95	15	85	23
	85	9	91	33(110)	31	31	78	78		9	84	34	91(249)
105.0	10.8	79	79	29	29	100	45	56	14(42)	96	13	85	22
	85	7	91	32(110)	30	30	78	78		7	84	33	92(249)
111.5	9.5	79	79	28	28	101	45	56	13(42)	96	12	85	21
	85	6	92	32(110)	29	29	78	78		6	84	32	92(249)
118.1	8.2	79	79	28	28	101	43	57	12(43)	96	11	85	21
	84	5	92	32(111)	28	28	78	78		5	84	32	93(248)
124.7	7.1	79	79	27	27	102	43	56	11(43)	97	10	86	20
	85	4	93	31(111)	28	28	78	78		4	84	32	93(248)
131.2	6.2	80	80	26	26	103	42	56	10(43)	98	9	86	19
	85	2	94	30(111)	27	27	79	79		2	84	31	94(248)
137.8	5.1	79	79	26	26	103	42	56	10(43)	97	8	86	19
	85	2	93	30(111)	26	26	79	79		2	84	31	93(248)
144.4	4.2	79	79	25	25	103	41	56	9(43)	97	8	86	18
	85	1	93	30(111)	26	26	79	79		1	84	30	94(248)
150.9	3.3	79	79	25	25	103	41	56	9(43)	97	7	86	18
	85	1	93	30(111)	26	26	79	79		1	84	30	94(248)
157.5	2.6	79	79	24	24	103	41	56	8(43)	98	6	87	17
	85	0	95	28(111)	25	25	79	79		0	84	29	95(248)

 HA=161.4 HI= 29.5 GGW= 75.8 SL= 0.0 MAX(A,B,C,D)= 9.6 7.8 8.8 8.8

Main boom and fixed jib (jib angle 20.0 degrees)

Length of main boom = 166.0 ft Length of jib = 29.5 ft

Main boom sequence = 0-45-90-90-90-90 % LK = 68

Counterweight = 75.8 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.			
		1(0)		2(...)		3(90)		6(...)					
		4(...)		5(180)		6(...)							
		A	B	C	D	A	B	C	D				
52.5	25.1	72	72	44	44	81	58	54	37(32)	80	37	73	40
	77	34	76	43(103)	45	45	70	70		34	77	44	76(256)
59.1	23.8	75	75	40	40	89	54	56	30(38)	86	30	78	35
	79	26	82	42(109)	41	41	73	73		26	79	42	82(250)
65.6	22.5	78	78	36	36	95	50	58	24(42)	91	24	82	30
	82	19	87	40(112)	38	38	76	76		19	81	40	88(247)
72.2	21.4	81	81	33	33	101	49	58	19(41)	97	18	86	26
	84	12	93	38(114)	34	34	79	79		12	83	39	93(245)
78.7	18.3	80	80	32	32	101	48	58	18(42)	96	17	85	25
	83	11	92	37(114)	33	33	79	79		11	82	38	92(245)
85.3	15.7	80	80	31	31	100	47	57	17(42)	96	16	85	24
	82	10	92	37(114)	32	32	78	78		10	82	37	92(245)
91.9	13.7	80	80	30	30	101	46	57	15(42)	96	15	85	23
	85	9	92	33(110)	31	31	78	78		8	85	34	92(249)
98.4	11.7	79	79	29	29	100	45	56	15(42)	96	14	85	22
	85	8	91	33(110)	30	30	78	78		7	84	33	92(249)
105.0	10.1	79	79	28	28	101	45	56	13(42)	96	12	85	21
	85	6	92	32(110)	29	29	78	78		6	84	32	92(249)
111.5	8.8	80	80	28	28	102	43	57	12(43)	97	11	86	20
	85	5	93	32(111)	28	28	79	79		4	84	32	93(248)

118.1	7.5	79	79	27	27	102	43	56	11(43)	97	10	86	20
	85	4	93	31(111)		28	28	79	79	4	84	32	93(248)
124.7	6.4	80	80	26	26	103	42	56	10(43)	97	9	86	19
	85	2	93	30(111)		27	27	79	79	2	84	31	94(248)
131.2	5.3	79	79	26	26	103	42	56	10(43)	98	8	86	18
	85	2	94	30(111)		26	26	79	79	2	84	31	94(248)
137.8	4.2	79	79	26	26	103	41	56	9(43)	97	8	86	18
	85	1	93	30(111)		26	26	79	79	1	84	31	94(248)
144.4	3.3	79	79	25	25	103	41	56	9(43)	97	7	86	18
	85	1	94	30(111)		26	26	79	79	0	84	30	94(248)
150.9	2.4	79	79	25	25	103	41	56	9(43)	97	7	86	17
	85	0	93	29(111)		25	25	79	79	0	84	30	94(248)

 HA=166.0 HI= 29.5 GGW= 75.8 SL= 0.0 MAX(A,B,C,D)= 9.5 7.9 8.7 8.7

Main boom and fixed jib (jib angle 20.0 degrees)

Length of main boom = 175.5 ft Length of jib = 29.5 ft

Main boom sequence = 0-45-100-100-100-100 % LK = 69

Counterweight = 75.8 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.			
		1(0)		2(...)		3(90)		4(...)					
		A	B	C	D	A	B	C	D				
52.5	22.3	68	68	46	46	74	60	52	41(24)	75	40	69	43
		74	39	70	44(96)	47	47	66	66	39	74	44	71(263)
59.1	20.9	71	71	42	42	81	56	54	35(33)	80	34	73	38
		76	32	76	42(104)	44	44	69	69	32	76	42	76(255)
65.6	19.8	74	74	39	39	88	53	56	29(38)	85	29	77	34
		78	25	82	41(109)	40	40	72	72	25	78	41	82(250)
72.2	18.7	77	77	35	35	94	50	57	24(41)	90	23	81	30
		80	18	86	39(112)	37	37	75	75	18	80	40	86(247)
78.7	17.6	79	79	32	32	98	49	57	19(41)	94	19	84	26
		82	13	91	38(114)	34	34	78	78	13	81	38	91(245)
85.3	15.7	80	80	31	31	100	47	57	17(42)	96	16	85	24
		82	10	92	37(114)	32	32	78	78	10	82	37	92(245)
91.9	13.7	80	80	30	30	101	46	57	15(42)	96	15	85	23
		85	9	92	33(110)	31	31	78	78	9	85	34	92(249)
98.4	11.7	79	79	29	29	100	45	56	15(42)	96	14	85	22
		85	8	91	33(110)	30	30	78	78	8	84	33	92(249)
105.0	10.1	79	79	28	28	101	45	56	13(42)	96	12	85	21
		85	6	92	32(110)	29	29	78	78	6	84	33	92(249)
111.5	8.8	79	79	28	28	102	43	57	12(43)	97	11	86	21
		85	5	93	32(111)	28	28	79	79	4	84	32	93(248)
118.1	7.5	79	79	27	27	102	43	56	11(43)	97	10	86	20
		85	4	93	31(111)	28	28	79	79	4	84	32	93(248)
124.7	6.4	80	80	26	26	103	42	56	10(43)	97	9	86	19
		85	2	93	31(111)	27	27	79	79	2	84	31	94(248)
131.2	5.3	79	79	26	26	103	42	56	10(43)	97	8	86	18
		85	2	94	30(111)	26	26	79	79	2	84	31	94(248)
137.8	4.2	79	79	26	26	102	42	56	10(43)	97	8	86	18
		85	2	93	30(111)	26	26	79	79	1	84	31	93(248)
144.4	3.3	79	79	25	25	103	41	56	9(43)	97	7	86	18
		85	1	93	30(111)	26	26	79	79	1	84	30	94(248)

150.9 2.4 79 79 25 25 103 41 56 9(43) 97 7 86 17
 84 0 93 29(111) 25 25 78 78 0 84 30 94(248)

HA=175.5 HI= 29.5 GGW= 75.8 SL= 0.0 MAX(A,B,C,D)= 9.5 7.9 8.7 8.7

Main boom and fixed jib (jib angle 20.0 degrees)
 Length of main boom = 180.1 ft Length of jib = 29.5 ft
 Main boom sequence = 0-90-90-90-90-90 % LK = 73
 Counterweight = 75.8 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
	1(0)				2(...)								
	3(90)				4(...)								
	A	B	C	D	A	B	C	D	A	B	C	D	
59.1	23.6	75	75	39	39	90	53	57	29(39)	87	29	78	34
		80	25	83	41(109)	41	41	74	74	25	80	41	83(250)
65.6	22.5	79	79	35	35	97	50	58	22(42)	93	22	83	29
		82	17	89	40(113)	37	37	77	77	17	82	40	89(246)
72.2	20.7	81	81	32	32	101	48	58	18(42)	97	18	86	26
		84	12	93	38(114)	34	34	79	79	11	83	38	93(245)
78.7	17.6	80	80	31	31	101	47	58	17(42)	96	17	86	25
		83	10	93	37(114)	33	33	79	79	10	83	37	93(245)
85.3	15.0	80	80	31	31	100	47	57	16(42)	96	15	85	24
		83	9	92	36(114)	32	32	78	78	9	82	37	92(245)
91.9	13.0	80	80	30	30	101	46	57	15(42)	96	14	86	22
		86	8	92	33(110)	30	30	79	79	8	85	34	92(249)
98.4	11.0	79	79	29	29	101	45	56	14(42)	96	13	85	22
		85	7	92	32(110)	30	30	78	78	7	84	33	92(249)
105.0	9.5	79	79	28	28	102	44	57	13(43)	97	11	86	21
		85	5	93	32(111)	29	29	79	79	5	84	33	93(248)
111.5	8.2	80	80	27	27	103	43	57	11(43)	97	10	86	20
		85	4	93	31(111)	28	28	79	79	4	84	32	93(248)
118.1	6.8	80	80	26	26	103	43	56	11(43)	97	9	86	19
		85	3	93	31(111)	27	27	79	79	3	84	31	94(248)
124.7	5.7	80	80	26	26	103	42	56	9(43)	98	8	87	18
		86	1	94	30(111)	26	26	79	79	1	85	31	94(248)
131.2	4.4	79	79	26	26	102	42	56	10(43)	97	8	86	18
		85	2	93	30(111)	26	26	79	79	2	84	31	93(248)
137.8	3.5	79	79	25	25	103	41	56	9(43)	98	7	87	17
		85	0	94	29(111)	25	25	79	79	0	84	30	94(248)
144.4	2.4	79	79	25	25	102	41	56	9(43)	97	7	86	17
		84	1	93	29(111)	25	25	78	78	0	84	30	93(248)

HA=180.1 HI= 29.5 GGW= 75.8 SL= 0.0 MAX(A,B,C,D)= 9.6 7.9 8.7 8.8

Main boom and fixed jib (jib angle 20.0 degrees)
 Length of main boom = 191.9 ft Length of jib = 29.5 ft
 Main boom sequence = 0-100-100-100-100-100 % LK = 74
 Counterweight = 75.8 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.			
	1(0)				2(...)							
	3(90)				4(...)							
	A	B	C	D	A	B	C	D	A	B	C	D

59.1	20.7	72	72	41	41	83	55	54	33(35)	82	33	74	37
		77	30	77	42(106)	43	43	70	70	30	76	42	78(253)
65.6	19.6	75	75	38	38	90	52	56	28(39)	87	27	78	33
		79	23	83	40(110)	39	39	73	73	23	78	41	83(249)
72.2	18.7	78	78	34	34	96	49	58	22(42)	92	21	82	28
		81	16	88	39(113)	36	36	76	76	16	80	39	89(246)
78.7	17.4	80	80	32	32	101	47	58	17(42)	96	17	85	25
		83	11	92	37(114)	33	33	79	79	11	82	38	92(245)
85.3	15.0	80	80	30	30	101	47	57	16(42)	96	15	85	24
		86	9	92	34(110)	32	32	78	78	9	85	34	92(249)
91.9	12.8	79	79	30	30	101	46	57	15(42)	96	14	85	23
		85	8	92	33(110)	31	31	78	78	8	85	34	92(249)
98.4	11.0	80	80	29	29	101	45	56	14(42)	97	13	86	22
		86	7	92	32(110)	30	30	78	78	6	85	33	92(249)
105.0	9.5	80	80	28	28	102	44	57	12(43)	97	11	86	21
		85	5	93	32(111)	29	29	79	79	5	84	33	93(248)
111.5	7.9	79	79	27	27	102	43	57	12(43)	97	11	86	20
		85	4	93	32(111)	28	28	79	79	4	84	32	93(248)
118.1	6.8	80	80	26	26	103	42	56	10(43)	98	9	87	19
		85	2	94	31(111)	27	27	79	79	2	85	31	94(248)
124.7	5.5	80	80	26	26	103	42	56	10(43)	97	8	86	19
		85	2	94	30(111)	26	26	79	79	2	84	31	94(248)
131.2	4.4	79	79	26	26	103	42	56	9(43)	98	8	86	18
		85	1	94	30(111)	26	26	79	79	1	84	30	94(248)
137.8	3.3	79	79	25	25	103	41	56	9(43)	97	7	86	18
		85	1	93	30(111)	26	26	79	79	1	84	30	94(248)
144.4	2.4	79	79	25	25	103	41	56	9(43)	97	7	86	17
		85	0	94	29(111)	25	25	79	79	0	84	30	94(248)

 HA=191.9 HI= 29.5 GGW= 75.8 SL= 0.0 MAX(A,B,C,D)= 9.6 7.9 8.7 8.7

Main boom and fixed jib (jib angle 20.0 degrees)
 Length of main boom = 193.9 ft Length of jib = 29.5 ft
 Main boom sequence = 45-90-90-90-90-90 % LK = 76
 Counterweight = 75.8 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
	1(0)		2(...)		3(90)		6(...)						
	A	B	C	D	A	B	C	D					
59.1	23.6	77	77	38	38	92	52	57	27(40)	89	27	80	33
		81	22	85	41(111)	40	40	75	75	22	80	41	85(248)
65.6	22.3	80	80	34	34	99	49	59	21(43)	95	21	84	28
		83	15	91	39(113)	36	36	78	78	15	83	39	91(246)
72.2	19.0	80	80	33	33	99	49	57	19(41)	95	19	84	26
		82	13	91	38(114)	34	34	78	78	13	82	39	91(245)
78.7	16.1	79	79	32	32	99	48	57	18(41)	95	17	84	25
		82	11	91	37(114)	33	33	78	78	11	82	38	91(245)
85.3	13.9	79	79	30	30	100	46	57	16(42)	96	15	85	24
		85	9	91	34(110)	31	31	78	78	9	84	34	91(249)
91.9	11.7	79	79	30	30	100	45	57	15(42)	96	14	85	23
		85	8	91	33(110)	30	30	78	78	8	84	34	91(249)
98.4	9.9	79	79	28	28	101	45	56	14(42)	96	12	85	22
		85	6	92	32(110)	29	29	78	78	6	84	33	92(249)

105.0	8.2	79	79	28	28	101	44	56	13(42)	96	12	85	21
	85	6	92	32(110)		29	29	78	78	6	84	32	92(249)
111.5	6.8	79	79	27	27	101	43	56	12(43)	97	10	86	20
	84	4	93	31(111)		28	28	78	78	4	84	32	93(248)
118.1	5.5	79	79	26	26	102	42	56	11(43)	97	9	86	19
	84	3	93	31(111)		27	27	78	78	3	84	31	93(248)
124.7	4.4	79	79	26	26	102	42	56	10(43)	97	8	86	18
	85	2	93	30(111)		26	26	79	79	2	84	31	93(248)
131.2	3.3	79	79	25	25	103	41	56	9(43)	97	7	86	18
	85	1	93	30(111)		26	26	79	79	1	84	30	94(248)
137.8	2.2	79	79	25	25	102	41	56	9(43)	97	7	86	18
	84	1	93	29(111)		25	25	78	78	0	84	30	93(248)

HA=193.9 HI= 29.5 GGW= 75.8 SL= 0.0 MAX(A,B,C,D)= 9.5 7.8 8.7 8.7

Main boom and fixed jib (jib angle 20.0 degrees)

Length of main boom = 205.7 ft Length of jib = 29.5 ft
 Main boom sequence = 45-100-100-100-100-100 % LK = 77
 Counterweight = 75.8 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
	1(0)		2(...)		3(90)		6(...)						
	A	B	C	D	A	B	C	D					
65.6	19.6	76	76	37	37	92	50	57	25(41)	89	25	80	31
	80	21	85	40(111)		38	38	75	75	20	80	40	85(248)
72.2	18.3	78	78	33	33	98	48	58	20(43)	93	20	83	27
	82	14	90	38(113)		35	35	77	77	14	81	39	90(246)
78.7	15.7	78	78	32	32	98	48	57	19(41)	94	18	84	26
	81	12	90	37(114)		33	33	77	77	12	81	38	90(245)
85.3	13.4	79	79	31	31	99	47	56	17(41)	95	16	84	24
	82	10	91	36(114)		32	32	78	78	10	81	37	91(245)
91.9	11.2	78	78	30	30	99	46	56	16(42)	94	15	84	23
	84	9	90	33(110)		31	31	77	77	9	83	34	90(249)
98.4	9.5	78	78	29	29	99	45	56	15(42)	95	13	84	22
	84	8	91	32(110)		30	30	77	77	7	83	33	91(249)
105.0	7.9	78	78	28	28	100	44	56	13(42)	95	12	85	21
	84	6	91	32(110)		29	29	78	78	6	84	32	91(249)
111.5	6.4	78	78	28	28	100	44	56	13(42)	95	11	84	21
	84	6	91	31(110)		28	28	77	77	5	83	32	91(249)
118.1	5.3	78	78	27	27	101	42	56	11(43)	96	10	85	20
	84	4	92	31(111)		27	27	78	78	4	83	32	92(248)
124.7	4.0	78	78	27	27	101	42	56	11(43)	95	10	85	19
	84	3	92	31(111)		27	27	78	78	3	83	31	92(248)
131.2	3.1	78	78	26	26	102	41	56	10(43)	96	8	86	18
	84	2	93	30(111)		26	26	78	78	2	83	31	93(248)

HA=205.7 HI= 29.5 GGW= 75.8 SL= 0.0 MAX(A,B,C,D)= 9.4 7.8 8.6 8.6

Main boom and fixed jib (jib angle 20.0 degrees)

Length of main boom = 208.0 ft Length of jib = 29.5 ft
 Main boom sequence = 90-90-90-90-90-90 % LK = 78
 Counterweight = 75.8 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]								(Pos.[Degrees])				0-360 Degr.												
	1(0)		2(...)				3(90)		4(...)				5(180)				6(...)								
	A	B	C	D	A	B	C	D	A	B	C	D	A	B	C	D	A	B	C	D					
65.6	20.3	78	78	35	35	96	49	58	22(42)	92	22	82	29	81	17	88	39(113)	36	36	77	77	17	81	40	89(246)
72.2	17.2	78	78	33	33	97	47	58	20(43)	93	20	83	27	82	14	89	38(113)	35	35	77	77	14	81	38	89(246)
78.7	14.6	78	78	32	32	97	48	56	19(41)	93	18	83	26	81	12	90	37(114)	33	33	77	77	12	80	38	90(245)
85.3	12.1	78	78	31	31	97	47	56	17(41)	93	17	83	24	81	10	90	36(114)	32	32	77	77	10	80	37	90(245)
91.9	10.1	78	78	30	30	98	45	56	16(42)	94	15	84	23	83	9	90	33(110)	31	31	77	77	9	83	34	90(249)
98.4	8.4	78	78	29	29	99	45	56	15(42)	94	13	84	22	84	8	90	32(110)	30	30	77	77	7	83	33	90(249)
105.0	6.6	77	77	29	29	98	44	55	14(42)	94	13	84	22	83	7	90	32(110)	29	29	77	77	7	82	33	90(249)
111.5	5.3	78	78	28	28	99	44	55	13(42)	94	11	84	21	83	6	90	31(110)	28	28	77	77	6	83	32	91(249)
118.1	4.0	77	77	27	27	99	43	55	12(42)	94	11	84	20	83	5	91	31(110)	28	28	77	77	5	83	31	91(249)
124.7	2.9	78	78	26	26	100	42	56	11(43)	95	10	84	19	83	4	91	31(111)	27	27	77	77	3	82	31	91(248)

HA=208.0 HI= 29.5 GGW= 75.8 SL= 0.0 MAX(A,B,C,D)= 9.3 7.7 8.5 8.5

Main boom and fixed jib (jib angle 20.0 degrees)

Length of main boom = 222.4 ft Length of jib = 29.5 ft
Main boom sequence = 100-100-100-100-100-100 % LK = 79
Counterweight = 75.8 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]								(Pos.[Degrees])				0-360 Degr.												
	1(0)		2(...)				3(90)		4(...)				5(180)				6(...)								
	A	B	C	D	A	B	C	D	A	B	C	D	A	B	C	D	A	B	C	D					
72.2	16.3	77	77	34	34	95	48	57	21(42)	91	21	82	28	81	16	87	38(112)	35	35	76	76	16	80	38	88(247)
78.7	13.7	77	77	33	33	96	47	57	20(43)	91	19	82	27	80	14	88	37(113)	34	34	76	76	14	80	38	88(246)
85.3	11.5	77	77	32	32	96	47	56	19(41)	92	17	82	25	80	12	89	36(113)	33	33	76	76	12	80	37	89(246)
91.9	9.5	77	77	31	31	96	46	55	17(41)	92	16	82	24	80	10	89	36(114)	32	32	76	76	10	79	37	89(245)
98.4	7.7	77	77	30	30	97	46	55	16(41)	93	15	82	23	83	9	88	32(109)	31	31	76	76	9	82	33	89(250)
105.0	6.2	77	77	29	29	97	44	55	15(42)	93	14	83	22	82	8	89	32(110)	30	30	76	76	8	82	33	89(249)
111.5	4.9	77	77	28	28	98	44	55	14(42)	93	12	83	21	83	7	90	32(110)	29	29	77	77	6	82	32	90(249)
118.1	3.5	77	77	28	28	98	43	55	13(42)	93	12	83	21	82	6	90	31(110)	28	28	76	76	6	82	32	90(249)
124.7	2.4	77	77	27	27	98	43	55	12(42)	94	11	84	20	83	5	90	30(110)	27	27	77	77	4	82	31	90(249)

HA=222.4 HI= 29.5 GGW= 75.8 SL= 0.0 MAX(A,B,C,D)= 9.1 7.6 8.4 8.4

Programm L A M O S 9 9 Version 1.08 vom 29.09.02

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H

DEMAG Mobile Cranes

O U T R I G G E R - L O A D I N G S

(Variance = +/-10%)

PSI= 1.00

Crane : *** AC 200-1 *** mit HKHI fuer GA und MS

Outrigger width = 18.7 ft Outrigger length = 27.7 ft
Outrigger "A" X = 12.0 ft Outrigger "A" Y = 9.4 ft
Outrigger "B" X = 12.0 ft Outrigger "B" Y = -9.4 ft
Outrigger "C" X = -15.7 ft Outrigger "C" Y = 9.4 ft
Outrigger "D" X = -15.7 ft Outrigger "D" Y = -9.4 ft

Main boom and fixed jib (jib angle 40.0 degrees)

Length of main boom = 40.7 ft Length of jib = 29.5 ft

Main boom sequence = 0-0-0-0-0-0 % LK = 1

Counterweight = 75.8 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
	1(0)		2(59)		3(90)		6(232)						
A	B	C	D	A	B	C	D	A	B	C	D		
23.0	22.7	45	45	69	69	32	70	49	77	36	80	39	73
		49	83	35	61(128)	71	71	43	43	83	49	61	35
26.2	21.6	46	46	67	67	36	68	49	74	39	76	42	70
		50	79	38	60(128)	69	69	45	45	79	50	60	38
29.5	20.7	48	48	65	65	39	66	50	71	42	73	44	67
		51	75	41	59(128)	66	66	47	47	75	51	59	41
32.8	20.1	50	50	63	63	43	64	51	67	45	69	46	65
		52	71	44	58(128)	64	64	48	48	71	52	58	44
39.4	18.7	53	53	59	59	50	60	53	61	51	63	51	60
		54	63	49	57(128)	60	60	52	52	63	54	57	49
45.9	17.6	56	56	55	55	57	56	55	55	57	56	55	55
		56	56	55	55(127)	56	56	55	55	56	56	55	55

HA= 40.7 HI= 29.5 GGW= 75.8 SL= 0.0 MAX(A,B,C,D)= 7.7 7.7 6.4 7.2

Main boom and fixed jib (jib angle 40.0 degrees)

Length of main boom = 54.5 ft Length of jib = 29.5 ft

Main boom sequence = 0-0-0-0-0-45 % LK = 7

Counterweight = 75.8 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])			0-360 Degr.
	1(0)		2(...)		3(90)			

	4(...)				5(180)				6(...)				
	A	B	C	D	A	B	C	D	A	B	C	D	
26.2	22.3	47	47	67	67	36	68	49	74(59)	39	77	42	70
		50	79	38	60(128)	69	69	45	45	79	50	60	38(232)
29.5	21.4	48	48	65	65	39	66	50	71(59)	42	73	44	68
		51	76	41	60(128)	67	67	47	47	76	51	60	41(232)
32.8	20.7	50	50	63	63	43	64	51	68(59)	45	70	46	65
		52	72	43	59(128)	65	65	48	48	72	52	59	43(232)
39.4	19.4	53	53	59	59	49	61	53	62(59)	50	63	50	60
		54	65	49	57(128)	61	61	51	51	65	54	57	49(232)
45.9	18.5	56	56	56	56	56	57	55	56(59)	56	57	55	56
		56	57	54	55(127)	57	57	55	55	57	56	55	54(232)
52.5	17.6	60	60	52	52	62	53	57	50(59)	62	51	59	51
		58	50	60	54(128)	53	53	58	58	50	58	54	60(232)
59.1	17.4	63	63	48	48	64	63	48	47(4)	68	44	64	46
		68	44	64	46(90)	49	49	62	62	44	68	46	64(270)

HA= 54.5 HI= 29.5 GGW= 75.8 SL= 0.0 MAX(A,B,C,D)= 7.4 7.4 6.2 6.9

Main boom and fixed jib (jib angle 40.0 degrees)

Length of main boom = 68.6 ft Length of jib = 29.5 ft

Main boom sequence = 0-0-0-0-0-90 % LK = 13

Counterweight = 75.8 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
	1(0)				2(...)								
	4(...)				5(180)				6(...)				
	A	B	C	D	A	B	C	D	A	B	C	D	
29.5	21.8	48	48	65	65	39	66	50	71(59)	42	73	44	68
		51	76	41	60(128)	67	67	47	47	76	51	60	41(232)
32.8	21.2	50	50	63	63	42	64	51	68(59)	45	70	46	65
		52	72	43	59(128)	65	65	48	48	72	52	59	43(232)
39.4	20.1	53	53	60	60	49	61	53	62(59)	50	64	50	61
		54	65	49	57(128)	61	61	51	51	65	54	57	49(232)
45.9	19.2	56	56	56	56	56	57	55	56(59)	56	58	54	56
		56	58	54	56(127)	57	57	55	55	58	56	56	54(232)
52.5	18.3	59	59	52	52	62	54	57	51(59)	61	52	59	52
		58	51	60	54(128)	54	54	58	58	51	58	54	60(232)
59.1	17.6	62	62	49	49	68	51	59	45(59)	67	46	63	47
		67	46	63	47(90)	50	50	61	61	46	67	47	63(270)
65.6	17.0	65	65	45	45	70	60	50	42(20)	72	40	67	43
		71	40	67	43(93)	47	47	64	64	40	71	43	67(266)
72.2	16.1	68	68	42	42	77	56	52	36(30)	77	35	71	39
		74	33	73	42(102)	43	43	67	67	33	73	42	73(257)

HA= 68.6 HI= 29.5 GGW= 75.8 SL= 0.0 MAX(A,B,C,D)= 7.1 7.0 6.8 6.8

Main boom and fixed jib (jib angle 40.0 degrees)

Length of main boom = 70.2 ft Length of jib = 29.5 ft

Main boom sequence = 0-0-0-0-0-100 % LK = 14

Counterweight = 75.8 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.			
	1(0)				2(...)							
	4(...)				5(180)				6(...)			
	A	B	C	D	A	B	C	D	A	B	C	D

	4(...)				5(180)				6(...)				
	A	B	C	D	A	B	C	D	A	B	C	D	
29.5	21.8	48	48	65	65	39	66	50	71(59)	42	73	44	68
	51	76	41	60(128)	67	67	47	47	76	51	60	41(232)	
32.8	21.2	50	50	63	63	42	64	51	68(59)	44	70	46	66
	52	72	43	59(128)	65	65	48	48	72	52	59	43(232)	
39.4	20.1	53	53	60	60	49	61	53	62(59)	50	64	50	61
	54	65	49	57(128)	61	61	51	51	65	54	57	49(232)	
45.9	19.2	56	56	56	56	55	57	55	56(59)	56	58	54	56
	56	58	54	56(127)	58	58	55	55	58	56	56	54(232)	
52.5	17.9	59	59	53	53	61	54	56	52(59)	60	53	58	52
	58	52	59	54(128)	54	54	57	57	52	58	54	59(232)	
59.1	16.3	61	61	50	50	65	52	57	47(59)	64	48	61	49
	59	47	62	53(128)	51	51	59	59	47	59	53	62(232)	
65.6	15.2	63	63	47	47	64	62	48	47(4)	68	44	64	45
	68	44	64	45(90)	49	49	62	62	44	68	45	64(270)	
72.2	14.1	65	65	45	45	70	58	50	41(21)	71	39	67	42
	71	39	67	43(93)	46	46	64	64	39	71	43	67(266)	

HA= 70.2 HI= 29.5 GGW= 75.8 SL= 0.0 MAX(A,B,C,D)= 7.0 7.0 6.2 6.6

Main boom and fixed jib (jib angle 40.0 degrees)

Length of main boom = 82.3 ft Length of jib = 29.5 ft

Main boom sequence = 0-0-0-0-45-90 % LK = 20

Counterweight = 75.8 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
	1(0)				2(...)					3(90)			
	4(...)				5(180)				6(...)				
	A	B	C	D	A	B	C	D	A	B	C	D	
32.8	21.6	50	50	63	63	43	64	52	68(59)	45	70	46	65
	52	72	44	59(128)	65	65	49	49	72	52	59	44(232)	
39.4	20.5	53	53	60	60	50	61	53	62(59)	50	64	51	61
	54	65	49	57(128)	61	61	52	52	65	54	57	49(232)	
45.9	19.6	56	56	56	56	56	57	55	56(59)	56	58	55	56
	57	58	55	56(127)	57	57	55	55	58	57	56	55(232)	
52.5	18.7	60	60	52	52	62	54	57	51(59)	62	52	59	52
	59	51	60	54(128)	54	54	58	58	51	59	54	60(232)	
59.1	18.3	63	63	49	49	69	50	59	45(59)	67	46	63	47
	67	46	63	47(90)	50	50	62	62	46	67	47	63(270)	
65.6	17.6	66	66	45	45	71	59	51	41(22)	73	40	67	43
	72	39	68	43(94)	47	47	65	65	39	72	43	68(265)	
72.2	17.2	69	69	42	42	79	56	53	35(32)	78	34	72	38
	75	32	74	41(103)	43	43	68	68	32	75	42	75(256)	
78.7	16.3	72	72	39	39	85	52	54	30(37)	83	29	75	34
	77	26	79	40(108)	40	40	71	71	26	76	41	79(251)	
85.3	15.7	75	75	36	36	91	49	56	24(41)	88	24	79	30
	79	19	84	39(111)	37	37	73	73	19	78	39	84(248)	

HA= 82.3 HI= 29.5 GGW= 75.8 SL= 0.0 MAX(A,B,C,D)= 8.4 7.3 7.8 7.8

Main boom and fixed jib (jib angle 40.0 degrees)

Length of main boom = 84.0 ft Length of jib = 29.5 ft

Main boom sequence = 0-0-0-0-45-100 % LK = 21

Counterweight = 75.8 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]								(Pos.[Degrees])				0-360 Degr.
	1(0)		2(...)				3(90)						
	4(...)		5(180)				6(...)						
A	B	C	D	A	B	C	D	A	B	C	D		
32.8	21.6	50	50	63	63	43	64	52	68(59)	45	70	46	65
		52	72	44	59(128)	65	65	48	48	72	52	59	44(232)
39.4	20.5	53	53	60	60	49	61	53	62(59)	50	64	50	61
		54	65	49	57(128)	61	61	52	52	65	54	57	49(232)
45.9	19.6	56	56	56	56	56	57	55	56(59)	56	58	55	56
		56	58	55	56(127)	57	57	55	55	58	57	56	55(232)
52.5	18.5	59	59	53	53	62	54	57	51(59)	61	52	58	52
		58	52	59	54(128)	54	54	58	58	52	58	54	59(232)
59.1	17.6	62	62	49	49	67	51	58	46(59)	66	47	62	48
		66	47	62	48(90)	51	51	61	61	47	66	48	62(270)
65.6	16.3	64	64	47	47	67	61	49	45(12)	69	43	65	44
		69	43	65	44(90)	48	48	63	63	43	69	44	65(270)
72.2	15.2	66	66	44	44	72	58	50	39(24)	73	38	68	41
		72	37	69	42(96)	45	45	65	65	37	72	43	69(263)
78.7	14.3	68	68	41	41	78	55	52	35(32)	77	34	71	38
		74	31	73	41(103)	43	43	67	67	31	73	41	73(256)
85.3	13.7	71	71	39	39	84	52	54	30(37)	81	29	74	34
		76	26	78	39(107)	40	40	70	70	25	75	40	78(252)

HA= 84.0 HI= 29.5 GGW= 75.8 SL= 0.0 MAX(A,B,C,D)= 7.8 7.0 7.2 7.3

Main boom and fixed jib (jib angle 40.0 degrees)

Length of main boom = 96.5 ft Length of jib = 29.5 ft

Main boom sequence = 0-0-0-0-90-90 % LK = 28

Counterweight = 75.8 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]								(Pos.[Degrees])				0-360 Degr.
	1(0)		2(...)				3(90)						
	4(...)		5(180)				6(...)						
A	B	C	D	A	B	C	D	A	B	C	D		
39.4	20.7	53	53	60	60	50	61	53	62(59)	51	64	51	61
		54	65	49	57(128)	61	61	52	52	65	54	57	49(232)
45.9	19.8	57	57	56	56	56	57	55	56(59)	56	58	55	56
		57	58	55	56(127)	57	57	55	55	58	57	56	55(232)
52.5	19.2	60	60	52	52	63	54	57	50(59)	62	52	59	51
		59	51	60	54(128)	54	54	58	58	51	59	54	60(232)
59.1	18.5	63	63	49	49	69	51	59	45(59)	67	46	63	47
		67	46	63	47(90)	50	50	62	62	46	67	47	63(270)
65.6	17.9	66	66	45	45	71	60	50	41(21)	73	40	67	43
		72	39	68	43(94)	47	47	65	65	39	72	43	68(265)
72.2	17.4	69	69	42	42	79	56	53	35(32)	78	34	72	38
		75	32	74	42(103)	43	43	68	68	32	75	42	74(256)
78.7	16.8	72	72	39	39	85	53	54	30(37)	83	29	75	34
		77	25	79	40(108)	40	40	71	71	25	77	41	80(251)
85.3	15.9	75	75	36	36	90	50	56	25(40)	87	25	78	31
		78	20	84	39(111)	37	37	73	73	20	78	39	84(248)
91.9	14.8	76	76	34	34	94	48	57	21(42)	90	21	81	28
		80	16	86	38(112)	35	35	75	75	16	79	38	87(247)

 HA= 96.5 HI= 29.5 GGW= 75.8 SL= 0.0 MAX(A,B,C,D)= 8.7 7.4 8.0 8.0

Main boom and fixed jib (jib angle 40.0 degrees)
 Length of main boom = 100.4 ft Length of jib = 29.5 ft
 Main boom sequence = 0-0-0-0-100-100 % LK = 29
 Counterweight = 75.8 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]								(Pos.[Degrees])				0-360 Degr.
		1(0)		2(...)				3(90)		6(...)				
		A	B	C	D	A	B	C	D	A	B	C	D	
39.4	20.7	53	53	60	60	50	61	53	62	(59)	51	64	51	61
		54	65	49	57(128)	61	61	52	52		65	54	57	49(232)
45.9	19.8	57	57	56	56	56	57	55	56	(59)	56	58	55	56
		57	58	55	56(127)	57	57	55	55		58	57	56	55(232)
52.5	19.0	60	60	52	52	62	54	57	51	(59)	62	52	59	52
		59	51	60	54(128)	54	54	58	58		51	59	54	60(232)
59.1	18.1	62	62	49	49	68	51	59	46	(59)	66	47	63	48
		66	47	63	48(90)	50	50	61	61		47	66	48	63(270)
65.6	17.0	65	65	46	46	68	61	49	44	(15)	71	42	66	44
		71	42	66	44(90)	48	48	63	63		42	71	44	66(270)
72.2	15.9	67	67	44	44	74	58	51	39	(26)	74	37	69	41
		73	36	70	42(98)	45	45	65	65		36	72	43	70(261)
78.7	14.6	68	68	42	42	77	55	52	35	(31)	77	34	71	38
		74	32	73	41(102)	43	43	67	67		32	73	41	73(257)
85.3	13.4	70	70	39	39	81	53	53	31	(35)	80	31	73	35
		75	28	76	40(106)	41	41	69	69		27	75	40	76(253)
91.9	12.6	72	72	37	37	85	51	54	28	(38)	83	27	75	33
		76	23	80	39(109)	38	38	71	71		23	76	39	80(250)
98.4	11.7	73	73	35	35	89	49	55	24	(40)	86	24	77	30
		77	19	82	38(111)	36	36	72	72		19	77	39	83(248)

 HA=100.4 HI= 29.5 GGW= 75.8 SL= 0.0 MAX(A,B,C,D)= 8.3 7.1 7.7 7.7

Main boom and fixed jib (jib angle 40.0 degrees)
 Length of main boom = 110.2 ft Length of jib = 29.5 ft
 Main boom sequence = 0-0-0-45-90-90 % LK = 36
 Counterweight = 75.8 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]								(Pos.[Degrees])				0-360 Degr.
		1(0)		2(...)				3(90)		6(...)				
		A	B	C	D	A	B	C	D	A	B	C	D	
39.4	20.9	54	54	59	59	50	61	54	61	(59)	51	63	51	60
		55	64	50	57(128)	61	61	52	52		64	55	57	50(232)
45.9	20.1	57	57	56	56	57	57	56	56	(59)	57	57	56	56
		57	57	56	56(127)	57	57	56	56		57	57	56	56(232)
52.5	19.4	60	60	52	52	64	54	58	50	(59)	63	51	60	51
		60	50	61	54(128)	53	53	59	59		50	60	54	61(232)
59.1	18.7	64	64	48	48	64	63	49	48	(2)	69	45	64	46
		69	45	64	46(90)	50	50	62	62		45	69	46	64(270)
65.6	18.3	67	67	45	45	74	59	51	40	(25)	74	39	69	42
		73	38	70	43(97)	46	46	66	66		37	73	43	70(262)

72.2	17.6	70	70	41	41	80	55	53	34(33)	79	33	73	37
		75	31	75	41(104)	43	43	69	69	31	75	42	75(255)
78.7	17.2	73	73	38	38	87	52	55	28(38)	85	28	77	33
		78	24	81	40(109)	39	39	72	72	24	77	40	81(250)
85.3	16.5	76	76	35	35	93	49	57	23(42)	90	22	80	29
		80	17	86	39(112)	36	36	75	75	17	79	39	86(247)
91.9	15.9	78	78	32	32	98	48	57	19(41)	94	18	84	26
		82	12	90	37(114)	33	33	77	77	12	81	38	91(245)
98.4	14.1	79	79	31	31	99	47	56	17(41)	95	16	84	24
		82	10	91	36(114)	32	32	78	78	10	81	37	91(245)
105.0	12.3	78	78	30	30	99	46	56	16(42)	95	15	84	24
		84	9	90	34(110)	31	31	78	78	9	84	34	91(249)

 HA=110.2 HI= 29.5 GGW= 75.8 SL= 0.0 MAX(A,B,C,D)= 9.2 7.8 8.5 8.5

Main boom and fixed jib (jib angle 40.0 degrees)
 Length of main boom = 114.5 ft Length of jib = 29.5 ft
 Main boom sequence = 0-0-0-45-100-100 % LK = 37
 Counterweight = 75.8 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.			
		1(0)		2(...)		3(90)		6(...)					
		4(...)		5(180)		A B C D		A B C D					
39.4	20.9	54	54	59	59	50	61	54	62(59)	51	63	51	60
		55	64	50	57(128)	61	61	52	52	64	55	57	50(232)
45.9	20.1	57	57	56	56	57	57	56	56(59)	57	57	56	56
		57	57	56	56(127)	57	57	56	56	57	57	56	56(232)
52.5	19.4	60	60	52	52	64	54	58	50(59)	63	51	60	51
		59	50	61	54(128)	53	53	59	59	50	59	54	61(232)
59.1	18.5	63	63	49	49	70	50	59	45(59)	68	45	64	47
		68	45	64	47(90)	50	50	62	62	45	68	47	64(270)
65.6	17.6	66	66	45	45	71	60	50	42(21)	73	40	67	43
		72	39	68	43(94)	47	47	65	65	39	72	44	68(265)
72.2	16.5	68	68	43	43	77	56	52	37(30)	77	36	70	39
		74	34	72	42(101)	44	44	67	67	34	73	42	73(258)
78.7	15.7	71	71	40	40	82	54	53	32(35)	80	31	73	36
		75	28	77	41(106)	41	41	69	69	28	75	41	77(253)
85.3	14.6	72	72	38	38	86	51	54	28(38)	84	27	76	33
		77	24	80	39(109)	39	39	71	71	23	76	40	80(250)
91.9	13.4	74	74	36	36	89	49	55	25(40)	86	24	78	30
		78	20	83	39(111)	37	37	73	73	19	77	39	83(248)
98.4	12.8	76	76	33	33	94	47	56	21(42)	90	20	80	27
		80	15	86	37(112)	34	34	75	75	15	79	37	87(247)
105.0	11.9	77	77	31	31	97	47	56	18(41)	93	17	83	25
		80	11	89	37(114)	32	32	76	76	11	80	37	90(245)
111.5	11.0	79	79	29	29	100	45	56	15(42)	95	14	84	22
		84	8	91	33(110)	30	30	78	78	8	84	33	91(249)

 HA=114.5 HI= 29.5 GGW= 75.8 SL= 0.0 MAX(A,B,C,D)= 9.3 7.8 8.4 8.5

Main boom and fixed jib (jib angle 40.0 degrees)
 Length of main boom = 124.3 ft Length of jib = 29.5 ft
 Main boom sequence = 0-0-0-90-90-90 % LK = 45

Counterweight = 75.8 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.						
	1(0)				2(...)					3(90)					
	4(...)				5(180)					6(...)					
A	B	C	D	A	B	C	D	A	B	C	D				
45.9	20.3	58	58	55	55	58	57	56	55	(59)	58	56	56	55	
		58	56	56	55	(127)	57	57	56	56	56	58	55	56	(232)
52.5	19.6	61	61	51	51	65	53	58	49	(59)	64	50	61	50	
		60	49	62	54	(128)	53	53	60	60	49	60	54	62	(232)
59.1	19.0	64	64	48	48	66	63	49	47	(7)	69	44	65	46	
		69	44	65	46	(90)	49	49	63	63	44	69	46	65	(270)
65.6	18.5	68	68	44	44	75	58	52	39	(27)	75	38	69	41	
		74	37	71	43	(98)	46	46	66	66	37	73	43	71	(261)
72.2	18.1	71	71	41	41	82	54	54	32	(35)	81	32	74	36	
		76	29	77	41	(106)	42	42	70	70	29	76	41	77	(253)
78.7	17.4	74	74	37	37	89	51	56	27	(39)	86	27	78	32	
		78	22	82	40	(110)	39	39	73	73	22	78	40	82	(249)
85.3	16.8	77	77	34	34	95	48	57	22	(42)	91	22	81	28	
		80	16	87	38	(112)	35	35	75	75	16	80	39	87	(247)
91.9	15.9	79	79	32	32	99	48	57	18	(41)	95	17	84	25	
		82	11	91	37	(114)	33	33	78	78	11	81	38	91	(245)
98.4	13.9	79	79	31	31	99	47	56	17	(41)	95	16	84	24	
		82	10	91	36	(114)	32	32	78	78	10	81	37	91	(245)
105.0	12.1	78	78	30	30	99	46	56	16	(42)	94	15	84	24	
		81	9	91	36	(114)	31	31	77	77	9	81	36	91	(245)
111.5	10.8	79	79	29	29	100	45	56	15	(42)	95	14	85	22	
		84	8	91	33	(110)	30	30	78	78	7	84	33	91	(249)
118.1	9.5	79	79	28	28	100	45	56	14	(42)	96	12	85	22	
		85	6	91	32	(110)	29	29	78	78	6	84	32	92	(249)

HA=124.3 HI= 29.5 GGW= 75.8 SL= 0.0 MAX(A,B,C,D)= 9.3 7.8 8.5 8.5

Main boom and fixed jib (jib angle 40.0 degrees)

Length of main boom = 130.9 ft Length of jib = 29.5 ft

Main boom sequence = 0-0-0-100-100-100 % LK = 46

Counterweight = 75.8 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.						
	1(0)				2(...)					3(90)					
	4(...)				5(180)					6(...)					
A	B	C	D	A	B	C	D	A	B	C	D				
45.9	20.1	57	57	55	55	58	57	56	55	(59)	58	57	56	55	
		57	57	56	56	(127)	57	57	56	56	57	57	56	56	(232)
52.5	19.6	61	61	51	51	65	53	58	49	(59)	64	50	61	50	
		60	49	62	54	(128)	53	53	60	60	49	60	54	62	(232)
59.1	19.0	64	64	48	48	66	63	49	47	(7)	69	44	65	46	
		69	44	65	46	(90)	49	49	63	63	44	69	46	65	(270)
65.6	18.1	67	67	45	45	73	59	51	40	(25)	74	39	69	42	
		73	38	70	43	(97)	46	46	66	66	37	73	43	70	(262)
72.2	17.2	70	70	42	42	80	55	53	34	(33)	79	34	72	38	
		75	31	75	42	(104)	43	43	68	68	31	75	42	75	(255)
78.7	16.1	72	72	39	39	84	53	54	30	(37)	82	30	75	35	
		77	26	78	40	(107)	40	40	70	70	26	76	40	79	(252)

85.3	15.0	73	73	37	37	88	51	55	26(39)	86	26	77	32
		78	21	82	39(110)	38	38	72	72	21	77	39	82(249)
91.9	14.1	75	75	34	34	93	48	56	22(42)	89	22	80	29
		79	17	86	38(112)	35	35	74	74	17	78	39	86(247)
98.4	13.0	77	77	32	32	96	46	57	19(43)	91	19	82	26
		80	13	88	37(113)	34	34	76	76	13	79	37	88(246)
105.0	11.9	78	78	31	31	97	47	56	17(41)	93	16	83	24
		81	10	90	36(114)	32	32	77	77	10	80	37	90(245)
111.5	10.8	78	78	30	30	99	45	56	15(42)	95	14	84	23
		84	8	91	33(110)	30	30	78	78	8	84	33	91(249)
118.1	9.5	78	78	29	29	100	45	56	14(42)	95	13	85	22
		84	7	91	32(110)	30	30	78	78	7	84	33	91(249)
124.7	8.4	79	79	28	28	101	44	56	13(42)	96	11	85	21
		85	5	92	31(110)	29	29	78	78	5	84	32	92(249)

HA=130.9 HI= 29.5 GGW= 75.8 SL= 0.0 MAX(A,B,C,D)= 9.4 7.8 8.5 8.6

Main boom and fixed jib (jib angle 40.0 degrees)

Length of main boom = 138.1 ft Length of jib = 29.5 ft

Main boom sequence = 0-0-45-90-90-90 % LK = 54

Counterweight = 75.8 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.			
		1(0)		2(...)		3(90)		6(...)					
		4(...)		5(180)		6(...)							
		A	B	C	D	A	B	C	D				
45.9	20.3	58	58	55	55	59	56	56	54(59)	59	56	57	54
		58	56	57	55(127)	56	56	56	56	56	58	55	57(232)
52.5	19.6	62	62	51	51	66	53	58	48(59)	65	49	61	50
		60	48	63	54(128)	52	52	60	60	48	60	54	63(232)
59.1	19.2	65	65	47	47	68	62	50	45(14)	71	43	66	45
		71	43	66	45(90)	49	49	64	64	43	71	45	66(270)
65.6	18.7	69	69	43	43	77	58	52	37(29)	77	36	71	40
		74	35	73	43(101)	45	45	67	67	34	74	43	73(258)
72.2	18.3	72	72	39	39	85	53	55	31(37)	83	30	75	35
		77	27	79	41(107)	41	41	71	71	27	77	41	79(252)
78.7	17.9	76	76	36	36	92	50	57	24(41)	89	24	80	31
		80	20	85	39(111)	37	37	74	74	19	79	39	85(248)
85.3	17.2	78	78	33	33	98	47	58	19(43)	93	19	83	26
		82	13	90	37(113)	34	34	77	77	13	81	38	90(246)
91.9	15.4	79	79	31	31	99	48	56	17(41)	95	17	84	25
		82	11	91	37(114)	32	32	78	78	10	81	37	91(245)
98.4	13.4	79	79	31	31	99	46	57	16(42)	95	16	84	24
		82	9	91	36(114)	32	32	78	78	9	81	37	91(245)
105.0	11.7	78	78	30	30	99	46	56	16(42)	95	15	84	23
		84	9	91	33(110)	31	31	78	78	9	84	34	91(249)
111.5	10.4	79	79	29	29	100	45	56	14(42)	96	13	85	22
		85	7	91	32(110)	30	30	78	78	7	84	33	92(249)
118.1	9.0	79	79	28	28	101	44	56	13(42)	96	12	85	21
		85	6	92	32(110)	29	29	78	78	6	84	32	92(249)
124.7	7.7	79	79	28	28	101	44	56	13(42)	96	11	85	21
		85	5	92	31(110)	28	28	78	78	5	84	32	92(249)
131.2	6.8	79	79	26	26	102	43	56	11(43)	97	9	86	19
		85	3	93	31(111)	27	27	79	79	3	84	32	93(248)

 HA=138.1 HI= 29.5 GGW= 75.8 SL= 0.0 MAX(A,B,C,D)= 9.5 7.8 8.7 8.7

Main boom and fixed jib (jib angle 40.0 degrees)
 Length of main boom = 145.0 ft Length of jib = 29.5 ft
 Main boom sequence = 0-0-45-100-100-100 % LK = 55
 Counterweight = 75.8 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
	1(0)		2(...)		3(90)		4(...)						
	A	B	C	D	A	B	C	D		A	B	C	D
52.5	19.6	62	62	51	51	66	53	58	48(59)	65	49	61	50
		60	48	63	54(128)	52	52	60	60	48	60	54	63(232)
59.1	19.0	65	65	47	47	67	62	50	45(12)	70	43	66	45
		70	43	66	45(90)	49	49	63	63	43	70	45	66(270)
65.6	18.3	68	68	44	44	76	58	52	38(28)	76	37	70	41
		74	36	71	43(99)	45	45	67	67	36	74	43	72(260)
72.2	17.4	71	71	41	41	82	54	54	33(35)	80	32	73	37
		76	29	77	41(106)	42	42	69	69	29	75	42	77(253)
78.7	16.5	73	73	38	38	88	51	55	28(39)	85	27	77	33
		78	23	81	40(109)	39	39	72	72	23	77	40	81(250)
85.3	15.7	76	76	35	35	92	49	56	23(41)	89	23	80	29
		79	18	85	39(112)	36	36	74	74	18	79	39	86(247)
91.9	14.8	78	78	32	32	97	48	56	19(41)	93	19	83	26
		81	13	89	37(113)	34	34	77	77	13	80	37	89(246)
98.4	13.4	79	79	31	31	99	47	56	17(41)	95	16	84	24
		82	10	91	36(114)	32	32	78	78	10	81	37	91(245)
105.0	11.9	79	79	30	30	100	46	56	15(42)	95	14	85	23
		84	9	91	33(110)	31	31	78	78	8	84	34	91(249)
111.5	10.4	79	79	29	29	100	45	56	15(42)	95	13	85	22
		84	7	91	32(110)	30	30	78	78	7	84	33	91(249)
118.1	9.0	79	79	28	28	100	45	56	13(42)	95	12	85	21
		85	6	91	32(110)	29	29	78	78	6	84	32	92(249)
124.7	7.9	79	79	28	28	101	43	56	12(43)	96	11	86	20
		84	5	92	32(111)	28	28	78	78	5	84	32	93(248)
131.2	6.8	79	79	27	27	102	43	56	11(43)	97	10	86	20
		84	4	93	31(111)	28	28	78	78	4	84	32	93(248)

 HA=145.0 HI= 29.5 GGW= 75.8 SL= 0.0 MAX(A,B,C,D)= 9.4 7.8 8.6 8.6

Main boom and fixed jib (jib angle 40.0 degrees)
 Length of main boom = 152.2 ft Length of jib = 29.5 ft
 Main boom sequence = 0-0-90-90-90-90 % LK = 62
 Counterweight = 75.8 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
	1(0)		2(...)		3(90)		4(...)						
	A	B	C	D	A	B	C	D		A	B	C	D
52.5	19.8	62	62	50	50	67	52	59	47(59)	66	48	62	49
		61	47	64	54(128)	52	52	61	61	47	61	54	64(232)
59.1	19.2	66	66	47	47	70	61	50	44(17)	72	42	67	44
		72	42	67	44(90)	48	48	64	64	42	72	44	67(269)

65.6	18.7	69	69	43	43	78	57	53	36(31)	78	35	71	39
		75	33	74	42(102)	44	44	68	68	33	75	42	74(257)
72.2	18.3	73	73	39	39	86	52	55	30(38)	84	29	76	34
		78	26	80	40(108)	40	40	71	71	25	77	41	80(251)
78.7	18.1	77	77	35	35	94	49	58	23(42)	90	23	81	29
		80	18	87	39(112)	36	36	75	75	17	80	39	87(247)
85.3	17.2	79	79	32	32	99	48	57	18(41)	95	18	84	26
		82	12	91	37(114)	33	33	78	78	11	82	38	91(245)
91.9	15.0	79	79	31	31	99	47	56	17(41)	95	16	84	24
		82	10	91	37(114)	32	32	78	78	10	81	37	91(245)
98.4	13.0	79	79	30	30	99	46	57	16(42)	95	15	84	24
		82	9	91	36(114)	31	31	78	78	9	81	37	91(245)
105.0	11.2	78	78	30	30	99	45	56	15(42)	95	14	84	23
		84	9	91	33(110)	31	31	78	78	8	84	34	91(249)
111.5	9.9	79	79	29	29	100	45	56	14(42)	96	13	85	22
		85	7	91	32(110)	30	30	78	78	7	84	33	92(249)
118.1	8.6	79	79	28	28	101	44	56	13(42)	96	11	85	21
		85	6	92	31(110)	29	29	78	78	5	84	32	92(249)
124.7	7.5	79	79	27	27	102	43	56	11(43)	97	10	86	20
		85	4	93	31(111)	28	28	79	79	4	84	32	93(248)
131.2	6.4	79	79	26	26	102	42	56	11(43)	97	9	86	19
		85	3	93	31(111)	27	27	79	79	3	84	31	93(248)
137.8	5.5	80	80	26	26	103	42	56	9(43)	98	8	87	18
		86	1	94	30(111)	26	26	79	79	1	85	31	94(248)

 HA=152.2 HI= 29.5 GGW= 75.8 SL= 0.0 MAX(A,B,C,D)= 9.6 7.9 8.7 8.8

Main boom and fixed jib (jib angle 40.0 degrees)
 Length of main boom = 161.4 ft Length of jib = 29.5 ft
 Main boom sequence = 0-0-100-100-100-100 % LK = 63
 Counterweight = 75.8 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
	1(0)		2(...)		3(90)		6(...)						
	A	B	C	D	A	B	C	D	A	B	C	D	
59.1	19.2	66	66	47	47	70	61	50	44(17)	72	42	67	44
		72	42	67	44(90)	48	48	64	64	42	72	44	67(269)
65.6	18.3	69	69	43	43	77	57	52	37(30)	77	36	71	40
		74	34	73	42(101)	45	45	67	67	34	74	43	73(258)
72.2	17.4	71	71	40	40	84	54	54	31(36)	82	31	75	35
		76	28	78	41(107)	41	41	70	70	27	76	41	78(252)
78.7	16.5	74	74	37	37	89	50	56	26(40)	86	26	78	32
		78	22	83	39(110)	38	38	73	73	21	78	40	83(249)
85.3	15.7	77	77	34	34	94	48	57	22(42)	91	21	81	28
		80	16	87	38(112)	35	35	75	75	16	80	38	87(247)
91.9	14.8	79	79	31	31	98	48	56	18(41)	94	17	84	25
		82	11	91	37(114)	33	33	77	77	11	81	37	91(245)
98.4	13.0	79	79	30	30	99	46	57	16(42)	95	15	84	24
		82	9	91	36(114)	31	31	78	78	9	81	37	91(245)
105.0	11.5	79	79	29	29	100	45	56	15(42)	96	14	85	22
		85	8	91	33(110)	30	30	78	78	8	84	33	91(249)
111.5	9.9	79	79	29	29	100	45	56	14(42)	96	13	85	22
		85	7	91	32(110)	30	30	78	78	7	84	33	92(249)

118.1	8.6	79	79	28	28	101	44	56	13(42)	96	12	85	21
	85	6	92	32(110)		29	29	78	78	6	84	32	92(249)
124.7	7.5	79	79	27	27	102	43	56	12(43)	97	10	86	20
	85	4	93	31(111)		28	28	78	78	4	84	32	93(248)
131.2	6.4	79	79	26	26	102	42	56	11(43)	97	9	86	19
	85	3	93	31(111)		27	27	79	79	3	84	31	93(248)
137.8	5.5	80	80	26	26	103	42	56	9(43)	98	8	87	18
	85	1	94	30(111)		26	26	79	79	1	85	31	94(248)
144.4	4.4	79	79	26	26	103	42	56	9(43)	97	8	86	18
	85	1	93	30(111)		26	26	79	79	1	84	30	94(248)
150.9	3.5	79	79	25	25	103	41	56	9(43)	98	7	86	17
	85	0	94	29(111)		25	25	79	79	0	84	30	94(248)

 HA=161.4 HI= 29.5 GGW= 75.8 SL= 0.0 MAX(A,B,C,D)= 9.6 7.9 8.7 8.7

Main boom and fixed jib (jib angle 40.0 degrees)

Length of main boom = 166.0 ft Length of jib = 29.5 ft

Main boom sequence = 0-45-90-90-90-90 % LK = 68

Counterweight = 75.8 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.			
		1(0)		2(...)		3(90)		6(...)					
		4(...)		5(180)		6(...)							
		A	B	C	D	A	B	C	D				
59.1	19.2	67	67	46	46	72	60	51	42(21)	73	41	68	43
		73	40	69	44(94)	47	47	65	65	40	72	44	69(265)
65.6	19.0	71	71	41	41	81	55	54	34(34)	80	34	73	38
		76	31	76	42(105)	43	43	69	69	31	75	42	76(254)
72.2	18.5	74	74	38	38	89	52	56	27(39)	86	27	78	33
		78	23	82	40(110)	39	39	73	73	23	78	41	83(249)
78.7	18.1	78	78	34	34	97	48	58	21(43)	92	21	82	28
		81	15	89	38(113)	35	35	77	77	15	81	39	89(246)
85.3	16.5	79	79	32	32	99	48	57	18(41)	95	17	85	25
		82	11	91	37(114)	33	33	78	78	11	82	38	92(245)
91.9	14.3	79	79	31	31	100	47	57	16(42)	95	16	85	24
		82	9	92	36(114)	32	32	78	78	9	82	37	92(245)
98.4	12.3	79	79	30	30	100	46	57	15(42)	95	15	85	23
		85	9	91	33(110)	31	31	78	78	9	84	34	91(249)
105.0	10.8	79	79	29	29	101	45	56	14(42)	96	13	85	22
		85	7	92	32(110)	30	30	78	78	7	84	33	92(249)
111.5	9.3	79	79	28	28	101	45	56	13(42)	96	12	85	21
		85	6	92	32(110)	29	29	78	78	6	84	32	92(249)
118.1	7.9	79	79	27	27	102	43	57	12(43)	97	11	86	20
		85	4	93	32(111)	28	28	78	78	4	84	32	93(248)
124.7	6.8	80	80	26	26	103	43	56	11(43)	97	9	86	19
		85	3	93	31(111)	27	27	79	79	3	84	31	94(248)
131.2	5.7	80	80	26	26	103	42	56	10(43)	98	8	86	18
		85	2	94	30(111)	26	26	79	79	2	84	31	94(248)
137.8	4.6	79	79	25	25	103	42	56	9(43)	98	8	86	18
		85	1	94	30(111)	26	26	79	79	1	84	30	94(248)
144.4	3.5	79	79	25	25	103	41	56	9(43)	97	7	86	18
		85	1	93	30(111)	26	26	79	79	1	84	30	94(248)
150.9	2.6	79	79	25	25	103	41	56	9(43)	97	7	86	17
		85	0	94	29(111)	25	25	79	79	0	84	30	94(248)

HA=166.0 HI= 29.5 GGW= 75.8 SL= 0.0 MAX(A,B,C,D)= 9.6 7.8 8.7 8.7

Main boom and fixed jib (jib angle 40.0 degrees)

Length of main boom = 175.5 ft Length of jib = 29.5 ft

Main boom sequence = 0-45-100-100-100-100 % LK = 69

Counterweight = 75.8 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
	1(0)		2(...)		3(90)		4(...)						
	A	B	C	D	A	B	C	D					
59.1	19.2	67	67	46	46	72	60	51	42(21)	73	41	68	43
		73	40	69	44(94)	47	47	65	65	40	72	44	69(265)
65.6	18.3	70	70	42	42	79	56	53	35(32)	78	35	72	39
		75	32	74	42(103)	44	44	68	68	32	75	42	75(256)
72.2	17.6	73	73	39	39	86	52	55	29(38)	84	29	76	34
		78	25	80	40(108)	40	40	71	71	25	77	41	80(251)
78.7	17.0	76	76	35	35	93	49	57	23(41)	90	23	80	30
		80	18	86	39(112)	37	37	75	75	18	79	39	86(247)
85.3	15.9	78	78	32	32	97	48	57	19(41)	93	19	83	26
		82	13	90	37(113)	34	34	77	77	13	81	38	90(246)
91.9	14.3	79	79	31	31	100	47	57	17(42)	95	16	85	24
		82	9	92	36(114)	32	32	78	78	9	82	37	92(245)
98.4	12.3	79	79	30	30	100	46	57	16(42)	95	15	85	23
		85	9	91	33(110)	31	31	78	78	9	84	34	91(249)
105.0	10.8	79	79	29	29	101	45	56	14(42)	96	13	85	22
		85	7	92	32(110)	30	30	78	78	7	84	33	92(249)
111.5	9.3	79	79	28	28	101	45	56	13(42)	96	12	85	21
		85	6	92	32(110)	29	29	78	78	6	84	32	92(249)
118.1	7.9	79	79	28	28	101	43	57	12(43)	96	11	86	20
		84	5	92	32(111)	28	28	78	78	4	84	32	93(248)
124.7	6.8	79	79	27	27	102	43	56	11(43)	97	9	86	19
		85	3	93	31(111)	27	27	79	79	3	84	32	93(248)
131.2	5.7	79	79	26	26	103	42	56	10(43)	97	9	86	19
		85	2	93	30(111)	27	27	79	79	2	84	31	94(248)
137.8	4.6	79	79	26	26	103	42	56	9(43)	97	8	86	18
		85	2	93	30(111)	26	26	79	79	1	84	31	94(248)
144.4	3.7	79	79	25	25	103	41	56	9(43)	98	7	87	17
		85	0	94	29(111)	25	25	79	79	0	84	30	94(248)
150.9	2.6	79	79	25	25	102	41	56	9(43)	97	7	86	18
		84	1	93	30(111)	25	25	78	78	0	84	30	93(248)

HA=175.5 HI= 29.5 GGW= 75.8 SL= 0.0 MAX(A,B,C,D)= 9.6 7.8 8.7 8.7

Main boom and fixed jib (jib angle 40.0 degrees)

Length of main boom = 180.1 ft Length of jib = 29.5 ft

Main boom sequence = 0-90-90-90-90-90 % LK = 73

Counterweight = 75.8 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.
	1(0)		2(...)		3(90)		4(...)		
	A	B	C	D	A	B	C	D	

59.1	19.4	68	68	45	45	74	59	52	40(25)	75	39	69	42
		73	38	70	43(97)	46	46	66	66	38	73	43	71(262)
65.6	19.0	71	71	41	41	83	55	54	33(35)	82	32	74	37
		77	29	77	41(106)	42	42	70	70	29	76	42	78(253)
72.2	18.5	75	75	37	37	91	51	56	26(40)	88	26	79	32
		79	21	84	40(111)	38	38	74	74	21	79	40	84(248)
78.7	18.1	79	79	33	33	99	47	58	19(43)	94	19	84	26
		82	13	90	38(114)	34	34	78	78	13	81	39	91(245)
85.3	16.1	80	80	31	31	100	47	57	17(42)	96	16	85	24
		83	10	92	37(114)	32	32	78	78	10	82	37	92(245)
91.9	13.7	79	79	30	30	100	46	57	16(42)	95	15	85	24
		82	9	92	36(114)	32	32	78	78	9	82	37	92(245)
98.4	11.9	79	79	29	29	101	45	57	15(42)	96	13	85	22
		85	7	92	33(110)	30	30	78	78	7	84	33	92(249)
105.0	10.1	79	79	28	28	101	45	56	14(42)	96	12	85	22
		85	6	92	32(110)	29	29	78	78	6	84	33	92(249)
111.5	8.6	79	79	28	28	101	43	57	13(43)	96	11	86	21
		84	5	92	32(111)	29	29	78	78	5	84	33	93(248)
118.1	7.5	80	80	27	27	103	43	57	11(43)	98	9	86	19
		85	3	93	31(111)	27	27	79	79	3	84	32	94(248)
124.7	6.2	80	80	26	26	103	42	56	10(43)	97	9	86	19
		85	2	93	30(111)	27	27	79	79	2	84	31	94(248)
131.2	5.1	80	80	26	26	103	42	56	9(43)	98	8	87	18
		85	1	94	30(111)	26	26	79	79	1	85	31	94(248)
137.8	4.0	79	79	25	25	103	41	56	9(43)	98	7	87	18
		85	1	94	30(111)	26	26	79	79	0	84	30	94(248)
144.4	2.9	79	79	25	25	103	41	56	9(43)	97	7	86	17
		85	0	93	29(111)	25	25	79	79	0	84	30	94(248)

 HA=180.1 HI= 29.5 GGW= 75.8 SL= 0.0 MAX(A,B,C,D)= 9.6 7.9 8.7 8.7

Main boom and fixed jib (jib angle 40.0 degrees)
 Length of main boom = 191.9 ft Length of jib = 29.5 ft
 Main boom sequence = 0-100-100-100-100-100 % LK = 74
 Counterweight = 75.8 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
	1(0)		2(...)		3(90)		6(...)						
	A	B	C	D	A	B	C	D					
65.6	18.3	71	71	41	41	81	55	54	34(34)	80	33	73	37
		76	30	76	41(105)	43	43	69	69	30	75	42	76(254)
72.2	17.6	74	74	37	37	89	52	56	27(39)	86	27	78	33
		78	23	82	40(110)	39	39	73	73	23	78	40	82(249)
78.7	17.0	77	77	34	34	95	48	57	21(42)	91	21	82	28
		80	16	88	38(113)	35	35	76	76	16	80	39	88(246)
85.3	15.9	79	79	31	31	100	47	57	17(42)	95	17	85	25
		82	10	92	37(114)	32	32	78	78	10	82	37	92(245)
91.9	13.7	79	79	30	30	100	46	57	16(42)	95	15	85	24
		85	9	91	34(110)	31	31	78	78	9	84	34	91(249)
98.4	11.7	79	79	30	30	100	45	56	15(42)	96	14	85	23
		85	8	91	33(110)	30	30	78	78	8	84	34	91(249)
105.0	10.1	79	79	28	28	101	45	56	13(42)	96	12	86	21
		85	6	92	32(110)	29	29	78	78	6	85	32	92(249)

111.5	8.6	79	79	28	28	101	43	57	12(43)	97	11	86	21
	85	5	93	32(111)	28	28	78	78		5	84	32	93(248)
118.1	7.3	79	79	27	27	102	43	56	11(43)	97	10	86	20
	85	4	93	31(111)	28	28	79	79		4	84	32	93(248)
124.7	6.2	80	80	26	26	103	42	56	10(43)	98	9	86	19
	85	2	94	30(111)	27	27	79	79		2	84	31	94(248)
131.2	4.9	79	79	26	26	102	42	56	10(43)	97	8	86	19
	85	2	93	30(111)	26	26	79	79		2	84	31	93(248)
137.8	3.7	79	79	26	26	102	41	56	9(43)	97	8	86	18
	85	1	93	30(111)	26	26	78	78		1	84	30	93(248)
144.4	2.9	79	79	25	25	103	41	56	9(43)	97	7	86	17
	85	0	94	29(111)	25	25	79	79		0	84	30	94(248)

HA=191.9 HI= 29.5 GGW= 75.8 SL= 0.0 MAX(A,B,C,D)= 9.6 7.9 8.7 8.7

Main boom and fixed jib (jib angle 40.0 degrees)

Length of main boom = 193.9 ft Length of jib = 29.5 ft

Main boom sequence = 45-90-90-90-90-90 % LK = 76

Counterweight = 75.8 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
	1(0)		2(...)		3(90)		6(...)						
A B C D	A B C D	A B C D	A B C D	A B C D	A B C D	A B C D	A B C D						
65.6	19.0	73	73	39	39	86	53	55	30(37)	83	30	76	35
	77	27	80	41(108)	41	41	71	71		26	77	41	80(251)
72.2	18.5	77	77	35	35	94	50	57	24(41)	90	23	81	30
	80	18	86	39(112)	37	37	75	75		18	80	40	86(247)
78.7	17.6	80	80	32	32	99	48	57	18(41)	95	17	85	25
	83	11	92	37(114)	33	33	78	78		11	82	38	92(245)
85.3	15.0	79	79	31	31	100	47	57	17(42)	95	16	85	24
	82	10	92	37(114)	32	32	78	78		10	82	37	92(245)
91.9	12.8	79	79	30	30	100	46	57	15(42)	95	15	85	23
	85	9	91	33(110)	31	31	78	78		9	84	34	91(249)
98.4	10.8	79	79	29	29	100	45	56	14(42)	96	13	85	22
	85	7	91	32(110)	30	30	78	78		7	84	33	92(249)
105.0	9.3	79	79	28	28	101	44	57	13(43)	97	12	86	21
	85	6	92	32(111)	29	29	78	78		5	84	33	93(248)
111.5	7.7	79	79	27	27	102	43	57	12(43)	97	11	86	20
	85	4	93	32(111)	28	28	78	78		4	84	32	93(248)
118.1	6.2	79	79	27	27	101	43	56	11(43)	96	10	86	20
	84	4	92	31(111)	28	28	78	78		4	84	32	93(248)
124.7	5.1	79	79	26	26	102	42	56	10(43)	97	9	86	19
	85	2	93	30(111)	26	26	79	79		2	84	31	93(248)
131.2	3.7	79	79	26	26	102	42	56	10(43)	97	8	86	19
	84	2	93	30(111)	26	26	78	78		2	84	31	93(248)
137.8	2.9	79	79	25	25	103	41	56	9(43)	97	7	86	17
	85	0	94	29(111)	25	25	79	79		0	84	30	94(248)

HA=193.9 HI= 29.5 GGW= 75.8 SL= 0.0 MAX(A,B,C,D)= 9.5 7.8 8.7 8.7

Main boom and fixed jib (jib angle 40.0 degrees)

Length of main boom = 205.7 ft Length of jib = 29.5 ft

Main boom sequence = 45-100-100-100-100-100 % LK = 77

Counterweight = 75.8 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]								(Pos.[Degrees])				0-360 Degr.	
		1(0)		2(...)		3(90)		4(...)		5(180)		6(...)			
		A	B	C	D	A	B	C	D	A	B	C	D		
72.2	17.4	75	75	37	37	90	51	56	26	(40)	88	25	79	31	
		79	21	84	40	(111)	38	38	73	73	21	78	40	84	(248)
78.7	17.0	78	78	33	33	98	47	58	19	(43)	94	19	84	26	
		82	13	90	37	(113)	34	34	77	77	13	81	38	90	(246)
85.3	14.6	78	78	32	32	98	48	56	18	(41)	94	17	84	25	
		82	11	91	37	(114)	33	33	77	77	11	81	37	91	(245)
91.9	12.6	79	79	30	30	99	46	57	16	(42)	95	15	84	24	
		84	9	91	34	(110)	31	31	78	78	9	84	34	91	(249)
98.4	10.6	78	78	30	30	99	45	56	15	(42)	95	14	84	23	
		84	8	91	33	(110)	30	30	78	78	8	84	33	91	(249)
105.0	8.8	78	78	29	29	99	45	56	14	(42)	95	13	84	22	
		84	7	91	32	(110)	30	30	78	78	7	84	33	91	(249)
111.5	7.3	78	78	28	28	100	44	56	13	(42)	95	12	84	21	
		84	6	91	32	(110)	29	29	78	78	6	84	32	91	(249)
118.1	6.0	78	78	27	27	100	43	55	12	(42)	95	11	85	20	
		84	5	91	31	(110)	28	28	78	78	5	84	32	92	(249)
124.7	4.9	79	79	26	26	101	42	56	11	(43)	96	9	85	19	
		84	3	92	31	(111)	27	27	78	78	3	83	31	93	(248)
131.2	3.5	78	78	26	26	101	42	56	11	(43)	96	9	85	19	
		84	3	92	30	(111)	27	27	78	78	3	83	31	92	(248)
137.8	2.6	78	78	26	26	102	41	56	9	(43)	96	8	86	18	
		84	2	93	30	(111)	26	26	78	78	1	83	30	93	(248)

HA=205.7 HI= 29.5 GGW= 75.8 SL= 0.0 MAX(A,B,C,D)= 9.4 7.8 8.6 8.6

Main boom and fixed jib (jib angle 40.0 degrees)

Length of main boom = 208.0 ft Length of jib = 29.5 ft

Main boom sequence = 90-90-90-90-90 % LK = 78

Counterweight = 75.8 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]								(Pos.[Degrees])				0-360 Degr.	
		1(0)		2(...)		3(90)		4(...)		5(180)		6(...)			
		A	B	C	D	A	B	C	D	A	B	C	D		
72.2	18.5	78	78	34	34	96	49	58	22	(42)	92	21	82	28	
		81	16	88	39	(113)	36	36	76	76	16	80	39	88	(246)
78.7	15.9	78	78	33	33	97	47	58	19	(43)	93	19	83	27	
		81	13	89	37	(113)	34	34	77	77	13	81	38	89	(246)
85.3	13.4	78	78	32	32	97	47	56	18	(41)	93	17	83	25	
		81	11	90	37	(114)	33	33	77	77	11	80	37	90	(245)
91.9	11.2	78	78	31	31	97	47	56	17	(41)	93	16	83	24	
		81	10	90	36	(114)	32	32	77	77	10	80	37	90	(245)
98.4	9.5	78	78	30	30	99	45	56	15	(42)	94	14	84	23	
		84	8	90	33	(110)	30	30	77	77	8	83	33	90	(249)
105.0	7.7	78	78	29	29	99	45	56	14	(42)	94	13	84	22	
		83	7	90	32	(110)	30	30	77	77	7	83	33	90	(249)
111.5	6.2	78	78	28	28	99	44	55	13	(42)	94	12	84	21	
		83	6	90	32	(110)	29	29	77	77	6	83	32	91	(249)

118.1 4.9 78 78 27 27 99 43 55 13(42) 95 11 84 21
 84 5 91 31(110) 28 28 77 77 5 83 32 91(249)
 124.7 3.5 77 77 27 27 99 43 55 12(42) 94 10 84 20
 83 4 91 30(110) 27 27 77 77 4 83 31 91(249)
 131.2 2.4 77 77 26 26 100 42 55 11(43) 95 9 84 19
 83 3 91 31(111) 27 27 77 77 3 82 31 91(248)

 HA=208.0 HI= 29.5 GGW= 75.8 SL= 0.0 MAX(A,B,C,D)= 9.3 7.7 8.5 8.5

Main boom and fixed jib (jib angle 40.0 degrees)

Length of main boom = 222.4 ft Length of jib = 29.5 ft
 Main boom sequence = 100-100-100-100-100-100 % LK = 79
 Counterweight = 75.8 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.			
		1(0)		2(...)		3(90)		6(...)					
		4(...)		5(180)		6(...)							
		A	B	C	D	A	B	C	D				
78.7	15.2	77	77	33	33	96	47	58	21(43)	91	20	82	27
		80	15	88	38(113)	35	35	76	76	15	80	38	88(246)
85.3	12.8	77	77	32	32	95	48	55	19(40)	92	19	82	26
		80	13	88	37(113)	33	33	76	76	13	80	37	88(246)
91.9	10.8	77	77	31	31	96	47	56	18(41)	92	17	82	25
		80	11	89	36(114)	32	32	76	76	11	79	37	89(245)
98.4	8.8	77	77	30	30	96	46	55	17(41)	92	16	82	24
		80	10	89	36(114)	31	31	76	76	9	79	36	89(245)
105.0	7.3	77	77	29	29	97	45	56	15(42)	93	14	83	23
		83	8	89	33(110)	30	30	76	76	8	82	33	89(249)
111.5	5.7	77	77	29	29	97	44	55	14(42)	93	13	83	22
		82	7	89	32(110)	29	29	76	76	7	82	33	90(249)
118.1	4.4	77	77	28	28	98	43	55	13(42)	93	12	83	21
		83	6	90	31(110)	28	28	77	77	6	82	32	90(249)
124.7	3.3	77	77	27	27	99	43	55	12(42)	94	11	84	20
		83	5	90	31(110)	28	28	77	77	5	82	31	91(249)

 HA=222.4 HI= 29.5 GGW= 75.8 SL= 0.0 MAX(A,B,C,D)= 9.2 7.7 8.4 8.4

Programm L A M O S 9 9 Version 1.08 vom 29.09.02

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Eingabedatei: ilam.dat

Festdatei : /berechnung/tabellen/zentraledaten/lamosfd-ac/200-1.99dat

Tabellendat.: /berechnung/tabellen/ac/ac200-1/serie_3/pc_tab/22137012_tab.txt

H

DEMAG Mobile Cranes

O U T R I G G E R - L O A D I N G S

(Variance = +-10%)

PSI= 1.00

Crane : *** AC 200-1 *** mit HKHI fuer GA und MS

Outrigger width = 18.7 ft	Outrigger length = 27.7 ft
Outrigger "A" X = 12.0 ft	Outrigger "A" Y = 9.4 ft
Outrigger "B" X = 12.0 ft	Outrigger "B" Y = -9.4 ft

11.5	39.7	49	49	70	70	38	71	51	77(59)	41	80	43	73
		52	83	39	63(128)	72	72	47	47	83	52	63	39(232)
13.1	39.7	50	50	68	68	41	70	52	75(59)	44	77	45	71
		53	80	42	62(128)	71	71	48	48	80	53	62	42(232)
14.8	39.7	52	52	67	67	44	68	53	72(59)	46	75	47	69
		54	77	45	62(128)	69	69	50	50	77	54	62	45(232)
16.4	39.7	54	54	65	65	47	67	54	69(59)	49	72	49	67
		56	74	47	61(128)	67	67	51	51	74	56	61	47(232)
19.7	39.7	57	57	62	62	53	64	56	64(59)	54	67	54	63
		58	68	52	60(128)	64	64	54	54	68	58	60	52(232)
23.0	39.7	60	60	59	59	60	61	58	59(59)	60	61	58	59
		60	61	58	58(127)	61	61	58	58	61	60	58	58(232)
26.2	39.7	63	63	55	55	66	58	60	54(59)	65	56	62	55
		63	55	63	57(128)	58	58	61	61	55	63	57	63(232)
29.5	39.7	67	67	52	52	72	55	62	49(59)	71	50	66	50
		71	50	66	50(90)	54	54	64	64	50	71	50	66(270)
32.8	37.3	68	68	50	50	70	65	52	48(10)	73	47	68	48
		73	47	68	48(90)	52	52	65	65	47	73	48	68(270)
39.4	32.2	69	69	46	46	75	61	52	42(24)	76	41	70	43
		75	40	71	45(96)	48	48	67	67	40	74	45	71(263)
45.9	27.8	69	69	43	43	78	58	53	37(30)	78	37	71	40
		75	35	73	43(101)	45	45	68	68	35	75	43	73(258)
52.5	24.9	71	71	41	41	82	54	54	32(35)	81	32	74	36
		76	29	77	41(106)	42	42	69	69	29	75	41	77(253)
59.1	22.0	72	72	38	38	85	52	54	29(37)	83	28	75	34
		76	25	79	40(108)	39	39	71	71	24	76	40	79(251)
65.6	20.1	73	73	36	36	88	49	55	25(40)	86	24	77	31
		77	20	82	38(110)	37	37	72	72	20	77	39	82(249)
72.2	18.1	74	74	34	34	91	47	55	22(41)	88	21	79	28
		78	16	84	37(112)	35	35	73	73	16	77	38	84(247)

HA= 54.5 HI= 29.5 GGW= 68.6 SL= 0.0 MAX(A,B,C,D)= 8.5 8.0 7.8 7.8

Main boom and fixed jib (jib angle 0.0 degrees)

Length of main boom = 68.6 ft Length of jib = 29.5 ft

Main boom sequence = 0-0-0-0-0-90 % LK = 13

Counterweight = 68.6 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.			
		1(0)		2(...)		3(90)		6(...)					
		4(...)		5(180)				6(...)					
		A	B	C	D	A	B	C	D	A	B	C	D
13.1	39.7	50	50	69	69	40	70	52	75(59)	43	78	45	71
		53	80	41	62(128)	71	71	48	48	80	53	62	41(232)
14.8	39.7	52	52	67	67	43	69	53	72(59)	46	75	47	69
		54	77	44	62(128)	69	69	49	49	77	54	62	44(232)
16.4	39.7	53	53	65	65	47	67	54	70(59)	49	73	49	67
		56	75	47	61(128)	68	68	51	51	75	56	61	47(232)
19.7	39.7	57	57	62	62	53	64	56	65(59)	54	67	53	63
		58	68	52	60(128)	65	65	54	54	68	58	60	52(232)
23.0	39.7	60	60	59	59	59	61	58	60(59)	59	62	57	59
		60	62	57	59(127)	61	61	57	57	62	60	58	57(232)
26.2	38.4	62	62	56	56	63	59	59	55(59)	63	57	60	56
		61	57	61	57(128)	58	58	60	60	57	61	57	61(232)

29.5	35.7	63	63	54	54	66	56	59	52(59)	65	54	62	53
		62	53	63	56(128)	56	56	61	61	53	62	56	63(232)
32.8	33.1	63	63	52	52	68	54	60	49(59)	67	51	63	51
		62	49	65	55(128)	54	54	62	62	49	62	55	65(232)
39.4	29.1	65	65	49	49	67	63	50	47(7)	70	45	65	46
		70	45	65	46(90)	50	50	63	63	45	70	46	65(270)
45.9	25.6	66	66	45	45	71	60	50	42(21)	73	40	67	43
		72	40	68	43(93)	47	47	65	65	40	72	43	68(266)
52.5	22.3	67	67	43	43	74	57	51	38(27)	74	37	69	40
		72	35	70	42(99)	45	45	66	66	35	72	42	71(260)
59.1	20.3	68	68	41	41	78	54	52	34(33)	77	33	71	37
		74	30	74	41(104)	42	42	67	67	30	73	41	74(255)
65.6	18.5	70	70	38	38	82	52	53	30(36)	80	29	73	34
		75	26	77	39(107)	39	39	69	69	25	74	40	77(252)
72.2	16.8	71	71	36	36	85	50	53	27(38)	82	26	75	32
		75	22	79	38(109)	37	37	70	70	22	75	39	79(250)
78.7	15.7	73	73	34	34	89	47	55	23(41)	85	22	77	29
		77	17	82	37(111)	35	35	72	72	17	76	38	82(248)
85.3	14.3	74	74	32	32	91	46	55	20(42)	88	19	79	27
		77	14	84	36(112)	33	33	73	73	14	77	37	84(247)

HA= 68.6 HI= 29.5 GGW= 68.6 SL= 0.0 MAX(A,B,C,D)= 8.5 7.5 7.8 7.8

Main boom and fixed jib (jib angle 0.0 degrees)

Length of main boom = 70.2 ft Length of jib = 29.5 ft

Main boom sequence = 0-0-0-0-100 % LK = 14

Counterweight = 68.6 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.			
		1(0)		2(...)		3(90)		6(...)					
		4(...)		5(180)		6(...)							
		A	B	C	D	A	B	C	D	A	B	C	D
13.1	39.7	50	50	69	69	40	70	52	75(59)	43	78	45	71
		53	81	41	62(128)	71	71	48	48	81	53	62	41(232)
14.8	39.7	52	52	67	67	43	69	53	72(59)	46	75	47	69
		54	78	44	62(128)	69	69	49	49	78	54	62	44(232)
16.4	39.7	53	53	65	65	47	67	54	70(59)	49	73	49	67
		56	75	47	61(128)	68	68	51	51	75	56	61	47(232)
19.7	39.7	56	56	62	62	53	64	56	65(59)	54	67	53	63
		58	68	52	60(128)	65	65	54	54	68	58	60	52(232)
23.0	38.1	59	59	59	59	57	62	57	60(59)	58	63	56	60
		59	63	55	58(128)	62	62	56	56	63	59	58	55(232)
26.2	35.3	60	60	57	57	60	59	57	57(59)	60	59	58	57
		60	59	58	57(127)	59	59	58	58	59	60	57	58(232)
29.5	32.4	60	60	55	55	62	57	58	54(59)	61	56	59	55
		60	55	59	56(128)	57	57	58	58	55	60	56	59(232)
32.8	29.8	60	60	53	53	63	55	58	52(59)	62	53	60	52
		60	52	60	55(128)	55	55	59	59	52	60	55	60(232)
39.4	25.8	62	62	50	50	67	52	58	47(59)	65	48	62	49
		60	47	63	53(128)	52	52	60	60	47	60	53	63(232)
45.9	22.7	63	63	47	47	64	62	48	47(4)	68	44	64	45
		68	44	64	45(90)	49	49	62	62	44	68	45	64(270)
52.5	19.6	63	63	45	45	67	59	49	43(15)	69	40	65	43
		69	40	65	43(90)	46	46	62	62	40	69	43	65(270)

59.1	17.9	65	65	43	43	71	56	50	38(25)	72	36	67	40
		71	35	68	41(97)	44	44	64	64	35	71	41	68(262)
65.6	16.3	66	66	41	41	75	54	51	34(31)	75	33	69	37
		72	31	71	40(102)	41	41	66	66	30	72	40	72(257)
72.2	14.6	67	67	39	39	78	52	51	32(33)	77	30	70	35
		73	28	73	39(104)	40	40	67	67	27	72	39	73(255)
78.7	13.7	69	69	37	37	82	50	52	28(37)	80	26	73	32
		74	23	77	38(108)	37	37	68	68	23	73	39	77(251)
85.3	12.6	70	70	35	35	85	48	53	25(39)	82	24	75	30
		75	19	79	37(109)	35	35	70	70	19	74	37	79(250)

HA= 70.2 HI= 29.5 GGW= 68.6 SL= 0.0 MAX(A,B,C,D)= 7.9 7.5 7.4 7.4

Main boom and fixed jib (jib angle 0.0 degrees)

Length of main boom = 82.3 ft Length of jib = 29.5 ft

Main boom sequence = 0-0-0-0-45-90 % LK = 20

Counterweight = 68.6 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
	1(0)		2(...)		3(90)		6(...)						
	A	B	C	D	A	B	C	D	A	B	C	D	
16.4	39.7	53	53	65	65	47	67	54	70(59)	49	73	49	67
		56	75	47	61(128)	68	68	51	51	75	56	61	47(232)
19.7	39.7	57	57	62	62	53	64	56	65(59)	54	67	53	63
		58	68	52	60(128)	65	65	54	54	68	58	60	52(232)
23.0	39.7	60	60	59	59	59	61	58	60(59)	59	62	57	59
		60	62	57	59(127)	62	62	57	57	62	60	59	57(232)
26.2	39.7	63	63	56	56	65	58	60	54(59)	64	57	61	55
		62	56	62	57(128)	58	58	61	61	56	62	57	62(232)
29.5	38.6	65	65	53	53	70	56	61	50(59)	69	52	64	52
		64	51	66	56(128)	55	55	63	63	51	64	56	66(232)
32.8	36.2	66	66	51	51	72	54	61	47(59)	71	49	66	49
		71	49	66	49(90)	53	53	64	64	49	71	49	66(270)
39.4	31.3	67	67	47	47	71	62	51	44(18)	73	43	68	45
		73	43	68	45(91)	49	49	65	65	43	73	45	68(268)
45.9	28.0	69	69	44	44	77	58	52	39(28)	77	38	71	41
		75	36	72	43(100)	46	46	67	67	36	74	43	73(259)
52.5	25.1	70	70	41	41	81	55	54	34(34)	80	33	73	37
		75	30	76	41(105)	43	43	69	69	30	75	42	76(254)
59.1	22.5	71	71	39	39	84	52	54	30(37)	82	30	75	35
		76	26	78	40(107)	40	40	70	70	26	76	40	78(252)
65.6	20.5	73	73	37	37	87	50	54	26(39)	84	26	77	32
		77	21	81	39(110)	37	37	72	72	21	76	39	81(249)
72.2	19.0	74	74	34	34	91	48	55	22(41)	88	22	79	29
		78	17	84	37(111)	35	35	73	73	17	78	38	84(248)
78.7	17.4	75	75	32	32	94	45	56	19(43)	90	19	80	26
		79	13	87	37(113)	33	33	75	75	13	78	37	87(246)
85.3	15.9	76	76	30	30	96	46	55	17(41)	92	16	82	24
		79	10	89	36(114)	31	31	76	76	10	78	36	89(245)
91.9	14.1	76	76	30	30	96	45	55	16(41)	92	15	82	23
		82	9	88	32(109)	30	30	76	76	9	82	33	88(250)
98.4	12.3	76	76	29	29	96	45	54	15(41)	92	14	82	22
		82	8	88	32(109)	30	30	75	75	8	82	32	88(250)

 HA= 82.3 HI= 29.5 GGW= 68.6 SL= 0.0 MAX(A,B,C,D)= 8.9 7.6 8.2 8.2

Main boom and fixed jib (jib angle 0.0 degrees)
 Length of main boom = 84.0 ft Length of jib = 29.5 ft
 Main boom sequence = 0-0-0-0-45-100 % LK = 21
 Counterweight = 68.6 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]								(Pos.[Degrees])				0-360 Degr.
		1(0)				2(...)				3(90)				
		4(...)				5(180)				6(...)				
A	B	C	D	A	B	C	D	A	B	C	D			
16.4	39.7	53	53	65	65	47	67	54	70(59)	49	73	49	67	
		56	75	47	61(128)	68	68	51	51	75	56	61	47(232)	
19.7	39.7	56	56	62	62	53	64	56	65(59)	54	67	53	63	
		58	68	52	60(128)	65	65	54	54	68	58	60	52(232)	
23.0	39.7	60	60	59	59	59	61	58	60(59)	59	62	57	59	
		60	62	57	59(127)	62	62	57	57	62	60	59	57(232)	
26.2	36.8	61	61	57	57	62	59	58	56(59)	61	58	59	56	
		60	58	59	57(127)	59	59	58	58	58	60	57	59(232)	
29.5	34.4	62	62	54	54	64	57	59	53(59)	63	55	60	54	
		61	54	61	56(128)	56	56	60	60	54	61	56	61(232)	
32.8	32.2	63	63	52	52	67	55	59	50(59)	65	51	62	51	
		61	50	63	55(128)	54	54	61	61	50	61	55	63(232)	
39.4	27.8	64	64	49	49	70	51	59	45(59)	68	46	64	47	
		68	46	64	47(90)	51	51	62	62	46	68	47	64(270)	
45.9	24.7	65	65	46	46	69	60	50	43(17)	71	41	66	44	
		71	41	66	44(90)	48	48	64	64	41	71	44	66(269)	
52.5	22.3	67	67	43	43	74	57	51	38(26)	74	37	69	40	
		72	36	70	42(98)	45	45	65	65	35	72	42	70(261)	
59.1	19.8	68	68	41	41	77	55	51	35(31)	76	34	70	38	
		73	32	72	41(102)	42	42	67	67	31	73	41	73(257)	
65.6	18.1	69	69	39	39	80	52	52	31(35)	79	30	72	35	
		74	27	75	40(106)	40	40	68	68	27	74	40	76(253)	
72.2	16.8	71	71	37	37	84	50	53	27(38)	82	26	75	32	
		75	22	79	39(109)	37	37	70	70	22	75	39	79(250)	
78.7	15.2	72	72	35	35	87	48	54	24(40)	84	23	76	30	
		76	19	81	37(110)	36	36	71	71	19	75	38	81(249)	
85.3	14.1	73	73	33	33	90	47	54	21(41)	86	20	78	28	
		77	15	83	37(112)	34	34	72	72	15	76	37	84(247)	
91.9	13.2	75	75	31	31	93	46	54	18(40)	89	17	80	25	
		78	11	86	35(113)	32	32	74	74	11	77	36	86(246)	
98.4	12.3	76	76	29	29	95	45	54	15(41)	91	14	82	23	
		82	9	88	32(109)	30	30	75	75	8	81	32	88(250)	

 HA= 84.0 HI= 29.5 GGW= 68.6 SL= 0.0 MAX(A,B,C,D)= 8.9 7.6 8.2 8.2

Main boom and fixed jib (jib angle 0.0 degrees)
 Length of main boom = 96.5 ft Length of jib = 29.5 ft
 Main boom sequence = 0-0-0-0-90-90 % LK = 28
 Counterweight = 68.6 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.
		1(0)				2(...)				
						3(90)				

	4(...)				5(180)				6(...)					
	A	B	C	D	A	B	C	D	A	B	C	D		
19.7	39.7	57	57	62	62	53	64	56	65	(59)	54	67	53	63
		58	68	52	60(128)	65	65	54	54	68	58	60	52(232)	
23.0	39.7	60	60	59	59	59	61	58	60	(59)	59	62	57	59
		60	62	57	59(127)	62	62	57	57	62	60	59	57(232)	
26.2	39.7	63	63	56	56	65	58	60	54	(59)	64	57	61	55
		62	56	62	57(128)	58	58	61	61	56	62	57	62(232)	
29.5	39.0	65	65	53	53	70	56	61	50	(59)	69	52	65	52
		64	50	66	56(128)	55	55	63	63	50	64	56	66(232)	
32.8	36.6	67	67	51	51	73	53	62	47	(59)	71	48	66	49
		71	48	66	49(90)	53	53	64	64	48	71	49	66(270)	
39.4	32.6	69	69	47	47	74	62	52	43	(22)	75	42	69	44
		74	41	70	45(95)	49	49	67	67	41	74	45	70(264)	
45.9	28.7	69	69	44	44	78	58	53	37	(30)	78	37	71	40
		75	35	73	43(101)	45	45	68	68	35	75	43	74(258)	
52.5	25.8	71	71	41	41	82	54	54	33	(35)	81	32	74	37
		76	29	77	41(106)	42	42	70	70	29	76	42	77(253)	
59.1	23.4	73	73	38	38	86	52	55	29	(38)	84	28	76	34
		77	24	80	40(108)	39	39	71	71	24	77	40	80(251)	
65.6	20.9	73	73	36	36	88	50	55	26	(40)	86	25	77	31
		78	21	82	39(110)	37	37	72	72	21	77	39	82(249)	
72.2	19.0	74	74	34	34	91	48	55	23	(41)	88	22	79	29
		78	17	84	37(111)	35	35	73	73	17	78	38	84(248)	
78.7	17.6	76	76	32	32	94	48	55	19	(40)	90	18	81	26
		79	13	87	37(113)	33	33	75	75	13	78	37	87(246)	
85.3	15.9	76	76	31	31	95	46	55	17	(41)	91	16	82	24
		79	10	88	36(114)	31	31	76	76	10	78	36	89(245)	
91.9	13.9	76	76	30	30	95	45	54	17	(41)	91	15	82	24
		79	9	88	35(114)	31	31	75	75	9	78	36	88(245)	
98.4	12.3	76	76	29	29	96	45	54	15	(41)	92	14	82	23
		82	8	88	32(109)	30	30	75	75	8	81	32	88(250)	
105.0	10.8	76	76	29	29	95	44	54	15	(41)	91	13	82	22
		82	8	88	31(109)	29	29	75	75	7	81	32	88(250)	
111.5	9.7	76	76	28	28	97	43	54	13	(42)	92	12	82	21
		82	6	89	31(110)	28	28	76	76	6	81	32	89(249)	

HA= 96.5 HI= 29.5 GGW= 68.6 SL= 0.0 MAX(A,B,C,D)= 9.0 7.6 8.2 8.3

Main boom and fixed jib (jib angle 0.0 degrees)
Length of main boom = 100.4 ft Length of jib = 29.5 ft
Main boom sequence = 0-0-0-0-100-100 % LK = 29
Counterweight = 68.6 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.					
	1(0)		2(...)		3(90)		4(180)							
	4(...)				5(180)				6(...)					
	A	B	C	D	A	B	C	D	A	B	C	D		
23.0	39.7	60	60	59	59	59	62	58	60	(59)	59	62	57	59
		60	62	57	59(127)	62	62	57	57	62	60	59	57(232)	
26.2	37.7	61	61	56	56	63	59	59	56	(59)	62	58	60	56
		61	58	60	57(127)	59	59	59	59	58	61	57	60(232)	
29.5	35.3	62	62	54	54	65	56	59	52	(59)	64	54	61	53
		62	53	62	56(128)	56	56	60	60	53	62	56	62(232)	

32.8	32.6	63	63	52	52	67	54	59	50(59)	66	51	62	51
		62	50	64	55(128)	54	54	61	61	50	62	55	64(232)
39.4	28.9	65	65	49	49	65	64	49	48(4)	70	45	65	47
		70	45	65	47(90)	50	50	63	63	45	70	47	65(270)
45.9	25.4	66	66	46	46	71	60	50	42(20)	72	41	67	43
		72	41	67	43(92)	47	47	64	64	40	72	44	67(267)
52.5	22.3	67	67	43	43	74	57	51	38(26)	74	37	69	40
		72	36	70	42(98)	45	45	65	65	36	72	42	70(261)
59.1	20.3	68	68	41	41	78	54	52	34(32)	77	33	71	37
		74	31	73	41(103)	42	42	67	67	30	73	41	73(256)
65.6	18.3	69	69	39	39	81	52	52	31(35)	79	30	73	35
		74	26	76	39(106)	40	40	68	68	26	74	40	76(253)
72.2	16.3	70	70	37	37	83	50	53	28(37)	81	27	74	33
		75	23	78	39(108)	38	38	69	69	23	74	39	78(251)
78.7	15.0	71	71	35	35	86	49	53	25(39)	83	24	75	30
		75	20	80	38(110)	36	36	71	71	20	75	38	80(249)
85.3	13.9	73	73	33	33	89	47	54	22(41)	86	21	77	28
		77	16	83	36(111)	34	34	72	72	16	76	37	83(248)
91.9	12.8	74	74	32	32	91	45	55	19(42)	88	18	79	26
		77	13	85	35(112)	32	32	73	73	13	77	36	85(247)
98.4	11.7	75	75	30	30	93	46	53	17(40)	89	16	80	24
		78	10	86	35(113)	31	31	74	74	10	77	35	87(246)
105.0	11.0	76	76	28	28	96	43	55	14(42)	92	13	82	22
		82	7	88	32(110)	29	29	76	76	7	81	32	89(249)
111.5	9.7	76	76	28	28	96	43	54	14(42)	92	12	82	21
		81	6	88	31(110)	28	28	75	75	6	81	32	89(249)

HA=100.4 HI= 29.5 GGW= 68.6 SL= 0.0 MAX(A,B,C,D)= 9.0 7.5 8.2 8.2

Main boom and fixed jib (jib angle 0.0 degrees)

Length of main boom = 110.2 ft Length of jib = 29.5 ft

Main boom sequence = 0-0-0-45-90-90 % LK = 36

Counterweight = 68.6 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
	1(0)		2(...)		3(90)		6(...)						
	A	B	C	D	A	B	C	D					
23.0	39.7	60	60	59	59	61	58	59(59)	60	62	57	59	
		60	62	57	58(127)	61	61	58	58	62	60	58	57(232)
26.2	39.7	63	63	56	56	65	58	60	54(59)	65	56	62	55
		62	56	62	57(128)	58	58	61	61	56	62	57	62(232)
29.5	39.7	66	66	52	52	72	55	62	49(59)	70	51	65	51
		70	51	65	51(90)	55	55	64	64	51	70	51	65(270)
32.8	37.9	68	68	50	50	70	65	52	48(11)	73	47	68	48
		73	47	68	48(90)	52	52	66	66	47	73	48	68(270)
39.4	33.7	70	70	46	46	77	60	54	41(27)	78	40	71	43
		76	39	73	45(98)	48	48	68	68	39	76	45	73(261)
45.9	30.4	72	72	42	42	83	56	55	35(34)	82	34	74	38
		77	32	77	43(105)	44	44	70	70	32	77	43	77(254)
52.5	27.1	73	73	39	39	86	54	55	30(37)	84	30	76	35
		78	26	80	41(108)	41	41	72	72	26	77	41	80(251)
59.1	24.7	75	75	37	37	90	50	56	26(40)	87	25	78	31
		79	21	84	39(110)	38	38	73	73	21	79	39	84(249)

65.6	22.7	77	77	34	34	94	48	57	21(42)	91	21	81	28
		80	16	87	38(112)	35	35	75	75	16	80	38	87(247)
72.2	20.7	78	78	32	32	97	47	56	18(41)	93	17	83	25
		80	12	90	37(114)	33	33	77	77	11	80	37	90(245)
78.7	17.9	77	77	31	31	96	47	55	18(41)	92	17	82	25
		80	11	89	36(114)	32	32	76	76	11	79	37	89(245)
85.3	15.7	77	77	30	30	96	46	55	17(41)	92	15	82	24
		80	9	89	35(114)	31	31	76	76	9	79	36	89(245)
91.9	13.7	76	76	30	30	96	45	54	16(41)	92	14	82	23
		82	9	88	32(109)	30	30	76	76	9	82	33	88(250)
98.4	11.9	76	76	29	29	96	45	54	15(41)	92	14	82	22
		82	8	88	32(109)	29	29	75	75	8	81	32	88(250)
105.0	10.6	76	76	28	28	97	43	55	14(42)	92	12	82	21
		82	7	89	31(110)	28	28	76	76	6	81	32	89(249)
111.5	9.3	76	76	28	28	97	43	54	13(42)	92	11	82	21
		82	6	89	31(110)	28	28	76	76	6	81	32	89(249)
118.1	8.2	76	76	27	27	97	42	54	12(42)	93	11	83	20
		82	5	89	30(110)	27	27	76	76	5	81	31	89(249)
124.7	7.3	76	76	26	26	98	42	54	11(42)	93	9	83	19
		82	3	90	30(110)	26	26	76	76	3	82	30	90(249)

HA=110.2 HI= 29.5 GGW= 68.6 SL= 0.0 MAX(A,B,C,D)= 9.1 7.6 8.3 8.4

Main boom and fixed jib (jib angle 0.0 degrees)
 Length of main boom = 114.5 ft Length of jib = 29.5 ft
 Main boom sequence = 0-0-0-45-100-100 % LK = 37
 Counterweight = 68.6 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
	1(0)		2(...)		3(90)		6(...)						
	A	B	C	D	A	B	C	D	A	B	C	D	
26.2	38.4	62	62	56	56	64	58	59	55(59)	63	57	60	56
		62	56	61	57(128)	58	58	60	60	56	62	57	61(232)
29.5	35.9	63	63	54	54	67	56	60	51(59)	66	53	62	53
		62	52	63	56(128)	56	56	61	61	52	62	56	63(232)
32.8	33.7	64	64	52	52	69	54	60	48(59)	68	50	64	50
		63	49	66	55(128)	54	54	62	62	49	63	55	66(232)
39.4	29.5	66	66	48	48	68	63	50	46(12)	71	44	66	46
		71	44	66	46(90)	50	50	64	64	44	71	46	66(270)
45.9	26.7	68	68	45	45	75	59	52	40(26)	75	39	69	41
		73	37	71	43(98)	46	46	66	66	37	73	43	71(261)
52.5	23.8	69	69	42	42	78	56	53	35(32)	78	34	71	38
		74	32	74	41(103)	43	43	68	68	32	74	42	74(256)
59.1	21.4	70	70	39	39	82	53	53	31(35)	80	30	73	35
		75	27	77	40(106)	41	41	69	69	27	75	40	77(253)
65.6	19.6	72	72	37	37	86	51	54	27(38)	83	26	76	32
		76	22	80	39(109)	38	38	71	71	22	76	39	80(250)
72.2	18.1	73	73	35	35	90	48	55	23(41)	86	23	78	29
		77	18	83	38(111)	35	35	73	73	18	77	38	83(248)
78.7	16.3	74	74	33	33	92	46	56	21(42)	88	20	79	27
		78	15	85	37(112)	34	34	73	73	15	77	37	85(247)
85.3	15.0	75	75	31	31	94	47	54	18(40)	90	17	81	25
		79	11	87	36(113)	32	32	75	75	11	78	36	87(246)

91.9	13.7	76	76	30	30	96	45	54	16(41)	92	15	82	23
		82	9	88	32(109)	30	30	76	76	9	82	33	88(250)
98.4	11.9	76	76	29	29	95	45	54	15(41)	91	14	82	23
		82	8	88	32(109)	30	30	75	75	8	81	32	88(250)
105.0	10.6	76	76	28	28	96	43	55	14(42)	92	13	82	22
		82	7	88	32(110)	29	29	76	76	7	81	32	89(249)
111.5	9.3	76	76	28	28	96	43	54	13(42)	92	12	82	21
		81	6	88	31(110)	28	28	75	75	6	81	32	89(249)
118.1	8.2	76	76	27	27	97	42	54	13(42)	92	11	82	20
		82	5	89	30(110)	27	27	76	76	5	81	31	89(249)
124.7	7.3	76	76	26	26	98	42	54	11(42)	93	10	83	19
		82	4	90	30(110)	26	26	76	76	4	81	30	90(249)
131.2	6.4	76	76	26	26	98	41	54	11(42)	93	9	83	19
		82	3	90	29(110)	26	26	76	76	3	82	30	90(249)

 HA=114.5 HI= 29.5 GGW= 68.6 SL= 0.0 MAX(A,B,C,D)= 9.1 7.6 8.4 8.4

Main boom and fixed jib (jib angle 0.0 degrees)

Length of main boom = 124.3 ft Length of jib = 29.5 ft

Main boom sequence = 0-0-0-90-90-90 % LK = 45

Counterweight = 68.6 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.			
		1(0)		2(...)		3(90)		6(...)					
		A	B	C	D	A	B		C		D		
29.5	39.7	67	67	52	52	72	55	62	49(59)	71	50	66	50
		71	50	66	50(90)	55	55	64	64	50	71	50	66(270)
32.8	37.7	68	68	50	50	71	65	52	48(12)	74	47	68	48
		74	47	68	48(90)	52	52	66	66	47	74	48	68(270)
39.4	34.0	71	71	45	45	78	60	54	40(28)	78	39	72	42
		76	38	74	45(100)	47	47	69	69	38	76	45	74(259)
45.9	30.6	73	73	42	42	84	56	55	34(35)	82	34	75	38
		78	30	78	42(106)	43	43	71	71	30	77	43	78(253)
52.5	28.2	75	75	38	38	90	52	56	28(39)	87	28	78	33
		79	24	83	41(110)	40	40	73	73	23	79	41	83(249)
59.1	25.6	77	77	35	35	93	50	57	24(41)	90	23	81	30
		80	18	86	39(112)	37	37	75	75	18	80	39	86(247)
65.6	23.4	78	78	33	33	97	47	58	19(43)	93	19	83	26
		81	13	89	37(113)	34	34	77	77	13	81	38	89(246)
72.2	20.3	78	78	32	32	97	47	56	18(41)	93	17	83	25
		80	11	90	37(114)	33	33	77	77	11	80	37	90(245)
78.7	17.6	77	77	31	31	97	46	55	17(41)	93	16	83	24
		80	10	89	36(114)	32	32	76	76	10	79	37	90(245)
85.3	15.2	77	77	30	30	96	46	55	17(41)	92	15	82	24
		79	9	89	35(114)	31	31	76	76	9	79	36	89(245)
91.9	13.2	76	76	29	29	96	45	54	16(41)	92	14	82	23
		82	9	88	32(109)	30	30	76	76	9	82	33	88(250)
98.4	11.7	76	76	29	29	97	44	55	14(42)	92	13	82	22
		82	7	89	32(110)	29	29	76	76	7	81	32	89(249)
105.0	10.1	76	76	28	28	97	43	54	14(42)	92	12	82	21
		82	7	88	31(110)	28	28	76	76	6	81	32	89(249)
111.5	8.8	76	76	28	28	97	43	54	13(42)	92	11	82	21
		81	6	89	31(110)	28	28	75	75	6	81	32	89(249)

118.1	7.9	76	76	26	26	98	42	54	12(42)	93	10	83	20
	82	4	90	30(110)		27	27	76	76	4	82	31	90(249)
124.7	6.8	76	76	26	26	98	42	54	11(42)	93	9	83	19
	82	3	90	30(110)		26	26	76	76	3	81	30	90(249)
131.2	6.0	76	76	26	26	99	40	54	10(43)	93	8	83	19
	82	2	90	30(111)		26	26	76	76	2	81	30	90(248)
137.8	5.3	77	77	25	25	100	40	54	9(43)	95	7	84	17
	82	1	91	29(111)		25	25	77	77	0	82	30	91(248)

 HA=124.3 HI= 29.5 GGW= 68.6 SL= 0.0 MAX(A,B,C,D)= 9.3 7.6 8.5 8.5

Main boom and fixed jib (jib angle 0.0 degrees)
 Length of main boom = 130.9 ft Length of jib = 29.5 ft
 Main boom sequence = 0-0-0-100-100-100 % LK = 46
 Counterweight = 68.6 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.
	1(0)		2(...)		3(90)		6(...)		
	A	B C D	A B C D	A B C D	A B C D	A B C D			
29.5	35.3	63 63 54 54	66 56 59 51(59)	65 53 62 53					
		62 52 63 56(128)	56 56 61 61	52 62 56 63(232)					
32.8	33.3	64 64 51 51	69 54 60 48(59)	68 50 64 50					
		68 50 64 50(90)	53 53 62 62	50 68 50 64(270)					
39.4	29.8	66 66 48 48	70 62 51 45(15)	72 43 67 45					
		72 43 67 45(90)	49 49 65 65	43 72 45 67(270)					
45.9	26.7	68 68 44 44	76 58 52 39(27)	76 38 70 41					
		74 36 71 43(99)	46 46 67 67	36 74 43 72(260)					
52.5	24.5	70 70 41 41	81 55 53 33(34)	80 33 73 37					
		75 30 76 41(105)	42 42 69 69	30 75 41 76(254)					
59.1	22.0	72 72 38 38	85 52 54 29(37)	83 29 75 34					
		76 25 79 40(108)	39 39 71 71	25 76 40 79(251)					
65.6	19.8	73 73 36 36	88 50 54 26(39)	85 25 77 31					
		77 21 81 39(110)	37 37 72 72	21 77 39 82(249)					
72.2	18.3	74 74 34 34	91 48 55 22(41)	88 21 79 28					
		78 16 85 37(112)	35 35 73 73	16 77 38 85(247)					
78.7	16.8	76 76 32 32	94 47 54 19(40)	90 18 81 26					
		79 12 87 36(113)	33 33 75 75	12 78 37 87(246)					
85.3	15.2	77 77 30 30	96 46 55 17(41)	92 15 82 24					
		79 9 89 35(114)	31 31 76 76	9 79 36 89(245)					
91.9	13.2	76 76 30 30	96 45 54 16(41)	92 14 82 23					
		82 9 88 32(109)	30 30 76 76	9 82 33 88(250)					
98.4	11.7	76 76 29 29	97 44 55 14(42)	92 13 82 22					
		82 7 89 32(110)	29 29 76 76	7 81 32 89(249)					
105.0	10.1	76 76 28 28	97 43 54 14(42)	92 12 82 21					
		82 7 88 31(110)	28 28 76 76	6 81 32 89(249)					
111.5	8.8	76 76 28 28	97 43 54 13(42)	92 11 82 21					
		81 6 89 31(110)	28 28 75 75	6 81 32 89(249)					
118.1	7.7	76 76 27 27	97 42 54 12(42)	92 11 82 20					
		82 5 89 30(110)	27 27 76 76	5 81 31 89(249)					
124.7	6.8	76 76 26 26	98 42 54 11(42)	93 9 83 19					
		82 3 90 30(110)	26 26 76 76	3 81 30 90(249)					
131.2	6.0	76 76 26 26	99 41 54 10(43)	93 8 83 19					
		82 2 90 30(111)	26 26 76 76	2 81 30 90(248)					

137.8 5.1 76 76 25 25 99 40 54 10(43) 93 8 83 18
 82 2 90 29(111) 25 25 76 76 2 81 30 91(248)
 144.4 4.4 77 77 24 24 99 40 54 9(43) 94 7 84 17
 82 0 91 29(111) 24 24 77 77 0 81 29 91(248)

 HA=130.9 HI= 29.5 GGW= 68.6 SL= 0.0 MAX(A,B,C,D)= 9.2 7.6 8.4 8.5

Main boom and fixed jib (jib angle 0.0 degrees)
 Length of main boom = 138.1 ft Length of jib = 29.5 ft
 Main boom sequence = 0-0-45-90-90-90 % LK = 54
 Counterweight = 68.6 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]								(Pos.[Degrees])				0-360 Degr.
		1(0)		2(...)				3(90)		4(...)				
		A	B	C	D	A	B	C	D	A	B	C	D	
32.8	37.7	69	69	49	49	72	65	52	47(15)	75	46	69	47	
		75	46	69	47(90)	51	51	66	66	46	75	47	69(270)	
39.4	34.4	72	72	45	45	81	59	55	38(31)	80	38	73	41	
		77	36	75	44(102)	47	47	70	70	36	77	44	76(257)	
45.9	31.1	74	74	41	41	86	55	56	32(37)	84	32	77	36	
		79	28	80	42(107)	43	43	72	72	28	78	42	80(252)	
52.5	28.7	76	76	37	37	92	51	58	26(41)	89	26	80	32	
		80	21	85	40(111)	39	39	75	75	21	80	41	85(248)	
59.1	26.5	78	78	34	34	98	48	58	21(43)	93	20	83	28	
		82	15	90	38(113)	35	35	77	77	15	81	39	90(246)	
65.6	23.1	79	79	32	32	98	48	57	19(41)	94	18	84	26	
		82	12	90	37(114)	33	33	77	77	12	81	38	91(245)	
72.2	19.6	78	78	31	31	97	47	56	18(41)	93	17	83	25	
		80	11	90	37(114)	32	32	77	77	11	80	37	90(245)	
78.7	17.0	77	77	30	30	97	46	55	17(41)	93	15	83	24	
		80	9	90	36(114)	31	31	76	76	9	80	36	90(245)	
85.3	14.6	77	77	30	30	96	45	55	16(41)	92	15	82	23	
		83	9	88	32(109)	30	30	76	76	9	82	33	89(250)	
91.9	12.6	76	76	29	29	96	45	54	15(41)	92	14	82	22	
		82	8	88	32(109)	30	30	76	76	8	82	32	88(250)	
98.4	11.0	76	76	28	28	97	43	55	14(42)	93	12	83	21	
		82	7	89	32(110)	28	28	76	76	6	81	32	89(249)	
105.0	9.5	76	76	28	28	97	43	54	13(42)	92	11	82	21	
		82	6	89	31(110)	28	28	76	76	6	81	32	89(249)	
111.5	8.4	77	77	27	27	98	42	54	12(42)	93	10	83	20	
		82	4	90	30(110)	27	27	76	76	4	82	31	90(249)	
118.1	7.3	77	77	26	26	98	42	54	11(42)	94	9	84	19	
		82	3	90	30(110)	26	26	76	76	3	82	30	90(249)	
124.7	6.2	76	76	26	26	99	41	54	10(43)	94	8	83	19	
		82	2	90	30(111)	26	26	76	76	2	81	30	91(248)	
131.2	5.3	77	77	25	25	99	40	54	9(43)	94	7	84	18	
		82	1	91	29(111)	25	25	77	77	1	81	30	91(248)	
137.8	4.4	77	77	25	25	99	40	54	9(43)	94	7	84	17	
		82	1	91	29(111)	25	25	77	77	0	81	30	91(248)	
144.4	3.5	76	76	24	24	99	39	54	9(43)	94	7	84	17	
		82	0	91	29(111)	24	24	76	76	0	81	29	91(248)	
150.9	2.9	76	76	24	24	99	39	54	8(43)	94	6	84	17	
		81	0	91	28(111)	24	24	77	77	0	80	28	92(248)	

 HA=138.1 HI= 29.5 GGW= 68.6 SL= 0.0 MAX(A,B,C,D)= 9.2 7.6 8.5 8.5

Main boom and fixed jib (jib angle 0.0 degrees)
 Length of main boom = 145.0 ft Length of jib = 29.5 ft
 Main boom sequence = 0-0-45-100-100-100 % LK = 55
 Counterweight = 68.6 kip

Radius Cap. [ft]	Cap. [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
		1(0)		2(...)		3(90)		4(...)						
		A	B	C	D	A	B	C	D		A	B	C	D
32.8	33.1	65	65	51	51	70	53	60	47(59)	69	49	64	49	
		69	49	64	49(90)	53	53	63	63	49	69	49	64(270)	
39.4	30.0	67	67	47	47	72	61	51	43(20)	74	42	68	44	
		73	42	68	45(92)	49	49	65	65	42	73	45	69(267)	
45.9	27.3	70	70	43	43	79	57	53	37(31)	78	36	72	39	
		75	34	74	43(102)	45	45	68	68	34	75	43	74(257)	
52.5	24.7	71	71	40	40	83	54	54	32(36)	82	31	74	36	
		77	28	78	41(106)	41	41	70	70	28	76	41	78(253)	
59.1	22.9	74	74	37	37	89	50	56	26(40)	86	26	78	32	
		78	21	82	39(110)	38	38	73	73	21	78	40	82(249)	
65.6	20.9	75	75	34	34	93	48	56	22(42)	89	22	80	28	
		79	17	86	38(112)	35	35	74	74	16	78	38	86(247)	
72.2	19.0	77	77	32	32	95	48	55	19(40)	91	18	82	26	
		80	13	88	37(113)	33	33	76	76	12	79	37	88(246)	
78.7	17.0	77	77	30	30	97	46	55	17(41)	93	15	83	24	
		80	9	90	36(114)	31	31	76	76	9	79	36	90(245)	
85.3	14.6	77	77	30	30	96	45	55	16(41)	92	15	82	23	
		83	9	88	32(109)	30	30	76	76	9	82	33	88(250)	
91.9	12.6	76	76	29	29	96	45	54	15(41)	92	14	82	22	
		82	8	88	32(109)	30	30	76	76	8	82	32	88(250)	
98.4	11.0	76	76	28	28	97	43	55	14(42)	93	12	82	22	
		82	7	89	32(110)	29	29	76	76	7	81	32	89(249)	
105.0	9.5	76	76	28	28	97	43	54	13(42)	92	12	82	21	
		82	6	89	31(110)	28	28	76	76	6	81	32	89(249)	
111.5	8.4	76	76	27	27	98	42	54	12(42)	93	10	83	20	
		82	4	90	30(110)	27	27	76	76	4	82	31	90(249)	
118.1	7.3	77	77	26	26	98	42	54	11(42)	93	9	83	19	
		82	3	90	30(110)	26	26	76	76	3	82	30	90(249)	
124.7	6.2	76	76	26	26	99	41	54	10(43)	93	9	83	19	
		82	2	90	30(111)	26	26	76	76	2	81	30	90(248)	
131.2	5.3	77	77	25	25	99	40	54	9(43)	94	8	84	18	
		82	1	91	29(111)	25	25	77	77	1	81	30	91(248)	
137.8	4.4	76	76	25	25	99	40	54	9(43)	94	7	84	17	
		82	1	91	29(111)	25	25	77	77	1	81	30	91(248)	
144.4	3.5	76	76	24	24	99	39	54	9(43)	94	7	83	17	
		82	0	90	29(111)	24	24	76	76	0	81	29	91(248)	
150.9	2.9	76	76	24	24	99	39	54	8(43)	94	6	84	17	
		81	0	91	28(111)	24	24	76	76	0	80	28	91(248)	

 HA=145.0 HI= 29.5 GGW= 68.6 SL= 0.0 MAX(A,B,C,D)= 9.2 7.6 8.5 8.5

Main boom and fixed jib (jib angle 0.0 degrees)

Length of main boom = 152.2 ft Length of jib = 29.5 ft
 Main boom sequence = 0-0-90-90-90-90 % LK = 62
 Counterweight = 68.6 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]								(Pos.[Degrees])				0-360 Degr.
		1(0)				2(...)				3(90)				
		4(...)				5(180)				6(...)				
A	B	C	D	A	B	C	D	A	B	C	D			
39.4	33.7	71	71	44	44	81	59	54	38(31)	80	38	73	41	
		77	36	75	44(102)	46	46	69	69	35	77	44	75(257)	
45.9	31.1	75	75	40	40	88	54	56	31(38)	86	31	77	35	
		79	27	81	42(108)	42	42	73	73	27	79	42	81(251)	
52.5	28.4	77	77	36	36	93	51	58	25(41)	90	25	81	31	
		81	20	86	40(111)	38	38	75	75	20	80	40	86(248)	
59.1	26.2	79	79	33	33	99	48	58	20(43)	94	19	84	27	
		82	14	90	38(113)	35	35	78	78	14	82	38	90(246)	
65.6	22.5	78	78	32	32	98	48	56	18(41)	94	17	84	25	
		82	11	90	37(114)	33	33	77	77	11	81	38	91(245)	
72.2	19.2	78	78	31	31	98	47	56	17(41)	93	16	83	24	
		81	10	90	36(114)	32	32	77	77	10	80	37	90(245)	
78.7	16.3	77	77	30	30	97	46	55	16(41)	93	15	83	24	
		80	9	90	35(114)	31	31	76	76	9	79	36	90(245)	
85.3	14.1	77	77	29	29	97	44	55	15(42)	93	14	83	22	
		82	8	89	32(110)	30	30	76	76	8	82	33	89(249)	
91.9	12.1	77	77	28	28	97	44	55	14(42)	93	13	83	22	
		82	7	89	32(110)	29	29	76	76	7	82	32	89(249)	
98.4	10.4	76	76	28	28	97	43	55	13(42)	93	12	83	21	
		82	6	89	31(110)	28	28	76	76	6	81	32	89(249)	
105.0	9.0	77	77	27	27	98	43	54	12(42)	93	11	83	20	
		82	5	90	30(110)	27	27	76	76	4	82	31	90(249)	
111.5	7.7	77	77	26	26	98	42	54	11(42)	93	10	83	19	
		82	4	90	30(110)	27	27	76	76	4	82	30	90(249)	
118.1	6.6	77	77	26	26	99	41	55	10(43)	94	9	84	19	
		82	2	90	30(111)	26	26	76	76	2	81	30	91(248)	
124.7	5.5	76	76	25	25	99	40	54	10(43)	94	8	84	18	
		82	2	90	30(111)	25	25	76	76	2	81	30	91(248)	
131.2	4.6	77	77	25	25	99	40	54	9(43)	94	7	84	17	
		82	1	91	29(111)	25	25	77	77	1	81	30	91(248)	
137.8	3.7	77	77	24	24	99	39	54	9(43)	94	7	84	17	
		82	0	91	29(111)	24	24	77	77	0	81	29	91(248)	
144.4	2.9	76	76	24	24	99	39	54	8(43)	94	6	84	17	
		82	0	91	28(111)	24	24	76	76	0	81	29	91(248)	

HA=152.2 HI= 29.5 GGW= 68.6 SL= 0.0 MAX(A,B,C,D)= 9.2 7.6 8.5 8.5

Main boom and fixed jib (jib angle 0.0 degrees)
 Length of main boom = 161.4 ft Length of jib = 29.5 ft
 Main boom sequence = 0-0-100-100-100-100 % LK = 63
 Counterweight = 68.6 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]								(Pos.[Degrees])				0-360 Degr.
		1(0)				2(...)				3(90)				
		4(...)				5(180)				6(...)				
A	B	C	D	A	B	C	D	A	B	C	D			

39.4	28.4	66	66	47	47	70	62	51	44(17)	72	43	67	45
		72	43	67	45(90)	49	49	65	65	42	72	45	67(269)
45.9	26.7	70	70	43	43	79	57	53	36(31)	78	36	72	39
		75	34	74	42(102)	44	44	68	68	33	75	43	74(257)
52.5	24.7	72	72	39	39	85	53	55	30(37)	83	30	75	35
		77	26	79	41(108)	41	41	71	71	26	77	41	79(251)
59.1	22.7	74	74	36	36	90	50	56	25(40)	87	25	78	31
		78	20	83	39(111)	37	37	73	73	20	78	39	84(248)
65.6	20.9	76	76	33	33	95	47	57	21(42)	91	20	81	27
		80	15	87	38(113)	34	34	75	75	14	79	38	87(246)
72.2	19.2	78	78	31	31	98	47	56	17(41)	94	16	84	24
		81	10	90	36(114)	32	32	77	77	10	80	37	90(245)
78.7	16.3	77	77	30	30	97	46	55	16(41)	93	15	83	23
		83	9	89	33(109)	31	31	77	77	9	83	33	89(250)
85.3	13.9	77	77	29	29	97	45	55	15(41)	93	14	82	23
		83	9	88	32(109)	30	30	76	76	8	82	33	89(250)
91.9	11.9	76	76	29	29	97	44	55	15(42)	92	13	82	22
		82	7	89	32(110)	29	29	76	76	7	81	32	89(249)
98.4	10.4	77	77	28	28	97	43	55	13(42)	93	12	83	21
		82	6	89	31(110)	28	28	76	76	6	82	32	89(249)
105.0	8.8	76	76	27	27	97	43	54	13(42)	93	11	83	21
		82	5	89	31(110)	28	28	76	76	5	81	31	89(249)
111.5	7.7	77	77	26	26	98	42	54	11(42)	93	9	83	19
		82	4	90	30(110)	26	26	76	76	3	82	30	90(249)
118.1	6.6	77	77	26	26	99	41	55	10(43)	94	8	84	19
		82	2	91	30(111)	26	26	77	77	2	81	30	91(248)
124.7	5.5	77	77	25	25	99	40	54	10(43)	94	8	84	18
		82	2	91	29(111)	25	25	77	77	1	81	30	91(248)
131.2	4.4	76	76	25	25	99	40	54	10(43)	93	8	83	18
		82	1	90	29(111)	25	25	76	76	1	81	30	90(248)
137.8	3.5	76	76	25	25	99	40	54	9(43)	93	7	83	17
		81	1	90	29(111)	25	25	76	76	1	81	30	91(248)
144.4	2.6	76	76	24	24	98	39	54	9(43)	93	7	83	17
		81	1	90	29(111)	24	24	76	76	0	80	29	90(248)

HA=161.4 HI= 29.5 GGW= 68.6 SL= 0.0 MAX(A,B,C,D)= 9.2 7.7 8.4 8.4

Main boom and fixed jib (jib angle 0.0 degrees)

Length of main boom = 166.0 ft Length of jib = 29.5 ft

Main boom sequence = 0-45-90-90-90-90 % LK = 68

Counterweight = 68.6 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
	1(0)		2(...)		3(90)		6(...)						
	A	B	C	D	A	B	C	D					
39.4	33.5	72	72	44	44	82	58	55	37(32)	81	37	74	40
		78	34	77	43(103)	46	46	70	70	34	77	44	77(256)
45.9	30.9	75	75	39	39	89	53	57	29(39)	87	30	78	35
		80	26	82	41(109)	41	41	73	73	25	79	42	83(250)
52.5	28.7	78	78	35	35	96	50	58	23(42)	92	23	82	30
		82	18	88	39(112)	37	37	77	77	18	81	40	88(247)
59.1	25.6	79	79	32	32	99	49	57	19(41)	95	19	84	26
		82	13	91	38(114)	34	34	78	78	12	82	38	91(245)

65.6	21.6	78	78	31	31	98	47	56	18(41)	94	17	84	25
		82	11	91	37(114)	32	32	77	77	11	81	37	91(245)
72.2	18.3	78	78	30	30	98	47	56	16(41)	94	15	84	24
		81	9	90	36(114)	31	31	77	77	9	80	36	91(245)
78.7	15.4	77	77	30	30	97	46	55	16(41)	93	14	83	23
		83	9	89	32(109)	30	30	77	77	9	83	33	89(250)
85.3	13.2	77	77	29	29	98	44	55	14(42)	93	13	83	22
		83	7	90	32(110)	29	29	77	77	7	82	33	90(249)
91.9	11.2	77	77	28	28	98	43	55	13(42)	93	12	83	21
		82	6	90	31(110)	28	28	76	76	6	82	32	90(249)
98.4	9.5	76	76	27	27	97	43	54	13(42)	93	11	83	21
		82	5	89	31(110)	28	28	76	76	5	82	31	90(249)
105.0	8.2	77	77	26	26	98	42	54	11(42)	94	10	83	19
		82	4	90	30(110)	27	27	76	76	4	82	30	90(249)
111.5	6.8	77	77	26	26	99	41	55	11(43)	94	9	84	19
		82	3	90	30(111)	26	26	76	76	2	81	31	91(248)
118.1	5.7	77	77	25	25	99	40	54	10(43)	94	8	84	18
		82	1	91	29(111)	25	25	77	77	1	81	30	91(248)
124.7	4.6	77	77	25	25	99	40	54	9(43)	94	7	84	17
		82	1	91	29(111)	25	25	77	77	1	81	30	91(248)
131.2	3.5	76	76	25	25	99	40	54	9(43)	94	7	83	17
		82	1	90	29(111)	24	24	76	76	0	81	30	91(248)
137.8	2.6	76	76	24	24	99	39	54	9(43)	94	6	84	17
		82	0	91	28(111)	24	24	76	76	0	81	29	91(248)

 HA=166.0 HI= 29.5 GGW= 68.6 SL= 0.0 MAX(A,B,C,D)= 9.2 7.7 8.5 8.5

Main boom and fixed jib (jib angle 0.0 degrees)

Length of main boom = 175.5 ft Length of jib = 29.5 ft

Main boom sequence = 0-45-100-100-100-100 % LK = 69

Counterweight = 68.6 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
	1(0)		2(...)		3(90)		6(...)						
	A	B	C	D	A	B	C	D	A	B	C	D	
45.9	25.8	69	69	42	42	79	57	53	36(31)	78	35	72	39
		75	33	74	42(103)	44	44	68	68	33	75	42	74(256)
52.5	24.3	73	73	39	39	86	52	55	29(38)	84	29	76	34
		77	25	80	40(108)	40	40	71	71	25	77	40	80(251)
59.1	22.7	75	75	35	35	92	49	56	23(41)	89	23	80	29
		79	18	85	39(112)	36	36	74	74	18	78	39	86(247)
65.6	20.9	78	78	32	32	97	48	56	19(41)	93	18	83	26
		80	12	89	37(114)	33	33	77	77	12	80	38	90(245)
72.2	18.3	78	78	30	30	98	47	56	16(41)	94	15	84	24
		81	9	90	36(114)	31	31	77	77	9	80	36	91(245)
78.7	15.4	77	77	30	30	97	46	55	16(41)	93	14	83	23
		83	9	89	32(109)	30	30	77	77	9	83	33	89(250)
85.3	13.2	77	77	29	29	98	44	55	14(42)	93	13	83	22
		83	7	90	32(110)	29	29	77	77	7	82	33	90(249)
91.9	11.2	77	77	28	28	98	43	55	13(42)	93	12	83	21
		82	6	90	31(110)	28	28	76	76	6	82	32	90(249)
98.4	9.5	77	77	27	27	98	43	54	13(42)	93	11	83	21
		82	5	89	31(110)	28	28	76	76	5	82	31	90(249)

105.0	8.2	77	77	26	26	98	42	54	11(42)	94	10	83	19
		83	4	90	30(110)	27	27	77	77	4	82	30	90(249)
111.5	6.8	77	77	26	26	99	41	55	11(43)	94	9	84	19
		82	3	90	30(111)	26	26	77	77	2	81	31	91(248)
118.1	5.7	77	77	25	25	99	40	54	10(43)	94	8	84	18
		82	1	91	29(111)	25	25	77	77	1	81	30	91(248)
124.7	4.4	76	76	25	25	98	40	54	10(43)	93	8	83	18
		81	2	90	29(111)	25	25	76	76	2	81	30	90(248)
131.2	3.5	76	76	24	24	99	40	54	9(43)	94	7	84	17
		82	0	91	29(111)	24	24	76	76	0	81	29	91(248)
137.8	2.6	76	76	24	24	99	39	54	8(43)	94	6	84	17
		82	0	91	28(111)	24	24	76	76	0	81	29	91(248)

 HA=175.5 HI= 29.5 GGW= 68.6 SL= 0.0 MAX(A,B,C,D)= 9.2 7.7 8.4 8.5

Main boom and fixed jib (jib angle 0.0 degrees)
 Length of main boom = 180.1 ft Length of jib = 29.5 ft
 Main boom sequence = 0-90-90-90-90-90 % LK = 73
 Counterweight = 68.6 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
	1(0)		2(...)		3(90)		4(...)						
	A	B	C	D	A	B	C	D					
45.9	29.5	75	75	39	39	88	54	56	30(38)	86	30	78	35
		79	26	82	41(109)	41	41	73	73	26	78	42	82(250)
52.5	28.0	78	78	35	35	96	49	58	22(42)	92	22	82	29
		82	17	89	39(113)	36	36	77	77	17	81	40	89(246)
59.1	23.6	78	78	33	33	97	47	58	20(43)	92	20	82	27
		81	14	89	38(113)	34	34	77	77	14	80	38	89(246)
65.6	20.1	77	77	32	32	97	47	56	18(41)	93	17	83	25
		80	12	89	37(114)	33	33	77	77	11	80	37	90(245)
72.2	17.0	77	77	30	30	97	46	55	17(41)	93	16	83	24
		80	10	89	36(114)	31	31	76	76	10	79	36	90(245)
78.7	14.6	77	77	29	29	97	45	56	15(42)	93	14	83	23
		83	8	89	33(110)	30	30	76	76	8	82	33	90(249)
85.3	12.3	77	77	28	28	98	44	55	14(42)	93	13	83	22
		82	7	90	32(110)	29	29	76	76	7	82	32	90(249)
91.9	10.4	77	77	28	28	98	43	55	13(42)	93	11	83	21
		82	6	90	31(110)	28	28	76	76	6	82	32	90(249)
98.4	8.8	77	77	27	27	98	42	54	12(42)	94	10	83	20
		83	4	90	30(110)	27	27	77	77	4	82	31	90(249)
105.0	7.3	77	77	26	26	98	42	54	11(42)	93	9	83	19
		82	3	90	30(110)	26	26	76	76	3	82	30	90(249)
111.5	6.0	77	77	26	26	99	41	54	10(43)	94	8	84	19
		82	2	90	30(111)	26	26	76	76	2	81	30	91(248)
118.1	4.9	77	77	25	25	99	40	54	9(43)	94	7	84	18
		82	1	91	29(111)	25	25	77	77	1	81	30	91(248)
124.7	3.5	76	76	25	25	98	40	54	9(43)	93	7	83	18
		81	1	90	29(111)	25	25	76	76	1	80	30	90(248)
131.2	2.6	76	76	24	24	99	39	54	9(43)	94	6	84	17
		82	0	91	28(111)	24	24	76	76	0	81	29	91(248)

 HA=180.1 HI= 29.5 GGW= 68.6 SL= 0.0 MAX(A,B,C,D)= 9.2 7.6 8.4 8.5

 Main boom and fixed jib (jib angle 0.0 degrees)
 Length of main boom = 191.9 ft Length of jib = 29.5 ft
 Main boom sequence = 0-100-100-100-100-100 % LK = 74
 Counterweight = 68.6 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]								(Pos.[Degrees])				0-360 Degr.
		1(0)				2(...)				3(90)				
		4(...)				5(180)				6(...)				
A	B	C	D	A	B	C	D	A	B	C	D			
52.5	22.9	72	72	38	38	85	52	54	29	(37)	83	29	75	34
		77	25	79	40(108)	40	40	71	71		25	77	40	80(251)
59.1	21.6	75	75	35	35	92	49	56	23	(41)	89	22	80	29
		79	17	85	38(112)	36	36	74	74		17	78	39	85(247)
65.6	19.4	77	77	32	32	95	48	55	19	(40)	91	18	82	26
		80	13	88	37(113)	33	33	76	76		13	79	37	88(246)
72.2	16.3	76	76	31	31	95	46	55	18	(41)	91	17	82	25
		80	11	88	36(113)	32	32	75	75		11	79	36	88(246)
78.7	13.9	76	76	30	30	96	45	55	16	(41)	92	15	82	24
		79	9	89	35(114)	30	30	75	75		9	78	36	89(245)
85.3	11.9	76	76	29	29	97	44	55	15	(42)	92	13	82	22
		82	7	89	32(110)	29	29	76	76		7	81	33	89(249)
91.9	9.9	76	76	28	28	97	43	54	14	(42)	92	12	82	21
		82	7	89	31(110)	28	28	76	76		6	81	32	89(249)
98.4	8.4	76	76	27	27	97	43	54	13	(42)	93	11	83	20
		82	5	89	31(110)	27	27	76	76		5	81	31	89(249)
105.0	6.8	76	76	27	27	97	42	54	12	(42)	93	10	82	20
		82	4	89	30(110)	27	27	76	76		4	81	31	89(249)
111.5	5.5	76	76	26	26	97	41	54	11	(42)	93	9	83	19
		82	3	89	30(110)	26	26	76	76		3	81	30	89(249)
118.1	4.4	76	76	25	25	98	41	54	10	(42)	93	8	83	18
		82	2	90	29(110)	25	25	76	76		2	81	30	90(249)
124.7	3.3	76	76	25	25	98	40	54	10	(43)	93	8	83	18
		81	2	90	29(111)	25	25	76	76		1	80	30	90(248)
131.2	2.4	76	76	24	24	98	39	54	9	(43)	93	7	83	17
		81	0	90	29(111)	24	24	76	76		0	80	29	90(248)

 HA=191.9 HI= 29.5 GGW= 68.6 SL= 0.0 MAX(A,B,C,D)= 9.1 7.5 8.4 8.4

Main boom and fixed jib (jib angle 0.0 degrees)
 Length of main boom = 193.9 ft Length of jib = 29.5 ft
 Main boom sequence = 45-90-90-90-90-90 % LK = 76
 Counterweight = 68.6 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]								(Pos.[Degrees])				0-360 Degr.
		1(0)				2(...)				3(90)				
		4(...)				5(180)				6(...)				
A	B	C	D	A	B	C	D	A	B	C	D			
45.9	25.8	71	71	41	41	83	55	54	32	(35)	82	32	74	36
		77	29	78	41(106)	42	42	70	70		29	76	41	78(253)
52.5	25.6	77	77	35	35	94	49	58	23	(42)	90	23	81	30
		80	18	86	39(112)	37	37	75	75		18	80	39	86(247)
59.1	21.4	76	76	34	34	94	48	57	21	(42)	90	21	81	28
		80	15	87	37(112)	35	35	75	75		15	79	38	87(247)

65.6	17.9	76	76	32	32	95	46	57	19(43)	90	19	81	26
		79	13	87	37(113)	33	33	75	75	13	78	37	87(246)
72.2	15.0	76	76	31	31	95	46	55	18(41)	91	17	81	25
		79	11	88	35(113)	32	32	75	75	11	78	36	88(246)
78.7	12.6	76	76	30	30	95	45	54	16(41)	91	15	81	24
		78	9	88	35(114)	30	30	75	75	9	78	36	88(245)
85.3	10.4	75	75	29	29	95	44	54	15(41)	91	14	81	22
		81	8	87	32(109)	29	29	75	75	8	81	32	87(250)
91.9	8.6	75	75	28	28	96	43	54	14(42)	91	12	82	21
		81	7	88	31(110)	28	28	75	75	7	80	32	88(249)
98.4	7.1	75	75	27	27	96	42	54	13(42)	92	11	82	21
		81	5	88	30(110)	27	27	75	75	5	80	31	89(249)
105.0	5.5	75	75	27	27	96	42	54	12(42)	91	10	82	20
		81	4	88	30(110)	27	27	75	75	4	80	31	88(249)
111.5	4.2	75	75	26	26	96	41	53	11(42)	92	9	82	19
		81	4	88	30(110)	26	26	75	75	4	80	30	89(249)
118.1	3.1	75	75	26	26	97	41	53	11(42)	92	9	82	19
		81	3	89	29(110)	25	25	75	75	2	80	30	89(249)

HA=193.9 HI= 29.5 GGW= 68.6 SL= 0.0 MAX(A,B,C,D)= 9.0 7.5 8.2 8.3

Main boom and fixed jib (jib angle 0.0 degrees)

Length of main boom = 205.7 ft Length of jib = 29.5 ft
 Main boom sequence = 45-100-100-100-100-100 % LK = 77
 Counterweight = 68.6 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
	1(0)		2(...)		3(90)		6(...)						
	A	B	C	D	A	B	C	D					
52.5	20.9	71	71	39	39	84	52	54	30(37)	82	29	74	34
		76	26	78	40(107)	40	40	70	70	26	75	40	78(252)
59.1	20.5	75	75	34	34	92	48	56	22(41)	89	22	80	29
		79	17	85	38(112)	35	35	74	74	17	78	39	85(247)
65.6	17.2	75	75	33	33	93	46	56	21(42)	89	20	80	27
		79	14	86	37(112)	34	34	74	74	14	78	37	86(247)
72.2	14.6	75	75	31	31	93	47	54	19(40)	90	17	80	25
		78	12	87	36(113)	32	32	74	74	12	78	36	87(246)
78.7	12.1	75	75	30	30	94	45	54	17(41)	90	16	80	24
		78	10	87	35(113)	31	31	74	74	10	78	35	87(246)
85.3	9.9	75	75	30	30	94	45	54	16(41)	90	15	80	23
		80	9	86	32(109)	30	30	74	74	9	80	33	86(250)
91.9	8.2	75	75	29	29	94	44	53	15(41)	90	13	81	22
		81	8	87	31(109)	29	29	74	74	8	80	32	87(250)
98.4	6.6	75	75	28	28	95	43	53	14(41)	91	12	81	21
		81	7	87	30(109)	28	28	75	75	6	80	31	87(250)
105.0	5.3	75	75	27	27	95	42	54	13(42)	91	11	81	20
		80	5	88	30(110)	27	27	75	75	5	80	31	88(249)
111.5	4.0	75	75	26	26	95	41	53	12(42)	91	10	81	20
		80	4	88	30(110)	26	26	75	75	4	80	30	88(249)
118.1	2.9	75	75	26	26	96	41	53	11(42)	91	9	82	19
		80	3	88	29(110)	26	26	75	75	3	80	30	88(249)

HA=205.7 HI= 29.5 GGW= 68.6 SL= 0.0 MAX(A,B,C,D)= 8.9 7.5 8.2 8.2

 Main boom and fixed jib (jib angle 0.0 degrees)
 Length of main boom = 208.0 ft Length of jib = 29.5 ft
 Main boom sequence = 90-90-90-90-90-90 % LK = 78
 Counterweight = 68.6 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]								(Pos.[Degrees])				0-360 Degr.					
		1(0)				2(...)				3(90)									
		4(...)				5(180)				6(...)									
A	B	C	D	A	B	C	D	A	B	C	D								
52.5	22.0	73	73	37	37	88	51	55	26	(39)	85	26	77	32					
		78	22	82	39	(110)	38	38	72	72	22	77	40	82	(249)				
59.1	19.2	75	75	34	34	91	48	56	22	(41)	88	22	79	29					
		78	17	84	38	(112)	35	35	73	73	17	78	38	85	(247)				
65.6	15.9	74	74	33	33	92	46	56	21	(42)	88	20	79	27					
		78	15	85	37	(112)	34	34	74	74	14	77	37	85	(247)				
72.2	13.0	74	74	32	32	92	47	54	19	(40)	88	18	79	26					
		77	13	85	36	(113)	32	32	73	73	12	77	37	86	(246)				
78.7	10.8	74	74	30	30	93	46	53	17	(40)	89	16	80	24					
		78	10	86	35	(113)	31	31	74	74	10	77	35	86	(246)				
85.3	8.6	74	74	30	30	93	44	53	17	(41)	89	15	80	23					
		77	9	86	34	(113)	30	30	74	74	9	77	35	86	(246)				
91.9	6.8	74	74	29	29	93	43	53	15	(41)	89	13	80	22					
		80	8	86	31	(109)	29	29	74	74	8	79	32	86	(250)				
98.4	5.3	74	74	28	28	93	43	53	14	(41)	90	12	80	21					
		80	7	86	30	(109)	28	28	74	74	7	79	31	86	(250)				
105.0	4.0	74	74	27	27	94	42	53	13	(42)	90	11	81	21					
		80	6	87	30	(110)	27	27	74	74	5	79	31	87	(249)				
111.5	2.6	74	74	27	27	94	41	53	12	(42)	90	10	80	20					
		79	5	87	30	(110)	26	26	74	74	5	79	30	87	(249)				

 HA=208.0 HI= 29.5 GGW= 68.6 SL= 0.0 MAX(A,B,C,D)= 8.8 7.4 8.1 8.1

Main boom and fixed jib (jib angle 0.0 degrees)
 Length of main boom = 222.4 ft Length of jib = 29.5 ft
 Main boom sequence = 100-100-100-100-100-100 % LK = 79
 Counterweight = 68.6 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]								(Pos.[Degrees])				0-360 Degr.					
		1(0)				2(...)				3(90)									
		4(...)				5(180)				6(...)									
A	B	C	D	A	B	C	D	A	B	C	D								
59.1	17.4	72	72	35	35	88	49	54	25	(40)	85	24	77	30					
		77	20	81	38	(110)	36	36	71	71	20	76	38	81	(249)				
65.6	15.0	73	73	33	33	90	47	55	22	(41)	87	21	78	28					
		77	16	84	37	(112)	34	34	73	73	16	76	37	84	(247)				
72.2	12.3	73	73	32	32	91	45	55	20	(42)	87	19	78	26					
		77	14	84	36	(112)	33	33	73	73	13	77	36	84	(247)				
78.7	9.9	73	73	31	31	91	46	53	19	(40)	87	17	78	25					
		77	12	84	35	(112)	32	32	73	73	12	76	35	84	(247)				
85.3	7.9	73	73	30	30	91	45	53	18	(40)	88	16	79	24					
		76	10	85	35	(113)	30	30	73	73	10	76	35	85	(246)				
91.9	6.4	73	73	29	29	92	43	53	16	(41)	88	14	79	23					
		79	9	85	32	(109)	29	29	73	73	9	79	32	85	(250)				

98.4 4.9 73 73 28 28 93 43 53 15(41) 89 13 80 22
 79 7 85 31(109) 28 28 73 73 7 79 31 86(250)
 105.0 3.3 73 73 28 28 92 43 52 14(41) 88 12 79 21
 79 7 85 30(109) 28 28 73 73 7 78 31 85(250)
 111.5 2.2 73 73 27 27 93 42 52 13(41) 89 11 80 21
 79 6 86 30(109) 27 27 73 73 6 79 30 86(250)

 HA=222.4 HI= 29.5 GGW= 68.6 SL= 0.0 MAX(A,B,C,D)= 8.6 7.3 8.0 8.0

Program L A M O S 9 9 Version 1.08 vom 29.09.02

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H

DEMAG Mobile Cranes

O U T R I G G E R - L O A D I N G S

(Variance = +-10%)

PSI= 1.00

Crane : *** AC 200-1 *** mit HKHI fuer GA und MS

 Outrigger width = 18.7 ft Outrigger length = 27.7 ft
 Outrigger "A" X = 12.0 ft Outrigger "A" Y = 9.4 ft
 Outrigger "B" X = 12.0 ft Outrigger "B" Y = -9.4 ft
 Outrigger "C" X = -15.7 ft Outrigger "C" Y = 9.4 ft
 Outrigger "D" X = -15.7 ft Outrigger "D" Y = -9.4 ft

Main boom and fixed jib (jib angle 20.0 degrees)

Length of main boom = 40.7 ft Length of jib = 29.5 ft

Main boom sequence = 0-0-0-0-0-0 % LK = 1

Counterweight = 68.6 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.
	1(0)		2(...)		3(90)		6(...)		
	A	B	C	D	A	B	C	D	
16.4 34.2	49	49	67	67	39	69	51	74(59)	41 77 44 70
	52	79	40	61(128)	69	69	47	47	79 52 61 40(232)
19.7 31.5	50	50	65	65	42	66	52	70(59)	44 72 46 67
	52	75	43	60(128)	67	67	48	48	75 52 60 43(232)
23.0 29.3	51	51	62	62	45	63	52	66(59)	47 69 48 64
	53	70	45	58(128)	64	64	49	49	70 53 58 45(232)
26.2 27.6	52	52	60	60	48	61	53	63(59)	49 65 50 62
	54	66	48	57(128)	62	62	51	51	66 54 57 48(232)
29.5 25.8	54	54	58	58	51	59	54	60(59)	52 62 51 59
	54	62	50	56(128)	60	60	52	52	62 54 56 50(232)
32.8 24.3	55	55	56	56	54	57	54	57(59)	54 58 53 56
	55	59	53	55(127)	57	57	54	54	59 55 55 53(232)
39.4 21.8	57	57	52	52	59	54	56	51(59)	59 52 57 52
	57	52	58	54(128)	54	54	56	56	52 57 54 58(232)
45.9 19.8	60	60	49	49	65	50	57	46(59)	63 47 60 47
	58	45	62	52(128)	50	50	59	59	45 58 52 62(232)

52.5 18.3 63 63 45 45 65 59 48 43(13) 68 41 64 43
 68 41 64 43(90) 46 46 62 62 41 68 43 64(270)

HA= 40.7 HI= 29.5 GGW= 68.6 SL= 0.0 MAX(A,B,C,D)= 7.4 7.4 6.3 6.9

Main boom and fixed jib (jib angle 20.0 degrees)

Length of main boom = 54.5 ft Length of jib = 29.5 ft

Main boom sequence = 0-0-0-0-0-45 % LK = 7

Counterweight = 68.6 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
	1(0)				2(...)								
	3(90)				4(...)								
4(...)				5(180)				6(...)					
A	B	C	D	A	B	C	D	A	B	C	D		
19.7	33.1	50	50	65	65	43	66	52	70(59)	45	73	46	67
		53	75	43	60(128)	67	67	49	49	75	53	60	43(232)
23.0	31.1	52	52	63	63	46	64	53	66(59)	48	69	49	64
		54	70	46	59(128)	64	64	50	50	70	54	59	46(232)
26.2	29.1	53	53	60	60	49	62	53	63(59)	50	65	50	62
		54	66	49	58(128)	62	62	52	52	66	54	58	49(232)
29.5	27.8	55	55	58	58	52	60	54	60(59)	53	61	52	59
		55	62	52	57(128)	60	60	53	53	62	55	57	52(232)
32.8	26.2	56	56	56	56	55	58	55	57(59)	55	58	54	56
		56	58	54	56(127)	58	58	54	54	58	56	56	54(232)
39.4	23.8	58	58	52	52	61	54	56	51(59)	60	52	58	52
		58	51	59	54(128)	54	54	57	57	51	58	54	59(232)
45.9	21.8	61	61	49	49	66	50	58	45(59)	65	46	61	47
		65	46	61	47(90)	50	50	60	60	46	65	47	61(270)
52.5	20.3	63	63	45	45	67	60	49	43(15)	69	41	65	43
		69	41	65	43(90)	47	47	62	62	41	69	43	65(270)
59.1	18.7	66	66	42	42	73	56	50	37(27)	73	36	68	39
		71	34	70	41(99)	43	43	65	65	34	71	41	70(260)
65.6	17.9	69	69	39	39	80	52	52	31(35)	78	30	72	35
		74	27	75	40(106)	40	40	68	68	27	73	40	75(253)

HA= 54.5 HI= 29.5 GGW= 68.6 SL= 0.0 MAX(A,B,C,D)= 7.4 6.9 7.0 7.0

Main boom and fixed jib (jib angle 20.0 degrees)

Length of main boom = 68.6 ft Length of jib = 29.5 ft

Main boom sequence = 0-0-0-0-0-90 % LK = 13

Counterweight = 68.6 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
	1(0)				2(...)								
	3(90)				4(...)								
4(...)				5(180)				6(...)					
A	B	C	D	A	B	C	D	A	B	C	D		
23.0	31.7	52	52	63	63	46	64	53	66(59)	48	69	49	64
		54	70	47	59(128)	64	64	50	50	70	54	59	47(232)
26.2	30.2	54	54	60	60	50	62	54	63(59)	51	65	51	62
		55	66	49	58(128)	62	62	52	52	66	55	58	49(232)
29.5	28.7	55	55	58	58	53	60	54	60(59)	53	62	53	59
		56	62	52	57(128)	60	60	53	53	62	56	57	52(232)
32.8	27.6	57	57	56	56	56	58	55	56(59)	56	58	55	56
		57	58	55	56(127)	58	58	55	55	58	57	56	55(232)

39.4	25.4	59	59	52	52	62	54	57	50(59)	61	52	59	51
		59	51	60	54(128)	54	54	58	58	51	59	54	60(232)
45.9	23.1	62	62	49	49	67	50	58	45(59)	66	46	62	47
		66	46	62	47(90)	50	50	60	60	46	66	47	62(270)
52.5	21.2	64	64	46	46	67	60	49	43(14)	69	41	65	43
		69	41	65	43(90)	47	47	63	63	41	69	43	65(270)
59.1	19.2	65	65	43	43	72	57	50	38(25)	73	37	67	40
		71	36	69	42(97)	44	44	64	64	36	71	42	69(262)
65.6	17.6	67	67	41	41	76	54	51	34(31)	76	33	70	37
		72	30	72	40(103)	41	41	66	66	30	72	41	73(256)
72.2	16.3	69	69	38	38	81	51	52	30(36)	79	29	72	34
		74	26	76	39(106)	39	39	68	68	25	74	39	76(253)
78.7	15.2	71	71	36	36	85	49	53	26(39)	83	24	75	31
		75	21	79	38(109)	36	36	70	70	21	75	38	80(250)
85.3	14.3	73	73	33	33	90	47	54	21(41)	86	20	78	27
		77	15	84	37(112)	34	34	72	72	15	76	37	84(247)

HA= 68.6 HI= 29.5 GGW= 68.6 SL= 0.0 MAX(A,B,C,D)= 8.4 7.1 7.8 7.8

Main boom and fixed jib (jib angle 20.0 degrees)

Length of main boom = 70.2 ft Length of jib = 29.5 ft

Main boom sequence = 0-0-0-0-0-100 % LK = 14

Counterweight = 68.6 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
	1(0)		2(...)		3(90)		6(...)						
	A	B C D	A B C D	A B C D	A B C D	A B C D							
23.0	32.0	52	52	63	63	46	64	53	66(59)	48	69	49	64
		54	70	47	59(128)	64	64	50	50	70	54	59	47(232)
26.2	30.0	53	53	60	60	49	62	54	63(59)	50	65	50	62
		55	66	49	58(128)	62	62	52	52	66	55	58	49(232)
29.5	28.0	54	54	58	58	52	60	54	60(59)	52	62	52	59
		55	63	51	57(128)	60	60	53	53	63	55	57	51(232)
32.8	26.2	55	55	57	57	54	58	54	57(59)	54	59	54	57
		56	59	53	56(127)	58	58	54	54	59	56	56	53(232)
39.4	23.4	57	57	53	53	59	55	56	52(59)	58	54	56	53
		57	53	57	54(128)	54	54	56	56	53	57	54	57(232)
45.9	20.7	59	59	50	50	62	52	56	48(59)	62	49	59	49
		58	48	60	53(128)	51	51	58	58	48	58	53	60(232)
52.5	18.7	61	61	48	48	66	49	57	44(59)	65	45	61	46
		65	45	61	46(90)	49	49	60	60	45	65	46	61(270)
59.1	17.0	62	62	45	45	65	59	47	43(12)	68	40	64	43
		68	40	64	43(90)	46	46	61	61	40	68	43	64(270)
65.6	15.7	64	64	43	43	70	56	49	38(24)	71	36	66	40
		70	35	67	41(96)	43	43	63	63	35	70	41	67(263)
72.2	14.3	65	65	40	40	74	54	50	34(30)	74	33	68	37
		71	31	71	40(101)	41	41	65	65	31	71	40	71(258)
78.7	13.2	67	67	38	38	78	51	51	30(34)	77	29	71	34
		73	26	74	39(105)	39	39	67	67	26	72	39	74(254)
85.3	12.6	70	70	35	35	83	49	52	26(38)	81	25	74	31
		74	21	78	37(109)	36	36	69	69	21	74	38	78(250)

HA= 70.2 HI= 29.5 GGW= 68.6 SL= 0.0 MAX(A,B,C,D)= 7.7 6.8 7.3 7.3

 Main boom and fixed jib (jib angle 20.0 degrees)
 Length of main boom = 82.3 ft Length of jib = 29.5 ft
 Main boom sequence = 0-0-0-0-45-90 % LK = 20
 Counterweight = 68.6 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]								(Pos.[Degrees])				0-360 Degr.			
		1(0)				2(...)				3(90)							
		4(...)				5(180)				6(...)							
A	B	C	D	A	B	C	D	A	B	C	D						
26.2	31.1	54	54	60	60	51	62	54	63(59)	52	65	51	61				
		55	65	50	58(128)	62	62	52	52	65	55	58	50(232)				
29.5	29.8	56	56	58	58	54	60	55	59(59)	55	61	54	58				
		56	61	53	57(128)	60	60	54	54	61	56	57	53(232)				
32.8	28.4	57	57	56	56	57	57	56	56(59)	57	57	56	56				
		57	57	56	56(127)	57	57	56	56	57	57	56	56(232)				
39.4	26.2	60	60	52	52	63	54	57	50(59)	63	51	60	51				
		59	50	61	54(128)	53	53	59	59	50	59	54	61(232)				
45.9	24.5	63	63	48	48	69	50	59	44(59)	68	45	64	46				
		68	45	64	46(90)	49	49	62	62	45	68	46	64(270)				
52.5	22.7	65	65	45	45	71	59	50	41(21)	72	39	67	42				
		71	39	68	43(94)	46	46	64	64	39	71	43	68(265)				
59.1	20.9	67	67	42	42	76	56	51	36(30)	76	35	70	38				
		73	33	72	41(101)	43	43	66	66	33	73	41	72(258)				
65.6	19.2	69	69	39	39	80	53	52	32(35)	79	31	72	35				
		74	28	75	40(105)	40	40	68	68	28	74	40	75(254)				
72.2	17.9	71	71	37	37	85	50	54	27(38)	82	26	75	32				
		75	22	79	39(109)	38	38	70	70	22	75	39	79(250)				
78.7	16.8	73	73	34	34	89	47	55	23(41)	86	22	78	29				
		77	17	83	37(111)	35	35	72	72	17	77	38	83(248)				
85.3	15.7	75	75	32	32	93	46	55	19(42)	89	18	80	26				
		78	13	86	36(113)	33	33	74	74	13	77	37	86(246)				
91.9	14.3	76	76	30	30	95	45	55	17(41)	91	15	82	24				
		79	9	88	35(114)	31	31	75	75	9	78	36	88(245)				
98.4	12.6	76	76	29	29	96	45	54	15(41)	92	14	82	23				
		82	9	88	32(109)	30	30	75	75	8	81	32	88(250)				

 HA= 82.3 HI= 29.5 GGW= 68.6 SL= 0.0 MAX(A,B,C,D)= 8.9 7.6 8.2 8.2

Main boom and fixed jib (jib angle 20.0 degrees)
 Length of main boom = 84.0 ft Length of jib = 29.5 ft
 Main boom sequence = 0-0-0-0-45-100 % LK = 21
 Counterweight = 68.6 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]								(Pos.[Degrees])				0-360 Degr.			
		1(0)				2(...)				3(90)							
		4(...)				5(180)				6(...)							
A	B	C	D	A	B	C	D	A	B	C	D						
26.2	30.9	54	54	60	60	50	62	54	63(59)	51	65	51	61				
		55	66	50	58(128)	62	62	52	52	66	55	58	50(232)				
29.5	29.1	55	55	58	58	53	60	55	60(59)	54	61	53	59				
		56	62	52	57(128)	60	60	54	54	62	56	57	52(232)				
32.8	27.6	56	56	56	56	56	58	55	56(59)	56	58	55	56				
		57	58	55	56(127)	58	58	55	55	58	57	56	55(232)				

39.4	24.5	58	58	53	53	60	54	56	51(59)	60	53	58	52
		58	52	58	54(128)	54	54	57	57	52	58	54	58(232)
45.9	22.0	60	60	50	50	65	51	57	47(59)	63	48	60	48
		59	46	62	52(128)	51	51	59	59	46	59	52	62(232)
52.5	20.1	62	62	47	47	63	62	47	46(3)	67	43	63	45
		67	43	63	45(90)	48	48	61	61	43	67	45	63(270)
59.1	18.5	64	64	44	44	69	58	49	40(21)	71	38	66	41
		70	38	66	42(93)	45	45	63	63	38	70	42	67(266)
65.6	17.0	66	66	42	42	74	55	50	36(28)	74	35	68	38
		71	33	70	41(100)	43	43	65	65	33	71	41	70(259)
72.2	15.7	67	67	39	39	78	53	51	32(33)	77	31	71	35
		73	28	73	39(104)	40	40	67	67	28	72	40	73(255)
78.7	14.6	69	69	37	37	82	50	52	28(37)	80	27	73	33
		74	24	77	38(107)	38	38	68	68	23	74	39	77(252)
85.3	13.7	71	71	35	35	86	48	53	24(39)	83	23	75	30
		75	19	80	37(110)	35	35	70	70	19	75	38	80(249)
91.9	13.0	73	73	32	32	91	45	55	20(42)	87	19	78	26
		77	14	84	36(112)	33	33	73	73	14	76	37	84(247)
98.4	12.3	75	75	30	30	94	45	54	17(41)	90	15	81	24
		78	9	88	35(114)	30	30	75	75	9	77	36	88(245)

HA= 84.0 HI= 29.5 GGW= 68.6 SL= 0.0 MAX(A,B,C,D)= 8.8 7.2 8.2 8.2

Main boom and fixed jib (jib angle 20.0 degrees)

Length of main boom = 96.5 ft Length of jib = 29.5 ft

Main boom sequence = 0-0-0-0-90-90 % LK = 28

Counterweight = 68.6 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.			
		1(0)		2(...)		3(90)		6(...)					
		A	B	C	D	A	B	C	D	A	B	C	D
29.5	30.0	56	56	58	58	54	60	55	59(59)	55	61	54	58
		57	61	53	57(128)	60	60	54	54	61	57	57	53(232)
32.8	28.9	58	58	56	56	58	57	56	56(59)	58	57	56	56
		58	57	56	56(127)	57	57	56	56	57	58	56	56(232)
39.4	26.9	61	61	52	52	65	53	58	49(59)	63	50	60	50
		60	49	62	54(128)	53	53	59	59	49	60	54	62(232)
45.9	25.1	64	64	48	48	65	63	49	47(5)	69	44	64	46
		69	44	64	46(90)	49	49	62	62	44	69	46	64(270)
52.5	23.4	66	66	44	44	72	58	51	40(24)	73	39	68	41
		72	38	69	43(96)	46	46	65	65	37	72	43	69(263)
59.1	21.6	68	68	41	41	78	55	52	35(31)	77	34	71	38
		74	32	73	41(103)	43	43	67	67	31	73	41	73(256)
65.6	20.1	70	70	39	39	82	52	53	30(36)	81	29	73	34
		75	26	77	40(107)	40	40	69	69	26	75	40	77(252)
72.2	18.5	72	72	36	36	86	50	54	26(39)	84	25	76	32
		77	21	80	38(109)	37	37	71	71	21	76	39	80(250)
78.7	17.0	73	73	34	34	90	47	55	23(41)	86	22	78	29
		77	17	83	37(111)	35	35	72	72	17	77	38	83(248)
85.3	15.9	75	75	32	32	93	45	56	19(43)	89	18	80	26
		78	13	86	36(113)	33	33	74	74	13	78	37	86(246)
91.9	14.6	76	76	30	30	95	46	55	17(41)	91	15	82	24
		79	10	88	35(114)	31	31	75	75	9	78	36	88(245)

98.4 12.8 76 76 30 30 95 45 54 16(41) 91 14 82 23
 82 9 88 32(109) 30 30 75 75 9 81 33 88(250)
 105.0 11.2 76 76 29 29 96 44 54 15(41) 91 13 82 22
 82 8 88 31(109) 29 29 75 75 8 81 32 88(250)
 111.5 9.9 76 76 28 28 97 43 54 14(42) 92 12 82 21
 82 6 89 31(110) 28 28 76 76 6 81 32 89(249)

 HA= 96.5 HI= 29.5 GGW= 68.6 SL= 0.0 MAX(A,B,C,D)= 9.0 7.6 8.2 8.3

Main boom and fixed jib (jib angle 20.0 degrees)
 Length of main boom = 100.4 ft Length of jib = 29.5 ft
 Main boom sequence = 0-0-0-0-100-100 % LK = 29
 Counterweight = 68.6 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.			
		1(0)		2(...)		3(90)		6(...)					
		4(...)		5(180)		6(...)							
		A	B	C	D	A	B	C	D	A	B	C	D
29.5	29.3	56	56	58	58	53	60	55	60(59)	54	61	53	59
		56	62	52	57(128)	60	60	54	54	62	56	57	52(232)
32.8	27.8	57	57	56	56	56	58	55	56(59)	56	58	55	56
		57	58	55	56(127)	58	58	55	55	58	57	56	55(232)
39.4	25.1	59	59	52	52	62	54	57	51(59)	61	52	58	52
		58	51	59	54(128)	54	54	58	58	51	58	54	59(232)
45.9	22.9	61	61	49	49	66	51	58	46(59)	65	47	62	48
		60	45	63	52(128)	50	50	60	60	45	60	52	63(232)
52.5	21.2	63	63	46	46	66	60	49	44(12)	69	42	65	44
		69	42	65	44(90)	47	47	62	62	42	69	44	65(270)
59.1	19.2	65	65	44	44	71	57	50	39(23)	72	38	67	41
		71	37	68	42(95)	45	45	64	64	37	71	42	68(264)
65.6	17.6	67	67	41	41	75	55	51	35(30)	75	34	69	38
		72	32	71	40(101)	42	42	66	66	32	72	41	71(258)
72.2	16.1	68	68	39	39	79	52	52	31(34)	77	30	71	35
		73	27	74	39(105)	40	40	67	67	27	73	40	74(254)
78.7	14.6	69	69	37	37	81	51	52	29(36)	79	27	73	33
		74	24	76	38(107)	38	38	68	68	24	73	39	76(252)
85.3	13.7	71	71	35	35	85	48	53	25(39)	83	24	75	30
		75	19	80	37(110)	36	36	70	70	19	74	38	80(249)
91.9	12.6	72	72	33	33	88	46	54	22(41)	85	21	77	28
		76	16	82	36(111)	34	34	71	71	16	75	37	82(248)
98.4	11.7	73	73	31	31	91	46	53	19(40)	87	18	79	26
		77	13	84	35(112)	32	32	73	73	12	77	36	85(247)
105.0	10.8	75	75	30	30	93	45	54	17(41)	90	15	80	24
		78	9	87	34(113)	30	30	74	74	9	77	35	87(246)
111.5	9.9	76	76	28	28	96	43	54	14(42)	91	13	82	22
		81	7	88	32(110)	28	28	75	75	7	80	32	88(249)

 HA=100.4 HI= 29.5 GGW= 68.6 SL= 0.0 MAX(A,B,C,D)= 8.9 7.5 8.2 8.2

Main boom and fixed jib (jib angle 20.0 degrees)
 Length of main boom = 110.2 ft Length of jib = 29.5 ft
 Main boom sequence = 0-0-0-45-90-90 % LK = 36
 Counterweight = 68.6 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.			
	1(0)				2(...)				3(90)			
	4(...)				5(180)				6(...)			
	A	B	C	D	A	B	C	D	A	B	C	D
32.8 29.3	58	58	55	55	59	57	56	55	59	56	57	55
	58	56	57	56	127	57	57	57	56	58	56	57
39.4 27.6	62	62	51	51	66	53	58	48	59	65	49	62
	60	48	63	54	128	52	52	60	60	48	60	54
45.9 25.8	65	65	47	47	67	62	49	45	12	70	43	66
	70	43	66	45	90	49	49	63	63	43	70	45
52.5 24.3	68	68	43	43	75	57	52	38	28	75	37	69
	73	35	71	42	99	45	45	66	66	35	73	42
59.1 22.7	70	70	40	40	81	54	53	32	35	80	32	73
	75	28	76	41	106	41	41	69	69	28	75	41
65.6 21.2	72	72	37	37	86	51	54	27	38	84	27	76
	77	23	80	39	109	38	38	71	71	23	76	39
72.2 19.8	75	75	34	34	91	48	56	23	41	88	22	79
	78	17	84	37	111	35	35	73	73	17	78	38
78.7 18.3	76	76	32	32	95	46	57	19	43	91	19	81
	79	13	87	37	113	33	33	75	75	13	79	37
85.3 16.3	76	76	31	31	95	46	55	18	41	91	16	82
	79	11	88	36	114	32	32	75	75	11	78	37
91.9 14.3	76	76	30	30	95	45	55	17	41	91	15	82
	79	9	89	35	114	31	31	75	75	9	78	36
98.4 12.6	76	76	29	29	96	45	54	16	41	92	14	82
	82	9	88	32	109	30	30	75	75	9	81	32
105.0 11.0	76	76	29	29	96	44	54	15	41	92	13	82
	82	7	88	31	109	29	29	75	75	7	81	32
111.5 9.7	76	76	28	28	97	43	54	13	42	92	12	82
	82	6	89	31	110	28	28	76	76	6	81	32
118.1 8.4	76	76	27	27	97	43	54	13	42	92	11	82
	81	6	89	31	110	28	28	75	75	5	81	31
124.7 7.3	76	76	27	27	97	42	54	12	42	92	10	82
	82	4	89	30	110	27	27	76	76	4	81	31

HA=110.2 HI= 29.5 GGW= 68.6 SL= 0.0 MAX(A,B,C,D)= 9.0 7.6 8.3 8.3

Main boom and fixed jib (jib angle 20.0 degrees)

Length of main boom = 114.5 ft Length of jib = 29.5 ft

Main boom sequence = 0-0-0-45-100-100 % LK = 37

Counterweight = 68.6 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.			
	1(0)				2(...)				3(90)			
	4(...)				5(180)				6(...)			
	A	B	C	D	A	B	C	D	A	B	C	D
32.8 28.0	57	57	56	56	57	57	56	56	59	57	58	56
	57	58	56	56	127	57	57	56	56	58	57	56
39.4 25.6	60	60	52	52	63	54	57	50	59	62	51	59
	59	50	60	54	128	53	53	58	58	50	59	54
45.9 23.6	62	62	49	49	68	50	58	45	59	67	45	63
	67	45	63	47	90	50	50	61	61	45	67	47
52.5 21.8	65	65	45	45	69	60	49	42	18	71	40	66
	71	40	66	43	91	47	47	63	63	40	71	43

59.1	20.1	67	67	43	43	74	56	51	37(28)	74	36	69	39
		72	34	71	41(100)	43	43	65	65	34	72	42	71(259)
65.6	18.5	68	68	40	40	79	54	52	32(33)	78	31	71	36
		74	29	74	40(104)	41	41	67	67	29	73	40	74(255)
72.2	17.2	70	70	37	37	83	51	53	28(37)	81	27	74	33
		75	24	78	39(108)	38	38	69	69	24	74	39	78(251)
78.7	15.9	72	72	35	35	87	49	54	25(39)	84	24	76	30
		76	19	81	38(110)	36	36	71	71	19	75	38	81(249)
85.3	14.8	73	73	33	33	90	47	54	21(41)	87	20	78	28
		77	15	84	37(112)	34	34	73	73	15	76	37	84(247)
91.9	13.7	75	75	31	31	93	47	54	19(40)	89	17	80	25
		78	11	86	36(113)	32	32	74	74	11	77	36	86(246)
98.4	12.6	76	76	30	30	95	45	54	16(41)	91	14	82	23
		82	9	88	32(109)	30	30	75	75	9	81	33	88(250)
105.0	11.0	76	76	29	29	95	44	54	15(41)	91	13	82	22
		82	8	88	32(109)	29	29	75	75	8	81	32	88(250)
111.5	9.7	76	76	28	28	96	43	54	14(42)	92	12	82	21
		81	7	88	31(110)	28	28	75	75	6	81	32	88(249)
118.1	8.6	76	76	27	27	97	43	54	13(42)	92	11	82	21
		82	5	89	31(110)	28	28	76	76	5	81	31	89(249)
124.7	7.5	76	76	27	27	97	42	54	12(42)	93	10	83	20
		82	4	89	30(110)	27	27	76	76	4	81	31	90(249)

 HA=114.5 HI= 29.5 GGW= 68.6 SL= 0.0 MAX(A,B,C,D)= 9.1 7.5 8.3 8.3

Main boom and fixed jib (jib angle 20.0 degrees)

Length of main boom = 124.3 ft Length of jib = 29.5 ft

Main boom sequence = 0-0-0-90-90-90 % LK = 45

Counterweight = 68.6 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.			
		1(0)		2(...)		3(90)		6(...)					
		4(...)		5(180)		6(...)							
		A	B	C	D	A	B	C	D	A	B	C	D
39.4	27.6	62	62	51	51	67	53	58	48(59)	65	49	62	49
		61	48	63	54(128)	52	52	60	60	48	61	54	63(232)
45.9	26.0	65	65	47	47	69	61	50	44(16)	71	42	66	44
		71	42	66	44(90)	48	48	64	64	42	71	44	66(270)
52.5	24.7	69	69	43	43	77	57	52	37(30)	77	36	71	39
		74	34	73	42(101)	44	44	67	67	34	74	42	73(258)
59.1	23.1	71	71	39	39	83	53	54	31(36)	82	30	74	35
		76	27	78	40(107)	41	41	70	70	27	76	41	78(252)
65.6	21.8	74	74	36	36	89	50	55	25(40)	86	25	78	31
		78	21	82	39(110)	37	37	73	73	21	78	39	83(249)
72.2	20.3	76	76	34	34	93	47	56	21(42)	90	21	80	28
		79	15	86	37(112)	35	35	75	75	15	79	38	86(247)
78.7	18.5	77	77	32	32	96	47	56	18(41)	92	17	82	25
		80	11	89	36(113)	32	32	76	76	11	80	37	89(246)
85.3	16.1	76	76	31	31	96	46	55	17(41)	92	16	82	24
		79	10	89	36(114)	31	31	76	76	10	79	37	89(245)
91.9	13.9	76	76	30	30	95	45	54	17(41)	91	15	82	24
		79	9	88	35(114)	31	31	75	75	9	78	36	88(245)
98.4	12.1	76	76	29	29	95	45	54	16(41)	91	14	82	23
		82	9	87	32(109)	30	30	75	75	9	81	33	88(250)

105.0	10.8	76	76	28	28	96	43	55	14(42)	92	13	82	22
	82	7	88	32(110)		29	29	76	76	7	81	32	89(249)
111.5	9.5	76	76	28	28	97	43	54	13(42)	92	12	82	21
	82	6	89	31(110)		28	28	76	76	6	81	32	89(249)
118.1	8.2	76	76	27	27	97	42	54	13(42)	92	11	82	21
	81	5	89	31(110)		28	28	75	75	5	81	31	89(249)
124.7	7.3	76	76	26	26	98	42	54	11(42)	93	9	83	19
	82	4	90	30(110)		26	26	76	76	3	82	30	90(249)
131.2	6.2	76	76	26	26	98	41	54	11(42)	93	9	83	19
	82	3	90	29(110)		26	26	76	76	3	81	30	90(249)
137.8	5.3	76	76	25	25	99	40	54	10(43)	94	8	83	18
	82	2	90	29(111)		25	25	76	76	2	81	30	91(248)

HA=124.3 HI= 29.5 GGW= 68.6 SL= 0.0 MAX(A,B,C,D)= 9.2 7.6 8.4 8.4

Main boom and fixed jib (jib angle 20.0 degrees)

Length of main boom = 130.9 ft Length of jib = 29.5 ft

Main boom sequence = 0-0-0-100-100-100 % LK = 46

Counterweight = 68.6 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.			
		1(0)		2(...)		3(90)		6(...)					
		4(...)		5(180)		6(...)							
		A	B	C	D	A	B	C	D				
39.4	25.6	60	60	52	52	63	53	57	50(59)	62	51	60	51
		59	50	61	54(128)	53	53	59	59	50	59	54	61(232)
45.9	23.6	63	63	48	48	69	50	59	44(59)	67	45	63	46
		67	45	63	46(90)	49	49	61	61	45	67	46	63(270)
52.5	22.0	65	65	45	45	71	59	50	41(21)	72	39	67	42
		71	39	67	43(94)	46	46	64	64	39	71	43	68(265)
59.1	20.5	67	67	42	42	76	56	51	35(30)	76	34	70	38
		73	32	72	41(102)	43	43	67	67	32	73	41	72(257)
65.6	19.2	70	70	39	39	82	52	53	30(36)	80	30	73	35
		75	26	77	39(106)	40	40	69	69	26	75	40	77(253)
72.2	17.9	72	72	36	36	86	50	54	26(39)	84	25	76	31
		76	21	80	38(109)	37	37	71	71	21	76	39	80(250)
78.7	16.5	73	73	34	34	90	47	55	22(41)	87	21	78	28
		77	17	83	37(111)	35	35	73	73	17	77	37	84(248)
85.3	15.2	75	75	32	32	93	46	55	19(42)	89	18	80	26
		78	13	86	36(113)	33	33	74	74	13	77	37	86(246)
91.9	14.1	76	76	30	30	96	45	55	16(41)	92	15	82	23
		79	9	89	35(114)	30	30	76	76	9	78	36	89(245)
98.4	12.3	76	76	29	29	96	45	54	15(41)	92	14	82	23
		82	9	88	32(109)	30	30	75	75	8	81	32	88(250)
105.0	10.8	76	76	28	28	96	43	55	14(42)	92	13	82	22
		81	7	88	32(110)	29	29	75	75	7	81	32	88(249)
111.5	9.5	76	76	28	28	97	43	54	13(42)	92	12	82	21
		82	6	89	31(110)	28	28	76	76	6	81	32	89(249)
118.1	8.2	76	76	27	27	96	43	54	13(42)	92	11	82	21
		81	6	88	31(110)	28	28	75	75	5	81	31	89(249)
124.7	7.3	76	76	26	26	98	42	54	11(42)	93	10	83	19
		82	4	90	30(110)	26	26	76	76	4	81	30	90(249)
131.2	6.2	76	76	26	26	97	41	54	11(42)	93	9	83	19
		82	3	89	30(110)	26	26	76	76	3	81	30	90(249)

137.8 5.5 77 77 25 25 99 40 54 9(43) 94 7 84 18
 82 1 91 29(111) 25 25 77 77 1 81 30 91(248)
 144.4 4.6 77 77 24 24 99 40 54 9(43) 94 7 84 17
 82 0 91 29(111) 24 24 77 77 0 81 29 91(248)

 HA=130.9 HI= 29.5 GGW= 68.6 SL= 0.0 MAX(A,B,C,D)= 9.2 7.6 8.5 8.5

Main boom and fixed jib (jib angle 20.0 degrees)
 Length of main boom = 138.1 ft Length of jib = 29.5 ft
 Main boom sequence = 0-0-45-90-90-90 % LK = 54
 Counterweight = 68.6 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
		1(0)		2(...)		3(90)		6(...)						
		A	B	C	D	A	B	C	D		A	B	C	D
45.9	26.2	66	66	46	46	71	60	51	42(20)	73	41	67	43	
		72	41	68	44(92)	47	47	65	65	41	72	44	68(267)	
52.5	24.9	69	69	42	42	79	56	53	35(32)	78	34	72	38	
		75	32	74	42(103)	43	43	68	68	32	75	42	75(256)	
59.1	23.6	73	73	38	38	86	52	55	29(38)	84	28	76	34	
		77	25	80	40(108)	39	39	71	71	24	77	40	80(251)	
65.6	22.3	75	75	35	35	92	49	56	23(41)	89	23	80	29	
		79	18	85	38(111)	36	36	74	74	18	79	39	85(248)	
72.2	20.9	78	78	32	32	97	47	56	19(41)	93	18	83	26	
		80	12	90	37(114)	33	33	77	77	12	80	38	90(245)	
78.7	17.9	77	77	31	31	96	47	55	18(41)	92	17	82	25	
		80	11	89	37(114)	32	32	76	76	11	79	37	89(245)	
85.3	15.4	76	76	30	30	96	46	55	17(41)	92	16	82	24	
		79	10	89	36(114)	31	31	76	76	10	78	36	89(245)	
91.9	13.4	76	76	30	30	96	45	54	16(41)	92	15	82	23	
		82	9	88	32(109)	30	30	76	76	9	82	33	88(250)	
98.4	11.7	76	76	29	29	96	45	54	15(41)	92	13	82	22	
		82	8	88	32(109)	29	29	75	75	8	82	32	88(250)	
105.0	10.1	76	76	28	28	96	43	54	14(42)	92	12	82	22	
		81	7	88	32(110)	28	28	75	75	7	81	32	89(249)	
111.5	8.8	76	76	28	28	97	43	54	13(42)	92	11	82	21	
		82	6	89	31(110)	28	28	76	76	6	81	31	89(249)	
118.1	7.7	76	76	27	27	97	42	54	12(42)	93	10	83	20	
		82	4	90	30(110)	27	27	76	76	4	81	31	90(249)	
124.7	6.6	76	76	26	26	98	42	54	11(42)	93	9	83	19	
		82	3	90	30(110)	26	26	76	76	3	81	30	90(249)	
131.2	5.7	77	77	25	25	99	40	54	10(43)	94	8	84	18	
		82	2	91	29(111)	25	25	77	77	1	81	30	91(248)	
137.8	4.6	76	76	25	25	98	40	54	10(43)	93	8	83	18	
		81	2	90	29(111)	25	25	76	76	1	81	30	90(248)	
144.4	3.7	76	76	25	25	99	40	54	9(43)	93	7	83	18	
		81	1	90	29(111)	25	25	76	76	1	81	30	90(248)	
150.9	3.1	77	77	24	24	99	39	54	8(43)	94	6	84	17	
		81	0	92	28(111)	24	24	77	77	0	80	28	92(248)	

 HA=138.1 HI= 29.5 GGW= 68.6 SL= 0.0 MAX(A,B,C,D)= 9.2 7.6 8.5 8.5

Main boom and fixed jib (jib angle 20.0 degrees)

Length of main boom = 145.0 ft Length of jib = 29.5 ft
 Main boom sequence = 0-0-45-100-100-100 % LK = 55
 Counterweight = 68.6 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]								(Pos.[Degrees])				0-360 Degr.	
		1(0)				2(...)				3(90)					
		A	B	C	D	A	B	C	D	A	B	C	D		
45.9	23.8	63	63	47	47	64	62	48	47	(5)	68	44	64	45	
		68	44	64	45	(90)	49	49	62	62	44	68	45	64	(270)
52.5	22.3	66	66	44	44	73	58	51	39	(25)	73	38	68	41	
		72	37	69	42	(97)	45	45	65	65	37	72	43	69	(262)
59.1	20.9	69	69	41	41	79	54	52	33	(33)	78	32	72	37	
		74	30	74	41	(104)	42	42	68	68	30	74	41	75	(255)
65.6	19.6	71	71	37	37	85	51	54	28	(38)	82	27	75	33	
		76	24	79	39	(108)	39	39	70	70	24	76	39	79	(251)
72.2	18.3	73	73	35	35	90	48	55	24	(41)	86	23	78	30	
		77	18	83	38	(111)	36	36	73	73	18	77	38	83	(248)
78.7	17.2	75	75	32	32	94	45	56	19	(43)	90	19	81	26	
		79	13	87	37	(113)	33	33	75	75	13	78	37	87	(246)
85.3	15.4	76	76	30	30	95	46	55	17	(41)	91	16	82	24	
		79	10	88	36	(114)	31	31	75	75	10	78	36	89	(245)
91.9	13.4	76	76	30	30	96	45	54	16	(41)	91	15	82	23	
		82	9	88	32	(109)	30	30	75	75	9	81	33	88	(250)
98.4	11.7	76	76	29	29	96	45	54	15	(41)	92	14	82	22	
		82	8	88	32	(109)	30	30	75	75	8	81	32	88	(250)
105.0	10.1	76	76	28	28	96	43	54	14	(42)	92	13	82	22	
		81	7	88	32	(110)	29	29	75	75	7	81	32	88	(249)
111.5	8.8	76	76	28	28	97	43	54	13	(42)	92	11	82	21	
		81	6	89	31	(110)	28	28	75	75	6	81	32	89	(249)
118.1	7.7	76	76	27	27	97	42	54	12	(42)	93	10	83	20	
		82	4	89	30	(110)	27	27	76	76	4	81	31	89	(249)
124.7	6.6	76	76	26	26	97	42	54	11	(42)	93	9	83	19	
		82	4	90	30	(110)	26	26	76	76	3	81	30	90	(249)
131.2	5.7	76	76	25	25	99	40	54	10	(43)	94	8	83	18	
		82	2	90	30	(111)	26	26	76	76	2	81	30	91	(248)
137.8	4.9	77	77	25	25	99	40	54	9	(43)	94	7	84	18	
		82	1	91	29	(111)	25	25	77	77	1	81	30	91	(248)
144.4	4.0	76	76	24	24	99	40	54	9	(43)	94	7	84	17	
		82	0	91	29	(111)	24	24	77	77	0	81	29	91	(248)
150.9	3.1	76	76	24	24	99	39	54	9	(43)	94	6	84	17	
		82	0	91	28	(111)	24	24	76	76	0	81	29	91	(248)
157.5	2.4	76	76	24	24	99	39	54	8	(43)	94	6	84	16	
		81	0	92	27	(111)	24	24	77	77	0	80	28	93	(248)

HA=145.0 HI= 29.5 GGW= 68.6 SL= 0.0 MAX(A,B,C,D)= 9.2 7.6 8.6 8.6

Main boom and fixed jib (jib angle 20.0 degrees)
 Length of main boom = 152.2 ft Length of jib = 29.5 ft
 Main boom sequence = 0-0-90-90-90-90 % LK = 62
 Counterweight = 68.6 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.
		1(0)				2(...)				
		3(90)								

	4(...)				5(180)				6(...)				
	A	B	C	D	A	B	C	D	A	B	C	D	
45.9	26.5	67	67	45	45	73	60	51	41(23)	74	40	68	43
		73	39	69	43(95)	47	47	65	65	39	73	44	69(264)
52.5	25.1	70	70	41	41	81	55	54	34(34)	80	33	73	37
		75	30	76	41(105)	43	43	69	69	30	75	42	76(254)
59.1	23.6	73	73	38	38	88	51	55	28(39)	85	27	77	33
		78	23	81	40(109)	39	39	72	72	23	77	40	81(250)
65.6	22.3	76	76	34	34	93	48	57	22(42)	90	22	80	28
		80	17	86	38(112)	35	35	75	75	16	79	39	86(247)
72.2	20.5	78	78	32	32	97	47	56	18(41)	93	17	83	25
		81	11	90	37(114)	33	33	77	77	11	80	37	90(245)
78.7	17.4	77	77	31	31	96	47	55	17(41)	92	16	82	24
		80	11	89	36(114)	32	32	76	76	10	79	37	89(245)
85.3	15.0	77	77	30	30	96	46	55	17(41)	92	15	82	24
		79	9	89	35(114)	31	31	76	76	9	79	36	89(245)
91.9	13.0	76	76	29	29	96	45	54	15(41)	92	14	82	23
		82	9	88	32(109)	30	30	76	76	8	82	32	88(250)
98.4	11.2	76	76	28	28	97	43	55	14(42)	92	13	82	22
		82	7	89	32(110)	29	29	76	76	7	81	32	89(249)
105.0	9.7	76	76	28	28	97	43	54	13(42)	92	12	82	21
		82	6	89	31(110)	28	28	76	76	6	81	32	89(249)
111.5	8.4	76	76	27	27	97	42	54	12(42)	93	11	83	20
		82	5	89	30(110)	27	27	76	76	5	81	31	90(249)
118.1	7.3	77	77	26	26	98	42	54	11(42)	93	9	83	19
		82	3	90	30(110)	26	26	76	76	3	82	30	90(249)
124.7	6.2	77	77	26	26	99	41	55	10(43)	94	8	84	19
		82	2	90	30(111)	26	26	76	76	2	81	30	91(248)
131.2	5.1	76	76	25	25	99	40	54	10(43)	93	8	83	18
		82	2	90	29(111)	25	25	76	76	2	81	30	90(248)
137.8	4.2	76	76	25	25	99	40	54	9(43)	94	7	84	17
		82	1	91	29(111)	25	25	76	76	0	81	30	91(248)
144.4	3.3	76	76	24	24	99	39	54	9(43)	94	7	84	17
		82	0	91	29(111)	24	24	76	76	0	81	29	91(248)
150.9	2.4	76	76	24	24	99	39	54	8(43)	94	6	83	17
		81	0	91	28(111)	24	24	76	76	0	80	29	91(248)

 HA=152.2 HI= 29.5 GGW= 68.6 SL= 0.0 MAX(A,B,C,D)= 9.2 7.6 8.4 8.5

Main boom and fixed jib (jib angle 20.0 degrees)

Length of main boom = 161.4 ft Length of jib = 29.5 ft

Main boom sequence = 0-0-100-100-100-100 % LK = 63

Counterweight = 68.6 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
	1(0)		2(...)		3(90)		4(180)						
	4(...)				5(180)				6(...)				
	A	B	C	D	A	B	C	D	A	B	C	D	
52.5	22.3	67	67	43	43	74	57	51	38(27)	75	37	69	40
		73	35	70	42(99)	45	45	66	66	35	72	42	71(260)
59.1	20.9	70	70	40	40	81	53	53	32(35)	79	31	73	36
		75	28	76	40(105)	41	41	69	69	28	75	41	76(254)
65.6	19.8	73	73	37	37	87	50	54	26(39)	84	26	76	32
		77	21	81	39(110)	37	37	71	71	21	76	39	81(249)

72.2	18.5	75	75	34	34	92	47	56	22(42)	88	21	79	28
		78	16	85	37(112)	35	35	74	74	16	78	38	85(247)
78.7	17.2	77	77	31	31	96	47	55	18(41)	92	17	82	25
		79	11	89	36(114)	32	32	76	76	11	79	37	89(245)
85.3	15.0	77	77	30	30	96	46	55	16(41)	92	15	82	24
		79	9	89	35(114)	31	31	76	76	9	79	36	89(245)
91.9	13.0	76	76	29	29	96	45	54	15(41)	92	14	82	23
		82	8	88	32(109)	30	30	76	76	8	82	32	89(250)
98.4	11.2	76	76	28	28	97	43	55	14(42)	92	13	82	22
		82	7	89	32(110)	29	29	76	76	7	81	32	89(249)
105.0	9.7	76	76	28	28	97	43	54	13(42)	93	12	82	21
		82	6	89	31(110)	28	28	76	76	6	81	32	89(249)
111.5	8.4	76	76	27	27	97	42	54	12(42)	93	11	83	20
		82	5	89	30(110)	27	27	76	76	5	81	31	90(249)
118.1	7.3	77	77	26	26	98	42	54	11(42)	93	9	83	19
		82	3	90	30(110)	26	26	76	76	3	82	30	90(249)
124.7	6.2	77	77	26	26	99	41	55	10(43)	94	8	84	19
		82	2	90	30(111)	26	26	77	77	2	81	30	91(248)
131.2	5.1	76	76	25	25	99	40	54	10(43)	94	8	83	18
		82	2	90	29(111)	25	25	76	76	2	81	30	91(248)
137.8	4.2	76	76	25	25	99	40	54	9(43)	94	7	84	17
		82	1	91	29(111)	25	25	77	77	0	81	30	91(248)
144.4	3.3	76	76	24	24	99	39	54	9(43)	94	6	84	17
		82	0	91	28(111)	24	24	76	76	0	81	29	91(248)
150.9	2.4	76	76	24	24	99	39	54	8(43)	94	6	84	17
		81	0	91	28(111)	24	24	76	76	0	80	29	91(248)

 HA=161.4 HI= 29.5 GGW= 68.6 SL= 0.0 MAX(A,B,C,D)= 9.2 7.6 8.4 8.5

Main boom and fixed jib (jib angle 20.0 degrees)

Length of main boom = 166.0 ft Length of jib = 29.5 ft

Main boom sequence = 0-45-90-90-90-90 % LK = 68

Counterweight = 68.6 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
	1(0)		2(...)		3(90)		6(...)						
	4(...)		5(180)		A B C D		A B C D						
52.5	25.1	71	71	40	40	83	54	54	32(35)	81	32	74	36
		76	29	77	41(106)	42	42	70	70	28	76	41	77(253)
59.1	23.8	75	75	36	36	90	50	56	26(40)	87	25	78	31
		79	21	83	39(110)	38	38	73	73	21	78	39	83(249)
65.6	22.5	77	77	33	33	96	47	58	20(43)	92	19	82	27
		81	14	89	37(113)	34	34	76	76	14	80	38	89(246)
72.2	19.6	78	78	31	31	97	47	56	18(41)	93	17	83	25
		80	11	90	37(114)	32	32	77	77	11	80	37	90(245)
78.7	16.8	77	77	30	30	97	46	55	17(41)	93	15	83	24
		80	9	90	36(114)	31	31	76	76	9	79	36	90(245)
85.3	14.3	77	77	30	30	97	45	55	16(41)	93	14	83	23
		83	9	89	32(109)	30	30	76	76	9	82	33	89(250)
91.9	12.1	76	76	29	29	96	45	54	15(41)	92	13	82	22
		82	8	88	32(109)	29	29	76	76	8	82	32	88(250)
98.4	10.4	76	76	28	28	97	43	55	14(42)	92	12	82	21
		82	7	89	32(110)	28	28	76	76	7	81	32	89(249)

105.0	9.0	77	77	27	27	98	43	54	12(42)	93	11	83	20
		82	5	90	30(110)	27	27	76	76	5	82	31	90(249)
111.5	7.7	77	77	26	26	98	42	54	11(42)	93	9	83	19
		82	4	90	30(110)	26	26	76	76	3	82	30	90(249)
118.1	6.4	76	76	26	26	98	41	54	11(42)	93	9	83	19
		82	3	90	29(110)	26	26	76	76	3	82	30	90(249)
124.7	5.3	76	76	25	25	99	40	54	10(43)	94	8	84	18
		82	2	90	29(111)	25	25	76	76	2	81	30	91(248)
131.2	4.2	76	76	25	25	99	40	54	9(43)	93	7	83	18
		82	1	90	29(111)	25	25	76	76	1	81	30	91(248)
137.8	3.3	76	76	24	24	99	39	54	9(43)	94	7	84	17
		82	0	91	29(111)	24	24	76	76	0	81	29	91(248)
144.4	2.4	76	76	24	24	99	39	54	8(43)	94	6	84	17
		81	0	91	28(111)	24	24	76	76	0	80	28	92(248)

HA=166.0 HI= 29.5 GGW= 68.6 SL= 0.0 MAX(A,B,C,D)= 9.2 7.6 8.5 8.5

Main boom and fixed jib (jib angle 20.0 degrees)

Length of main boom = 175.5 ft Length of jib = 29.5 ft

Main boom sequence = 0-45-100-100-100-100 % LK = 69

Counterweight = 68.6 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.			
		1(0)		2(...)		3(90)		6(...)					
		4(...)		5(180)		6(...)							
		A	B	C	D	A	B	C	D				
52.5	22.3	68	68	43	43	76	56	51	37(29)	76	35	70	39
		73	34	72	42(101)	44	44	67	67	34	73	42	72(258)
59.1	20.9	71	71	39	39	83	52	53	30(36)	81	30	74	35
		75	26	77	40(107)	40	40	69	69	26	75	40	78(252)
65.6	19.8	73	73	35	35	89	49	55	24(40)	86	24	78	30
		77	19	83	38(111)	36	36	73	73	19	77	39	83(248)
72.2	18.7	76	76	32	32	95	46	57	19(43)	91	19	81	26
		80	13	88	37(113)	33	33	75	75	13	79	37	88(246)
78.7	16.8	77	77	30	30	97	46	55	17(41)	93	15	83	24
		80	9	90	36(114)	31	31	76	76	9	79	36	90(245)
85.3	14.3	77	77	30	30	97	45	55	16(41)	93	14	83	23
		83	9	88	32(109)	30	30	76	76	9	82	33	89(250)
91.9	12.1	76	76	29	29	96	45	54	15(41)	92	13	82	22
		82	8	88	32(109)	29	29	76	76	8	82	32	88(250)
98.4	10.6	77	77	28	28	97	43	55	13(42)	93	12	83	21
		82	6	89	31(110)	28	28	76	76	6	82	32	90(249)
105.0	9.0	77	77	27	27	98	43	54	12(42)	93	11	83	20
		82	5	90	30(110)	27	27	76	76	5	82	31	90(249)
111.5	7.7	77	77	26	26	98	42	54	11(42)	93	9	83	19
		82	4	90	30(110)	26	26	76	76	3	82	30	90(249)
118.1	6.4	76	76	26	26	98	42	54	11(42)	93	9	83	19
		82	3	90	29(110)	26	26	76	76	3	82	30	90(249)
124.7	5.3	76	76	25	25	99	40	54	10(43)	94	8	84	18
		82	2	90	30(111)	25	25	76	76	2	81	30	91(248)
131.2	4.2	76	76	25	25	99	40	54	9(43)	93	7	83	18
		82	1	90	29(111)	25	25	76	76	1	81	30	91(248)
137.8	3.3	76	76	24	24	99	39	54	9(43)	94	7	84	17
		82	0	91	29(111)	24	24	76	76	0	81	29	91(248)

144.4 2.4 76 76 24 24 99 39 54 8(43) 94 6 84 17
 81 0 91 28(111) 24 24 76 76 0 80 28 91(248)

 HA=175.5 HI= 29.5 GGW= 68.6 SL= 0.0 MAX(A,B,C,D)= 9.2 7.6 8.5 8.5

Main boom and fixed jib (jib angle 20.0 degrees)
 Length of main boom = 180.1 ft Length of jib = 29.5 ft
 Main boom sequence = 0-90-90-90-90-90 % LK = 73
 Counterweight = 68.6 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.
	1(0)				2(...)				
	4(...)				5(180)				
A B C D	A B C D	A B C D	A B C D	A B C D	A B C D	A B C D	A B C D		
59.1 23.6	75 75 36 36	91 49 56 24(41)	88 24 79 30						
	79 19 84 39(111)	37 37 74 74	19 78 39 84(248)						
65.6 22.0	78 78 32 32	97 48 56 19(41)	93 19 83 26						
	81 13 89 37(113)	34 34 77 77	13 81 37 89(246)						
72.2 18.7	77 77 31 31	97 47 56 18(41)	93 17 83 25						
	80 11 89 37(114)	32 32 76 76	11 80 37 90(245)						
78.7 16.1	77 77 30 30	97 46 55 16(41)	93 15 83 23						
	83 9 89 33(109)	31 31 76 76	9 83 33 89(250)						
85.3 13.7	77 77 29 29	97 44 55 15(42)	93 14 83 22						
	82 8 89 32(110)	30 30 76 76	8 82 33 89(249)						
91.9 11.5	76 76 28 28	97 44 55 14(42)	92 13 82 22						
	82 7 89 32(110)	29 29 76 76	7 81 32 89(249)						
98.4 9.9	77 77 27 27	98 43 55 13(42)	93 11 83 21						
	82 5 90 31(110)	28 28 76 76	5 82 31 90(249)						
105.0 8.4	77 77 27 27	98 42 54 12(42)	93 10 83 20						
	82 4 90 30(110)	27 27 76 76	4 82 31 90(249)						
111.5 7.1	77 77 26 26	99 41 55 10(43)	94 9 84 19						
	82 2 91 30(111)	26 26 77 77	2 81 31 91(248)						
118.1 5.7	77 77 25 25	99 40 54 10(43)	94 8 84 18						
	82 2 91 30(111)	25 25 77 77	2 81 30 91(248)						
124.7 4.4	76 76 25 25	98 40 54 10(43)	93 8 83 18						
	81 2 90 29(111)	25 25 76 76	1 81 30 90(248)						
131.2 3.3	76 76 25 25	98 40 54 9(43)	93 7 83 18						
	81 1 90 29(111)	25 25 76 76	1 80 30 90(248)						
137.8 2.4	76 76 24 24	99 39 54 9(43)	93 6 83 17						
	81 0 90 28(111)	24 24 76 76	0 81 29 91(248)						

 HA=180.1 HI= 29.5 GGW= 68.6 SL= 0.0 MAX(A,B,C,D)= 9.2 7.7 8.4 8.4

Main boom and fixed jib (jib angle 20.0 degrees)
 Length of main boom = 191.9 ft Length of jib = 29.5 ft
 Main boom sequence = 0-100-100-100-100-100 % LK = 74
 Counterweight = 68.6 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.
	1(0)				2(...)				
	4(...)				5(180)				
A B C D	A B C D	A B C D	A B C D	A B C D	A B C D	A B C D	A B C D		
59.1 20.7	71 71 38 38	84 52 54 29(37)	82 28 75 34						
	76 25 79 40(108)	39 39 70 70	24 76 40 79(251)						

65.6	19.6	74	74	35	35	91	48	56	23(41)	88	22	79	29
		78	18	84	38(111)	35	35	73	73	17	78	38	84(248)
72.2	18.1	76	76	32	32	95	48	55	19(40)	91	18	82	26
		80	12	88	36(113)	33	33	75	75	12	79	37	88(246)
78.7	15.4	76	76	31	31	95	46	55	17(41)	91	16	82	24
		79	10	88	36(114)	31	31	75	75	10	78	37	88(245)
85.3	13.2	76	76	30	30	96	45	54	16(41)	92	15	82	23
		82	9	88	32(109)	30	30	76	76	9	82	33	88(250)
91.9	11.2	76	76	29	29	96	44	55	15(42)	92	13	82	22
		82	7	88	32(110)	29	29	76	76	7	81	32	89(249)
98.4	9.5	76	76	28	28	97	43	54	14(42)	92	12	82	21
		82	6	89	31(110)	28	28	76	76	6	81	32	89(249)
105.0	7.9	76	76	27	27	97	42	54	13(42)	92	11	82	20
		82	5	89	30(110)	27	27	76	76	5	81	31	89(249)
111.5	6.6	76	76	26	26	97	42	54	12(42)	93	10	83	19
		82	4	89	30(110)	26	26	76	76	4	81	30	90(249)
118.1	5.3	76	76	26	26	97	41	54	11(42)	93	9	83	19
		82	3	89	29(110)	26	26	76	76	3	81	30	90(249)
124.7	4.2	76	76	25	25	97	41	53	10(42)	93	8	83	18
		82	2	90	29(110)	25	25	76	76	2	81	30	90(249)
131.2	3.3	76	76	25	25	99	40	54	9(43)	93	7	83	17
		82	1	90	29(111)	24	24	76	76	0	81	30	91(248)
137.8	2.2	76	76	24	24	98	39	54	9(43)	93	7	83	17
		81	1	90	29(111)	24	24	76	76	0	80	29	90(248)

 HA=191.9 HI= 29.5 GGW= 68.6 SL= 0.0 MAX(A,B,C,D)= 9.2 7.6 8.4 8.4

Main boom and fixed jib (jib angle 20.0 degrees)

Length of main boom = 193.9 ft Length of jib = 29.5 ft
 Main boom sequence = 45-90-90-90-90-90 % LK = 76
 Counterweight = 68.6 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
	1(0)		2(...)		3(90)		6(...)						
	A	B	C	D	A	B	C	D	A	B	C	D	
59.1	23.6	76	76	35	35	94	48	57	22(42)	90	22	81	29
		80	17	86	38(112)	36	36	75	75	17	79	39	86(247)
65.6	19.8	76	76	33	33	94	47	56	21(42)	90	20	81	27
		79	15	87	37(113)	34	34	75	75	15	78	38	87(246)
72.2	16.8	76	76	32	32	94	47	54	19(40)	90	18	81	26
		79	13	87	36(113)	33	33	75	75	12	78	37	87(246)
78.7	14.3	76	76	30	30	95	46	55	17(41)	91	16	81	24
		79	10	88	36(114)	31	31	75	75	10	78	36	88(245)
85.3	11.9	75	75	30	30	95	45	54	16(41)	91	15	81	23
		81	9	87	32(109)	30	30	75	75	9	81	33	87(250)
91.9	9.9	75	75	29	29	95	44	54	15(41)	91	13	81	22
		81	8	87	32(109)	29	29	75	75	8	81	32	88(250)
98.4	8.2	75	75	28	28	95	44	53	14(41)	91	12	81	21
		81	7	87	31(109)	28	28	75	75	7	81	31	88(250)
105.0	6.6	75	75	27	27	96	42	54	13(42)	91	11	82	21
		81	6	88	31(110)	28	28	75	75	6	80	31	88(249)
111.5	5.3	75	75	27	27	96	42	54	12(42)	91	10	82	20
		81	4	88	30(110)	27	27	75	75	4	80	31	88(249)

118.1 4.2 75 75 26 26 97 41 53 11(42) 92 9 82 19
 81 3 89 29(110) 26 26 75 75 3 80 30 89(249)
 124.7 3.1 75 75 25 25 97 41 53 10(42) 92 8 82 18
 81 2 89 29(110) 25 25 75 75 2 81 29 89(249)

 HA=193.9 HI= 29.5 GGW= 68.6 SL= 0.0 MAX(A,B,C,D)= 9.0 7.5 8.3 8.3

Main boom and fixed jib (jib angle 20.0 degrees)

Length of main boom = 205.7 ft Length of jib = 29.5 ft
 Main boom sequence = 45-100-100-100-100 % LK = 77
 Counterweight = 68.6 kip

 Radius Cap. Outrigger Loadin[kip] (Pos.[Degrees]) 0-360 Degr.
 [ft] [kip] 1(0) 2(...) 3(90)
 4(...) 5(180) 6(...)
 A B C D A B C D A B C D
 65.6 19.4 75 75 34 34 93 47 56 21(42) 89 21 80 28
 79 15 86 37(112) 35 35 74 74 15 78 38 86(247)
 72.2 16.3 75 75 32 32 93 46 56 20(42) 89 19 80 26
 78 13 86 37(113) 33 33 74 74 13 78 37 86(246)
 78.7 13.7 75 75 31 31 93 47 54 19(40) 89 17 80 25
 78 12 86 36(113) 32 32 74 74 12 77 36 86(246)
 85.3 11.5 75 75 30 30 93 45 54 17(41) 90 16 80 24
 78 10 87 35(113) 31 31 74 74 10 77 35 87(246)
 91.9 9.7 75 75 29 29 94 44 54 15(41) 90 14 81 23
 81 9 87 32(109) 29 29 75 75 8 80 32 87(250)
 98.4 7.9 75 75 28 28 95 44 53 15(41) 90 13 81 22
 81 7 87 31(109) 29 29 75 75 7 80 32 87(250)
 105.0 6.4 75 75 28 28 95 43 53 14(41) 91 12 81 21
 81 6 87 30(109) 28 28 75 75 6 80 31 87(250)
 111.5 5.1 75 75 27 27 95 42 54 13(42) 91 11 81 20
 80 5 88 30(110) 27 27 75 75 5 80 31 88(249)
 118.1 4.0 75 75 26 26 96 41 53 11(42) 91 9 82 19
 81 4 88 30(110) 26 26 75 75 4 80 30 88(249)
 124.7 2.9 75 75 26 26 96 41 53 11(42) 92 9 82 19
 81 3 88 29(110) 26 26 75 75 3 80 30 89(249)

 HA=205.7 HI= 29.5 GGW= 68.6 SL= 0.0 MAX(A,B,C,D)= 9.0 7.5 8.2 8.2

Main boom and fixed jib (jib angle 20.0 degrees)

Length of main boom = 208.0 ft Length of jib = 29.5 ft
 Main boom sequence = 90-90-90-90-90 % LK = 78
 Counterweight = 68.6 kip

 Radius Cap. Outrigger Loadin[kip] (Pos.[Degrees]) 0-360 Degr.
 [ft] [kip] 1(0) 2(...) 3(90)
 4(...) 5(180) 6(...)
 A B C D A B C D A B C D
 65.6 18.1 75 75 34 34 92 47 56 22(42) 88 21 79 28
 78 16 85 37(112) 35 35 74 74 16 78 38 85(247)
 72.2 15.0 74 74 32 32 92 46 55 20(42) 88 19 79 27
 78 14 85 36(112) 33 33 73 73 14 77 37 85(247)
 78.7 12.6 74 74 31 31 92 46 54 19(40) 89 17 80 25
 78 12 86 36(113) 32 32 74 74 12 77 36 86(246)

85.3	10.4	74	74	30	30	93	45	53	17(40)	89	16	80	24
		78	10	86	35(113)	30	30	74	74	10	77	35	86(246)
91.9	8.4	74	74	29	29	93	44	53	16(41)	89	15	80	23
		80	9	86	32(109)	30	30	74	74	9	79	32	86(250)
98.4	6.6	74	74	29	29	93	43	53	15(41)	89	13	80	22
		80	8	86	31(109)	29	29	74	74	8	79	32	86(250)
105.0	5.3	74	74	28	28	94	43	53	14(41)	90	12	80	21
		80	6	86	30(109)	28	28	74	74	6	80	31	87(250)
111.5	4.0	74	74	27	27	95	41	53	13(42)	90	11	81	20
		80	5	87	30(110)	27	27	74	74	5	79	31	87(249)
118.1	2.6	74	74	26	26	94	41	53	12(42)	90	10	81	20
		79	5	87	30(110)	26	26	74	74	4	79	30	87(249)

HA=208.0 HI= 29.5 GGW= 68.6 SL= 0.0 MAX(A,B,C,D)= 8.8 7.4 8.1 8.1

Main boom and fixed jib (jib angle 20.0 degrees)

Length of main boom = 222.4 ft Length of jib = 29.5 ft

Main boom sequence = 100-100-100-100-100 % LK = 79

Counterweight = 68.6 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.			
		1(0)		2(...)		3(90)		6(...)					
		A	B	C	D	A	B	C	D				
72.2	14.3	73	73	33	33	91	46	55	21(42)	87	20	78	27
		77	15	84	37(112)	34	34	73	73	15	77	37	84(247)
78.7	11.9	73	73	32	32	91	45	55	19(42)	87	18	79	26
		77	13	84	35(112)	32	32	73	73	13	77	36	85(247)
85.3	9.7	73	73	31	31	91	46	53	18(40)	88	17	79	25
		77	11	85	35(113)	31	31	73	73	11	76	36	85(246)
91.9	7.9	73	73	30	30	92	45	53	17(40)	88	15	79	24
		77	9	86	34(113)	30	30	73	73	9	76	35	86(246)
98.4	6.2	73	73	29	29	92	43	53	16(41)	88	14	79	23
		79	9	85	32(109)	29	29	73	73	9	78	32	85(250)
105.0	4.6	73	73	28	28	92	43	53	15(41)	88	13	79	22
		79	8	85	31(109)	28	28	73	73	8	78	32	85(250)
111.5	3.3	73	73	28	28	92	43	52	14(41)	88	12	79	21
		79	7	85	30(109)	28	28	73	73	7	78	31	85(250)
118.1	2.2	73	73	27	27	93	42	52	13(41)	89	11	80	21
		79	6	86	30(109)	27	27	73	73	6	79	30	86(250)

HA=222.4 HI= 29.5 GGW= 68.6 SL= 0.0 MAX(A,B,C,D)= 8.6 7.3 8.0 8.0

Programm L A M O S 9 9 Version 1.08 vom 29.09.02

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Eingabedatei: ilam.dat

Festdatei : /berechnung/tabellen/zentraledaten/lamosfd-ac/200-1.99dat

Tabellendat.: /berechnung/tabellen/ac/ac200-1/serie_3/pc_tab/22137012_tab.txt

H

DEMAG Mobile Cranes

O U T R I G G E R - L O A D I N G S

(Variance = +-10%)

PSI= 1.00

Crane : *** AC 200-1 *** mit HKHI fuer GA und MS

 Outrigger width = 18.7 ft Outrigger length = 27.7 ft
 Outrigger "A" X = 12.0 ft Outrigger "A" Y = 9.4 ft
 Outrigger "B" X = 12.0 ft Outrigger "B" Y = -9.4 ft
 Outrigger "C" X = -15.7 ft Outrigger "C" Y = 9.4 ft
 Outrigger "D" X = -15.7 ft Outrigger "D" Y = -9.4 ft

Main boom and fixed jib (jib angle 40.0 degrees)
 Length of main boom = 40.7 ft Length of jib = 29.5 ft
 Main boom sequence = 0-0-0-0-0-0 % LK = 1
 Counterweight = 68.6 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.			
		1(0)		2(59)		3(90)		6(232)					
		A	B	C	D	A	B	C	D	A	B	C	D
23.0	22.7	44	44	66	66	34	66	48	73	37	75	40	69
		48	78	36	59	67	67	43	43	78	48	59	36
26.2	21.6	46	46	64	64	37	64	49	70	39	71	42	66
		49	74	39	58	65	65	45	45	74	49	58	39
29.5	20.7	48	48	62	62	40	62	50	66	42	68	44	64
		50	70	42	57	63	63	47	47	70	50	57	42
32.8	20.1	49	49	60	60	44	60	51	63	45	64	47	61
		51	66	45	56	61	61	48	48	66	51	56	45
39.4	18.7	53	53	56	56	51	56	52	57	51	58	51	56
		53	58	50	54	56	56	52	52	58	53	54	50
45.9	17.6	56	56	52	52	58	52	54	50	57	51	56	51
		56	51	56	53	52	52	55	55	51	56	53	56

 HA= 40.7 HI= 29.5 GGW= 68.6 SL= 0.0 MAX(A,B,C,D)= 7.2 7.2 6.1 6.8

Main boom and fixed jib (jib angle 40.0 degrees)
 Length of main boom = 54.5 ft Length of jib = 29.5 ft
 Main boom sequence = 0-0-0-0-0-45 % LK = 7
 Counterweight = 68.6 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.			
		1(...)		2(...)		3(90)		6(...)					
		A	B	C	D	A	B	C	D	A	B	C	D
26.2	22.3	46	46	64	64	37	64	49	70(59)	39	72	42	67
		49	74	39	58(128)	65	65	45	45	74	49	58	39(232)
29.5	21.4	48	48	62	62	40	62	50	67(59)	42	68	44	64
		50	70	42	57(128)	63	63	47	47	70	50	57	42(232)
32.8	20.7	49	49	60	60	44	61	51	63(59)	45	65	47	62
		51	67	45	56(128)	61	61	48	48	67	51	56	45(232)
39.4	19.4	52	52	56	56	50	57	52	58(59)	51	59	51	57
		53	59	50	55(128)	57	57	51	51	59	53	55	50(232)
45.9	18.5	56	56	52	52	57	53	54	52(59)	57	52	55	52
		55	52	56	53(127)	53	53	55	55	52	55	53	56(232)
52.5	17.6	59	59	49	49	63	50	56	46(59)	62	46	60	47
		58	45	61	52(128)	50	50	58	58	45	58	52	61(232)

59.1 17.4 63 63 45 45 67 58 48 41(17) 69 39 65 42
 69 39 65 42(90) 45 45 62 62 39 69 42 65(269)

HA= 54.5 HI= 29.5 GGW= 68.6 SL= 0.0 MAX(A,B,C,D)= 6.9 6.9 6.0 6.5

Main boom and fixed jib (jib angle 40.0 degrees)
 Length of main boom = 68.6 ft Length of jib = 29.5 ft
 Main boom sequence = 0-0-0-0-0-90 % LK = 13
 Counterweight = 68.6 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.			
		1(0)		2(...)		3(90)		6(...)					
		4(...)		5(180)		6(...)							
		A	B	C	D	A	B	C	D	A	B	C	D
29.5	21.8	48	48	62	62	40	63	50	67(59)	42	69	44	64
		50	71	42	57(128)	63	63	47	47	71	50	57	42(232)
32.8	21.2	49	49	60	60	43	61	51	64(59)	45	65	47	62
		51	67	45	57(128)	61	61	48	48	67	51	57	45(232)
39.4	20.1	52	52	56	56	50	57	52	58(59)	51	59	51	57
		53	60	50	55(128)	58	58	52	52	60	53	55	50(232)
45.9	19.2	56	56	53	53	57	54	54	52(59)	56	53	55	52
		56	53	55	53(127)	54	54	55	55	53	55	53	55(232)
52.5	18.3	59	59	49	49	63	50	56	47(59)	62	47	59	48
		58	46	61	52(128)	50	50	58	58	46	58	52	61(232)
59.1	17.6	62	62	46	46	64	60	47	44(9)	67	41	63	43
		67	41	63	43(90)	47	47	61	61	41	67	43	63(270)
65.6	17.0	65	65	42	42	72	56	50	37(27)	73	35	67	39
		71	34	69	41(98)	43	43	64	64	34	71	41	69(261)
72.2	16.1	68	68	39	39	79	52	52	31(34)	77	30	71	35
		73	27	74	39(105)	40	40	67	67	27	73	40	74(254)

HA= 68.6 HI= 29.5 GGW= 68.6 SL= 0.0 MAX(A,B,C,D)= 7.3 6.7 6.9 6.9

Main boom and fixed jib (jib angle 40.0 degrees)
 Length of main boom = 70.2 ft Length of jib = 29.5 ft
 Main boom sequence = 0-0-0-0-0-100 % LK = 14
 Counterweight = 68.6 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.			
		1(0)		2(...)		3(90)		6(...)					
		4(...)		5(180)		6(...)							
		A	B	C	D	A	B	C	D	A	B	C	D
29.5	21.8	48	48	62	62	40	63	50	67(59)	42	69	44	64
		50	71	42	57(128)	63	63	47	47	71	50	57	42(232)
32.8	21.2	49	49	60	60	43	61	51	64(59)	45	65	47	62
		51	67	44	57(128)	61	61	48	48	67	51	57	44(232)
39.4	20.1	52	52	56	56	50	57	52	58(59)	51	59	51	57
		53	60	50	55(128)	58	58	51	51	60	53	55	50(232)
45.9	19.2	56	56	53	53	57	54	54	52(59)	56	53	55	52
		55	53	55	53(127)	54	54	55	55	53	55	53	55(232)
52.5	17.9	58	58	50	50	62	51	56	47(59)	61	48	58	49
		57	47	60	52(128)	50	50	57	57	47	57	52	60(232)
59.1	16.3	60	60	47	47	66	48	57	43(59)	64	43	61	45
		64	43	61	45(90)	48	48	59	59	43	64	45	61(270)

65.6 15.2 62 62 44 44 66 58 48 41(17) 68 39 64 42
 68 39 64 42(90) 45 45 62 62 39 68 42 64(269)
 72.2 14.1 65 65 41 41 72 55 49 36(27) 72 34 67 38
 70 33 69 40(99) 42 42 64 64 33 70 40 69(260)

 HA= 70.2 HI= 29.5 GGW= 68.6 SL= 0.0 MAX(A,B,C,D)= 6.7 6.6 6.4 6.4

Main boom and fixed jib (jib angle 40.0 degrees)
 Length of main boom = 82.3 ft Length of jib = 29.5 ft
 Main boom sequence = 0-0-0-0-45-90 % LK = 20
 Counterweight = 68.6 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.			
		1(0)				2(...)							
		4(...)				5(180)				6(...)			
		A	B	C	D	A	B	C	D	A	B	C	D
32.8	21.6	50	50	60	60	44	61	51	64(59)	46	65	47	62
		51	67	45	57(128)	61	61	49	49	67	51	57	45(232)
39.4	20.5	53	53	56	56	51	57	53	58(59)	51	59	51	57
		54	60	50	55(128)	57	57	52	52	60	54	55	50(232)
45.9	19.6	56	56	53	53	57	54	55	52(59)	57	53	55	52
		56	52	56	53(127)	54	54	55	55	52	56	53	56(232)
52.5	18.7	59	59	49	49	63	50	56	46(59)	62	47	60	48
		58	46	61	52(128)	50	50	58	58	46	58	52	61(232)
59.1	18.3	63	63	45	45	65	60	48	43(12)	68	41	64	43
		68	41	64	43(90)	46	46	62	62	41	68	43	64(270)
65.6	17.6	66	66	42	42	73	55	50	37(28)	73	35	68	39
		71	34	70	41(99)	43	43	65	65	34	71	41	70(260)
72.2	17.2	69	69	39	39	80	52	52	30(35)	79	29	72	34
		74	26	76	39(106)	39	39	68	68	26	74	39	76(253)
78.7	16.3	71	71	35	35	86	49	54	25(39)	83	24	76	31
		76	20	80	38(110)	36	36	71	71	20	75	38	80(249)
85.3	15.7	74	74	32	32	92	46	55	20(42)	88	19	79	27
		78	14	85	36(112)	33	33	73	73	14	77	37	85(247)

 HA= 82.3 HI= 29.5 GGW= 68.6 SL= 0.0 MAX(A,B,C,D)= 8.6 7.2 7.9 7.9

Main boom and fixed jib (jib angle 40.0 degrees)
 Length of main boom = 84.0 ft Length of jib = 29.5 ft
 Main boom sequence = 0-0-0-0-45-100 % LK = 21
 Counterweight = 68.6 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.			
		1(0)				2(...)							
		4(...)				5(180)				6(...)			
		A	B	C	D	A	B	C	D	A	B	C	D
32.8	21.6	50	50	60	60	44	61	51	64(59)	46	65	47	62
		51	67	45	57(128)	61	61	49	49	67	51	57	45(232)
39.4	20.5	53	53	56	56	50	57	53	58(59)	51	59	51	57
		53	60	50	55(128)	57	57	52	52	60	53	55	50(232)
45.9	19.6	56	56	53	53	57	54	54	52(59)	57	53	55	52
		56	53	56	53(127)	54	54	55	55	53	56	53	56(232)
52.5	18.5	59	59	49	49	63	51	56	47(59)	62	47	59	48
		58	46	60	52(128)	50	50	58	58	46	58	52	60(232)

59.1 17.6 62 62 46 46 63 60 47 45(5) 67 42 63 44
 67 42 63 44(90) 47 47 61 61 42 67 44 63(270)
 65.6 16.3 63 63 43 43 69 57 49 40(21) 70 38 65 41
 69 37 66 41(94) 44 44 63 63 37 69 42 66(265)
 72.2 15.2 66 66 41 41 74 54 50 35(30) 74 33 68 37
 71 31 70 40(101) 41 41 65 65 31 71 40 71(258)
 78.7 14.3 68 68 38 38 79 51 51 30(35) 78 29 71 34
 73 26 75 39(106) 39 39 67 67 26 73 39 75(253)
 85.3 13.7 70 70 35 35 85 48 53 25(39) 82 24 75 30
 75 20 79 37(109) 36 36 70 70 20 75 38 79(250)

 HA= 84.0 HI= 29.5 GGW= 68.6 SL= 0.0 MAX(A,B,C,D)= 7.9 6.9 7.4 7.4

Main boom and fixed jib (jib angle 40.0 degrees)
 Length of main boom = 96.5 ft Length of jib = 29.5 ft
 Main boom sequence = 0-0-0-0-90-90 % LK = 28
 Counterweight = 68.6 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.
	1(0)		2(...)		3(90)		6(...)		
	A	B	C	D	A	B	C	D	
39.4 20.7	53	53	56	56	51	57	53	58(59)	52 59 51 57
	54	60	50	55(128)	57	57	52	52	60 54 55 50(232)
45.9 19.8	56	56	53	53	58	54	55	52(59)	57 53 56 52
	56	52	56	53(127)	54	54	55	55	52 56 53 56(232)
52.5 19.2	60	60	49	49	64	50	57	46(59)	63 47 60 48
	58	45	62	52(128)	50	50	59	59	45 58 52 62(232)
59.1 18.5	63	63	45	45	65	60	48	43(12)	68 41 64 43
	68	41	64	43(90)	47	47	62	62	41 68 43 64(270)
65.6 17.9	66	66	42	42	73	55	50	37(28)	73 35 68 39
	71	34	70	41(99)	43	43	65	65	34 71 41 70(260)
72.2 17.4	69	69	39	39	80	52	52	30(35)	79 30 72 35
	74	26	76	39(106)	39	39	68	68	26 74 40 76(253)
78.7 16.8	72	72	35	35	87	49	54	25(39)	84 24 76 31
	76	20	81	38(110)	36	36	71	71	20 75 38 81(249)
85.3 15.9	74	74	33	33	91	46	55	21(42)	88 20 79 27
	78	15	85	37(112)	34	34	73	73	15 77 37 85(247)
91.9 14.8	76	76	31	31	95	46	55	17(41)	91 16 81 24
	79	10	88	35(113)	31	31	75	75	10 78 36 88(246)

 HA= 96.5 HI= 29.5 GGW= 68.6 SL= 0.0 MAX(A,B,C,D)= 8.8 7.3 8.2 8.2

Main boom and fixed jib (jib angle 40.0 degrees)
 Length of main boom = 100.4 ft Length of jib = 29.5 ft
 Main boom sequence = 0-0-0-0-100-100 % LK = 29
 Counterweight = 68.6 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.
	1(0)		2(...)		3(90)		6(...)		
	A	B	C	D	A	B	C	D	
39.4 20.7	53	53	56	56	51	57	53	58(59)	51 59 51 57
	54	60	50	55(128)	57	57	52	52	60 54 55 50(232)

45.9	19.8	56	56	53	53	57	54	55	52(59)	57	53	56	52
		56	52	56	53(127)	54	54	55	55	52	56	53	56(232)
52.5	19.0	59	59	49	49	63	50	56	47(59)	62	47	60	48
		58	46	61	52(128)	50	50	58	58	46	58	52	61(232)
59.1	18.1	62	62	46	46	64	60	47	45(8)	67	42	63	44
		67	42	63	44(90)	47	47	61	61	42	67	44	63(270)
65.6	17.0	64	64	43	43	70	57	49	39(23)	71	37	66	40
		70	36	67	41(96)	44	44	63	63	36	70	42	67(263)
72.2	15.9	66	66	41	41	75	54	50	34(31)	75	33	69	37
		72	30	71	40(102)	41	41	66	66	30	72	40	72(257)
78.7	14.6	68	68	38	38	79	51	52	30(35)	78	29	71	34
		73	26	75	39(106)	39	39	67	67	26	72	39	75(253)
85.3	13.4	69	69	36	36	83	49	52	27(38)	80	26	73	32
		74	22	77	38(108)	37	37	69	69	22	74	38	78(251)
91.9	12.6	71	71	34	34	87	47	53	23(40)	84	22	76	29
		75	18	81	37(110)	35	35	71	71	18	75	37	81(249)
98.4	11.7	73	73	32	32	90	45	54	20(42)	86	19	78	26
		77	14	84	36(112)	32	32	72	72	13	76	36	84(247)

 HA=100.4 HI= 29.5 GGW= 68.6 SL= 0.0 MAX(A,B,C,D)= 8.4 7.0 7.8 7.8

Main boom and fixed jib (jib angle 40.0 degrees)

Length of main boom = 110.2 ft Length of jib = 29.5 ft

Main boom sequence = 0-0-0-45-90-90 % LK = 36

Counterweight = 68.6 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
	1(0)		2(...)		3(90)		6(...)						
	A	B	C	D	A	B	C	D					
39.4	20.9	53	53	56	56	52	57	53	57(59)	52	58	52	56
		54	59	51	55(128)	57	57	52	52	59	54	55	51(232)
45.9	20.1	57	57	52	52	58	53	55	51(59)	58	52	56	52
		56	52	57	53(128)	53	53	56	56	52	56	53	57(232)
52.5	19.4	60	60	49	49	65	50	57	45(59)	64	46	61	47
		58	45	62	52(128)	50	50	59	59	45	58	52	62(232)
59.1	18.7	63	63	45	45	67	59	49	42(16)	69	40	65	43
		69	40	65	43(90)	46	46	62	62	40	69	43	65(270)
65.6	18.3	67	67	41	41	75	55	51	35(30)	75	34	69	38
		72	32	71	41(101)	42	42	66	66	32	72	41	71(258)
72.2	17.6	70	70	38	38	82	52	52	30(36)	80	28	73	34
		75	25	77	39(107)	39	39	69	69	25	74	39	77(252)
78.7	17.2	73	73	35	35	89	48	54	24(40)	86	23	77	29
		77	18	82	38(111)	35	35	72	72	18	76	38	82(248)
85.3	16.5	76	76	32	32	94	47	54	19(40)	90	18	81	26
		79	12	87	36(113)	32	32	75	75	12	78	37	87(246)
91.9	14.6	76	76	31	31	95	46	55	17(41)	91	16	81	24
		79	11	88	35(113)	31	31	75	75	10	78	36	88(246)
98.4	12.8	76	76	30	30	95	45	54	16(41)	91	15	81	23
		82	9	87	32(109)	30	30	75	75	9	81	33	88(250)
105.0	11.2	76	76	29	29	96	44	54	15(41)	91	13	82	22
		82	8	88	32(109)	29	29	75	75	8	81	32	88(250)

 HA=110.2 HI= 29.5 GGW= 68.6 SL= 0.0 MAX(A,B,C,D)= 8.9 7.5 8.2 8.2

 Main boom and fixed jib (jib angle 40.0 degrees)
 Length of main boom = 114.5 ft Length of jib = 29.5 ft
 Main boom sequence = 0-0-0-45-100-100 % LK = 37
 Counterweight = 68.6 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]								(Pos.[Degrees])				0-360 Degr.	
		1(0)				2(...)				3(90)					
		4(...)				5(180)				6(...)					
A	B	C	D	A	B	C	D	A	B	C	D				
39.4	20.9	53	53	56	56	52	57	53	57	(59)	52	58	52	57	
		54	59	51	55(128)	57	57	52	52		59	54	55	51(232)	
45.9	20.1	57	57	52	52	58	54	55	51	(59)	58	52	56	52	
		56	52	57	53(128)	53	53	56	56		52	56	53	57(232)	
52.5	19.4	60	60	49	49	65	50	57	45	(59)	63	46	60	47	
		58	45	62	52(128)	50	50	59	59		45	58	52	62(232)	
59.1	18.5	63	63	45	45	66	59	48	43	(14)	69	41	64	43	
		69	41	64	43(90)	46	46	62	62		41	69	43	64(270)	
65.6	17.6	66	66	42	42	73	56	50	37	(27)	73	35	68	39	
		71	34	69	41(99)	43	43	65	65		34	71	41	70(260)	
72.2	16.5	68	68	39	39	78	53	51	32	(33)	77	31	71	35	
		73	28	74	39(104)	40	40	67	67		28	73	40	74(255)	
78.7	15.7	70	70	37	37	84	50	53	27	(38)	81	26	74	32	
		75	23	78	38(108)	37	37	69	69		22	74	39	78(251)	
85.3	14.6	72	72	34	34	87	48	54	24	(40)	84	23	76	29	
		76	18	81	37(110)	35	35	71	71		18	76	37	81(249)	
91.9	13.4	73	73	32	32	91	45	55	20	(42)	87	19	78	27	
		77	14	84	36(112)	33	33	73	73		14	76	37	84(247)	
98.4	12.8	75	75	30	30	95	45	54	17	(41)	91	15	81	24	
		78	9	88	35(114)	30	30	75	75		9	78	36	88(245)	
105.0	11.2	75	75	29	29	95	45	54	15	(41)	91	14	81	23	
		82	9	87	32(109)	30	30	75	75		8	81	32	88(250)	
111.5	9.9	76	76	28	28	96	43	54	14	(42)	92	12	82	22	
		81	7	88	31(110)	28	28	75	75		7	81	32	88(249)	

 HA=114.5 HI= 29.5 GGW= 68.6 SL= 0.0 MAX(A,B,C,D)= 8.9 7.5 8.2 8.2

Main boom and fixed jib (jib angle 40.0 degrees)
 Length of main boom = 124.3 ft Length of jib = 29.5 ft
 Main boom sequence = 0-0-0-90-90-90 % LK = 45
 Counterweight = 68.6 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]								(Pos.[Degrees])				0-360 Degr.	
		1(0)				2(...)				3(90)					
		4(...)				5(180)				6(...)					
A	B	C	D	A	B	C	D	A	B	C	D				
45.9	20.3	57	57	52	52	59	53	55	51	(59)	59	52	57	51	
		57	51	57	53(128)	53	53	56	56		51	57	53	57(232)	
52.5	19.6	61	61	48	48	66	50	57	45	(59)	64	45	61	47	
		64	45	61	47(90)	49	49	60	60		45	64	47	61(270)	
59.1	19.0	64	64	45	45	68	58	49	41	(19)	70	39	65	42	
		70	39	66	42(91)	46	46	63	63		39	70	42	66(268)	
65.6	18.5	67	67	41	41	77	54	51	34	(31)	76	33	70	37	
		73	31	72	40(102)	42	42	66	66		31	73	41	72(257)	

72.2	18.1	71	71	37	37	84	51	53	28(37)	82	27	74	33
		75	24	78	39(108)	38	38	70	70	23	75	39	78(251)
78.7	17.4	74	74	34	34	90	48	55	23(41)	87	22	78	29
		78	17	83	37(111)	35	35	73	73	17	77	38	84(248)
85.3	16.8	76	76	31	31	95	46	55	18(41)	91	17	82	25
		80	11	88	36(113)	32	32	75	75	11	79	36	88(246)
91.9	14.6	76	76	30	30	95	46	55	17(41)	91	16	82	24
		79	10	88	36(114)	31	31	75	75	10	78	36	88(245)
98.4	12.6	75	75	30	30	95	45	54	16(41)	91	15	81	23
		81	9	87	32(109)	30	30	75	75	9	81	33	87(250)
105.0	11.0	76	76	29	29	95	44	54	15(41)	91	14	82	22
		82	8	88	32(109)	29	29	75	75	8	81	32	88(250)
111.5	9.7	76	76	28	28	96	43	54	14(42)	92	12	82	21
		81	6	88	31(110)	28	28	75	75	6	81	32	89(249)
118.1	8.4	76	76	27	27	97	43	54	13(42)	92	11	82	21
		81	6	89	31(110)	28	28	75	75	5	81	31	89(249)

 HA=124.3 HI= 29.5 GGW= 68.6 SL= 0.0 MAX(A,B,C,D)= 9.0 7.5 8.2 8.3

Main boom and fixed jib (jib angle 40.0 degrees)

Length of main boom = 130.9 ft Length of jib = 29.5 ft

Main boom sequence = 0-0-0-100-100-100 % LK = 46

Counterweight = 68.6 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
	1(0)		2(...)		3(90)		6(...)						
	A	B C D	A B C D	A B C D	A B C D	A B C D							
45.9	20.1	57	57	52	52	59	53	55	51(59)	58	52	56	52
		56	51	57	53(128)	53	53	56	56	51	56	53	57(232)
52.5	19.6	61	61	48	48	66	50	57	45(59)	64	45	61	47
		64	45	61	47(90)	49	49	60	60	45	64	47	61(270)
59.1	19.0	64	64	45	45	68	58	49	41(19)	70	39	65	42
		70	39	65	42(91)	46	46	63	63	39	70	42	66(268)
65.6	18.1	67	67	41	41	75	55	51	35(30)	75	34	69	38
		72	32	71	41(101)	42	42	66	66	32	72	41	71(258)
72.2	17.2	69	69	38	38	81	52	52	30(36)	79	29	73	34
		74	26	76	39(106)	39	39	68	68	26	74	39	76(253)
78.7	16.1	71	71	36	36	86	49	54	26(39)	83	25	75	31
		76	21	80	38(109)	37	37	71	71	21	75	38	80(250)
85.3	15.0	73	73	34	34	90	47	54	22(41)	86	21	78	28
		77	16	83	37(111)	34	34	72	72	16	77	37	83(248)
91.9	14.1	75	75	31	31	93	47	54	18(40)	90	17	80	25
		78	11	87	36(113)	32	32	74	74	11	78	36	87(246)
98.4	12.8	76	76	30	30	95	45	54	16(41)	91	15	82	23
		82	9	88	32(109)	30	30	75	75	9	81	33	88(250)
105.0	11.0	75	75	29	29	95	45	54	15(41)	91	14	81	23
		81	9	87	32(109)	30	30	75	75	8	81	32	88(250)
111.5	9.7	76	76	28	28	96	43	54	14(42)	91	13	82	22
		81	7	88	32(110)	28	28	75	75	7	80	32	88(249)
118.1	8.4	75	75	28	28	96	43	54	13(42)	92	12	82	21
		81	6	88	31(110)	28	28	75	75	6	80	32	88(249)
124.7	7.3	76	76	27	27	97	42	54	12(42)	92	10	82	20
		81	5	89	30(110)	27	27	76	76	4	81	31	89(249)

 HA=130.9 HI= 29.5 GGW= 68.6 SL= 0.0 MAX(A,B,C,D)= 9.0 7.5 8.3 8.3

Main boom and fixed jib (jib angle 40.0 degrees)
 Length of main boom = 138.1 ft Length of jib = 29.5 ft
 Main boom sequence = 0-0-45-90-90-90 % LK = 54
 Counterweight = 68.6 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
	1(0)		2(...)		3(90)		4(...)						
	A	B	C	D	A	B	C	D		A	B	C	D
45.9	20.3	58	58	52	52	60	53	56	50(59)	59	51	57	51
		57	50	58	53(128)	52	52	57	57	50	57	53	58(232)
52.5	19.6	61	61	48	48	67	49	58	44(59)	65	45	62	46
		65	45	62	46(90)	49	49	60	60	45	65	46	62(270)
59.1	19.2	65	65	44	44	71	57	50	40(23)	72	38	67	41
		71	37	67	42(95)	45	45	64	64	37	71	42	68(264)
65.6	18.7	68	68	40	40	79	54	52	33(33)	78	32	71	36
		74	29	74	40(104)	41	41	67	67	29	73	40	74(255)
72.2	18.3	72	72	36	36	86	50	54	26(39)	84	26	76	32
		76	21	80	38(109)	37	37	71	71	21	76	39	80(250)
78.7	17.9	75	75	33	33	93	47	56	20(42)	89	19	80	27
		79	14	86	37(112)	34	34	74	74	14	78	37	86(247)
85.3	16.1	76	76	31	31	95	46	55	18(41)	91	17	82	25
		80	11	88	36(113)	32	32	75	75	11	79	36	88(246)
91.9	14.1	76	76	30	30	95	45	55	17(41)	91	15	82	24
		79	9	89	35(114)	31	31	75	75	9	78	36	89(245)
98.4	12.1	76	76	29	29	95	45	54	16(41)	91	14	82	23
		82	9	87	32(109)	30	30	75	75	9	81	33	88(250)
105.0	10.6	76	76	28	28	96	44	54	15(41)	92	13	82	22
		82	7	88	31(109)	29	29	75	75	7	81	32	88(250)
111.5	9.3	76	76	28	28	97	43	54	13(42)	92	12	82	21
		82	6	89	31(110)	28	28	76	76	6	81	32	89(249)
118.1	7.9	76	76	27	27	97	42	54	12(42)	92	11	82	20
		82	5	89	30(110)	27	27	76	76	5	81	31	89(249)
124.7	6.8	76	76	26	26	98	42	54	11(42)	93	9	83	19
		82	4	90	30(110)	26	26	76	76	3	81	30	90(249)
131.2	6.0	77	77	25	25	99	40	54	10(43)	94	8	84	18
		82	2	91	29(111)	25	25	77	77	1	81	30	91(248)

 HA=138.1 HI= 29.5 GGW= 68.6 SL= 0.0 MAX(A,B,C,D)= 9.2 7.6 8.4 8.5

Main boom and fixed jib (jib angle 40.0 degrees)
 Length of main boom = 145.0 ft Length of jib = 29.5 ft
 Main boom sequence = 0-0-45-100-100-100 % LK = 55
 Counterweight = 68.6 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
	1(0)		2(...)		3(90)		4(...)						
	A	B	C	D	A	B	C	D		A	B	C	D
52.5	19.6	61	61	48	48	67	49	58	44(59)	65	45	62	46
		65	45	62	46(90)	49	49	60	60	45	65	46	62(270)

59.1	19.0	64	64	44	44	70	58	49	40(21)	71	38	66	41
		70	38	67	42(94)	45	45	63	63	38	70	42	67(265)
65.6	18.3	68	68	41	41	77	54	51	34(32)	77	33	70	37
		73	30	73	40(103)	41	41	67	67	30	73	41	73(256)
72.2	17.4	70	70	37	37	83	51	53	28(37)	81	27	74	33
		75	24	78	39(108)	38	38	69	69	24	75	39	78(251)
78.7	16.5	73	73	34	34	89	48	54	23(40)	86	22	77	29
		77	18	82	37(111)	35	35	72	72	18	76	38	83(248)
85.3	15.7	75	75	32	32	93	47	54	19(40)	90	18	80	26
		78	12	87	36(113)	32	32	74	74	12	78	37	87(246)
91.9	14.1	76	76	30	30	95	45	55	17(41)	91	15	82	24
		79	9	88	35(114)	31	31	75	75	9	78	36	88(245)
98.4	12.1	75	75	30	30	95	45	54	16(41)	91	15	81	23
		81	9	87	32(109)	30	30	75	75	9	81	33	87(250)
105.0	10.6	76	76	29	29	95	44	54	15(41)	91	13	82	22
		82	8	88	31(109)	29	29	75	75	8	81	32	88(250)
111.5	9.3	76	76	28	28	96	43	54	14(42)	92	12	82	21
		81	6	88	31(110)	28	28	75	75	6	81	32	89(249)
118.1	7.9	76	76	27	27	97	42	54	13(42)	92	11	82	21
		81	5	89	31(110)	28	28	75	75	5	81	31	89(249)
124.7	6.8	76	76	26	26	97	42	54	12(42)	93	10	82	20
		82	4	89	30(110)	27	27	76	76	4	81	31	89(249)
131.2	6.0	76	76	26	26	99	41	54	10(43)	93	8	83	19
		82	2	90	30(111)	26	26	76	76	2	81	30	90(248)

 HA=145.0 HI= 29.5 GGW= 68.6 SL= 0.0 MAX(A,B,C,D)= 9.2 7.5 8.4 8.4

Main boom and fixed jib (jib angle 40.0 degrees)
 Length of main boom = 152.2 ft Length of jib = 29.5 ft
 Main boom sequence = 0-0-90-90-90-90 % LK = 62
 Counterweight = 68.6 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
	1(0)		2(...)		3(90)		6(...)						
	A	B	C	D	A	B	C	D	A	B	C	D	
52.5	19.8	62	62	47	47	62	62	47	47(0)	67	43	63	45
		67	43	63	45(90)	48	48	61	61	43	67	45	63(270)
59.1	19.2	65	65	43	43	72	57	50	39(25)	73	37	67	40
		71	36	69	42(97)	44	44	64	64	36	71	42	69(262)
65.6	18.7	69	69	39	39	80	53	52	32(34)	79	31	72	35
		74	28	75	40(105)	40	40	68	68	28	74	40	75(254)
72.2	18.3	73	73	36	36	88	49	55	25(40)	85	24	77	31
		77	20	81	38(110)	37	37	72	72	20	76	39	82(249)
78.7	18.1	76	76	32	32	95	48	55	19(40)	91	18	82	26
		80	12	88	36(113)	33	33	75	75	12	79	37	88(246)
85.3	15.9	77	77	30	30	96	46	55	17(41)	92	16	82	24
		79	10	89	36(114)	31	31	76	76	10	79	36	89(245)
91.9	13.7	76	76	30	30	96	45	54	16(41)	92	15	82	23
		82	9	88	32(109)	30	30	75	75	9	82	33	88(250)
98.4	11.7	76	76	29	29	95	45	54	15(41)	91	14	82	23
		82	9	88	32(109)	30	30	75	75	8	81	32	88(250)
105.0	10.1	76	76	28	28	96	43	54	14(42)	92	13	82	22
		81	7	88	32(110)	29	29	75	75	7	81	32	88(249)

111.5	8.8	76	76	27	27	97	43	54	13(42)	92	11	82	21
	82	6	89	31(110)		28	28	76	76	5	81	31	89(249)
118.1	7.5	76	76	27	27	97	42	54	12(42)	93	10	82	20
	82	4	89	30(110)		27	27	76	76	4	81	31	89(249)
124.7	6.4	76	76	26	26	98	42	54	11(42)	93	9	83	19
	82	3	90	30(110)		26	26	76	76	3	81	30	90(249)
131.2	5.5	77	77	25	25	99	40	54	9(43)	94	8	84	18
	82	1	91	29(111)		25	25	77	77	1	81	30	91(248)
137.8	4.4	76	76	25	25	99	40	54	9(43)	94	7	84	18
	82	1	91	29(111)		25	25	76	76	1	81	30	91(248)

HA=152.2 HI= 29.5 GGW= 68.6 SL= 0.0 MAX(A,B,C,D)= 9.2 7.6 8.4 8.5

Main boom and fixed jib (jib angle 40.0 degrees)

Length of main boom = 161.4 ft Length of jib = 29.5 ft

Main boom sequence = 0-0-100-100-100-100 % LK = 63

Counterweight = 68.6 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
	1(0)		2(...)		3(90)		6(...)						
	A	B	C	D	A	B	C	D					
59.1	19.2	65	65	43	43	72	57	50	39(25)	73	37	67	40
		71	36	69	42(97)	44	44	64	64	36	71	42	69(262)
65.6	18.3	68	68	40	40	79	54	52	32(33)	78	31	71	36
		74	29	74	40(104)	41	41	67	67	29	73	40	74(255)
72.2	17.4	71	71	37	37	85	50	53	27(38)	82	26	75	32
		76	22	79	39(109)	37	37	70	70	22	75	39	79(250)
78.7	16.5	74	74	34	34	91	47	55	22(41)	87	21	78	28
		77	16	84	37(112)	34	34	73	73	16	77	38	84(247)
85.3	15.7	76	76	31	31	95	46	55	18(41)	91	16	82	24
		80	11	88	35(113)	32	32	75	75	11	79	36	88(246)
91.9	13.7	76	76	30	30	96	45	55	16(41)	92	15	82	23
		82	9	88	32(109)	30	30	75	75	9	82	33	88(250)
98.4	11.7	76	76	29	29	95	45	54	15(41)	91	14	82	23
		82	9	88	32(109)	30	30	75	75	8	81	32	88(250)
105.0	10.1	76	76	28	28	96	43	54	14(42)	92	13	82	22
		81	7	88	32(110)	29	29	75	75	7	81	32	88(249)
111.5	8.8	76	76	28	28	97	43	54	13(42)	92	11	82	21
		82	6	89	31(110)	28	28	76	76	5	81	31	89(249)
118.1	7.5	76	76	27	27	97	42	54	12(42)	92	10	82	20
		82	5	89	30(110)	27	27	76	76	4	81	31	89(249)
124.7	6.4	76	76	26	26	98	42	54	11(42)	93	9	83	19
		82	3	90	30(110)	26	26	76	76	3	81	30	90(249)
131.2	5.5	77	77	25	25	99	40	54	10(43)	94	8	84	18
		82	2	91	29(111)	25	25	77	77	1	81	30	91(248)
137.8	4.4	76	76	25	25	99	40	54	9(43)	94	7	83	18
		82	1	90	29(111)	25	25	76	76	1	81	30	91(248)
144.4	3.5	76	76	24	24	99	39	54	9(43)	94	7	84	17
		82	0	91	29(111)	24	24	76	76	0	81	29	91(248)
150.9	2.6	76	76	24	24	99	39	54	8(43)	94	6	84	17
		81	0	91	28(111)	24	24	76	76	0	80	28	91(248)

HA=161.4 HI= 29.5 GGW= 68.6 SL= 0.0 MAX(A,B,C,D)= 9.2 7.6 8.5 8.5

 Main boom and fixed jib (jib angle 40.0 degrees)
 Length of main boom = 166.0 ft Length of jib = 29.5 ft
 Main boom sequence = 0-45-90-90-90-90 % LK = 68
 Counterweight = 68.6 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]								(Pos.[Degrees])	0-360 Degr.				
		1(0)				2(...)						3(90)			
		4(...)				5(180)						6(...)			
A	B	C	D	A	B	C	D	A	B	C	D				
59.1	19.2	66	66	43	43	74	56	51	37(28)	74	36	68	39		
		72	34	70	41(99)	43	43	65	65	34	72	41	70(260)		
65.6	19.0	70	70	38	38	82	52	53	30(36)	81	29	74	34		
		75	25	77	39(107)	39	39	69	69	25	75	40	77(252)		
72.2	18.5	74	74	34	34	90	48	55	23(41)	87	22	78	29		
		78	17	84	37(111)	35	35	73	73	17	77	38	84(248)		
78.7	17.6	77	77	31	31	96	47	55	18(41)	92	17	82	25		
		80	11	89	36(114)	32	32	76	76	11	79	37	89(245)		
85.3	15.2	77	77	30	30	96	46	55	17(41)	92	15	82	24		
		79	9	89	35(114)	31	31	76	76	9	79	36	89(245)		
91.9	13.0	76	76	29	29	96	45	54	15(41)	92	14	82	23		
		82	9	88	32(109)	30	30	76	76	9	82	33	88(250)		
98.4	11.0	76	76	29	29	96	44	54	15(41)	92	13	82	22		
		82	8	88	31(109)	29	29	75	75	8	81	32	88(250)		
105.0	9.5	76	76	28	28	97	43	54	13(42)	92	12	82	21		
		82	6	89	31(110)	28	28	76	76	6	81	32	89(249)		
111.5	8.2	76	76	27	27	97	42	54	12(42)	93	10	83	20		
		82	5	89	30(110)	27	27	76	76	4	81	31	90(249)		
118.1	6.8	76	76	26	26	98	42	54	11(42)	93	9	83	19		
		82	4	90	30(110)	26	26	76	76	3	81	30	90(249)		
124.7	5.7	76	76	26	26	99	40	54	10(43)	93	8	83	18		
		82	2	90	30(111)	26	26	76	76	2	81	30	90(248)		
131.2	4.6	76	76	25	25	99	40	54	9(43)	94	7	84	18		
		82	1	90	29(111)	25	25	76	76	1	81	30	91(248)		
137.8	3.5	76	76	25	25	99	40	54	9(43)	93	7	83	18		
		81	1	90	29(111)	25	25	76	76	1	81	30	90(248)		
144.4	2.6	76	76	24	24	99	39	54	8(43)	94	6	84	17		
		81	0	91	28(111)	24	24	76	76	0	81	29	91(248)		

 HA=166.0 HI= 29.5 GGW= 68.6 SL= 0.0 MAX(A,B,C,D)= 9.2 7.6 8.4 8.5

Main boom and fixed jib (jib angle 40.0 degrees)
 Length of main boom = 175.5 ft Length of jib = 29.5 ft
 Main boom sequence = 0-45-100-100-100-100 % LK = 69
 Counterweight = 68.6 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]								(Pos.[Degrees])	0-360 Degr.				
		1(0)				2(...)						3(90)			
		4(...)				5(180)						6(...)			
A	B	C	D	A	B	C	D	A	B	C	D				
59.1	19.2	66	66	43	43	74	56	50	37(27)	74	36	68	39		
		72	34	70	41(99)	43	43	65	65	34	72	41	70(260)		
65.6	18.3	69	69	39	39	81	52	52	31(35)	79	30	73	35		
		74	27	76	40(106)	40	40	68	68	27	74	40	76(253)		

72.2	17.6	73	73	35	35	88	49	54	25(40)	85	24	77	30
		77	20	82	38(110)	36	36	72	72	19	76	38	82(249)
78.7	17.0	76	76	32	32	94	47	55	19(40)	90	18	81	26
		79	13	87	36(113)	33	33	75	75	13	78	37	87(246)
85.3	15.2	77	77	30	30	96	46	55	17(41)	92	15	82	24
		79	9	89	35(114)	31	31	76	76	9	79	36	89(245)
91.9	13.0	76	76	29	29	96	45	54	16(41)	92	14	82	23
		82	9	88	32(109)	30	30	76	76	9	82	33	88(250)
98.4	11.2	76	76	28	28	97	43	55	14(42)	92	13	82	22
		82	7	89	32(110)	29	29	76	76	7	81	32	89(249)
105.0	9.5	76	76	28	28	97	43	54	14(42)	92	12	82	21
		82	6	88	31(110)	28	28	75	75	6	81	32	89(249)
111.5	8.2	76	76	27	27	97	42	54	12(42)	93	11	83	20
		82	5	89	30(110)	27	27	76	76	5	81	31	89(249)
118.1	7.1	77	77	26	26	98	42	54	11(42)	94	9	84	19
		82	3	90	30(110)	26	26	76	76	3	82	30	90(249)
124.7	5.7	76	76	26	26	98	41	54	10(43)	93	9	83	19
		82	2	90	30(111)	26	26	76	76	2	81	30	90(248)
131.2	4.6	76	76	25	25	99	40	54	10(43)	93	8	83	18
		82	2	90	29(111)	25	25	76	76	1	81	30	90(248)
137.8	3.5	76	76	25	25	98	40	54	9(43)	93	7	83	18
		81	1	90	29(111)	25	25	76	76	1	80	30	90(248)
144.4	2.6	76	76	24	24	99	39	54	9(43)	93	7	83	17
		81	0	90	29(111)	24	24	76	76	0	81	29	91(248)

 HA=175.5 HI= 29.5 GGW= 68.6 SL= 0.0 MAX(A,B,C,D)= 9.2 7.6 8.4 8.4

Main boom and fixed jib (jib angle 40.0 degrees)
 Length of main boom = 180.1 ft Length of jib = 29.5 ft
 Main boom sequence = 0-90-90-90-90-90 % LK = 73
 Counterweight = 68.6 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
	1(0)		2(...)		3(90)		6(...)						
	A	B	C	D	A	B	C	D	A	B	C	D	
59.1	19.4	67	67	42	42	76	55	51	35(30)	76	34	70	38
		73	32	72	41(102)	43	43	66	66	32	72	41	72(257)
65.6	19.0	71	71	37	37	84	51	54	28(38)	82	27	75	33
		76	24	79	39(108)	38	38	70	70	24	75	39	79(251)
72.2	18.5	75	75	34	34	92	47	56	21(42)	89	21	80	28
		78	15	85	37(112)	34	34	74	74	15	78	38	85(247)
78.7	17.2	77	77	31	31	97	46	55	17(41)	93	16	82	24
		80	10	89	36(114)	32	32	76	76	10	79	37	90(245)
85.3	14.6	77	77	30	30	96	45	55	16(41)	92	15	82	23
		82	9	88	32(109)	30	30	76	76	9	82	33	88(250)
91.9	12.3	76	76	29	29	96	45	54	15(41)	92	14	82	22
		82	8	88	32(109)	30	30	76	76	8	82	32	88(250)
98.4	10.6	76	76	28	28	97	43	55	14(42)	92	12	82	21
		82	6	89	31(110)	28	28	76	76	6	81	32	89(249)
105.0	9.0	76	76	27	27	98	43	54	13(42)	93	11	83	20
		82	5	90	31(110)	28	28	76	76	5	82	31	90(249)
111.5	7.5	76	76	27	27	98	42	54	12(42)	93	10	83	20
		82	4	90	30(110)	27	27	76	76	4	81	31	90(249)

118.1	6.4	77	77	26	26	99	41	55	10(43)	94	8	84	18
		82	2	91	30(111)	26	26	77	77	2	81	30	91(248)
124.7	5.1	76	76	25	25	99	40	54	10(43)	94	8	84	18
		82	2	90	29(111)	25	25	76	76	1	81	30	91(248)
131.2	4.0	76	76	25	25	99	40	54	9(43)	94	7	84	17
		82	1	91	29(111)	25	25	76	76	0	81	30	91(248)
137.8	2.9	76	76	24	24	99	39	54	9(43)	94	7	83	17
		81	0	90	29(111)	24	24	76	76	0	81	29	91(248)

 HA=180.1 HI= 29.5 GGW= 68.6 SL= 0.0 MAX(A,B,C,D)= 9.2 7.6 8.4 8.4

Main boom and fixed jib (jib angle 40.0 degrees)
 Length of main boom = 191.9 ft Length of jib = 29.5 ft
 Main boom sequence = 0-100-100-100-100-100 % LK = 74
 Counterweight = 68.6 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
	1(0)				2(...)								
	3(90)				4(...)								
	A	B	C	D	A	B	C	D	A	B	C	D	
65.6	18.3	70	70	38	38	83	51	53	29(37)	81	28	74	34
		75	25	77	39(107)	39	39	69	69	25	75	39	78(252)
72.2	17.6	74	74	34	34	90	48	55	23(41)	87	22	78	29
		78	17	83	37(111)	35	35	73	73	17	77	38	83(248)
78.7	17.0	77	77	31	31	96	46	55	17(41)	92	16	82	24
		80	10	89	36(114)	32	32	76	76	10	79	37	89(245)
85.3	14.6	77	77	30	30	96	45	55	16(41)	92	15	82	23
		83	9	88	32(109)	30	30	76	76	9	82	33	88(250)
91.9	12.3	76	76	29	29	96	45	54	15(41)	92	14	82	22
		82	8	88	32(109)	30	30	76	76	8	82	32	88(250)
98.4	10.6	76	76	28	28	97	43	55	14(42)	93	12	83	21
		82	6	89	31(110)	28	28	76	76	6	81	32	89(249)
105.0	8.8	76	76	27	27	97	43	54	13(42)	92	11	82	21
		82	6	89	31(110)	28	28	76	76	5	81	31	89(249)
111.5	7.3	76	76	27	27	97	42	54	12(42)	92	11	82	20
		82	5	89	30(110)	27	27	76	76	4	81	31	89(249)
118.1	6.0	76	76	26	26	97	42	54	11(42)	93	10	82	19
		82	4	89	30(110)	26	26	76	76	4	81	30	89(249)
124.7	4.9	76	76	26	26	98	41	54	10(42)	93	8	83	19
		82	2	90	29(110)	26	26	76	76	2	81	30	90(249)
131.2	3.7	76	76	25	25	98	40	54	10(43)	93	8	83	18
		81	1	90	29(111)	25	25	76	76	1	80	30	90(248)
137.8	2.9	76	76	24	24	99	39	54	9(43)	94	7	84	17
		82	0	91	29(111)	24	24	76	76	0	81	29	91(248)

 HA=191.9 HI= 29.5 GGW= 68.6 SL= 0.0 MAX(A,B,C,D)= 9.2 7.6 8.4 8.4

Main boom and fixed jib (jib angle 40.0 degrees)
 Length of main boom = 193.9 ft Length of jib = 29.5 ft
 Main boom sequence = 45-90-90-90-90-90 % LK = 76
 Counterweight = 68.6 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.
	1(0)				2(...)				
	3(90)				4(...)				

	4(...)				5(180)				6(...)				
	A	B	C	D	A	B	C	D	A	B	C	D	
65.6	19.0	72	72	36	36	87	50	54	26(39)	84	25	76	31
		76	21	81	39(110)	37	37	71	71	21	76	39	81(249)
72.2	18.5	76	76	32	32	95	46	57	19(43)	91	19	81	26
		80	13	88	37(113)	33	33	75	75	13	79	37	88(246)
78.7	15.7	76	76	31	31	95	46	55	18(41)	91	17	81	25
		79	11	88	36(113)	32	32	75	75	11	79	36	88(246)
85.3	13.2	76	76	30	30	95	45	54	17(41)	91	15	81	24
		78	9	88	35(114)	31	31	75	75	9	78	36	88(245)
91.9	11.2	76	76	29	29	96	45	54	15(41)	91	14	82	22
		82	8	88	32(109)	29	29	75	75	8	81	32	88(250)
98.4	9.3	75	75	28	28	95	44	54	14(41)	91	13	82	22
		82	7	88	31(109)	29	29	75	75	7	81	32	88(250)
105.0	7.7	75	75	27	27	96	42	54	13(42)	92	11	82	21
		81	6	88	31(110)	28	28	75	75	5	80	31	89(249)
111.5	6.2	75	75	27	27	96	42	54	12(42)	92	11	82	20
		81	5	88	30(110)	27	27	75	75	5	80	31	89(249)
118.1	4.9	75	75	26	26	97	41	54	11(42)	92	9	82	19
		81	4	89	30(110)	26	26	75	75	4	80	30	89(249)
124.7	3.7	75	75	26	26	97	41	53	11(42)	92	8	82	19
		81	2	89	29(110)	25	25	75	75	2	81	30	89(249)
131.2	2.6	75	75	25	25	97	40	54	10(43)	93	8	83	18
		81	1	90	29(111)	25	25	75	75	1	80	30	90(248)

 HA=193.9 HI= 29.5 GGW= 68.6 SL= 0.0 MAX(A,B,C,D)= 9.1 7.6 8.3 8.3

Main boom and fixed jib (jib angle 40.0 degrees)
 Length of main boom = 205.7 ft Length of jib = 29.5 ft
 Main boom sequence = 45-100-100-100-100-100 % LK = 77
 Counterweight = 68.6 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
	1(0)				2(...)								
	3(90)				4(...)								
	A	B	C	D	A	B	C	D	A	B	C	D	
72.2	17.4	75	75	33	33	92	47	56	21(42)	88	21	79	28
		78	15	85	37(112)	34	34	74	74	15	78	38	85(247)
78.7	15.2	75	75	32	32	93	47	54	19(40)	90	18	80	26
		78	12	87	36(113)	32	32	74	74	12	78	37	87(246)
85.3	12.8	75	75	31	31	93	46	54	18(40)	90	16	80	24
		78	11	87	35(113)	31	31	74	74	11	78	36	87(246)
91.9	10.8	75	75	30	30	94	45	54	16(41)	90	15	81	23
		81	9	87	32(109)	30	30	75	75	9	80	33	87(250)
98.4	9.0	75	75	29	29	95	44	54	15(41)	91	13	81	22
		81	8	87	31(109)	29	29	75	75	8	80	32	87(250)
105.0	7.3	75	75	28	28	94	43	53	14(41)	90	13	81	22
		81	7	87	31(109)	28	28	74	74	7	80	31	87(250)
111.5	6.0	75	75	27	27	95	42	54	13(42)	91	11	81	21
		80	6	88	31(110)	27	27	75	75	5	80	31	88(249)
118.1	4.6	75	75	27	27	95	41	53	12(42)	91	10	81	20
		80	5	88	30(110)	27	27	75	75	4	80	31	88(249)
124.7	3.5	75	75	26	26	96	41	53	11(42)	91	9	82	19
		81	3	88	29(110)	26	26	75	75	3	80	30	88(249)

131.2 2.4 75 75 26 26 96 41 53 11(42) 91 9 82 19
 81 3 88 29(110) 25 25 75 75 2 80 30 89(249)

HA=205.7 HI= 29.5 GGW= 68.6 SL= 0.0 MAX(A,B,C,D)= 8.9 7.5 8.2 8.2

Main boom and fixed jib (jib angle 40.0 degrees)

Length of main boom = 208.0 ft Length of jib = 29.5 ft
 Main boom sequence = 90-90-90-90-90-90 % LK = 78
 Counterweight = 68.6 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
	1(0)				2(...)					3(90)			
	4(...)				5(180)					6(...)			
A	B	C	D	A	B	C	D	A	B	C	D		
72.2	16.8	75	75	33	33	92	46	56	21(42)	88	20	79	27
		78	15	85	37(112)	34	34	74	74	15	78	37	85(247)
78.7	14.1	75	75	32	32	92	47	54	19(40)	89	18	80	26
		78	13	86	36(113)	32	32	74	74	12	77	37	86(246)
85.3	11.7	74	74	31	31	93	46	53	18(40)	89	17	80	25
		78	11	86	35(113)	31	31	74	74	11	77	36	86(246)
91.9	9.7	74	74	30	30	93	45	54	17(41)	89	15	80	23
		78	9	87	34(113)	30	30	74	74	9	77	35	87(246)
98.4	7.7	74	74	29	29	93	44	53	16(41)	89	14	80	23
		80	9	86	32(109)	29	29	74	74	9	79	32	86(250)
105.0	6.2	74	74	28	28	93	43	53	15(41)	90	13	80	22
		80	7	86	31(109)	28	28	74	74	7	79	31	86(250)
111.5	4.9	74	74	27	27	94	43	53	13(41)	90	11	81	21
		80	6	87	30(109)	27	27	74	74	6	80	31	87(250)
118.1	3.5	74	74	27	27	95	41	53	13(42)	90	11	81	20
		80	5	87	30(110)	27	27	74	74	5	79	31	87(249)
124.7	2.4	74	74	26	26	95	41	53	11(42)	91	9	81	19
		80	4	88	29(110)	26	26	74	74	4	79	30	88(249)

HA=208.0 HI= 29.5 GGW= 68.6 SL= 0.0 MAX(A,B,C,D)= 8.8 7.4 8.1 8.2

Main boom and fixed jib (jib angle 40.0 degrees)

Length of main boom = 222.4 ft Length of jib = 29.5 ft
 Main boom sequence = 100-100-100-100-100-100 % LK = 79
 Counterweight = 68.6 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
	1(0)				2(...)					3(90)			
	4(...)				5(180)					6(...)			
A	B	C	D	A	B	C	D	A	B	C	D		
78.7	13.4	74	74	32	32	91	45	55	20(42)	88	19	79	26
		77	14	84	36(112)	33	33	73	73	14	77	37	85(247)
85.3	11.0	73	73	31	31	91	46	53	19(40)	87	18	79	26
		77	12	84	35(112)	32	32	73	73	12	77	36	85(247)
91.9	9.0	73	73	30	30	91	45	53	18(40)	88	16	79	24
		77	11	85	35(113)	31	31	73	73	11	76	35	85(246)
98.4	7.3	73	73	30	30	92	45	52	17(40)	88	15	79	23
		77	9	85	34(113)	30	30	73	73	9	76	35	86(246)
105.0	5.7	73	73	29	29	92	43	53	15(41)	88	14	79	22
		79	8	85	31(109)	29	29	73	73	8	78	32	85(250)

111.5 4.4 73 73 28 28 93 43 53 14(41) 89 12 80 21
 79 7 86 30(109) 28 28 73 73 7 79 31 86(250)
 118.1 3.1 73 73 27 27 93 42 52 14(41) 89 11 80 21
 79 6 86 30(109) 27 27 73 73 6 79 30 86(250)

 HA=222.4 HI= 29.5 GGW= 68.6 SL= 0.0 MAX(A,B,C,D)= 8.6 7.3 8.0 8.0

Programm L A M O S 9 9 Version 1.08 vom 29.09.02
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Festdatei : /berechnung/tabellen/zentraledaten/lamosfd-ac/200-1.99dat

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H

DEMAG Mobile Cranes

O U T R I G G E R - L O A D I N G S

(Variance = +-10%)

PSI= 1.00

Crane : *** AC 200-1 *** mit HKHI fuer GA und MS

 Outrigger width = 18.7 ft Outrigger length = 27.7 ft
 Outrigger "A" X = 12.0 ft Outrigger "A" Y = 9.4 ft
 Outrigger "B" X = 12.0 ft Outrigger "B" Y = -9.4 ft
 Outrigger "C" X = -15.7 ft Outrigger "C" Y = 9.4 ft
 Outrigger "D" X = -15.7 ft Outrigger "D" Y = -9.4 ft

Main boom and fixed jib (jib angle 0.0 degrees)
 Length of main boom = 40.7 ft Length of jib = 29.5 ft
 Main boom sequence = 0-0-0-0-0-0 % LK = 1
 Counterweight = 55.8 kip

Radius Cap. [ft]	Outrigger Loadin[kip]	(Pos.[Degrees])				0-360 Degr.		
		1(0)		2(...)			3(90)	
		4(...)	5(180)	6(...)				
A B C D	A B C D	A B C D	A B C D					
9.8	39.7	47 47 65 65	37 66 50 72(59)	40 74 43 68				
		50 77 39 59(128)	67 67 45 45	77 50 59 39(232)				
11.5	39.7	49 49 64 64	40 65 50 69(59)	43 71 45 66				
		51 73 42 59(128)	65 65 47 47	73 51 59 42(232)				
13.1	39.7	50 50 62 62	44 63 51 66(59)	45 68 47 64				
		52 70 44 58(128)	64 64 49 49	70 52 58 44(232)				
14.8	39.7	52 52 61 61	47 62 52 64(59)	48 65 49 62				
		53 67 47 58(128)	62 62 50 50	67 53 58 47(232)				
16.4	39.7	53 53 59 59	50 60 53 61(59)	51 63 51 60				
		54 64 50 57(128)	60 60 52 52	64 54 57 50(232)				
19.7	39.7	57 57 56 56	56 57 55 56(59)	56 57 55 56				
		57 57 55 56(127)	57 57 55 55	57 57 56 55(232)				
23.0	39.7	60 60 52 52	63 54 57 50(59)	62 52 59 52				
		59 51 60 54(128)	54 54 58 58	51 59 54 60(232)				
26.2	38.6	62 62 49 49	68 51 59 46(59)	66 47 63 48				
		66 47 63 48(90)	51 51 61 61	47 66 48 63(270)				
29.5	35.3	63 63 47 47	64 62 48 46(5)	68 43 64 45				
		68 43 64 45(90)	48 48 62 62	43 68 45 64(270)				

32.8	31.7	63	63	45	45	66	60	48	43(13)	69	41	64	43
		69	41	64	43(90)	47	47	62	62	41	69	43	64(270)
39.4	27.1	64	64	42	42	70	55	49	37(25)	71	35	66	39
		70	34	67	41(97)	43	43	63	63	34	69	41	68(262)
45.9	23.4	65	65	39	39	74	52	49	33(31)	73	31	68	36
		70	29	70	39(102)	40	40	64	64	29	70	39	70(257)
52.5	20.7	66	66	37	37	78	49	50	28(35)	76	27	70	32
		71	24	74	37(106)	37	37	66	66	23	71	37	74(253)
59.1	18.1	67	67	34	34	80	47	51	25(38)	78	23	72	30
		72	20	76	36(108)	34	34	67	67	19	71	36	76(251)

HA= 40.7 HI= 29.5 GGW= 55.8 SL= 0.0 MAX(A,B,C,D)= 7.5 7.1 7.0 7.0

Main boom and fixed jib (jib angle 0.0 degrees)

Length of main boom = 54.5 ft Length of jib = 29.5 ft

Main boom sequence = 0-0-0-0-0-45 % LK = 7

Counterweight = 55.8 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
	1(0)		2(...)		3(90)		6(...)						
	4(...)		5(180)		A B C D		A B C D						
9.8	39.7	47	47	66	66	37	67	49	72(59)	39	74	42	69
		50	77	39	60(128)	67	67	45	45	77	50	60	39(232)
11.5	39.7	48	48	64	64	40	65	50	70(59)	42	72	44	67
		51	74	41	59(128)	66	66	47	47	74	51	59	41(232)
13.1	39.7	50	50	63	63	43	63	51	67(59)	45	69	46	65
		52	71	44	58(128)	64	64	48	48	71	52	58	44(232)
14.8	39.7	51	51	61	61	46	62	52	64(59)	48	66	48	63
		53	68	46	58(128)	62	62	50	50	68	53	58	46(232)
16.4	39.7	53	53	59	59	49	61	53	62(59)	50	63	50	60
		54	65	49	57(128)	61	61	51	51	65	54	57	49(232)
19.7	39.7	56	56	56	56	56	58	55	57(59)	56	58	54	56
		56	58	54	56(127)	58	58	55	55	58	56	56	54(232)
23.0	39.7	59	59	53	53	62	55	57	51(59)	61	53	59	52
		59	52	60	54(128)	54	54	58	58	52	59	54	60(232)
26.2	39.7	63	63	50	50	68	52	59	46(59)	66	47	63	48
		66	47	63	48(90)	51	51	61	61	47	66	48	63(270)
29.5	39.7	66	66	47	47	70	61	50	44(17)	72	42	67	44
		72	42	67	44(90)	48	48	64	64	42	72	44	67(269)
32.8	37.3	67	67	44	44	73	58	51	39(25)	74	38	69	41
		73	37	70	43(97)	46	46	65	65	37	73	43	70(262)
39.4	32.2	68	68	41	41	78	54	52	34(32)	77	33	71	37
		73	30	73	40(103)	41	41	67	67	30	73	41	73(256)
45.9	27.8	69	69	38	38	81	51	52	29(36)	79	28	72	34
		73	25	76	39(107)	38	38	68	68	25	73	39	76(252)
52.5	24.9	70	70	35	35	85	48	53	25(39)	82	23	75	30
		75	19	79	37(109)	35	35	70	70	19	74	37	79(250)
59.1	22.0	71	71	33	33	87	45	53	21(41)	84	20	76	27
		75	15	81	36(111)	33	33	71	71	15	75	36	81(248)
65.6	20.1	72	72	30	30	90	45	52	18(40)	87	16	78	24
		76	11	84	35(113)	30	30	72	72	10	75	35	84(246)
72.2	17.6	73	73	29	29	91	43	52	15(41)	88	13	79	22
		78	8	84	31(109)	28	28	73	73	8	78	32	85(250)

 HA= 54.5 HI= 29.5 GGW= 55.8 SL= 0.0 MAX(A,B,C,D)= 8.5 7.2 7.8 7.9

Main boom and fixed jib (jib angle 0.0 degrees)
 Length of main boom = 68.6 ft Length of jib = 29.5 ft
 Main boom sequence = 0-0-0-0-0-90 % LK = 13
 Counterweight = 55.8 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]								(Pos.[Degrees])				0-360 Degr.
		1(0)		2(...)				3(90)						
		4(...)		5(180)				6(...)						
A	B	C	D	A	B	C	D	A	B	C	D			
13.1	39.7	50	50	63	63	42	64	51	67(59)	45	69	46	65	
		52	71	43	58(128)	64	64	48	48	71	52	58	43(232)	
14.8	39.7	51	51	61	61	45	62	52	65(59)	47	67	48	63	
		53	68	46	58(128)	63	63	50	50	68	53	58	46(232)	
16.4	39.7	53	53	60	60	49	61	53	62(59)	50	64	50	61	
		54	65	49	57(128)	61	61	51	51	65	54	57	49(232)	
19.7	39.7	56	56	56	56	55	58	55	57(59)	55	59	54	57	
		56	59	54	56(127)	58	58	54	54	59	56	56	54(232)	
23.0	39.7	59	59	53	53	61	55	57	52(59)	60	53	58	53	
		58	53	59	55(128)	55	55	58	58	53	58	55	59(232)	
26.2	38.4	61	61	50	50	65	52	58	48(59)	64	49	61	49	
		60	48	63	53(128)	52	52	60	60	48	60	53	63(232)	
29.5	35.7	62	62	48	48	68	50	58	45(59)	66	45	63	47	
		66	45	63	47(90)	50	50	61	61	45	66	47	63(270)	
32.8	33.1	63	63	46	46	65	61	48	45(9)	68	42	64	44	
		68	42	64	44(90)	47	47	62	62	42	68	44	64(270)	
39.4	29.1	64	64	43	43	71	56	49	38(24)	71	36	66	40	
		70	35	67	41(96)	43	43	63	63	35	70	41	68(263)	
45.9	25.6	65	65	40	40	75	53	50	33(31)	74	32	68	36	
		71	30	71	39(102)	40	40	65	65	30	71	39	71(257)	
52.5	22.3	66	66	38	38	77	50	50	30(34)	76	28	70	34	
		71	26	73	38(105)	38	38	66	66	25	71	38	73(254)	
59.1	20.3	68	68	35	35	81	48	51	26(37)	79	24	72	30	
		72	21	76	36(108)	35	35	67	67	20	72	37	76(251)	
65.6	18.5	69	69	33	33	84	45	52	22(40)	81	20	74	28	
		73	16	79	35(110)	33	33	69	69	16	73	36	79(249)	
72.2	16.8	70	70	31	31	86	45	51	19(39)	84	17	76	25	
		74	12	81	34(112)	31	31	70	70	12	73	35	81(247)	
78.7	15.7	72	72	28	28	90	43	51	16(40)	87	13	78	22	
		78	9	83	30(108)	28	28	72	72	8	78	31	84(251)	
85.3	13.4	71	71	28	28	90	43	51	15(40)	86	13	78	22	
		78	8	83	30(108)	28	28	72	72	8	77	30	83(251)	

 HA= 68.6 HI= 29.5 GGW= 55.8 SL= 0.0 MAX(A,B,C,D)= 8.4 7.2 7.7 7.8

Main boom and fixed jib (jib angle 0.0 degrees)
 Length of main boom = 70.2 ft Length of jib = 29.5 ft
 Main boom sequence = 0-0-0-0-0-100 % LK = 14
 Counterweight = 55.8 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.
		1(0)		2(...)		3(90)				

	4(...)				5(180)				6(...)				
	A	B	C	D	A	B	C	D	A	B	C	D	
13.1	39.7	49	49	63	63	42	64	51	67(59)	44	69	46	65
	52	71	43	58(128)	64	64	48	48	71	52	58	43(232)	
14.8	39.7	51	51	61	61	45	62	52	65(59)	47	67	48	63
	53	68	46	58(128)	63	63	50	50	68	53	58	46(232)	
16.4	39.7	53	53	60	60	49	61	53	62(59)	50	64	50	61
	54	65	49	57(128)	61	61	51	51	65	54	57	49(232)	
19.7	39.7	56	56	57	57	55	58	55	57(59)	55	59	54	57
	56	59	54	56(127)	58	58	54	54	59	56	56	54(232)	
23.0	38.1	58	58	54	54	59	55	56	53(59)	59	54	57	53
	58	54	57	54(128)	55	55	56	56	54	58	54	57(232)	
26.2	35.3	59	59	51	51	62	53	56	49(59)	61	50	58	50
	58	50	60	53(128)	52	52	58	58	50	58	53	60(232)	
29.5	32.4	59	59	49	49	63	51	56	47(59)	62	47	60	48
	58	46	61	52(128)	50	50	58	58	46	58	52	61(232)	
32.8	29.8	60	60	48	48	65	49	57	44(59)	63	45	60	46
	63	45	60	46(90)	49	49	59	59	45	63	46	60(270)	
39.4	25.8	61	61	45	45	63	58	47	43(11)	66	40	63	42
	66	40	63	42(90)	45	45	60	60	40	66	42	63(270)	
45.9	22.7	62	62	42	42	68	55	48	37(23)	69	35	65	39
	68	34	65	40(95)	42	42	62	62	34	68	40	66(264)	
52.5	19.6	63	63	40	40	70	52	48	34(28)	71	32	66	36
	68	30	67	38(99)	40	40	63	63	30	68	39	67(260)	
59.1	17.9	64	64	37	37	75	50	49	30(33)	73	28	68	33
	69	25	71	37(104)	37	37	64	64	25	69	37	71(255)	
65.6	16.3	66	66	35	35	78	47	50	26(36)	76	24	70	31
	71	21	74	36(107)	35	35	66	66	21	70	36	74(252)	
72.2	14.6	66	66	33	33	80	46	50	24(38)	78	22	71	29
	71	18	76	35(109)	33	33	67	67	18	70	35	76(250)	
78.7	13.7	68	68	31	31	84	44	51	20(40)	81	18	74	26
	72	13	79	34(111)	31	31	69	69	13	72	35	79(248)	
85.3	12.6	69	69	29	29	86	43	50	17(39)	83	15	76	24
	73	10	81	33(112)	29	29	70	70	10	73	34	81(247)	

HA= 70.2 HI= 29.5 GGW= 55.8 SL= 0.0 MAX(A,B,C,D)= 8.0 6.8 7.6 7.6

Main boom and fixed jib (jib angle 0.0 degrees)

Length of main boom = 82.3 ft Length of jib = 29.5 ft

Main boom sequence = 0-0-0-0-45-90 % LK = 20

Counterweight = 55.8 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
	1(0)				2(...)								
	4(...)				5(180)				6(...)				
	A	B	C	D	A	B	C	D	A	B	C	D	
16.4	39.7	53	53	60	60	49	61	53	62(59)	50	64	50	61
	54	65	49	57(128)	61	61	51	51	65	54	57	49(232)	
19.7	39.7	56	56	57	57	55	58	55	57(59)	55	59	54	57
	56	59	54	56(127)	58	58	54	54	59	56	56	54(232)	
23.0	39.7	59	59	53	53	61	55	57	52(59)	60	54	58	53
	58	53	59	55(128)	55	55	58	58	53	58	55	59(232)	
26.2	39.7	62	62	50	50	67	52	58	47(59)	66	48	62	49
	61	47	64	53(128)	52	52	61	61	47	61	53	64(232)	

29.5	38.6	64	64	47	47	67	62	49	46(10)	70	44	65	45
		70	44	65	45(90)	49	49	63	63	44	70	45	65(270)
32.8	36.2	65	65	45	45	70	59	50	42(20)	72	40	67	43
		71	40	67	43(93)	47	47	64	64	39	71	43	67(266)
39.4	31.3	66	66	42	42	75	55	51	36(29)	75	35	69	38
		72	33	71	41(101)	43	43	65	65	33	72	41	71(258)
45.9	28.0	68	68	38	38	79	52	52	30(35)	78	29	71	34
		73	26	75	39(106)	39	39	67	67	26	73	39	75(253)
52.5	25.1	69	69	35	35	83	49	52	26(38)	81	25	74	31
		74	21	78	37(109)	36	36	69	69	21	73	38	78(250)
59.1	22.5	71	71	33	33	86	46	53	22(40)	83	21	75	28
		75	16	80	36(111)	34	34	70	70	16	74	37	81(248)
65.6	20.5	72	72	31	31	89	46	52	19(39)	86	17	77	25
		76	12	83	35(112)	31	31	72	72	12	75	35	83(247)
72.2	18.1	72	72	30	30	90	44	52	17(40)	87	15	78	23
		75	9	84	34(113)	30	30	72	72	9	75	34	84(246)
78.7	15.7	72	72	29	29	90	43	51	16(40)	86	14	78	22
		78	9	83	31(108)	28	28	72	72	9	77	31	83(251)
85.3	13.4	71	71	28	28	90	43	51	15(40)	86	13	78	22
		77	8	83	30(108)	28	28	71	71	8	77	31	83(251)
91.9	11.7	71	71	27	27	90	41	51	14(41)	86	12	77	21
		77	7	83	30(109)	27	27	71	71	7	76	30	83(250)
98.4	10.4	71	71	26	26	91	41	51	13(41)	86	11	78	20
		77	5	84	29(109)	26	26	72	72	5	77	30	84(250)

 HA= 82.3 HI= 29.5 GGW= 55.8 SL= 0.0 MAX(A,B,C,D)= 8.4 7.2 7.8 7.8

Main boom and fixed jib (jib angle 0.0 degrees)

Length of main boom = 84.0 ft Length of jib = 29.5 ft
 Main boom sequence = 0-0-0-0-45-100 % LK = 21
 Counterweight = 55.8 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
	1(0)		2(...)		3(90)		6(...)						
	A	B	C	D	A	B	C	D	A	B	C	D	
16.4	39.7	53	53	60	60	49	61	53	62(59)	50	64	50	61
		54	65	49	57(128)	61	61	51	51	65	54	57	49(232)
19.7	39.7	56	56	57	57	55	58	55	57(59)	55	59	54	57
		56	59	54	56(127)	58	58	54	54	59	56	56	54(232)
23.0	39.7	59	59	53	53	61	55	57	52(59)	60	54	58	53
		58	53	59	55(128)	55	55	58	58	53	58	55	59(232)
26.2	36.8	60	60	51	51	63	53	57	49(59)	63	50	60	50
		59	49	61	53(128)	52	52	59	59	49	59	53	61(232)
29.5	34.4	61	61	49	49	66	50	58	45(59)	65	46	61	47
		65	46	61	47(90)	50	50	60	60	46	65	47	61(270)
32.8	32.2	62	62	47	47	62	62	47	47(2)	67	43	63	45
		67	43	63	45(90)	48	48	61	61	43	67	45	63(270)
39.4	27.8	63	63	43	43	68	57	48	40(20)	69	38	65	41
		69	37	65	41(92)	44	44	62	62	37	69	41	65(267)
45.9	24.7	64	64	41	41	72	54	49	35(28)	72	33	67	37
		70	31	69	39(100)	41	41	64	64	31	70	40	69(259)
52.5	22.3	66	66	38	38	77	50	50	30(34)	75	29	69	34
		71	26	73	38(105)	38	38	65	65	26	71	38	73(254)

59.1	19.8	67	67	35	35	79	48	51	27(37)	77	25	71	31
		72	22	75	37(107)	36	36	67	67	22	71	37	75(252)
65.6	18.1	68	68	33	33	83	46	51	23(39)	80	21	73	28
		73	17	78	35(109)	33	33	68	68	17	72	36	78(250)
72.2	16.8	70	70	31	31	87	44	52	19(41)	83	18	75	26
		74	13	81	34(111)	31	31	70	70	13	73	35	81(248)
78.7	15.2	71	71	29	29	88	43	51	17(40)	85	15	77	23
		74	9	83	34(113)	29	29	71	71	9	73	34	83(246)
85.3	13.7	71	71	28	28	90	43	51	15(40)	86	13	78	22
		78	8	83	30(108)	28	28	72	72	8	77	30	83(251)
91.9	11.9	71	71	27	27	90	41	51	14(41)	86	12	78	21
		77	7	84	30(109)	27	27	72	72	6	77	30	84(250)
98.4	10.4	71	71	27	27	90	41	51	13(41)	86	11	78	20
		77	6	84	29(109)	26	26	71	71	6	76	30	84(250)

 HA= 84.0 HI= 29.5 GGW= 55.8 SL= 0.0 MAX(A,B,C,D)= 8.4 7.2 7.8 7.8

Main boom and fixed jib (jib angle 0.0 degrees)

Length of main boom = 96.5 ft Length of jib = 29.5 ft

Main boom sequence = 0-0-0-0-90-90 % LK = 28

Counterweight = 55.8 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.			
		1(0)		2(...)		3(90)		6(...)					
		A	B	C	D	A	B		C		D		
19.7	39.7	56	56	57	57	55	58	55	57(59)	55	59	54	57
		56	59	54	56(127)	58	58	54	54	59	56	56	54(232)
23.0	39.7	59	59	53	53	61	55	57	52(59)	60	54	58	53
		58	53	59	55(128)	55	55	58	58	53	58	55	59(232)
26.2	39.7	62	62	50	50	67	52	58	47(59)	66	48	62	49
		61	47	64	53(128)	52	52	61	61	47	61	53	64(232)
29.5	39.0	65	65	47	47	67	62	49	45(11)	70	43	65	45
		70	43	65	45(90)	49	49	63	63	43	70	45	65(270)
32.8	36.6	66	66	45	45	71	59	50	41(21)	72	40	67	42
		72	39	68	43(94)	46	46	64	64	39	71	43	68(265)
39.4	32.6	68	68	41	41	77	55	51	34(31)	77	33	70	37
		73	31	73	41(103)	42	42	67	67	31	73	41	73(256)
45.9	28.7	69	69	38	38	81	51	52	30(36)	79	29	72	34
		74	25	76	39(106)	39	39	68	68	25	74	39	76(253)
52.5	25.8	70	70	35	35	85	48	53	25(39)	82	24	75	30
		75	20	79	37(109)	36	36	70	70	20	74	37	79(250)
59.1	23.4	72	72	33	33	88	46	54	21(41)	85	20	77	27
		76	15	82	36(111)	33	33	71	71	15	75	36	82(248)
65.6	20.9	73	73	30	30	90	45	53	18(40)	87	17	78	25
		76	11	84	35(113)	31	31	72	72	11	75	35	84(246)
72.2	18.1	72	72	30	30	90	44	52	17(40)	86	15	78	24
		75	10	84	34(113)	30	30	72	72	9	75	35	84(246)
78.7	15.7	72	72	29	29	90	43	51	16(40)	86	14	78	23
		78	9	83	31(108)	28	28	72	72	9	77	31	83(251)
85.3	13.4	71	71	28	28	89	43	51	15(40)	86	13	77	22
		77	8	83	30(108)	28	28	71	71	8	77	31	83(251)
91.9	11.7	71	71	28	28	89	42	51	15(40)	86	12	77	21
		77	7	83	30(108)	27	27	71	71	7	77	30	83(251)

98.4 10.4 71 71 26 26 90 41 51 13(41) 86 11 78 20
 77 6 84 29(109) 26 26 72 72 5 77 30 84(250)
 105.0 9.0 71 71 26 26 91 40 51 12(41) 87 10 78 20
 77 4 84 29(109) 25 25 72 72 4 77 29 84(250)
 111.5 7.9 71 71 25 25 91 40 50 11(41) 87 9 78 19
 77 3 84 28(109) 25 25 72 72 3 77 28 84(250)

 HA= 96.5 HI= 29.5 GGW= 55.8 SL= 0.0 MAX(A,B,C,D)= 8.5 7.2 7.8 7.8

Main boom and fixed jib (jib angle 0.0 degrees)
 Length of main boom = 100.4 ft Length of jib = 29.5 ft
 Main boom sequence = 0-0-0-0-100-100 % LK = 29
 Counterweight = 55.8 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
		1(0)		2(...)		3(90)		6(...)						
		A	B	C	D	A	B	C	D		A	B	C	D
23.0	39.7	59	59	53	53	61	55	57	52(59)	60	54	58	53	
		58	53	59	55(128)	55	55	58	58	53	58	55	59(232)	
26.2	37.7	61	61	51	51	65	52	58	48(59)	63	49	60	50	
		59	48	62	53(128)	52	52	59	59	48	59	53	62(232)	
29.5	35.3	62	62	49	49	67	50	58	45(59)	66	46	62	47	
		66	46	62	47(90)	50	50	60	60	46	66	47	62(270)	
32.8	32.6	62	62	47	47	63	61	47	46(5)	67	43	63	45	
		67	43	63	45(90)	48	48	61	61	43	67	45	63(270)	
39.4	28.9	64	64	43	43	70	56	49	39(23)	71	37	66	40	
		70	36	67	41(95)	44	44	63	63	36	70	41	67(264)	
45.9	25.4	65	65	40	40	74	53	50	34(30)	73	32	68	37	
		71	30	70	39(101)	41	41	65	65	30	70	40	70(258)	
52.5	22.3	66	66	38	38	77	50	50	30(34)	75	29	69	34	
		71	26	73	38(105)	38	38	65	65	26	71	38	73(254)	
59.1	20.3	67	67	35	35	80	48	51	26(37)	78	24	72	31	
		72	21	76	37(108)	35	35	67	67	21	72	37	76(251)	
65.6	18.3	69	69	33	33	83	46	51	23(39)	80	21	73	28	
		73	17	78	35(110)	33	33	69	69	17	72	36	78(249)	
72.2	16.3	69	69	32	32	85	44	52	20(41)	82	19	75	26	
		73	14	80	35(111)	32	32	69	69	14	73	35	80(248)	
78.7	15.0	70	70	30	30	88	44	51	18(39)	84	15	76	24	
		74	10	82	34(112)	29	29	71	71	10	74	34	82(247)	
85.3	13.7	71	71	28	28	90	43	51	15(40)	86	13	78	22	
		78	8	83	30(108)	28	28	72	72	8	77	30	83(251)	
91.9	11.9	71	71	27	27	90	41	51	14(41)	86	12	78	21	
		77	7	83	30(109)	27	27	72	72	7	77	30	84(250)	
98.4	10.4	71	71	27	27	90	41	51	13(41)	86	11	78	21	
		77	6	84	29(109)	26	26	71	71	6	76	30	84(250)	
105.0	9.0	71	71	26	26	90	40	51	13(41)	86	10	78	20	
		77	5	84	29(109)	26	26	71	71	5	76	29	84(250)	
111.5	7.9	71	71	25	25	91	40	50	12(41)	87	9	78	19	
		77	4	84	28(109)	25	25	72	72	4	77	29	84(250)	

 HA=100.4 HI= 29.5 GGW= 55.8 SL= 0.0 MAX(A,B,C,D)= 8.4 7.2 7.8 7.8

Main boom and fixed jib (jib angle 0.0 degrees)

Length of main boom = 110.2 ft Length of jib = 29.5 ft
 Main boom sequence = 0-0-0-45-90-90 % LK = 36
 Counterweight = 55.8 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]								(Pos.[Degrees])				0-360 Degr.		
		1(0)				2(...)				3(90)						
		A	B	C	D	A	B	C	D	A	B	C	D			
23.0	39.7	59	59	53	53	61	55	57	52	(59)	61	53	58	52		
		59	52	59	55	(128)	55	55	58	58		52	59	55	59	(232)
26.2	39.7	62	62	50	50	68	52	59	47	(59)	66	48	62	49		
		66	48	62	49	(90)	52	52	61	61		48	66	49	62	(270)
29.5	39.7	66	66	47	47	69	61	50	44	(16)	71	42	67	44		
		71	42	67	44	(90)	48	48	64	64		42	71	44	67	(270)
32.8	37.9	67	67	44	44	74	58	51	39	(26)	75	38	69	41		
		73	37	70	43	(97)	46	46	66	66		37	73	43	70	(262)
39.4	33.7	69	69	40	40	80	54	53	33	(34)	79	32	72	36		
		74	29	75	41	(105)	41	41	68	68		29	74	41	75	(254)
45.9	30.4	71	71	37	37	85	50	53	27	(38)	83	26	75	32		
		76	22	79	39	(109)	37	37	70	70		22	75	39	80	(250)
52.5	27.1	72	72	34	34	89	47	54	22	(41)	85	21	77	28		
		77	17	82	37	(111)	34	34	72	72		17	76	37	82	(248)
59.1	24.7	74	74	31	31	92	46	53	18	(40)	89	17	80	25		
		77	11	86	35	(113)	31	31	74	74		11	77	36	86	(246)
65.6	20.9	73	73	30	30	91	45	53	17	(40)	88	15	79	24		
		77	10	85	34	(113)	30	30	73	73		10	76	35	85	(246)
72.2	17.9	72	72	29	29	91	44	52	16	(40)	87	14	78	23		
		79	9	84	31	(108)	29	29	72	72		9	78	32	84	(251)
78.7	15.2	72	72	28	28	90	43	51	16	(40)	86	14	78	22		
		78	9	83	30	(108)	28	28	72	72		9	77	31	83	(251)
85.3	13.2	71	71	28	28	90	42	52	15	(41)	86	12	78	22		
		77	7	84	30	(109)	27	27	72	72		7	77	31	84	(250)
91.9	11.5	71	71	27	27	90	41	51	14	(41)	86	11	78	21		
		77	6	84	30	(109)	27	27	72	72		6	77	30	84	(250)
98.4	9.9	71	71	26	26	90	41	51	13	(41)	86	11	78	20		
		77	5	84	29	(109)	26	26	72	72		5	77	30	84	(250)
105.0	8.6	71	71	26	26	91	40	51	12	(41)	87	9	78	19		
		77	4	84	28	(109)	25	25	72	72		4	77	29	84	(250)
111.5	7.5	71	71	25	25	91	40	50	11	(41)	87	9	78	19		
		77	3	84	28	(109)	24	24	72	72		3	77	28	84	(250)
118.1	6.4	71	71	25	25	91	39	51	11	(42)	87	8	78	18		
		77	2	84	28	(110)	24	24	72	72		2	76	28	85	(249)
124.7	5.7	72	72	24	24	93	38	51	9	(42)	88	6	79	17		
		77	0	86	27	(110)	23	23	73	73		0	77	28	86	(249)

HA=110.2 HI= 29.5 GGW= 55.8 SL= 0.0 MAX(A,B,C,D)= 8.6 7.3 8.0 8.0

Main boom and fixed jib (jib angle 0.0 degrees)
 Length of main boom = 114.5 ft Length of jib = 29.5 ft
 Main boom sequence = 0-0-0-45-100-100 % LK = 37
 Counterweight = 55.8 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.
		1(0)				2(...)				
		A	B	C	D	A	B	C	D	

	4(...)				5(180)				6(...)				
	A	B	C	D	A	B	C	D	A	B	C	D	
26.2	38.4	61	61	50	50	66	52	58	47(59)	65	49	61	49
		60	47	63	53(128)	52	52	60	60	47	60	53	63(232)
29.5	35.9	62	62	48	48	69	50	58	44(59)	67	45	63	46
		67	45	63	46(90)	49	49	61	61	45	67	46	63(270)
32.8	33.7	63	63	46	46	66	60	49	44(13)	69	41	65	44
		69	41	65	44(90)	47	47	62	62	41	69	44	65(270)
39.4	29.5	65	65	42	42	72	56	50	37(26)	73	36	67	39
		71	34	69	41(98)	43	43	64	64	34	71	41	69(261)
45.9	26.7	67	67	39	39	77	52	51	32(33)	76	30	70	35
		72	28	73	39(104)	39	39	66	66	27	72	39	73(255)
52.5	23.8	68	68	36	36	81	49	52	27(37)	79	26	72	32
		73	22	76	38(108)	37	37	68	68	22	73	38	76(251)
59.1	21.4	69	69	34	34	84	47	52	23(39)	82	22	74	29
		74	18	79	36(110)	34	34	69	69	18	73	37	79(249)
65.6	19.6	71	71	31	31	88	44	53	19(41)	85	18	77	26
		75	13	82	35(112)	32	32	71	71	13	74	35	82(247)
72.2	17.9	72	72	29	29	90	44	52	17(40)	87	15	78	23
		78	10	84	31(108)	29	29	72	72	9	78	32	84(251)
78.7	15.2	71	71	29	29	90	43	51	16(40)	86	14	78	22
		78	9	83	31(108)	28	28	72	72	9	77	31	83(251)
85.3	13.2	71	71	28	28	90	43	51	15(40)	86	13	78	22
		78	8	83	30(108)	28	28	72	72	7	77	30	83(251)
91.9	11.5	71	71	27	27	90	41	51	14(41)	86	12	78	21
		77	6	84	30(109)	27	27	71	71	6	76	30	84(250)
98.4	9.9	71	71	26	26	90	41	51	13(41)	86	11	78	20
		77	6	84	29(109)	26	26	71	71	5	76	30	84(250)
105.0	8.6	71	71	26	26	90	40	51	12(41)	86	10	78	20
		77	4	84	28(109)	25	25	71	71	4	76	29	84(250)
111.5	7.5	71	71	25	25	91	40	50	11(41)	87	9	78	19
		77	3	84	28(109)	24	24	72	72	3	77	28	84(250)
118.1	6.6	71	71	24	24	92	38	51	10(42)	88	7	79	18
		77	2	85	28(110)	24	24	72	72	2	76	28	85(249)
124.7	5.7	71	71	24	24	93	38	51	9(42)	88	7	79	17
		77	1	86	27(110)	23	23	72	72	1	77	28	86(249)
131.2	4.9	71	71	23	23	93	38	51	9(42)	88	6	79	17
		77	0	86	27(110)	22	22	72	72	0	77	27	86(249)

HA=114.5 HI= 29.5 GGW= 55.8 SL= 0.0 MAX(A,B,C,D)= 8.6 7.2 7.9 8.0

Main boom and fixed jib (jib angle 0.0 degrees)
Length of main boom = 124.3 ft Length of jib = 29.5 ft
Main boom sequence = 0-0-0-90-90-90 % LK = 45
Counterweight = 55.8 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
	1(0)		2(...)		3(90)		4(90)						
	4(...)		5(180)		6(...)								
	A	B	C	D	A	B	C	D					
29.5	39.7	66	66	47	47	70	61	50	44(17)	72	42	67	44
		72	42	67	44(90)	48	48	64	64	42	72	44	67(269)
32.8	37.7	67	67	44	44	74	58	51	39(26)	75	38	69	41
		73	37	70	43(98)	45	45	66	66	37	73	43	71(261)

39.4	34.0	70	70	40	40	81	53	53	32(35)	80	31	73	36
		75	28	76	40(106)	41	41	69	69	28	74	41	76(253)
45.9	30.6	72	72	36	36	86	50	54	26(39)	84	25	76	31
		77	21	80	38(109)	37	37	71	71	21	76	39	80(250)
52.5	28.2	74	74	32	32	92	46	55	20(42)	88	19	79	27
		78	14	85	36(112)	33	33	73	73	14	77	37	85(247)
59.1	24.5	74	74	31	31	92	46	53	18(40)	89	16	80	24
		78	11	86	35(113)	31	31	74	74	11	77	36	86(246)
65.6	20.5	73	73	30	30	91	45	52	17(40)	88	15	79	24
		76	10	85	34(113)	30	30	73	73	10	76	35	85(246)
72.2	17.4	72	72	29	29	91	44	52	16(40)	87	14	78	23
		78	9	84	31(108)	29	29	72	72	9	78	32	84(251)
78.7	15.0	72	72	28	28	90	43	51	15(40)	87	13	78	22
		78	8	84	30(108)	28	28	72	72	8	78	31	84(251)
85.3	12.8	71	71	28	28	90	42	52	15(41)	86	12	78	21
		77	7	84	30(109)	27	27	72	72	7	77	31	84(250)
91.9	11.0	71	71	27	27	90	41	51	14(41)	86	11	78	21
		77	6	84	30(109)	26	26	72	72	6	77	30	84(250)
98.4	9.5	71	71	26	26	90	41	51	13(41)	86	10	78	20
		77	5	84	29(109)	26	26	71	71	5	76	30	84(250)
105.0	8.2	71	71	26	26	90	40	50	12(41)	86	9	78	19
		77	4	84	28(109)	25	25	71	71	4	76	29	84(250)
111.5	7.1	71	71	25	25	91	39	50	11(41)	87	8	78	19
		77	3	84	28(109)	24	24	72	72	3	77	28	84(250)
118.1	6.2	71	71	24	24	92	38	51	10(42)	88	7	79	17
		77	1	85	28(110)	23	23	72	72	1	77	28	85(249)
124.7	5.3	71	71	24	24	93	38	51	9(42)	88	6	79	17
		77	0	86	27(110)	23	23	72	72	0	77	28	86(249)
131.2	4.2	71	71	24	24	92	38	50	9(42)	87	6	78	17
		77	1	85	27(110)	23	23	72	72	0	76	28	85(249)
137.8	3.5	71	71	23	23	92	37	50	8(42)	88	5	79	16
		77	0	86	26(110)	22	22	72	72	0	76	26	86(249)

 HA=124.3 HI= 29.5 GGW= 55.8 SL= 0.0 MAX(A,B,C,D)= 8.6 7.2 8.0 8.0

Main boom and fixed jib (jib angle 0.0 degrees)
 Length of main boom = 130.9 ft Length of jib = 29.5 ft
 Main boom sequence = 0-0-0-100-100-100 % LK = 46
 Counterweight = 55.8 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
	1(0)		2(...)		3(90)		6(...)						
	A	B	C	D	A	B	C	D	A	B	C	D	
29.5	35.3	62	62	48	48	69	50	58	44(59)	67	45	63	46
		67	45	63	46(90)	49	49	61	61	45	67	46	63(270)
32.8	33.3	63	63	46	46	67	60	49	43(14)	69	41	65	43
		69	41	65	43(90)	47	47	62	62	41	69	43	65(270)
39.4	29.8	66	66	42	42	73	55	50	36(28)	73	35	68	39
		71	33	70	41(99)	43	43	65	65	33	71	41	70(260)
45.9	26.7	67	67	39	39	78	52	51	31(34)	77	30	71	35
		73	27	74	39(105)	39	39	67	67	26	72	39	74(254)
52.5	24.5	70	70	35	35	84	49	52	26(38)	81	24	74	30
		74	20	78	37(109)	36	36	69	69	20	74	38	78(250)

59.1	22.0	71	71	33	33	87	45	53	21(41)	84	20	76	27
		75	15	81	36(111)	33	33	71	71	15	75	36	81(248)
65.6	19.8	72	72	30	30	90	45	52	18(40)	86	17	78	25
		76	11	84	34(112)	31	31	72	72	11	75	35	84(247)
72.2	17.4	72	72	29	29	90	44	52	16(40)	87	14	78	23
		78	9	84	31(108)	29	29	72	72	9	78	32	84(251)
78.7	15.0	72	72	28	28	90	43	51	15(40)	87	13	78	22
		78	8	84	30(108)	28	28	72	72	8	78	31	84(251)
85.3	12.8	71	71	28	28	90	42	52	15(41)	86	12	78	21
		77	7	83	30(109)	27	27	72	72	7	77	31	84(250)
91.9	11.0	71	71	27	27	90	41	51	14(41)	86	11	78	21
		77	6	84	30(109)	26	26	72	72	6	77	30	84(250)
98.4	9.5	71	71	26	26	90	41	51	13(41)	86	10	78	20
		77	5	84	29(109)	26	26	71	71	5	76	30	84(250)
105.0	8.2	71	71	26	26	90	40	50	12(41)	86	9	78	19
		77	4	84	28(109)	25	25	71	71	4	76	29	84(250)
111.5	7.1	71	71	25	25	91	39	50	11(41)	87	9	78	19
		77	3	84	28(109)	24	24	72	72	3	77	28	84(250)
118.1	6.2	71	71	24	24	92	38	51	10(42)	88	7	79	18
		77	1	85	28(110)	23	23	72	72	1	77	28	85(249)
124.7	5.3	71	71	24	24	93	38	51	9(42)	88	6	79	17
		77	0	86	27(110)	23	23	72	72	0	77	28	86(249)
131.2	4.2	71	71	24	24	92	38	50	9(42)	87	6	78	17
		77	1	85	27(110)	23	23	72	72	0	76	28	85(249)
137.8	3.5	71	71	23	23	92	37	50	8(42)	88	5	79	16
		77	0	86	26(110)	22	22	72	72	0	76	26	86(249)
144.4	2.6	71	71	23	23	92	37	50	9(42)	87	6	78	16
		76	0	85	26(110)	22	22	72	72	0	75	27	86(249)

 HA=130.9 HI= 29.5 GGW= 55.8 SL= 0.0 MAX(A,B,C,D)= 8.6 7.2 8.0 8.0

Main boom and fixed jib (jib angle 0.0 degrees)
 Length of main boom = 138.1 ft Length of jib = 29.5 ft
 Main boom sequence = 0-0-45-90-90-90 % LK = 54
 Counterweight = 55.8 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.
		1(0)		2(...)		3(90)		6(...)		
		A	B	C	D	A	B	C	D	
32.8	37.7	68	68	44	44	76	58	52	38(28)	76 37 70 40
		74	35	71	42(99)	45	45	67	67	35 73 43 71(260)
39.4	34.4	71	71	39	39	83	53	54	30(36)	81 30 74 35
		76	26	78	40(107)	40	40	70	70	26 75 40 78(252)
45.9	31.1	73	73	35	35	89	49	55	24(40)	86 23 77 30
		77	19	82	38(111)	36	36	72	72	19 77 39 83(248)
52.5	28.7	76	76	31	31	94	47	54	19(40)	90 17 81 25
		79	12	87	36(113)	32	32	75	75	12 78 37 87(246)
59.1	23.8	74	74	30	30	93	46	53	17(40)	89 16 80 24
		78	10	86	35(113)	31	31	74	74	10 77 35 86(246)
65.6	19.8	73	73	30	30	91	45	52	17(40)	88 15 79 23
		77	9	85	34(113)	30	30	73	73	9 76 35 85(246)
72.2	16.8	72	72	29	29	91	44	52	16(40)	87 14 78 22
		79	9	84	31(108)	29	29	72	72	9 78 31 84(251)

78.7	14.3	72	72	28	28	91	42	52	15(41)	87	13	78	22
		78	7	84	30(109)	28	28	72	72	7	77	31	84(250)
85.3	12.1	71	71	27	27	91	41	51	14(41)	87	12	78	21
		77	6	84	30(109)	27	27	72	72	6	77	30	84(250)
91.9	10.4	71	71	26	26	91	41	51	13(41)	87	11	78	20
		77	5	84	29(109)	26	26	72	72	5	77	30	84(250)
98.4	8.8	71	71	26	26	91	40	51	12(41)	87	10	78	19
		77	4	84	28(109)	25	25	72	72	4	77	29	84(250)
105.0	7.5	71	71	25	25	91	40	50	11(41)	87	9	78	19
		77	3	84	28(109)	25	25	72	72	3	77	28	84(250)
111.5	6.4	71	71	25	25	92	38	51	10(42)	87	8	78	18
		77	2	85	28(110)	24	24	72	72	2	76	28	85(249)
118.1	5.5	72	72	24	24	93	38	51	9(42)	88	6	79	17
		77	0	86	27(110)	23	23	72	72	0	77	28	86(249)
124.7	4.4	71	71	24	24	92	38	50	9(42)	88	6	79	17
		77	0	85	27(110)	23	23	72	72	0	76	28	86(249)
131.2	3.5	71	71	23	23	92	37	50	8(42)	88	6	79	16
		77	0	86	26(110)	22	22	72	72	0	76	27	86(249)
137.8	2.6	71	71	23	23	92	37	50	8(42)	88	5	79	16
		76	0	86	26(110)	22	22	72	72	0	75	26	86(249)

 HA=138.1 HI= 29.5 GGW= 55.8 SL= 0.0 MAX(A,B,C,D)= 8.7 7.3 8.1 8.1

Main boom and fixed jib (jib angle 0.0 degrees)
 Length of main boom = 145.0 ft Length of jib = 29.5 ft
 Main boom sequence = 0-0-45-100-100-100 % LK = 55
 Counterweight = 55.8 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.			
		1(0)		2(...)		3(90)		6(...)					
		A	B	C	D	A	B	C	D	A	B	C	D
32.8	33.1	64	64	45	45	67	60	49	43(16)	70	41	65	43
		70	41	65	43(90)	46	46	63	63	41	70	43	65(270)
39.4	30.0	66	66	41	41	75	54	51	35(30)	75	34	69	38
		72	32	71	40(101)	42	42	66	66	32	72	41	71(258)
45.9	27.3	69	69	37	37	81	51	52	29(36)	79	28	73	33
		74	24	76	38(107)	38	38	68	68	24	73	39	76(252)
52.5	24.7	71	71	34	34	86	47	53	24(40)	83	22	75	29
		75	18	80	37(110)	35	35	70	70	18	75	37	80(249)
59.1	22.9	73	73	31	31	91	46	53	19(40)	87	17	78	25
		77	12	84	35(112)	32	32	73	73	12	76	35	84(247)
65.6	19.8	73	73	30	30	91	45	52	17(40)	88	15	79	23
		76	9	85	34(113)	30	30	73	73	9	76	35	85(246)
72.2	16.8	72	72	29	29	91	44	52	16(40)	87	14	78	23
		78	9	84	31(108)	29	29	72	72	9	78	31	84(251)
78.7	14.3	72	72	28	28	91	42	52	15(41)	87	13	78	22
		78	7	84	30(109)	28	28	72	72	7	77	31	84(250)
85.3	12.1	71	71	27	27	90	41	51	14(41)	86	12	78	21
		77	7	84	30(109)	27	27	72	72	6	77	30	84(250)
91.9	10.4	71	71	27	27	90	41	51	13(41)	86	11	78	20
		77	6	84	29(109)	26	26	72	72	5	77	30	84(250)
98.4	8.8	71	71	26	26	91	40	51	12(41)	87	10	78	20
		77	4	84	29(109)	25	25	72	72	4	77	29	84(250)

105.0	7.7	71	71	25	25	92	39	51	11(42)	88	8	79	18
		77	3	85	28(110)	24	24	72	72	2	77	29	85(249)
111.5	6.4	71	71	25	25	91	39	51	11(42)	87	8	78	18
		77	2	85	28(110)	24	24	72	72	2	76	28	85(249)
118.1	5.5	71	71	24	24	93	38	51	9(42)	88	6	79	17
		77	1	86	27(110)	23	23	72	72	0	77	28	86(249)
124.7	4.4	71	71	24	24	92	38	50	9(42)	88	6	79	17
		77	0	85	27(110)	23	23	72	72	0	76	28	85(249)
131.2	3.5	71	71	23	23	92	37	50	9(42)	88	6	79	16
		77	0	86	26(110)	22	22	72	72	0	76	27	86(249)
137.8	2.6	71	71	23	23	92	37	50	8(42)	87	6	79	16
		76	0	86	26(110)	22	22	72	72	0	75	26	86(249)

 HA=145.0 HI= 29.5 GGW= 55.8 SL= 0.0 MAX(A,B,C,D)= 8.6 7.3 7.9 8.0

Main boom and fixed jib (jib angle 0.0 degrees)

Length of main boom = 152.2 ft Length of jib = 29.5 ft

Main boom sequence = 0-0-90-90-90-90 % LK = 62

Counterweight = 55.8 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.			
		1(0)		2(...)		3(90)		6(...)					
		4(...)		5(180)		A B C D		A B C D					
39.4	33.7	71	71	39	39	83	52	53	30(36)	81	29	74	34
		76	26	78	40(107)	40	40	70	70	26	75	40	78(252)
45.9	31.1	74	74	34	34	90	48	55	23(41)	87	22	78	29
		78	18	83	37(111)	35	35	73	73	17	77	38	84(248)
52.5	27.8	75	75	31	31	93	47	54	19(40)	90	17	81	25
		79	12	87	36(113)	32	32	75	75	12	78	36	87(246)
59.1	23.1	74	74	30	30	93	45	53	17(40)	89	16	80	24
		78	10	86	35(113)	30	30	74	74	10	77	35	86(246)
65.6	19.2	73	73	29	29	91	44	52	16(40)	88	15	79	23
		79	10	84	31(108)	29	29	73	73	9	79	32	84(251)
72.2	16.1	72	72	28	28	91	43	52	15(41)	87	13	78	22
		78	8	84	31(109)	28	28	72	72	8	77	32	84(250)
78.7	13.7	72	72	28	28	91	42	52	14(41)	87	12	78	21
		78	7	84	30(109)	27	27	72	72	7	77	31	84(250)
85.3	11.5	71	71	27	27	91	41	51	14(41)	87	11	78	21
		77	6	84	30(109)	27	27	72	72	6	77	30	84(250)
91.9	9.9	72	72	26	26	91	41	51	12(41)	87	10	78	19
		78	4	84	29(109)	26	26	72	72	4	77	29	85(250)
98.4	8.4	71	71	25	25	91	40	51	11(41)	87	9	79	19
		78	3	85	28(109)	25	25	72	72	3	77	29	85(250)
105.0	7.1	71	71	25	25	92	39	51	10(42)	88	8	79	18
		77	2	85	28(110)	24	24	72	72	2	77	28	85(249)
111.5	6.0	72	72	24	24	93	38	51	9(42)	88	7	79	17
		77	1	86	27(110)	23	23	72	72	1	77	28	86(249)
118.1	4.6	71	71	24	24	92	38	51	9(42)	87	7	78	17
		77	1	85	27(110)	23	23	72	72	1	76	28	85(249)
124.7	3.7	71	71	23	23	92	37	50	9(42)	88	6	79	17
		77	0	86	26(110)	22	22	72	72	0	76	27	86(249)
131.2	2.6	71	71	23	23	91	37	50	9(42)	87	6	78	17
		76	0	85	27(110)	22	22	71	71	0	76	27	85(249)

 HA=152.2 HI= 29.5 GGW= 55.8 SL= 0.0 MAX(A,B,C,D)= 8.7 7.3 8.1 8.1

Main boom and fixed jib (jib angle 0.0 degrees)
 Length of main boom = 161.4 ft Length of jib = 29.5 ft
 Main boom sequence = 0-0-100-100-100-100 % LK = 63
 Counterweight = 55.8 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
	1(0)				2(...)								
	4(...)				5(180)								
	A	B	C	D	A	B	C	D	6(...)				
39.4 28.4	65	65	41	41	74	54	50	35	29	74	34	68	38
	71	32	70	40	100	42	42	65	65	32	71	41	70
45.9 26.7	69	69	37	37	82	50	52	28	37	79	27	73	33
	74	24	76	38	107	38	38	68	68	24	73	39	77
52.5 24.7	71	71	34	34	87	47	53	22	40	84	21	76	28
	75	17	81	37	111	34	34	71	71	17	75	37	82
59.1 22.7	74	74	30	30	92	45	53	18	40	88	16	79	24
	77	11	86	35	113	31	31	73	73	11	77	35	86
65.6 19.2	73	73	29	29	91	44	52	16	40	88	14	79	23
	79	9	84	31	108	29	29	73	73	9	79	32	85
72.2 16.1	72	72	28	28	91	43	52	15	41	87	13	78	22
	78	8	84	31	109	28	28	72	72	8	78	32	84
78.7 13.7	72	72	28	28	91	42	52	14	41	87	12	78	21
	78	7	84	30	109	27	27	72	72	7	77	31	84
85.3 11.5	71	71	27	27	91	41	51	13	41	87	11	78	21
	77	6	84	30	109	26	26	72	72	6	77	30	84
91.9 9.7	71	71	26	26	91	41	51	13	41	87	10	78	20
	77	5	84	29	109	26	26	72	72	5	77	29	84
98.4 8.4	72	72	25	25	92	39	51	11	42	88	9	79	19
	77	3	85	28	110	25	25	72	72	3	77	29	85
105.0 7.1	72	72	24	24	92	39	51	10	42	88	8	79	18
	77	2	85	28	110	24	24	72	72	2	77	28	86
111.5 5.7	71	71	24	24	92	38	51	10	42	88	7	79	17
	77	1	85	28	110	23	23	72	72	1	76	28	85
118.1 4.6	71	71	24	24	92	38	51	9	42	88	6	79	17
	77	1	85	27	110	23	23	72	72	1	76	28	85
124.7 3.5	71	71	24	24	91	37	50	9	42	87	6	78	17
	77	0	85	27	110	23	23	72	72	0	76	28	85
131.2 2.6	71	71	23	23	92	37	50	9	42	87	6	78	16
	76	0	85	26	110	22	22	72	72	0	75	27	85

 HA=161.4 HI= 29.5 GGW= 55.8 SL= 0.0 MAX(A,B,C,D)= 8.6 7.3 7.9 7.9

Main boom and fixed jib (jib angle 0.0 degrees)
 Length of main boom = 166.0 ft Length of jib = 29.5 ft
 Main boom sequence = 0-45-90-90-90-90 % LK = 68
 Counterweight = 55.8 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.
	1(0)				2(...)				
	4(...)				5(180)				
	A	B	C	D	A	B	C	D	6(...)

39.4	33.5	71	71	38	38	84	52	54	29(37)	82	28	75	34
		76	24	79	39(108)	39	39	70	70	24	76	40	79(251)
45.9	30.6	74	74	34	34	91	48	55	22(41)	88	21	79	28
		78	16	84	37(112)	35	35	73	73	16	77	38	84(247)
52.5	25.4	73	73	32	32	91	45	55	20(42)	87	19	78	26
		77	14	84	36(112)	33	33	73	73	13	77	36	84(247)
59.1	21.4	73	73	30	30	91	45	53	18(40)	87	16	79	24
		76	11	85	35(113)	31	31	73	73	11	76	35	85(246)
65.6	18.1	73	73	29	29	91	44	52	16(40)	88	14	79	23
		79	9	84	31(108)	29	29	73	73	9	78	32	84(251)
72.2	15.2	72	72	28	28	91	42	52	15(41)	87	13	79	22
		78	7	84	31(109)	28	28	72	72	7	78	31	84(250)
78.7	12.8	72	72	27	27	91	41	52	14(41)	87	11	78	21
		78	6	84	30(109)	27	27	72	72	6	77	30	84(250)
85.3	10.8	72	72	26	26	91	41	51	13(41)	88	10	79	20
		78	5	85	29(109)	26	26	72	72	5	77	29	85(250)
91.9	9.0	72	72	26	26	92	40	51	11(41)	88	9	79	19
		78	4	85	28(109)	25	25	72	72	3	77	29	85(250)
98.4	7.5	72	72	25	25	92	39	51	11(42)	88	8	79	18
		77	2	85	28(110)	24	24	72	72	2	77	29	85(249)
105.0	6.2	72	72	24	24	92	38	51	10(42)	88	7	79	17
		77	1	86	28(110)	23	23	72	72	1	77	28	86(249)
111.5	4.9	71	71	24	24	92	38	51	9(42)	88	6	79	17
		77	1	85	27(110)	23	23	72	72	0	76	28	86(249)
118.1	3.7	71	71	23	23	92	37	50	9(42)	88	6	79	17
		77	0	85	27(110)	22	22	72	72	0	76	27	86(249)
124.7	2.6	71	71	23	23	92	37	50	9(42)	87	6	78	16
		76	0	85	26(110)	22	22	72	72	0	75	27	86(249)

 HA=166.0 HI= 29.5 GGW= 55.8 SL= 0.0 MAX(A,B,C,D)= 8.6 7.3 7.9 8.0

Main boom and fixed jib (jib angle 0.0 degrees)
 Length of main boom = 175.5 ft Length of jib = 29.5 ft
 Main boom sequence = 0-45-100-100-100-100 % LK = 69
 Counterweight = 55.8 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
	1(0)		2(...)		3(90)		6(...)						
	A	B	C	D	A	B	C	D					
45.9	25.8	69	69	37	37	82	50	52	28(37)	80	27	73	32
		74	23	76	38(107)	37	37	68	68	23	73	38	77(252)
52.5	24.3	72	72	33	33	89	46	54	21(41)	85	20	77	27
		76	15	82	36(111)	33	33	71	71	15	76	36	82(248)
59.1	20.9	72	72	31	31	90	45	53	19(40)	86	17	78	25
		76	12	84	35(112)	31	31	72	72	11	76	35	84(247)
65.6	17.6	72	72	30	30	90	44	52	17(40)	86	15	78	23
		75	9	84	34(113)	30	30	72	72	9	75	34	84(246)
72.2	14.8	72	72	28	28	90	43	51	16(40)	86	13	78	22
		78	9	83	30(108)	28	28	72	72	8	77	31	83(251)
78.7	12.6	72	72	27	27	91	41	52	14(41)	87	12	78	21
		77	7	84	30(109)	27	27	72	72	7	77	30	84(250)
85.3	10.6	71	71	26	26	91	41	51	13(41)	87	11	78	20
		77	5	84	29(109)	26	26	72	72	5	77	30	84(250)

91.9	8.8	71	71	26	26	91	40	51	12(41)	87	9	78	19
		77	4	84	28(109)	25	25	72	72	4	77	29	84(250)
98.4	7.3	71	71	25	25	91	40	50	11(41)	87	9	78	19
		77	3	84	28(109)	24	24	72	72	3	77	28	85(250)
105.0	6.0	71	71	24	24	92	38	51	10(42)	87	7	78	18
		77	2	85	28(110)	24	24	72	72	2	76	28	85(249)
111.5	4.6	71	71	24	24	91	38	51	10(42)	87	7	78	17
		77	1	85	27(110)	23	23	72	72	1	76	28	85(249)
118.1	3.5	71	71	24	24	91	37	50	9(42)	87	6	78	17
		76	1	85	27(110)	23	23	72	72	1	76	28	85(249)
124.7	2.6	71	71	23	23	92	37	50	9(42)	87	6	79	16
		76	0	86	26(110)	22	22	72	72	0	75	27	86(249)

HA=175.5 HI= 29.5 GGW= 55.8 SL= 0.0 MAX(A,B,C,D)= 8.5 7.2 7.9 8.0

Main boom and fixed jib (jib angle 0.0 degrees)

Length of main boom = 180.1 ft Length of jib = 29.5 ft

Main boom sequence = 0-90-90-90-90-90 % LK = 73

Counterweight = 55.8 kip

Radius Cap. [ft]	Cap. [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.			
		1(0)		2(...)		3(90)		6(...)					
A	B	C	D	A	B	C	D	A	B	C	D		
45.9	28.2	72	72	34	34	88	48	54	24(40)	85	22	77	29
		76	18	82	37(111)	35	35	72	72	18	76	38	82(248)
52.5	23.4	72	72	33	33	88	46	54	21(41)	85	20	77	27
		76	15	82	36(111)	33	33	71	71	15	75	36	82(248)
59.1	19.4	71	71	31	31	88	46	52	19(39)	85	17	77	25
		75	12	82	35(112)	31	31	71	71	12	75	35	83(247)
65.6	16.3	71	71	30	30	89	44	52	17(40)	85	15	77	24
		75	10	83	34(113)	30	30	71	71	10	74	35	83(246)
72.2	13.4	71	71	29	29	89	43	51	16(40)	85	14	77	23
		77	9	82	31(108)	28	28	71	71	9	76	31	82(251)
78.7	11.2	71	71	28	28	89	42	50	15(40)	86	12	77	22
		77	7	82	30(108)	27	27	71	71	7	76	30	83(251)
85.3	9.3	71	71	27	27	90	41	51	14(41)	86	11	77	21
		76	6	83	29(109)	26	26	71	71	6	76	30	83(250)
91.9	7.5	70	70	26	26	90	40	50	13(41)	86	10	77	20
		76	5	83	29(109)	25	25	71	71	5	76	29	83(250)
98.4	6.2	71	71	25	25	90	39	50	11(41)	86	9	78	19
		77	3	84	28(109)	24	24	71	71	3	76	28	84(250)
105.0	4.9	71	71	24	24	91	39	50	11(41)	86	8	78	18
		77	2	84	27(109)	24	24	71	71	2	76	28	84(250)
111.5	3.5	70	70	24	24	90	39	50	10(41)	86	7	78	18
		76	2	84	27(109)	23	23	71	71	2	76	28	84(250)
118.1	2.6	71	71	23	23	91	37	50	9(42)	87	6	78	17
		76	0	85	27(110)	22	22	71	71	0	76	27	85(249)

HA=180.1 HI= 29.5 GGW= 55.8 SL= 0.0 MAX(A,B,C,D)= 8.5 7.1 7.9 7.9

Main boom and fixed jib (jib angle 0.0 degrees)

Length of main boom = 191.9 ft Length of jib = 29.5 ft

Main boom sequence = 0-100-100-100-100-100 % LK = 74

Counterweight = 55.8 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
	1(0)				2(...)					3(90)			
	4(...)				5(180)								
A	B	C	D	A	B	C	D	A	B	C	D		
52.5	22.5	71	71	33	33	87	46	53	22(40)	84	21	76	28
	75	16	81	36(111)	34	34	71	71	16	74	37	81(248)	
59.1	18.7	71	71	32	32	87	44	53	20(41)	84	18	76	26
	75	13	81	35(111)	32	32	71	71	13	74	35	82(248)	
65.6	15.7	70	70	30	30	87	45	51	18(39)	84	16	76	24
	74	11	82	34(112)	30	30	71	71	11	74	34	82(247)	
72.2	13.0	70	70	29	29	88	43	51	17(40)	84	15	76	23
	74	9	82	33(112)	29	29	71	71	9	73	33	82(247)	
78.7	10.8	70	70	28	28	88	42	50	15(40)	85	13	77	22
	76	8	82	30(108)	28	28	71	71	8	76	30	82(251)	
85.3	8.8	70	70	27	27	88	41	50	14(40)	85	12	77	21
	76	7	82	29(108)	27	27	71	71	7	76	30	82(251)	
91.9	7.1	70	70	26	26	88	41	50	14(40)	85	11	77	21
	76	6	82	28(108)	26	26	70	70	6	75	29	82(251)	
98.4	5.7	70	70	26	26	89	39	50	12(41)	85	9	77	19
	76	4	83	28(109)	25	25	71	71	4	75	29	83(250)	
105.0	4.4	70	70	25	25	89	39	50	11(41)	85	9	77	19
	76	3	83	28(109)	24	24	71	71	3	75	28	83(250)	
111.5	3.3	70	70	24	24	90	39	50	11(41)	86	8	77	18
	76	2	83	27(109)	23	23	71	71	2	75	28	84(250)	

HA=191.9 HI= 29.5 GGW= 55.8 SL= 0.0 MAX(A,B,C,D)= 8.3 7.0 7.7 7.8

Main boom and fixed jib (jib angle 0.0 degrees)

Length of main boom = 193.9 ft Length of jib = 29.5 ft

Main boom sequence = 45-90-90-90-90-90 % LK = 76

Counterweight = 55.8 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
	1(0)				2(...)					3(90)			
	4(...)				5(180)								
A	B	C	D	A	B	C	D	A	B	C	D		
45.9	25.6	71	71	35	35	85	48	53	25(39)	82	24	75	30
	75	19	80	37(110)	35	35	70	70	19	74	38	80(249)	
52.5	20.9	70	70	33	33	86	46	52	22(40)	83	21	75	28
	75	16	80	36(110)	33	33	70	70	16	74	36	80(249)	
59.1	17.2	70	70	32	32	86	44	52	20(41)	83	19	75	26
	74	14	80	35(111)	32	32	70	70	14	73	35	80(248)	
65.6	14.1	70	70	30	30	86	44	50	19(39)	83	17	75	25
	73	11	81	34(112)	30	30	70	70	11	73	34	81(247)	
72.2	11.5	69	69	29	29	86	43	50	17(39)	83	15	75	23
	73	10	81	33(112)	29	29	70	70	10	73	34	81(247)	
78.7	9.3	69	69	28	28	87	42	50	16(40)	83	13	76	22
	75	9	81	30(108)	28	28	70	70	9	75	31	81(251)	
85.3	7.5	69	69	27	27	88	41	50	15(40)	84	12	76	21
	75	7	81	29(108)	26	26	70	70	7	75	30	81(251)	
91.9	5.7	69	69	26	26	87	41	49	14(40)	84	11	76	21
	75	6	81	28(108)	26	26	70	70	6	75	29	81(251)	

98.4 4.4 69 69 26 26 88 39 50 12(41) 84 10 76 19
 75 4 82 28(109) 25 25 70 70 4 75 29 82(250)
 105.0 3.1 69 69 25 25 88 39 50 12(41) 84 9 76 19
 75 4 82 28(109) 24 24 70 70 3 75 28 82(250)

 HA=193.9 HI= 29.5 GGW= 55.8 SL= 0.0 MAX(A,B,C,D)= 8.2 7.0 7.6 7.6

Main boom and fixed jib (jib angle 0.0 degrees)
 Length of main boom = 205.7 ft Length of jib = 29.5 ft
 Main boom sequence = 45-100-100-100-100-100 % LK = 77
 Counterweight = 55.8 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.			
		1(0)				2(...)							
		4(...)				5(180)				6(...)			
		A	B	C	D	A	B	C	D	A	B	C	D
52.5	20.3	69	69	34	34	84	47	52	23(39)	82	22	74	28
		74	17	79	36(110)	34	34	69	69	17	73	36	79(249)
59.1	16.5	69	69	32	32	85	45	52	21(40)	82	19	74	27
		73	15	79	35(111)	32	32	69	69	15	72	35	79(248)
65.6	13.7	69	69	31	31	85	45	50	19(38)	82	17	75	25
		73	12	80	34(111)	30	30	69	69	12	73	34	80(248)
72.2	11.0	69	69	30	30	85	43	50	18(39)	82	16	75	24
		72	11	80	33(112)	29	29	69	69	11	72	34	80(247)
78.7	8.8	69	69	29	29	85	43	49	17(39)	82	14	75	23
		75	10	80	30(107)	28	28	69	69	10	74	30	80(252)
85.3	7.1	69	69	28	28	86	41	50	15(40)	83	13	75	22
		75	8	80	30(108)	27	27	69	69	8	74	30	80(251)
91.9	5.5	69	69	27	27	87	41	49	14(40)	83	11	75	21
		75	7	81	29(108)	26	26	69	69	6	74	29	81(251)
98.4	4.0	68	68	26	26	87	40	49	13(40)	83	11	75	20
		75	6	81	28(108)	25	25	69	69	6	74	29	81(251)
105.0	2.6	68	68	26	26	87	40	49	13(40)	83	10	75	20
		75	5	81	28(108)	25	25	69	69	5	74	28	81(251)

 HA=205.7 HI= 29.5 GGW= 55.8 SL= 0.0 MAX(A,B,C,D)= 8.1 6.9 7.5 7.5

Main boom and fixed jib (jib angle 0.0 degrees)
 Length of main boom = 208.0 ft Length of jib = 29.5 ft
 Main boom sequence = 90-90-90-90-90-90 % LK = 78
 Counterweight = 55.8 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.			
		1(0)				2(...)							
		4(...)				5(180)				6(...)			
		A	B	C	D	A	B	C	D	A	B	C	D
52.5	18.7	69	69	34	34	83	46	52	23(39)	80	22	73	29
		73	18	78	36(110)	34	34	68	68	17	72	36	78(249)
59.1	15.2	68	68	32	32	84	44	51	21(40)	81	19	74	27
		73	15	78	34(110)	32	32	69	69	15	72	35	79(249)
65.6	12.1	68	68	31	31	84	43	51	19(41)	81	17	74	25
		72	13	79	34(111)	30	30	68	68	13	71	34	79(248)
72.2	9.7	68	68	30	30	84	43	50	18(39)	81	16	74	24
		72	11	79	33(111)	29	29	69	69	11	72	33	80(248)

78.7 7.5 68 68 29 29 84 42 49 17(39) 81 14 74 23
 71 9 80 32(112) 28 28 69 69 9 71 33 80(247)
 85.3 5.7 68 68 28 28 85 42 49 16(39) 82 13 75 22
 74 8 79 29(107) 27 27 69 69 8 74 30 79(252)
 91.9 4.2 68 68 27 27 86 40 49 15(40) 82 12 75 21
 74 7 80 29(108) 26 26 69 69 7 73 29 80(251)
 98.4 2.6 68 68 26 26 86 40 49 14(40) 82 11 75 21
 74 6 80 28(108) 25 25 69 69 6 73 29 80(251)

 HA=208.0 HI= 29.5 GGW= 55.8 SL= 0.0 MAX(A,B,C,D)= 8.0 6.9 7.4 7.4

Main boom and fixed jib (jib angle 0.0 degrees)
 Length of main boom = 222.4 ft Length of jib = 29.5 ft
 Main boom sequence = 100-100-100-100-100-100 % LK = 79
 Counterweight = 55.8 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.			
	1(0)		2(...)		3(90)		4(...)					
	A	B	C	D	A	B	C	D	A	B	C	D
59.1 14.3	67	67	32	32	82	45	50	22(39)	79	20	73	28
	72	16	77	35(110)	32	32	68	68	16	71	35	77(249)
65.6 11.5	67	67	31	31	83	43	50	20(40)	80	18	73	26
	72	14	78	34(110)	31	31	68	68	14	71	34	78(249)
72.2 9.0	67	67	30	30	83	44	49	19(38)	80	17	73	25
	71	12	78	33(111)	29	29	68	68	12	71	34	78(248)
78.7 6.8	67	67	29	29	83	43	49	18(38)	80	15	73	24
	71	11	78	32(111)	28	28	68	68	10	71	33	78(248)
85.3 5.1	67	67	28	28	84	42	49	17(39)	80	14	73	23
	73	10	78	30(107)	27	27	68	68	9	73	30	78(252)
91.9 3.5	67	67	27	27	84	41	48	16(39)	81	13	74	22
	73	8	78	29(107)	26	26	68	68	8	73	29	79(252)
98.4 2.2	67	67	27	27	85	40	49	15(40)	81	11	74	21
	73	7	79	29(108)	26	26	68	68	7	73	29	79(251)

 HA=222.4 HI= 29.5 GGW= 55.8 SL= 0.0 MAX(A,B,C,D)= 7.9 6.8 7.4 7.4

Programm L A M O S 9 9 Version 1.08 vom 29.09.02
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H

DEMAG Mobile Cranes
 O U T R I G G E R - L O A D I N G S
 (Variance = +-10%)

PSI= 1.00

Crane : *** AC 200-1 *** mit HKHI fuer GA und MS

Outrigger width	=	18.7 ft	Outrigger length	=	27.7 ft
Outrigger "A" X	=	12.0 ft	Outrigger "A" Y	=	9.4 ft
Outrigger "B" X	=	12.0 ft	Outrigger "B" Y	=	-9.4 ft

Outrigger "C" X = -15.7 ft Outrigger "C" Y = 9.4 ft
 Outrigger "D" X = -15.7 ft Outrigger "D" Y = -9.4 ft

Main boom and fixed jib (jib angle 20.0 degrees)
 Length of main boom = 40.7 ft Length of jib = 29.5 ft
 Main boom sequence = 0-0-0-0-0-0 % LK = 1
 Counterweight = 55.8 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]								(Pos.[Degrees])				0-360 Degr.
		1(0)		2(...)				3(90)		6(...)				
		A	B	C	D	A	B	C	D	A	B	C	D	
16.4	34.2	48	48	62	62	41	62	50	66(59)	43	68	45	64	
		50	70	42	57(128)	63	63	47	47	70	50	57	42(232)	
19.7	31.5	49	49	59	59	44	60	50	63(59)	45	64	47	61	
		51	65	45	56(128)	60	60	48	48	65	51	56	45(232)	
23.0	29.3	50	50	57	57	47	57	51	59(59)	48	60	49	58	
		51	61	47	55(128)	58	58	50	50	61	51	55	47(232)	
26.2	27.6	52	52	54	54	50	55	52	56(59)	51	56	51	55	
		52	57	50	53(128)	55	55	51	51	57	52	53	50(232)	
29.5	25.8	53	53	52	52	53	53	52	52(59)	53	53	52	52	
		53	53	52	52(127)	53	53	52	52	53	53	52	52(232)	
32.8	24.3	54	54	50	50	56	51	53	49(59)	55	50	54	50	
		54	49	55	51(128)	51	51	54	54	49	54	51	55(232)	
39.4	21.8	57	57	47	47	61	47	54	44(59)	60	44	58	45	
		55	42	60	50(128)	47	47	56	56	42	55	50	60(232)	
45.9	19.8	59	59	43	43	62	56	45	41(11)	65	38	61	41	
		65	38	61	41(90)	43	43	59	59	38	65	41	61(270)	
52.5	18.3	62	62	40	40	69	52	47	34(27)	69	32	65	37	
		68	31	66	38(98)	40	40	62	62	31	67	39	67(261)	

HA= 40.7 HI= 29.5 GGW= 55.8 SL= 0.0 MAX(A,B,C,D)= 6.5 6.5 6.2 6.2

Main boom and fixed jib (jib angle 20.0 degrees)
 Length of main boom = 54.5 ft Length of jib = 29.5 ft
 Main boom sequence = 0-0-0-0-0-45 % LK = 7
 Counterweight = 55.8 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]								(Pos.[Degrees])				0-360 Degr.
		1(0)		2(...)				3(90)		6(...)				
		A	B	C	D	A	B	C	D	A	B	C	D	
19.7	33.1	50	50	59	59	45	60	51	63(59)	46	64	47	61	
		51	65	45	56(128)	60	60	49	49	65	51	56	45(232)	
23.0	31.1	51	51	57	57	48	58	52	59(59)	49	60	49	58	
		52	61	48	55(128)	58	58	50	50	61	52	55	48(232)	
26.2	29.1	52	52	55	55	51	55	52	56(59)	51	56	51	55	
		53	57	51	54(128)	55	55	52	52	57	53	54	51(232)	
29.5	27.8	54	54	52	52	54	53	53	52(59)	54	53	53	52	
		54	53	54	53(127)	53	53	53	53	53	54	53	54(232)	
32.8	26.2	55	55	50	50	57	51	54	49(59)	57	50	55	50	
		54	49	56	52(128)	51	51	55	55	49	54	52	56(232)	
39.4	23.8	58	58	47	47	63	47	55	43(59)	61	43	59	45	
		56	42	61	50(128)	47	47	57	57	42	56	50	61(232)	

45.9 21.8 60 60 43 43 63 56 46 41(14) 66 38 62 41
 66 38 62 41(90) 43 43 60 60 38 66 41 62(270)
 52.5 20.3 63 63 40 40 70 52 48 34(28) 71 32 66 37
 69 31 67 39(99) 40 40 63 63 31 68 39 67(260)
 59.1 18.7 65 65 37 37 76 49 49 29(34) 75 27 69 33
 70 24 72 37(105) 37 37 65 65 24 70 37 72(254)
 65.6 17.9 68 68 33 33 82 46 51 23(39) 80 22 73 28
 73 17 77 35(109) 33 33 68 68 17 72 36 77(250)

 HA= 54.5 HI= 29.5 GGW= 55.8 SL= 0.0 MAX(A,B,C,D)= 7.7 6.7 7.2 7.2

Main boom and fixed jib (jib angle 20.0 degrees)
 Length of main boom = 68.6 ft Length of jib = 29.5 ft
 Main boom sequence = 0-0-0-0-0-90 % LK = 13
 Counterweight = 55.8 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.			
	1(0)				2(...)							
	3(90)				4(...)							
	A	B	C	D	A	B	C	D	A	B	C	D
23.0 31.7	51	51	57	57	48	58	52	59(59)	49	60	50	58
	52	61	48	55(128)	58	58	50	50	61	52	55	48(232)
26.2 30.2	53	53	55	55	52	55	53	56(59)	52	56	52	55
	53	57	51	54(127)	56	56	52	52	57	53	54	51(232)
29.5 28.7	54	54	52	52	55	53	53	52(59)	55	53	54	52
	54	53	54	53(127)	53	53	54	54	53	54	53	54(232)
32.8 27.6	56	56	50	50	58	51	54	49(59)	58	49	56	50
	55	49	57	52(128)	51	51	55	55	49	55	52	57(232)
39.4 25.4	59	59	47	47	64	47	56	43(59)	63	43	60	45
	63	43	60	45(90)	47	47	58	58	43	63	45	60(270)
45.9 23.1	61	61	43	43	65	57	47	40(16)	67	37	63	41
	67	37	63	41(90)	43	43	61	61	37	67	41	63(270)
52.5 21.2	63	63	40	40	70	53	48	35(27)	71	33	66	37
	69	31	67	39(99)	40	40	63	63	31	68	39	68(260)
59.1 19.2	65	65	37	37	75	50	49	30(33)	74	28	68	34
	70	26	71	37(104)	38	38	64	64	26	69	38	71(255)
65.6 17.6	66	66	35	35	79	47	50	26(37)	77	24	71	31
	71	21	75	36(107)	35	35	66	66	21	71	36	75(252)
72.2 16.3	68	68	32	32	83	45	51	22(40)	80	20	73	27
	72	16	78	35(110)	32	32	68	68	16	72	35	78(249)
78.7 15.2	70	70	30	30	87	44	51	18(39)	84	16	76	24
	74	11	82	34(112)	30	30	70	70	11	73	34	82(247)
85.3 13.9	71	71	28	28	90	42	52	15(41)	86	13	78	22
	77	7	84	30(109)	28	28	72	72	7	77	31	84(250)

 HA= 68.6 HI= 29.5 GGW= 55.8 SL= 0.0 MAX(A,B,C,D)= 8.4 7.1 7.8 7.8

Main boom and fixed jib (jib angle 20.0 degrees)
 Length of main boom = 70.2 ft Length of jib = 29.5 ft
 Main boom sequence = 0-0-0-0-0-100 % LK = 14
 Counterweight = 55.8 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.
	1(0)				2(...)				
	3(90)				4(...)				

	4(...)				5(180)				6(...)				
	A	B	C	D	A	B	C	D	A	B	C	D	
23.0	32.0	52	52	57	57	49	58	52	59(59)	49	60	50	58
		52	61	49	55(128)	58	58	50	50	61	52	55	49(232)
26.2	30.0	53	53	55	55	51	56	52	56(59)	52	57	52	55
		53	57	51	54(128)	56	56	52	52	57	53	54	51(232)
29.5	28.0	54	54	53	53	54	54	53	53(59)	54	53	53	53
		54	53	53	53(127)	54	54	53	53	53	54	53	53(232)
32.8	26.2	55	55	51	51	56	52	53	50(59)	56	50	54	50
		54	50	55	52(128)	52	52	54	54	50	54	52	55(232)
39.4	23.4	57	57	48	48	61	48	54	45(59)	60	45	58	46
		55	44	59	50(128)	48	48	56	56	44	55	50	59(232)
45.9	20.7	58	58	45	45	64	45	55	41(59)	63	40	60	43
		63	40	60	43(90)	45	45	58	58	40	63	43	60(270)
52.5	18.7	60	60	42	42	64	55	46	39(17)	66	36	62	39
		66	36	62	39(90)	42	42	60	60	36	66	40	62(269)
59.1	17.0	62	62	39	39	69	52	47	34(26)	69	32	65	36
		67	31	66	38(98)	39	39	62	62	30	67	38	66(261)
65.6	15.7	63	63	37	37	73	50	48	30(32)	72	28	67	33
		69	25	70	37(103)	37	37	63	63	25	68	37	70(256)
72.2	14.3	65	65	35	35	77	47	49	26(36)	75	24	69	30
		70	21	73	36(107)	35	35	65	65	21	69	36	73(252)
78.7	13.2	67	67	33	33	81	45	50	22(39)	78	21	72	28
		71	17	76	35(109)	32	32	67	67	17	71	35	76(250)
85.3	12.6	69	69	30	30	85	44	50	18(39)	82	16	75	24
		73	11	80	34(112)	30	30	69	69	11	72	34	80(247)

HA= 70.2 HI= 29.5 GGW= 55.8 SL= 0.0 MAX(A,B,C,D)= 7.9 6.7 7.5 7.5

Main boom and fixed jib (jib angle 20.0 degrees)
Length of main boom = 82.3 ft Length of jib = 29.5 ft
Main boom sequence = 0-0-0-0-45-90 % LK = 20
Counterweight = 55.8 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
	1(0)				2(...)								
	4(...)				5(180)				6(...)				
	A	B	C	D	A	B	C	D	A	B	C	D	
26.2	31.1	54	54	54	54	53	55	53	55(59)	53	56	52	55
		54	56	52	54(127)	55	55	53	53	56	54	54	52(232)
29.5	29.8	55	55	52	52	56	53	54	52(59)	56	52	55	52
		55	52	55	53(127)	53	53	54	54	52	55	53	55(232)
32.8	28.4	57	57	50	50	59	51	55	49(59)	59	49	57	49
		56	48	58	52(128)	51	51	56	56	48	56	52	58(232)
39.4	26.2	60	60	46	46	65	47	56	42(59)	64	43	61	44
		64	43	61	44(90)	47	47	59	59	43	64	44	61(270)
45.9	24.5	62	62	43	43	67	56	48	39(21)	69	36	65	40
		68	36	65	40(94)	43	43	62	62	35	68	41	65(265)
52.5	22.7	65	65	39	39	74	52	49	33(31)	73	31	68	36
		70	29	70	39(102)	39	39	64	64	29	70	39	70(257)
59.1	20.9	67	67	36	36	79	49	50	28(36)	77	26	71	32
		71	23	74	37(107)	36	36	67	67	23	71	38	75(252)
65.6	19.2	68	68	34	34	83	46	52	24(39)	80	22	73	29
		73	18	78	36(109)	34	34	68	68	18	73	36	78(250)

72.2	17.9	70	70	31	31	87	44	52	20(41)	84	18	76	26
		74	13	81	34(111)	31	31	70	70	13	74	35	81(248)
78.7	16.3	71	71	29	29	90	44	52	17(40)	86	15	78	23
		75	9	84	34(113)	29	29	72	72	9	74	34	84(246)
85.3	14.1	71	71	28	28	90	43	51	16(40)	86	13	78	22
		77	8	83	30(108)	28	28	71	71	8	77	31	83(251)
91.9	12.1	71	71	28	28	89	42	51	15(40)	86	12	77	22
		77	7	83	30(108)	27	27	71	71	7	77	30	83(251)
98.4	10.6	71	71	27	27	90	41	51	13(41)	86	11	78	20
		77	6	84	29(109)	26	26	72	72	6	77	30	84(250)

HA= 82.3 HI= 29.5 GGW= 55.8 SL= 0.0 MAX(A,B,C,D)= 8.4 7.1 7.8 7.8

Main boom and fixed jib (jib angle 20.0 degrees)

Length of main boom = 84.0 ft Length of jib = 29.5 ft
 Main boom sequence = 0-0-0-0-45-100 % LK = 21
 Counterweight = 55.8 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
	1(0)		2(...)		3(90)		6(...)						
	A	B	C	D	A	B	C	D	A	B	C	D	
26.2	30.9	53	53	55	55	52	55	53	55(59)	53	56	52	55
		54	56	52	54(127)	56	56	52	52	56	54	54	52(232)
29.5	29.1	55	55	52	52	55	53	54	52(59)	55	53	54	52
		54	53	54	53(127)	53	53	54	54	53	54	53	54(232)
32.8	27.6	56	56	50	50	58	51	54	49(59)	57	50	56	50
		55	49	57	52(128)	51	51	55	55	49	55	52	57(232)
39.4	24.5	58	58	47	47	62	48	55	44(59)	61	44	59	46
		56	43	60	50(128)	48	48	57	57	43	56	50	60(232)
45.9	22.0	60	60	44	44	61	58	45	43(8)	65	39	61	42
		65	39	61	42(90)	44	44	59	59	39	65	42	61(270)
52.5	20.1	61	61	41	41	67	54	47	37(23)	68	34	64	38
		67	34	65	39(95)	41	41	61	61	34	67	39	65(264)
59.1	18.5	63	63	38	38	72	51	48	32(31)	72	30	67	35
		69	28	69	38(102)	38	38	63	63	28	69	38	69(257)
65.6	17.0	65	65	36	36	76	48	49	28(35)	75	26	69	32
		70	23	72	37(106)	36	36	65	65	23	70	37	73(253)
72.2	15.7	67	67	34	34	80	46	50	24(38)	78	22	71	29
		71	19	75	35(108)	34	34	67	67	18	71	35	76(251)
78.7	14.6	68	68	31	31	84	44	51	21(40)	81	19	74	26
		72	14	79	34(111)	31	31	69	69	14	72	35	79(248)
85.3	13.7	70	70	29	29	88	43	51	17(40)	84	15	76	23
		74	9	82	33(112)	29	29	71	71	9	73	34	82(247)
91.9	12.1	71	71	28	28	89	42	51	15(40)	85	13	77	22
		77	8	82	30(108)	27	27	71	71	8	76	30	83(251)
98.4	10.6	71	71	27	27	90	41	51	14(41)	86	11	78	21
		77	6	83	30(109)	26	26	71	71	6	76	30	83(250)

HA= 84.0 HI= 29.5 GGW= 55.8 SL= 0.0 MAX(A,B,C,D)= 8.4 7.1 7.7 7.7

Main boom and fixed jib (jib angle 20.0 degrees)

Length of main boom = 96.5 ft Length of jib = 29.5 ft
 Main boom sequence = 0-0-0-0-90-90 % LK = 28

Counterweight = 55.8 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.
	1(0)		2(...)		3(90)		6(...)		
	A	B	C	D	A	B	C	D	
29.5 30.0	55	55	52	52	56	53	54	52	(59) 56 52 55 52
	55	52	55	53	(127) 53	53	54	54	52 55 53 55(232)
32.8 28.9	57	57	50	50	60	51	55	48	(59) 59 49 57 49
	56	48	58	52	(128) 51	51	56	56	48 56 52 58(232)
39.4 26.9	60	60	46	46	67	47	57	42	(59) 65 42 61 44
	65	42	61	44	(90) 47	47	60	60	42 65 44 61(270)
45.9 25.1	63	63	42	42	69	56	48	38	(23) 70 36 65 39
	69	35	66	40	(95) 43	43	62	62	35 69 40 66(264)
52.5 23.4	65	65	39	39	75	52	50	32	(32) 75 30 69 35
	71	28	71	38	(103) 39	39	65	65	28 71 39 71(256)
59.1 21.6	67	67	36	36	80	49	51	27	(37) 78 25 72 31
	73	22	75	37	(107) 36	36	67	67	22 72 37 76(252)
65.6 20.1	69	69	33	33	85	46	52	22	(40) 82 21 75 28
	74	17	79	35	(110) 33	33	69	69	16 73 36 79(249)
72.2 18.5	71	71	31	31	88	45	51	19	(39) 85 17 77 25
	75	12	82	34	(112) 31	31	71	71	12 74 35 83(247)
78.7 16.3	71	71	29	29	89	44	52	17	(40) 86 15 77 23
	75	9	83	34	(113) 29	29	71	71	9 74 34 84(246)
85.3 14.1	71	71	29	29	89	43	51	16	(40) 85 14 77 23
	77	9	82	31	(108) 28	28	71	71	9 77 31 83(251)
91.9 12.3	71	71	28	28	89	42	51	15	(40) 86 13 77 22
	77	8	83	30	(108) 27	27	71	71	7 77 30 83(251)
98.4 10.6	71	71	27	27	89	42	50	14	(40) 85 12 77 21
	77	7	82	29	(108) 27	27	71	71	7 76 30 83(251)
105.0 9.3	71	71	26	26	90	40	51	13	(41) 86 11 78 20
	77	5	83	29	(109) 26	26	71	71	5 76 30 84(250)
111.5 7.9	71	71	26	26	90	40	50	12	(41) 86 10 78 19
	77	4	84	28	(109) 25	25	71	71	4 76 29 84(250)

HA= 96.5 HI= 29.5 GGW= 55.8 SL= 0.0 MAX(A,B,C,D)= 8.4 7.1 7.8 7.8

Main boom and fixed jib (jib angle 20.0 degrees)
 Length of main boom = 100.4 ft Length of jib = 29.5 ft
 Main boom sequence = 0-0-0-0-100-100 % LK = 29
 Counterweight = 55.8 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.
	1(0)		2(...)		3(90)		6(...)		
	A	B	C	D	A	B	C	D	
29.5 29.3	55	55	52	52	56	53	54	52	(59) 55 53 54 52
	54	52	54	53	(127) 53	53	54	54	52 54 53 54(232)
32.8 27.8	56	56	50	50	58	51	54	49	(59) 58 50 56 50
	55	49	57	52	(128) 51	51	55	55	49 55 52 57(232)
39.4 25.1	58	58	47	47	63	48	56	43	(59) 62 44 59 45
	62	44	59	45	(90) 47	47	58	58	44 62 45 59(270)
45.9 22.9	60	60	44	44	63	57	46	41	(13) 66 38 62 41
	66	38	62	41	(90) 44	44	60	60	38 66 41 62(270)

52.5	21.2	63	63	41	41	70	54	48	35(26)	70	33	65	37
		68	32	67	39(98)	41	41	62	62	32	68	39	67(261)
59.1	19.2	64	64	38	38	74	50	49	31(32)	73	29	68	34
		70	27	70	38(103)	38	38	64	64	27	69	38	70(256)
65.6	17.6	66	66	35	35	78	48	50	27(36)	76	25	70	31
		71	22	74	37(107)	35	35	66	66	22	70	37	74(252)
72.2	16.1	67	67	33	33	81	46	50	24(38)	79	22	72	29
		72	18	76	35(109)	33	33	67	67	18	71	36	77(250)
78.7	14.6	68	68	32	32	84	44	51	21(40)	81	19	73	26
		73	15	78	34(110)	32	32	68	68	14	72	35	78(249)
85.3	13.7	70	70	29	29	87	44	50	17(39)	84	15	76	24
		74	10	82	33(112)	29	29	70	70	10	73	34	82(247)
91.9	12.3	71	71	28	28	89	42	51	15(40)	85	13	77	22
		77	8	82	30(108)	28	28	71	71	8	77	30	83(251)
98.4	10.8	71	71	27	27	90	41	51	14(41)	86	12	77	21
		77	6	83	30(109)	27	27	71	71	6	76	30	83(250)
105.0	9.3	70	70	27	27	90	41	51	13(41)	86	11	77	21
		76	6	83	29(109)	26	26	71	71	6	76	30	83(250)
111.5	8.2	71	71	26	26	90	40	50	12(41)	86	9	78	19
		77	4	84	28(109)	25	25	71	71	4	76	29	84(250)

HA=100.4 HI= 29.5 GGW= 55.8 SL= 0.0 MAX(A,B,C,D)= 8.4 7.1 7.8 7.8

Main boom and fixed jib (jib angle 20.0 degrees)
 Length of main boom = 110.2 ft Length of jib = 29.5 ft
 Main boom sequence = 0-0-0-45-90-90 % LK = 36
 Counterweight = 55.8 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
	1(0)		2(...)		3(90)		6(...)						
	A	B	C	D	A	B	C	D	A	B	C	D	
32.8	29.3	58	58	50	50	61	51	55	47(59)	60	48	58	49
		56	47	59	52(128)	50	50	57	57	47	56	52	59(232)
39.4	27.6	61	61	45	45	62	60	47	44(7)	66	41	62	43
		66	41	62	43(90)	46	46	60	60	41	66	43	62(270)
45.9	25.8	64	64	41	41	71	54	49	36(27)	72	34	67	38
		70	33	68	40(98)	42	42	63	63	33	70	40	68(261)
52.5	24.3	67	67	38	38	78	50	51	30(35)	77	28	71	34
		72	26	74	38(105)	38	38	66	66	25	72	38	74(254)
59.1	22.7	69	69	34	34	84	47	52	24(39)	81	23	74	30
		74	19	78	36(109)	35	35	69	69	19	74	37	78(250)
65.6	21.2	72	72	32	32	89	44	54	20(42)	85	18	77	26
		75	13	82	35(112)	32	32	71	71	13	75	36	83(247)
72.2	18.7	72	72	30	30	90	44	52	18(40)	86	16	78	24
		75	10	84	34(113)	30	30	72	72	10	75	35	84(246)
78.7	16.1	71	71	29	29	89	44	52	17(40)	86	15	78	23
		75	9	84	34(113)	29	29	72	72	9	74	34	84(246)
85.3	13.9	71	71	28	28	89	43	51	16(40)	86	13	77	22
		77	9	83	30(108)	28	28	71	71	8	77	31	83(251)
91.9	11.9	71	71	28	28	89	42	51	15(40)	85	13	77	22
		77	8	82	30(108)	27	27	71	71	8	76	30	83(251)
98.4	10.4	71	71	27	27	90	41	51	14(41)	86	11	77	21
		77	6	83	30(109)	26	26	71	71	6	76	30	83(250)

105.0	9.0	71	71	26	26	90	40	51	13(41)	86	10	78	20
		77	5	83	29(109)	26	26	71	71	5	76	29	84(250)
111.5	7.7	71	71	26	26	90	40	50	12(41)	86	9	78	19
		77	4	84	28(109)	25	25	71	71	4	76	29	84(250)
118.1	6.8	71	71	25	25	92	39	51	11(42)	87	8	78	18
		77	2	85	28(110)	24	24	72	72	2	76	28	85(249)
124.7	5.7	71	71	24	24	92	38	51	10(42)	87	7	79	17
		77	1	85	28(110)	23	23	72	72	1	76	28	85(249)

 HA=110.2 HI= 29.5 GGW= 55.8 SL= 0.0 MAX(A,B,C,D)= 8.5 7.1 7.9 7.9

Main boom and fixed jib (jib angle 20.0 degrees)

Length of main boom = 114.5 ft Length of jib = 29.5 ft

Main boom sequence = 0-0-0-45-100-100 % LK = 37

Counterweight = 55.8 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.
	1(0)		2(...)		3(90)				
	4(...)	5(180)	6(...)						
A B C D	A B C D	A B C D	A B C D						
32.8 28.0	56 56 50 50	59 51 54 49(59)	58 49 56 49						
	56 48 57 52(128)	51 51 56 56	48 56 52 57(232)						
39.4 25.6	59 59 46 46	65 47 56 43(59)	63 43 60 45						
	63 43 60 45(90)	47 47 58 58	43 63 45 60(270)						
45.9 23.6	62 62 43 43	66 56 47 39(19)	68 37 64 40						
	68 37 64 40(91)	43 43 61 61	37 67 41 64(268)						
52.5 21.8	64 64 40 40	72 53 49 34(29)	72 32 67 36						
	69 30 69 39(101)	40 40 63 63	30 69 39 69(258)						
59.1 20.1	66 66 37 37	77 49 50 29(35)	76 27 70 33						
	71 24 73 37(106)	37 37 66 66	24 70 38 73(253)						
65.6 18.5	68 68 34 34	81 47 51 25(38)	79 23 72 30						
	72 19 77 36(109)	34 34 67 67	19 72 37 77(250)						
72.2 17.2	69 69 32 32	86 44 52 21(41)	82 19 75 26						
	73 14 80 35(111)	32 32 69 69	14 73 35 80(248)						
78.7 15.9	71 71 30 30	89 44 52 17(40)	85 15 77 24						
	75 10 83 34(112)	29 29 71 71	10 74 34 83(247)						
85.3 13.9	71 71 28 28	89 43 51 16(40)	86 14 77 22						
	77 9 82 30(108)	28 28 71 71	9 77 31 83(251)						
91.9 12.1	71 71 28 28	89 42 51 15(40)	86 13 77 22						
	77 7 83 30(108)	27 27 71 71	7 77 30 83(251)						
98.4 10.4	71 71 27 27	89 42 50 14(40)	85 12 77 21						
	77 7 82 29(108)	27 27 71 71	7 76 30 83(251)						
105.0 9.0	71 71 26 26	90 40 51 13(41)	86 11 77 20						
	77 6 83 29(109)	26 26 71 71	5 76 30 83(250)						
111.5 7.9	71 71 26 26	91 40 50 12(41)	86 9 78 19						
	77 4 84 28(109)	25 25 71 71	4 76 29 84(250)						
118.1 6.8	71 71 25 25	91 39 50 11(41)	87 8 78 18						
	77 3 84 28(109)	24 24 72 72	3 77 28 84(250)						
124.7 6.0	71 71 24 24	92 38 51 10(42)	88 7 79 17						
	77 1 85 27(110)	23 23 72 72	1 77 28 86(249)						

 HA=114.5 HI= 29.5 GGW= 55.8 SL= 0.0 MAX(A,B,C,D)= 8.6 7.1 7.9 7.9

Main boom and fixed jib (jib angle 20.0 degrees)

Length of main boom = 124.3 ft Length of jib = 29.5 ft
 Main boom sequence = 0-0-0-90-90-90 % LK = 45
 Counterweight = 55.8 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]								(Pos.[Degrees])				0-360 Degr.	
		1(0)				2(...)				3(90)					
		A	B	C	D	A	B	C	D	A	B	C	D		
39.4	27.6	61	61	45	45	63	59	47	44	(9)	67	41	63	43	
		67	41	63	43	(90)	46	46	61	61	41	67	43	63	(270)
45.9	26.0	65	65	41	41	72	54	49	35	(28)	72	34	67	38	
		70	32	69	40	(100)	42	42	64	64	32	70	40	69	(259)
52.5	24.7	68	68	37	37	80	50	51	29	(36)	78	27	72	33	
		73	24	75	38	(107)	38	38	67	67	24	72	39	75	(252)
59.1	23.1	70	70	34	34	86	47	53	23	(40)	83	22	75	29	
		75	17	80	36	(110)	34	34	70	70	17	74	37	80	(249)
65.6	21.8	73	73	30	30	91	45	53	18	(40)	87	17	79	25	
		76	11	85	35	(113)	31	31	73	73	11	76	35	85	(246)
72.2	18.5	72	72	30	30	90	44	52	17	(40)	86	15	78	24	
		75	10	84	34	(113)	30	30	72	72	10	75	35	84	(246)
78.7	15.9	72	72	29	29	90	43	52	16	(40)	86	14	78	23	
		78	9	83	31	(108)	29	29	72	72	9	77	31	83	(251)
85.3	13.7	71	71	28	28	90	43	51	15	(40)	86	13	78	22	
		77	8	83	30	(108)	28	28	71	71	8	77	31	83	(251)
91.9	11.7	71	71	28	28	89	42	51	15	(40)	86	12	77	22	
		77	7	83	30	(108)	27	27	71	71	7	77	30	83	(251)
98.4	10.1	71	71	27	27	90	41	51	14	(41)	86	11	77	21	
		77	6	83	29	(109)	26	26	71	71	6	76	30	83	(250)
105.0	8.8	71	71	26	26	90	40	51	13	(41)	86	10	78	20	
		77	5	84	29	(109)	26	26	71	71	5	76	29	84	(250)
111.5	7.5	71	71	26	26	90	40	50	12	(41)	86	9	78	19	
		77	4	84	28	(109)	25	25	71	71	4	76	29	84	(250)
118.1	6.6	71	71	24	24	92	39	51	10	(42)	87	8	79	18	
		77	2	85	28	(110)	24	24	72	72	2	76	28	85	(249)
124.7	5.5	71	71	24	24	92	38	51	10	(42)	87	7	78	17	
		77	1	85	28	(110)	23	23	72	72	1	76	28	85	(249)
131.2	4.6	71	71	24	24	92	38	51	9	(42)	88	6	79	17	
		77	0	85	27	(110)	23	23	72	72	0	76	28	86	(249)
137.8	3.7	71	71	23	23	93	37	50	8	(42)	88	6	79	16	
		77	0	86	26	(110)	22	22	72	72	0	76	26	86	(249)

HA=124.3 HI= 29.5 GGW= 55.8 SL= 0.0 MAX(A,B,C,D)= 8.6 7.2 8.0 8.0

Main boom and fixed jib (jib angle 20.0 degrees)

Length of main boom = 130.9 ft Length of jib = 29.5 ft
 Main boom sequence = 0-0-0-100-100-100 % LK = 46
 Counterweight = 55.8 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]								(Pos.[Degrees])				0-360 Degr.	
		1(0)				2(...)				3(90)					
		A	B	C	D	A	B	C	D	A	B	C	D		
39.4	25.6	59	59	46	46	65	47	56	42	(59)	63	42	61	44	
		63	42	61	44	(90)	47	47	59	59	42	63	44	61	(270)

45.9	23.6	62	62	43	43	67	56	47	39(20)	68	36	64	40
		68	36	65	40(93)	43	43	62	62	36	68	41	65(266)
52.5	22.0	65	65	39	39	74	52	49	33(31)	73	31	68	35
		70	29	70	39(102)	39	39	64	64	29	70	39	70(257)
59.1	20.5	67	67	36	36	79	49	50	27(36)	77	26	71	32
		72	22	75	37(107)	36	36	67	67	22	71	37	75(252)
65.6	19.2	69	69	33	33	84	45	52	22(40)	81	21	74	28
		73	17	79	35(110)	33	33	69	69	17	73	36	79(249)
72.2	17.9	71	71	30	30	88	45	51	19(39)	85	17	77	25
		75	12	82	34(112)	30	30	71	71	11	74	35	82(247)
78.7	15.9	71	71	29	29	90	43	52	17(40)	86	14	78	23
		78	9	83	31(108)	29	29	72	72	9	77	32	83(251)
85.3	13.7	71	71	28	28	90	43	51	15(40)	86	13	77	22
		77	8	83	30(108)	28	28	71	71	8	77	31	83(251)
91.9	11.7	71	71	28	28	89	42	51	15(40)	86	13	77	22
		77	8	82	30(108)	27	27	71	71	7	77	30	83(251)
98.4	10.1	71	71	27	27	90	41	51	14(41)	86	11	77	21
		77	6	83	30(109)	26	26	71	71	6	76	30	83(250)
105.0	8.8	71	71	26	26	90	40	51	13(41)	86	10	78	20
		77	5	84	29(109)	26	26	71	71	5	76	29	84(250)
111.5	7.5	71	71	26	26	90	40	50	12(41)	86	9	78	19
		77	4	84	28(109)	25	25	71	71	4	76	29	84(250)
118.1	6.6	71	71	25	25	92	39	51	11(42)	87	8	78	18
		77	2	85	28(110)	24	24	72	72	2	76	28	85(249)
124.7	5.5	71	71	24	24	91	38	51	10(42)	87	7	78	18
		77	2	85	28(110)	24	24	72	72	2	76	28	85(249)
131.2	4.6	71	71	24	24	92	38	50	9(42)	88	6	79	17
		77	1	85	27(110)	23	23	72	72	0	76	28	85(249)
137.8	3.7	71	71	23	23	92	37	50	9(42)	88	6	79	17
		77	0	85	27(110)	22	22	72	72	0	76	27	86(249)
144.4	2.9	71	71	23	23	92	37	50	8(42)	87	6	79	16
		76	0	86	26(110)	22	22	72	72	0	75	26	86(249)

 HA=130.9 HI= 29.5 GGW= 55.8 SL= 0.0 MAX(A,B,C,D)= 8.6 7.2 7.9 8.0

Main boom and fixed jib (jib angle 20.0 degrees)
 Length of main boom = 138.1 ft Length of jib = 29.5 ft
 Main boom sequence = 0-0-45-90-90-90 % LK = 54
 Counterweight = 55.8 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
	1(0)		2(...)		3(90)		6(...)						
	A	B	C	D	A	B	C	D	A	B	C	D	
45.9	26.2	65	65	40	40	74	54	50	34(30)	74	33	68	37
		71	31	70	39(101)	41	41	65	65	30	71	40	71(258)
52.5	24.9	69	69	36	36	82	49	52	27(37)	80	26	73	32
		73	22	77	38(108)	37	37	68	68	22	73	38	77(251)
59.1	23.6	72	72	33	33	88	46	54	21(41)	85	20	77	27
		76	15	82	36(111)	33	33	71	71	15	75	36	82(248)
65.6	21.2	73	73	30	30	91	45	53	18(40)	87	16	78	24
		76	11	85	35(113)	31	31	73	73	11	76	35	85(246)
72.2	17.9	72	72	30	30	90	44	52	17(40)	86	15	78	24
		75	10	84	34(113)	30	30	72	72	9	75	35	84(246)

78.7	15.2	71	71	29	29	90	43	51	16(40)	86	14	78	23
	78	9	83	31(108)	29	29	72	72	9	77	31	83(251)	
85.3	13.0	71	71	28	28	90	43	51	15(40)	86	13	78	22
	77	8	83	30(108)	28	28	71	71	8	77	30	83(251)	
91.9	11.2	71	71	27	27	90	41	51	14(41)	86	11	78	21
	77	6	83	30(109)	27	27	71	71	6	76	30	84(250)	
98.4	9.7	71	71	26	26	91	41	51	13(41)	87	10	78	20
	77	5	84	29(109)	26	26	72	72	5	77	30	84(250)	
105.0	8.2	71	71	26	26	90	40	50	12(41)	86	10	78	19
	77	4	84	28(109)	25	25	71	71	4	76	29	84(250)	
111.5	7.1	71	71	25	25	91	39	50	11(41)	87	8	78	18
	77	3	84	28(109)	24	24	72	72	3	77	28	85(250)	
118.1	6.0	71	71	24	24	92	38	51	10(42)	87	7	79	18
	77	2	85	28(110)	24	24	72	72	2	76	28	85(249)	
124.7	4.9	71	71	24	24	92	38	51	10(42)	87	7	78	17
	77	1	85	27(110)	23	23	72	72	1	76	28	85(249)	
131.2	4.0	71	71	23	23	92	37	50	9(42)	88	6	79	17
	77	0	85	27(110)	22	22	72	72	0	76	27	86(249)	
137.8	3.1	71	71	23	23	92	37	50	8(42)	88	5	79	16
	76	0	86	26(110)	22	22	72	72	0	75	26	86(249)	

 HA=138.1 HI= 29.5 GGW= 55.8 SL= 0.0 MAX(A,B,C,D)= 8.6 7.2 8.0 8.0

Main boom and fixed jib (jib angle 20.0 degrees)

Length of main boom = 145.0 ft Length of jib = 29.5 ft

Main boom sequence = 0-0-45-100-100-100 % LK = 55

Counterweight = 55.8 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
	1(0)		2(...)		3(90)		6(...)						
	A	B	C	D	A	B	C	D	A	B	C	D	
45.9	23.8	63	63	42	42	69	55	48	37(24)	70	35	65	39
		69	34	66	40(96)	42	42	62	62	34	68	40	66(263)
52.5	22.3	65	65	38	38	76	51	50	31(33)	75	30	69	35
		71	27	72	38(104)	39	39	65	65	27	70	39	72(255)
59.1	20.9	68	68	35	35	82	48	51	25(38)	79	24	73	30
		73	20	77	36(108)	35	35	68	68	20	73	37	77(251)
65.6	19.6	71	71	32	32	87	45	53	21(41)	84	19	76	26
		75	14	81	35(111)	32	32	70	70	14	74	35	81(248)
72.2	18.1	72	72	29	29	90	44	52	17(40)	87	15	78	23
		76	9	84	34(113)	29	29	72	72	9	75	34	85(246)
78.7	15.2	71	71	29	29	90	43	51	16(40)	86	14	78	23
		78	9	83	31(108)	29	29	71	71	9	77	31	83(251)
85.3	13.0	71	71	28	28	89	43	51	15(40)	86	13	77	22
		77	8	83	30(108)	28	28	71	71	8	77	31	83(251)
91.9	11.2	71	71	27	27	90	41	51	14(41)	86	12	78	21
		77	7	83	30(109)	27	27	71	71	6	76	30	84(250)
98.4	9.7	71	71	26	26	90	41	51	13(41)	86	11	78	20
		77	5	84	29(109)	26	26	72	72	5	76	30	84(250)
105.0	8.2	71	71	26	26	90	40	50	13(41)	86	10	78	20
		77	5	84	29(109)	25	25	71	71	4	76	29	84(250)
111.5	7.1	71	71	25	25	91	40	50	11(41)	87	9	78	19
		77	3	84	28(109)	24	24	72	72	3	77	28	84(250)

118.1	6.0	71	71	24	24	91	38	51	10(42)	87	8	78	18
		77	2	85	28(110)	24	24	72	72	2	76	28	85(249)
124.7	5.1	71	71	24	24	92	38	51	9(42)	88	6	79	17
		77	0	86	27(110)	23	23	72	72	0	77	28	86(249)
131.2	4.0	71	71	24	24	92	37	50	9(42)	87	6	79	17
		77	0	85	27(110)	23	23	72	72	0	76	28	85(249)
137.8	3.1	71	71	23	23	92	37	50	9(42)	87	6	79	16
		77	0	85	26(110)	22	22	72	72	0	76	27	86(249)
144.4	2.2	71	71	23	23	92	37	50	8(42)	87	6	78	16
		76	0	85	26(110)	22	22	72	72	0	75	26	86(249)

HA=145.0 HI= 29.5 GGW= 55.8 SL= 0.0 MAX(A,B,C,D)= 8.6 7.1 7.9 7.9

Main boom and fixed jib (jib angle 20.0 degrees)

Length of main boom = 152.2 ft Length of jib = 29.5 ft

Main boom sequence = 0-0-90-90-90-90 % LK = 62

Counterweight = 55.8 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
	1(0)		2(...)		3(90)		6(...)						
	A	B	C	D	A	B	C	D					
45.9	26.5	66	66	40	40	76	53	50	33(32)	75	32	69	36
		71	29	72	39(103)	40	40	65	65	29	71	40	72(256)
52.5	25.1	70	70	35	35	83	49	52	26(38)	81	25	74	31
		74	21	78	37(109)	36	36	69	69	21	74	38	78(250)
59.1	23.6	73	73	32	32	90	45	54	20(42)	86	19	78	26
		76	14	83	36(112)	32	32	72	72	14	76	36	83(247)
65.6	20.7	73	73	30	30	91	45	53	17(40)	88	16	79	24
		76	10	85	35(113)	30	30	73	73	10	76	35	85(246)
72.2	17.4	72	72	29	29	90	44	52	17(40)	87	15	78	23
		75	9	84	34(113)	29	29	72	72	9	75	34	84(246)
78.7	14.8	72	72	28	28	90	43	51	16(40)	86	13	78	22
		78	9	83	30(108)	28	28	72	72	8	77	31	83(251)
85.3	12.6	71	71	28	28	90	42	52	15(41)	86	12	78	21
		77	7	83	30(109)	27	27	72	72	7	77	31	84(250)
91.9	10.8	71	71	27	27	91	41	51	13(41)	87	11	78	21
		77	6	84	29(109)	26	26	72	72	6	77	30	84(250)
98.4	9.0	71	71	26	26	90	40	51	13(41)	86	10	78	20
		77	5	84	29(109)	26	26	71	71	5	76	29	84(250)
105.0	7.7	71	71	25	25	91	40	50	12(41)	87	9	78	19
		77	4	84	28(109)	25	25	72	72	4	77	29	84(250)
111.5	6.6	71	71	24	24	92	39	51	10(42)	88	8	79	18
		77	2	85	28(110)	24	24	72	72	2	76	28	85(249)
118.1	5.5	71	71	24	24	92	38	51	9(42)	88	7	79	17
		77	1	85	27(110)	23	23	72	72	1	77	28	86(249)
124.7	4.4	71	71	24	24	92	38	50	9(42)	88	6	79	17
		77	0	85	27(110)	23	23	72	72	0	76	28	86(249)
131.2	3.3	71	71	23	23	92	37	50	9(42)	87	6	78	17
		77	0	85	27(110)	22	22	72	72	0	76	27	85(249)
137.8	2.4	71	71	23	23	92	37	50	8(42)	87	6	78	16
		76	0	85	26(110)	22	22	72	72	0	75	26	86(249)

HA=152.2 HI= 29.5 GGW= 55.8 SL= 0.0 MAX(A,B,C,D)= 8.6 7.2 7.9 8.0

 Main boom and fixed jib (jib angle 20.0 degrees)
 Length of main boom = 161.4 ft Length of jib = 29.5 ft
 Main boom sequence = 0-0-100-100-100-100 % LK = 63
 Counterweight = 55.8 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]																(Pos.[Degrees])	0-360 Degr.
		1(0)				2(...)				3(90)				6(...)					
		A	B	C	D	A	B	C	D	A	B	C	D	A	B	C	D		
52.5	22.3	66	66	38	38	77	50	50	30	(34)	76	28	70	34					
		71	26	73	38	(105)	38	38	66	66	25	71	38	73	(254)				
59.1	20.9	69	69	34	34	83	47	52	24	(39)	81	23	73	29					
		73	19	78	36	(109)	34	34	69	69	19	73	37	78	(250)				
65.6	19.8	72	72	31	31	89	46	52	19	(39)	86	17	77	25					
		75	12	83	35	(112)	31	31	72	72	12	75	35	83	(247)				
72.2	17.4	72	72	29	29	90	44	52	17	(40)	87	15	78	23					
		78	10	84	31	(108)	29	29	72	72	9	78	32	84	(251)				
78.7	14.8	72	72	28	28	90	43	51	16	(40)	86	13	78	22					
		78	8	83	30	(108)	28	28	72	72	8	77	31	84	(251)				
85.3	12.6	71	71	28	28	90	42	52	15	(41)	86	12	78	21					
		77	7	84	30	(109)	27	27	72	72	7	77	31	84	(250)				
91.9	10.6	71	71	27	27	90	41	51	14	(41)	86	11	78	21					
		77	6	83	30	(109)	26	26	71	71	6	76	30	84	(250)				
98.4	9.0	71	71	26	26	90	40	51	13	(41)	86	10	78	20					
		77	5	84	29	(109)	26	26	71	71	5	76	29	84	(250)				
105.0	7.7	71	71	25	25	91	40	50	12	(41)	87	9	78	19					
		77	4	84	28	(109)	25	25	72	72	3	77	29	84	(250)				
111.5	6.6	71	71	24	24	92	39	51	10	(42)	88	7	79	18					
		77	2	85	28	(110)	24	24	72	72	2	77	28	85	(249)				
118.1	5.5	71	71	24	24	92	38	51	9	(42)	88	7	79	17					
		77	1	86	27	(110)	23	23	72	72	1	77	28	86	(249)				
124.7	4.2	71	71	24	24	91	38	50	10	(42)	87	7	78	17					
		76	1	85	27	(110)	23	23	72	72	1	76	28	85	(249)				
131.2	3.3	71	71	23	23	92	37	50	9	(42)	87	6	79	17					
		77	0	85	27	(110)	22	22	72	72	0	76	27	85	(249)				
137.8	2.4	71	71	23	23	92	37	50	8	(42)	87	6	79	16					
		76	0	86	26	(110)	22	22	72	72	0	75	26	86	(249)				

 HA=161.4 HI= 29.5 GGW= 55.8 SL= 0.0 MAX(A,B,C,D)= 8.6 7.2 7.9 8.0

Main boom and fixed jib (jib angle 20.0 degrees)
 Length of main boom = 166.0 ft Length of jib = 29.5 ft
 Main boom sequence = 0-45-90-90-90-90 % LK = 68
 Counterweight = 55.8 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]																(Pos.[Degrees])	0-360 Degr.
		1(0)				2(...)				3(90)				6(...)					
		A	B	C	D	A	B	C	D	A	B	C	D	A	B	C	D		
52.5	25.1	71	71	35	35	85	48	53	24	(39)	82	23	75	30					
		75	19	80	37	(110)	35	35	70	70	19	74	38	80	(249)				
59.1	23.4	73	73	31	31	91	46	53	19	(40)	87	17	78	25					
		77	12	84	35	(112)	32	32	73	73	12	76	35	85	(247)				

65.6	19.8	73	73	30	30	91	45	52	17(40)	87	15	79	24
		76	10	85	34(113)	30	30	73	73	10	76	35	85(246)
72.2	16.8	72	72	29	29	91	44	52	16(40)	87	14	78	23
		79	9	84	31(108)	29	29	72	72	9	78	31	84(251)
78.7	14.1	72	72	28	28	91	42	52	15(41)	87	13	78	22
		78	7	84	30(109)	28	28	72	72	7	77	31	84(250)
85.3	11.9	71	71	27	27	91	41	51	14(41)	87	11	78	21
		77	6	84	30(109)	27	27	72	72	6	77	30	84(250)
91.9	9.9	71	71	26	26	91	41	51	13(41)	87	11	78	20
		77	5	84	29(109)	26	26	72	72	5	77	30	84(250)
98.4	8.4	71	71	26	26	91	40	51	12(41)	87	9	78	19
		77	4	84	28(109)	25	25	72	72	4	77	29	84(250)
105.0	7.1	71	71	25	25	92	39	51	11(42)	88	8	79	18
		77	2	85	28(110)	24	24	72	72	2	76	29	85(249)
111.5	5.7	71	71	24	24	92	38	51	10(42)	88	7	79	17
		77	1	85	28(110)	23	23	72	72	1	76	28	85(249)
118.1	4.4	71	71	24	24	91	38	50	10(42)	87	7	78	17
		77	1	85	27(110)	23	23	72	72	1	76	28	85(249)
124.7	3.3	71	71	24	24	91	37	50	9(42)	87	6	78	17
		76	1	85	27(110)	23	23	72	72	0	76	28	85(249)
131.2	2.4	71	71	23	23	92	37	50	8(42)	87	6	78	16
		76	0	85	26(110)	22	22	72	72	0	75	26	86(249)

HA=166.0 HI= 29.5 GGW= 55.8 SL= 0.0 MAX(A,B,C,D)= 8.5 7.3 7.9 8.0

Main boom and fixed jib (jib angle 20.0 degrees)

Length of main boom = 175.5 ft Length of jib = 29.5 ft

Main boom sequence = 0-45-100-100-100-100 % LK = 69

Counterweight = 55.8 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.
		1(0)		2(...)		3(90)		6(...)		
		4(...)		5(180)		6(...)				
		A	B	C	D	A	B	C	D	
52.5	22.3	67	67	37	37	79	50	50	29(35)	77 27 71 33
		72	24	74	37(106)	37	37	67	67	24 72 38 74(253)
59.1	20.9	70	70	33	33	85	46	52	22(40)	82 21 75 28
		74	17	80	36(110)	34	34	70	70	17 74 36 80(249)
65.6	19.4	72	72	30	30	90	45	52	18(40)	86 16 78 24
		75	11	84	35(113)	30	30	72	72	11 75 35 84(246)
72.2	16.5	72	72	29	29	90	44	52	16(40)	87 14 78 23
		78	9	83	31(108)	29	29	72	72	9 78 32 84(251)
78.7	13.9	71	71	28	28	90	43	51	15(40)	86 13 78 22
		78	8	83	30(108)	28	28	72	72	8 77 31 83(251)
85.3	11.9	71	71	27	27	91	41	51	14(41)	87 11 78 21
		77	6	84	30(109)	27	27	72	72	6 77 30 84(250)
91.9	9.9	71	71	26	26	91	41	51	13(41)	86 11 78 20
		77	5	84	29(109)	26	26	72	72	5 77 30 84(250)
98.4	8.4	71	71	26	26	91	40	51	12(41)	87 9 78 19
		77	4	84	28(109)	25	25	72	72	4 77 29 84(250)
105.0	6.8	71	71	25	25	91	40	50	11(41)	87 9 78 19
		77	3	84	28(109)	24	24	72	72	3 77 28 84(250)
111.5	5.7	71	71	24	24	92	38	51	10(42)	88 7 79 18
		77	2	85	28(110)	23	23	72	72	1 76 28 85(249)

118.1 4.4 71 71 24 24 91 38 50 10(42) 87 7 78 17
 77 1 85 27(110) 23 23 72 72 1 76 28 85(249)
 124.7 3.3 71 71 24 24 91 37 50 9(42) 87 6 78 17
 76 1 85 27(110) 23 23 71 71 0 76 28 85(249)
 131.2 2.4 71 71 23 23 92 37 50 9(42) 87 6 78 16
 76 0 85 26(110) 22 22 72 72 0 75 27 86(249)

 HA=175.5 HI= 29.5 GGW= 55.8 SL= 0.0 MAX(A,B,C,D)= 8.5 7.2 7.9 7.9

Main boom and fixed jib (jib angle 20.0 degrees)
 Length of main boom = 180.1 ft Length of jib = 29.5 ft
 Main boom sequence = 0-90-90-90-90-90 % LK = 73
 Counterweight = 55.8 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]								(Pos.[Degrees])				0-360 Degr.											
		1(0)		2(...)				3(90)		4(...)		5(180)			6(...)										
		A	B	C	D	A	B	C	D	A	B	C	D		A	B	C	D							
59.1	21.6	72	72	32	32	89	45	53	20(41)	85	19	77	26	75	14	82	35(112)	32	32	71	71	14	75	36	83(247)
65.6	18.3	71	71	30	30	89	45	51	18(39)	86	16	77	24	75	11	83	34(112)	30	30	71	71	11	75	35	83(247)
72.2	15.2	71	71	29	29	89	43	51	17(40)	85	15	77	23	74	10	83	34(113)	29	29	71	71	9	74	34	83(246)
78.7	12.8	71	71	28	28	89	43	51	16(40)	85	13	77	22	77	9	82	30(108)	28	28	71	71	8	77	31	82(251)
85.3	10.8	71	71	27	27	90	41	51	14(41)	86	12	77	21	77	7	83	30(109)	27	27	71	71	6	76	30	83(250)
91.9	8.8	70	70	27	27	90	41	51	13(41)	86	11	77	21	76	6	83	29(109)	26	26	71	71	6	76	30	83(250)
98.4	7.3	70	70	26	26	90	40	50	12(41)	86	10	77	19	77	4	83	28(109)	25	25	71	71	4	76	29	84(250)
105.0	6.0	71	71	25	25	90	39	50	11(41)	86	8	78	19	77	3	84	28(109)	24	24	71	71	3	76	28	84(250)
111.5	4.6	70	70	24	24	90	39	50	11(41)	86	8	78	18	77	2	84	27(109)	24	24	71	71	2	76	28	84(250)
118.1	3.5	71	71	24	24	91	38	50	10(42)	87	7	78	17	76	1	84	27(110)	23	23	71	71	1	75	28	85(249)
124.7	2.4	70	70	24	24	91	37	50	9(42)	86	6	78	17	76	0	84	27(110)	22	22	71	71	0	75	27	84(249)

 HA=180.1 HI= 29.5 GGW= 55.8 SL= 0.0 MAX(A,B,C,D)= 8.5 7.1 7.8 7.9

Main boom and fixed jib (jib angle 20.0 degrees)
 Length of main boom = 191.9 ft Length of jib = 29.5 ft
 Main boom sequence = 0-100-100-100-100-100 % LK = 74
 Counterweight = 55.8 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]								(Pos.[Degrees])				0-360 Degr.											
		1(0)		2(...)				3(90)		4(...)		5(180)			6(...)										
		A	B	C	D	A	B	C	D	A	B	C	D		A	B	C	D							
59.1	20.7	71	71	32	32	87	45	53	21(41)	84	20	76	27	75	15	81	35(111)	33	33	70	70	15	74	36	81(248)

65.6	17.6	71	71	31	31	87	45	51	19(39)	84	17	76	25
		74	12	82	35(112)	31	31	71	71	12	74	35	82(247)
72.2	14.8	70	70	30	30	88	44	51	18(39)	84	16	76	24
		74	10	82	34(112)	30	30	71	71	10	74	34	82(247)
78.7	12.3	70	70	29	29	88	43	51	16(40)	84	14	76	23
		76	9	82	31(108)	28	28	71	71	9	76	31	82(251)
85.3	10.4	70	70	28	28	88	42	50	15(40)	85	13	77	22
		77	8	82	30(108)	27	27	71	71	7	76	30	82(251)
91.9	8.4	70	70	27	27	88	41	50	14(40)	84	12	77	21
		76	7	82	29(108)	26	26	70	70	7	75	30	82(251)
98.4	6.8	70	70	26	26	89	40	50	13(41)	85	11	77	20
		76	6	82	29(109)	26	26	71	71	5	75	29	82(250)
105.0	5.5	70	70	26	26	89	39	50	12(41)	85	9	77	19
		76	4	83	28(109)	25	25	71	71	4	75	29	83(250)
111.5	4.2	70	70	25	25	89	39	50	12(41)	85	9	77	19
		76	4	83	28(109)	24	24	71	71	3	75	28	83(250)
118.1	3.1	70	70	24	24	89	39	50	11(41)	85	8	77	18
		76	2	83	27(109)	24	24	71	71	2	75	28	83(250)

 HA=191.9 HI= 29.5 GGW= 55.8 SL= 0.0 MAX(A,B,C,D)= 8.3 7.0 7.7 7.7

Main boom and fixed jib (jib angle 20.0 degrees)

Length of main boom = 193.9 ft Length of jib = 29.5 ft
 Main boom sequence = 45-90-90-90-90-90 % LK = 76
 Counterweight = 55.8 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
	1(0)		2(...)		3(90)		6(...)						
	A	B	C	D	A	B	C	D					
59.1	19.6	70	70	32	32	86	45	53	21(41)	83	20	75	27
		74	15	80	35(111)	32	32	70	70	15	74	36	81(248)
65.6	16.3	70	70	31	31	86	45	51	19(39)	83	17	76	25
		74	13	81	34(111)	31	31	70	70	13	74	35	81(248)
72.2	13.4	70	70	30	30	86	44	50	18(39)	83	16	76	24
		73	11	81	34(112)	30	30	70	70	11	73	34	81(247)
78.7	11.0	69	69	29	29	87	43	50	17(39)	83	14	76	23
		76	10	80	30(107)	28	28	70	70	10	75	31	81(252)
85.3	9.0	69	69	28	28	87	42	50	15(40)	84	13	76	22
		75	8	81	30(108)	27	27	70	70	8	75	30	81(251)
91.9	7.3	69	69	27	27	88	41	50	14(40)	84	12	76	21
		76	7	81	29(108)	26	26	70	70	7	75	29	82(251)
98.4	5.7	69	69	26	26	88	40	50	13(41)	84	10	76	20
		75	5	82	29(109)	25	25	70	70	5	75	29	82(250)
105.0	4.2	69	69	26	26	88	39	50	13(41)	84	10	76	20
		75	5	82	28(109)	25	25	70	70	5	74	29	82(250)
111.5	3.1	69	69	25	25	89	39	50	11(41)	85	9	77	19
		75	3	82	28(109)	24	24	70	70	3	75	28	82(250)

 HA=193.9 HI= 29.5 GGW= 55.8 SL= 0.0 MAX(A,B,C,D)= 8.2 7.0 7.7 7.7

Main boom and fixed jib (jib angle 20.0 degrees)

Length of main boom = 205.7 ft Length of jib = 29.5 ft
 Main boom sequence = 45-100-100-100-100-100 % LK = 77

Counterweight = 55.8 kip

Radius Cap. [ft]	Cap. [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.					
		1(0)		2(...)		3(90)		6(...)							
		4(...)		5(180)				6(...)							
		A	B	C	D	A	B	C	D	A	B	C	D		
65.6	15.7	69	69	32	32	85	44	52	20	(41)	82	19	75	26	
		73	14	80	35	(111)	31	31	69	69	14	73	35	80	(248)
72.2	13.0	69	69	30	30	85	44	50	19	(39)	82	17	75	25	
		73	12	80	33	(111)	30	30	69	69	12	73	34	80	(248)
78.7	10.6	69	69	29	29	85	43	50	18	(39)	82	15	75	24	
		72	10	80	33	(112)	29	29	69	69	10	72	34	80	(247)
85.3	8.6	69	69	28	28	86	43	49	16	(39)	83	14	75	22	
		75	9	80	30	(107)	28	28	69	69	9	75	30	80	(252)
91.9	6.8	69	69	28	28	86	41	50	15	(40)	83	13	75	22	
		75	8	80	29	(108)	27	27	69	69	8	74	30	80	(251)
98.4	5.3	69	69	27	27	86	41	49	14	(40)	83	11	75	21	
		75	7	80	29	(108)	26	26	69	69	7	74	29	81	(251)
105.0	4.0	69	69	26	26	87	40	49	13	(40)	83	10	76	20	
		75	6	81	28	(108)	25	25	69	69	5	74	29	81	(251)
111.5	2.6	68	68	26	26	87	40	49	13	(40)	83	10	75	20	
		75	5	81	28	(108)	25	25	69	69	5	74	28	81	(251)

HA=205.7 HI= 29.5 GGW= 55.8 SL= 0.0 MAX(A,B,C,D)= 8.1 6.9 7.5 7.5

Main boom and fixed jib (jib angle 20.0 degrees)

Length of main boom = 208.0 ft Length of jib = 29.5 ft

Main boom sequence = 90-90-90-90-90-90 % LK = 78

Counterweight = 55.8 kip

Radius Cap. [ft]	Cap. [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.					
		1(0)		2(...)		3(90)		6(...)							
		4(...)		5(180)				6(...)							
		A	B	C	D	A	B	C	D	A	B	C	D		
65.6	14.3	68	68	32	32	84	44	51	21	(40)	81	19	74	26	
		73	15	78	34	(110)	31	31	68	68	14	72	35	79	(249)
72.2	11.7	68	68	30	30	84	44	49	19	(38)	81	17	74	25	
		72	12	79	34	(111)	30	30	69	69	12	72	34	79	(248)
78.7	9.5	68	68	29	29	85	43	50	18	(39)	82	15	74	24	
		72	10	80	33	(112)	29	29	69	69	10	71	33	80	(247)
85.3	7.5	68	68	28	28	85	42	49	16	(39)	82	14	75	22	
		75	9	79	30	(107)	28	28	69	69	9	74	30	80	(252)
91.9	5.7	68	68	28	28	86	41	49	15	(40)	82	13	75	22	
		74	8	80	29	(108)	27	27	69	69	8	74	30	80	(251)
98.4	4.2	68	68	27	27	86	40	49	14	(40)	82	11	75	21	
		74	7	80	29	(108)	26	26	69	69	7	74	29	80	(251)
105.0	2.9	68	68	26	26	86	40	49	13	(40)	83	10	75	20	
		74	6	80	28	(108)	25	25	69	69	5	74	28	81	(251)

HA=208.0 HI= 29.5 GGW= 55.8 SL= 0.0 MAX(A,B,C,D)= 8.0 6.9 7.5 7.5

Main boom and fixed jib (jib angle 20.0 degrees)

Length of main boom = 222.4 ft Length of jib = 29.5 ft

Main boom sequence = 100-100-100-100-100-100 % LK = 79

Counterweight = 55.8 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
	1(0)		2(...)		3(90)		4(...)		6(...)				
	A	B	C	D	A	B	C	D	A	B	C	D	
72.2	11.0	67	67	31	31	83	43	50	20(40)	80	18	73	26
		71	13	78	34(111)	30	30	68	68	13	71	34	78(248)
78.7	8.8	67	67	30	30	83	44	49	19(38)	80	16	73	24
		71	11	78	33(111)	29	29	68	68	11	71	33	79(248)
85.3	6.8	67	67	29	29	84	42	49	17(39)	80	15	73	23
		71	10	79	32(111)	28	28	68	68	10	71	33	79(248)
91.9	5.1	67	67	28	28	84	42	49	17(39)	81	14	73	22
		73	9	78	30(107)	27	27	68	68	9	73	30	78(252)
98.4	3.5	67	67	28	28	84	41	48	16(39)	81	13	74	22
		73	8	78	29(107)	26	26	68	68	8	73	29	78(252)
105.0	2.2	67	67	27	27	84	40	49	15(40)	81	12	74	21
		73	7	79	29(108)	26	26	68	68	7	72	29	79(251)

HA=222.4 HI= 29.5 GGW= 55.8 SL= 0.0 MAX(A,B,C,D)= 7.8 6.8 7.3 7.4

Programm L A M O S 9 9 Version 1.08 vom 29.09.02

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Festdatei : /berechnung/tabellen/zentraledaten/lamosfd-ac/200-1.99dat

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H

DEMAG Mobile Cranes

O U T R I G G E R - L O A D I N G S

(Variance = +-10%)

PSI= 1.00

Crane : *** AC 200-1 *** mit HKHI fuer GA und MS

Outrigger width	=	18.7 ft	Outrigger length	=	27.7 ft
Outrigger "A"	X =	12.0 ft	Outrigger "A"	Y =	9.4 ft
Outrigger "B"	X =	12.0 ft	Outrigger "B"	Y =	-9.4 ft
Outrigger "C"	X =	-15.7 ft	Outrigger "C"	Y =	9.4 ft
Outrigger "D"	X =	-15.7 ft	Outrigger "D"	Y =	-9.4 ft

Main boom and fixed jib (jib angle 40.0 degrees)

Length of main boom = 40.7 ft Length of jib = 29.5 ft

Main boom sequence = 0-0-0-0-0-0 % LK = 1

Counterweight = 55.8 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
	1(0)		2(59)		3(90)		4(...)		6(232)				
	A	B	C	D	A	B	C	D	A	B	C	D	
23.0	22.7	44	44	60	60	35	60	47	65	38	66	41	63
		46	69	38	55(128)	61	61	43	43	69	46	55	38
26.2	21.6	45	45	58	58	39	58	48	62	41	63	43	60
		47	65	41	54(128)	58	58	45	45	65	47	54	41

29.5	20.7	47	47	56	56	42	56	49	59	44	59	45	57
		48	61	44	53(128)	56	56	47	47	61	48	53	44
32.8	20.1	49	49	54	54	46	54	50	56	47	56	48	55
		49	57	47	52(128)	54	54	49	49	57	49	52	47
39.4	18.7	52	52	50	50	53	50	51	49	53	49	52	50
		52	49	52	50(127)	50	50	52	52	49	52	50	52
45.9	17.6	55	55	46	46	60	46	53	43	59	43	57	45
		54	41	58	49(128)	46	46	55	55	41	54	49	58

HA= 40.7 HI= 29.5 GGW= 55.8 SL= 0.0 MAX(A,B,C,D)= 6.4 6.4 5.6 6.1

Main boom and fixed jib (jib angle 40.0 degrees)

Length of main boom = 54.5 ft Length of jib = 29.5 ft

Main boom sequence = 0-0-0-0-0-45 % LK = 7

Counterweight = 55.8 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.			
		1(0)				2(...)							
		4(...)				5(180)				6(...)			
		A	B	C	D	A	B	C	D	A	B	C	D
26.2	22.3	45	45	58	58	39	58	48	62(59)	41	63	43	60
		47	65	41	54(128)	59	59	45	45	65	47	54	41(232)
29.5	21.4	47	47	56	56	42	56	49	59(59)	44	60	45	58
		48	61	44	53(128)	56	56	47	47	61	48	53	44(232)
32.8	20.7	49	49	54	54	46	54	50	56(59)	47	56	47	55
		49	57	47	52(128)	54	54	48	48	57	49	52	47(232)
39.4	19.4	52	52	50	50	52	51	51	50(59)	52	50	52	50
		52	50	52	51(127)	51	51	52	52	50	52	51	52(232)
45.9	18.5	55	55	47	47	59	47	53	44(59)	58	44	56	45
		54	43	58	49(128)	47	47	55	55	43	54	49	58(232)
52.5	17.6	58	58	43	43	60	56	45	42(8)	63	38	60	41
		63	38	60	41(90)	43	43	58	58	38	63	41	60(270)
59.1	17.4	62	62	39	39	71	51	48	33(29)	70	31	66	35
		68	29	67	38(100)	39	39	62	62	29	68	38	68(259)

HA= 54.5 HI= 29.5 GGW= 55.8 SL= 0.0 MAX(A,B,C,D)= 6.6 6.3 6.3 6.3

Main boom and fixed jib (jib angle 40.0 degrees)

Length of main boom = 68.6 ft Length of jib = 29.5 ft

Main boom sequence = 0-0-0-0-0-90 % LK = 13

Counterweight = 55.8 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.			
		1(0)				2(...)							
		4(...)				5(180)				6(...)			
		A	B	C	D	A	B	C	D	A	B	C	D
29.5	21.8	47	47	56	56	42	56	49	60(59)	44	60	45	58
		48	61	44	54(128)	57	57	47	47	61	48	54	44(232)
32.8	21.2	49	49	54	54	46	54	50	56(59)	47	57	47	55
		49	58	46	53(128)	55	55	48	48	58	49	53	46(232)
39.4	20.1	52	52	51	51	52	51	51	50(59)	52	51	52	51
		52	50	52	51(127)	51	51	52	52	50	52	51	52(232)
45.9	19.2	55	55	47	47	59	47	53	45(59)	58	45	56	46
		54	43	57	49(128)	47	47	55	55	43	54	49	57(232)

52.5 18.3 58 58 44 44 59 57 44 43(4) 63 39 60 41
 63 39 60 41(90) 44 44 58 58 39 63 41 60(270)
 59.1 17.6 61 61 40 40 68 53 47 35(25) 69 33 64 37
 67 32 65 38(97) 40 40 61 61 32 67 39 66(262)
 65.6 17.0 64 64 37 37 75 49 49 29(34) 74 27 68 33
 69 24 71 37(105) 36 36 64 64 24 69 37 71(254)
 72.2 16.1 67 67 33 33 81 46 50 24(38) 79 22 72 29
 72 18 76 35(109) 33 33 67 67 18 71 36 77(250)

 HA= 68.6 HI= 29.5 GGW= 55.8 SL= 0.0 MAX(A,B,C,D)= 7.5 6.6 7.1 7.1

Main boom and fixed jib (jib angle 40.0 degrees)
 Length of main boom = 70.2 ft Length of jib = 29.5 ft
 Main boom sequence = 0-0-0-0-100 % LK = 14
 Counterweight = 55.8 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.			
		1(0)				2(...)							
		4(...)				5(180)				6(...)			
		A	B	C	D	A	B	C	D	A	B	C	D
29.5	21.8	47	47	56	56	42	56	49	60(59)	43	60	45	58
		48	62	43	54(128)	57	57	47	47	62	48	54	43(232)
32.8	21.2	49	49	55	55	45	55	50	56(59)	46	57	47	56
		49	58	46	53(128)	55	55	48	48	58	49	53	46(232)
39.4	20.1	52	52	51	51	52	51	51	50(59)	52	51	52	51
		52	51	52	51(127)	51	51	52	52	51	52	51	52(232)
45.9	19.2	55	55	47	47	59	48	53	45(59)	58	45	56	46
		54	44	57	49(128)	47	47	55	55	44	54	49	57(232)
52.5	17.9	58	58	44	44	64	45	55	40(59)	62	39	59	42
		62	39	59	42(90)	44	44	58	58	39	62	42	59(270)
59.1	16.3	59	59	41	41	64	54	46	38(19)	66	35	62	39
		65	35	62	39(91)	41	41	60	60	35	65	39	62(268)
65.6	15.2	62	62	38	38	70	51	47	33(29)	70	30	65	35
		67	28	67	37(100)	38	38	62	62	28	67	38	67(259)
72.2	14.1	64	64	36	36	75	48	48	28(34)	73	26	68	32
		69	23	71	36(105)	35	35	64	64	23	69	36	71(254)

 HA= 70.2 HI= 29.5 GGW= 55.8 SL= 0.0 MAX(A,B,C,D)= 6.9 6.4 6.6 6.6

Main boom and fixed jib (jib angle 40.0 degrees)
 Length of main boom = 82.3 ft Length of jib = 29.5 ft
 Main boom sequence = 0-0-0-0-45-90 % LK = 20
 Counterweight = 55.8 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.			
		1(0)				2(...)							
		4(...)				5(180)				6(...)			
		A	B	C	D	A	B	C	D	A	B	C	D
32.8	21.6	49	49	54	54	46	54	50	56(59)	47	57	48	55
		50	58	47	53(128)	55	55	49	49	58	50	53	47(232)
39.4	20.5	52	52	51	51	53	51	52	50(59)	52	50	52	50
		52	50	52	51(127)	51	51	52	52	50	52	51	52(232)
45.9	19.6	55	55	47	47	59	47	54	45(59)	58	44	56	46
		54	43	58	49(128)	47	47	55	55	43	54	49	58(232)

52.5	18.7	58	58	43	43	60	57	45	43(6)	63	39	60	41
		63	39	60	41(90)	44	44	58	58	39	63	41	60(270)
59.1	18.3	62	62	40	40	69	53	47	35(26)	69	32	65	37
		68	31	66	38(98)	40	40	62	62	31	67	39	66(261)
65.6	17.6	65	65	36	36	76	49	49	29(34)	75	27	69	32
		70	24	72	37(105)	36	36	65	65	24	70	37	72(254)
72.2	17.2	68	68	33	33	83	46	51	22(39)	80	21	73	28
		72	17	78	35(110)	33	33	68	68	16	72	36	78(249)
78.7	16.3	71	71	30	30	88	45	51	18(39)	85	16	77	24
		75	11	82	34(112)	30	30	71	71	11	74	34	82(247)
85.3	14.3	71	71	28	28	89	43	51	16(40)	86	14	77	22
		77	9	83	30(108)	28	28	71	71	9	77	31	83(251)

HA= 82.3 HI= 29.5 GGW= 55.8 SL= 0.0 MAX(A,B,C,D)= 8.3 7.1 7.7 7.7

Main boom and fixed jib (jib angle 40.0 degrees)

Length of main boom = 84.0 ft Length of jib = 29.5 ft

Main boom sequence = 0-0-0-0-45-100 % LK = 21

Counterweight = 55.8 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.			
		1(0)				2(...)							
		4(...)				5(180)				6(...)			
		A	B	C	D	A	B	C	D	A	B	C	D
32.8	21.6	49	49	54	54	46	54	50	56(59)	47	57	48	55
		50	58	47	53(128)	55	55	49	49	58	50	53	47(232)
39.4	20.5	52	52	51	51	53	51	52	50(59)	52	50	52	50
		52	50	52	51(127)	51	51	52	52	50	52	51	52(232)
45.9	19.6	55	55	47	47	59	47	53	45(59)	58	45	56	46
		54	43	58	50(128)	47	47	55	55	43	54	50	58(232)
52.5	18.5	58	58	44	44	59	57	44	43(3)	63	39	60	42
		63	39	60	42(90)	44	44	58	58	39	63	42	60(270)
59.1	17.6	61	61	41	41	67	53	47	36(24)	68	34	64	38
		67	33	65	39(96)	40	40	61	61	32	66	39	65(263)
65.6	16.3	63	63	38	38	72	50	48	31(31)	71	29	67	34
		68	27	69	37(102)	38	38	63	63	27	68	37	69(257)
72.2	15.2	65	65	35	35	77	47	49	27(36)	75	25	69	31
		70	22	73	36(106)	35	35	65	65	22	70	36	73(253)
78.7	14.3	67	67	32	32	82	45	50	22(39)	79	20	72	28
		71	16	77	35(110)	32	32	67	67	16	71	35	77(249)
85.3	13.7	70	70	30	30	86	44	50	18(39)	83	16	76	24
		73	11	81	33(112)	29	29	70	70	10	73	34	81(247)

HA= 84.0 HI= 29.5 GGW= 55.8 SL= 0.0 MAX(A,B,C,D)= 8.0 6.8 7.6 7.6

Main boom and fixed jib (jib angle 40.0 degrees)

Length of main boom = 96.5 ft Length of jib = 29.5 ft

Main boom sequence = 0-0-0-0-90-90 % LK = 28

Counterweight = 55.8 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.			
		1(0)				2(...)							
		4(...)				5(180)				6(...)			
		A	B	C	D	A	B	C	D	A	B	C	D

39.4	20.7	52	52	51	51	53	51	52	50(59)	53	50	52	50
		52	50	52	51(127)	51	51	52	52	50	52	51	52(232)
45.9	19.8	56	56	47	47	60	47	54	44(59)	58	44	56	46
		54	43	58	50(128)	47	47	55	55	43	54	50	58(232)
52.5	19.2	59	59	43	43	61	57	45	42(9)	64	38	61	41
		64	38	61	41(90)	43	43	59	59	38	64	41	61(270)
59.1	18.5	62	62	40	40	69	52	47	35(27)	69	32	65	37
		68	31	66	38(98)	40	40	62	62	31	67	39	67(261)
65.6	17.9	65	65	36	36	76	49	49	29(34)	75	27	69	32
		70	24	72	37(105)	36	36	65	65	24	70	37	72(254)
72.2	17.4	68	68	33	33	83	46	51	23(39)	80	21	73	28
		72	17	78	35(110)	33	33	68	68	17	72	36	78(249)
78.7	16.8	71	71	30	30	88	44	52	18(40)	85	16	77	24
		75	11	83	34(112)	30	30	71	71	10	74	34	83(247)
85.3	14.6	71	71	29	29	89	43	51	17(40)	85	14	77	23
		77	9	82	31(108)	29	29	71	71	9	77	31	82(251)
91.9	12.6	71	71	28	28	89	43	51	15(40)	85	13	77	22
		77	8	82	30(108)	28	28	71	71	8	76	31	82(251)

HA= 96.5 HI= 29.5 GGW= 55.8 SL= 0.0 MAX(A,B,C,D)= 8.3 7.1 7.7 7.7

Main boom and fixed jib (jib angle 40.0 degrees)
Length of main boom = 100.4 ft Length of jib = 29.5 ft
Main boom sequence = 0-0-0-0-100-100 % LK = 29
Counterweight = 55.8 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
	1(0)		2(...)		3(90)		6(...)						
	A	B	C	D	A	B	C	D					
39.4	20.7	52	52	51	51	53	51	52	50(59)	53	50	52	50
		52	50	52	51(127)	51	51	52	52	50	52	51	52(232)
45.9	19.8	55	55	47	47	59	47	54	45(59)	58	44	56	46
		54	43	58	50(128)	47	47	55	55	43	54	50	58(232)
52.5	19.0	58	58	44	44	60	57	45	43(6)	63	39	60	41
		63	39	60	41(90)	44	44	58	58	39	63	41	60(270)
59.1	18.1	61	61	40	40	68	53	47	36(25)	68	33	64	37
		67	32	65	39(96)	40	40	61	61	32	67	39	65(263)
65.6	17.0	63	63	37	37	73	50	48	31(32)	73	28	67	34
		69	26	70	37(103)	37	37	64	64	26	69	37	70(256)
72.2	15.9	66	66	35	35	78	47	49	26(36)	76	24	70	30
		71	21	74	36(107)	35	35	66	66	21	70	36	74(252)
78.7	14.6	67	67	33	33	82	45	50	23(39)	79	21	72	28
		72	17	77	35(109)	32	32	67	67	17	71	35	77(250)
85.3	13.4	69	69	31	31	84	45	50	20(38)	82	17	74	25
		73	13	80	34(111)	30	30	69	69	12	72	34	80(248)
91.9	12.6	70	70	28	28	88	43	51	16(40)	85	14	77	22
		77	9	82	30(108)	28	28	71	71	9	76	31	82(251)
98.4	11.0	71	71	27	27	89	42	50	14(40)	86	12	77	21
		77	7	83	29(108)	27	27	71	71	7	77	30	83(251)

HA=100.4 HI= 29.5 GGW= 55.8 SL= 0.0 MAX(A,B,C,D)= 8.3 7.1 7.7 7.7

Main boom and fixed jib (jib angle 40.0 degrees)

Length of main boom = 110.2 ft Length of jib = 29.5 ft
 Main boom sequence = 0-0-0-45-90-90 % LK = 36
 Counterweight = 55.8 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]								(Pos.[Degrees])				0-360 Degr.				
		1(0)				2(...)				3(90)								
		4(...)				5(180)				6(...)								
A	B	C	D	A	B	C	D	A	B	C	D							
39.4	20.9	53	53	50	50	54	51	52	50	(59)	53	50	53	50				
		52	50	53	51(127)	50	50	52	52		50	52	51	53(232)				
45.9	20.1	56	56	47	47	60	47	54	44	(59)	59	44	57	45				
		55	43	59	49(128)	47	47	56	56		43	55	49	59(232)				
52.5	19.4	59	59	43	43	62	56	45	41	(12)	65	37	62	41				
		65	37	62	41(90)	43	43	59	59		37	65	41	62(270)				
59.1	18.7	63	63	39	39	70	52	48	34	(28)	70	32	66	36				
		68	30	67	38(100)	39	39	62	62		30	68	39	68(259)				
65.6	18.3	66	66	36	36	78	48	50	27	(36)	76	26	70	32				
		71	22	74	37(107)	36	36	66	66		22	70	37	74(252)				
72.2	17.6	69	69	32	32	84	45	52	22	(40)	81	20	74	27				
		73	16	79	35(110)	32	32	69	69		15	73	35	79(249)				
78.7	16.8	71	71	30	30	89	44	52	17	(40)	86	15	77	24				
		75	10	83	34(113)	30	30	71	71		10	74	34	84(246)				
85.3	14.3	71	71	29	29	89	43	51	17	(40)	85	14	77	23				
		77	9	82	31(108)	29	29	71	71		9	76	31	82(251)				
91.9	12.3	71	71	28	28	89	42	51	15	(40)	85	13	77	22				
		77	8	82	30(108)	28	28	71	71		8	76	31	82(251)				
98.4	10.8	71	71	27	27	90	41	51	14	(41)	86	12	77	21				
		77	6	83	30(109)	27	27	71	71		6	76	30	83(250)				
105.0	9.3	71	71	26	26	90	41	51	13	(41)	86	11	78	20				
		77	5	83	29(109)	26	26	71	71		5	76	30	83(250)				

HA=110.2 HI= 29.5 GGW= 55.8 SL= 0.0 MAX(A,B,C,D)= 8.4 7.1 7.7 7.8

Main boom and fixed jib (jib angle 40.0 degrees)
 Length of main boom = 114.5 ft Length of jib = 29.5 ft
 Main boom sequence = 0-0-0-45-100-100 % LK = 37
 Counterweight = 55.8 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]								(Pos.[Degrees])				0-360 Degr.				
		1(0)				2(...)				3(90)								
		4(...)				5(180)				6(...)								
A	B	C	D	A	B	C	D	A	B	C	D							
39.4	20.9	53	53	50	50	54	51	52	50	(59)	53	50	53	50				
		52	50	53	51(127)	51	51	52	52		50	52	51	53(232)				
45.9	20.1	56	56	47	47	60	47	54	44	(59)	59	44	57	45				
		55	43	59	49(128)	47	47	56	56		43	55	49	59(232)				
52.5	19.4	59	59	43	43	62	56	45	41	(12)	65	38	61	41				
		65	38	61	41(90)	43	43	59	59		38	65	41	61(270)				
59.1	18.5	62	62	40	40	69	52	47	34	(27)	70	32	65	37				
		68	31	67	38(99)	40	40	62	62		30	67	39	67(260)				
65.6	17.6	65	65	37	37	76	49	49	29	(34)	75	27	69	32				
		70	24	72	37(105)	37	37	65	65		24	70	37	72(254)				
72.2	16.5	67	67	34	34	81	46	50	24	(38)	78	22	72	29				
		71	19	76	36(109)	34	34	67	67		18	71	36	76(250)				

78.7	15.7	69	69	31	31	86	43	52	20(41)	82	18	75	26
		73	13	80	34(111)	31	31	69	69	13	73	35	80(248)
85.3	14.6	71	71	29	29	89	43	51	16(40)	86	14	77	23
		77	9	82	31(108)	29	29	71	71	9	77	31	83(251)
91.9	12.6	71	71	28	28	89	43	51	15(40)	86	13	77	22
		77	8	82	30(108)	28	28	71	71	8	77	30	83(251)
98.4	10.8	71	71	27	27	89	42	50	15(40)	85	12	77	21
		77	7	82	29(108)	27	27	71	71	7	76	30	83(251)
105.0	9.3	70	70	27	27	89	41	51	14(41)	85	11	77	21
		76	6	83	29(109)	26	26	71	71	6	76	30	83(250)
111.5	7.9	70	70	26	26	90	40	50	13(41)	86	10	77	20
		76	5	83	29(109)	25	25	71	71	5	76	29	83(250)

HA=114.5 HI= 29.5 GGW= 55.8 SL= 0.0 MAX(A,B,C,D)= 8.3 7.1 7.7 7.7

Main boom and fixed jib (jib angle 40.0 degrees)

Length of main boom = 124.3 ft Length of jib = 29.5 ft

Main boom sequence = 0-0-0-90-90-90 % LK = 45

Counterweight = 55.8 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.			
		1(0)		2(...)		3(90)		6(...)					
		A	B	C	D	A	B	C	D	A	B	C	D
45.9	20.3	56	56	46	46	61	47	54	43(59)	60	43	58	45
		55	42	59	49(128)	47	47	56	56	42	55	49	59(232)
52.5	19.6	60	60	43	43	63	56	46	40(15)	66	37	62	40
		66	37	62	40(90)	43	43	60	60	37	66	40	62(270)
59.1	19.0	63	63	39	39	71	52	48	33(29)	71	31	66	35
		69	29	68	38(101)	39	39	63	63	29	68	38	69(258)
65.6	18.5	67	67	35	35	79	48	50	26(37)	77	25	71	31
		71	21	75	36(107)	35	35	67	67	21	71	37	75(252)
72.2	18.1	70	70	32	32	86	44	52	20(41)	83	19	75	26
		74	14	80	35(111)	32	32	70	70	14	73	35	81(248)
78.7	16.5	71	71	30	30	89	44	52	17(40)	86	15	77	24
		75	10	83	34(113)	30	30	71	71	10	74	34	84(246)
85.3	14.1	71	71	29	29	89	43	51	17(40)	85	14	77	23
		77	9	82	31(108)	29	29	71	71	9	76	31	82(251)
91.9	12.3	71	71	28	28	89	42	51	15(40)	86	13	77	22
		77	8	83	30(108)	28	28	71	71	7	77	30	83(251)
98.4	10.6	71	71	27	27	90	41	51	14(41)	86	12	77	21
		77	7	83	30(109)	27	27	71	71	6	76	30	83(250)
105.0	9.0	71	71	26	26	90	41	51	13(41)	86	11	77	20
		76	6	83	29(109)	26	26	71	71	6	76	30	83(250)
111.5	7.7	71	71	26	26	90	40	50	12(41)	86	10	78	20
		77	5	83	28(109)	25	25	71	71	4	76	29	84(250)
118.1	6.6	71	71	25	25	91	39	50	11(41)	86	9	78	19
		77	3	84	28(109)	24	24	71	71	3	76	28	84(250)

HA=124.3 HI= 29.5 GGW= 55.8 SL= 0.0 MAX(A,B,C,D)= 8.4 7.1 7.8 7.8

Main boom and fixed jib (jib angle 40.0 degrees)

Length of main boom = 130.9 ft Length of jib = 29.5 ft

Main boom sequence = 0-0-0-100-100-100 % LK = 46

Counterweight = 55.8 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]								(Pos.[Degrees])				0-360 Degr.		
	1(0)				2(...)				3(90)						
	4(...)				5(180)				6(...)						
A	B	C	D	A	B	C	D	A	B	C	D				
45.9	20.1	56	56	47	47	61	47	54	44	(59)	59	43	57	45	
		55	42	59	49	(128)	47	47	56	56	42	55	49	59	(232)
52.5	19.6	60	60	43	43	63	56	46	40	(15)	66	37	62	40	
		66	37	62	40	(90)	43	43	60	60	37	66	40	62	(270)
59.1	19.0	63	63	39	39	71	52	48	33	(29)	71	31	66	36	
		69	29	68	38	(101)	39	39	63	63	29	68	38	69	(258)
65.6	18.1	66	66	36	36	78	48	50	27	(36)	76	26	70	32	
		71	22	74	37	(107)	36	36	66	66	22	70	37	74	(252)
72.2	17.2	69	69	33	33	84	45	52	22	(40)	81	21	73	28	
		73	16	78	35	(110)	33	33	69	69	16	72	36	78	(249)
78.7	16.1	71	71	30	30	87	45	51	18	(39)	84	16	76	24	
		74	11	82	34	(112)	30	30	71	71	11	74	34	82	(247)
85.3	14.3	71	71	29	29	89	43	51	16	(40)	86	14	77	23	
		77	9	82	31	(108)	28	28	71	71	9	77	31	83	(251)
91.9	12.3	71	71	28	28	89	42	51	15	(40)	86	13	77	22	
		77	8	82	30	(108)	28	28	71	71	8	77	30	83	(251)
98.4	10.6	71	71	27	27	89	42	50	15	(40)	85	12	77	21	
		77	7	82	29	(108)	27	27	71	71	7	76	30	83	(251)
105.0	9.3	71	71	26	26	90	41	51	13	(41)	86	11	78	20	
		77	5	83	29	(109)	26	26	71	71	5	76	30	84	(250)
111.5	7.9	71	71	26	26	90	40	50	12	(41)	86	9	78	19	
		77	4	84	28	(109)	25	25	71	71	4	76	29	84	(250)
118.1	6.8	71	71	25	25	91	39	50	11	(41)	87	8	78	18	
		77	3	84	28	(109)	24	24	72	72	3	77	28	84	(250)
124.7	5.7	71	71	24	24	92	38	51	10	(42)	87	7	78	18	
		77	2	85	28	(110)	24	24	72	72	2	76	28	85	(249)

HA=130.9 HI= 29.5 GGW= 55.8 SL= 0.0 MAX(A,B,C,D)= 8.5 7.1 7.9 7.9

Main boom and fixed jib (jib angle 40.0 degrees)

Length of main boom = 138.1 ft Length of jib = 29.5 ft

Main boom sequence = 0-0-45-90-90-90 % LK = 54

Counterweight = 55.8 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]								(Pos.[Degrees])				0-360 Degr.		
	1(0)				2(...)				3(90)						
	4(...)				5(180)				6(...)						
A	B	C	D	A	B	C	D	A	B	C	D				
45.9	20.3	57	57	46	46	62	47	54	43	(59)	61	42	58	44	
		61	42	58	44	(90)	46	46	57	57	42	61	44	58	(270)
52.5	19.6	60	60	42	42	65	55	46	39	(18)	67	36	63	39	
		66	36	63	40	(91)	42	42	60	60	36	66	40	63	(268)
59.1	19.2	64	64	38	38	74	51	49	31	(32)	73	30	67	35	
		69	27	70	38	(103)	38	38	64	64	27	69	38	70	(256)
65.6	18.7	68	68	34	34	81	47	51	25	(38)	79	23	72	30	
		72	19	77	36	(109)	34	34	67	67	19	71	37	77	(250)
72.2	18.3	71	71	31	31	88	45	51	19	(39)	85	17	77	25	
		75	12	82	34	(112)	31	31	71	71	12	74	35	82	(247)

78.7	16.1	71	71	29	29	89	44	52	17(40)	86	15	77	23
	75	9	84	34(113)	29	29	71	71	9	74	34	84(246)	
85.3	13.7	71	71	28	28	89	43	51	16(40)	85	14	77	22
	77	9	82	30(108)	28	28	71	71	9	77	31	83(251)	
91.9	11.7	71	71	28	28	89	42	51	15(40)	85	13	77	22
	77	8	82	30(108)	27	27	71	71	8	76	30	83(251)	
98.4	10.1	71	71	27	27	90	41	51	14(41)	86	11	78	21
	77	6	83	29(109)	26	26	71	71	6	76	30	83(250)	
105.0	8.6	71	71	26	26	90	40	51	13(41)	86	10	78	20
	77	5	83	29(109)	26	26	71	71	5	76	29	84(250)	
111.5	7.3	71	71	26	26	90	40	50	12(41)	86	9	78	19
	77	4	84	28(109)	25	25	71	71	4	76	29	84(250)	
118.1	6.2	71	71	25	25	91	39	50	11(41)	87	8	78	18
	77	2	84	27(109)	24	24	72	72	2	77	28	84(250)	
124.7	5.1	71	71	24	24	91	38	51	10(42)	87	7	78	17
	77	2	85	28(110)	23	23	72	72	1	76	28	85(249)	
131.2	4.2	71	71	23	23	92	37	50	9(42)	88	6	79	17
	77	0	85	27(110)	22	22	72	72	0	76	27	86(249)	

 HA=138.1 HI= 29.5 GGW= 55.8 SL= 0.0 MAX(A,B,C,D)= 8.6 7.1 7.9 8.0

Main boom and fixed jib (jib angle 40.0 degrees)

Length of main boom = 145.0 ft Length of jib = 29.5 ft

Main boom sequence = 0-0-45-100-100-100 % LK = 55

Counterweight = 55.8 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
	1(0)		2(...)		3(90)		6(...)						
	A	B	C	D	A	B	C	D	A	B	C	D	
52.5	19.6	60	60	42	42	65	55	46	39(18)	67	36	63	39
	66	36	63	40(91)	42	42	60	60	36	66	40	63(268)	
59.1	19.0	64	64	38	38	73	51	49	32(31)	72	30	67	35
	69	28	69	38(102)	39	39	63	63	28	69	38	69(257)	
65.6	18.3	67	67	35	35	80	47	50	26(37)	78	24	71	30
	71	21	75	36(108)	35	35	67	67	20	71	37	75(251)	
72.2	17.4	70	70	32	32	86	44	52	21(41)	82	19	75	26
	74	14	80	35(111)	32	32	70	70	14	73	35	80(248)	
78.7	16.1	71	71	29	29	89	44	52	17(40)	86	15	77	23
	75	9	83	34(113)	29	29	71	71	9	74	34	84(246)	
85.3	13.9	71	71	28	28	89	43	51	16(40)	86	13	77	22
	77	9	83	30(108)	28	28	71	71	8	77	31	83(251)	
91.9	11.9	71	71	28	28	89	42	51	15(40)	86	12	77	21
	77	7	83	30(108)	27	27	71	71	7	77	30	83(251)	
98.4	10.1	71	71	27	27	90	41	51	14(41)	86	11	77	21
	77	6	83	30(109)	26	26	71	71	6	76	30	83(250)	
105.0	8.6	71	71	26	26	90	40	51	13(41)	86	11	77	20
	76	5	83	29(109)	26	26	71	71	5	76	30	83(250)	
111.5	7.5	71	71	25	25	91	40	50	12(41)	87	9	78	19
	77	4	84	28(109)	25	25	72	72	3	77	29	84(250)	
118.1	6.4	71	71	24	24	92	38	51	10(42)	87	8	78	18
	77	2	85	28(110)	24	24	72	72	2	76	28	85(249)	
124.7	5.3	71	71	24	24	92	38	51	10(42)	88	7	79	17
	77	1	85	27(110)	23	23	72	72	1	76	28	85(249)	

131.2 4.2 71 71 24 24 92 38 50 9(42) 87 6 78 17
 77 1 85 27(110) 23 23 72 72 0 76 28 85(249)

HA=145.0 HI= 29.5 GGW= 55.8 SL= 0.0 MAX(A,B,C,D)= 8.5 7.1 7.9 7.9

Main boom and fixed jib (jib angle 40.0 degrees)
 Length of main boom = 152.2 ft Length of jib = 29.5 ft
 Main boom sequence = 0-0-90-90-90-90 % LK = 62
 Counterweight = 55.8 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
	1(0)				2(...)								
	3(90)				4(...)								
4(...)				5(180)				6(...)					
A	B	C	D	A	B	C	D	A	B	C	D		
52.5	19.8	61	61	41	41	67	54	47	37(22)	68	35	64	39
		67	34	64	39(94)	42	42	61	61	34	67	40	65(265)
59.1	19.2	65	65	38	38	75	50	49	30(33)	74	29	68	34
		70	26	71	38(104)	38	38	64	64	26	69	38	71(255)
65.6	18.7	68	68	34	34	82	46	51	24(39)	80	22	73	29
		73	18	77	36(109)	34	34	68	68	18	72	36	78(250)
72.2	18.3	72	72	30	30	89	44	52	18(40)	86	16	78	24
		75	11	84	34(113)	30	30	72	72	10	75	35	84(246)
78.7	15.7	71	71	29	29	90	43	52	17(40)	86	14	78	23
		78	9	83	31(108)	29	29	72	72	9	77	32	83(251)
85.3	13.2	71	71	28	28	89	43	51	16(40)	86	13	77	22
		77	9	82	30(108)	28	28	71	71	8	77	31	83(251)
91.9	11.5	71	71	27	27	90	41	51	14(41)	86	12	78	21
		77	7	83	30(109)	27	27	71	71	6	76	30	84(250)
98.4	9.7	71	71	27	27	90	41	51	13(41)	86	11	78	20
		77	6	83	29(109)	26	26	71	71	6	76	30	84(250)
105.0	8.2	71	71	26	26	90	40	50	13(41)	86	10	78	20
		77	5	84	29(109)	25	25	71	71	4	76	29	84(250)
111.5	7.1	71	71	25	25	91	39	51	11(42)	87	8	78	18
		77	3	85	28(110)	24	24	72	72	2	76	29	85(249)
118.1	6.0	71	71	24	24	92	38	51	10(42)	88	7	79	17
		77	1	85	28(110)	23	23	72	72	1	77	28	86(249)
124.7	4.6	71	71	24	24	91	38	50	10(42)	87	7	78	17
		77	1	85	27(110)	23	23	72	72	1	76	28	85(249)
131.2	3.5	71	71	24	24	91	37	50	9(42)	87	6	78	17
		76	1	85	27(110)	23	23	72	72	1	76	28	85(249)
137.8	2.6	71	71	23	23	92	37	50	9(42)	87	6	78	16
		76	0	85	26(110)	22	22	72	72	0	75	27	86(249)

HA=152.2 HI= 29.5 GGW= 55.8 SL= 0.0 MAX(A,B,C,D)= 8.6 7.1 7.9 7.9

Main boom and fixed jib (jib angle 40.0 degrees)
 Length of main boom = 161.4 ft Length of jib = 29.5 ft
 Main boom sequence = 0-0-100-100-100-100 % LK = 63
 Counterweight = 55.8 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.		
	1(0)				2(...)						
	3(90)				4(...)						
4(...)				5(180)				6(...)			
A	B	C	D	A	B	C	D	A	B	C	D

59.1	19.2	65	65	38	38	75	50	49	30(33)	74	29	68	34
		70	26	71	38(104)	38	38	65	65	26	69	38	71(255)
65.6	18.3	68	68	34	34	81	47	51	24(38)	79	23	72	30
		72	19	77	36(109)	34	34	67	67	19	72	37	77(250)
72.2	17.4	70	70	31	31	87	45	51	19(39)	84	18	76	25
		74	13	81	35(112)	31	31	70	70	13	73	35	82(247)
78.7	15.7	71	71	29	29	90	43	52	17(40)	86	14	78	23
		78	9	83	31(108)	29	29	72	72	9	77	32	83(251)
85.3	13.2	71	71	28	28	89	43	51	16(40)	86	13	77	22
		77	9	82	30(108)	28	28	71	71	8	77	31	83(251)
91.9	11.5	71	71	27	27	90	41	51	14(41)	86	12	78	21
		77	7	83	30(109)	27	27	71	71	6	76	30	84(250)
98.4	9.7	71	71	27	27	90	41	51	13(41)	86	11	78	20
		77	6	83	29(109)	26	26	71	71	6	76	30	84(250)
105.0	8.2	71	71	26	26	90	40	50	13(41)	86	10	78	20
		77	5	83	29(109)	25	25	71	71	4	76	29	84(250)
111.5	7.1	71	71	25	25	91	39	50	11(41)	87	8	78	18
		77	3	84	28(109)	24	24	72	72	3	77	28	85(250)
118.1	6.0	71	71	24	24	92	38	51	10(42)	88	7	79	17
		77	1	85	28(110)	23	23	72	72	1	77	28	86(249)
124.7	4.6	71	71	24	24	91	38	50	10(42)	87	7	78	17
		77	1	85	27(110)	23	23	72	72	1	76	28	85(249)
131.2	3.5	71	71	24	24	91	38	50	9(42)	87	7	78	17
		76	1	84	27(110)	23	23	71	71	1	76	28	85(249)
137.8	2.6	71	71	23	23	91	37	50	9(42)	87	6	78	17
		76	0	85	27(110)	22	22	72	72	0	76	27	85(249)

 HA=161.4 HI= 29.5 GGW= 55.8 SL= 0.0 MAX(A,B,C,D)= 8.6 7.2 7.9 7.9

Main boom and fixed jib (jib angle 40.0 degrees)

Length of main boom = 166.0 ft Length of jib = 29.5 ft

Main boom sequence = 0-45-90-90-90-90 % LK = 68

Counterweight = 55.8 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
	1(0)		2(...)		3(90)		6(...)						
	4(...)		5(180)		6(...)								
	A	B	C	D	A	B	C	D	A	B	C	D	
59.1	19.2	65	65	37	37	76	50	49	29(34)	75	27	69	33
		71	24	72	37(105)	37	37	65	65	24	70	37	73(254)
65.6	19.0	69	69	33	33	85	45	52	22(40)	82	20	75	28
		74	16	79	35(110)	33	33	69	69	16	73	36	80(249)
72.2	17.9	72	72	30	30	90	44	52	17(40)	87	15	78	23
		75	9	84	34(113)	30	30	72	72	9	75	34	84(246)
78.7	15.0	71	71	29	29	90	43	51	16(40)	86	14	78	23
		78	9	83	31(108)	28	28	72	72	9	77	31	83(251)
85.3	12.6	71	71	28	28	89	43	51	15(40)	86	13	77	22
		77	8	83	30(108)	28	28	71	71	8	77	30	83(251)
91.9	10.8	71	71	27	27	90	41	51	13(41)	86	11	78	21
		77	6	84	29(109)	26	26	72	72	6	77	30	84(250)
98.4	9.0	71	71	26	26	90	40	51	13(41)	86	10	78	20
		77	5	84	29(109)	26	26	72	72	5	76	29	84(250)
105.0	7.5	71	71	26	26	91	40	50	12(41)	86	9	78	19
		77	4	84	28(109)	25	25	71	71	4	76	29	84(250)

111.5	6.4	71	71	24	24	92	38	51	10(42)	88	7	79	18
		77	2	85	28(110)	24	24	72	72	2	77	28	85(249)
118.1	5.1	71	71	24	24	92	38	51	10(42)	88	7	79	17
		77	1	85	27(110)	23	23	72	72	1	76	28	85(249)
124.7	3.7	71	71	24	24	91	38	50	10(42)	87	7	78	17
		76	1	84	27(110)	23	23	71	71	1	76	28	85(249)
131.2	2.9	71	71	23	23	92	37	50	9(42)	88	6	79	16
		76	0	85	26(110)	22	22	72	72	0	76	27	86(249)

 HA=166.0 HI= 29.5 GGW= 55.8 SL= 0.0 MAX(A,B,C,D)= 8.6 7.2 7.9 8.0

Main boom and fixed jib (jib angle 40.0 degrees)

Length of main boom = 175.5 ft Length of jib = 29.5 ft
 Main boom sequence = 0-45-100-100-100-100 % LK = 69
 Counterweight = 55.8 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
	1(0)		2(...)		3(90)		4(...)						
	A	B	C	D	A	B	C	D	A	B	C	D	
59.1	19.2	65	65	37	37	76	50	49	29(34)	75	27	69	33
		71	24	72	37(105)	37	37	65	65	24	70	37	73(254)
65.6	18.3	69	69	33	33	83	46	51	23(39)	80	21	73	28
		73	17	78	36(110)	33	33	68	68	17	72	36	78(249)
72.2	17.6	72	72	30	30	90	44	52	17(40)	86	15	78	24
		75	10	84	34(113)	30	30	72	72	10	75	35	84(246)
78.7	15.0	71	71	29	29	90	43	51	16(40)	86	14	78	23
		78	9	83	31(108)	28	28	72	72	9	77	31	83(251)
85.3	12.8	71	71	28	28	90	42	52	15(41)	86	12	78	22
		77	7	83	30(109)	27	27	72	72	7	77	31	84(250)
91.9	10.8	71	71	27	27	90	41	51	14(41)	86	11	78	21
		77	6	84	30(109)	26	26	72	72	6	77	30	84(250)
98.4	9.0	71	71	26	26	90	40	51	13(41)	86	10	78	20
		77	5	84	29(109)	26	26	71	71	5	76	29	84(250)
105.0	7.7	71	71	25	25	91	40	50	11(41)	87	9	78	19
		77	3	84	28(109)	24	24	72	72	3	77	28	85(250)
111.5	6.4	71	71	24	24	92	38	51	10(42)	88	7	79	18
		77	2	85	28(110)	24	24	72	72	2	76	28	85(249)
118.1	5.1	71	71	24	24	92	38	51	10(42)	87	7	78	17
		77	1	85	27(110)	23	23	72	72	1	76	28	85(249)
124.7	4.0	71	71	24	24	92	38	50	9(42)	88	6	79	17
		77	0	85	27(110)	23	23	72	72	0	76	28	85(249)
131.2	2.9	71	71	23	23	92	37	50	9(42)	87	6	78	17
		77	0	85	27(110)	22	22	72	72	0	76	27	85(249)

 HA=175.5 HI= 29.5 GGW= 55.8 SL= 0.0 MAX(A,B,C,D)= 8.5 7.2 7.9 7.9

Main boom and fixed jib (jib angle 40.0 degrees)

Length of main boom = 180.1 ft Length of jib = 29.5 ft
 Main boom sequence = 0-90-90-90-90-90 % LK = 73
 Counterweight = 55.8 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.
	1(0)		2(...)		3(90)		4(...)		

	4(...)				5(180)				6(...)				
	A	B	C	D	A	B	C	D	A	B	C	D	
59.1	19.4	66	66	36	36	78	49	50	27(36)	77	26	71	32
	71	22	74	37(107)	36	36	66	66	22	71	37	74(252)	
65.6	19.0	70	70	32	32	87	45	53	20(41)	83	19	76	26
	74	14	81	35(111)	32	32	70	70	14	74	35	81(248)	
72.2	16.8	71	71	30	30	89	44	52	17(40)	86	15	77	24
	75	10	83	34(112)	30	30	71	71	10	75	34	83(247)	
78.7	14.1	71	71	29	29	89	43	51	16(40)	86	14	77	23
	77	9	82	31(108)	28	28	71	71	9	77	31	83(251)	
85.3	11.9	71	71	28	28	89	42	51	15(40)	86	13	77	22
	77	7	83	30(108)	27	27	71	71	7	77	30	83(251)	
91.9	9.9	71	71	27	27	90	41	51	14(41)	86	11	77	21
	77	6	83	30(109)	26	26	71	71	6	76	30	83(250)	
98.4	8.2	71	71	26	26	90	40	50	13(41)	86	10	77	20
	77	5	83	29(109)	26	26	71	71	5	76	29	83(250)	
105.0	6.6	70	70	26	26	90	40	50	12(41)	86	9	77	19
	76	4	83	28(109)	25	25	71	71	4	76	29	84(250)	
111.5	5.3	70	70	25	25	90	39	50	11(41)	86	8	78	18
	77	3	84	28(109)	24	24	71	71	3	76	28	84(250)	
118.1	4.2	71	71	24	24	91	38	50	10(42)	87	7	78	17
	76	1	84	27(110)	23	23	71	71	1	76	28	85(249)	
124.7	3.1	71	71	24	24	91	37	50	9(42)	87	6	78	17
	76	0	85	27(110)	23	23	72	72	0	76	28	85(249)	

HA=180.1 HI= 29.5 GGW= 55.8 SL= 0.0 MAX(A,B,C,D)= 8.5 7.1 7.9 7.9

Main boom and fixed jib (jib angle 40.0 degrees)
Length of main boom = 191.9 ft Length of jib = 29.5 ft
Main boom sequence = 0-100-100-100-100-100 % LK = 74
Counterweight = 55.8 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
	1(0)				2(...)								
	4(...)				5(180)				6(...)				
	A	B	C	D	A	B	C	D	A	B	C	D	
65.6	18.3	69	69	32	32	85	45	52	21(40)	82	20	75	27
	73	15	80	35(111)	32	32	69	69	15	73	36	80(248)	
72.2	16.3	71	71	30	30	88	45	51	18(39)	85	16	77	24
	75	11	82	34(112)	30	30	71	71	11	74	34	82(247)	
78.7	13.7	70	70	29	29	88	43	51	17(40)	84	15	77	23
	74	9	82	33(112)	29	29	71	71	9	74	34	82(247)	
85.3	11.5	70	70	28	28	88	42	51	16(40)	85	13	77	22
	76	9	82	30(108)	28	28	71	71	8	76	31	82(251)	
91.9	9.5	70	70	27	27	88	42	50	15(40)	85	12	77	21
	76	7	82	29(108)	27	27	71	71	7	76	30	82(251)	
98.4	7.9	70	70	26	26	89	40	50	13(41)	85	11	77	20
	76	6	83	29(109)	26	26	71	71	5	75	30	83(250)	
105.0	6.4	70	70	26	26	89	40	50	13(41)	85	10	77	20
	76	5	83	28(109)	25	25	71	71	4	75	29	83(250)	
111.5	5.1	70	70	25	25	90	39	50	12(41)	86	9	77	19
	76	4	83	28(109)	24	24	71	71	3	75	28	83(250)	
118.1	3.7	70	70	25	25	89	39	50	11(41)	85	8	77	19
	76	3	83	28(109)	24	24	71	71	3	75	28	83(250)	

124.7 2.6 70 70 24 24 89 38 49 11(41) 85 8 77 18
 76 2 83 27(109) 23 23 71 71 2 75 28 83(250)

HA=191.9 HI= 29.5 GGW= 55.8 SL= 0.0 MAX(A,B,C,D)= 8.3 7.0 7.7 7.7

Main boom and fixed jib (jib angle 40.0 degrees)

Length of main boom = 193.9 ft Length of jib = 29.5 ft
 Main boom sequence = 45-90-90-90-90-90 % LK = 76
 Counterweight = 55.8 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
	1(0)				2(...)								
	3(90)				4(...)								
	A	B	C	D	A	B	C	D	A	B	C	D	
65.6	18.1	70	70	32	32	87	44	52	20(41)	83	19	76	26
		74	14	81	35(111)	32	32	70	70	13	74	35	81(248)
72.2	15.0	70	70	30	30	86	45	51	19(39)	83	17	76	25
		73	12	81	34(112)	30	30	70	70	12	73	35	81(247)
78.7	12.3	69	69	29	29	86	44	50	18(39)	83	15	75	24
		73	10	81	33(112)	29	29	70	70	10	73	34	81(247)
85.3	10.1	69	69	28	28	87	42	50	16(40)	83	14	76	23
		75	9	81	30(108)	28	28	70	70	9	75	31	81(251)
91.9	8.4	69	69	27	27	88	41	50	15(40)	84	12	76	21
		76	7	81	29(108)	27	27	70	70	7	75	30	82(251)
98.4	6.6	69	69	27	27	88	41	50	14(40)	84	11	76	21
		75	6	81	29(108)	26	26	70	70	6	75	29	82(251)
105.0	5.1	69	69	26	26	88	40	49	13(40)	84	11	76	20
		75	6	81	28(108)	25	25	70	70	5	75	29	82(251)
111.5	3.7	69	69	26	26	88	39	50	12(41)	84	9	76	19
		75	4	82	28(109)	25	25	70	70	4	74	29	82(250)
118.1	2.6	69	69	25	25	89	39	49	11(41)	85	8	77	19
		75	3	82	27(109)	24	24	70	70	3	75	28	82(250)

HA=193.9 HI= 29.5 GGW= 55.8 SL= 0.0 MAX(A,B,C,D)= 8.2 7.0 7.6 7.7

Main boom and fixed jib (jib angle 40.0 degrees)

Length of main boom = 205.7 ft Length of jib = 29.5 ft
 Main boom sequence = 45-100-100-100-100-100 % LK = 77
 Counterweight = 55.8 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
	1(0)				2(...)								
	3(90)				4(...)								
	A	B	C	D	A	B	C	D	A	B	C	D	
72.2	14.6	69	69	31	31	86	43	52	19(41)	82	17	75	25
		73	13	80	34(111)	31	31	69	69	13	73	34	80(248)
78.7	12.1	69	69	30	30	86	44	50	18(39)	83	16	75	24
		73	11	81	33(112)	29	29	69	69	11	72	34	81(247)
85.3	9.9	69	69	29	29	86	43	50	17(39)	83	14	75	23
		73	9	81	33(112)	28	28	69	69	9	72	33	81(247)
91.9	7.9	69	69	28	28	86	41	50	16(40)	83	13	75	22
		75	9	80	30(108)	27	27	69	69	9	74	30	80(251)
98.4	6.4	69	69	27	27	87	41	50	15(40)	83	12	75	21
		75	7	81	29(108)	26	26	69	69	7	74	30	81(251)

105.0 4.9 69 69 26 26 87 40 49 14(40) 83 11 75 21
 75 6 81 28(108) 26 26 69 69 6 74 29 81(251)
 111.5 3.5 69 69 26 26 87 40 49 13(40) 83 10 76 20
 75 5 81 28(108) 25 25 69 69 5 74 28 81(251)
 118.1 2.4 69 69 25 25 88 39 49 12(41) 84 9 76 19
 75 4 82 28(109) 24 24 70 70 4 74 28 82(250)

 HA=205.7 HI= 29.5 GGW= 55.8 SL= 0.0 MAX(A,B,C,D)= 8.2 6.9 7.6 7.6

Main boom and fixed jib (jib angle 40.0 degrees)

Length of main boom = 208.0 ft Length of jib = 29.5 ft
 Main boom sequence = 90-90-90-90-90-90 % LK = 78
 Counterweight = 55.8 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]								(Pos.[Degrees])				0-360 Degr.											
		1(0)		2(...)				3(90)		4(...)		5(180)			6(...)										
		A	B	C	D	A	B	C	D	A	B	C	D		A	B	C	D							
72.2	13.4	69	69	31	31	85	43	51	20(41)	81	18	74	26	73	13	79	34(111)	31	31	69	69	13	72	34	79(248)
78.7	10.8	68	68	30	30	84	44	49	19(38)	81	16	74	24	72	12	79	33(111)	30	30	69	69	11	72	34	79(248)
85.3	8.8	68	68	29	29	85	43	49	17(39)	82	15	75	23	72	9	80	33(112)	28	28	69	69	9	71	33	80(247)
91.9	6.8	68	68	28	28	85	42	49	16(39)	82	14	74	22	74	9	79	30(107)	27	27	69	69	9	74	30	79(252)
98.4	5.3	68	68	27	27	86	41	49	15(40)	82	12	75	21	74	7	80	29(108)	26	26	69	69	7	74	30	80(251)
105.0	3.7	68	68	27	27	86	40	49	14(40)	82	11	75	21	74	7	80	28(108)	26	26	69	69	6	73	29	80(251)
111.5	2.4	68	68	26	26	86	40	49	13(40)	82	10	75	20	74	6	80	28(108)	25	25	69	69	6	73	28	80(251)

 HA=208.0 HI= 29.5 GGW= 55.8 SL= 0.0 MAX(A,B,C,D)= 8.0 6.9 7.5 7.5

Main boom and fixed jib (jib angle 40.0 degrees)

Length of main boom = 222.4 ft Length of jib = 29.5 ft
 Main boom sequence = 100-100-100-100-100-100 % LK = 79
 Counterweight = 55.8 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]								(Pos.[Degrees])				0-360 Degr.											
		1(0)		2(...)				3(90)		4(...)		5(180)			6(...)										
		A	B	C	D	A	B	C	D	A	B	C	D		A	B	C	D							
78.7	10.1	67	67	31	31	83	43	50	20(40)	80	17	73	25	71	13	78	34(111)	30	30	68	68	13	71	34	78(248)
85.3	8.2	67	67	30	30	83	43	49	19(38)	80	16	73	24	71	11	78	33(111)	29	29	68	68	11	71	33	79(248)
91.9	6.4	67	67	28	28	84	42	49	17(39)	81	14	74	23	71	9	79	32(112)	28	28	68	68	9	71	33	79(247)
98.4	4.6	67	67	28	28	84	41	49	16(39)	81	14	73	22	73	9	78	29(107)	27	27	68	68	9	73	30	78(252)
105.0	3.3	67	67	27	27	84	41	48	15(39)	81	12	74	21	74	8	79	28(107)	26	26	68	68	7	73	29	79(252)

HA=222.4 HI= 29.5 GGW= 55.8 SL= 0.0 MAX(A,B,C,D)= 7.8 6.8 7.4 7.4

Programm L A M O S 9 9 Version 1.08 vom 29.09.02

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Eingabedatei: ilam.dat

Festdatei : /berechnung/tabellen/zentraledaten/lamosfd-ac/200-1.99dat

Tabellendat.: /berechnung/tabellen/ac/ac200-1/serie_3/pc_tab/22137012_tab.txt

H

DEMAG Mobile Cranes

O U T R I G G E R - L O A D I N G S

(Variance = +/-10%)

PSI= 1.00

Crane : *** AC 200-1 *** mit HKHI fuer GA und MS

Outrigger width = 18.7 ft Outrigger length = 27.7 ft
Outrigger "A" X = 12.0 ft Outrigger "A" Y = 9.4 ft
Outrigger "B" X = 12.0 ft Outrigger "B" Y = -9.4 ft
Outrigger "C" X = -15.7 ft Outrigger "C" Y = 9.4 ft
Outrigger "D" X = -15.7 ft Outrigger "D" Y = -9.4 ft

Main boom and fixed jib (jib angle 0.0 degrees)

Length of main boom = 40.7 ft Length of jib = 29.5 ft

Main boom sequence = 0-0-0-0-0-0 % LK = 1

Counterweight = 48.7 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
	1(0)	2(...)	3(90)	4(...)	5(180)	6(...)	7(90)						
	A	B	C	D	A	B	C	D	A	B	C	D	
9.8	39.7	47	47	62	62	38	63	49	67(59)	41	69	43	65
		49	71	40	57(128)	63	63	45	45	71	49	57	40(232)
11.5	39.7	48	48	61	61	41	61	50	65(59)	43	66	45	63
		50	68	43	57(128)	62	62	47	47	68	50	57	43(232)
13.1	39.7	50	50	59	59	45	60	51	62(59)	46	64	47	61
		51	65	45	56(128)	60	60	49	49	65	51	56	45(232)
14.8	39.7	51	51	58	58	48	58	52	60(59)	49	61	49	58
		52	62	48	55(128)	58	58	50	50	62	52	55	48(232)
16.4	39.7	53	53	56	56	51	57	53	57(59)	52	58	51	56
		54	59	51	55(128)	57	57	52	52	59	54	55	51(232)
19.7	39.7	56	56	52	52	58	54	55	52(59)	57	52	56	52
		56	52	56	53(128)	54	54	55	55	52	56	53	56(232)
23.0	39.7	60	60	49	49	64	50	57	46(59)	63	47	60	48
		58	46	62	52(128)	50	50	59	59	46	58	52	62(232)
26.2	38.6	62	62	46	46	63	61	47	45(6)	67	42	63	44
		67	42	63	44(90)	47	47	61	61	42	67	44	63(270)
29.5	35.3	63	63	44	44	67	58	48	41(17)	69	39	64	41
		69	39	64	41(90)	45	45	62	62	39	68	42	64(269)
32.8	31.7	62	62	42	42	68	56	48	38(22)	69	36	65	40
		68	35	65	40(94)	43	43	62	62	35	68	41	65(265)
39.4	27.1	63	63	39	39	72	52	49	33(30)	72	31	67	35
		69	29	69	38(101)	39	39	63	63	29	69	38	69(258)

45.9 23.4 64 64 36 36 75 49 49 28(34) 74 26 69 32
 70 24 72 36(105) 36 36 65 65 23 69 37 72(254)
 52.5 20.7 66 66 34 34 79 45 50 24(38) 77 22 71 29
 71 18 75 35(108) 33 33 66 66 18 70 35 75(251)
 59.1 18.1 67 67 31 31 82 43 50 21(40) 79 19 72 26
 71 14 77 34(110) 31 31 67 67 14 71 34 77(249)

 HA= 40.7 HI= 29.5 GGW= 48.7 SL= 0.0 MAX(A,B,C,D)= 7.6 6.6 7.1 7.2

Main boom and fixed jib (jib angle 0.0 degrees)
 Length of main boom = 54.5 ft Length of jib = 29.5 ft
 Main boom sequence = 0-0-0-0-0-45 % LK = 7
 Counterweight = 48.7 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.			
		1(0)		2(...)		3(90)		6(...)					
A	B	C	D	A	B	C	D	A	B	C	D		
9.8	39.7	46	46	63	63	38	63	49	68(59)	40	70	43	65
		49	72	40	57(128)	64	64	45	45	72	49	57	40(232)
11.5	39.7	48	48	61	61	41	62	50	65(59)	43	67	45	63
		50	69	42	57(128)	62	62	47	47	69	50	57	42(232)
13.1	39.7	49	49	60	60	44	60	51	63(59)	46	64	47	61
		51	66	45	56(128)	60	60	48	48	66	51	56	45(232)
14.8	39.7	51	51	58	58	47	59	52	60(59)	48	62	49	59
		52	63	47	56(128)	59	59	50	50	63	52	56	47(232)
16.4	39.7	52	52	56	56	50	57	52	58(59)	51	59	51	57
		53	60	50	55(128)	57	57	52	52	60	53	55	50(232)
19.7	39.7	56	56	53	53	57	54	54	52(59)	56	54	55	53
		56	53	55	54(127)	54	54	55	55	53	56	54	55(232)
23.0	39.7	59	59	50	50	63	51	56	47(59)	62	48	59	49
		58	47	60	52(128)	51	51	58	58	47	58	52	60(232)
26.2	39.7	62	62	47	47	63	61	47	46(5)	67	43	63	45
		67	43	63	45(90)	48	48	61	61	43	67	45	63(270)
29.5	39.7	65	65	43	43	72	57	50	39(25)	73	37	67	40
		71	36	69	42(97)	44	44	64	64	36	71	42	69(262)
32.8	37.3	67	67	41	41	75	54	51	35(30)	75	34	69	38
		72	32	71	40(101)	42	42	66	66	32	72	41	71(258)
39.4	32.2	68	68	37	37	79	51	51	29(35)	78	28	71	33
		73	25	75	38(106)	38	38	67	67	25	72	38	75(253)
45.9	27.8	68	68	35	35	82	47	51	25(38)	80	23	73	30
		73	20	77	37(109)	35	35	68	68	19	72	37	77(250)
52.5	24.9	70	70	32	32	86	44	52	20(41)	83	19	75	26
		74	14	80	35(111)	32	32	70	70	14	73	35	80(248)
59.1	22.0	71	71	29	29	88	43	51	17(40)	85	15	77	24
		74	10	82	33(112)	29	29	71	71	10	74	34	82(247)
65.6	18.7	70	70	28	28	88	42	50	16(40)	84	13	76	22
		76	9	82	30(108)	28	28	71	71	9	76	31	82(251)
72.2	15.9	69	69	27	27	88	41	50	15(40)	84	12	76	21
		76	7	81	29(108)	27	27	70	70	7	75	30	82(251)

 HA= 54.5 HI= 29.5 GGW= 48.7 SL= 0.0 MAX(A,B,C,D)= 8.2 7.0 7.6 7.7

Main boom and fixed jib (jib angle 0.0 degrees)

Length of main boom = 68.6 ft Length of jib = 29.5 ft
 Main boom sequence = 0-0-0-0-0-90 % LK = 13
 Counterweight = 48.7 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]								(Pos.[Degrees])				0-360 Degr.
		1(0)				2(...)				3(90)				
		A	B	C	D	A	B	C	D	A	B	C	D	
13.1	39.7	49	49	60	60	43	60	50	63(59)	45	65	47	61	
		51	66	45	56(128)	61	61	48	48	66	51	56	45(232)	
14.8	39.7	51	51	58	58	47	59	51	61(59)	48	62	49	59	
		52	63	47	56(128)	59	59	50	50	63	52	56	47(232)	
16.4	39.7	52	52	57	57	50	57	52	58(59)	50	59	50	57	
		53	60	50	55(128)	58	58	51	51	60	53	55	50(232)	
19.7	39.7	55	55	53	53	56	54	54	53(59)	56	54	54	53	
		55	54	55	54(127)	54	54	54	54	54	55	54	55(232)	
23.0	39.7	59	59	50	50	62	52	56	48(59)	61	49	59	49	
		58	48	60	52(128)	51	51	58	58	48	58	52	60(232)	
26.2	38.4	61	61	47	47	67	49	57	44(59)	65	44	62	46	
		65	44	62	46(90)	48	48	60	60	44	65	46	62(270)	
29.5	35.7	62	62	45	45	64	59	47	43(11)	67	41	63	43	
		67	41	63	43(90)	46	46	61	61	41	67	43	63(270)	
32.8	33.1	62	62	43	43	67	57	48	40(19)	69	37	64	41	
		68	37	65	41(92)	44	44	62	62	37	68	41	65(267)	
39.4	29.1	64	64	40	40	72	53	49	34(29)	72	32	67	36	
		69	30	69	39(101)	40	40	63	63	30	69	39	69(258)	
45.9	25.6	65	65	37	37	76	49	49	29(34)	75	27	69	33	
		70	24	72	37(105)	37	37	65	65	24	70	37	72(254)	
52.5	22.3	66	66	34	34	78	47	50	26(37)	76	24	70	30	
		71	20	74	35(107)	34	34	66	66	20	70	36	74(252)	
59.1	20.3	67	67	32	32	82	44	50	22(39)	79	19	73	27	
		71	15	77	34(110)	32	32	67	67	15	71	35	77(249)	
65.6	18.5	69	69	30	30	85	43	50	18(39)	82	16	75	24	
		72	11	80	33(112)	29	29	69	69	11	72	34	80(247)	
72.2	16.5	69	69	28	28	87	42	50	15(40)	84	13	76	22	
		75	8	81	30(108)	27	27	70	70	8	75	30	81(251)	
78.7	14.1	69	69	27	27	87	41	50	15(40)	83	12	75	21	
		75	7	81	29(108)	26	26	69	69	7	74	30	81(251)	
85.3	12.1	68	68	26	26	87	40	49	14(40)	83	11	75	21	
		75	6	80	28(108)	26	26	69	69	6	74	29	81(251)	

HA= 68.6 HI= 29.5 GGW= 48.7 SL= 0.0 MAX(A,B,C,D)= 8.1 7.0 7.5 7.5

Main boom and fixed jib (jib angle 0.0 degrees)

Length of main boom = 70.2 ft Length of jib = 29.5 ft
 Main boom sequence = 0-0-0-0-0-100 % LK = 14
 Counterweight = 48.7 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]								(Pos.[Degrees])				0-360 Degr.
		1(0)				2(...)				3(90)				
		A	B	C	D	A	B	C	D	A	B	C	D	
13.1	39.7	49	49	60	60	43	60	50	63(59)	45	65	47	62	
		51	66	44	56(128)	61	61	48	48	66	51	56	44(232)	

14.8	39.7	51	51	58	58	47	59	51	61(59)	48	62	49	59
		52	63	47	56(128)	59	59	50	50	63	52	56	47(232)
16.4	39.7	52	52	57	57	50	57	52	58(59)	50	60	50	57
		53	60	50	55(128)	58	58	51	51	60	53	55	50(232)
19.7	39.7	55	55	53	53	56	54	54	53(59)	56	54	54	53
		55	54	55	54(127)	54	54	54	54	54	55	54	55(232)
23.0	38.1	58	58	50	50	60	52	55	49(59)	60	49	57	50
		57	49	58	52(128)	52	52	57	57	49	57	52	58(232)
26.2	35.3	58	58	48	48	63	49	56	45(59)	62	46	59	47
		57	45	61	51(128)	49	49	58	58	45	57	51	61(232)
29.5	32.4	59	59	46	46	65	47	56	43(59)	63	43	60	45
		63	43	60	45(90)	47	47	58	58	43	63	45	60(270)
32.8	29.8	59	59	45	45	60	58	45	44(4)	64	40	61	43
		64	40	61	43(90)	45	45	59	59	40	64	43	61(270)
39.4	25.8	61	61	41	41	66	54	46	38(21)	67	35	63	39
		67	34	64	39(93)	41	41	60	60	34	66	39	64(266)
45.9	22.7	62	62	39	39	70	51	47	33(28)	70	30	65	35
		67	29	67	37(100)	38	38	62	62	29	67	38	67(259)
52.5	19.6	62	62	37	37	72	49	47	30(32)	71	27	66	33
		68	25	69	36(103)	36	36	63	63	25	67	37	69(256)
59.1	17.9	64	64	34	34	76	46	48	26(36)	74	23	69	30
		69	20	72	35(107)	34	34	64	64	20	68	35	72(252)
65.6	16.3	65	65	32	32	80	43	49	22(39)	77	20	71	27
		70	16	75	34(109)	31	31	66	66	15	69	34	75(250)
72.2	14.6	66	66	30	30	81	44	48	20(37)	78	17	72	25
		70	13	77	33(110)	30	30	67	67	13	70	33	77(249)
78.7	13.7	68	68	28	28	85	42	49	16(39)	82	13	74	22
		74	9	79	29(107)	27	27	69	69	9	74	30	79(252)
85.3	12.1	68	68	27	27	86	40	49	14(40)	83	11	75	21
		75	7	80	29(108)	26	26	69	69	6	74	29	80(251)

 HA= 70.2 HI= 29.5 GGW= 48.7 SL= 0.0 MAX(A,B,C,D)= 8.0 6.9 7.5 7.5

Main boom and fixed jib (jib angle 0.0 degrees)

Length of main boom = 82.3 ft Length of jib = 29.5 ft
 Main boom sequence = 0-0-0-0-45-90 % LK = 20
 Counterweight = 48.7 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.			
		1(0)		2(...)		3(90)		6(...)					
		4(...)		5(180)		6(...)							
		A	B	C	D	A	B	C	D				
16.4	39.7	52	52	57	57	50	57	52	58(59)	50	60	50	57
		53	60	50	55(128)	58	58	51	51	60	53	55	50(232)
19.7	39.7	55	55	53	53	56	54	54	53(59)	56	54	54	53
		55	54	55	54(127)	54	54	54	54	54	55	54	55(232)
23.0	39.7	59	59	50	50	62	52	56	48(59)	61	49	59	49
		58	48	60	52(128)	51	51	58	58	48	58	52	60(232)
26.2	39.7	62	62	47	47	68	49	58	43(59)	66	43	63	45
		66	43	63	45(90)	48	48	61	61	43	66	45	63(270)
29.5	38.6	64	64	44	44	69	58	49	41(20)	70	39	66	42
		70	39	66	42(92)	45	45	63	63	38	70	42	66(267)
32.8	36.2	65	65	42	42	72	55	50	37(27)	73	35	67	39
		71	34	69	41(98)	43	43	64	64	34	71	41	69(261)

39.4	31.3	66	66	39	39	76	52	50	31(33)	75	30	69	35
		71	27	72	39(104)	39	39	66	66	27	71	39	72(255)
45.9	28.0	68	68	35	35	81	48	51	26(37)	79	24	72	31
		72	21	76	37(108)	35	35	67	67	21	72	37	76(251)
52.5	25.1	69	69	32	32	85	45	52	22(40)	82	20	74	27
		73	16	79	35(110)	32	32	69	69	15	73	35	79(249)
59.1	22.5	70	70	30	30	87	44	51	18(39)	84	16	76	24
		74	11	82	34(112)	30	30	70	70	11	73	34	82(247)
65.6	19.4	70	70	29	29	87	43	51	17(40)	84	14	76	23
		76	10	81	31(108)	28	28	70	70	9	75	31	81(251)
72.2	16.5	69	69	28	28	87	42	50	16(40)	83	13	76	22
		75	9	81	30(108)	28	28	70	70	8	75	30	81(251)
78.7	14.1	69	69	27	27	86	41	50	15(40)	83	12	75	21
		75	7	80	29(108)	27	27	69	69	7	74	30	81(251)
85.3	12.1	68	68	27	27	86	40	49	14(40)	83	11	75	21
		75	7	80	29(108)	26	26	69	69	6	74	29	80(251)
91.9	10.6	68	68	26	26	87	40	49	13(40)	83	10	75	20
		75	5	81	28(108)	25	25	69	69	5	74	28	81(251)
98.4	9.0	68	68	25	25	86	39	49	13(40)	83	9	75	19
		74	5	81	27(108)	24	24	69	69	4	74	28	81(251)

HA= 82.3 HI= 29.5 GGW= 48.7 SL= 0.0 MAX(A,B,C,D)= 8.1 7.0 7.6 7.6

Main boom and fixed jib (jib angle 0.0 degrees)

Length of main boom = 84.0 ft Length of jib = 29.5 ft

Main boom sequence = 0-0-0-0-45-100 % LK = 21

Counterweight = 48.7 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.			
		1(0)		2(...)		3(90)		6(...)					
		4(...)		5(180)		6(...)							
		A	B	C	D	A	B	C	D	A	B	C	D
16.4	39.7	52	52	57	57	50	58	52	58(59)	50	60	50	57
		53	60	50	55(128)	58	58	51	51	60	53	55	50(232)
19.7	39.7	55	55	54	54	56	54	54	53(59)	56	54	54	53
		55	54	55	54(127)	54	54	54	54	54	55	54	55(232)
23.0	39.7	58	58	50	50	62	52	56	48(59)	61	49	58	49
		58	48	60	52(128)	51	51	58	58	48	58	52	60(232)
26.2	36.8	60	60	48	48	65	49	56	45(59)	63	45	60	46
		63	45	60	46(90)	49	49	59	59	45	63	46	60(270)
29.5	34.4	60	60	46	46	61	60	46	45(3)	65	41	62	44
		65	41	62	44(90)	46	46	60	60	41	65	44	62(270)
32.8	32.2	62	62	44	44	65	57	47	41(16)	67	38	63	41
		67	38	63	41(90)	44	44	61	61	38	67	41	63(270)
39.4	27.8	62	62	40	40	69	53	48	35(26)	70	33	65	37
		68	32	67	39(98)	41	41	62	62	32	68	39	67(261)
45.9	24.7	64	64	37	37	74	50	49	30(32)	73	28	68	34
		69	26	70	37(104)	37	37	64	64	26	69	38	71(255)
52.5	22.3	65	65	35	35	78	47	49	26(36)	76	24	70	30
		70	21	74	36(107)	34	34	66	66	21	70	36	74(252)
59.1	19.8	66	66	32	32	81	45	50	22(39)	78	21	72	28
		71	16	76	34(109)	32	32	67	67	16	71	35	76(250)
65.6	18.1	68	68	30	30	84	44	49	19(38)	81	17	74	25
		72	12	79	33(111)	30	30	68	68	12	71	34	79(248)

72.2	16.5	69	69	28	28	87	42	50	16(40)	83	13	75	22
	75	9	81	30(108)	28	28	70	70	9	75	30	81(251)	
78.7	14.1	69	69	28	28	86	41	50	15(40)	83	13	75	22
	75	8	80	29(108)	27	27	69	69	8	74	30	80(251)	
85.3	12.1	68	68	27	27	86	40	49	14(40)	82	12	75	21
	74	7	80	29(108)	26	26	69	69	7	74	29	80(251)	
91.9	10.6	68	68	26	26	86	40	49	13(40)	83	10	75	20
	75	6	80	28(108)	25	25	69	69	5	74	28	81(251)	
98.4	9.3	68	68	25	25	87	39	49	12(41)	83	9	76	19
	74	4	81	28(109)	24	24	69	69	4	74	28	81(250)	

HA= 84.0 HI= 29.5 GGW= 48.7 SL= 0.0 MAX(A,B,C,D)= 8.1 6.9 7.5 7.6

Main boom and fixed jib (jib angle 0.0 degrees)

Length of main boom = 96.5 ft Length of jib = 29.5 ft

Main boom sequence = 0-0-0-0-90-90 % LK = 28

Counterweight = 48.7 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
	1(0)		2(...)		3(90)		6(...)						
	A	B	C	D	A	B	C	D	A	B	C	D	
19.7	39.7	55	55	53	53	56	54	54	53(59)	56	54	54	53
		55	54	55	54(127)	54	54	54	54	54	55	54	55(232)
23.0	39.7	59	59	50	50	62	52	56	48(59)	61	49	59	49
		58	48	60	52(128)	51	51	58	58	48	58	52	60(232)
26.2	39.7	62	62	47	47	68	49	58	43(59)	66	43	63	45
		66	43	63	45(90)	48	48	61	61	43	66	45	63(270)
29.5	39.0	64	64	44	44	69	58	49	40(21)	71	39	66	41
		70	38	67	42(93)	45	45	63	63	38	70	42	67(266)
32.8	36.6	65	65	42	42	73	56	50	37(27)	73	35	68	39
		71	34	69	41(99)	43	43	65	65	34	71	41	69(260)
39.4	32.6	67	67	38	38	79	51	51	30(35)	77	29	71	34
		72	26	74	39(106)	39	39	67	67	26	72	39	74(253)
45.9	28.7	68	68	35	35	82	48	52	25(38)	80	24	73	30
		73	20	77	37(109)	35	35	68	68	20	72	37	77(250)
52.5	25.8	70	70	32	32	86	44	52	21(41)	83	19	75	27
		74	15	80	35(111)	32	32	70	70	15	73	35	80(248)
59.1	23.1	71	71	30	30	89	44	52	17(40)	85	15	77	24
		75	10	83	34(112)	30	30	71	71	10	74	34	83(247)
65.6	19.4	70	70	29	29	87	43	51	17(40)	84	14	76	23
		74	9	82	33(112)	28	28	70	70	9	73	33	82(247)
72.2	16.5	69	69	28	28	87	42	50	16(40)	83	13	76	22
		75	9	81	30(108)	28	28	70	70	8	75	30	81(251)
78.7	14.1	69	69	27	27	86	41	50	15(40)	83	12	75	22
		75	8	80	29(108)	27	27	69	69	7	74	30	81(251)
85.3	12.1	68	68	27	27	86	40	49	14(40)	83	11	75	21
		74	7	80	29(108)	26	26	69	69	7	74	29	80(251)
91.9	10.6	68	68	26	26	87	40	49	13(40)	83	10	75	20
		75	5	81	28(108)	25	25	69	69	5	74	28	81(251)
98.4	9.0	68	68	26	26	86	39	49	13(40)	83	10	75	19
		74	5	80	28(108)	24	24	69	69	5	74	28	81(251)
105.0	7.9	68	68	25	25	87	38	49	11(41)	83	8	76	19
		74	3	81	27(109)	24	24	69	69	3	73	28	82(250)

111.5 6.8 68 68 24 24 88 38 49 11(41) 84 7 76 18
 74 2 82 27(109) 23 23 69 69 2 74 27 82(250)

HA= 96.5 HI= 29.5 GGW= 48.7 SL= 0.0 MAX(A,B,C,D)= 8.2 6.9 7.7 7.7

Main boom and fixed jib (jib angle 0.0 degrees)

Length of main boom = 100.4 ft Length of jib = 29.5 ft

Main boom sequence = 0-0-0-0-100-100 % LK = 29

Counterweight = 48.7 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.
	1(0)				2(...)				
	4(...)				5(180)				
A B C D	A B C D	A B C D	A B C D	A B C D	A B C D	A B C D	A B C D		
23.0 39.7	59 59 50 50	62 52 56 48(59)	61 49 59 49	58 48 60 52(128)	51 51 58 58	48 58 52 60(232)			
26.2 37.7	60 60 48 48	66 49 57 44(59)	64 45 61 46	64 45 61 46(90)	49 49 59 59	45 64 46 61(270)			
29.5 35.3	61 61 45 45	63 59 47 44(8)	66 41 63 43	66 41 63 43(90)	46 46 61 61	41 66 43 63(270)			
32.8 32.6	62 62 43 43	66 57 47 41(17)	68 38 64 41	68 38 64 41(90)	44 44 61 61	38 68 41 64(269)			
39.4 28.9	63 63 40 40	72 52 49 34(29)	71 32 67 37	69 30 68 39(100)	40 40 63 63	30 69 39 69(259)			
45.9 25.4	65 65 37 37	75 50 49 30(33)	74 28 69 33	70 25 71 37(104)	37 37 65 65	25 70 37 71(255)			
52.5 22.3	65 65 35 35	78 47 49 26(36)	76 24 70 30	70 21 74 36(107)	35 35 66 66	21 70 36 74(252)			
59.1 20.3	67 67 32 32	82 45 50 22(39)	79 20 72 27	71 16 77 35(110)	32 32 67 67	15 71 35 77(249)			
65.6 18.3	68 68 30 30	84 44 49 19(38)	81 17 74 25	72 12 79 33(111)	30 30 69 69	12 72 34 79(248)			
72.2 16.3	69 69 28 28	86 43 49 17(39)	83 14 75 23	75 9 80 30(107)	28 28 69 69	9 75 30 80(252)			
78.7 14.1	69 69 28 28	86 41 50 15(40)	83 13 75 22	75 8 80 29(108)	27 27 69 69	8 74 30 80(251)			
85.3 12.1	68 68 27 27	86 41 49 15(40)	82 12 75 21	74 7 80 29(108)	26 26 69 69	7 74 29 80(251)			
91.9 10.6	68 68 26 26	86 40 49 13(40)	83 10 75 20	75 6 80 28(108)	25 25 69 69	6 74 28 81(251)			
98.4 9.0	68 68 26 26	86 39 49 13(40)	82 10 75 20	74 5 80 28(108)	24 24 69 69	5 74 28 80(251)			
105.0 7.9	68 68 25 25	87 38 49 12(41)	83 9 75 19	74 3 81 27(109)	24 24 69 69	3 73 28 81(250)			
111.5 6.8	68 68 24 24	87 38 49 11(41)	83 8 76 18	74 2 81 27(109)	23 23 69 69	2 73 27 82(250)			

HA=100.4 HI= 29.5 GGW= 48.7 SL= 0.0 MAX(A,B,C,D)= 8.1 6.9 7.6 7.6

Main boom and fixed jib (jib angle 0.0 degrees)

Length of main boom = 110.2 ft Length of jib = 29.5 ft

Main boom sequence = 0-0-0-45-90-90 % LK = 36

Counterweight = 48.7 kip

Radius Cap. [ft]	Cap. [kip]	Outrigger Loadin[kip]								(Pos.[Degrees])				0-360 Degr.	
		1(0)		2(...)		3(90)		4(...)		5(180)		6(...)			
		A	B	C	D	A	B	C	D	A	B	C	D		
23.0	39.7	59	59	50	50	63	51	56	48	(59)	62	49	59	49	
		58	47	60	52	(128)	51	51	58	58	47	58	52	60	(232)
26.2	39.7	62	62	47	47	62	62	47	47	(2)	67	43	63	45	
		67	43	63	45	(90)	48	48	61	61	43	67	45	63	(270)
29.5	39.7	65	65	44	44	71	57	50	39	(24)	72	38	67	41	
		71	37	68	42	(96)	45	45	64	64	37	71	42	68	(263)
32.8	37.9	67	67	41	41	76	55	51	35	(30)	75	34	69	38	
		72	32	72	41	(102)	42	42	66	66	31	72	41	72	(257)
39.4	33.7	69	69	37	37	81	50	52	28	(37)	79	27	73	33	
		74	24	76	38	(107)	38	38	68	68	24	73	39	77	(252)
45.9	30.4	71	71	34	34	86	47	53	22	(40)	83	21	76	28	
		75	17	81	36	(111)	34	34	70	70	17	74	37	81	(248)
52.5	27.1	72	72	31	31	90	45	52	19	(40)	86	17	78	25	
		76	11	83	34	(112)	31	31	72	72	11	75	35	84	(247)
59.1	22.7	71	71	30	30	89	44	51	17	(40)	85	15	77	24	
		75	10	83	33	(112)	29	29	71	71	10	74	34	83	(247)
65.6	19.0	70	70	29	29	87	43	51	17	(40)	84	14	76	23	
		76	9	81	31	(108)	28	28	70	70	9	75	31	81	(251)
72.2	16.1	69	69	28	28	87	42	50	16	(40)	83	13	76	22	
		75	8	81	30	(108)	27	27	70	70	8	75	30	81	(251)
78.7	13.7	69	69	27	27	86	41	49	15	(40)	83	12	75	21	
		75	7	80	29	(108)	26	26	69	69	7	74	30	81	(251)
85.3	11.7	68	68	27	27	86	40	49	14	(40)	83	11	75	21	
		74	6	80	28	(108)	26	26	69	69	6	74	29	80	(251)
91.9	10.1	68	68	26	26	87	40	49	13	(40)	83	10	75	20	
		75	5	81	28	(108)	25	25	69	69	5	74	28	81	(251)
98.4	8.6	68	68	25	25	86	39	49	13	(40)	83	9	75	19	
		74	4	80	27	(108)	24	24	69	69	4	74	28	81	(251)
105.0	7.5	68	68	24	24	87	38	49	11	(41)	83	8	76	18	
		74	3	81	27	(109)	23	23	69	69	3	73	28	82	(250)
111.5	6.4	68	68	24	24	88	37	49	10	(41)	84	7	76	18	
		74	2	82	27	(109)	23	23	69	69	2	74	27	82	(250)
118.1	5.5	68	68	23	23	88	37	49	9	(41)	84	6	76	17	
		75	1	82	26	(109)	22	22	70	70	1	74	26	82	(250)
124.7	4.6	68	68	23	23	89	36	49	9	(42)	84	6	76	16	
		74	0	83	26	(110)	21	21	70	70	0	73	26	83	(249)

HA=110.2 HI= 29.5 GGW= 48.7 SL= 0.0 MAX(A,B,C,D)= 8.3 7.0 7.7 7.8

Main boom and fixed jib (jib angle 0.0 degrees)
Length of main boom = 114.5 ft Length of jib = 29.5 ft
Main boom sequence = 0-0-0-45-100-100 % LK = 37
Counterweight = 48.7 kip

Radius Cap. [ft]	Cap. [kip]	Outrigger Loadin[kip]								(Pos.[Degrees])				0-360 Degr.	
		1(0)		2(...)		3(90)		4(...)		5(180)		6(...)			
		A	B	C	D	A	B	C	D	A	B	C	D		
26.2	38.4	61	61	47	47	67	49	57	43	(59)	65	44	62	45	
		65	44	62	45	(90)	48	48	60	60	44	65	45	62	(270)

29.5	35.9	62	62	45	45	65	59	47	43(13)	68	40	64	43
		68	40	64	43(90)	46	46	61	61	40	68	43	64(270)
32.8	33.7	63	63	43	43	69	56	48	39(22)	70	37	65	40
		69	36	66	41(94)	43	43	62	62	36	69	41	66(265)
39.4	29.5	65	65	39	39	74	52	49	33(31)	73	31	68	36
		70	29	70	39(102)	39	39	64	64	29	70	39	70(257)
45.9	26.7	67	67	36	36	79	49	50	27(36)	77	26	71	32
		71	22	74	37(107)	36	36	66	66	22	71	37	75(252)
52.5	23.8	68	68	33	33	82	46	51	23(39)	80	21	73	28
		73	17	77	35(109)	33	33	68	68	17	72	35	77(250)
59.1	21.4	69	69	31	31	85	45	50	20(38)	82	17	75	25
		73	13	80	34(111)	30	30	69	69	12	73	34	80(248)
65.6	19.2	70	70	29	29	88	43	51	16(40)	84	14	76	23
		76	9	81	30(108)	28	28	70	70	9	76	31	82(251)
72.2	16.1	69	69	28	28	87	42	50	16(40)	83	13	75	22
		75	9	81	30(108)	27	27	70	70	8	75	30	81(251)
78.7	13.9	69	69	27	27	87	41	50	15(40)	83	12	76	21
		75	7	81	29(108)	26	26	70	70	7	75	30	81(251)
85.3	11.9	69	69	26	26	87	40	49	14(40)	83	11	75	21
		75	6	81	28(108)	26	26	69	69	6	74	29	81(251)
91.9	10.1	68	68	26	26	86	40	49	13(40)	83	10	75	20
		74	5	80	28(108)	25	25	69	69	5	74	28	81(251)
98.4	8.8	68	68	25	25	87	38	49	12(41)	83	9	76	19
		74	4	81	28(109)	24	24	69	69	4	73	28	81(250)
105.0	7.5	68	68	25	25	87	38	49	11(41)	83	8	75	19
		74	3	81	27(109)	24	24	69	69	3	73	28	81(250)
111.5	6.4	68	68	24	24	87	38	49	11(41)	83	7	76	18
		74	2	81	27(109)	23	23	69	69	2	73	27	82(250)
118.1	5.5	68	68	23	23	88	37	49	10(41)	84	6	76	17
		74	1	82	26(109)	22	22	70	70	1	74	27	82(250)
124.7	4.6	68	68	23	23	88	37	48	9(41)	84	6	76	16
		75	0	82	26(109)	22	22	70	70	0	74	26	82(250)
131.2	3.7	68	68	23	23	88	37	48	9(41)	84	5	76	16
		74	0	82	25(109)	21	21	69	69	0	73	26	82(250)

HA=114.5 HI= 29.5 GGW= 48.7 SL= 0.0 MAX(A,B,C,D)= 8.2 7.0 7.6 7.7

Main boom and fixed jib (jib angle 0.0 degrees)
Length of main boom = 124.3 ft Length of jib = 29.5 ft
Main boom sequence = 0-0-0-90-90-90 % LK = 45
Counterweight = 48.7 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
	1(0)		2(...)		3(90)		6(...)						
	A	B	C	D	A	B	C	D					
29.5	39.7	65	65	43	43	72	57	50	39(25)	73	37	67	41
		71	36	69	42(97)	45	45	64	64	36	71	42	69(262)
32.8	37.7	67	67	41	41	76	54	51	35(31)	75	33	69	37
		72	31	72	40(102)	42	42	66	66	31	72	41	72(257)
39.4	34.0	69	69	37	37	82	50	52	28(37)	80	26	73	32
		74	23	77	38(108)	37	37	69	69	23	74	39	77(251)
45.9	30.6	71	71	33	33	88	46	54	22(41)	84	20	76	28
		75	16	82	36(111)	33	33	71	71	16	75	37	82(248)

52.5	27.3	73	73	30	30	91	45	52	17(40)	87	16	78	24
		76	10	85	35(113)	30	30	73	73	10	75	35	85(246)
59.1	22.5	71	71	29	29	89	43	51	17(40)	86	15	77	23
		75	9	83	34(113)	29	29	71	71	9	74	34	83(246)
65.6	18.7	70	70	28	28	88	42	51	16(40)	84	14	76	22
		76	9	81	30(108)	28	28	70	70	9	76	31	82(251)
72.2	15.9	69	69	28	28	87	41	50	15(40)	84	13	76	22
		75	8	81	30(108)	27	27	70	70	8	75	30	81(251)
78.7	13.4	69	69	27	27	87	41	49	14(40)	83	12	76	21
		75	7	81	29(108)	26	26	70	70	7	75	29	81(251)
85.3	11.5	69	69	26	26	87	40	49	13(40)	83	11	75	20
		75	6	81	28(108)	25	25	69	69	6	74	29	81(251)
91.9	9.7	68	68	26	26	86	40	49	13(40)	83	10	75	20
		75	5	81	28(108)	25	25	69	69	5	74	28	81(251)
98.4	8.4	68	68	25	25	87	38	49	12(41)	83	9	76	19
		74	4	81	28(109)	24	24	69	69	3	73	28	82(250)
105.0	7.1	68	68	24	24	87	38	49	11(41)	83	8	76	18
		74	3	81	27(109)	23	23	69	69	3	73	28	81(250)
111.5	6.2	69	69	24	24	88	37	49	10(41)	84	7	76	17
		75	1	82	26(109)	22	22	70	70	1	74	27	82(250)
118.1	5.1	68	68	23	23	88	37	49	9(41)	84	6	76	17
		74	1	82	26(109)	22	22	70	70	0	74	26	82(250)
124.7	4.2	68	68	23	23	89	36	49	9(42)	84	5	76	16
		74	0	83	26(110)	21	21	70	70	0	73	26	83(249)
131.2	3.3	68	68	22	22	89	35	49	8(42)	84	5	76	16
		73	0	83	25(110)	21	21	70	70	0	72	26	83(249)
137.8	2.4	68	68	22	22	88	36	48	9(41)	84	5	76	16
		73	0	82	25(109)	21	21	69	69	0	73	25	83(250)

 HA=124.3 HI= 29.5 GGW= 48.7 SL= 0.0 MAX(A,B,C,D)= 8.4 7.0 7.9 7.9

Main boom and fixed jib (jib angle 0.0 degrees)
 Length of main boom = 130.9 ft Length of jib = 29.5 ft
 Main boom sequence = 0-0-0-100-100-100 % LK = 46
 Counterweight = 48.7 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.			
		1(0)		2(...)		3(90)		6(...)					
		A	B	C	D	A	B	C	D	A	B	C	D
29.5	35.3	62	62	45	45	65	59	47	43(12)	67	40	63	43
		67	40	63	43(90)	46	46	61	61	40	67	43	63(270)
32.8	33.3	63	63	43	43	69	56	48	39(22)	70	37	65	40
		69	36	66	41(95)	43	43	62	62	35	69	41	66(264)
39.4	29.8	65	65	39	39	75	52	50	32(32)	74	30	69	35
		71	28	71	38(103)	39	39	65	65	28	70	39	71(256)
45.9	26.7	67	67	35	35	80	48	51	26(37)	78	25	71	31
		72	21	75	36(107)	35	35	67	67	21	72	37	75(252)
52.5	24.5	69	69	32	32	85	45	52	21(40)	82	19	74	27
		73	15	79	35(111)	32	32	69	69	15	73	35	80(248)
59.1	22.0	71	71	30	30	88	44	51	18(39)	84	15	77	24
		74	10	82	34(112)	29	29	71	71	10	74	34	82(247)
65.6	18.7	70	70	28	28	88	42	51	16(40)	84	14	76	22
		76	9	81	30(108)	28	28	70	70	9	76	31	82(251)

72.2	15.9	69	69	28	28	87	41	50	15(40)	84	13	76	22
	75	8	81	30(108)	27	27	70	70	8	75	30	81(251)	
78.7	13.4	69	69	27	27	87	41	49	14(40)	83	12	76	21
	75	7	81	29(108)	26	26	70	70	7	75	29	81(251)	
85.3	11.5	69	69	26	26	87	40	49	14(40)	83	11	75	20
	75	6	81	28(108)	25	25	69	69	6	74	29	81(251)	
91.9	9.7	68	68	26	26	86	40	49	13(40)	83	10	75	20
	75	5	80	28(108)	25	25	69	69	5	74	28	81(251)	
98.4	8.4	68	68	25	25	87	38	49	12(41)	83	9	76	19
	74	4	81	28(109)	24	24	69	69	4	73	28	81(250)	
105.0	7.1	68	68	24	24	87	38	49	11(41)	83	8	76	18
	74	3	81	27(109)	23	23	69	69	3	73	28	81(250)	
111.5	6.2	69	69	24	24	88	37	49	10(41)	84	7	76	17
	75	1	82	26(109)	22	22	70	70	1	74	27	82(250)	
118.1	5.1	68	68	23	23	88	37	49	9(41)	84	6	76	17
	74	1	82	26(109)	22	22	70	70	1	74	26	82(250)	
124.7	4.2	68	68	23	23	89	36	49	9(42)	84	5	76	16
	74	0	83	26(110)	21	21	70	70	0	73	26	83(249)	
131.2	3.3	68	68	22	22	89	35	49	8(42)	84	5	76	16
	73	0	83	25(110)	21	21	70	70	0	72	26	83(249)	
137.8	2.4	68	68	22	22	88	36	48	9(41)	84	5	76	16
	73	0	82	25(109)	21	21	69	69	0	73	25	83(250)	

 HA=130.9 HI= 29.5 GGW= 48.7 SL= 0.0 MAX(A,B,C,D)= 8.2 7.0 7.7 7.7

Main boom and fixed jib (jib angle 0.0 degrees)

Length of main boom = 138.1 ft Length of jib = 29.5 ft

Main boom sequence = 0-0-45-90-90-90 % LK = 54

Counterweight = 48.7 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.			
		1(0)		2(...)		3(90)		6(...)					
		4(...)		5(180)		6(...)							
		A	B	C	D	A	B	C	D				
32.8	37.7	67	67	41	41	77	54	51	34(32)	76	32	70	37
	73	30	73	40(103)	41	41	67	67	30	73	41	73(256)	
39.4	34.4	71	71	36	36	84	49	53	26(38)	82	25	75	31
	75	21	79	38(109)	36	36	70	70	21	75	38	79(250)	
45.9	31.1	73	73	32	32	90	45	54	20(42)	86	19	78	26
	76	14	84	36(112)	32	32	72	72	13	76	36	84(247)	
52.5	26.7	73	73	30	30	91	45	52	17(40)	87	15	79	24
	76	10	85	34(113)	30	30	73	73	10	75	35	85(246)	
59.1	21.8	71	71	29	29	89	43	51	16(40)	86	14	77	23
	77	9	82	31(108)	29	29	71	71	9	77	31	83(251)	
65.6	18.1	70	70	28	28	88	42	50	16(40)	84	13	77	22
	76	8	82	30(108)	28	28	71	71	8	76	30	82(251)	
72.2	15.0	69	69	28	28	87	41	50	15(40)	84	12	76	22
	75	8	81	29(108)	27	27	70	70	7	75	30	81(251)	
78.7	12.8	69	69	26	26	87	41	49	14(40)	84	11	76	21
	75	6	81	28(108)	26	26	70	70	6	75	29	81(251)	
85.3	10.8	69	69	26	26	87	40	49	13(40)	84	10	76	20
	75	5	81	28(108)	25	25	69	69	5	74	28	81(251)	
91.9	9.0	68	68	25	25	87	39	49	12(41)	83	9	75	19
	74	4	81	28(109)	24	24	69	69	4	73	28	81(250)	

98.4	7.7	68	68	24	24	88	38	49	11(41)	84	8	76	18
		74	3	82	27(109)	23	23	69	69	3	74	28	82(250)
105.0	6.4	68	68	24	24	88	38	49	11(41)	84	7	76	18
		74	2	82	27(109)	23	23	69	69	2	74	27	82(250)
111.5	5.3	68	68	23	23	88	37	49	10(41)	84	6	76	17
		74	1	82	26(109)	22	22	69	69	1	74	27	82(250)
118.1	4.2	68	68	23	23	88	37	48	9(41)	84	6	76	17
		74	1	82	26(109)	22	22	69	69	0	73	26	82(250)
124.7	3.3	68	68	23	23	88	36	48	9(41)	84	5	76	16
		74	0	82	25(109)	21	21	69	69	0	73	26	82(250)
131.2	2.4	68	68	22	22	88	36	48	8(41)	84	5	76	16
		73	0	82	24(109)	21	21	69	69	0	73	25	83(250)

HA=138.1 HI= 29.5 GGW= 48.7 SL= 0.0 MAX(A,B,C,D)= 8.4 7.1 7.9 7.9

Main boom and fixed jib (jib angle 0.0 degrees)

Length of main boom = 145.0 ft Length of jib = 29.5 ft

Main boom sequence = 0-0-45-100-100-100 % LK = 55

Counterweight = 48.7 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.			
		1(0)		2(...)		3(90)		6(...)					
		A	B	C	D	A	B	C	D				
32.8	33.1	63	63	42	42	69	56	49	38(24)	70	36	66	39
		69	35	67	41(96)	43	43	63	63	35	69	41	67(263)
39.4	30.0	66	66	38	38	77	51	50	30(34)	75	29	70	34
		71	26	73	38(105)	38	38	66	66	26	71	39	73(254)
45.9	27.3	69	69	34	34	82	47	51	24(38)	80	23	73	30
		73	19	77	36(109)	34	34	68	68	19	73	37	78(250)
52.5	24.7	70	70	31	31	87	44	52	20(41)	84	18	76	26
		74	13	81	34(111)	31	31	70	70	13	74	35	81(248)
59.1	21.8	71	71	29	29	89	43	51	16(40)	86	14	77	23
		77	9	82	31(108)	29	29	71	71	9	77	31	83(251)
65.6	18.1	70	70	28	28	88	42	50	16(40)	84	13	76	22
		76	8	82	30(108)	28	28	71	71	8	76	31	82(251)
72.2	15.2	69	69	27	27	88	41	50	15(40)	84	12	76	21
		76	7	81	29(108)	27	27	70	70	7	75	30	82(251)
78.7	12.8	69	69	27	27	87	41	49	14(40)	84	11	76	21
		75	6	81	29(108)	26	26	70	70	6	75	29	81(251)
85.3	10.8	69	69	26	26	87	40	49	13(40)	83	10	76	20
		75	5	81	28(108)	25	25	69	69	5	74	28	81(251)
91.9	9.0	68	68	25	25	87	39	49	12(41)	83	9	75	19
		74	4	81	28(109)	24	24	69	69	4	73	28	81(250)
98.4	7.7	68	68	24	24	88	38	49	11(41)	84	8	76	18
		74	3	82	27(109)	23	23	69	69	3	74	28	82(250)
105.0	6.6	69	69	24	24	88	37	49	10(41)	84	7	76	17
		75	1	82	26(109)	22	22	70	70	1	74	27	82(250)
111.5	5.3	68	68	24	24	88	37	49	10(41)	84	7	76	17
		74	1	82	26(109)	22	22	69	69	1	74	27	82(250)
118.1	4.2	68	68	23	23	88	37	48	9(41)	84	6	76	17
		74	1	82	26(109)	22	22	69	69	1	73	26	82(250)
124.7	3.3	68	68	23	23	88	37	48	9(41)	84	6	76	16
		74	0	82	25(109)	21	21	69	69	0	73	26	82(250)

131.2 2.4 68 68 22 22 88 36 48 9(41) 84 5 76 16
 73 0 82 25(109) 21 21 69 69 0 73 25 82(250)

HA=145.0 HI= 29.5 GGW= 48.7 SL= 0.0 MAX(A,B,C,D)= 8.3 7.1 7.7 7.7

Main boom and fixed jib (jib angle 0.0 degrees)
 Length of main boom = 152.2 ft Length of jib = 29.5 ft
 Main boom sequence = 0-0-90-90-90-90 % LK = 62
 Counterweight = 48.7 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]								(Pos.[Degrees])				0-360 Degr.
		1(0)				2(...)				3(90)				
		4(...)				5(180)				6(...)				
A	B	C	D	A	B	C	D	A	B	C	D			
39.4	33.7	70	70	36	36	85	49	53	26(39)	82	25	75	31	
		75	21	79	37(109)	36	36	70	70	21	75	38	79(250)	
45.9	30.0	72	72	32	32	89	45	54	20(41)	86	19	77	26	
		76	14	83	36(112)	32	32	72	72	14	75	36	83(247)	
52.5	24.9	71	71	30	30	88	45	51	18(39)	85	16	77	24	
		75	11	83	34(112)	30	30	71	71	11	75	35	83(247)	
59.1	20.9	71	71	29	29	89	43	51	16(40)	85	14	77	23	
		77	9	82	31(108)	29	29	71	71	9	76	31	82(251)	
65.6	17.4	70	70	28	28	88	42	50	15(40)	84	13	77	22	
		76	8	82	30(108)	27	27	70	70	8	76	30	82(251)	
72.2	14.6	69	69	27	27	88	41	50	14(40)	84	12	76	21	
		76	7	81	29(108)	26	26	70	70	7	75	30	82(251)	
78.7	12.1	69	69	26	26	87	40	49	13(40)	84	11	76	20	
		75	6	81	28(108)	26	26	70	70	6	75	29	81(251)	
85.3	10.1	69	69	26	26	87	39	49	13(41)	84	10	76	19	
		74	5	81	28(109)	25	25	69	69	4	74	29	82(250)	
91.9	8.6	69	69	25	25	88	38	49	11(41)	84	8	76	19	
		75	3	82	27(109)	24	24	70	70	3	74	28	82(250)	
98.4	7.1	68	68	24	24	88	38	49	11(41)	84	8	76	18	
		74	2	82	27(109)	23	23	69	69	2	74	27	82(250)	
105.0	6.0	69	69	23	23	89	37	49	9(41)	84	6	77	17	
		75	1	82	26(109)	22	22	70	70	1	74	27	82(250)	
111.5	4.6	68	68	23	23	88	37	48	9(41)	84	6	76	17	
		74	1	82	26(109)	22	22	69	69	0	74	26	82(250)	
118.1	3.5	68	68	23	23	88	37	48	9(41)	84	6	76	16	
		74	0	82	26(109)	21	21	69	69	0	73	26	82(250)	
124.7	2.6	68	68	22	22	88	35	49	8(42)	84	5	76	16	
		73	0	83	25(110)	21	21	69	69	0	72	25	83(249)	

HA=152.2 HI= 29.5 GGW= 48.7 SL= 0.0 MAX(A,B,C,D)= 8.3 7.1 7.7 7.7

Main boom and fixed jib (jib angle 0.0 degrees)
 Length of main boom = 161.4 ft Length of jib = 29.5 ft
 Main boom sequence = 0-0-100-100-100-100 % LK = 63
 Counterweight = 48.7 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]								(Pos.[Degrees])				0-360 Degr.
		1(0)				2(...)				3(90)				
		4(...)				5(180)				6(...)				
A	B	C	D	A	B	C	D	A	B	C	D			

39.4	28.4	65	65	38	38	75	51	50	31(33)	74	29	69	34
		70	27	71	38(104)	38	38	65	65	27	70	39	71(255)
45.9	26.7	69	69	34	34	83	47	52	24(39)	80	22	73	29
		73	19	78	36(109)	34	34	68	68	18	73	36	78(250)
52.5	24.3	71	71	31	31	87	45	51	19(39)	84	17	76	25
		74	12	82	34(112)	31	31	71	71	12	74	35	82(247)
59.1	20.5	70	70	29	29	88	43	51	17(40)	84	15	76	23
		74	9	82	33(112)	29	29	71	71	9	73	34	82(247)
65.6	17.2	70	70	28	28	88	42	50	16(40)	84	13	76	22
		76	8	81	30(108)	28	28	70	70	8	75	30	82(251)
72.2	14.6	69	69	27	27	88	41	50	14(40)	84	11	76	21
		76	7	82	29(108)	26	26	70	70	7	75	29	82(251)
78.7	12.1	69	69	26	26	87	40	49	13(40)	84	11	76	20
		75	6	81	28(108)	25	25	70	70	6	75	29	81(251)
85.3	10.1	69	69	26	26	88	39	49	12(41)	84	9	76	19
		75	4	81	28(109)	24	24	70	70	4	74	29	82(250)
91.9	8.6	69	69	25	25	88	38	49	11(41)	84	8	76	18
		75	3	82	27(109)	24	24	70	70	3	74	28	82(250)
98.4	7.1	68	68	24	24	88	38	49	11(41)	84	7	76	18
		75	2	82	27(109)	23	23	70	70	2	74	27	82(250)
105.0	5.7	68	68	24	24	88	37	49	10(41)	84	7	76	17
		74	1	82	26(109)	22	22	69	69	1	74	27	82(250)
111.5	4.6	68	68	23	23	88	37	48	9(41)	84	6	76	17
		75	0	82	26(109)	22	22	70	70	0	74	26	82(250)
118.1	3.5	68	68	23	23	88	37	48	9(41)	84	6	76	16
		74	0	82	25(109)	21	21	69	69	0	73	26	82(250)
124.7	2.4	67	67	23	23	87	36	48	9(41)	83	6	76	16
		74	0	82	25(109)	21	21	69	69	0	73	26	82(250)

 HA=161.4 HI= 29.5 GGW= 48.7 SL= 0.0 MAX(A,B,C,D)= 8.2 7.0 7.6 7.7

Main boom and fixed jib (jib angle 0.0 degrees)
 Length of main boom = 166.0 ft Length of jib = 29.5 ft
 Main boom sequence = 0-45-90-90-90-90 % LK = 68
 Counterweight = 48.7 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
	1(0)		2(...)		3(90)		6(...)						
	A	B	C	D	A	B	C	D					
39.4	33.5	71	71	35	35	86	48	53	24(39)	83	23	75	30
		75	19	80	37(110)	35	35	70	70	19	75	38	80(249)
45.9	27.6	70	70	33	33	86	46	52	22(40)	83	20	75	27
		74	15	80	36(111)	33	33	70	70	15	74	36	81(248)
52.5	22.7	70	70	31	31	86	45	51	19(39)	83	17	75	25
		74	13	80	34(111)	31	31	70	70	13	73	34	81(248)
59.1	19.0	69	69	29	29	86	43	50	18(39)	83	15	75	24
		73	10	81	33(112)	29	29	70	70	10	73	34	81(247)
65.6	15.9	69	69	28	28	87	42	50	16(40)	83	13	75	22
		75	9	80	30(108)	28	28	70	70	8	75	30	81(251)
72.2	13.2	69	69	27	27	87	41	49	15(40)	83	12	75	21
		75	7	81	29(108)	26	26	69	69	7	74	30	81(251)
78.7	11.0	69	69	26	26	87	40	49	13(40)	83	10	75	20
		75	6	81	28(108)	25	25	69	69	5	74	29	81(251)

85.3	9.0	68	68	25	25	87	39	49	13(40)	83	9	75	19
		75	4	81	27(108)	24	24	69	69	4	74	28	81(251)
91.9	7.5	68	68	24	24	88	38	49	11(41)	84	8	76	18
		74	3	81	27(109)	23	23	69	69	3	74	28	82(250)
98.4	6.0	68	68	24	24	87	37	49	11(41)	83	7	76	18
		74	2	81	27(109)	23	23	69	69	2	73	27	82(250)
105.0	4.6	68	68	24	24	87	37	48	10(41)	83	7	76	17
		74	2	81	26(109)	22	22	69	69	1	73	27	82(250)
111.5	3.5	68	68	23	23	88	37	48	9(41)	84	6	76	17
		74	0	82	26(109)	22	22	69	69	0	73	26	82(250)
118.1	2.4	67	67	23	23	87	36	48	9(41)	83	6	76	16
		74	0	81	25(109)	21	21	69	69	0	73	26	82(250)

HA=166.0 HI= 29.5 GGW= 48.7 SL= 0.0 MAX(A,B,C,D)= 8.1 6.9 7.6 7.6

Main boom and fixed jib (jib angle 0.0 degrees)

Length of main boom = 175.5 ft Length of jib = 29.5 ft

Main boom sequence = 0-45-100-100-100-100 % LK = 69

Counterweight = 48.7 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
	1(0)		2(...)		3(90)		6(...)						
	A	B	C	D	A	B	C	D					
45.9	25.8	68	68	34	34	83	46	51	24(39)	80	22	73	29
		73	18	78	36(109)	34	34	68	68	18	73	36	78(250)
52.5	22.3	69	69	31	31	86	43	52	20(41)	82	18	75	26
		73	13	80	34(111)	31	31	69	69	13	73	35	80(248)
59.1	18.5	69	69	30	30	85	43	50	18(39)	82	16	75	24
		72	11	80	33(112)	29	29	69	69	11	72	34	80(247)
65.6	15.4	68	68	28	28	85	42	49	17(39)	82	14	75	23
		75	10	79	30(107)	28	28	69	69	9	74	30	80(252)
72.2	12.8	68	68	28	28	86	41	49	15(40)	82	13	75	22
		74	8	80	29(108)	27	27	69	69	8	73	30	80(251)
78.7	10.6	68	68	27	27	86	40	49	14(40)	82	11	75	21
		74	7	80	28(108)	26	26	69	69	6	73	29	80(251)
85.3	8.8	68	68	26	26	86	39	49	13(40)	82	10	75	20
		74	5	80	28(108)	25	25	69	69	5	73	28	80(251)
91.9	7.1	67	67	25	25	86	39	48	12(40)	82	9	75	19
		74	4	80	27(108)	24	24	69	69	4	73	28	80(251)
98.4	5.7	67	67	24	24	87	38	49	11(41)	83	8	75	18
		73	3	81	27(109)	23	23	69	69	3	73	28	81(250)
105.0	4.4	67	67	24	24	86	37	48	11(41)	83	7	75	18
		73	2	81	26(109)	22	22	69	69	2	73	27	81(250)
111.5	3.3	67	67	23	23	87	37	48	10(41)	83	7	75	17
		73	1	81	26(109)	22	22	69	69	1	73	26	81(250)
118.1	2.4	68	68	23	23	88	36	48	9(41)	83	6	76	16
		74	0	82	25(109)	21	21	69	69	0	73	26	82(250)

HA=175.5 HI= 29.5 GGW= 48.7 SL= 0.0 MAX(A,B,C,D)= 8.1 6.9 7.6 7.6

Main boom and fixed jib (jib angle 0.0 degrees)

Length of main boom = 180.1 ft Length of jib = 29.5 ft

Main boom sequence = 0-90-90-90-90-90 % LK = 73

Counterweight = 48.7 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]								(Pos.[Degrees])				0-360 Degr.		
	1(0)				2(...)				3(90)						
	4(...)				5(180)				6(...)						
A	B	C	D	A	B	C	D	A	B	C	D				
45.9	25.4	69	69	33	33	84	46	51	23	(39)	81	21	74	28	
		73	17	78	35	(110)	33	33	69	69	17	73	36	78	(249)
52.5	20.7	68	68	31	31	84	44	51	21	(40)	81	19	74	26	
		72	14	79	34	(111)	31	31	68	68	14	71	35	79	(248)
59.1	17.2	68	68	30	30	84	44	49	19	(38)	81	16	74	24	
		72	11	79	33	(111)	29	29	68	68	11	71	34	79	(248)
65.6	14.1	67	67	29	29	84	42	49	17	(39)	81	14	74	23	
		71	9	79	32	(112)	28	28	68	68	9	71	33	80	(247)
72.2	11.7	67	67	28	28	85	41	49	15	(39)	81	13	74	22	
		74	8	79	29	(107)	27	27	68	68	8	73	29	79	(252)
78.7	9.5	67	67	27	27	85	40	49	14	(40)	81	11	74	21	
		73	7	79	28	(108)	26	26	68	68	7	73	29	79	(251)
85.3	7.5	67	67	26	26	85	39	48	14	(40)	81	11	74	20	
		73	6	79	28	(108)	25	25	68	68	6	72	28	79	(251)
91.9	6.0	67	67	25	25	85	39	48	13	(40)	81	9	74	19	
		73	5	79	27	(108)	24	24	68	68	4	73	28	80	(251)
98.4	4.6	67	67	24	24	86	38	48	12	(40)	82	8	75	18	
		73	3	80	26	(108)	23	23	68	68	3	73	27	80	(251)
105.0	3.3	67	67	24	24	86	37	48	11	(41)	82	8	74	18	
		73	2	80	27	(109)	23	23	68	68	2	72	27	80	(250)
111.5	2.2	67	67	24	24	86	37	48	10	(41)	82	7	75	17	
		73	2	80	26	(109)	22	22	68	68	2	72	27	80	(250)

HA=180.1 HI= 29.5 GGW= 48.7 SL= 0.0 MAX(A,B,C,D)= 8.0 6.8 7.5 7.5

Main boom and fixed jib (jib angle 0.0 degrees)

Length of main boom = 191.9 ft Length of jib = 29.5 ft

Main boom sequence = 0-100-100-100-100-100 % LK = 74

Counterweight = 48.7 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]								(Pos.[Degrees])				0-360 Degr.		
	1(0)				2(...)				3(90)						
	4(...)				5(180)				6(...)						
A	B	C	D	A	B	C	D	A	B	C	D				
52.5	20.1	67	67	32	32	83	44	51	21	(40)	80	19	73	27	
		72	15	78	34	(110)	32	32	68	68	15	71	35	78	(249)
59.1	16.3	67	67	30	30	83	43	50	19	(40)	80	17	73	25	
		71	13	78	34	(111)	30	30	67	67	13	70	34	78	(248)
65.6	13.4	67	67	29	29	83	43	48	18	(38)	80	15	73	24	
		71	11	78	32	(111)	28	28	67	67	10	70	33	78	(248)
72.2	11.0	67	67	28	28	83	41	48	17	(39)	80	14	73	22	
		73	9	78	29	(107)	27	27	67	67	9	72	30	78	(252)
78.7	8.8	66	66	27	27	83	41	48	15	(39)	80	13	73	22	
		73	8	78	29	(107)	26	26	67	67	8	72	29	78	(252)
85.3	7.1	66	66	26	26	83	40	48	14	(39)	80	11	73	21	
		73	7	78	28	(107)	25	25	67	67	7	72	28	78	(252)
91.9	5.5	66	66	26	26	84	39	48	13	(40)	80	10	73	20	
		72	5	78	28	(108)	24	24	67	67	5	72	28	79	(251)

98.4 4.2 66 66 25 25 84 38 48 12(40) 81 9 74 19
 73 4 79 27(108) 24 24 68 68 4 72 27 79(251)
 105.0 2.9 66 66 24 24 84 38 47 12(40) 81 8 73 19
 72 4 79 26(108) 23 23 67 67 4 72 27 79(251)

 HA=191.9 HI= 29.5 GGW= 48.7 SL= 0.0 MAX(A,B,C,D)= 7.8 6.7 7.3 7.4

Main boom and fixed jib (jib angle 0.0 degrees)
 Length of main boom = 193.9 ft Length of jib = 29.5 ft
 Main boom sequence = 45-90-90-90-90 % LK = 76
 Counterweight = 48.7 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.			
		1(0)				2(...)							
		4(...)				5(180)				6(...)			
		A	B	C	D	A	B	C	D	A	B	C	D
45.9	22.7	67	67	34	34	81	46	50	24(38)	78	22	72	29
		71	18	76	35(109)	34	34	67	67	18	71	36	76(250)
52.5	18.5	67	67	32	32	82	44	50	21(39)	79	19	72	27
		71	15	77	34(110)	31	31	67	67	15	71	35	77(249)
59.1	15.0	66	66	30	30	82	43	49	20(38)	79	17	72	25
		71	13	77	33(110)	30	30	67	67	13	70	33	77(249)
65.6	12.1	66	66	29	29	82	43	48	18(38)	79	15	72	24
		70	11	78	32(111)	28	28	67	67	10	70	33	78(248)
72.2	9.7	66	66	28	28	82	41	48	17(39)	79	14	73	22
		72	9	77	29(107)	27	27	67	67	9	72	30	77(252)
78.7	7.5	66	66	27	27	82	40	48	16(39)	79	13	73	22
		72	8	77	28(107)	26	26	67	67	8	71	29	77(252)
85.3	5.7	66	66	26	26	83	40	47	15(39)	80	11	73	21
		72	7	77	28(107)	25	25	67	67	7	72	28	78(252)
91.9	4.2	66	66	26	26	83	38	47	13(40)	80	10	73	20
		72	6	78	28(108)	24	24	67	67	5	71	28	78(251)
98.4	2.9	66	66	25	25	84	38	47	13(40)	80	9	73	19
		72	4	78	27(108)	24	24	67	67	4	71	27	78(251)

 HA=193.9 HI= 29.5 GGW= 48.7 SL= 0.0 MAX(A,B,C,D)= 7.8 6.7 7.3 7.3

Main boom and fixed jib (jib angle 0.0 degrees)
 Length of main boom = 205.7 ft Length of jib = 29.5 ft
 Main boom sequence = 45-100-100-100-100-100 % LK = 77
 Counterweight = 48.7 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.			
		1(0)				2(...)							
		4(...)				5(180)				6(...)			
		A	B	C	D	A	B	C	D	A	B	C	D
52.5	17.6	66	66	32	32	80	45	49	22(38)	77	20	71	28
		70	16	75	34(109)	32	32	66	66	16	70	35	75(250)
59.1	14.3	66	66	31	31	80	43	49	20(39)	78	18	71	26
		70	14	76	33(110)	30	30	66	66	14	69	34	76(249)
65.6	11.5	65	65	30	30	80	43	47	19(37)	78	16	71	24
		70	12	76	32(110)	29	29	66	66	12	69	33	77(249)
72.2	9.0	65	65	29	29	81	42	47	18(38)	78	15	71	23
		69	10	77	32(111)	28	28	66	66	10	69	32	77(248)

78.7 7.1 65 65 28 28 81 41 47 17(38) 78 13 72 22
 72 9 76 28(106) 26 26 66 66 9 71 29 76(253)
 85.3 5.3 65 65 27 27 81 40 47 15(39) 78 12 72 21
 71 8 77 28(107) 26 26 66 66 8 71 29 77(252)
 91.9 4.0 65 65 26 26 82 39 47 14(39) 79 11 72 20
 72 6 77 27(107) 24 24 67 67 6 71 28 77(252)
 98.4 2.6 65 65 25 25 83 38 47 13(40) 79 9 73 19
 71 5 78 27(108) 24 24 67 67 5 71 28 78(251)

 HA=205.7 HI= 29.5 GGW= 48.7 SL= 0.0 MAX(A,B,C,D)= 7.7 6.6 7.2 7.3

Main boom and fixed jib (jib angle 0.0 degrees)
 Length of main boom = 208.0 ft Length of jib = 29.5 ft
 Main boom sequence = 90-90-90-90-90-90 % LK = 78
 Counterweight = 48.7 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]								(Pos.[Degrees])				0-360 Degr.
		1(0)		2(...)		3(90)		4(...)		5(180)		6(...)		
		A	B	C	D	A	B	C	D	A	B	C	D	
52.5	16.3	65	65	32	32	79	44	49	22(38)	77	20	70	28	
		70	16	75	34(109)	32	32	66	66	16	69	35	75(250)	
59.1	13.0	65	65	31	31	80	43	49	21(39)	77	18	71	26	
		69	14	75	33(110)	30	30	66	66	14	69	34	75(249)	
65.6	10.1	65	65	30	30	79	43	47	19(37)	77	16	71	24	
		69	12	76	32(110)	28	28	66	66	12	69	32	76(249)	
72.2	7.7	65	65	28	28	80	41	47	18(38)	77	15	71	23	
		68	10	76	32(111)	27	27	66	66	10	68	32	76(248)	
78.7	5.7	64	64	28	28	80	41	47	17(38)	77	13	71	22	
		71	9	75	28(106)	26	26	66	66	9	70	29	75(253)	
85.3	4.2	65	65	27	27	81	39	47	15(39)	78	12	72	21	
		71	7	76	28(107)	25	25	66	66	7	70	28	77(252)	
91.9	2.6	65	65	26	26	81	39	47	14(39)	78	11	72	20	
		71	6	76	27(107)	24	24	66	66	6	70	28	77(252)	

 HA=208.0 HI= 29.5 GGW= 48.7 SL= 0.0 MAX(A,B,C,D)= 7.6 6.5 7.1 7.1

Main boom and fixed jib (jib angle 0.0 degrees)
 Length of main boom = 222.4 ft Length of jib = 29.5 ft
 Main boom sequence = 100-100-100-100-100-100 % LK = 79
 Counterweight = 48.7 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]								(Pos.[Degrees])				0-360 Degr.
		1(0)		2(...)		3(90)		4(...)		5(180)		6(...)		
		A	B	C	D	A	B	C	D	A	B	C	D	
59.1	12.1	64	64	31	31	78	43	48	21(38)	76	19	70	26	
		69	15	74	33(109)	30	30	65	65	15	68	34	74(250)	
65.6	9.3	64	64	30	30	78	41	48	20(39)	75	17	70	25	
		68	13	74	32(109)	29	29	65	65	13	68	32	74(250)	
72.2	7.1	64	64	29	29	78	42	47	19(37)	76	16	70	24	
		68	11	75	32(110)	28	28	65	65	11	67	32	75(249)	
78.7	5.1	64	64	28	28	79	41	47	18(38)	76	14	70	23	
		68	10	75	31(110)	27	27	65	65	10	67	31	75(249)	

85.3 3.5 64 64 27 27 79 40 46 16(38) 77 13 71 22
 70 9 75 28(106) 26 26 65 65 9 70 28 75(253)

HA=222.4 HI= 29.5 GGW= 48.7 SL= 0.0 MAX(A,B,C,D)= 7.4 6.5 7.0 7.0

Programm L A M O S 9 9 Version 1.08 vom 29.09.02

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Eingabedatei: ilam.dat

Festdatei : /berechnung/tabellen/zentraledaten/lamosfd-ac/200-1.99dat

Tabellendat.: /berechnung/tabellen/ac/ac200-1/serie_3/pc_tab/22137012_tab.txt

H

DEMAG Mobile Cranes

O U T R I G G E R - L O A D I N G S

(Variance = +-10%)

PSI= 1.00

Crane : *** AC 200-1 *** mit HKHI fuer GA und MS

 Outrigger width = 18.7 ft Outrigger length = 27.7 ft
 Outrigger "A" X = 12.0 ft Outrigger "A" Y = 9.4 ft
 Outrigger "B" X = 12.0 ft Outrigger "B" Y = -9.4 ft
 Outrigger "C" X = -15.7 ft Outrigger "C" Y = 9.4 ft
 Outrigger "D" X = -15.7 ft Outrigger "D" Y = -9.4 ft

Main boom and fixed jib (jib angle 20.0 degrees)

Length of main boom = 40.7 ft Length of jib = 29.5 ft

Main boom sequence = 0-0-0-0-0-0 % LK = 1

Counterweight = 48.7 kip

Radius Cap. [ft]	Cap. [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.			
		1(0)		2(...)		3(90)		6(...)					
		A	B	C	D	A	B		C		D		
16.4	34.2	47	47	59	59	42	59	49	62(59)	43	63	45	60
		49	65	43	55(128)	59	59	47	47	65	49	55	43(232)
19.7	31.5	49	49	56	56	45	56	50	58(59)	46	59	47	57
		50	60	46	54(128)	56	56	48	48	60	50	54	46(232)
23.0	29.3	50	50	54	54	48	54	50	55(59)	49	55	49	54
		50	56	49	52(128)	54	54	50	50	56	50	52	49(232)
26.2	27.6	51	51	51	51	51	52	51	51(59)	51	52	51	51
		51	52	51	51(127)	52	52	51	51	52	51	51	51(232)
29.5	25.8	52	52	49	49	54	49	52	48(59)	54	48	53	49
		52	48	54	50(128)	49	49	52	52	48	52	50	54(232)
32.8	24.3	54	54	47	47	57	48	52	45(59)	56	45	55	47
		53	44	56	49(128)	47	47	54	54	44	53	49	56(232)
39.4	21.8	56	56	44	44	62	44	54	40(59)	61	39	58	42
		61	39	58	42(90)	43	43	56	56	39	61	42	58(270)
45.9	19.8	59	59	40	40	64	52	45	36(21)	65	33	62	37
		65	33	62	38(93)	40	40	59	59	33	65	38	62(266)
52.5	18.3	62	62	37	37	71	49	47	30(31)	70	28	65	33
		67	25	68	36(102)	36	36	62	62	25	67	36	68(257)

HA= 40.7 HI= 29.5 GGW= 48.7 SL= 0.0 MAX(A,B,C,D)= 6.6 6.2 6.3 6.3

 Main boom and fixed jib (jib angle 20.0 degrees)
 Length of main boom = 54.5 ft Length of jib = 29.5 ft
 Main boom sequence = 0-0-0-0-0-45 % LK = 7
 Counterweight = 48.7 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]								(Pos.[Degrees])				0-360 Degr.					
		1(0)				2(...)				3(90)									
		4(...)				5(180)				6(...)									
A	B	C	D	A	B	C	D	A	B	C	D								
19.7	33.1	49	49	56	56	46	56	50	58	(59)	47	59	48	57					
		50	60	47	54	(128)	57	57	49	49	60	50	54	47	(232)				
23.0	31.1	51	51	54	54	49	54	51	55	(59)	50	55	50	54					
		51	56	49	53	(128)	54	54	50	50	56	51	53	49	(232)				
26.2	29.1	52	52	52	52	52	52	52	51	(59)	52	52	52	51					
		52	52	52	52	(127)	52	52	52	52	52	52	52	52	(232)				
29.5	27.8	54	54	49	49	56	50	52	48	(59)	55	48	54	49					
		53	48	55	50	(128)	49	49	53	53	48	53	50	55	(232)				
32.8	26.2	55	55	47	47	58	48	53	45	(59)	57	45	56	46					
		54	44	57	50	(128)	47	47	55	55	44	54	50	57	(232)				
39.4	23.8	57	57	44	44	57	57	44	44	(0)	62	39	59	42					
		62	39	59	42	(90)	43	43	57	57	39	62	42	59	(270)				
45.9	21.8	60	60	40	40	65	52	46	36	(23)	67	33	63	37					
		66	32	63	38	(95)	40	40	60	60	32	65	38	64	(264)				
52.5	20.3	62	62	37	37	72	49	47	30	(32)	71	28	66	33					
		68	25	69	36	(103)	36	36	63	63	25	67	37	69	(256)				
59.1	18.7	65	65	34	34	77	46	49	25	(37)	75	22	69	29					
		70	19	73	35	(107)	33	33	65	65	19	69	35	73	(252)				
65.6	17.9	68	68	30	30	83	44	49	19	(38)	80	17	73	25					
		72	12	78	33	(111)	30	30	68	68	12	71	34	79	(248)				

 HA= 54.5 HI= 29.5 GGW= 48.7 SL= 0.0 MAX(A,B,C,D)= 7.7 6.6 7.3 7.3

Main boom and fixed jib (jib angle 20.0 degrees)
 Length of main boom = 68.6 ft Length of jib = 29.5 ft
 Main boom sequence = 0-0-0-0-0-90 % LK = 13
 Counterweight = 48.7 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]								(Pos.[Degrees])				0-360 Degr.					
		1(0)				2(...)				3(90)									
		4(...)				5(180)				6(...)									
A	B	C	D	A	B	C	D	A	B	C	D								
23.0	31.7	51	51	54	54	49	54	51	55	(59)	50	56	50	54					
		51	56	49	53	(128)	54	54	50	50	56	51	53	49	(232)				
26.2	30.2	52	52	52	52	53	52	52	51	(59)	53	52	52	52					
		52	52	52	52	(127)	52	52	52	52	52	52	52	52	(232)				
29.5	28.7	54	54	49	49	56	50	53	48	(59)	55	48	54	49					
		53	48	55	51	(128)	50	50	54	54	48	53	51	55	(232)				
32.8	27.6	56	56	47	47	59	48	54	45	(59)	58	45	56	46					
		54	44	58	50	(128)	47	47	55	55	44	54	50	58	(232)				
39.4	25.4	58	58	43	43	60	57	45	43	(6)	63	38	60	41					
		63	38	60	41	(90)	43	43	58	58	38	63	41	60	(270)				
45.9	23.1	61	61	40	40	67	53	46	35	(24)	67	33	63	37					
		66	32	65	38	(96)	40	40	61	61	32	66	39	65	(263)				

52.5	21.2	63	63	37	37	72	49	48	30(32)	71	28	66	33
		68	26	69	37(103)	37	37	63	63	26	68	37	69(256)
59.1	19.2	64	64	34	34	76	46	49	26(36)	74	24	69	30
		69	21	72	35(107)	34	34	65	65	20	69	36	73(252)
65.6	17.6	66	66	32	32	80	44	50	22(39)	78	20	71	27
		71	15	76	34(109)	31	31	66	66	15	70	34	76(250)
72.2	16.3	68	68	29	29	84	43	49	18(39)	81	15	74	24
		72	11	79	32(111)	29	29	68	68	11	71	33	79(248)
78.7	14.6	69	69	28	28	86	41	50	15(40)	83	13	75	22
		75	8	80	30(108)	27	27	69	69	8	74	30	80(251)
85.3	12.3	68	68	27	27	86	40	49	14(40)	83	11	75	21
		75	7	80	29(108)	26	26	69	69	7	74	29	80(251)

HA= 68.6 HI= 29.5 GGW= 48.7 SL= 0.0 MAX(A,B,C,D)= 8.0 6.9 7.5 7.5

Main boom and fixed jib (jib angle 20.0 degrees)

Length of main boom = 70.2 ft Length of jib = 29.5 ft

Main boom sequence = 0-0-0-0-100 % LK = 14

Counterweight = 48.7 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.			
		1(0)		2(...)		3(90)		6(...)					
		4(...)		5(180)		6(...)							
		A	B	C	D	A	B	C	D				
23.0	32.0	51	51	54	54	50	54	51	55(59)	50	56	50	54
		52	56	50	53(128)	54	54	51	51	56	52	53	50(232)
26.2	30.0	52	52	52	52	52	52	52	52(59)	52	52	52	52
		52	52	52	52(127)	52	52	52	52	52	52	52	52(232)
29.5	28.0	53	53	50	50	55	50	52	49(59)	54	49	54	49
		53	48	54	51(128)	50	50	53	53	48	53	51	54(232)
32.8	26.2	54	54	48	48	57	48	53	46(59)	56	46	55	47
		53	45	56	50(128)	48	48	54	54	45	53	50	56(232)
39.4	23.4	56	56	45	45	62	45	54	41(59)	60	40	58	43
		60	40	58	43(90)	44	44	56	56	40	60	43	58(270)
45.9	20.7	58	58	42	42	61	54	44	39(13)	63	36	60	39
		63	36	60	39(90)	41	41	58	58	36	63	39	60(270)
52.5	18.7	60	60	39	39	66	51	46	34(25)	67	31	63	36
		65	30	64	37(97)	38	38	60	60	30	65	37	64(262)
59.1	17.0	61	61	36	36	70	48	47	30(31)	70	27	65	33
		67	25	67	36(102)	36	36	62	62	25	66	36	67(257)
65.6	15.7	63	63	34	34	75	46	47	26(35)	73	23	68	30
		68	20	71	35(106)	33	33	63	63	20	67	35	71(253)
72.2	14.3	64	64	32	32	78	44	49	22(38)	76	20	70	27
		69	16	74	34(109)	31	31	65	65	15	68	34	74(250)
78.7	13.2	66	66	29	29	82	43	48	19(38)	79	16	72	24
		70	11	77	32(111)	29	29	67	67	11	69	33	77(248)
85.3	12.6	68	68	27	27	86	41	49	14(40)	83	11	75	21
		75	7	80	29(108)	26	26	69	69	6	74	29	81(251)

HA= 70.2 HI= 29.5 GGW= 48.7 SL= 0.0 MAX(A,B,C,D)= 8.0 6.9 7.5 7.5

Main boom and fixed jib (jib angle 20.0 degrees)

Length of main boom = 82.3 ft Length of jib = 29.5 ft

Main boom sequence = 0-0-0-0-45-90 % LK = 20

Counterweight = 48.7 kip

Radius Cap. [ft]	Cap. [kip]	Outrigger Loadin[kip]								(Pos.[Degrees])				0-360 Degr.
		1(0)				2(...)				3(90)				
		4(...)				5(180)				6(...)				
A	B	C	D	A	B	C	D	A	B	C	D			
26.2	31.1	53	53	51	51	54	52	52	51	(59)	54	51	53	51
		53	51	53	52(127)	52	52	53	53		51	53	52	53(232)
29.5	29.8	55	55	49	49	57	50	53	48	(59)	57	48	55	48
		54	47	56	51(128)	49	49	54	54		47	54	51	56(232)
32.8	28.4	56	56	47	47	60	48	54	44	(59)	59	44	57	46
		55	43	59	50(128)	47	47	56	56		43	55	50	59(232)
39.4	26.2	59	59	43	43	62	56	45	41	(11)	64	38	61	41
		64	38	61	41(90)	43	43	59	59		38	64	41	61(270)
45.9	24.5	62	62	39	39	69	52	47	34	(27)	70	32	65	36
		67	30	67	38(99)	39	39	62	62		30	67	38	67(260)
52.5	22.7	64	64	36	36	75	49	49	28	(34)	74	26	68	32
		69	23	71	36(105)	36	36	64	64		23	69	37	72(254)
59.1	20.9	66	66	33	33	80	45	50	23	(38)	78	21	71	28
		71	18	76	35(109)	33	33	67	67		17	70	35	76(250)
65.6	19.2	68	68	31	31	84	43	51	19	(41)	81	17	74	25
		72	13	79	34(111)	30	30	68	68		13	71	34	79(248)
72.2	17.4	69	69	28	28	86	43	50	17	(39)	83	14	75	23
		76	9	80	30(107)	28	28	70	70		9	75	30	80(252)
78.7	14.8	69	69	28	28	86	41	50	16	(40)	82	13	75	22
		75	8	80	30(108)	27	27	69	69		8	74	30	80(251)
85.3	12.6	68	68	27	27	86	41	49	15	(40)	82	12	75	21
		74	7	80	29(108)	26	26	69	69		7	73	30	80(251)
91.9	10.8	68	68	26	26	86	40	49	14	(40)	82	11	75	21
		74	6	80	28(108)	26	26	69	69		6	73	29	80(251)
98.4	9.3	68	68	26	26	86	39	49	13	(40)	83	10	75	19
		74	5	80	28(108)	24	24	69	69		5	74	28	81(251)

HA= 82.3 HI= 29.5 GGW= 48.7 SL= 0.0 MAX(A,B,C,D)= 8.0 7.0 7.5 7.5

Main boom and fixed jib (jib angle 20.0 degrees)

Length of main boom = 84.0 ft Length of jib = 29.5 ft

Main boom sequence = 0-0-0-0-45-100 % LK = 21

Counterweight = 48.7 kip

Radius Cap. [ft]	Cap. [kip]	Outrigger Loadin[kip]								(Pos.[Degrees])				0-360 Degr.
		1(0)				2(...)				3(90)				
		4(...)				5(180)				6(...)				
A	B	C	D	A	B	C	D	A	B	C	D			
26.2	30.9	53	53	51	51	54	52	52	51	(59)	53	52	53	51
		53	51	53	52(127)	52	52	52	52		51	53	52	53(232)
29.5	29.1	54	54	49	49	56	50	53	48	(59)	56	48	54	49
		54	48	55	51(128)	50	50	54	54		48	54	51	55(232)
32.8	27.6	55	55	47	47	59	48	54	45	(59)	58	45	56	46
		54	44	58	50(128)	48	48	55	55		44	54	50	58(232)
39.4	24.5	57	57	44	44	63	45	54	40	(59)	62	39	59	42
		62	39	59	42(90)	44	44	57	57		39	62	42	59(270)
45.9	22.0	59	59	41	41	64	54	45	37	(19)	65	34	62	38
		65	34	62	39(92)	41	41	59	59		34	65	39	62(267)

52.5	20.1	61	61	38	38	69	50	46	32(28)	69	30	65	35
		67	28	66	37(100)	38	38	61	61	28	66	37	67(259)
59.1	18.5	63	63	35	35	74	47	48	28(34)	73	25	67	31
		68	22	70	35(105)	35	35	63	63	22	68	36	71(254)
65.6	17.0	65	65	33	33	78	45	49	24(37)	76	21	70	28
		69	18	74	34(108)	32	32	65	65	18	69	35	74(251)
72.2	15.7	66	66	31	31	82	42	50	20(40)	78	18	72	25
		71	13	77	33(110)	30	30	67	67	13	70	34	77(249)
78.7	14.6	68	68	28	28	85	42	49	17(39)	82	14	74	23
		74	9	79	30(107)	28	28	69	69	9	74	30	79(252)
85.3	12.8	68	68	27	27	86	41	49	15(40)	82	12	75	21
		74	7	80	29(108)	26	26	69	69	7	74	30	80(251)
91.9	11.0	68	68	26	26	86	40	49	14(40)	83	11	75	20
		74	6	80	28(108)	25	25	69	69	6	74	29	80(251)
98.4	9.5	68	68	26	26	87	39	49	13(40)	83	9	75	19
		75	5	81	28(108)	24	24	69	69	4	74	28	81(251)

 HA= 84.0 HI= 29.5 GGW= 48.7 SL= 0.0 MAX(A,B,C,D)= 8.0 6.9 7.5 7.5

Main boom and fixed jib (jib angle 20.0 degrees)

Length of main boom = 96.5 ft Length of jib = 29.5 ft

Main boom sequence = 0-0-0-0-90-90 % LK = 28

Counterweight = 48.7 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
	1(0)		2(...)		3(90)		6(...)						
	A	B C D	A B C D	A B C D	A B C D	A B C D							
29.5	30.0	55	55	49	49	58	50	53	47(59)	57	48	55	48
		54	47	56	51(128)	49	49	55	55	47	54	51	56(232)
32.8	28.9	57	57	47	47	61	48	54	44(59)	60	44	58	46
		55	43	59	50(128)	47	47	56	56	43	55	50	59(232)
39.4	26.9	60	60	43	43	63	56	46	40(14)	65	37	62	40
		65	37	62	40(90)	43	43	60	60	37	65	40	62(270)
45.9	25.1	63	63	39	39	71	52	48	33(29)	71	31	66	36
		68	29	68	38(100)	39	39	63	63	29	68	38	68(259)
52.5	23.4	65	65	36	36	77	48	49	28(35)	75	26	69	32
		70	22	73	36(106)	35	35	65	65	22	70	37	73(253)
59.1	21.6	67	67	33	33	82	45	50	22(39)	79	21	72	28
		72	17	77	35(109)	32	32	67	67	17	71	35	77(250)
65.6	20.1	69	69	30	30	86	44	50	18(39)	82	16	75	24
		73	11	80	34(112)	30	30	69	69	11	72	34	81(247)
72.2	17.4	69	69	29	29	86	43	50	17(39)	83	14	75	23
		75	10	80	30(107)	28	28	69	69	10	75	31	80(252)
78.7	15.0	69	69	28	28	86	41	50	16(40)	83	13	75	22
		75	8	80	30(108)	27	27	69	69	8	74	30	80(251)
85.3	12.8	68	68	27	27	86	41	49	15(40)	82	12	75	21
		74	7	80	29(108)	26	26	69	69	7	74	30	80(251)
91.9	11.0	68	68	26	26	86	40	49	14(40)	82	11	75	21
		74	6	80	28(108)	26	26	69	69	6	73	29	80(251)
98.4	9.5	68	68	26	26	86	39	49	13(40)	82	10	75	20
		74	5	80	28(108)	25	25	69	69	5	73	28	80(251)
105.0	8.2	68	68	25	25	87	38	49	12(41)	83	9	75	19
		74	4	81	28(109)	24	24	69	69	4	73	28	81(250)

111.5 7.1 68 68 24 24 88 38 49 11(41) 84 8 76 18
 74 2 82 27(109) 23 23 69 69 2 74 27 82(250)

HA= 96.5 HI= 29.5 GGW= 48.7 SL= 0.0 MAX(A,B,C,D)= 8.1 7.0 7.6 7.6

Main boom and fixed jib (jib angle 20.0 degrees)
 Length of main boom = 100.4 ft Length of jib = 29.5 ft
 Main boom sequence = 0-0-0-0-100-100 % LK = 29
 Counterweight = 48.7 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.			
	1(0)				2(...)							
	4(...)				5(180)				6(...)			
	A	B	C	D	A	B	C	D	A	B	C	D
29.5 29.3	54	54	49	49	57	50	53	48(59)	56	48	55	49
	54	47	56	51(128)	50	50	54	54	47	54	51	56(232)
32.8 27.8	56	56	47	47	59	48	54	45(59)	58	45	56	46
	54	44	58	50(128)	48	48	55	55	44	54	50	58(232)
39.4 25.1	58	58	44	44	58	58	44	43(2)	63	39	60	42
	63	39	60	42(90)	44	44	58	58	39	63	42	60(270)
45.9 22.9	60	60	40	40	65	53	46	36(22)	67	34	63	38
	66	33	63	38(94)	40	40	60	60	33	66	39	64(265)
52.5 21.2	62	62	37	37	71	50	47	31(31)	71	28	66	34
	68	26	68	37(102)	37	37	63	63	26	67	37	68(257)
59.1 19.2	64	64	35	35	75	47	48	27(35)	74	24	68	31
	69	21	72	35(106)	34	34	64	64	21	68	36	72(253)
65.6 17.6	65	65	32	32	79	45	49	23(38)	77	21	71	28
	70	17	75	34(109)	32	32	66	66	17	69	35	75(250)
72.2 16.1	67	67	30	30	82	44	49	20(38)	79	17	73	25
	71	13	78	33(111)	30	30	67	67	12	70	34	78(248)
78.7 14.6	68	68	28	28	84	42	49	17(39)	81	14	74	23
	74	10	79	30(107)	28	28	68	68	10	73	30	79(252)
85.3 12.8	68	68	27	27	86	41	49	15(40)	82	13	75	22
	74	8	80	29(108)	27	27	69	69	8	73	30	80(251)
91.9 11.0	68	68	27	27	86	40	49	14(40)	82	11	75	21
	74	7	80	29(108)	26	26	69	69	7	73	29	80(251)
98.4 9.5	68	68	26	26	86	40	49	13(40)	82	11	75	20
	74	6	80	28(108)	25	25	69	69	6	73	28	80(251)
105.0 8.2	68	68	25	25	86	39	48	13(40)	82	9	75	19
	74	5	80	27(108)	24	24	69	69	4	73	28	80(251)
111.5 7.1	68	68	25	25	87	38	49	11(41)	83	8	75	18
	74	3	81	27(109)	23	23	69	69	3	73	28	81(250)

HA=100.4 HI= 29.5 GGW= 48.7 SL= 0.0 MAX(A,B,C,D)= 8.1 6.8 7.5 7.5

Main boom and fixed jib (jib angle 20.0 degrees)
 Length of main boom = 110.2 ft Length of jib = 29.5 ft
 Main boom sequence = 0-0-0-45-90-90 % LK = 36
 Counterweight = 48.7 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.			
	1(0)				2(...)							
	4(...)				5(180)				6(...)			
	A	B	C	D	A	B	C	D	A	B	C	D

32.8	29.3	57	57	47	47	62	47	55	43(59)	61	43	58	45
		56	42	60	50(128)	47	47	57	57	42	56	50	60(232)
39.4	27.6	61	61	42	42	65	55	47	39(19)	67	36	63	40
		67	36	63	40(91)	42	42	60	60	36	67	40	63(268)
45.9	25.8	64	64	38	38	73	51	49	32(31)	72	30	67	35
		69	28	69	38(102)	38	38	63	63	28	69	38	69(257)
52.5	24.3	67	67	35	35	79	47	50	26(37)	77	24	71	30
		71	20	75	36(108)	35	35	67	67	20	71	36	75(251)
59.1	22.7	69	69	31	31	85	43	52	20(41)	82	18	75	26
		73	14	80	34(111)	31	31	69	69	14	73	35	80(248)
65.6	20.3	70	70	29	29	87	44	50	17(39)	84	15	76	24
		74	10	82	33(112)	29	29	70	70	10	73	34	82(247)
72.2	17.2	69	69	28	28	86	43	50	17(39)	83	14	75	23
		76	9	80	30(107)	28	28	70	70	9	75	30	80(252)
78.7	14.6	68	68	28	28	86	41	50	16(40)	82	13	75	22
		74	8	80	30(108)	27	27	69	69	8	74	30	80(251)
85.3	12.6	68	68	27	27	86	41	49	15(40)	83	12	75	21
		74	7	80	29(108)	26	26	69	69	7	74	29	80(251)
91.9	10.8	68	68	26	26	86	40	49	14(40)	83	11	75	20
		74	6	80	28(108)	25	25	69	69	6	74	29	80(251)
98.4	9.3	68	68	26	26	86	39	49	13(40)	83	10	75	20
		74	5	80	28(108)	25	25	69	69	5	74	28	81(251)
105.0	7.9	68	68	25	25	87	38	49	12(41)	83	9	75	19
		74	4	81	28(109)	24	24	69	69	4	73	28	81(250)
111.5	6.8	68	68	24	24	88	38	49	11(41)	84	8	76	18
		74	2	82	27(109)	23	23	69	69	2	73	27	82(250)
118.1	5.7	68	68	24	24	88	37	49	10(41)	84	7	76	17
		74	1	82	26(109)	22	22	69	69	1	74	27	82(250)
124.7	4.9	69	69	23	23	89	36	49	9(42)	84	6	77	16
		74	0	83	26(110)	21	21	70	70	0	73	26	83(249)

HA=110.2 HI= 29.5 GGW= 48.7 SL= 0.0 MAX(A,B,C,D)= 8.3 7.0 7.7 7.7

Main boom and fixed jib (jib angle 20.0 degrees)

Length of main boom = 114.5 ft Length of jib = 29.5 ft
Main boom sequence = 0-0-0-45-100-100 % LK = 37
Counterweight = 48.7 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
	1(0)		2(...)		3(90)		6(...)						
	A	B	C	D	A	B	C	D					
32.8	28.0	56	56	47	47	60	48	54	44(59)	59	44	57	46
		55	43	58	50(128)	47	47	56	56	43	55	50	58(232)
39.4	25.6	59	59	43	43	60	57	45	42(8)	64	38	61	41
		64	38	61	41(90)	43	43	58	58	38	64	41	61(270)
45.9	23.6	61	61	40	40	68	52	47	35(26)	68	32	64	37
		67	31	65	38(97)	40	40	61	61	31	67	38	65(262)
52.5	21.8	63	63	37	37	74	49	48	29(33)	73	27	67	33
		69	24	70	36(104)	36	36	64	64	24	68	37	70(255)
59.1	20.1	65	65	34	34	78	46	49	24(37)	76	22	70	29
		70	19	74	35(108)	33	33	66	66	19	70	35	74(251)
65.6	18.5	67	67	31	31	83	43	50	20(40)	80	18	73	26
		72	14	78	34(110)	31	31	68	68	14	71	34	78(249)

72.2	17.2	69	69	29	29	86	43	50	17(39)	83	14	75	23
	75	10	80	30(107)		28	28	69	69	9	75	30	80(252)
78.7	14.8	69	69	28	28	86	41	50	15(40)	83	13	75	22
	75	8	80	30(108)		27	27	69	69	8	74	30	80(251)
85.3	12.6	68	68	27	27	86	41	49	15(40)	82	12	75	21
	74	7	80	29(108)		26	26	69	69	7	74	30	80(251)
91.9	10.8	68	68	26	26	86	40	49	14(40)	82	11	75	21
	74	6	80	28(108)		26	26	69	69	6	73	29	80(251)
98.4	9.3	68	68	26	26	86	39	49	13(40)	82	10	75	20
	74	5	80	28(108)		25	25	69	69	5	73	28	80(251)
105.0	7.9	68	68	25	25	86	39	48	12(40)	83	9	75	19
	74	4	80	27(108)		24	24	69	69	4	73	28	81(251)
111.5	6.8	68	68	24	24	87	38	49	11(41)	83	8	75	18
	74	3	81	27(109)		23	23	69	69	3	73	28	81(250)
118.1	6.0	68	68	24	24	88	37	49	10(41)	84	7	76	17
	75	1	82	26(109)		22	22	70	70	1	74	27	82(250)
124.7	4.9	68	68	23	23	88	37	48	9(41)	84	6	76	17
	74	1	82	26(109)		22	22	69	69	0	74	26	82(250)

HA=114.5 HI= 29.5 GGW= 48.7 SL= 0.0 MAX(A,B,C,D)= 8.2 7.0 7.6 7.6

Main boom and fixed jib (jib angle 20.0 degrees)

Length of main boom = 124.3 ft Length of jib = 29.5 ft

Main boom sequence = 0-0-0-90-90-90 % LK = 45

Counterweight = 48.7 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
	1(0)		2(...)		3(90)		6(...)						
	A	B	C	D	A	B	C	D	A	B	C	D	
39.4	27.6	61	61	42	42	66	55	47	38(20)	67	36	63	39
		67	35	64	40(92)	42	42	61	61	35	67	40	64(267)
45.9	26.0	64	64	38	38	74	50	49	31(32)	73	29	68	34
		70	27	70	38(103)	38	38	64	64	27	69	38	70(256)
52.5	24.7	67	67	34	34	81	47	51	24(38)	79	23	72	29
		72	19	76	36(109)	34	34	67	67	19	71	36	77(250)
59.1	23.1	70	70	31	31	86	45	51	19(39)	83	17	76	25
		74	12	81	34(112)	30	30	70	70	12	73	35	81(247)
65.6	20.1	70	70	29	29	87	43	51	17(40)	84	15	76	23
		74	9	82	33(112)	29	29	70	70	9	73	34	82(247)
72.2	16.8	69	69	28	28	86	43	50	17(39)	83	14	75	23
		75	10	80	30(107)	28	28	69	69	9	75	30	80(252)
78.7	14.3	69	69	28	28	86	41	50	15(40)	83	13	75	22
		75	8	80	30(108)	27	27	69	69	8	74	30	80(251)
85.3	12.3	68	68	27	27	86	41	49	14(40)	83	11	75	21
		75	7	80	29(108)	26	26	69	69	7	74	29	80(251)
91.9	10.6	68	68	26	26	86	40	49	13(40)	83	11	75	20
		75	6	80	28(108)	25	25	69	69	6	74	29	81(251)
98.4	9.0	68	68	26	26	87	39	49	13(40)	83	9	75	19
		74	5	81	28(108)	24	24	69	69	4	74	28	81(251)
105.0	7.7	68	68	25	25	87	38	49	12(41)	83	9	75	19
		74	3	81	27(109)	24	24	69	69	3	73	28	81(250)
111.5	6.6	68	68	24	24	88	38	49	11(41)	84	7	76	18
		74	2	82	27(109)	23	23	69	69	2	74	27	82(250)

118.1	5.5	68	68	24	24	88	37	49	10(41)	84	7	76	17
	74	1	82	26(109)	22	22	69	69		1	74	27	82(250)
124.7	4.4	68	68	23	23	88	37	48	10(41)	84	6	76	17
	74	1	82	26(109)	22	22	69	69		1	73	26	82(250)
131.2	3.5	68	68	23	23	88	37	48	9(41)	84	6	76	16
	74	0	82	26(109)	21	21	69	69		0	73	26	82(250)
137.8	2.6	68	68	22	22	88	36	48	9(41)	84	5	76	16
	73	0	82	25(109)	21	21	69	69		0	73	25	83(250)

 HA=124.3 HI= 29.5 GGW= 48.7 SL= 0.0 MAX(A,B,C,D)= 8.2 6.9 7.6 7.7

Main boom and fixed jib (jib angle 20.0 degrees)

Length of main boom = 130.9 ft Length of jib = 29.5 ft
 Main boom sequence = 0-0-0-100-100-100 % LK = 46
 Counterweight = 48.7 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.
	1(0)		2(...)		3(90)		6(...)		
	A	B C D	A B C D	A B C D	A B C D	A B C D			
39.4	25.6	59 59 43 43	61 56 45 41(11)	64 38 61 41					
		64 38 61 41(90)	43 43 59 59	38 64 41 61(270)					
45.9	23.6	62 62 39 39	69 52 47 34(27)	69 32 65 36					
		67 30 66 38(98)	39 39 62 62	30 67 38 66(261)					
52.5	22.0	64 64 36 36	75 48 49 28(34)	74 26 68 32					
		69 23 71 36(105)	36 36 64 64	23 69 37 71(254)					
59.1	20.5	66 66 33 33	80 45 50 23(38)	78 21 71 28					
		71 17 76 35(109)	33 33 67 67	17 70 35 76(250)					
65.6	19.2	69 69 30 30	85 44 50 19(39)	82 16 75 24					
		73 11 80 33(111)	30 30 69 69	11 72 34 80(248)					
72.2	17.0	69 69 28 28	87 42 50 16(40)	83 14 76 22					
		75 9 81 30(108)	28 28 70 70	9 75 31 81(251)					
78.7	14.3	69 69 28 28	86 41 50 15(40)	83 13 75 22					
		75 8 80 30(108)	27 27 69 69	8 74 30 80(251)					
85.3	12.3	68 68 27 27	86 41 49 14(40)	83 12 75 21					
		75 7 80 29(108)	26 26 69 69	7 74 29 80(251)					
91.9	10.6	68 68 26 26	86 40 49 13(40)	83 11 75 20					
		74 6 80 28(108)	25 25 69 69	6 74 29 81(251)					
98.4	9.0	68 68 26 26	86 39 49 13(40)	83 10 75 19					
		74 5 80 28(108)	24 24 69 69	5 74 28 81(251)					
105.0	7.7	68 68 25 25	87 38 49 12(41)	83 9 75 19					
		74 4 81 27(109)	24 24 69 69	3 73 28 81(250)					
111.5	6.6	68 68 24 24	88 38 49 11(41)	84 7 76 18					
		74 2 82 27(109)	23 23 69 69	2 73 27 82(250)					
118.1	5.5	68 68 24 24	88 37 49 10(41)	84 7 76 17					
		74 2 82 26(109)	22 22 69 69	1 73 27 82(250)					
124.7	4.6	68 68 23 23	88 37 48 9(41)	84 6 76 17					
		75 0 82 26(109)	22 22 70 70	0 74 26 82(250)					
131.2	3.5	68 68 23 23	88 37 48 9(41)	84 6 76 17					
		74 0 82 26(109)	22 22 69 69	0 73 26 82(250)					
137.8	2.6	67 67 23 23	87 36 48 9(41)	83 6 76 16					
		74 0 82 25(109)	21 21 69 69	0 73 26 82(250)					

 HA=130.9 HI= 29.5 GGW= 48.7 SL= 0.0 MAX(A,B,C,D)= 8.2 6.9 7.6 7.7

 Main boom and fixed jib (jib angle 20.0 degrees)
 Length of main boom = 138.1 ft Length of jib = 29.5 ft
 Main boom sequence = 0-0-45-90-90-90 % LK = 54
 Counterweight = 48.7 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]								(Pos.[Degrees])				0-360 Degr.
		1(0)				2(...)				3(90)				
		4(...)				5(180)				6(...)				
A	B	C	D	A	B	C	D	A	B	C	D			
45.9	26.2	65	65	37	37	76	50	49	30	(34)	75	28	69	33
		70	25	72	37(105)	37	37	65	65		25	70	38	72(254)
52.5	24.9	68	68	33	33	83	46	51	23	(39)	80	21	73	28
		73	17	78	36(110)	33	33	68	68		17	72	36	78(249)
59.1	23.4	71	71	30	30	89	44	52	17	(40)	85	15	77	24
		75	10	83	34(112)	30	30	71	71		10	74	34	83(247)
65.6	19.4	70	70	29	29	87	43	51	17	(40)	84	15	76	23
		74	9	82	33(112)	29	29	70	70		9	73	33	82(247)
72.2	16.3	69	69	28	28	87	42	50	16	(40)	83	13	76	22
		75	9	81	30(108)	28	28	70	70		9	75	30	81(251)
78.7	13.7	68	68	28	28	86	41	50	15	(40)	83	13	75	22
		75	8	80	29(108)	27	27	69	69		8	74	30	80(251)
85.3	11.7	68	68	27	27	86	40	49	14	(40)	83	11	75	21
		75	6	80	28(108)	26	26	69	69		6	74	29	80(251)
91.9	9.9	68	68	26	26	86	40	49	13	(40)	83	10	75	20
		74	5	80	28(108)	25	25	69	69		5	74	28	81(251)
98.4	8.4	68	68	25	25	87	39	49	12	(40)	83	9	75	19
		74	4	81	27(108)	24	24	69	69		4	74	28	81(251)
105.0	7.1	68	68	25	25	87	38	49	11	(41)	83	8	75	18
		74	3	81	27(109)	23	23	69	69		3	73	28	81(250)
111.5	6.0	68	68	24	24	88	37	49	10	(41)	84	7	76	17
		74	2	82	26(109)	22	22	69	69		2	74	27	82(250)
118.1	4.9	68	68	23	23	88	37	48	10	(41)	84	6	76	17
		74	1	82	26(109)	22	22	69	69		1	74	26	82(250)
124.7	3.7	68	68	23	23	88	37	48	9	(41)	83	6	76	17
		74	1	82	26(109)	22	22	69	69		0	73	26	82(250)
131.2	2.9	68	68	23	23	88	36	48	9	(41)	84	5	76	16
		74	0	82	25(109)	21	21	69	69		0	73	26	82(250)

 HA=138.1 HI= 29.5 GGW= 48.7 SL= 0.0 MAX(A,B,C,D)= 8.2 6.9 7.7 7.7

Main boom and fixed jib (jib angle 20.0 degrees)
 Length of main boom = 145.0 ft Length of jib = 29.5 ft
 Main boom sequence = 0-0-45-100-100-100 % LK = 55
 Counterweight = 48.7 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]								(Pos.[Degrees])				0-360 Degr.
		1(0)				2(...)				3(90)				
		4(...)				5(180)				6(...)				
A	B	C	D	A	B	C	D	A	B	C	D			
45.9	23.8	62	62	39	39	70	51	48	33	(29)	70	31	66	35
		68	29	67	38(100)	39	39	62	62		29	68	38	68(259)
52.5	22.3	65	65	35	35	77	47	49	27	(36)	75	25	69	31
		70	22	73	36(106)	35	35	65	65		22	70	36	73(253)

59.1	20.9	68	68	32	32	83	44	51	21(40)	80	19	73	27
		72	15	78	34(110)	32	32	68	68	15	72	35	78(249)
65.6	19.4	70	70	29	29	87	43	51	17(40)	84	15	76	23
		74	9	82	33(112)	29	29	70	70	9	73	33	82(247)
72.2	16.3	69	69	28	28	87	42	50	16(40)	83	13	75	22
		75	9	80	30(108)	28	28	70	70	9	75	31	81(251)
78.7	13.9	69	69	27	27	87	41	50	15(40)	83	12	75	21
		75	7	80	29(108)	26	26	69	69	7	74	30	81(251)
85.3	11.7	68	68	27	27	86	40	49	14(40)	83	11	75	21
		74	7	80	29(108)	26	26	69	69	6	74	29	80(251)
91.9	9.9	68	68	26	26	86	40	49	13(40)	83	10	75	20
		74	6	80	28(108)	25	25	69	69	5	74	28	80(251)
98.4	8.4	68	68	25	25	86	39	49	13(40)	83	9	75	19
		74	4	80	27(108)	24	24	69	69	4	74	28	81(251)
105.0	7.3	68	68	24	24	88	38	49	11(41)	84	8	76	18
		74	2	82	27(109)	23	23	69	69	2	74	28	82(250)
111.5	6.0	68	68	24	24	88	37	49	11(41)	84	7	76	18
		74	2	81	27(109)	23	23	69	69	2	73	27	82(250)
118.1	4.9	68	68	24	24	88	37	48	10(41)	84	7	76	17
		74	1	82	26(109)	22	22	69	69	1	73	27	82(250)
124.7	4.0	68	68	23	23	88	37	48	9(41)	84	6	76	16
		74	0	82	26(109)	21	21	70	70	0	74	26	82(250)
131.2	2.9	68	68	23	23	87	36	48	9(41)	83	6	76	16
		74	0	81	26(109)	21	21	69	69	0	73	26	82(250)

 HA=145.0 HI= 29.5 GGW= 48.7 SL= 0.0 MAX(A,B,C,D)= 8.2 6.9 7.6 7.7

Main boom and fixed jib (jib angle 20.0 degrees)
 Length of main boom = 152.2 ft Length of jib = 29.5 ft
 Main boom sequence = 0-0-90-90-90-90 % LK = 62
 Counterweight = 48.7 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
	1(0)		2(...)		3(90)		6(...)						
	A	B	C	D	A	B	C	D	A	B	C	D	
45.9	26.5	66	66	37	37	77	49	50	28(35)	76	27	70	32
		71	24	73	37(106)	37	37	66	66	24	70	37	73(253)
52.5	25.1	69	69	32	32	85	45	52	22(40)	82	20	74	27
		74	16	79	35(110)	32	32	69	69	15	73	35	79(249)
59.1	22.9	71	71	29	29	89	44	52	17(40)	85	15	77	24
		74	10	83	34(113)	29	29	71	71	10	74	34	83(246)
65.6	19.0	70	70	29	29	88	43	51	16(40)	84	14	76	23
		76	9	81	30(108)	28	28	70	70	9	75	31	82(251)
72.2	15.9	69	69	28	28	87	42	50	15(40)	84	13	76	22
		75	8	81	30(108)	27	27	70	70	8	75	30	81(251)
78.7	13.2	69	69	27	27	86	41	49	15(40)	83	12	75	21
		75	7	80	29(108)	26	26	69	69	7	74	30	81(251)
85.3	11.2	68	68	26	26	87	40	49	13(40)	83	11	75	20
		75	6	81	28(108)	25	25	69	69	6	74	29	81(251)
91.9	9.5	68	68	26	26	87	39	49	13(40)	83	9	75	19
		75	5	81	28(108)	24	24	69	69	4	74	28	81(251)
98.4	7.9	68	68	25	25	87	38	49	12(41)	83	9	76	19
		74	3	81	27(109)	24	24	69	69	3	73	28	81(250)

105.0	6.6	68	68	24	24	88	38	49	11(41)	84	7	76	18
	74	2	82	27(109)	23	23	69	69	2	74	27	82(250)	
111.5	5.5	68	68	23	23	88	37	49	10(41)	84	6	76	17
	75	1	82	26(109)	22	22	70	70	1	74	27	82(250)	
118.1	4.2	68	68	23	23	88	37	48	10(41)	83	6	76	17
	74	1	82	26(109)	22	22	69	69	1	73	26	82(250)	
124.7	3.3	68	68	23	23	88	36	48	9(41)	84	5	76	16
	74	0	82	25(109)	21	21	69	69	0	73	26	83(250)	
131.2	2.2	67	67	23	23	87	36	48	9(41)	83	5	75	16
	73	0	81	25(109)	21	21	69	69	0	73	26	82(250)	

HA=152.2 HI= 29.5 GGW= 48.7 SL= 0.0 MAX(A,B,C,D)= 8.3 7.0 7.7 7.7

Main boom and fixed jib (jib angle 20.0 degrees)

Length of main boom = 161.4 ft Length of jib = 29.5 ft
 Main boom sequence = 0-0-100-100-100-100 % LK = 63
 Counterweight = 48.7 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
	1(0)		2(...)		3(90)		6(...)						
	A	B	C	D	A	B	C	D					
52.5	22.3	66	66	35	35	78	47	50	26(37)	77	24	70	30
	71	20	74	35(107)	34	34	66	66	20	70	36	74(252)	
59.1	20.9	69	69	31	31	85	43	52	20(41)	81	18	74	26
	73	13	79	34(111)	31	31	69	69	13	72	35	79(248)	
65.6	19.0	70	70	29	29	88	43	51	16(40)	84	14	76	23
	76	9	81	30(108)	28	28	70	70	9	76	31	82(251)	
72.2	15.9	69	69	28	28	87	42	50	15(40)	84	13	76	22
	75	8	81	30(108)	27	27	70	70	8	75	30	81(251)	
78.7	13.2	69	69	27	27	86	41	49	15(40)	83	12	75	21
	75	7	80	29(108)	26	26	69	69	7	74	30	81(251)	
85.3	11.2	69	69	26	26	87	40	49	13(40)	83	11	75	20
	75	6	81	28(108)	25	25	69	69	6	74	29	81(251)	
91.9	9.5	68	68	26	26	87	39	49	12(41)	83	9	76	19
	74	4	81	28(109)	24	24	69	69	4	74	28	81(250)	
98.4	7.9	68	68	25	25	87	38	49	11(41)	83	9	76	19
	74	3	81	27(109)	24	24	69	69	3	74	28	82(250)	
105.0	6.6	68	68	24	24	88	38	49	11(41)	84	7	76	18
	74	2	82	27(109)	23	23	69	69	2	74	27	82(250)	
111.5	5.5	69	69	23	23	88	37	49	9(41)	84	6	76	17
	75	1	82	26(109)	22	22	70	70	1	74	27	82(250)	
118.1	4.2	68	68	23	23	88	37	48	10(41)	84	6	76	17
	74	1	82	26(109)	22	22	69	69	1	73	26	82(250)	
124.7	3.1	67	67	23	23	87	37	48	9(41)	83	6	75	17
	74	1	81	26(109)	22	22	69	69	0	73	26	82(250)	
131.2	2.2	67	67	23	23	87	36	48	9(41)	83	5	76	16
	73	0	82	25(109)	21	21	69	69	0	73	26	82(250)	

HA=161.4 HI= 29.5 GGW= 48.7 SL= 0.0 MAX(A,B,C,D)= 8.2 7.0 7.6 7.7

Main boom and fixed jib (jib angle 20.0 degrees)

Length of main boom = 166.0 ft Length of jib = 29.5 ft
 Main boom sequence = 0-45-90-90-90-90 % LK = 68

Counterweight = 48.7 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]								(Pos.[Degrees])				0-360 Degr.
		1(0)		2(...)		3(90)		4(...)		5(180)		6(...)		
		A	B	C	D	A	B	C	D	A	B	C	D	
52.5	25.1	70	70	32	32	87	44	52	20	(41)	83	19	75	26
		74	14	81	35(111)	32	32	70	70		14	74	35	81(248)
59.1	20.9	69	69	30	30	86	44	50	19	(39)	83	16	75	24
		73	11	81	34(112)	30	30	70	70		11	73	34	81(247)
65.6	17.6	69	69	29	29	86	43	50	17	(39)	83	15	75	23
		73	9	81	33(112)	28	28	70	70		9	72	33	81(247)
72.2	14.8	69	69	28	28	86	41	50	15	(40)	83	13	75	22
		75	8	80	30(108)	27	27	69	69		8	74	30	80(251)
78.7	12.3	68	68	27	27	86	41	49	14	(40)	83	12	75	21
		75	7	80	29(108)	26	26	69	69		7	74	29	81(251)
85.3	10.4	68	68	26	26	87	40	49	13	(40)	83	10	75	20
		75	5	81	28(108)	25	25	69	69		5	74	28	81(251)
91.9	8.6	68	68	25	25	87	39	49	12	(41)	83	9	75	19
		74	4	81	28(109)	24	24	69	69		4	73	28	81(250)
98.4	7.1	68	68	24	24	87	38	49	11	(41)	83	8	76	18
		74	3	81	27(109)	23	23	69	69		3	73	27	81(250)
105.0	5.7	68	68	24	24	88	37	49	10	(41)	84	7	76	17
		74	2	82	26(109)	22	22	69	69		2	73	26	82(250)
111.5	4.4	68	68	23	23	87	37	48	10	(41)	83	7	76	17
		74	1	81	26(109)	22	22	69	69		1	73	26	82(250)
118.1	3.3	68	68	23	23	88	37	48	9	(41)	83	6	76	17
		74	0	82	26(109)	22	22	69	69		0	73	26	82(250)
124.7	2.2	67	67	23	23	87	36	48	9	(41)	83	6	75	16
		73	0	81	25(109)	21	21	69	69		0	73	25	82(250)

HA=166.0 HI= 29.5 GGW= 48.7 SL= 0.0 MAX(A,B,C,D)= 8.1 6.9 7.6 7.6

Main boom and fixed jib (jib angle 20.0 degrees)

Length of main boom = 175.5 ft Length of jib = 29.5 ft

Main boom sequence = 0-45-100-100-100-100 % LK = 69

Counterweight = 48.7 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]								(Pos.[Degrees])				0-360 Degr.
		1(0)		2(...)		3(90)		4(...)		5(180)		6(...)		
		A	B	C	D	A	B	C	D	A	B	C	D	
52.5	22.3	67	67	34	34	80	46	50	24	(38)	78	22	71	29
		71	19	75	35(108)	34	34	67	67		19	71	35	76(251)
59.1	20.5	69	69	30	30	85	45	50	19	(38)	82	17	75	25
		73	12	80	34(111)	30	30	69	69		12	72	34	80(248)
65.6	17.2	69	69	29	29	85	43	50	18	(39)	82	15	75	24
		72	10	80	33(112)	29	29	69	69		10	72	33	80(247)
72.2	14.6	68	68	28	28	86	42	49	16	(39)	82	13	75	22
		75	9	80	29(107)	27	27	69	69		9	74	29	80(252)
78.7	12.1	68	68	27	27	86	41	49	15	(40)	82	12	75	21
		74	7	80	29(108)	26	26	69	69		7	74	29	80(251)
85.3	10.1	68	68	26	26	86	40	49	14	(40)	82	11	75	20
		74	6	80	28(108)	25	25	69	69		6	73	28	80(251)

91.9	8.4	68	68	26	26	86	39	49	13(40)	82	10	75	19
		74	5	80	28(108)	24	24	69	69	5	73	28	80(251)
98.4	6.8	68	68	25	25	86	38	49	12(41)	82	9	75	19
		73	4	81	27(109)	24	24	69	69	4	73	28	81(250)
105.0	5.5	68	68	24	24	87	37	49	11(41)	83	8	75	18
		73	3	81	27(109)	23	23	69	69	2	73	27	81(250)
111.5	4.2	67	67	24	24	86	37	48	11(41)	82	7	75	18
		73	2	81	26(109)	22	22	69	69	2	73	27	81(250)
118.1	3.3	68	68	23	23	88	37	48	9(41)	83	6	76	17
		74	0	82	26(109)	22	22	69	69	0	73	26	82(250)
124.7	2.2	67	67	23	23	87	36	48	9(41)	83	6	75	16
		73	0	81	25(109)	21	21	69	69	0	73	26	81(250)

HA=175.5 HI= 29.5 GGW= 48.7 SL= 0.0 MAX(A,B,C,D)= 8.1 6.9 7.6 7.6

Main boom and fixed jib (jib angle 20.0 degrees)

Length of main boom = 180.1 ft Length of jib = 29.5 ft

Main boom sequence = 0-90-90-90-90-90 % LK = 73

Counterweight = 48.7 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.			
		1(0)		2(...)		3(90)		6(...)					
		A	B	C	D	A	B	C	D				
59.1	19.4	68	68	31	31	84	45	50	20(38)	81	17	74	25
		72	13	79	34(111)	30	30	69	69	13	72	34	79(248)
65.6	16.1	68	68	29	29	84	43	49	18(39)	81	15	74	24
		72	11	79	32(111)	29	29	68	68	11	71	33	79(248)
72.2	13.2	67	67	28	28	84	42	49	17(39)	81	14	74	23
		74	10	78	30(107)	28	28	68	68	9	73	30	79(252)
78.7	11.0	67	67	27	27	84	41	48	15(39)	81	12	74	22
		74	8	79	29(107)	26	26	68	68	8	73	29	79(252)
85.3	9.0	67	67	26	26	85	40	49	14(40)	81	11	74	21
		73	6	79	28(108)	25	25	68	68	6	73	29	79(251)
91.9	7.3	67	67	26	26	85	39	48	13(40)	81	10	74	20
		73	5	79	28(108)	25	25	68	68	5	73	28	80(251)
98.4	5.7	67	67	25	25	85	39	48	12(40)	82	9	74	19
		73	4	79	27(108)	24	24	68	68	4	73	28	80(251)
105.0	4.4	67	67	24	24	85	38	48	12(40)	82	8	74	18
		73	3	80	26(108)	23	23	68	68	3	73	27	80(251)
111.5	3.3	67	67	24	24	86	37	48	11(41)	82	7	75	17
		73	2	80	26(109)	22	22	68	68	2	72	27	80(250)

HA=180.1 HI= 29.5 GGW= 48.7 SL= 0.0 MAX(A,B,C,D)= 8.0 6.8 7.5 7.5

Main boom and fixed jib (jib angle 20.0 degrees)

Length of main boom = 191.9 ft Length of jib = 29.5 ft

Main boom sequence = 0-100-100-100-100-100 % LK = 74

Counterweight = 48.7 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.	
		1(0)		2(...)		3(90)		6(...)			
		A	B	C	D	A	B	C	D		

59.1	18.5	67	67	31	31	83	43	50	21(40)	80	19	73	26
		71	14	78	34(110)	31	31	68	68	14	71	34	78(249)
65.6	15.4	67	67	30	30	83	43	49	19(38)	80	16	73	24
		71	12	78	33(111)	29	29	68	68	12	71	33	78(248)
72.2	12.8	67	67	29	29	83	42	49	17(39)	80	15	73	23
		71	10	78	32(111)	28	28	68	68	10	70	32	78(248)
78.7	10.6	67	67	28	28	84	41	48	16(39)	80	13	73	22
		73	9	78	29(107)	27	27	68	68	9	73	30	78(252)
85.3	8.6	67	67	27	27	84	41	48	15(39)	80	12	73	21
		73	7	78	28(107)	26	26	68	68	7	73	29	78(252)
91.9	6.8	66	66	26	26	84	39	48	14(40)	80	11	73	21
		72	6	78	28(108)	25	25	67	67	6	72	29	79(251)
98.4	5.3	66	66	26	26	84	39	48	13(40)	80	10	73	20
		72	5	78	28(108)	24	24	67	67	5	72	28	79(251)
105.0	4.2	67	67	25	25	85	38	48	12(40)	81	9	74	19
		73	4	79	27(108)	23	23	68	68	4	72	27	80(251)
111.5	2.9	66	66	24	24	84	38	47	12(40)	81	8	74	18
		73	3	79	26(108)	23	23	68	68	3	72	27	79(251)

 HA=191.9 HI= 29.5 GGW= 48.7 SL= 0.0 MAX(A,B,C,D)= 7.9 6.7 7.4 7.4

Main boom and fixed jib (jib angle 20.0 degrees)

Length of main boom = 193.9 ft Length of jib = 29.5 ft
 Main boom sequence = 45-90-90-90-90-90 % LK = 76
 Counterweight = 48.7 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
	1(0)		2(...)		3(90)		6(...)						
	A	B	C	D	A	B	C	D					
59.1	17.2	67	67	31	31	81	44	50	21(39)	79	19	72	26
		71	14	77	34(110)	31	31	67	67	14	70	34	77(249)
65.6	14.1	66	66	30	30	82	43	49	19(38)	79	17	72	25
		70	12	77	33(111)	29	29	67	67	12	70	33	77(248)
72.2	11.5	66	66	29	29	82	42	48	18(38)	79	15	72	23
		70	10	78	32(111)	28	28	67	67	10	70	32	78(248)
78.7	9.3	66	66	28	28	82	41	48	16(39)	79	13	73	22
		72	9	77	29(107)	27	27	67	67	9	72	30	77(252)
85.3	7.3	66	66	27	27	82	40	48	15(39)	79	12	73	21
		72	8	77	28(107)	26	26	67	67	8	72	29	77(252)
91.9	5.5	65	65	26	26	82	40	47	15(39)	79	11	73	21
		72	7	77	28(107)	25	25	67	67	7	71	28	77(252)
98.4	4.2	66	66	26	26	83	38	47	13(40)	80	10	73	20
		72	5	78	27(108)	24	24	67	67	5	71	28	78(251)
105.0	2.9	66	66	25	25	84	38	47	12(40)	80	9	73	19
		72	4	78	27(108)	23	23	67	67	4	71	27	78(251)

 HA=193.9 HI= 29.5 GGW= 48.7 SL= 0.0 MAX(A,B,C,D)= 7.8 6.7 7.3 7.3

Main boom and fixed jib (jib angle 20.0 degrees)

Length of main boom = 205.7 ft Length of jib = 29.5 ft
 Main boom sequence = 45-100-100-100-100-100 % LK = 77
 Counterweight = 48.7 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.					
	1(0)				2(...)				3(90)					
	4(...)				5(180)				6(...)					
	A	B	C	D	A	B	C	D	A	B	C	D		
65.6	13.7	66	66	30	30	81	42	49	20	(40)	78	17	71	25
		70	13	76	33(110)	30	30	66	66	13	69	33	77(249)	
72.2	11.0	65	65	29	29	81	42	48	19	(38)	78	16	72	24
		69	11	77	32(111)	28	28	66	66	11	69	33	77(248)	
78.7	8.8	65	65	28	28	81	42	47	17	(38)	78	14	72	23
		69	9	77	31(111)	27	27	66	66	9	69	32	77(248)	
85.3	6.8	65	65	28	28	81	41	47	16	(38)	78	13	72	22
		72	9	76	28(106)	26	26	66	66	9	71	29	76(253)	
91.9	5.3	65	65	27	27	82	40	47	15	(39)	79	12	72	21
		71	7	77	28(107)	25	25	66	66	7	71	28	77(252)	
98.4	3.7	65	65	26	26	82	39	47	14	(39)	79	11	72	21
		71	7	77	28(107)	25	25	66	66	6	71	28	77(252)	
105.0	2.6	65	65	25	25	83	38	47	13	(40)	79	9	73	19
		71	5	78	27(108)	24	24	67	67	5	71	28	78(251)	

HA=205.7 HI= 29.5 GGW= 48.7 SL= 0.0 MAX(A,B,C,D)= 7.7 6.6 7.2 7.2

Main boom and fixed jib (jib angle 20.0 degrees)

Length of main boom = 208.0 ft Length of jib = 29.5 ft
Main boom sequence = 90-90-90-90-90-90 % LK = 78
Counterweight = 48.7 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.					
	1(0)				2(...)				3(90)					
	4(...)				5(180)				6(...)					
	A	B	C	D	A	B	C	D	A	B	C	D		
65.6	12.3	65	65	30	30	80	42	49	20	(39)	77	18	71	25
		69	13	75	33(110)	30	30	66	66	13	69	33	76(249)	
72.2	9.7	65	65	29	29	79	43	47	19	(37)	77	16	71	24
		69	12	75	32(110)	28	28	66	66	12	68	32	76(249)	
78.7	7.5	64	64	28	28	80	41	47	18	(38)	77	15	71	23
		68	10	76	32(111)	27	27	66	66	10	68	32	76(248)	
85.3	5.7	65	65	28	28	80	41	47	16	(38)	78	13	71	22
		71	9	76	28(106)	26	26	66	66	9	71	29	76(253)	
91.9	4.2	65	65	27	27	81	39	47	15	(39)	78	12	72	21
		71	7	76	28(107)	25	25	66	66	7	70	28	77(252)	
98.4	2.6	64	64	26	26	81	39	47	14	(39)	78	11	71	21
		71	7	76	27(107)	24	24	66	66	6	70	28	77(252)	

HA=208.0 HI= 29.5 GGW= 48.7 SL= 0.0 MAX(A,B,C,D)= 7.5 6.6 7.1 7.1

HA=208.0 HI= 29.5 GGW= 48.7 SL= 0.0 MAX(A,B,C,D)= 0.0 0.0 0.0 0.0

Programm L A M O S 9 9 Version 1.08 vom 29.09.02

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Eingabedatei: ilam.dat

Festdatei : /berechnung/tabellen/zentraledaten/lamosfd-ac/200-1.99dat

Tabellendat.: /berechnung/tabellen/ac/ac200-1/serie_3/pc_tab/22137012_tab.txt

H

DEMAG Mobile Cranes

OUTRIGGER - LOADINGS
(Variance = +-10%)

PSI= 1.00

Crane : *** AC 200-1 *** mit HKHI fuer GA und MS

 Outrigger width = 18.7 ft Outrigger length = 27.7 ft
 Outrigger "A" X = 12.0 ft Outrigger "A" Y = 9.4 ft
 Outrigger "B" X = 12.0 ft Outrigger "B" Y = -9.4 ft
 Outrigger "C" X = -15.7 ft Outrigger "C" Y = 9.4 ft
 Outrigger "D" X = -15.7 ft Outrigger "D" Y = -9.4 ft

Main boom and fixed jib (jib angle 40.0 degrees)
 Length of main boom = 40.7 ft Length of jib = 29.5 ft
 Main boom sequence = 0-0-0-0-0-0 % LK = 1
 Counterweight = 48.7 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]								(Pos.[Degrees])				0-360 Degr.
		1(0)		2(59)		3(90)		4(...)		5(180)		6(...)		
		A	B	C	D	A	B	C	D	A	B	C	D	
23.0	22.7	43	43	57	57	37	56	46	61	39	62	41	59	
		45	63	39	53(128)	57	57	43	43	63	45	53	39(232)	
26.2	21.6	45	45	55	55	40	54	47	58	41	58	44	56	
		46	60	42	52(128)	55	55	45	45	60	46	52	42(232)	
29.5	20.7	46	46	53	53	43	52	48	55	44	55	46	54	
		47	56	45	51(128)	53	53	47	47	56	47	51	45(232)	
32.8	20.1	48	48	51	51	47	50	49	52	47	51	48	51	
		49	52	48	50(127)	50	50	49	49	52	49	50	48(232)	
39.4	18.7	52	52	47	47	54	47	51	45	53	45	53	46	
		51	44	54	48(128)	46	46	52	52	44	51	48	54(232)	
45.9	17.6	55	55	43	43	61	43	53	39	59	38	57	41	
		59	38	57	41(90)	42	42	56	56	38	59	41	57(270)	

 HA= 40.7 HI= 29.5 GGW= 48.7 SL= 0.0 MAX(A,B,C,D)= 5.9 5.9 5.3 5.7

Main boom and fixed jib (jib angle 40.0 degrees)
 Length of main boom = 54.5 ft Length of jib = 29.5 ft
 Main boom sequence = 0-0-0-0-0-45 % LK = 7
 Counterweight = 48.7 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]								(Pos.[Degrees])				0-360 Degr.
		1(0)		2(...)		3(90)		4(...)		5(180)		6(...)		
		A	B	C	D	A	B	C	D	A	B	C	D	
26.2	22.3	45	45	55	55	40	55	47	58(59)	41	58	44	57	
		46	60	42	52(128)	55	55	45	45	60	46	52	42(232)	
29.5	21.4	47	47	53	53	43	53	48	55(59)	44	55	46	54	
		47	56	45	51(128)	53	53	47	47	56	47	51	45(232)	
32.8	20.7	48	48	51	51	47	51	49	52(59)	47	52	48	52	
		49	52	48	50(128)	51	51	49	49	52	49	50	48(232)	
39.4	19.4	51	51	47	47	53	47	51	46(59)	53	46	52	47	
		51	45	53	49(128)	47	47	52	52	45	51	49	53(232)	

45.9 18.5 55 55 44 44 60 44 53 40(59) 59 39 57 42
 59 39 57 42(90) 43 43 55 55 39 59 42 57(270)
 52.5 17.6 58 58 40 40 62 52 44 37(19) 64 33 61 37
 64 33 61 38(92) 39 39 58 58 33 64 38 62(267)
 59.1 17.4 62 62 36 36 72 48 47 28(33) 71 26 66 32
 67 24 69 36(104) 35 35 62 62 23 67 36 69(255)

 HA= 54.5 HI= 29.5 GGW= 48.7 SL= 0.0 MAX(A,B,C,D)= 6.7 6.2 6.4 6.4

Main boom and fixed jib (jib angle 40.0 degrees)
 Length of main boom = 68.6 ft Length of jib = 29.5 ft
 Main boom sequence = 0-0-0-0-0-90 % LK = 13
 Counterweight = 48.7 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.			
		1(0)				2(...)							
		4(...)				5(180)				6(...)			
		A	B	C	D	A	B	C	D	A	B	C	D
29.5	21.8	47	47	53	53	43	53	48	55(59)	44	55	46	54
		47	56	45	51(128)	53	53	47	47	56	47	51	45(232)
32.8	21.2	48	48	51	51	47	51	49	52(59)	47	52	48	52
		49	53	47	50(128)	51	51	48	48	53	49	50	47(232)
39.4	20.1	51	51	48	48	53	47	51	46(59)	53	46	52	47
		51	45	53	49(128)	47	47	52	52	45	51	49	53(232)
45.9	19.2	55	55	44	44	60	44	53	41(59)	58	40	56	42
		58	40	56	42(90)	44	44	55	55	40	58	42	56(270)
52.5	18.3	58	58	40	40	62	53	44	37(17)	64	34	61	38
		64	34	61	38(90)	40	40	58	58	34	63	38	61(269)
59.1	17.6	61	61	37	37	69	49	46	31(30)	69	28	65	34
		67	26	67	36(101)	36	36	61	61	26	66	36	67(258)
65.6	17.0	64	64	34	34	77	46	48	25(36)	75	22	69	29
		69	19	73	34(107)	33	33	65	65	19	69	35	73(252)
72.2	16.1	67	67	30	30	82	44	49	20(38)	79	17	73	25
		71	13	78	33(111)	30	30	67	67	12	70	34	78(248)

 HA= 68.6 HI= 29.5 GGW= 48.7 SL= 0.0 MAX(A,B,C,D)= 7.6 6.5 7.2 7.2

Main boom and fixed jib (jib angle 40.0 degrees)
 Length of main boom = 70.2 ft Length of jib = 29.5 ft
 Main boom sequence = 0-0-0-0-0-100 % LK = 14
 Counterweight = 48.7 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.			
		1(0)				2(...)							
		4(...)				5(180)				6(...)			
		A	B	C	D	A	B	C	D	A	B	C	D
29.5	21.8	47	47	53	53	43	53	48	55(59)	44	56	46	54
		47	56	45	51(128)	53	53	47	47	56	47	51	45(232)
32.8	21.2	48	48	51	51	47	51	49	52(59)	47	52	48	52
		49	53	47	50(128)	51	51	48	48	53	49	50	47(232)
39.4	20.1	51	51	48	48	53	48	51	47(59)	53	46	52	47
		51	46	53	49(128)	47	47	52	52	46	51	49	53(232)
45.9	19.2	54	54	44	44	60	44	53	41(59)	58	40	56	43
		58	40	56	43(90)	44	44	55	55	40	58	43	56(270)

52.5 17.9 57 57 41 41 60 53 44 39(14) 63 35 60 39
 63 35 60 39(90) 40 40 58 58 35 63 39 60(270)
 59.1 16.3 59 59 38 38 65 50 45 33(25) 66 30 63 35
 65 29 64 37(97) 37 37 60 60 29 65 37 64(262)
 65.6 15.2 61 61 35 35 71 47 46 28(32) 70 26 66 32
 66 23 68 35(104) 35 35 62 62 23 66 35 69(255)
 72.2 14.1 63 63 33 33 76 44 48 24(37) 74 21 69 28
 68 18 72 34(107) 32 32 64 64 18 68 34 72(252)

 HA= 70.2 HI= 29.5 GGW= 48.7 SL= 0.0 MAX(A,B,C,D)= 7.1 6.3 6.7 6.7

Main boom and fixed jib (jib angle 40.0 degrees)
 Length of main boom = 82.3 ft Length of jib = 29.5 ft
 Main boom sequence = 0-0-0-0-45-90 % LK = 20
 Counterweight = 48.7 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]								(Pos.[Degrees]) 0-360 Degr.				
		1(0)		2(...)		3(90)		4(...)						
		A	B	C	D	A	B	C	D		A	B	C	D
32.8	21.6	49	49	51	51	47	51	49	52(59)	48	52	48	52	
		49	52	48	50(128)	51	51	49	49	52	49	50	48(232)	
39.4	20.5	52	52	48	48	54	47	51	46(59)	53	46	53	47	
		51	45	53	49(128)	47	47	52	52	45	51	49	53(232)	
45.9	19.6	55	55	44	44	60	44	53	40(59)	59	40	57	42	
		59	40	57	42(90)	43	43	55	55	40	59	42	57(270)	
52.5	18.7	58	58	40	40	62	53	44	37(18)	64	34	61	38	
		64	34	61	38(91)	40	40	58	58	34	64	38	61(268)	
59.1	18.3	62	62	37	37	71	49	47	30(31)	70	28	65	33	
		67	26	68	36(102)	36	36	62	62	25	67	36	68(257)	
65.6	17.6	65	65	33	33	77	45	49	24(37)	75	22	69	29	
		69	18	73	35(108)	33	33	65	65	18	69	35	73(251)	
72.2	17.2	68	68	30	30	84	44	49	19(38)	81	16	74	24	
		72	11	79	33(111)	29	29	68	68	11	71	33	79(248)	
78.7	15.2	68	68	28	28	86	42	49	16(39)	82	13	75	22	
		75	9	80	30(107)	28	28	69	69	9	74	30	80(252)	
85.3	13.0	68	68	27	27	86	41	49	15(40)	82	12	75	21	
		74	7	80	29(108)	26	26	69	69	7	74	30	80(251)	

 HA= 82.3 HI= 29.5 GGW= 48.7 SL= 0.0 MAX(A,B,C,D)= 8.0 6.9 7.4 7.5

Main boom and fixed jib (jib angle 40.0 degrees)
 Length of main boom = 84.0 ft Length of jib = 29.5 ft
 Main boom sequence = 0-0-0-0-45-100 % LK = 21
 Counterweight = 48.7 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]								(Pos.[Degrees]) 0-360 Degr.				
		1(0)		2(...)		3(90)		4(...)						
		A	B	C	D	A	B	C	D		A	B	C	D
32.8	21.6	49	49	51	51	47	51	49	52(59)	47	52	48	52	
		49	52	48	50(128)	51	51	49	49	52	49	50	48(232)	
39.4	20.5	52	52	48	48	54	47	51	46(59)	53	46	52	47	
		51	45	53	49(128)	47	47	52	52	45	51	49	53(232)	

45.9	19.6	55	55	44	44	60	44	53	41(59)	59	40	57	42
		59	40	57	42(90)	44	44	55	55	40	59	42	57(270)
52.5	18.5	58	58	41	41	61	53	44	38(16)	63	34	60	38
		63	34	60	38(90)	40	40	58	58	34	63	38	60(270)
59.1	17.6	60	60	37	37	69	49	46	32(29)	69	29	64	34
		66	27	66	36(100)	37	37	61	61	27	66	37	66(259)
65.6	16.3	62	62	35	35	73	47	47	27(34)	72	24	67	31
		68	22	70	35(105)	34	34	63	63	21	67	35	70(254)
72.2	15.2	65	65	32	32	78	44	49	22(38)	76	20	70	27
		69	16	74	34(109)	31	31	65	65	16	68	34	74(250)
78.7	14.3	67	67	29	29	82	43	49	18(38)	80	16	73	24
		71	11	78	32(111)	29	29	67	67	11	70	33	78(248)
85.3	13.0	68	68	27	27	86	41	49	15(40)	82	13	75	22
		74	8	80	29(108)	27	27	69	69	8	73	30	80(251)

HA= 84.0 HI= 29.5 GGW= 48.7 SL= 0.0 MAX(A,B,C,D)= 7.9 6.8 7.4 7.4

Main boom and fixed jib (jib angle 40.0 degrees)

Length of main boom = 96.5 ft Length of jib = 29.5 ft

Main boom sequence = 0-0-0-0-90-90 % LK = 28

Counterweight = 48.7 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.			
		1(0)		2(...)		3(90)		6(...)					
		4(...)	5(180)			6(...)							
		A	B	C	D	A	B	C	D	A	B	C	D
39.4	20.7	52	52	48	48	54	47	51	46(59)	53	46	53	47
		51	45	54	49(128)	47	47	52	52	45	51	49	54(232)
45.9	19.8	55	55	44	44	61	44	53	40(59)	59	40	57	42
		59	40	57	42(90)	43	43	55	55	40	59	42	57(270)
52.5	19.2	58	58	40	40	63	53	45	37(19)	65	34	61	38
		64	33	62	38(92)	40	40	59	59	33	64	38	62(267)
59.1	18.5	62	62	37	37	71	49	47	30(31)	70	28	65	33
		67	26	68	36(102)	36	36	62	62	25	67	36	68(257)
65.6	17.9	65	65	33	33	77	45	49	24(37)	75	22	69	29
		69	19	73	35(108)	33	33	65	65	18	69	35	74(251)
72.2	17.4	68	68	30	30	84	44	49	19(38)	81	16	74	24
		72	11	79	33(111)	29	29	68	68	11	71	34	79(248)
78.7	15.4	68	68	28	28	85	42	49	17(39)	82	14	75	23
		75	9	80	30(107)	28	28	69	69	9	74	30	80(252)
85.3	13.2	68	68	28	28	86	41	49	15(40)	82	13	75	22
		74	8	80	29(108)	27	27	69	69	8	73	30	80(251)
91.9	11.2	68	68	27	27	85	40	49	15(40)	82	12	75	21
		74	7	80	29(108)	26	26	69	69	7	73	29	80(251)

HA= 96.5 HI= 29.5 GGW= 48.7 SL= 0.0 MAX(A,B,C,D)= 7.9 6.9 7.4 7.4

Main boom and fixed jib (jib angle 40.0 degrees)

Length of main boom = 100.4 ft Length of jib = 29.5 ft

Main boom sequence = 0-0-0-0-100-100 % LK = 29

Counterweight = 48.7 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.
		1(0)		2(...)		3(90)				

	4(...)				5(180)				6(...)				
	A	B	C	D	A	B	C	D	A	B	C	D	
39.4	20.7	52	52	48	48	54	47	51	46(59)	53	46	53	47
	51	45	54	49(128)	47	47	52	52	45	51	49	54(232)	
45.9	19.8	55	55	44	44	60	44	53	40(59)	59	40	57	42
	59	40	57	42(90)	44	44	55	55	40	59	42	57(270)	
52.5	19.0	58	58	41	41	62	53	45	37(18)	64	34	61	38
	64	34	61	38(91)	40	40	58	58	34	64	38	61(268)	
59.1	18.1	61	61	37	37	69	49	47	31(30)	69	28	65	34
	66	27	67	36(101)	37	37	61	61	26	66	37	67(258)	
65.6	17.0	63	63	34	34	75	46	48	26(35)	73	24	68	30
	68	21	71	35(106)	34	34	64	64	21	68	35	71(253)	
72.2	15.9	65	65	32	32	79	43	49	22(39)	77	19	71	27
	70	15	75	34(109)	31	31	66	66	15	69	34	75(250)	
78.7	14.6	67	67	30	30	82	43	49	19(38)	80	16	73	24
	71	11	78	33(111)	29	29	67	67	11	70	33	78(248)	
85.3	13.2	68	68	28	28	85	42	49	16(39)	82	13	74	22
	74	9	79	29(107)	27	27	69	69	8	74	30	79(252)	
91.9	11.5	68	68	27	27	86	40	49	15(40)	82	12	75	21
	74	7	80	29(108)	26	26	69	69	7	73	29	80(251)	
98.4	9.7	67	67	26	26	86	40	49	14(40)	82	11	75	20
	74	6	80	28(108)	25	25	69	69	6	73	29	80(251)	

HA=100.4 HI= 29.5 GGW= 48.7 SL= 0.0 MAX(A,B,C,D)= 7.9 6.9 7.4 7.4

Main boom and fixed jib (jib angle 40.0 degrees)
Length of main boom = 110.2 ft Length of jib = 29.5 ft
Main boom sequence = 0-0-0-45-90-90 % LK = 36
Counterweight = 48.7 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
	1(0)				2(...)					3(90)			
	4(...)				5(180)				6(...)				
	A	B	C	D	A	B	C	D	A	B	C	D	
39.4	20.9	52	52	47	47	55	47	51	46(59)	54	45	53	47
	52	45	54	49(128)	47	47	52	52	45	52	49	54(232)	
45.9	20.1	56	56	43	43	62	44	53	40(59)	60	39	58	42
	60	39	58	42(90)	43	43	56	56	39	60	42	58(270)	
52.5	19.4	59	59	40	40	64	52	45	36(22)	65	33	62	37
	65	32	63	38(94)	39	39	59	59	32	65	38	63(265)	
59.1	18.7	62	62	36	36	72	49	47	29(32)	71	27	66	33
	67	24	69	36(103)	36	36	63	63	24	67	36	69(256)	
65.6	18.3	65	65	33	33	79	45	49	23(38)	77	21	71	28
	70	17	75	35(109)	32	32	66	66	17	69	35	75(250)	
72.2	17.6	69	69	29	29	85	43	50	18(39)	82	15	75	24
	72	10	80	33(112)	29	29	69	69	10	72	34	80(247)	
78.7	15.2	68	68	28	28	85	42	49	16(39)	82	14	75	22
	75	9	79	30(107)	28	28	69	69	9	74	30	80(252)	
85.3	13.0	68	68	28	28	86	41	49	15(40)	82	13	75	22
	74	8	80	29(108)	27	27	69	69	8	73	30	80(251)	
91.9	11.2	68	68	27	27	86	40	49	14(40)	82	11	75	21
	74	6	80	28(108)	26	26	69	69	6	74	29	80(251)	
98.4	9.5	68	68	26	26	86	40	49	13(40)	82	11	75	20
	74	6	80	28(108)	25	25	69	69	6	73	28	80(251)	

105.0 8.2 68 68 25 25 86 39 48 12(40) 83 9 75 19
 74 4 80 27(108) 24 24 69 69 4 74 28 81(251)

HA=110.2 HI= 29.5 GGW= 48.7 SL= 0.0 MAX(A,B,C,D)= 8.0 6.9 7.5 7.5

Main boom and fixed jib (jib angle 40.0 degrees)

Length of main boom = 114.5 ft Length of jib = 29.5 ft

Main boom sequence = 0-0-0-45-100-100 % LK = 37

Counterweight = 48.7 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.								
	1(0)				2(...)												
	3(90)				4(...)												
5(180)				6(...)													
A	B	C	D	A	B	C	D	A	B	C	D						
39.4	20.9	52	52	47	47	55	47	51	46(59)	54	45	53	47				
		51	45	54	49(128)	47	47	52	52	45	51	49	54(232)				
45.9	20.1	56	56	44	44	61	44	53	40(59)	60	39	58	42				
		60	39	58	42(90)	43	43	56	56	39	60	42	58(270)				
52.5	19.4	59	59	40	40	64	52	45	36(21)	65	33	62	37				
		65	32	63	38(94)	39	39	59	59	32	65	38	63(265)				
59.1	18.5	62	62	37	37	71	49	47	30(31)	71	27	66	33				
		67	25	68	36(103)	36	36	62	62	25	67	37	68(256)				
65.6	17.6	64	64	33	33	77	45	49	24(37)	75	22	69	29				
		69	19	73	35(108)	33	33	65	65	19	69	35	73(251)				
72.2	16.5	67	67	31	31	82	43	50	20(40)	79	18	72	26				
		71	13	77	33(110)	30	30	67	67	13	71	34	77(249)				
78.7	15.2	68	68	28	28	85	42	49	17(39)	82	14	75	23				
		75	10	79	30(107)	28	28	69	69	9	74	30	79(252)				
85.3	13.0	68	68	28	28	85	42	49	16(39)	82	13	74	22				
		74	9	79	29(107)	27	27	69	69	8	74	30	79(252)				
91.9	11.2	68	68	27	27	86	40	49	15(40)	82	12	75	21				
		74	7	80	29(108)	26	26	69	69	7	73	29	80(251)				
98.4	9.7	68	68	26	26	86	40	49	13(40)	82	10	75	20				
		74	6	80	28(108)	25	25	69	69	5	73	28	80(251)				
105.0	8.2	67	67	26	26	86	39	48	13(40)	82	10	75	19				
		74	5	80	27(108)	24	24	69	69	5	73	28	80(251)				
111.5	7.1	68	68	24	24	87	38	49	11(41)	83	8	75	18				
		74	3	81	27(109)	23	23	69	69	3	73	28	81(250)				

HA=114.5 HI= 29.5 GGW= 48.7 SL= 0.0 MAX(A,B,C,D)= 8.1 6.9 7.5 7.6

Main boom and fixed jib (jib angle 40.0 degrees)

Length of main boom = 124.3 ft Length of jib = 29.5 ft

Main boom sequence = 0-0-0-90-90-90 % LK = 45

Counterweight = 48.7 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.								
	1(0)				2(...)												
	3(90)				4(...)												
5(180)				6(...)													
A	B	C	D	A	B	C	D	A	B	C	D						
45.9	20.3	56	56	43	43	62	43	54	39(59)	60	38	58	41				
		60	38	58	41(90)	43	43	56	56	38	60	41	58(270)				
52.5	19.6	60	60	39	39	65	52	45	35(23)	66	32	63	37				
		65	31	63	37(95)	39	39	60	60	31	65	38	64(264)				

59.1	19.0	63	63	36	36	73	48	48	28(33)	72	26	67	32
		68	24	70	36(104)	35	35	63	63	23	68	36	70(255)
65.6	18.5	66	66	32	32	80	44	50	22(39)	78	20	71	27
		71	16	76	34(109)	32	32	67	67	16	70	35	76(250)
72.2	17.6	69	69	29	29	86	43	50	17(39)	82	15	75	23
		73	10	81	33(112)	29	29	69	69	10	72	33	81(247)
78.7	15.0	68	68	28	28	85	42	49	16(39)	82	14	75	22
		75	9	79	30(107)	28	28	69	69	9	74	30	80(252)
85.3	12.8	68	68	28	28	85	41	49	15(40)	82	13	75	22
		74	8	80	29(108)	27	27	69	69	8	73	30	80(251)
91.9	11.0	68	68	27	27	86	40	49	14(40)	82	11	75	21
		74	7	80	28(108)	26	26	69	69	6	73	29	80(251)
98.4	9.5	68	68	26	26	86	39	49	13(40)	83	10	75	20
		74	5	80	28(108)	25	25	69	69	5	74	28	81(251)
105.0	7.9	68	68	25	25	86	39	48	13(40)	82	9	75	19
		74	4	80	27(108)	24	24	69	69	4	73	28	80(251)
111.5	6.8	68	68	24	24	87	38	49	11(41)	83	8	76	18
		74	3	81	27(109)	23	23	69	69	2	73	28	82(250)
118.1	5.7	68	68	24	24	88	37	49	10(41)	84	7	76	17
		74	1	82	26(109)	22	22	69	69	1	74	27	82(250)

HA=124.3 HI= 29.5 GGW= 48.7 SL= 0.0 MAX(A,B,C,D)= 8.2 6.9 7.6 7.6

Main boom and fixed jib (jib angle 40.0 degrees)

Length of main boom = 130.9 ft Length of jib = 29.5 ft

Main boom sequence = 0-0-0-100-100-100 % LK = 46

Counterweight = 48.7 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.			
		1(0)		2(...)		3(90)		6(...)					
		4(...)		5(180)		6(...)							
		A	B	C	D	A	B	C	D				
45.9	20.1	56	56	43	43	62	43	53	39(59)	60	39	58	42
		60	39	58	42(90)	43	43	56	56	39	60	42	58(270)
52.5	19.6	59	59	39	39	65	52	45	35(23)	66	32	63	37
		65	31	63	37(95)	39	39	60	60	31	65	38	63(264)
59.1	19.0	63	63	36	36	73	48	48	29(33)	72	26	67	32
		68	24	70	36(104)	35	35	63	63	24	68	36	70(255)
65.6	18.1	65	65	33	33	79	45	49	23(38)	77	21	71	28
		70	17	75	35(109)	32	32	66	66	17	69	35	75(250)
72.2	17.2	68	68	30	30	84	43	50	18(39)	81	16	74	24
		72	11	79	33(111)	29	29	69	69	11	72	33	80(248)
78.7	15.0	68	68	28	28	85	42	49	17(39)	82	14	75	23
		75	9	79	30(107)	28	28	69	69	9	74	30	80(252)
85.3	12.8	68	68	28	28	85	41	49	16(39)	82	13	74	22
		74	8	79	29(107)	27	27	69	69	8	74	30	79(252)
91.9	11.0	68	68	27	27	86	40	49	14(40)	82	11	75	21
		74	7	80	29(108)	26	26	69	69	7	73	29	80(251)
98.4	9.5	68	68	26	26	86	40	49	13(40)	82	10	75	20
		74	6	80	28(108)	25	25	69	69	5	73	28	80(251)
105.0	8.2	68	68	25	25	87	38	49	12(41)	83	9	75	19
		74	4	81	28(109)	24	24	69	69	4	73	28	81(250)
111.5	6.8	68	68	24	24	87	38	49	11(41)	83	8	75	18
		74	3	81	27(109)	23	23	69	69	3	73	28	81(250)

118.1 5.7 68 68 24 24 87 37 49 10(41) 83 7 76 18
 74 2 81 26(109) 23 23 69 69 2 73 27 82(250)
 124.7 4.9 68 68 23 23 88 37 48 9(41) 84 6 76 17
 75 0 82 26(109) 22 22 70 70 0 74 26 82(250)

 HA=130.9 HI= 29.5 GGW= 48.7 SL= 0.0 MAX(A,B,C,D)= 8.2 6.9 7.6 7.7

Main boom and fixed jib (jib angle 40.0 degrees)
 Length of main boom = 138.1 ft Length of jib = 29.5 ft
 Main boom sequence = 0-0-45-90-90-90 % LK = 54
 Counterweight = 48.7 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]								(Pos.[Degrees])				0-360 Degr.
		1(0)		2(...)				3(90)		6(...)				
		A	B	C	D	A	B	C	D	A	B	C	D	
45.9	20.3	56	56	43	43	57	56	43	43(2)	61	38	59	41	
		61	38	59	41(90)	43	43	57	57	38	61	41	59(270)	
52.5	19.6	60	60	39	39	67	51	46	34(25)	67	31	63	36	
		66	30	65	37(97)	39	39	60	60	30	66	37	65(262)	
59.1	19.2	64	64	35	35	75	47	48	27(35)	73	25	68	31	
		69	22	71	36(106)	35	35	64	64	22	68	36	71(253)	
65.6	18.7	67	67	31	31	83	43	50	21(40)	80	19	73	26	
		71	14	78	34(110)	31	31	68	68	14	71	34	78(249)	
72.2	17.2	69	69	29	29	86	43	50	17(39)	83	14	75	23	
		73	9	81	33(112)	28	28	69	69	9	72	33	81(247)	
78.7	14.6	68	68	28	28	86	42	49	16(39)	82	13	75	22	
		75	9	80	29(107)	27	27	69	69	9	74	30	80(252)	
85.3	12.3	68	68	27	27	86	41	49	15(40)	82	12	75	21	
		74	7	80	29(108)	26	26	69	69	7	74	30	80(251)	
91.9	10.6	68	68	26	26	86	40	49	14(40)	83	11	75	20	
		74	6	80	28(108)	25	25	69	69	6	74	29	80(251)	
98.4	8.8	68	68	26	26	86	39	49	13(40)	82	10	75	20	
		74	5	80	28(108)	25	25	69	69	5	73	28	80(251)	
105.0	7.5	68	68	25	25	87	38	49	12(41)	83	9	75	19	
		74	4	81	28(109)	24	24	69	69	4	73	28	81(250)	
111.5	6.4	68	68	24	24	88	37	49	11(41)	84	7	76	18	
		74	2	82	27(109)	23	23	69	69	2	74	27	82(250)	
118.1	5.3	68	68	23	23	88	37	49	9(41)	84	6	76	17	
		75	1	82	26(109)	22	22	70	70	1	74	26	82(250)	
124.7	4.2	68	68	23	23	88	37	48	9(41)	84	6	76	16	
		74	0	82	26(109)	21	21	70	70	0	74	26	82(250)	
131.2	3.1	68	68	23	23	88	36	48	9(41)	84	5	76	16	
		74	0	82	25(109)	21	21	69	69	0	73	26	82(250)	

 HA=138.1 HI= 29.5 GGW= 48.7 SL= 0.0 MAX(A,B,C,D)= 8.2 6.9 7.6 7.7

Main boom and fixed jib (jib angle 40.0 degrees)
 Length of main boom = 145.0 ft Length of jib = 29.5 ft
 Main boom sequence = 0-0-45-100-100-100 % LK = 55
 Counterweight = 48.7 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.
		1(0)		2(...)		3(90)		6(...)		

	4(...)				5(180)				6(...)					
	A	B	C	D	A	B	C	D	A	B	C	D		
52.5	19.6	60	60	39	39	67	51	46	34	(25)	67	31	63	36
	66	30	64	37	(97)	39	39	60	60	30	65	37	65	(262)
59.1	19.0	63	63	35	35	74	48	48	28	(34)	73	25	68	31
	69	22	71	35	(105)	35	35	64	64	22	68	36	71	(254)
65.6	18.3	67	67	32	32	81	44	50	21	(39)	78	19	72	27
	71	15	77	34	(110)	31	31	67	67	15	70	35	77	(249)
72.2	17.2	69	69	29	29	86	43	50	17	(39)	83	15	75	23
	73	9	81	33	(112)	28	28	69	69	9	72	33	81	(247)
78.7	14.6	68	68	28	28	85	42	49	16	(39)	82	13	75	22
	75	9	80	29	(107)	27	27	69	69	9	74	30	80	(252)
85.3	12.3	68	68	27	27	86	41	49	15	(40)	82	12	75	21
	74	8	80	29	(108)	26	26	69	69	7	73	30	80	(251)
91.9	10.6	68	68	26	26	86	40	49	14	(40)	82	11	75	21
	74	6	80	28	(108)	25	25	69	69	6	74	29	80	(251)
98.4	9.0	68	68	26	26	86	39	49	13	(40)	83	10	75	19
	74	5	80	28	(108)	24	24	69	69	5	74	28	81	(251)
105.0	7.7	68	68	25	25	87	38	49	11	(41)	83	8	76	19
	74	3	81	27	(109)	24	24	69	69	3	73	28	81	(250)
111.5	6.4	68	68	24	24	87	38	49	11	(41)	83	8	76	18
	74	2	81	27	(109)	23	23	69	69	2	73	27	82	(250)
118.1	5.3	68	68	24	24	88	37	49	10	(41)	84	7	76	17
	74	1	82	26	(109)	22	22	69	69	1	74	27	82	(250)
124.7	4.2	68	68	23	23	88	37	48	9	(41)	84	6	76	17
	74	1	82	26	(109)	22	22	69	69	0	73	26	82	(250)
131.2	3.1	67	67	23	23	87	37	48	9	(41)	83	6	75	17
	74	0	81	26	(109)	22	22	69	69	0	73	26	82	(250)

HA=145.0 HI= 29.5 GGW= 48.7 SL= 0.0 MAX(A,B,C,D)= 8.2 6.9 7.6 7.6

Main boom and fixed jib (jib angle 40.0 degrees)
Length of main boom = 152.2 ft Length of jib = 29.5 ft
Main boom sequence = 0-0-90-90-90-90 % LK = 62
Counterweight = 48.7 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.					
	1(0)				2(...)									
	4(...)				5(180)				6(...)					
	A	B	C	D	A	B	C	D	A	B	C	D		
52.5	19.8	61	61	38	38	68	50	47	33	(28)	69	30	64	35
	66	29	66	37	(99)	38	38	61	61	29	66	37	66	(260)
59.1	19.2	64	64	35	35	76	47	49	26	(36)	74	24	69	30
	69	21	72	35	(106)	34	34	65	65	21	69	35	72	(253)
65.6	18.7	68	68	31	31	84	43	50	20	(40)	81	17	73	25
	72	13	79	34	(111)	30	30	68	68	13	71	34	79	(248)
72.2	16.8	69	69	29	29	86	43	50	17	(39)	83	14	75	23
	75	10	80	30	(107)	28	28	69	69	9	75	30	80	(252)
78.7	14.1	68	68	28	28	86	41	50	16	(40)	82	13	75	22
	74	8	80	30	(108)	27	27	69	69	8	74	30	80	(251)
85.3	11.9	68	68	27	27	86	41	49	15	(40)	82	12	75	21
	74	7	80	29	(108)	26	26	69	69	7	74	29	80	(251)
91.9	10.1	68	68	26	26	86	40	49	13	(40)	83	10	75	20
	74	6	80	28	(108)	25	25	69	69	5	74	28	81	(251)

98.4	8.6	68	68	25	25	87	39	49	12(41)	83	9	75	19
	74	4	81	28(109)		24	24	69	69	4	73	28	81(250)
105.0	7.1	68	68	25	25	87	38	49	11(41)	83	8	75	19
	74	3	81	27(109)		24	24	69	69	3	73	28	81(250)
111.5	6.0	68	68	24	24	88	37	49	10(41)	84	7	76	17
	74	2	82	26(109)		22	22	69	69	2	74	27	82(250)
118.1	4.9	68	68	23	23	88	37	48	9(41)	84	6	76	17
	75	0	82	26(109)		22	22	70	70	0	74	26	82(250)
124.7	3.5	68	68	23	23	87	37	48	9(41)	83	6	76	17
	74	1	81	26(109)		22	22	69	69	0	73	26	82(250)
131.2	2.6	68	68	22	22	88	36	48	9(41)	84	5	76	16
	74	0	82	25(109)		21	21	69	69	0	73	25	83(250)

HA=152.2 HI= 29.5 GGW= 48.7 SL= 0.0 MAX(A,B,C,D)= 8.2 6.9 7.7 7.7

Main boom and fixed jib (jib angle 40.0 degrees)

Length of main boom = 161.4 ft Length of jib = 29.5 ft

Main boom sequence = 0-0-100-100-100-100 % LK = 63

Counterweight = 48.7 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.			
		1(0)		2(...)		3(90)		6(...)					
		A	B	C	D	A	B	C	D	A	B	C	D
59.1	19.2	64	64	34	34	76	47	49	26(36)	75	24	69	30
		69	21	72	35(106)	34	34	65	65	21	69	35	72(253)
65.6	18.3	67	67	31	31	83	43	50	20(40)	80	18	73	26
		71	14	78	34(110)	31	31	68	68	14	71	34	78(249)
72.2	16.8	69	69	29	29	86	43	50	17(39)	83	14	75	23
		75	10	80	30(107)	28	28	69	69	9	75	30	80(252)
78.7	14.1	68	68	28	28	86	41	50	16(40)	82	13	75	22
		74	8	80	30(108)	27	27	69	69	8	74	30	80(251)
85.3	11.9	68	68	27	27	86	41	49	15(40)	82	12	75	21
		74	7	80	29(108)	26	26	69	69	7	74	29	80(251)
91.9	10.1	68	68	26	26	86	40	49	13(40)	83	10	75	20
		74	6	80	28(108)	25	25	69	69	6	74	28	81(251)
98.4	8.6	68	68	25	25	87	39	49	12(41)	83	9	75	19
		74	4	81	28(109)	24	24	69	69	4	73	28	81(250)
105.0	7.1	68	68	25	25	87	38	49	11(41)	83	8	75	19
		74	3	81	27(109)	24	24	69	69	3	73	28	81(250)
111.5	6.0	68	68	24	24	88	37	49	10(41)	84	7	76	17
		74	2	82	26(109)	22	22	69	69	2	74	27	82(250)
118.1	4.9	68	68	23	23	88	37	49	9(41)	84	6	76	17
		75	1	82	26(109)	22	22	70	70	0	74	26	82(250)
124.7	3.5	68	68	23	23	87	37	48	9(41)	83	6	75	17
		74	1	81	26(109)	22	22	69	69	1	73	26	82(250)
131.2	2.6	68	68	22	22	88	36	48	9(41)	84	5	76	16
		74	0	82	25(109)	21	21	69	69	0	73	25	82(250)

HA=161.4 HI= 29.5 GGW= 48.7 SL= 0.0 MAX(A,B,C,D)= 8.2 6.9 7.6 7.7

Main boom and fixed jib (jib angle 40.0 degrees)

Length of main boom = 166.0 ft Length of jib = 29.5 ft

Main boom sequence = 0-45-90-90-90-90 % LK = 68

Counterweight = 48.7 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
	1(0)		2(...)		3(90)		6(...)						
A	B	C	D	A	B	C	D	A	B	C	D		
59.1	19.2	65	65	34	34	78	46	49	25(37)	76	22	70	29
	70	19	74	35(108)	33	33	65	65	19	69	35	74(251)	
65.6	19.0	69	69	30	30	86	43	50	18(39)	83	15	75	24
	73	11	81	33(112)	29	29	69	69	10	72	34	81(247)	
72.2	16.1	69	69	28	28	86	42	50	16(40)	83	14	75	22
	75	9	80	30(108)	28	28	69	69	9	74	31	80(251)	
78.7	13.4	68	68	27	27	86	41	49	15(40)	83	12	75	22
	75	8	80	29(108)	27	27	69	69	7	74	30	80(251)	
85.3	11.2	68	68	26	26	86	40	49	14(40)	83	11	75	21
	74	6	80	28(108)	26	26	69	69	6	74	29	80(251)	
91.9	9.5	68	68	26	26	87	39	49	13(40)	83	10	75	19
	75	5	81	28(108)	25	25	69	69	5	74	28	81(251)	
98.4	7.9	68	68	25	25	88	38	49	11(41)	84	8	76	19
	74	3	81	27(109)	24	24	69	69	3	74	28	82(250)	
105.0	6.4	68	68	24	24	87	38	49	11(41)	83	8	76	18
	74	2	81	27(109)	23	23	69	69	2	73	27	82(250)	
111.5	5.1	68	68	24	24	88	37	49	10(41)	83	7	76	17
	74	2	82	26(109)	22	22	69	69	1	73	27	82(250)	
118.1	4.0	68	68	23	23	88	37	48	9(41)	84	6	76	17
	74	0	82	26(109)	22	22	69	69	0	74	26	82(250)	
124.7	2.9	68	68	22	22	88	36	48	9(41)	84	5	76	16
	74	0	82	25(109)	21	21	69	69	0	73	25	83(250)	

HA=166.0 HI= 29.5 GGW= 48.7 SL= 0.0 MAX(A,B,C,D)= 8.2 6.9 7.6 7.7

Main boom and fixed jib (jib angle 40.0 degrees)

Length of main boom = 175.5 ft Length of jib = 29.5 ft

Main boom sequence = 0-45-100-100-100-100 % LK = 69

Counterweight = 48.7 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
	1(0)		2(...)		3(90)		6(...)						
A	B	C	D	A	B	C	D	A	B	C	D		
59.1	19.2	65	65	34	34	78	46	49	25(37)	76	22	70	29
	70	19	74	35(108)	33	33	65	65	19	69	35	74(251)	
65.6	18.3	68	68	30	30	84	44	49	19(38)	81	17	74	25
	72	12	79	33(111)	30	30	69	69	12	72	34	79(248)	
72.2	15.9	69	69	28	28	86	43	49	17(39)	82	14	75	23
	75	10	80	30(107)	28	28	69	69	9	75	30	80(252)	
78.7	13.4	68	68	27	27	86	41	49	15(40)	83	13	75	22
	75	8	80	29(108)	27	27	69	69	7	74	30	80(251)	
85.3	11.2	68	68	27	27	86	40	49	14(40)	82	11	75	21
	74	6	80	28(108)	26	26	69	69	6	74	29	80(251)	
91.9	9.3	68	68	26	26	86	40	49	13(40)	82	10	75	20
	74	6	80	28(108)	25	25	69	69	6	73	28	80(251)	
98.4	7.7	68	68	25	25	86	39	48	12(40)	83	9	75	19
	74	4	80	27(108)	24	24	69	69	4	74	28	81(251)	

105.0	6.2	67	67	25	25	86	38	49	12(41)	82	8	75	19
		73	3	80	27(109)	23	23	69	69	3	73	28	81(250)
111.5	5.1	68	68	24	24	87	37	49	10(41)	83	7	76	17
		74	2	81	26(109)	22	22	69	69	2	73	27	82(250)
118.1	3.7	67	67	24	24	87	37	48	10(41)	83	7	75	17
		73	1	81	26(109)	22	22	69	69	1	73	27	81(250)
124.7	2.9	68	68	23	23	88	36	48	9(41)	84	6	76	16
		74	0	82	25(109)	21	21	69	69	0	73	26	82(250)

HA=175.5 HI= 29.5 GGW= 48.7 SL= 0.0 MAX(A,B,C,D)= 8.2 6.9 7.6 7.6

Main boom and fixed jib (jib angle 40.0 degrees)

Length of main boom = 180.1 ft Length of jib = 29.5 ft

Main boom sequence = 0-90-90-90-90-90 % LK = 73

Counterweight = 48.7 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
	1(0)		2(...)		3(90)		6(...)						
	A	B	C	D	A	B	C	D	A	B	C	D	
59.1	19.4	66	66	33	33	80	45	50	23(38)	77	21	71	28
		71	17	75	35(109)	32	32	66	66	17	70	35	76(250)
65.6	17.6	68	68	30	30	84	44	49	19(38)	81	16	74	24
		72	12	79	33(111)	30	30	68	68	11	71	34	79(248)
72.2	14.8	68	68	29	29	84	42	49	17(39)	81	15	74	23
		71	10	80	32(112)	28	28	68	68	9	71	33	80(247)
78.7	12.3	68	68	28	28	85	41	49	16(39)	81	13	74	22
		74	9	79	29(107)	27	27	68	68	8	73	30	79(252)
85.3	10.1	67	67	27	27	85	40	49	15(40)	81	12	74	21
		73	7	79	29(108)	26	26	68	68	7	73	29	79(251)
91.9	8.4	67	67	26	26	85	39	49	13(40)	82	11	74	20
		73	6	80	28(108)	25	25	68	68	6	73	28	80(251)
98.4	6.6	67	67	26	26	85	39	48	13(40)	81	10	74	20
		73	5	79	27(108)	24	24	68	68	5	73	28	80(251)
105.0	5.3	67	67	25	25	86	38	48	12(40)	82	9	75	19
		73	4	80	27(108)	23	23	68	68	3	73	27	80(251)
111.5	4.0	67	67	24	24	86	37	48	11(41)	82	8	75	18
		73	3	80	27(109)	23	23	68	68	2	72	27	80(250)
118.1	2.9	67	67	24	24	86	37	48	10(41)	82	7	75	17
		73	2	80	26(109)	22	22	68	68	1	72	27	81(250)

HA=180.1 HI= 29.5 GGW= 48.7 SL= 0.0 MAX(A,B,C,D)= 8.0 6.8 7.5 7.5

Main boom and fixed jib (jib angle 40.0 degrees)

Length of main boom = 191.9 ft Length of jib = 29.5 ft

Main boom sequence = 0-100-100-100-100-100 % LK = 74

Counterweight = 48.7 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
	1(0)		2(...)		3(90)		6(...)						
	A	B	C	D	A	B	C	D	A	B	C	D	
65.6	17.2	67	67	30	30	83	44	49	19(38)	80	17	73	25
		71	12	78	33(111)	30	30	68	68	12	71	34	78(248)

72.2	14.3	67	67	29	29	83	43	49	18(38)	80	15	73	24
		71	11	78	32(111)	28	28	68	68	10	71	33	79(248)
78.7	11.9	67	67	28	28	84	42	49	17(39)	80	14	73	22
		73	9	78	30(107)	27	27	68	68	9	73	30	78(252)
85.3	9.7	67	67	27	27	83	41	48	16(39)	80	13	73	22
		73	8	78	29(107)	26	26	68	68	8	72	29	78(252)
91.9	7.9	67	67	26	26	84	40	48	15(39)	80	11	73	21
		73	7	78	28(107)	25	25	68	68	7	73	28	78(252)
98.4	6.4	67	67	26	26	84	39	48	13(40)	81	10	74	20
		73	6	79	28(108)	24	24	68	68	5	72	28	79(251)
105.0	4.9	66	66	25	25	84	39	48	13(40)	81	10	73	19
		72	5	79	27(108)	24	24	67	67	5	72	28	79(251)
111.5	3.7	67	67	24	24	85	38	47	12(40)	81	8	74	18
		73	3	79	26(108)	23	23	68	68	3	72	27	80(251)
118.1	2.6	67	67	24	24	86	37	48	11(41)	82	7	74	18
		72	2	80	26(109)	22	22	68	68	2	72	27	80(250)

 HA=191.9 HI= 29.5 GGW= 48.7 SL= 0.0 MAX(A,B,C,D)= 7.9 6.8 7.4 7.4

Main boom and fixed jib (jib angle 40.0 degrees)
 Length of main boom = 193.9 ft Length of jib = 29.5 ft
 Main boom sequence = 45-90-90-90-90-90 % LK = 76
 Counterweight = 48.7 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
	1(0)				2(...)								
	4(...)				5(180)				6(...)				
	A	B	C	D	A	B	C	D	A	B	C	D	
65.6	15.9	67	67	30	30	82	43	50	20(40)	79	17	72	25
		71	13	77	33(110)	30	30	67	67	13	70	34	77(249)
72.2	13.0	66	66	29	29	82	43	48	19(38)	79	16	72	24
		70	11	77	32(111)	29	29	67	67	11	70	33	78(248)
78.7	10.6	66	66	28	28	82	42	48	17(38)	79	14	72	23
		70	9	78	32(111)	28	28	67	67	9	70	32	78(248)
85.3	8.6	66	66	27	27	83	41	48	16(39)	80	13	73	22
		72	8	77	29(107)	26	26	67	67	8	72	29	78(252)
91.9	6.8	66	66	26	26	83	40	47	15(39)	80	11	73	21
		73	7	78	28(107)	25	25	67	67	7	72	28	78(252)
98.4	5.1	66	66	26	26	83	39	47	14(39)	80	11	73	20
		72	6	77	27(107)	25	25	67	67	6	71	28	78(252)
105.0	3.7	66	66	25	25	83	38	47	13(40)	80	10	73	19
		72	5	78	27(108)	24	24	67	67	5	71	28	78(251)
111.5	2.4	65	65	25	25	83	38	47	12(40)	80	9	73	19
		72	4	78	27(108)	23	23	67	67	4	71	27	78(251)

 HA=193.9 HI= 29.5 GGW= 48.7 SL= 0.0 MAX(A,B,C,D)= 7.7 6.7 7.3 7.3

Main boom and fixed jib (jib angle 40.0 degrees)
 Length of main boom = 205.7 ft Length of jib = 29.5 ft
 Main boom sequence = 45-100-100-100-100-100 % LK = 77
 Counterweight = 48.7 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.
	1(0)				2(...)				
	3(90)								

	4(...)				5(180)				6(...)				
	A	B	C	D	A	B	C	D	A	B	C	D	
72.2	12.6	66	66	30	30	80	43	48	19(37)	78	17	71	25
	70	12	76	32(110)	29	29	66	66	12	69	33	77(249)	
78.7	10.1	65	65	29	29	81	42	48	18(38)	78	15	71	24
	69	11	77	32(111)	28	28	66	66	11	69	32	77(248)	
85.3	8.2	65	65	28	28	81	41	47	17(38)	78	14	72	22
	72	10	76	29(106)	27	27	66	66	9	71	29	76(253)	
91.9	6.4	65	65	27	27	82	40	47	16(39)	78	13	72	22
	71	8	77	28(107)	26	26	66	66	8	71	29	77(252)	
98.4	4.9	65	65	26	26	82	39	47	15(39)	79	11	72	21
	71	7	77	28(107)	25	25	67	67	7	71	28	77(252)	
105.0	3.5	65	65	26	26	82	39	47	14(39)	79	10	73	20
	72	6	77	27(107)	24	24	67	67	6	71	28	77(252)	
111.5	2.2	65	65	25	25	82	38	47	13(40)	79	10	72	19
	71	5	77	27(108)	24	24	67	67	5	71	28	78(251)	

HA=205.7 HI= 29.5 GGW= 48.7 SL= 0.0 MAX(A,B,C,D)= 7.7 6.6 7.2 7.2

Main boom and fixed jib (jib angle 40.0 degrees)
Length of main boom = 208.0 ft Length of jib = 29.5 ft
Main boom sequence = 90-90-90-90-90-90 % LK = 78
Counterweight = 48.7 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
	1(0)				2(...)					3(90)			
	4(...)				5(180)				6(...)				
	A	B	C	D	A	B	C	D	A	B	C	D	
72.2	11.5	65	65	30	30	80	43	47	20(37)	77	17	71	25
	69	13	76	32(110)	29	29	66	66	12	69	33	76(249)	
78.7	9.0	65	65	29	29	80	42	47	18(38)	77	15	71	24
	69	11	76	32(110)	28	28	66	66	11	69	32	76(249)	
85.3	7.1	65	65	28	28	80	41	47	17(38)	78	14	71	23
	71	10	75	29(106)	27	27	66	66	10	71	29	76(253)	
91.9	5.3	65	65	27	27	80	41	47	16(38)	78	13	71	22
	71	9	76	28(106)	26	26	66	66	9	71	28	76(253)	
98.4	3.7	65	65	26	26	81	39	47	15(39)	78	12	71	21
	71	7	76	28(107)	25	25	66	66	7	70	28	76(252)	
105.0	2.4	65	65	26	26	82	39	47	14(39)	78	11	72	20
	71	6	77	27(107)	24	24	66	66	6	71	28	77(252)	

HA=208.0 HI= 29.5 GGW= 48.7 SL= 0.0 MAX(A,B,C,D)= 7.6 6.6 7.1 7.1

HA=208.0 HI= 29.5 GGW= 48.7 SL= 0.0 MAX(A,B,C,D)= 0.0 0.0 0.0 0.0

Programm L A M O S 9 9 Version 1.08 vom 29.09.02
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H

DEMAG Mobile Cranes
O U T R I G G E R - L O A D I N G S
(Variance = +-10%)

PSI= 1.00

Crane : *** AC 200-1 *** mit HKHI fuer GA und MS

Outrigger width = 18.7 ft Outrigger length = 27.7 ft
Outrigger "A" X = 12.0 ft Outrigger "A" Y = 9.4 ft
Outrigger "B" X = 12.0 ft Outrigger "B" Y = -9.4 ft
Outrigger "C" X = -15.7 ft Outrigger "C" Y = 9.4 ft
Outrigger "D" X = -15.7 ft Outrigger "D" Y = -9.4 ft

Main boom and fixed jib (jib angle 0.0 degrees)
Length of main boom = 40.7 ft Length of jib = 29.5 ft
Main boom sequence = 0-0-0-0-0-0 % LK = 1
Counterweight = 39.7 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.						
	1(0)				2(...)				3(90)						
	4(...)				5(180)				6(...)						
	A	B	C	D	A	B	C	D	A	B	C	D			
9.8	39.7	46	46	58	58	40	58	48	62	(59)	41	63	44	60	
		48	65	41	54	(128)	59	59	45	45	65	48	54	41	(232)
11.5	39.7	48	48	57	57	43	57	49	60	(59)	44	60	46	58	
		49	62	44	54	(128)	57	57	47	47	62	49	54	44	(232)
13.1	39.7	49	49	55	55	46	55	50	57	(59)	47	58	48	56	
		50	58	47	53	(128)	56	56	49	49	58	50	53	47	(232)
14.8	39.7	51	51	53	53	49	54	51	54	(59)	50	55	50	54	
		51	55	50	52	(128)	54	54	50	50	55	51	52	50	(232)
16.4	39.7	52	52	52	52	53	52	52	52	(59)	52	52	52	52	
		52	52	52	52	(127)	52	52	52	52	52	52	52	52	(232)
19.7	39.7	56	56	49	49	59	49	54	47	(59)	58	47	56	48	
		55	46	58	50	(128)	49	49	55	55	46	55	50	58	(232)
23.0	39.7	59	59	45	45	65	46	56	41	(59)	63	41	61	43	
		63	41	61	43	(90)	46	46	59	59	41	63	43	61	(270)
26.2	38.6	62	62	42	42	66	56	47	39	(20)	68	36	64	39	
		67	36	64	40	(93)	43	43	61	61	35	67	40	64	(266)
29.5	35.3	62	62	40	40	69	53	47	35	(26)	69	33	65	37	
		68	31	66	39	(98)	40	40	62	62	31	67	39	67	(261)
32.8	31.7	62	62	38	38	70	51	47	32	(29)	70	30	65	35	
		68	28	67	37	(100)	38	38	62	62	28	67	37	67	(259)
39.4	27.1	63	63	35	35	74	47	48	27	(34)	73	25	67	31	
		68	22	71	35	(105)	35	35	63	63	22	68	36	71	(254)
45.9	23.4	64	64	32	32	77	44	48	23	(37)	75	21	69	28	
		69	17	73	34	(108)	32	32	65	65	17	68	34	73	(251)
52.5	20.7	65	65	29	29	80	42	48	19	(38)	78	16	71	24	
		70	12	76	32	(110)	28	28	66	66	11	69	32	77	(249)
59.1	18.1	66	66	27	27	83	41	48	16	(39)	80	13	73	22	
		73	8	78	29	(107)	26	26	67	67	8	72	29	78	(252)

HA= 40.7 HI= 29.5 GGW= 39.7 SL= 0.0 MAX(A,B,C,D)= 7.7 6.7 7.2 7.2

Main boom and fixed jib (jib angle 0.0 degrees)
Length of main boom = 54.5 ft Length of jib = 29.5 ft
Main boom sequence = 0-0-0-0-0-45 % LK = 7

Counterweight = 39.7 kip

Radius Cap. [ft]	Cap. [kip]	Outrigger Loadin[kip]								(Pos.[Degrees])				0-360 Degr.	
		1(0)		2(...)		3(90)		4(...)		5(180)		6(...)			
		A	B	C	D	A	B	C	D	A	B	C	D		
9.8	39.7	46	46	59	59	39	59	48	63	(59)	41	64	43	61	
		48	65	41	55(128)	59	59	45	45		65	48	55	41(232)	
11.5	39.7	47	47	57	57	42	57	49	60	(59)	44	61	45	58	
		49	62	44	54(128)	58	58	47	47		62	49	54	44(232)	
13.1	39.7	49	49	56	56	45	56	50	58	(59)	47	58	47	56	
		50	59	46	53(128)	56	56	49	49		59	50	53	46(232)	
14.8	39.7	50	50	54	54	49	54	51	55	(59)	49	56	50	54	
		51	56	49	53(128)	54	54	50	50		56	51	53	49(232)	
16.4	39.7	52	52	52	52	52	53	52	52	(59)	52	53	52	52	
		52	53	51	52(127)	53	53	52	52		53	52	52	51(232)	
19.7	39.7	55	55	49	49	58	50	54	47	(59)	57	47	56	48	
		54	47	57	51(128)	49	49	55	55		47	54	51	57(232)	
23.0	39.7	58	58	46	46	64	47	56	42	(59)	63	42	60	44	
		63	42	60	44(90)	46	46	58	58		42	63	44	60(270)	
26.2	39.7	62	62	43	43	66	56	47	39	(20)	68	37	64	40	
		68	36	64	40(92)	43	43	61	61		36	67	41	64(267)	
29.5	39.7	65	65	39	39	74	52	49	33	(31)	73	31	68	36	
		70	29	70	39(102)	40	40	65	65		29	70	39	70(257)	
32.8	37.3	66	66	37	37	77	50	50	29	(34)	76	28	70	33	
		71	25	73	37(105)	37	37	66	66		24	71	38	73(254)	
39.4	32.2	67	67	34	34	81	46	50	24	(38)	78	22	72	29	
		71	18	76	35(109)	33	33	67	67		18	71	36	76(250)	
45.9	27.8	68	68	31	31	84	43	50	20	(40)	80	17	73	25	
		72	13	78	34(111)	30	30	68	68		13	71	34	79(248)	
52.5	24.3	68	68	28	28	86	42	49	16	(39)	82	14	75	22	
		75	9	80	30(107)	28	28	69	69		9	74	30	80(252)	
59.1	19.8	67	67	27	27	84	41	48	15	(39)	81	13	74	22	
		73	8	78	29(107)	26	26	68	68		8	73	29	79(252)	
65.6	16.5	66	66	26	26	83	40	47	14	(39)	80	11	73	21	
		73	7	78	28(107)	25	25	67	67		7	72	28	78(252)	
72.2	13.9	66	66	26	26	83	38	48	13	(40)	80	10	73	20	
		72	5	78	27(108)	24	24	67	67		5	71	28	78(251)	

HA= 54.5 HI= 29.5 GGW= 39.7 SL= 0.0 MAX(A,B,C,D)= 7.9 6.9 7.4 7.4

Main boom and fixed jib (jib angle 0.0 degrees)

Length of main boom = 68.6 ft Length of jib = 29.5 ft

Main boom sequence = 0-0-0-0-0-90 % LK = 13

Counterweight = 39.7 kip

Radius Cap. [ft]	Cap. [kip]	Outrigger Loadin[kip]								(Pos.[Degrees])				0-360 Degr.	
		1(0)		2(...)		3(90)		4(...)		5(180)		6(...)			
		A	B	C	D	A	B	C	D	A	B	C	D		
13.1	39.7	49	49	56	56	45	56	50	58	(59)	46	59	47	57	
		50	60	46	53(128)	56	56	48	48		60	50	53	46(232)	
14.8	39.7	50	50	54	54	48	54	51	56	(59)	49	56	49	55	
		51	57	48	53(128)	54	54	50	50		57	51	53	48(232)	

16.4	39.7	52	52	52	52	51	53	52	53(59)	51	53	51	53
		52	54	51	52(127)	53	53	51	51	54	52	52	51(232)
19.7	39.7	55	55	49	49	57	50	53	48(59)	57	48	55	49
		54	47	56	51(128)	50	50	54	54	47	54	51	56(232)
23.0	39.7	58	58	46	46	63	47	55	43(59)	62	43	59	45
		62	43	59	45(90)	47	47	58	58	43	62	45	59(270)
26.2	38.4	60	60	43	43	63	57	46	41(13)	66	38	62	41
		66	38	62	41(90)	44	44	60	60	38	66	41	62(270)
29.5	35.7	61	61	41	41	67	54	47	37(22)	68	35	64	38
		67	34	65	39(95)	41	41	61	61	34	67	39	65(264)
32.8	33.1	62	62	39	39	69	52	47	34(27)	69	32	65	36
		67	30	67	38(99)	39	39	62	62	30	67	38	67(260)
39.4	29.1	63	63	36	36	74	48	48	28(34)	73	26	68	32
		69	23	71	36(105)	35	35	64	64	23	68	36	71(254)
45.9	25.6	65	65	33	33	78	45	49	24(37)	76	21	70	28
		69	17	74	34(108)	32	32	65	65	17	69	35	74(251)
52.5	22.3	65	65	30	30	80	42	49	20(39)	77	18	71	26
		69	13	76	33(110)	30	30	66	66	13	69	33	76(249)
59.1	20.3	67	67	28	28	83	41	48	16(39)	80	13	73	22
		73	9	78	29(107)	27	27	68	68	9	73	30	78(252)
65.6	17.2	66	66	27	27	83	40	48	15(39)	80	12	73	21
		73	7	78	28(107)	26	26	67	67	7	72	29	78(252)
72.2	14.3	65	65	26	26	82	39	47	15(39)	79	11	72	21
		72	7	77	28(107)	25	25	67	67	7	71	28	77(252)
78.7	12.3	65	65	25	25	83	38	47	13(40)	79	10	73	20
		71	5	78	27(108)	24	24	67	67	5	71	28	78(251)
85.3	10.6	65	65	24	24	83	37	47	12(40)	79	9	73	19
		71	4	78	26(108)	23	23	67	67	4	71	27	78(251)

 HA= 68.6 HI= 29.5 GGW= 39.7 SL= 0.0 MAX(A,B,C,D)= 7.7 6.7 7.2 7.3

Main boom and fixed jib (jib angle 0.0 degrees)
 Length of main boom = 70.2 ft Length of jib = 29.5 ft
 Main boom sequence = 0-0-0-0-100 % LK = 14
 Counterweight = 39.7 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.			
		1(0)		2(...)		3(90)		6(...)					
		A	B	C	D	A	B	C	D				
13.1	39.7	49	49	56	56	45	56	50	58(59)	46	59	47	57
		50	60	46	53(128)	56	56	48	48	60	50	53	46(232)
14.8	39.7	50	50	54	54	48	54	51	56(59)	49	56	49	55
		51	57	48	53(128)	55	55	50	50	57	51	53	48(232)
16.4	39.7	52	52	53	53	51	53	52	53(59)	51	53	51	53
		52	54	51	52(127)	53	53	51	51	54	52	52	51(232)
19.7	39.7	55	55	49	49	57	50	53	48(59)	57	48	55	49
		54	47	56	51(128)	50	50	54	54	47	54	51	56(232)
23.0	38.1	57	57	47	47	62	47	54	43(59)	60	43	58	45
		56	42	60	50(128)	47	47	57	57	42	56	50	60(232)
26.2	35.3	58	58	44	44	64	45	55	40(59)	62	40	60	42
		62	40	60	42(90)	44	44	58	58	40	62	42	60(270)
29.5	32.4	58	58	42	42	61	55	45	40(12)	64	37	61	40
		64	37	61	40(90)	42	42	58	58	37	64	40	61(270)

32.8	29.8	59	59	41	41	63	53	45	37(19)	65	34	62	38
		65	34	62	38(92)	40	40	59	59	34	65	38	62(267)
39.4	25.8	60	60	37	37	68	50	46	32(28)	68	29	64	34
		66	27	66	36(100)	37	37	61	61	27	65	37	66(259)
45.9	22.7	61	61	35	35	72	47	46	27(33)	71	24	66	31
		67	22	69	35(104)	34	34	62	62	22	66	35	69(255)
52.5	19.6	62	62	32	32	74	44	47	24(36)	72	21	67	28
		67	18	71	34(107)	32	32	63	63	18	66	34	71(252)
59.1	17.9	63	63	30	30	78	41	48	20(39)	75	17	69	25
		68	13	74	32(109)	29	29	64	64	13	67	32	74(250)
65.6	16.3	65	65	28	28	80	41	47	17(38)	78	14	71	22
		71	10	76	29(106)	27	27	66	66	9	71	29	76(253)
72.2	14.6	65	65	26	26	82	39	47	14(39)	79	11	73	21
		72	7	77	28(107)	25	25	67	67	6	71	28	78(252)
78.7	12.3	65	65	26	26	82	39	47	13(39)	79	10	72	20
		72	6	77	27(107)	24	24	67	67	5	71	27	77(252)
85.3	10.6	65	65	25	25	83	37	47	12(40)	79	9	72	19
		71	4	78	27(108)	23	23	67	67	4	71	27	78(251)

HA= 70.2 HI= 29.5 GGW= 39.7 SL= 0.0 MAX(A,B,C,D)= 7.7 6.6 7.2 7.2

Main boom and fixed jib (jib angle 0.0 degrees)

Length of main boom = 82.3 ft Length of jib = 29.5 ft

Main boom sequence = 0-0-0-0-45-90 % LK = 20

Counterweight = 39.7 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
	1(0)		2(...)		3(90)		6(...)						
	A	B	C	D	A	B	C	D					
16.4	39.7	52	52	53	53	51	53	52	53(59)	51	53	51	53
		52	54	51	52(127)	53	53	51	51	54	52	52	51(232)
19.7	39.7	55	55	49	49	57	50	53	48(59)	57	48	55	49
		54	47	56	51(128)	50	50	54	54	47	54	51	56(232)
23.0	39.7	58	58	46	46	63	47	55	43(59)	62	43	59	45
		62	43	59	45(90)	47	47	58	58	43	62	45	59(270)
26.2	39.7	61	61	43	43	65	56	47	40(17)	67	37	63	41
		67	37	63	41(90)	43	43	61	61	37	67	41	63(269)
29.5	38.6	63	63	40	40	71	53	49	35(28)	71	33	66	37
		69	31	68	39(99)	41	41	63	63	31	69	39	68(260)
32.8	36.2	64	64	38	38	74	51	49	31(32)	73	29	68	34
		70	27	71	38(103)	38	38	64	64	27	69	38	71(256)
39.4	31.3	65	65	35	35	78	47	49	26(36)	76	24	70	30
		70	21	74	36(107)	34	34	66	66	20	70	36	74(252)
45.9	28.0	67	67	31	31	82	43	50	21(40)	80	19	73	26
		71	14	77	34(110)	31	31	67	67	14	71	34	78(249)
52.5	25.1	69	69	28	28	86	43	49	17(39)	82	14	75	23
		75	9	80	30(107)	28	28	69	69	9	75	30	80(252)
59.1	20.5	67	67	28	28	84	41	48	16(39)	80	13	73	22
		73	9	78	29(107)	27	27	68	68	9	73	30	78(252)
65.6	17.2	66	66	27	27	83	40	48	15(39)	80	12	73	21
		73	8	78	28(107)	26	26	67	67	7	72	29	78(252)
72.2	14.6	65	65	26	26	82	39	47	14(39)	79	11	73	21
		72	7	77	28(107)	25	25	67	67	6	71	28	78(252)

78.7 12.3 65 65 26 26 82 39 47 13(39) 79 10 72 20
 72 6 77 27(107) 24 24 67 67 5 71 27 77(252)
 85.3 10.4 65 65 25 25 82 38 46 13(39) 78 9 72 19
 71 5 77 26(107) 23 23 66 66 5 71 27 77(252)
 91.9 9.0 65 65 24 24 83 37 47 12(40) 79 8 73 18
 71 3 78 26(108) 22 22 67 67 3 70 26 78(251)
 98.4 7.7 65 65 23 23 83 36 46 11(40) 79 7 73 17
 71 2 78 25(108) 22 22 67 67 2 70 26 78(251)

 HA= 82.3 HI= 29.5 GGW= 39.7 SL= 0.0 MAX(A,B,C,D)= 7.9 6.9 7.4 7.4

Main boom and fixed jib (jib angle 0.0 degrees)
 Length of main boom = 84.0 ft Length of jib = 29.5 ft
 Main boom sequence = 0-0-0-0-45-100 % LK = 21
 Counterweight = 39.7 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
	1(0)		2(...)		3(90)		4(...)						
	A	B	C	D	A	B	C	D		A	B	C	D
16.4	39.7	52	52	53	53	51	53	52	53(59)	51	54	51	53
		52	54	51	52(127)	53	53	51	51	54	52	52	51(232)
19.7	39.7	55	55	49	49	57	50	53	48(59)	56	48	55	49
		54	48	56	51(128)	50	50	54	54	48	54	51	56(232)
23.0	39.7	58	58	46	46	63	47	55	43(59)	62	43	59	45
		62	43	59	45(90)	47	47	58	58	43	62	45	59(270)
26.2	36.8	59	59	44	44	60	57	45	43(7)	64	39	61	42
		64	39	61	42(90)	44	44	59	59	39	64	42	61(270)
29.5	34.4	60	60	42	42	65	54	46	38(19)	66	35	63	39
		66	35	63	39(91)	42	42	60	60	35	66	39	63(268)
32.8	32.2	61	61	40	40	67	52	47	35(25)	68	32	64	37
		67	31	65	38(97)	39	39	61	61	31	67	38	65(262)
39.4	27.8	62	62	36	36	71	49	47	30(32)	71	27	66	33
		67	25	69	36(103)	36	36	62	62	25	67	36	69(256)
45.9	24.7	63	63	34	34	76	45	48	25(36)	74	22	68	29
		68	19	72	34(107)	33	33	64	64	19	68	35	72(252)
52.5	22.3	65	65	31	31	80	43	49	21(39)	77	18	71	26
		69	14	75	33(110)	30	30	66	66	14	69	34	75(249)
59.1	19.8	66	66	28	28	82	42	48	17(38)	79	14	72	23
		70	10	78	32(111)	28	28	67	67	9	69	32	78(248)
65.6	17.2	66	66	27	27	83	40	48	15(39)	80	12	73	21
		72	8	77	28(107)	26	26	67	67	8	72	29	78(252)
72.2	14.6	65	65	26	26	82	39	47	15(39)	79	11	72	21
		72	7	77	28(107)	25	25	67	67	7	71	28	77(252)
78.7	12.3	65	65	26	26	82	39	47	14(39)	79	10	72	20
		71	6	77	27(107)	24	24	66	66	6	71	28	77(252)
85.3	10.6	65	65	25	25	82	37	47	13(40)	79	9	72	19
		71	4	77	27(108)	23	23	66	66	4	70	27	78(251)
91.9	9.0	65	65	24	24	82	37	47	12(40)	79	8	72	18
		71	4	77	26(108)	22	22	66	66	3	70	27	78(251)
98.4	7.7	65	65	24	24	83	37	46	11(40)	79	7	72	18
		71	2	78	26(108)	22	22	66	66	2	70	26	78(251)

 HA= 84.0 HI= 29.5 GGW= 39.7 SL= 0.0 MAX(A,B,C,D)= 7.7 6.7 7.2 7.2

 Main boom and fixed jib (jib angle 0.0 degrees)
 Length of main boom = 96.5 ft Length of jib = 29.5 ft
 Main boom sequence = 0-0-0-0-90-90 % LK = 28
 Counterweight = 39.7 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
		1(0)				2(...)					3(90)			
		4(...)				5(180)					6(...)			
A	B	C	D	A	B	C	D	A	B	C	D			
19.7	39.7	55	55	49	49	57	50	53	48	(59)	57	48	55	49
		54	47	56	51(128)	50	50	54	54		47	54	51	56(232)
23.0	39.7	58	58	46	46	63	47	55	43	(59)	62	43	59	45
		62	43	59	45(90)	47	47	58	58		43	62	45	59(270)
26.2	39.7	61	61	43	43	65	56	47	40	(17)	67	37	63	41
		67	37	63	41(90)	44	44	61	61		37	67	41	63(269)
29.5	39.0	64	64	40	40	72	53	49	35	(28)	72	33	67	37
		69	31	69	39(100)	41	41	63	63		31	69	39	69(259)
32.8	36.6	65	65	38	38	75	50	49	31	(33)	74	29	68	34
		70	26	71	38(104)	38	38	65	65		26	70	38	71(255)
39.4	32.6	67	67	34	34	80	46	50	24	(38)	78	23	71	29
		72	19	76	35(108)	34	34	67	67		19	71	36	76(251)
45.9	28.7	68	68	31	31	84	43	51	20	(40)	81	18	73	26
		72	13	78	34(111)	31	31	68	68		13	71	34	79(248)
52.5	25.1	69	69	28	28	86	43	49	17	(39)	82	14	75	23
		75	10	80	30(107)	28	28	69	69		9	75	30	80(252)
59.1	20.7	67	67	28	28	84	41	49	16	(39)	81	13	74	22
		74	9	78	29(107)	27	27	68	68		8	73	30	79(252)
65.6	17.2	66	66	27	27	83	40	48	15	(39)	80	12	73	21
		72	8	78	28(107)	26	26	67	67		8	72	29	78(252)
72.2	14.6	65	65	26	26	82	39	47	14	(39)	79	11	73	21
		72	7	77	28(107)	25	25	67	67		6	71	28	78(252)
78.7	12.3	65	65	26	26	82	39	47	14	(39)	79	10	72	20
		72	6	77	27(107)	24	24	67	67		6	71	27	77(252)
85.3	10.4	65	65	25	25	82	38	46	13	(39)	78	9	72	19
		71	5	77	26(107)	24	24	66	66		5	71	27	77(252)
91.9	8.8	64	64	24	24	82	37	47	12	(40)	78	9	72	19
		70	4	77	26(108)	23	23	66	66		4	70	27	77(251)
98.4	7.7	65	65	24	24	83	37	46	11	(40)	79	7	73	18
		71	2	78	26(108)	22	22	67	67		2	70	26	78(251)
105.0	6.6	65	65	23	23	83	36	46	10	(40)	80	6	73	17
		71	1	78	25(108)	21	21	67	67		1	71	25	78(251)
111.5	5.5	65	65	22	22	84	35	47	9	(41)	80	6	73	16
		70	0	78	25(109)	21	21	67	67		0	70	26	78(250)

 HA= 96.5 HI= 29.5 GGW= 39.7 SL= 0.0 MAX(A,B,C,D)= 7.9 6.9 7.4 7.4

Main boom and fixed jib (jib angle 0.0 degrees)
 Length of main boom = 100.4 ft Length of jib = 29.5 ft
 Main boom sequence = 0-0-0-0-100-100 % LK = 29
 Counterweight = 39.7 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
		1(0)				2(...)					3(90)			

	4(...)				5(180)				6(...)					
	A	B	C	D	A	B	C	D	A	B	C	D		
23.0	39.7	58	58	46	46	63	47	55	43	(59)	62	43	59	45
		62	43	59	45	(90)	47	47	58	58	43	62	45	59(270)
26.2	37.7	60	60	44	44	62	57	46	42	(10)	65	39	62	41
		65	39	62	41	(90)	44	44	59	59	39	65	41	62(270)
29.5	35.3	61	61	41	41	66	54	47	38	(21)	67	35	63	39
		67	35	64	39	(93)	41	41	61	61	34	67	39	64(266)
32.8	32.6	61	61	39	39	68	52	47	34	(26)	69	32	64	36
		67	31	66	38	(98)	39	39	61	61	30	67	38	66(261)
39.4	28.9	63	63	36	36	73	48	48	28	(33)	72	26	67	32
		68	24	70	36	(104)	35	35	63	63	23	68	36	70(255)
45.9	25.4	64	64	33	33	77	45	49	24	(37)	75	22	69	29
		69	18	73	34	(108)	32	32	65	65	18	68	35	73(251)
52.5	22.3	65	65	31	31	80	43	49	21	(39)	77	18	71	26
		69	14	75	33	(110)	30	30	66	66	14	69	34	75(249)
59.1	20.3	67	67	28	28	83	41	48	17	(39)	80	14	73	22
		73	9	78	30	(107)	27	27	67	67	9	72	30	78(252)
65.6	17.2	66	66	27	27	83	40	48	15	(39)	80	12	73	21
		72	8	77	28	(107)	26	26	67	67	8	72	29	78(252)
72.2	14.6	65	65	26	26	82	39	47	15	(39)	79	11	72	21
		72	7	77	28	(107)	25	25	67	67	7	71	28	77(252)
78.7	12.3	65	65	26	26	82	39	47	14	(39)	79	10	72	20
		71	6	77	27	(107)	24	24	66	66	6	71	28	77(252)
85.3	10.6	65	65	25	25	82	37	47	13	(40)	79	9	72	19
		71	5	77	27	(108)	23	23	66	66	4	70	27	78(251)
91.9	9.0	65	65	24	24	82	37	47	12	(40)	79	8	72	18
		71	4	77	26	(108)	23	23	66	66	3	70	27	78(251)
98.4	7.7	65	65	24	24	83	37	46	11	(40)	79	7	72	18
		71	3	78	26	(108)	22	22	66	66	2	70	26	78(251)
105.0	6.6	65	65	23	23	83	36	46	10	(40)	79	6	73	17
		71	2	78	25	(108)	21	21	67	67	1	70	26	78(251)
111.5	5.5	64	64	23	23	83	36	46	10	(40)	79	6	73	17
		71	1	78	25	(108)	21	21	66	66	1	70	25	78(251)

HA=100.4 HI= 29.5 GGW= 39.7 SL= 0.0 MAX(A,B,C,D)= 7.7 6.7 7.3 7.3

Main boom and fixed jib (jib angle 0.0 degrees)
 Length of main boom = 110.2 ft Length of jib = 29.5 ft
 Main boom sequence = 0-0-0-45-90-90 % LK = 36
 Counterweight = 39.7 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.					
	1(0)				2(...)									
	4(...)				5(180)				6(...)					
	A	B	C	D	A	B	C	D	A	B	C	D		
23.0	39.7	58	58	46	46	64	47	55	43	(59)	62	43	60	44
		62	43	60	44	(90)	47	47	58	58	43	62	44	60(270)
26.2	39.7	62	62	43	43	66	56	47	40	(18)	68	37	64	40
		67	37	64	41	(91)	43	43	61	61	37	67	41	64(268)
29.5	39.7	65	65	40	40	73	53	49	34	(30)	73	32	68	36
		70	30	70	39	(101)	40	40	64	64	30	70	39	70(258)
32.8	37.9	66	66	37	37	78	50	50	29	(35)	76	28	70	33
		71	25	73	38	(106)	37	37	66	66	24	71	38	73(253)

39.4	33.7	68	68	33	33	83	46	51	23(39)	80	21	73	28
		73	17	78	35(110)	33	33	68	68	17	72	36	78(249)
45.9	30.4	70	70	30	30	88	44	50	17(39)	84	15	76	24
		74	10	82	33(112)	29	29	71	71	10	73	34	82(247)
52.5	24.7	69	69	28	28	86	42	49	17(39)	82	14	75	23
		75	9	80	30(107)	28	28	69	69	9	74	30	80(252)
59.1	20.3	67	67	28	28	84	41	48	16(39)	81	13	74	22
		73	8	78	29(107)	27	27	68	68	8	73	29	79(252)
65.6	16.8	66	66	27	27	83	40	48	15(39)	80	12	73	21
		72	7	78	28(107)	26	26	67	67	7	72	29	78(252)
72.2	14.1	65	65	26	26	82	39	47	14(39)	79	11	73	20
		72	6	77	27(107)	25	25	67	67	6	71	28	78(252)
78.7	11.9	65	65	25	25	82	39	47	13(39)	79	10	72	20
		71	6	77	27(107)	24	24	67	67	5	71	27	77(252)
85.3	10.1	65	65	25	25	83	37	47	12(40)	79	9	72	19
		71	4	78	26(108)	23	23	67	67	4	70	27	78(251)
91.9	8.6	65	65	24	24	83	37	47	11(40)	79	8	72	18
		71	3	78	26(108)	22	22	66	66	3	70	26	78(251)
98.4	7.3	65	65	23	23	83	36	46	11(40)	79	7	73	17
		71	2	78	25(108)	22	22	67	67	2	70	26	78(251)
105.0	6.2	65	65	23	23	84	35	47	10(41)	80	6	73	17
		71	1	78	25(109)	21	21	67	67	1	70	26	79(250)
111.5	5.1	65	65	22	22	84	35	46	9(41)	80	5	73	16
		70	0	78	25(109)	21	21	67	67	0	70	25	79(250)
118.1	4.2	65	65	22	22	84	34	46	8(41)	80	5	73	15
		70	0	80	24(109)	20	20	67	67	0	69	24	80(250)
124.7	3.3	65	65	21	21	84	34	46	8(41)	80	4	73	15
		69	0	80	23(109)	19	19	67	67	0	69	23	80(250)

 HA=110.2 HI= 29.5 GGW= 39.7 SL= 0.0 MAX(A,B,C,D)= 8.1 6.9 7.6 7.6

Main boom and fixed jib (jib angle 0.0 degrees)
 Length of main boom = 114.5 ft Length of jib = 29.5 ft
 Main boom sequence = 0-0-0-45-100-100 % LK = 37
 Counterweight = 39.7 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
	1(0)		2(...)		3(90)		6(...)						
	A	B	C	D	A	B	C	D					
26.2	38.4	60	60	43	43	64	57	46	41(14)	66	38	62	41
		66	38	62	41(90)	44	44	60	60	38	66	41	62(270)
29.5	35.9	62	62	41	41	68	54	47	36(24)	69	34	64	38
		67	33	65	39(96)	41	41	62	62	33	67	39	65(263)
32.8	33.7	63	63	39	39	71	51	48	33(29)	71	31	66	35
		68	29	68	38(101)	39	39	63	63	29	68	38	68(258)
39.4	29.5	64	64	35	35	75	47	49	27(35)	74	25	69	31
		69	22	72	36(106)	35	35	64	64	22	69	36	72(253)
45.9	26.7	66	66	32	32	80	44	50	22(39)	78	19	71	27
		71	15	76	34(109)	31	31	67	67	15	70	34	76(250)
52.5	23.8	67	67	29	29	84	42	49	18(39)	81	15	73	24
		71	10	79	32(111)	28	28	68	68	10	71	33	79(248)
59.1	20.3	67	67	28	28	84	41	48	16(39)	81	13	74	22
		73	9	78	29(107)	27	27	68	68	8	73	29	79(252)

65.6	16.8	66	66	27	27	83	40	48	15(39)	80	12	73	21
		72	8	77	28(107)	26	26	67	67	7	72	29	78(252)
72.2	14.1	65	65	26	26	82	39	47	14(39)	79	11	72	21
		72	7	77	28(107)	25	25	67	67	6	71	28	77(252)
78.7	11.9	65	65	26	26	82	39	47	14(39)	79	10	72	20
		71	6	77	27(107)	24	24	66	66	6	71	27	77(252)
85.3	10.1	65	65	25	25	82	37	47	13(40)	79	9	72	19
		71	4	77	27(108)	23	23	66	66	4	70	27	78(251)
91.9	8.6	65	65	24	24	82	37	47	12(40)	79	8	72	18
		71	3	77	26(108)	22	22	66	66	3	70	26	78(251)
98.4	7.3	65	65	24	24	83	36	46	11(40)	79	7	72	18
		71	2	78	26(108)	22	22	66	66	2	70	26	78(251)
105.0	6.2	65	65	23	23	83	36	46	10(40)	80	6	73	17
		71	1	78	25(108)	21	21	67	67	1	70	25	78(251)
111.5	5.1	64	64	22	22	83	35	46	9(41)	79	6	73	16
		70	0	78	25(109)	21	21	66	66	0	70	26	78(250)
118.1	4.2	65	65	22	22	84	34	46	9(41)	80	5	73	16
		70	0	79	24(109)	20	20	67	67	0	69	24	79(250)
124.7	3.3	64	64	22	22	84	34	46	8(41)	80	4	73	15
		69	0	79	23(109)	20	20	66	66	0	69	24	80(250)
131.2	2.4	64	64	22	22	83	34	46	8(41)	79	4	72	15
		69	0	79	23(109)	19	19	66	66	0	68	24	79(250)

 HA=114.5 HI= 29.5 GGW= 39.7 SL= 0.0 MAX(A,B,C,D)= 7.8 6.8 7.4 7.4

Main boom and fixed jib (jib angle 0.0 degrees)

Length of main boom = 124.3 ft Length of jib = 29.5 ft

Main boom sequence = 0-0-0-90-90-90 % LK = 45

Counterweight = 39.7 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.
		1(0)		2(...)		3(90)		6(...)		
		4(...)		5(180)		6(...)				
		A	B	C	D	A	B	C	D	
29.5	39.7	65	65	39	39	74	52	50	33(31)	73 31 68 36
		70	29	70	39(102)	40	40	65	65	29 70 39 71(257)
32.8	37.7	66	66	37	37	78	50	50	29(35)	76 27 70 33
		71	24	73	38(106)	37	37	66	66	24 71 38 74(253)
39.4	34.0	69	69	33	33	84	45	52	22(40)	81 20 74 28
		73	16	79	35(110)	33	33	69	69	16 73 36 79(249)
45.9	30.4	71	71	29	29	88	43	51	17(40)	85 15 77 23
		74	9	83	34(113)	29	29	71	71	9 73 34 83(246)
52.5	24.3	68	68	28	28	85	42	49	16(39)	82 14 75 22
		75	9	80	30(107)	28	28	69	69	9 74 30 80(252)
59.1	19.8	67	67	27	27	84	41	48	16(39)	81 13 74 22
		73	8	78	29(107)	26	26	68	68	8 73 29 79(252)
65.6	16.5	66	66	26	26	83	40	48	15(39)	80 11 73 21
		73	7	78	28(107)	25	25	67	67	7 72 28 78(252)
72.2	13.7	65	65	26	26	82	39	47	14(39)	79 11 72 20
		72	6	77	27(107)	25	25	67	67	6 71 28 77(252)
78.7	11.5	65	65	25	25	82	39	47	13(39)	79 10 72 20
		71	5	77	27(107)	24	24	66	66	5 71 27 77(252)
85.3	9.7	65	65	25	25	82	37	47	12(40)	79 9 72 19
		71	4	77	26(108)	23	23	66	66	4 70 27 78(251)

91.9	8.2	65	65	24	24	82	37	46	11(40)	79	8	72	18
		71	3	78	26(108)	22	22	66	66	3	70	26	78(251)
98.4	6.8	65	65	23	23	83	36	46	11(40)	79	7	72	17
		71	2	78	25(108)	22	22	66	66	2	70	26	78(251)
105.0	5.7	65	65	23	23	83	36	46	10(40)	80	6	73	17
		71	1	78	25(108)	21	21	67	67	1	70	25	78(251)
111.5	4.6	64	64	22	22	83	35	46	9(41)	80	5	73	16
		70	0	78	25(109)	20	20	66	66	0	70	25	78(250)
118.1	3.7	65	65	22	22	84	34	46	8(41)	80	4	73	15
		70	0	79	24(109)	20	20	67	67	0	69	24	80(250)
124.7	2.9	64	64	21	21	84	34	46	8(41)	80	4	73	15
		69	0	80	23(109)	19	19	67	67	0	68	23	80(250)

HA=124.3 HI= 29.5 GGW= 39.7 SL= 0.0 MAX(A,B,C,D)= 8.2 6.9 7.7 7.7

Main boom and fixed jib (jib angle 0.0 degrees)

Length of main boom = 130.9 ft Length of jib = 29.5 ft

Main boom sequence = 0-0-0-100-100-100 % LK = 46

Counterweight = 39.7 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.			
		1(0)		2(...)		3(90)		6(...)					
		A	B	C	D	A	B	C	D	A	B	C	D
29.5	35.3	61	61	41	41	67	54	47	37(23)	68	34	64	38
		67	33	65	39(95)	41	41	61	61	33	67	39	65(264)
32.8	33.3	63	63	39	39	71	51	48	33(29)	71	30	66	35
		68	29	68	38(101)	39	39	63	63	28	68	38	68(258)
39.4	29.8	65	65	35	35	77	47	49	26(36)	75	24	69	30
		69	21	73	36(107)	34	34	65	65	21	69	36	73(252)
45.9	26.7	67	67	31	31	81	44	50	21(39)	79	19	72	26
		71	15	77	34(110)	31	31	67	67	14	70	34	77(249)
52.5	24.3	68	68	28	28	85	42	49	16(39)	82	14	75	22
		75	9	80	30(107)	28	28	69	69	9	74	30	80(252)
59.1	19.8	67	67	27	27	84	41	48	16(39)	81	13	74	22
		73	8	78	29(107)	26	26	68	68	8	73	29	79(252)
65.6	16.5	66	66	27	27	83	40	48	15(39)	80	11	73	21
		73	7	78	28(107)	25	25	67	67	7	72	28	78(252)
72.2	13.7	65	65	26	26	82	39	47	14(39)	79	11	72	20
		72	6	77	27(107)	25	25	67	67	6	71	28	77(252)
78.7	11.5	65	65	25	25	82	39	47	13(39)	79	10	72	20
		71	5	77	27(107)	24	24	66	66	5	71	27	77(252)
85.3	9.7	65	65	25	25	82	37	47	12(40)	79	9	72	19
		71	4	77	26(108)	23	23	66	66	4	70	27	78(251)
91.9	8.2	65	65	24	24	82	37	46	11(40)	79	8	72	18
		71	3	78	26(108)	22	22	66	66	3	70	26	78(251)
98.4	6.8	65	65	23	23	83	36	46	11(40)	79	7	72	17
		71	2	78	25(108)	22	22	66	66	2	70	26	78(251)
105.0	5.7	65	65	23	23	83	36	46	10(40)	80	6	73	17
		71	1	78	25(108)	21	21	67	67	1	70	25	78(251)
111.5	4.6	64	64	22	22	83	35	46	9(41)	80	5	73	16
		70	0	78	25(109)	20	20	66	66	0	70	25	78(250)
118.1	3.7	65	65	22	22	84	34	46	8(41)	80	4	73	15
		70	0	79	24(109)	20	20	67	67	0	69	24	80(250)

124.7 2.6 64 64 22 22 83 34 46 9(41) 79 5 72 16
 69 0 78 24(109) 20 20 66 66 0 69 24 78(250)

HA=130.9 HI= 29.5 GGW= 39.7 SL= 0.0 MAX(A,B,C,D)= 7.9 6.9 7.4 7.4

Main boom and fixed jib (jib angle 0.0 degrees)
 Length of main boom = 138.1 ft Length of jib = 29.5 ft
 Main boom sequence = 0-0-45-90-90-90 % LK = 54
 Counterweight = 39.7 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
	1(0)				2(...)								
	3(90)				4(...)								
5(180)				6(...)									
A	B	C	D	A	B	C	D	A	B	C	D		
32.8	37.7	67	67	36	36	79	49	51	28(36)	77	26	71	32
		72	23	75	37(107)	37	37	67	67	23	71	38	75(252)
39.4	34.4	70	70	32	32	86	44	52	21(41)	83	19	75	26
		74	14	80	35(111)	32	32	70	70	14	73	35	81(248)
45.9	28.2	69	69	30	30	86	44	50	18(39)	82	16	75	24
		73	11	80	34(112)	29	29	69	69	11	72	34	81(247)
52.5	23.4	68	68	28	28	85	42	49	16(39)	82	13	75	22
		75	9	79	30(107)	27	27	69	69	9	74	30	80(252)
59.1	19.2	67	67	27	27	84	41	48	15(39)	81	12	74	21
		73	8	79	28(107)	26	26	68	68	7	73	29	79(252)
65.6	15.7	66	66	26	26	83	40	47	15(39)	80	11	73	21
		72	7	78	28(107)	25	25	67	67	7	72	28	78(252)
72.2	13.0	65	65	26	26	83	38	47	13(40)	79	10	73	20
		71	6	78	28(108)	24	24	67	67	6	71	28	78(251)
78.7	10.8	65	65	25	25	83	38	47	13(40)	79	9	72	19
		71	4	78	27(108)	23	23	67	67	4	71	27	78(251)
85.3	9.0	65	65	24	24	83	37	47	12(40)	79	8	73	18
		71	3	78	26(108)	22	22	67	67	3	71	27	78(251)
91.9	7.5	65	65	24	24	83	37	46	11(40)	79	7	73	17
		71	2	78	26(108)	22	22	67	67	2	70	26	78(251)
98.4	6.2	65	65	23	23	83	36	46	10(40)	80	6	73	17
		71	1	78	25(108)	21	21	67	67	1	71	25	78(251)
105.0	5.1	65	65	22	22	84	35	46	9(41)	80	5	73	16
		71	0	79	25(109)	20	20	67	67	0	70	25	79(250)
111.5	3.7	64	64	22	22	83	35	46	9(41)	79	5	72	16
		70	0	78	25(109)	20	20	66	66	0	69	25	78(250)
118.1	2.9	64	64	22	22	83	34	46	8(41)	79	4	73	15
		69	0	79	23(109)	20	20	66	66	0	69	24	79(250)

HA=138.1 HI= 29.5 GGW= 39.7 SL= 0.0 MAX(A,B,C,D)= 8.0 6.9 7.5 7.5

Main boom and fixed jib (jib angle 0.0 degrees)
 Length of main boom = 145.0 ft Length of jib = 29.5 ft
 Main boom sequence = 0-0-45-100-100-100 % LK = 55
 Counterweight = 39.7 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.		
	1(0)				2(...)						
	3(90)				4(...)						
5(180)				6(...)							
A	B	C	D	A	B	C	D	A	B	C	D

32.8	33.1	63	63	38	38	72	51	48	32(30)	71	30	66	35
		68	28	69	38(102)	38	38	63	63	28	68	38	69(257)
39.4	30.0	65	65	34	34	78	46	49	25(37)	76	23	70	30
		70	19	74	35(108)	34	34	66	66	19	70	36	74(251)
45.9	27.3	68	68	30	30	84	44	49	19(38)	81	17	74	25
		72	12	79	33(111)	30	30	68	68	12	71	34	79(248)
52.5	23.1	68	68	28	28	85	42	49	17(39)	82	14	74	23
		74	9	79	30(107)	28	28	69	69	9	74	30	79(252)
59.1	19.2	67	67	27	27	84	41	48	15(39)	81	12	74	21
		73	8	78	28(107)	26	26	68	68	7	73	29	79(252)
65.6	15.9	66	66	26	26	84	39	48	14(40)	80	11	73	21
		72	6	78	28(108)	25	25	67	67	6	72	29	78(251)
72.2	13.0	65	65	26	26	82	39	47	14(39)	79	10	73	20
		72	6	77	27(107)	24	24	67	67	6	71	28	78(252)
78.7	10.8	65	65	25	25	82	38	47	13(40)	79	9	72	19
		71	5	77	27(108)	23	23	67	67	4	70	27	78(251)
85.3	9.0	65	65	24	24	83	37	47	12(40)	79	8	72	18
		71	4	78	26(108)	22	22	67	67	3	70	27	78(251)
91.9	7.5	65	65	24	24	83	37	46	11(40)	79	7	73	18
		71	2	78	26(108)	22	22	66	66	2	70	26	78(251)
98.4	6.2	65	65	23	23	83	36	46	10(40)	79	6	73	17
		71	1	78	25(108)	21	21	67	67	1	70	26	78(251)
105.0	5.1	65	65	22	22	84	35	46	9(41)	80	5	73	16
		71	0	78	25(109)	20	20	67	67	0	70	25	79(250)
111.5	4.0	65	65	22	22	84	34	46	9(41)	80	5	73	16
		70	0	79	24(109)	20	20	67	67	0	69	24	80(250)
118.1	2.9	64	64	22	22	83	34	46	9(41)	79	5	73	15
		69	0	79	24(109)	20	20	66	66	0	69	24	79(250)

 HA=145.0 HI= 29.5 GGW= 39.7 SL= 0.0 MAX(A,B,C,D)= 7.9 6.8 7.4 7.4

Main boom and fixed jib (jib angle 0.0 degrees)
 Length of main boom = 152.2 ft Length of jib = 29.5 ft
 Main boom sequence = 0-0-90-90-90-90 % LK = 62
 Counterweight = 39.7 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.			
		1(0)		2(...)		3(90)		6(...)					
		A	B	C	D	A	B	C	D				
39.4	32.2	68	68	32	32	84	45	51	22(40)	80	20	73	27
		73	16	78	35(110)	32	32	68	68	16	72	35	78(249)
45.9	26.2	67	67	30	30	83	44	49	19(38)	80	17	73	25
		71	12	78	33(111)	30	30	68	68	12	71	34	78(248)
52.5	21.6	67	67	29	29	83	43	48	17(38)	80	15	73	23
		71	10	78	32(111)	28	28	67	67	10	70	32	78(248)
59.1	18.1	66	66	27	27	83	41	48	15(39)	80	13	73	22
		73	8	78	29(107)	26	26	67	67	8	72	29	78(252)
65.6	15.0	66	66	26	26	83	40	47	14(39)	80	11	73	21
		72	7	78	28(107)	25	25	67	67	6	72	28	78(252)
72.2	12.3	65	65	25	25	83	38	47	13(40)	79	10	73	20
		71	5	78	27(108)	24	24	67	67	5	71	28	78(251)
78.7	10.4	65	65	24	24	83	37	47	12(40)	80	8	73	19
		71	4	78	26(108)	23	23	67	67	4	71	27	78(251)

85.3	8.6	65	65	24	24	84	37	47	11(40)	80	7	73	18
		71	2	78	26(108)	22	22	67	67	2	71	26	78(251)
91.9	7.1	65	65	23	23	84	35	47	10(41)	80	6	73	17
		71	1	79	26(109)	21	21	67	67	1	70	26	79(250)
98.4	5.5	65	65	23	23	83	36	46	10(40)	80	6	73	17
		71	1	78	25(108)	21	21	67	67	1	70	25	78(251)
105.0	4.2	64	64	22	22	83	35	46	9(41)	79	6	72	16
		70	0	78	25(109)	20	20	66	66	0	69	25	78(250)
111.5	3.1	64	64	22	22	83	34	46	9(41)	79	5	72	16
		70	0	78	24(109)	20	20	66	66	0	69	25	79(250)

HA=152.2 HI= 29.5 GGW= 39.7 SL= 0.0 MAX(A,B,C,D)= 7.8 6.7 7.3 7.3

Main boom and fixed jib (jib angle 0.0 degrees)

Length of main boom = 161.4 ft Length of jib = 29.5 ft
 Main boom sequence = 0-0-100-100-100-100 % LK = 63
 Counterweight = 39.7 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
	1(0)		2(...)		3(90)		6(...)						
	A	B	C	D	A	B	C	D					
39.4	28.4	65	65	34	34	77	47	49	26(36)	75	23	69	30
		69	20	73	35(107)	34	34	65	65	20	69	35	73(252)
45.9	25.6	67	67	31	31	82	43	50	20(40)	79	18	72	26
		71	13	77	33(110)	30	30	67	67	13	71	34	77(249)
52.5	20.9	66	66	29	29	81	43	48	18(38)	79	15	72	24
		70	11	77	32(111)	28	28	67	67	11	69	33	77(248)
59.1	17.4	65	65	28	28	82	41	48	16(39)	79	13	72	22
		72	9	77	29(107)	27	27	67	67	9	71	30	77(252)
65.6	14.6	65	65	26	26	82	40	47	15(39)	79	12	72	21
		72	7	77	28(107)	25	25	67	67	7	71	28	77(252)
72.2	12.1	65	65	26	26	82	39	47	14(39)	79	10	72	20
		71	6	77	27(107)	24	24	67	67	6	71	27	77(252)
78.7	9.9	65	65	25	25	82	37	47	13(40)	79	9	72	19
		71	5	77	27(108)	23	23	66	66	4	70	27	77(251)
85.3	8.2	65	65	24	24	82	37	46	12(40)	79	8	72	18
		71	3	77	26(108)	22	22	66	66	3	70	27	78(251)
91.9	6.6	64	64	24	24	82	36	46	11(40)	79	7	72	18
		71	2	77	26(108)	22	22	66	66	2	70	26	78(251)
98.4	5.3	64	64	23	23	83	36	46	10(40)	79	6	72	17
		71	1	78	25(108)	21	21	66	66	1	70	25	78(251)
105.0	4.2	64	64	22	22	83	35	46	9(41)	79	5	73	16
		70	0	78	25(109)	20	20	66	66	0	70	25	78(250)
111.5	3.1	64	64	22	22	83	34	46	9(41)	79	5	73	16
		69	0	79	24(109)	20	20	66	66	0	69	24	79(250)

HA=161.4 HI= 29.5 GGW= 39.7 SL= 0.0 MAX(A,B,C,D)= 7.7 6.6 7.3 7.4

Main boom and fixed jib (jib angle 0.0 degrees)

Length of main boom = 166.0 ft Length of jib = 29.5 ft
 Main boom sequence = 0-45-90-90-90-90 % LK = 68
 Counterweight = 39.7 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]								(Pos.[Degrees])				0-360 Degr.					
	1(0)				2(...)				3(90)									
	4(...)				5(180)				6(...)									
	A	B	C	D	A	B	C	D	A	B	C	D	A	B	C	D		
39.4 29.5	67	67	33	33	80	45	50	23	(38)	78	21	71	28					
	71	17	76	35	(109)	33	33	67	67		17	71	35	76	(250)			
45.9 23.8	66	66	31	31	80	43	49	21	(39)	78	18	71	26					
	70	14	76	33	(110)	30	30	66	66		14	69	34	76	(249)			
52.5 19.6	65	65	29	29	81	42	48	18	(38)	78	15	71	24					
	69	11	77	32	(111)	28	28	66	66		11	69	33	77	(248)			
59.1 16.1	65	65	28	28	81	41	47	17	(38)	78	13	71	22					
	71	9	76	29	(106)	27	27	66	66		9	71	29	76	(253)			
65.6 13.2	65	65	27	27	81	39	47	15	(39)	78	12	71	21					
	71	7	76	28	(107)	25	25	66	66		7	70	28	76	(252)			
72.2 10.8	64	64	26	26	81	39	46	14	(39)	78	10	71	20					
	71	6	76	27	(107)	24	24	66	66		6	70	28	77	(252)			
78.7 8.6	64	64	25	25	81	38	46	13	(39)	78	9	71	19					
	70	5	76	26	(107)	23	23	65	65		5	70	27	76	(252)			
85.3 6.8	64	64	24	24	81	37	45	12	(39)	78	9	71	19					
	70	4	76	26	(107)	22	22	65	65		4	70	26	76	(252)			
91.9 5.5	64	64	23	23	82	36	46	11	(40)	78	7	72	17					
	70	2	77	25	(108)	22	22	66	66		2	69	26	77	(251)			
98.4 4.2	64	64	23	23	82	35	46	10	(40)	78	6	72	17					
	70	1	77	25	(108)	21	21	66	66		1	69	25	77	(251)			
105.0 2.9	63	63	22	22	82	35	45	10	(40)	78	6	71	17					
	70	1	77	24	(108)	21	21	65	65		1	69	25	77	(251)			

HA=166.0 HI= 29.5 GGW= 39.7 SL= 0.0 MAX(A,B,C,D)= 7.6 6.6 7.2 7.2

Main boom and fixed jib (jib angle 0.0 degrees)

Length of main boom = 175.5 ft Length of jib = 29.5 ft

Main boom sequence = 0-45-100-100-100-100 % LK = 69

Counterweight = 39.7 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]								(Pos.[Degrees])				0-360 Degr.					
	1(0)				2(...)				3(90)									
	4(...)				5(180)				6(...)									
	A	B	C	D	A	B	C	D	A	B	C	D	A	B	C	D		
45.9 23.1	65	65	31	31	79	43	49	21	(39)	77	19	71	26					
	69	15	75	33	(109)	31	31	66	66		15	69	34	75	(250)			
52.5 19.0	65	65	30	30	79	43	47	19	(37)	77	16	71	24					
	69	12	75	32	(110)	29	29	65	65		12	68	32	75	(249)			
59.1 15.7	64	64	28	28	80	41	47	17	(38)	77	14	71	23					
	68	9	76	31	(111)	27	27	65	65		9	68	32	76	(248)			
65.6 12.8	64	64	27	27	80	40	46	16	(38)	77	13	71	22					
	71	9	75	28	(106)	26	26	65	65		8	70	28	75	(253)			
72.2 10.4	64	64	26	26	80	39	46	15	(39)	77	11	71	21					
	70	7	75	28	(107)	24	24	65	65		7	69	28	76	(252)			
78.7 8.4	63	63	25	25	80	38	46	14	(39)	77	10	71	20					
	70	6	76	27	(107)	24	24	65	65		6	69	27	76	(252)			
85.3 6.6	63	63	25	25	80	37	45	13	(39)	77	9	71	19					
	70	5	76	26	(107)	23	23	65	65		4	69	26	76	(252)			
91.9 5.1	63	63	24	24	80	37	45	12	(39)	77	8	71	18					
	69	4	76	25	(107)	22	22	65	65		4	69	26	76	(252)			

98.4 4.0 63 63 23 23 81 36 45 11(40) 78 7 71 17
 69 2 77 25(108) 21 21 65 65 2 69 26 77(251)
 105.0 2.6 63 63 23 23 81 35 45 11(40) 77 6 71 17
 69 2 76 25(108) 21 21 65 65 2 69 25 76(251)

 HA=175.5 HI= 29.5 GGW= 39.7 SL= 0.0 MAX(A,B,C,D)= 7.6 6.5 7.1 7.1

Main boom and fixed jib (jib angle 0.0 degrees)
 Length of main boom = 180.1 ft Length of jib = 29.5 ft
 Main boom sequence = 0-90-90-90-90-90 % LK = 73
 Counterweight = 39.7 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]								(Pos.[Degrees])				0-360 Degr.
		1(0)		2(...)				3(90)		6(...)				
		A	B	C	D	A	B	C	D	A	B	C	D	
45.9	21.8	64	64	31	31	78	43	48	22(38)	76	19	70	26	
		69	15	74	33(109)	30	30	65	65	15	68	34	74(250)	
52.5	17.6	64	64	30	30	78	42	47	20(37)	76	17	70	25	
		68	12	75	32(110)	29	29	65	65	12	67	32	75(249)	
59.1	14.3	63	63	28	28	78	41	46	18(37)	76	15	70	23	
		68	10	75	31(110)	27	27	65	65	10	67	31	75(249)	
65.6	11.5	63	63	27	27	78	40	46	16(38)	76	13	70	22	
		69	9	74	28(106)	26	26	65	65	9	69	28	74(253)	
72.2	9.0	63	63	26	26	78	39	45	15(38)	76	12	70	21	
		69	8	74	27(106)	25	25	64	64	7	69	28	74(253)	
78.7	7.3	63	63	25	25	79	38	46	14(39)	77	10	70	20	
		69	6	75	27(107)	24	24	65	65	6	69	27	75(252)	
85.3	5.5	63	63	25	25	79	37	45	13(39)	76	9	70	19	
		69	5	75	26(107)	23	23	65	65	5	69	26	75(252)	
91.9	4.0	62	62	24	24	79	37	45	12(39)	76	8	70	19	
		69	4	75	25(107)	22	22	64	64	4	68	26	75(252)	
98.4	2.6	62	62	24	24	79	36	45	12(39)	76	7	70	18	
		69	3	75	25(107)	21	21	64	64	3	68	25	75(252)	

 HA=180.1 HI= 29.5 GGW= 39.7 SL= 0.0 MAX(A,B,C,D)= 7.4 6.4 7.0 7.0

Main boom and fixed jib (jib angle 0.0 degrees)
 Length of main boom = 191.9 ft Length of jib = 29.5 ft
 Main boom sequence = 0-100-100-100-100-100 % LK = 74
 Counterweight = 39.7 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]								(Pos.[Degrees])				0-360 Degr.
		1(0)		2(...)				3(90)		6(...)				
		A	B	C	D	A	B	C	D	A	B	C	D	
52.5	16.8	63	63	30	30	77	42	47	21(38)	74	17	69	25	
		67	13	73	32(109)	29	29	64	64	13	67	32	73(250)	
59.1	13.7	63	63	29	29	77	41	46	19(37)	75	15	69	24	
		67	11	74	31(110)	27	27	64	64	11	67	32	74(249)	
65.6	10.8	62	62	28	28	77	40	45	17(37)	75	14	69	22	
		69	10	73	28(105)	26	26	64	64	10	69	28	73(254)	
72.2	8.6	62	62	27	27	78	39	45	16(38)	75	12	69	21	
		69	8	73	28(106)	25	25	64	64	8	68	28	74(253)	

78.7	6.6	62	62	26	26	78	38	45	15(38)	75	11	69	21
		69	7	73	27(106)	24	24	64	64	7	68	27	74(253)
85.3	5.1	62	62	25	25	78	37	45	14(39)	75	10	69	20
		68	6	74	26(107)	23	23	64	64	5	68	27	74(252)
91.9	3.5	62	62	24	24	78	37	45	13(39)	75	9	69	19
		68	5	74	26(107)	22	22	64	64	5	67	26	74(252)
98.4	2.4	62	62	24	24	79	36	45	12(39)	76	8	70	18
		69	3	75	25(107)	22	22	64	64	3	68	26	75(252)

 HA=191.9 HI= 29.5 GGW= 39.7 SL= 0.0 MAX(A,B,C,D)= 7.4 6.4 6.9 7.0

Main boom and fixed jib (jib angle 0.0 degrees)
 Length of main boom = 193.9 ft Length of jib = 29.5 ft
 Main boom sequence = 45-90-90-90-90-90 % LK = 76
 Counterweight = 39.7 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
	1(0)				2(...)								
	4(...)				5(180)				6(...)				
	A	B	C	D	A	B	C	D	A	B	C	D	
45.9	19.2	62	62	32	32	75	43	47	23(37)	73	20	68	27
		67	17	72	33(108)	31	31	63	63	16	67	34	72(251)
52.5	15.2	62	62	30	30	76	41	47	21(38)	73	18	68	26
		67	14	72	32(109)	29	29	63	63	14	66	32	72(250)
59.1	12.1	62	62	29	29	76	41	45	19(36)	74	15	68	24
		67	11	73	31(109)	27	27	63	63	11	66	31	73(250)
65.6	9.5	62	62	28	28	76	40	45	17(37)	74	14	69	22
		68	10	72	28(105)	26	26	63	63	10	68	28	73(254)
72.2	7.3	62	62	26	26	77	39	45	16(38)	74	12	69	21
		68	8	73	27(106)	25	25	63	63	8	67	28	73(253)
78.7	5.3	62	62	26	26	77	38	45	15(38)	74	11	69	21
		68	7	73	27(106)	24	24	63	63	7	67	27	73(253)
85.3	3.7	62	62	25	25	77	37	44	14(38)	75	10	69	20
		68	6	73	26(106)	23	23	63	63	6	68	26	73(253)
91.9	2.2	61	61	24	24	77	36	45	13(39)	75	9	69	19
		67	5	73	26(107)	22	22	63	63	5	67	26	74(252)

 HA=193.9 HI= 29.5 GGW= 39.7 SL= 0.0 MAX(A,B,C,D)= 7.2 6.3 6.8 6.8

Main boom and fixed jib (jib angle 0.0 degrees)
 Length of main boom = 205.7 ft Length of jib = 29.5 ft
 Main boom sequence = 45-100-100-100-100-100 % LK = 77
 Counterweight = 39.7 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
	1(0)				2(...)								
	4(...)				5(180)				6(...)				
	A	B	C	D	A	B	C	D	A	B	C	D	
52.5	14.6	61	61	31	31	74	42	46	21(37)	72	18	67	26
		66	15	71	32(108)	29	29	63	63	15	66	32	71(251)
59.1	11.5	61	61	29	29	75	41	45	20(36)	73	16	67	24
		66	12	72	31(109)	28	28	63	63	12	65	32	72(250)
65.6	9.0	61	61	28	28	75	40	45	18(37)	73	14	68	23
		65	10	73	30(110)	26	26	63	63	10	65	31	73(249)

72.2 6.8 61 61 27 27 76 39 45 17(37) 73 13 68 22
 68 9 72 27(105) 25 25 63 63 9 67 28 72(254)
 78.7 4.9 61 61 26 26 76 39 44 16(37) 73 12 68 21
 67 8 72 27(105) 24 24 63 63 8 67 27 72(254)
 85.3 3.3 61 61 25 25 76 37 44 15(38) 74 11 68 20
 67 7 72 26(106) 23 23 63 63 7 67 27 73(253)

 HA=205.7 HI= 29.5 GGW= 39.7 SL= 0.0 MAX(A,B,C,D)= 7.1 6.2 6.7 6.7

Main boom and fixed jib (jib angle 0.0 degrees)
 Length of main boom = 208.0 ft Length of jib = 29.5 ft
 Main boom sequence = 90-90-90-90-90-90 % LK = 78
 Counterweight = 39.7 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.			
		1(0)		2(...)		3(90)		6(...)					
A	B	C	D	A	B	C	D	A	B	C	D		
52.5	13.2	61	61	30	30	74	42	46	21(37)	72	18	67	26
		65	15	71	32(108)	29	29	62	62	15	65	32	71(251)
59.1	10.1	61	61	29	29	74	42	44	20(35)	72	16	67	24
		65	13	71	31(108)	28	28	62	62	12	65	31	71(251)
65.6	7.5	60	60	28	28	74	40	44	19(36)	72	15	67	23
		65	11	71	30(109)	26	26	62	62	11	64	30	71(250)
72.2	5.5	60	60	27	27	75	39	44	17(37)	73	13	67	22
		67	9	71	27(105)	25	25	62	62	9	67	28	71(254)
78.7	3.5	60	60	26	26	75	38	44	16(37)	72	12	67	21
		67	8	71	27(105)	24	24	62	62	8	66	27	71(254)

 HA=208.0 HI= 29.5 GGW= 39.7 SL= 0.0 MAX(A,B,C,D)= 6.9 6.2 6.6 6.6

HA=208.0 HI= 29.5 GGW= 39.7 SL= 0.0 MAX(A,B,C,D)= 0.0 0.0 0.0 0.0

Programm L A M O S 9 9 Version 1.08 vom 29.09.02
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H

DEMAG Mobile Cranes
 O U T R I G G E R - L O A D I N G S
 (Variance = +-10%)

PSI= 1.00

Crane : *** AC 200-1 *** mit HKHI fuer GA und MS

Outrigger width	= 18.7 ft	Outrigger length	= 27.7 ft
Outrigger "A"	X = 12.0 ft	Outrigger "A"	Y = 9.4 ft
Outrigger "B"	X = 12.0 ft	Outrigger "B"	Y = -9.4 ft
Outrigger "C"	X = -15.7 ft	Outrigger "C"	Y = 9.4 ft
Outrigger "D"	X = -15.7 ft	Outrigger "D"	Y = -9.4 ft

 Main boom and fixed jib (jib angle 20.0 degrees)

Length of main boom = 40.7 ft Length of jib = 29.5 ft
 Main boom sequence = 0-0-0-0-0-0 % LK = 1
 Counterweight = 39.7 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]								(Pos.[Degrees])				0-360 Degr.
		1(0)				2(...)				3(90)				
		4(...)				5(180)				6(...)				
A	B	C	D	A	B	C	D	A	B	C	D			
16.4	34.2	47	47	55	55	43	54	49	57(59)	44	57	46	56	
		48	58	44	52(128)	55	55	47	47	58	48	52	44(232)	
19.7	31.5	48	48	52	52	46	52	49	53(59)	47	53	48	52	
		49	54	47	51(128)	52	52	48	48	54	49	51	47(232)	
23.0	29.3	49	49	50	50	50	49	50	50(59)	49	49	50	50	
		49	49	50	50(127)	49	49	50	50	49	49	50	50(232)	
26.2	27.6	51	51	47	47	53	47	50	46(59)	52	46	52	47	
		50	45	52	49(128)	47	47	51	51	45	50	49	52(232)	
29.5	25.8	52	52	45	45	56	45	51	43(59)	54	42	54	44	
		51	41	55	47(128)	45	45	52	52	41	51	47	55(232)	
32.8	24.3	53	53	43	43	58	43	52	40(59)	57	39	55	42	
		52	38	57	47(128)	43	43	54	54	38	52	47	57(232)	
39.4	21.8	56	56	40	40	59	52	43	37(15)	62	33	59	37	
		62	33	59	37(90)	39	39	57	57	33	62	37	59(270)	
45.9	19.8	58	58	36	36	66	48	44	30(28)	66	27	62	33	
		64	26	64	35(100)	35	35	59	59	25	63	35	64(259)	
52.5	18.3	61	61	33	33	73	44	46	24(35)	71	21	66	28	
		66	18	69	33(106)	32	32	62	62	18	66	34	70(253)	

HA= 40.7 HI= 29.5 GGW= 39.7 SL= 0.0 MAX(A,B,C,D)= 6.7 6.1 6.5 6.5

Main boom and fixed jib (jib angle 20.0 degrees)

Length of main boom = 54.5 ft Length of jib = 29.5 ft
 Main boom sequence = 0-0-0-0-0-45 % LK = 7
 Counterweight = 39.7 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]								(Pos.[Degrees])				0-360 Degr.
		1(0)				2(...)				3(90)				
		4(...)				5(180)				6(...)				
A	B	C	D	A	B	C	D	A	B	C	D			
19.7	33.1	49	49	52	52	47	52	50	53(59)	48	53	48	53	
		49	54	48	51(128)	52	52	49	49	54	49	51	48(232)	
23.0	31.1	50	50	50	50	51	50	50	50(59)	50	49	50	50	
		50	49	51	50(127)	50	50	50	50	49	50	50	51(232)	
26.2	29.1	52	52	47	47	54	47	51	46(59)	53	46	52	47	
		51	45	53	49(128)	47	47	52	52	45	51	49	53(232)	
29.5	27.8	53	53	45	45	57	45	52	43(59)	56	42	55	44	
		52	41	56	48(128)	45	45	53	53	41	52	48	56(232)	
32.8	26.2	54	54	43	43	60	43	52	40(59)	58	39	56	42	
		58	39	56	42(90)	43	43	55	55	39	58	42	56(270)	
39.4	23.8	57	57	39	39	61	52	43	36(18)	63	33	60	37	
		63	33	60	37(90)	39	39	58	58	33	63	37	60(269)	
45.9	21.8	59	59	36	36	67	48	45	30(29)	67	27	63	33	
		65	25	65	35(101)	35	35	60	60	25	65	35	66(258)	
52.5	20.3	62	62	33	33	74	44	47	24(36)	72	22	67	28	
		67	18	70	33(106)	32	32	63	63	18	67	34	71(253)	

59.1 18.7 64 64 30 30 78 43 47 20(37) 76 17 70 25
 68 12 75 32(110) 29 29 65 65 12 68 33 75(249)
 65.6 17.2 66 66 27 27 83 40 48 15(39) 80 12 73 21
 73 7 78 28(107) 26 26 67 67 7 72 29 78(252)

 HA= 54.5 HI= 29.5 GGW= 39.7 SL= 0.0 MAX(A,B,C,D)= 7.7 6.7 7.2 7.2

Main boom and fixed jib (jib angle 20.0 degrees)
 Length of main boom = 68.6 ft Length of jib = 29.5 ft
 Main boom sequence = 0-0-0-0-0-90 % LK = 13
 Counterweight = 39.7 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]								(Pos.[Degrees])				0-360 Degr.
		1(0)				2(...)				3(90)				
		A	B	C	D	A	B	C	D	A	B	C	D	
23.0	31.7	50	50	50	50	51	50	50	50(59)	51	50	51	50	
		50	49	51	50(127)	50	50	50	50	49	50	50	51(232)	
26.2	30.2	52	52	48	48	54	47	51	46(59)	54	46	53	47	
		51	45	54	49(128)	47	47	52	52	45	51	49	54(232)	
29.5	28.7	53	53	45	45	57	45	52	43(59)	56	42	55	44	
		52	41	56	48(128)	45	45	54	54	41	52	48	56(232)	
32.8	27.6	55	55	43	43	61	43	53	40(59)	59	39	57	42	
		59	39	57	42(90)	43	43	55	55	39	59	42	57(270)	
39.4	25.4	58	58	39	39	63	52	44	36(20)	64	32	61	37	
		64	32	62	37(93)	39	39	58	58	32	63	37	62(266)	
45.9	23.1	60	60	36	36	69	48	46	30(30)	68	27	64	33	
		65	25	66	35(102)	35	35	61	61	25	65	36	67(257)	
52.5	21.2	62	62	33	33	74	44	47	25(36)	72	22	67	29	
		67	19	71	34(106)	32	32	63	63	19	67	34	71(253)	
59.1	19.2	64	64	30	30	78	42	48	21(39)	75	18	69	26	
		68	14	74	32(109)	29	29	65	65	14	68	33	74(250)	
65.6	17.6	65	65	28	28	81	41	47	17(38)	78	14	72	22	
		72	9	76	29(106)	27	27	67	67	9	71	29	77(253)	
72.2	15.0	65	65	27	27	82	40	47	15(39)	79	12	72	21	
		71	8	77	28(107)	26	26	66	66	7	71	29	77(252)	
78.7	12.8	65	65	26	26	82	39	47	14(39)	79	11	72	20	
		71	6	77	27(107)	24	24	66	66	6	71	28	77(252)	
85.3	10.8	65	65	25	25	83	37	47	13(40)	79	9	72	19	
		71	4	78	27(108)	23	23	67	67	4	71	27	78(251)	

 HA= 68.6 HI= 29.5 GGW= 39.7 SL= 0.0 MAX(A,B,C,D)= 7.7 6.6 7.2 7.2

Main boom and fixed jib (jib angle 20.0 degrees)
 Length of main boom = 70.2 ft Length of jib = 29.5 ft
 Main boom sequence = 0-0-0-0-0-100 % LK = 14
 Counterweight = 39.7 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]								(Pos.[Degrees])				0-360 Degr.
		1(0)				2(...)				3(90)				
		A	B	C	D	A	B	C	D	A	B	C	D	
23.0	32.0	50	50	50	50	51	50	50	50(59)	51	49	51	50	
		50	49	51	50(127)	50	50	51	51	49	50	50	51(232)	

26.2	30.0	52	52	48	48	54	48	51	46(59)	53	46	53	47
		51	45	53	49(128)	47	47	52	52	45	51	49	53(232)
29.5	28.0	53	53	46	46	56	46	52	43(59)	55	43	54	45
		52	42	56	48(128)	45	45	53	53	42	52	48	56(232)
32.8	26.2	54	54	44	44	59	44	52	41(59)	57	40	56	42
		52	38	58	47(128)	43	43	54	54	38	52	47	58(232)
39.4	23.4	56	56	40	40	58	53	43	39(11)	61	34	59	38
		61	34	59	38(90)	40	40	56	56	34	61	38	59(270)
45.9	20.7	57	57	37	37	63	49	44	33(24)	64	30	61	35
		63	29	62	36(96)	37	37	58	58	29	63	36	62(263)
52.5	18.7	59	59	35	35	68	46	45	28(31)	67	25	63	31
		64	23	66	34(102)	34	34	60	60	23	64	35	66(257)
59.1	17.0	61	61	32	32	72	44	46	24(35)	71	21	66	28
		65	18	69	33(106)	31	31	62	62	18	65	33	69(253)
65.6	15.7	62	62	30	30	76	41	47	20(38)	74	17	68	25
		67	13	73	32(109)	29	29	63	63	13	66	32	73(250)
72.2	14.3	64	64	28	28	79	41	47	17(38)	77	13	71	22
		70	9	75	28(106)	26	26	65	65	9	70	29	75(253)
78.7	12.8	65	65	26	26	82	39	47	14(39)	78	11	72	20
		71	6	77	27(107)	24	24	66	66	6	71	28	77(252)
85.3	10.8	65	65	25	25	82	38	47	13(40)	79	9	72	19
		71	5	77	27(108)	24	24	66	66	5	70	27	77(251)

 HA= 70.2 HI= 29.5 GGW= 39.7 SL= 0.0 MAX(A,B,C,D)= 7.6 6.6 7.2 7.2

Main boom and fixed jib (jib angle 20.0 degrees)

Length of main boom = 82.3 ft Length of jib = 29.5 ft

Main boom sequence = 0-0-0-0-45-90 % LK = 20

Counterweight = 39.7 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.			
		1(0)		2(...)		3(90)		6(...)					
		4(...)		5(180)		6(...)							
		A	B	C	D	A	B	C	D				
26.2	31.1	53	53	47	47	55	47	52	46(59)	54	45	54	47
		52	45	54	49(128)	47	47	53	53	45	52	49	54(232)
29.5	29.8	54	54	45	45	59	45	52	42(59)	57	42	56	44
		53	40	58	48(128)	45	45	54	54	40	53	48	58(232)
32.8	28.4	56	56	43	43	62	43	53	39(59)	60	38	58	41
		60	38	58	41(90)	43	43	56	56	38	60	41	58(270)
39.4	26.2	58	58	39	39	64	51	45	35(23)	65	32	62	36
		64	31	63	37(95)	39	39	59	59	31	64	37	63(264)
45.9	24.5	61	61	35	35	71	47	47	28(33)	70	26	66	32
		67	23	68	35(104)	35	35	62	62	23	66	36	69(255)
52.5	22.7	64	64	32	32	77	44	48	23(37)	75	20	69	28
		69	17	73	34(108)	31	31	65	65	16	68	34	73(251)
59.1	20.9	66	66	29	29	81	42	48	18(38)	78	15	72	24
		70	11	77	32(111)	28	28	67	67	11	69	33	77(248)
65.6	18.1	66	66	28	28	82	41	48	16(39)	79	13	72	22
		72	9	77	29(107)	27	27	67	67	9	71	30	77(252)
72.2	15.2	65	65	27	27	82	40	47	15(39)	78	12	72	21
		71	8	77	28(107)	26	26	66	66	8	71	29	77(252)
78.7	13.0	65	65	26	26	82	39	47	14(39)	79	11	72	20
		71	6	77	27(107)	24	24	66	66	6	71	28	77(252)

85.3 11.0 65 65 25 25 82 38 46 13(39) 78 10 72 20
 71 5 77 27(107) 24 24 66 66 5 71 27 77(252)
 91.9 9.3 64 64 25 25 82 37 47 12(40) 78 9 72 19
 70 4 77 26(108) 23 23 66 66 4 70 27 77(251)
 98.4 7.9 65 65 24 24 83 37 46 11(40) 79 7 73 18
 71 2 78 26(108) 22 22 66 66 2 70 26 78(251)

 HA= 82.3 HI= 29.5 GGW= 39.7 SL= 0.0 MAX(A,B,C,D)= 7.7 6.6 7.2 7.3

Main boom and fixed jib (jib angle 20.0 degrees)
 Length of main boom = 84.0 ft Length of jib = 29.5 ft
 Main boom sequence = 0-0-0-0-45-100 % LK = 21
 Counterweight = 39.7 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.
		1(0)		2(...)		3(90)		6(...)		
		4(...)	5(180)			6(...)				
		A B C D	A B C D	A B C D	A B C D					
26.2	30.9	52 52 47 47	55 47 52 46	59 54 45 53	47 45 54 54					
		52 45 54 49(128)	47 47 53 53	45 52 49 54(232)						
29.5	29.1	54 54 45 45	58 45 52 43	59 57 42 55	44 41 52 48					
		52 41 57 48(128)	45 45 54 54	41 52 48 57(232)						
32.8	27.6	55 55 43 43	61 43 53 40	59 59 39 57	42 39 59 42					
		59 39 57 42(90)	43 43 55 55	39 59 42 57(270)						
39.4	24.5	57 57 40 40	60 52 43 37	16 63 34 60	37 34 63 37					
		63 34 60 37(90)	39 39 57 57	34 63 37 60(270)						
45.9	22.0	59 59 37 37	66 49 45 32	27 66 28 63	34 27 64 36					
		64 27 64 36(99)	36 36 59 59	27 64 36 64(260)						
52.5	20.1	60 60 34 34	71 46 46 27	33 70 24 65	30 21 65 34					
		66 21 68 34(104)	33 33 61 61	21 65 34 68(255)						
59.1	18.5	62 62 31 31	75 43 47 22	37 73 19 68	27 15 67 33					
		67 16 72 33(108)	30 30 63 63	15 67 33 72(251)						
65.6	17.0	64 64 29 29	79 42 47 19	37 77 15 70	24 11 68 32					
		68 11 75 31(110)	28 28 65 65	11 68 32 75(249)						
72.2	15.4	65 65 27 27	82 40 47 15	39 79 12 72	21 7 71 29					
		72 8 77 28(107)	26 26 67 67	7 71 29 77(252)						
78.7	13.0	65 65 26 26	82 39 47 15	39 78 11 72	21 7 71 28					
		71 7 77 28(107)	25 25 66 66	7 71 28 77(252)						
85.3	11.0	65 65 25 25	81 39 46 14	39 78 10 72	20 6 70 27					
		71 6 77 27(107)	24 24 66 66	6 70 27 77(252)						
91.9	9.5	65 65 24 24	82 37 47 12	40 79 9 72	19 4 70 27					
		71 4 77 26(108)	23 23 66 66	4 70 27 77(251)						
98.4	7.9	64 64 24 24	82 37 46 11	40 79 8 72	18 3 70 26					
		71 3 77 26(108)	22 22 66 66	3 70 26 78(251)						

 HA= 84.0 HI= 29.5 GGW= 39.7 SL= 0.0 MAX(A,B,C,D)= 7.6 6.6 7.2 7.2

Main boom and fixed jib (jib angle 20.0 degrees)
 Length of main boom = 96.5 ft Length of jib = 29.5 ft
 Main boom sequence = 0-0-0-0-90-90 % LK = 28
 Counterweight = 39.7 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.
		1(0)		2(...)		3(90)				

	4(...)				5(180)				6(...)				
	A	B	C	D	A	B	C	D	A	B	C	D	
29.5	30.0	54	54	45	45	59	45	53	42(59)	58	42	56	44
		53	40	58	48(128)	45	45	55	55	40	53	48	58(232)
32.8	28.9	56	56	43	43	62	43	54	39(59)	61	38	58	41
		61	38	58	41(90)	43	43	56	56	38	61	41	58(270)
39.4	26.9	59	59	39	39	65	51	45	34(24)	66	31	63	36
		65	30	63	37(96)	38	38	60	60	30	65	37	64(263)
45.9	25.1	62	62	35	35	73	47	47	28(34)	71	25	67	31
		67	22	69	35(105)	34	34	63	63	22	67	36	70(254)
52.5	23.4	65	65	32	32	78	44	49	22(38)	76	19	70	27
		69	16	74	34(109)	31	31	65	65	15	69	34	74(250)
59.1	21.6	67	67	29	29	82	43	48	17(38)	80	15	73	23
		71	10	78	32(111)	28	28	67	67	10	70	32	78(248)
65.6	18.3	66	66	28	28	82	41	48	16(39)	79	13	73	22
		72	9	77	29(107)	27	27	67	67	9	72	29	77(252)
72.2	15.4	65	65	27	27	82	40	47	15(39)	79	12	72	21
		72	8	77	28(107)	26	26	67	67	8	71	29	77(252)
78.7	13.0	65	65	26	26	81	39	47	15(39)	78	11	72	21
		71	7	77	28(107)	25	25	66	66	7	71	28	77(252)
85.3	11.0	64	64	26	26	81	39	46	14(39)	78	10	72	20
		71	6	76	27(107)	24	24	66	66	6	70	27	77(252)
91.9	9.5	64	64	25	25	82	37	47	13(40)	78	9	72	19
		70	4	77	27(108)	23	23	66	66	4	70	27	77(251)
98.4	7.9	64	64	24	24	82	37	46	12(40)	78	8	72	19
		70	4	77	26(108)	22	22	66	66	4	70	27	77(251)
105.0	6.8	64	64	23	23	83	36	46	11(40)	79	7	72	17
		71	2	78	25(108)	22	22	66	66	2	70	26	78(251)
111.5	5.7	65	65	23	23	83	35	47	9(41)	80	6	73	17
		70	1	78	25(109)	21	21	67	67	0	70	26	78(250)

HA= 96.5 HI= 29.5 GGW= 39.7 SL= 0.0 MAX(A,B,C,D)= 7.7 6.7 7.3 7.3

Main boom and fixed jib (jib angle 20.0 degrees)
Length of main boom = 100.4 ft Length of jib = 29.5 ft
Main boom sequence = 0-0-0-0-100-100 % LK = 29
Counterweight = 39.7 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
	1(0)		2(...)		3(90)		4(90)						
	4(...)				5(180)				6(...)				
	A	B	C	D	A	B	C	D	A	B	C	D	
29.5	29.3	54	54	45	45	58	45	52	43(59)	57	42	55	44
		52	41	57	48(128)	45	45	54	54	41	52	48	57(232)
32.8	27.8	55	55	43	43	61	43	53	40(59)	59	39	57	42
		59	39	57	42(90)	43	43	55	55	39	59	42	57(270)
39.4	25.1	57	57	40	40	62	52	44	37(18)	63	33	60	37
		63	33	61	37(91)	39	39	58	58	33	63	37	61(268)
45.9	22.9	60	60	36	36	68	48	45	30(29)	68	28	64	33
		65	26	66	36(101)	36	36	60	60	26	65	36	66(258)
52.5	21.2	62	62	33	33	73	45	47	25(35)	72	22	67	29
		67	19	70	34(106)	32	32	63	63	19	66	34	70(253)
59.1	19.2	63	63	31	31	77	42	48	21(38)	75	19	69	26
		68	15	73	33(109)	30	30	64	64	15	67	33	73(250)

65.6	17.6	65	65	28	28	80	41	47	17(38)	78	15	71	23
		69	10	77	32(111)	27	27	66	66	10	68	32	77(248)
72.2	15.4	65	65	27	27	82	40	47	15(39)	79	12	72	21
		71	8	77	28(107)	26	26	66	66	8	71	29	77(252)
78.7	13.0	65	65	26	26	81	39	47	15(39)	78	11	72	21
		71	7	76	28(107)	25	25	66	66	7	70	28	77(252)
85.3	11.2	65	65	25	25	82	39	46	14(39)	78	10	72	20
		71	6	77	27(107)	24	24	66	66	6	71	27	77(252)
91.9	9.5	64	64	25	25	81	38	46	13(39)	78	9	72	19
		71	5	77	26(107)	23	23	66	66	5	70	27	77(252)
98.4	8.2	64	64	24	24	82	37	46	12(40)	79	8	72	18
		71	3	77	26(108)	22	22	66	66	3	70	26	77(251)
105.0	6.8	64	64	24	24	82	36	46	11(40)	79	7	72	18
		70	3	77	26(108)	22	22	66	66	2	70	26	77(251)
111.5	6.0	65	65	22	22	84	35	47	9(41)	80	6	73	16
		71	0	78	25(109)	21	21	67	67	0	70	26	79(250)

 HA=100.4 HI= 29.5 GGW= 39.7 SL= 0.0 MAX(A,B,C,D)= 7.8 6.6 7.3 7.3

Main boom and fixed jib (jib angle 20.0 degrees)

Length of main boom = 110.2 ft Length of jib = 29.5 ft

Main boom sequence = 0-0-0-45-90-90 % LK = 36

Counterweight = 39.7 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.
	1(0)		2(...)		3(90)		6(...)		
	A	B C D	A B C D	A B C D	A B C D	A B C D			
32.8	29.3	57 57 43 43	58 56 43 42(4)	62 37 59 41					
		62 37 59 41(90)	42 42 57 57	37 62 41 59(270)					
39.4	27.6	60 60 38 38	67 50 46 33(27)	68 30 64 35					
		66 29 65 37(99)	38 38 60 60	28 65 37 65(260)					
45.9	25.8	63 63 34 34	75 46 48 26(35)	73 24 68 30					
		68 21 71 35(106)	34 34 64 64	21 68 35 71(253)					
52.5	24.3	66 66 31 31	81 42 50 20(40)	78 18 72 26					
		70 13 77 33(110)	30 30 67 67	13 70 34 77(249)					
59.1	21.6	67 67 28 28	84 42 49 17(39)	80 14 73 23					
		73 10 78 30(107)	28 28 68 68	9 73 30 78(252)					
65.6	17.9	66 66 28 28	82 41 48 16(39)	79 13 72 22					
		72 9 77 29(107)	26 26 67 67	9 71 29 77(252)					
72.2	15.0	65 65 27 27	82 40 47 15(39)	78 12 72 21					
		71 8 77 28(107)	26 26 66 66	8 71 29 77(252)					
78.7	12.8	65 65 26 26	82 39 47 14(39)	78 11 72 20					
		71 6 77 27(107)	25 25 66 66	6 71 28 77(252)					
85.3	10.8	65 65 25 25	82 38 46 13(39)	78 10 72 20					
		71 6 77 27(107)	24 24 66 66	5 70 27 77(252)					
91.9	9.3	65 65 24 24	82 37 47 12(40)	79 9 72 19					
		71 4 77 26(108)	23 23 66 66	4 70 27 77(251)					
98.4	7.7	64 64 24 24	82 37 46 12(40)	78 8 72 18					
		70 3 77 26(108)	22 22 66 66	3 70 26 77(251)					
105.0	6.6	65 65 23 23	83 36 46 11(40)	79 7 73 17					
		71 2 78 25(108)	21 21 66 66	2 70 26 78(251)					
111.5	5.5	65 65 22 22	83 35 47 9(41)	80 6 73 16					
		70 1 78 25(109)	21 21 67 67	0 70 26 78(250)					

118.1 4.4 64 64 22 22 83 35 46 9(41) 79 5 73 16
 70 0 78 25(109) 20 20 66 66 0 69 25 79(250)
 124.7 3.5 65 65 22 22 84 34 46 8(41) 80 4 73 15
 69 0 80 23(109) 19 19 67 67 0 69 23 80(250)

 HA=110.2 HI= 29.5 GGW= 39.7 SL= 0.0 MAX(A,B,C,D)= 7.8 6.8 7.4 7.5

Main boom and fixed jib (jib angle 20.0 degrees)
 Length of main boom = 114.5 ft Length of jib = 29.5 ft
 Main boom sequence = 0-0-0-45-100-100 % LK = 37
 Counterweight = 39.7 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]								(Pos.[Degrees])				0-360 Degr.
		1(0)		2(...)				3(90)		4(...)				
		A	B	C	D	A	B	C	D	A	B	C	D	
32.8	28.0	56	56	43	43	62	43	53	39(59)	60	38	58	41	
		60	38	58	41(90)	43	43	56	56	38	60	41	58(270)	
39.4	25.6	58	58	39	39	63	52	44	35(21)	65	32	61	37	
		64	32	62	37(94)	39	39	59	59	31	64	37	62(265)	
45.9	23.6	61	61	36	36	70	48	46	29(31)	69	26	65	32	
		66	24	67	35(103)	35	35	61	61	24	65	36	67(256)	
52.5	21.8	63	63	32	32	76	44	48	24(37)	74	21	68	28	
		68	18	72	34(107)	32	32	64	64	17	67	34	72(252)	
59.1	20.1	65	65	30	30	79	43	47	19(37)	77	17	71	25	
		69	12	76	32(110)	29	29	66	66	12	69	33	76(249)	
65.6	18.1	66	66	28	28	83	41	48	16(39)	80	13	73	22	
		72	9	77	29(107)	26	26	67	67	8	72	29	78(252)	
72.2	15.2	65	65	27	27	82	40	47	15(39)	79	12	72	21	
		72	7	77	28(107)	26	26	67	67	7	71	29	77(252)	
78.7	12.8	65	65	26	26	82	39	47	15(39)	78	11	72	21	
		71	7	77	28(107)	25	25	66	66	7	71	28	77(252)	
85.3	10.8	64	64	26	26	81	39	46	14(39)	78	10	72	20	
		71	6	77	27(107)	24	24	66	66	6	70	27	77(252)	
91.9	9.3	64	64	25	25	82	37	47	13(40)	78	9	72	19	
		70	4	77	27(108)	23	23	66	66	4	70	27	77(251)	
98.4	7.9	65	65	24	24	82	37	46	11(40)	79	8	72	18	
		71	3	77	26(108)	22	22	66	66	3	70	26	78(251)	
105.0	6.6	64	64	23	23	82	36	46	11(40)	79	7	72	17	
		71	2	77	25(108)	22	22	66	66	2	70	26	78(251)	
111.5	5.5	64	64	23	23	83	36	46	10(40)	79	6	72	17	
		71	1	78	25(108)	21	21	66	66	1	70	25	78(251)	
118.1	4.6	65	65	22	22	84	35	46	9(41)	80	5	73	16	
		70	0	79	24(109)	20	20	67	67	0	69	25	79(250)	
124.7	3.5	64	64	22	22	83	34	46	9(41)	79	5	73	16	
		70	0	79	24(109)	20	20	66	66	0	69	24	79(250)	

 HA=114.5 HI= 29.5 GGW= 39.7 SL= 0.0 MAX(A,B,C,D)= 7.8 6.7 7.3 7.4

Main boom and fixed jib (jib angle 20.0 degrees)
 Length of main boom = 124.3 ft Length of jib = 29.5 ft
 Main boom sequence = 0-0-0-90-90-90 % LK = 45
 Counterweight = 39.7 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]								(Pos.[Degrees])				0-360 Degr.												
	1(0)		2(...)				3(90)		4(...)				5(180)				6(...)								
	A	B	C	D	A	B	C	D	A	B	C	D	A	B	C	D	A	B	C	D					
39.4	27.6	60	60	38	38	68	50	46	32(28)	68	30	64	35	66	28	65	37(99)	37	37	61	61	28	66	37	66(260)
45.9	26.0	64	64	34	34	76	46	48	25(36)	74	23	68	30	68	20	72	35(107)	33	33	64	64	20	68	35	72(252)
52.5	24.7	67	67	30	30	82	43	49	19(38)	80	17	73	25	71	12	78	33(111)	29	29	67	67	12	70	34	78(248)
59.1	21.4	67	67	28	28	84	42	49	17(39)	81	14	73	22	73	9	78	30(107)	27	27	68	68	9	73	30	78(252)
65.6	17.6	66	66	28	28	82	41	48	16(39)	79	13	73	22	72	9	77	29(107)	26	26	67	67	8	72	29	77(252)
72.2	14.8	65	65	27	27	82	40	47	15(39)	79	12	72	21	71	7	77	28(107)	25	25	67	67	7	71	28	77(252)
78.7	12.6	65	65	26	26	82	39	47	14(39)	79	11	72	20	71	6	77	27(107)	24	24	66	66	6	71	28	77(252)
85.3	10.6	65	65	25	25	82	38	46	13(39)	79	10	72	19	71	5	77	26(107)	24	24	66	66	5	71	27	77(252)
91.9	8.8	64	64	25	25	82	37	47	13(40)	78	9	72	19	70	4	77	26(108)	23	23	66	66	4	70	27	77(251)
98.4	7.5	64	64	24	24	82	37	46	11(40)	79	8	72	18	71	3	77	26(108)	22	22	66	66	3	70	26	77(251)
105.0	6.4	65	65	23	23	83	36	46	10(40)	79	6	73	17	71	2	78	25(108)	21	21	67	67	1	70	26	78(251)
111.5	5.3	65	65	22	22	84	35	47	9(41)	80	6	73	16	71	0	78	25(109)	21	21	67	67	0	70	26	79(250)
118.1	4.2	64	64	22	22	84	35	46	9(41)	80	5	73	16	70	0	78	24(109)	20	20	66	66	0	69	25	79(250)
124.7	3.1	64	64	22	22	83	34	46	9(41)	79	5	72	16	69	0	78	24(109)	20	20	66	66	0	69	25	78(250)
131.2	2.2	64	64	22	22	83	34	46	8(41)	79	4	72	15	69	0	79	23(109)	19	19	66	66	0	68	24	79(250)

HA=124.3 HI= 29.5 GGW= 39.7 SL= 0.0 MAX(A,B,C,D)= 7.8 6.8 7.3 7.4

Main boom and fixed jib (jib angle 20.0 degrees)

Length of main boom = 130.9 ft Length of jib = 29.5 ft

Main boom sequence = 0-0-0-100-100-100 % LK = 46

Counterweight = 39.7 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]								(Pos.[Degrees])				0-360 Degr.												
	1(0)		2(...)				3(90)		4(...)				5(180)				6(...)								
	A	B	C	D	A	B	C	D	A	B	C	D	A	B	C	D	A	B	C	D					
39.4	25.6	58	58	39	39	64	51	45	35(23)	65	32	62	36	64	31	63	37(95)	38	38	59	59	31	64	37	63(264)
45.9	23.6	61	61	35	35	71	47	46	28(32)	70	26	65	32	66	23	68	35(103)	35	35	62	62	23	66	35	68(256)
52.5	22.0	63	63	32	32	77	44	48	23(37)	75	20	69	27	68	17	73	34(108)	31	31	64	64	16	68	34	73(251)
59.1	20.5	66	66	29	29	82	42	48	18(38)	79	15	72	24	70	10	77	32(111)	28	28	67	67	10	69	32	77(248)

65.6	17.6	66	66	28	28	82	41	48	16(39)	79	13	73	22
		72	9	77	29(107)	26	26	67	67	9	72	29	77(252)
72.2	14.8	65	65	27	27	82	40	47	15(39)	79	12	72	21
		71	7	77	28(107)	25	25	66	66	7	71	28	77(252)
78.7	12.6	65	65	26	26	82	39	47	14(39)	79	11	72	20
		71	6	77	27(107)	24	24	66	66	6	71	28	77(252)
85.3	10.6	65	65	25	25	82	38	46	13(39)	78	10	72	19
		71	5	77	27(107)	24	24	66	66	5	71	27	77(252)
91.9	9.0	65	65	24	24	82	37	47	12(40)	79	8	72	19
		71	4	77	26(108)	23	23	66	66	4	70	27	78(251)
98.4	7.5	64	64	24	24	82	37	46	11(40)	79	8	72	18
		70	3	77	26(108)	22	22	66	66	3	70	26	77(251)
105.0	6.4	65	65	23	23	83	36	46	10(40)	79	7	73	17
		71	2	78	25(108)	21	21	66	66	2	70	26	78(251)
111.5	5.3	65	65	22	22	83	35	46	9(41)	80	6	73	16
		70	0	78	25(109)	21	21	67	67	0	70	26	78(250)
118.1	4.2	64	64	22	22	83	35	46	9(41)	79	5	73	16
		70	0	78	25(109)	20	20	66	66	0	69	25	78(250)
124.7	3.3	64	64	22	22	84	34	46	8(41)	80	4	73	15
		69	0	79	23(109)	20	20	67	67	0	69	24	80(250)
131.2	2.4	64	64	21	21	84	34	46	8(41)	80	4	73	15
		69	0	80	22(109)	19	19	66	66	0	68	23	80(250)

 HA=130.9 HI= 29.5 GGW= 39.7 SL= 0.0 MAX(A,B,C,D)= 7.8 6.7 7.4 7.5

Main boom and fixed jib (jib angle 20.0 degrees)

Length of main boom = 138.1 ft Length of jib = 29.5 ft

Main boom sequence = 0-0-45-90-90-90 % LK = 54

Counterweight = 39.7 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.			
		1(0)		2(...)		3(90)		6(...)					
		4(...)		5(180)		6(...)							
		A	B	C	D	A	B	C	D				
45.9	26.2	65	65	33	33	77	45	49	24(37)	75	22	69	29
		69	18	73	35(108)	33	33	65	65	18	69	35	73(251)
52.5	24.9	68	68	29	29	84	43	49	18(39)	81	15	74	24
		71	10	79	33(112)	29	29	68	68	10	71	33	80(247)
59.1	20.7	67	67	28	28	84	41	49	16(39)	80	13	73	22
		73	9	78	29(107)	27	27	68	68	9	73	30	78(252)
65.6	17.2	66	66	27	27	83	40	48	15(39)	80	12	73	21
		73	8	78	28(107)	26	26	67	67	8	72	29	78(252)
72.2	14.3	65	65	26	26	82	39	47	15(39)	79	11	73	21
		72	7	77	28(107)	25	25	67	67	7	71	28	77(252)
78.7	11.9	65	65	26	26	82	39	47	14(39)	79	10	72	20
		71	6	77	27(107)	24	24	66	66	6	71	28	77(252)
85.3	9.9	65	65	25	25	82	37	47	13(40)	78	9	72	19
		71	5	77	27(108)	23	23	66	66	4	70	27	77(251)
91.9	8.4	65	65	24	24	82	37	47	12(40)	79	8	72	18
		71	3	77	26(108)	22	22	66	66	3	70	26	78(251)
98.4	7.1	65	65	23	23	83	36	46	11(40)	79	7	73	17
		71	2	78	25(108)	22	22	67	67	2	70	26	78(251)
105.0	5.7	65	65	23	23	83	36	46	10(40)	79	6	73	17
		71	1	78	25(108)	21	21	66	66	1	70	25	78(251)

111.5 4.6 65 65 22 22 84 35 46 9(41) 80 5 73 16
 70 0 78 25(109) 20 20 67 67 0 70 25 79(250)
 118.1 3.5 64 64 22 22 84 34 46 9(41) 80 5 73 16
 70 0 79 24(109) 20 20 66 66 0 69 24 79(250)
 124.7 2.4 64 64 22 22 83 34 46 9(41) 79 5 72 16
 69 0 78 24(109) 20 20 66 66 0 68 24 79(250)

 HA=138.1 HI= 29.5 GGW= 39.7 SL= 0.0 MAX(A,B,C,D)= 7.8 6.8 7.4 7.4

Main boom and fixed jib (jib angle 20.0 degrees)

Length of main boom = 145.0 ft Length of jib = 29.5 ft
 Main boom sequence = 0-0-45-100-100-100 % LK = 55
 Counterweight = 39.7 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.			
		1(0)		2(...)		3(90)		6(...)					
A	B	C	D	A	B	C	D	A	B	C	D		
45.9	23.8	62	62	35	35	72	46	47	27(34)	71	25	66	31
		67	22	69	35(105)	34	34	62	62	22	67	35	69(254)
52.5	22.3	65	65	31	31	79	43	49	21(39)	76	19	70	26
		69	15	75	33(109)	30	30	65	65	15	69	34	75(250)
59.1	20.7	67	67	28	28	84	41	49	16(39)	80	14	73	22
		73	9	78	29(107)	27	27	68	68	9	73	30	78(252)
65.6	17.2	66	66	27	27	83	40	48	15(39)	80	12	73	21
		72	8	78	28(107)	26	26	67	67	8	72	29	78(252)
72.2	14.3	65	65	26	26	82	39	47	15(39)	79	11	72	21
		72	7	77	28(107)	25	25	67	67	7	71	28	77(252)
78.7	11.9	65	65	26	26	82	39	47	14(39)	79	10	72	20
		71	6	77	27(107)	24	24	66	66	6	71	28	77(252)
85.3	9.9	64	64	25	25	82	38	46	13(39)	78	9	72	19
		71	5	77	26(107)	23	23	66	66	5	70	27	77(252)
91.9	8.4	65	65	24	24	82	37	47	12(40)	79	8	72	18
		71	4	77	26(108)	22	22	66	66	3	70	27	77(251)
98.4	7.1	65	65	23	23	83	36	46	11(40)	79	7	73	17
		71	2	78	25(108)	22	22	66	66	2	70	26	78(251)
105.0	5.7	64	64	23	23	83	36	46	10(40)	79	6	73	17
		71	1	78	25(108)	21	21	66	66	1	70	25	78(251)
111.5	4.6	64	64	22	22	83	35	46	9(41)	79	5	73	16
		70	0	78	25(109)	20	20	66	66	0	70	25	78(250)
118.1	3.5	64	64	22	22	83	34	46	9(41)	79	5	73	16
		70	0	78	24(109)	20	20	66	66	0	69	25	79(250)
124.7	2.6	64	64	22	22	84	34	46	8(41)	80	4	73	15
		69	0	80	23(109)	19	19	66	66	0	68	23	80(250)

 HA=145.0 HI= 29.5 GGW= 39.7 SL= 0.0 MAX(A,B,C,D)= 7.8 6.8 7.4 7.4

Main boom and fixed jib (jib angle 20.0 degrees)

Length of main boom = 152.2 ft Length of jib = 29.5 ft
 Main boom sequence = 0-0-90-90-90-90 % LK = 62
 Counterweight = 39.7 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.
		1(0)		2(...)		3(90)				

	4(...)				5(180)				6(...)					
	A	B	C	D	A	B	C	D	A	B	C	D		
45.9	26.5	65	65	33	33	79	45	49	23	(38)	77	21	70	28
	70	17	75	34	(109)	32	32	66	66	17	69	35	75	(250)
52.5	23.8	67	67	30	30	83	43	49	18	(38)	80	16	73	24
	71	11	78	33	(111)	29	29	68	68	11	71	33	78	(248)
59.1	19.8	66	66	28	28	83	41	48	17	(39)	80	14	73	22
	73	9	78	29	(107)	27	27	67	67	9	72	30	78	(252)
65.6	16.5	66	66	27	27	83	40	48	15	(39)	80	12	73	21
	72	8	77	28	(107)	26	26	67	67	8	72	29	78	(252)
72.2	13.7	65	65	26	26	82	39	47	14	(39)	79	11	72	21
	72	7	77	28	(107)	25	25	67	67	6	71	28	77	(252)
78.7	11.5	65	65	25	25	82	38	47	13	(40)	79	10	72	19
	71	5	77	27	(108)	24	24	67	67	5	71	28	78	(251)
85.3	9.5	65	65	25	25	82	37	47	12	(40)	79	9	72	19
	71	4	77	26	(108)	23	23	66	66	4	70	27	78	(251)
91.9	7.9	65	65	24	24	83	37	46	11	(40)	79	7	73	18
	71	3	78	26	(108)	22	22	67	67	2	70	26	78	(251)
98.4	6.4	65	65	23	23	83	36	46	11	(40)	79	7	72	17
	71	2	78	25	(108)	21	21	66	66	2	70	26	78	(251)
105.0	5.3	65	65	22	22	84	35	47	9	(41)	80	5	73	16
	71	0	78	25	(109)	21	21	67	67	0	70	25	79	(250)
111.5	4.0	64	64	22	22	83	35	46	9	(41)	79	5	73	16
	70	0	78	25	(109)	20	20	66	66	0	69	25	78	(250)
118.1	2.9	64	64	22	22	83	34	46	9	(41)	79	5	72	16
	69	0	78	24	(109)	20	20	66	66	0	69	24	79	(250)

HA=152.2 HI= 29.5 GGW= 39.7 SL= 0.0 MAX(A,B,C,D)= 7.8 6.7 7.3 7.3

Main boom and fixed jib (jib angle 20.0 degrees)

Length of main boom = 161.4 ft Length of jib = 29.5 ft
Main boom sequence = 0-0-100-100-100-100 % LK = 63
Counterweight = 39.7 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.					
	1(0)	2(...)	3(90)		1(0)	2(...)	3(90)							
	4(...)				5(180)				6(...)					
	A	B	C	D	A	B	C	D	A	B	C	D		
52.5	22.3	65	65	30	30	80	43	49	20	(39)	77	18	71	26
	69	13	76	33	(110)	30	30	66	66	13	69	34	76	(249)
59.1	19.4	66	66	28	28	82	42	48	17	(38)	79	14	72	23
	70	9	78	32	(111)	27	27	67	67	9	69	32	78	(248)
65.6	16.3	66	66	27	27	82	40	48	16	(39)	79	13	72	22
	72	8	77	28	(107)	26	26	67	67	8	71	29	77	(252)
72.2	13.7	65	65	26	26	82	39	47	14	(39)	79	11	72	21
	72	7	77	28	(107)	25	25	67	67	6	71	28	77	(252)
78.7	11.5	65	65	25	25	83	38	47	13	(40)	79	10	72	19
	71	5	77	27	(108)	24	24	67	67	5	71	28	78	(251)
85.3	9.5	65	65	24	24	82	37	47	12	(40)	79	9	72	19
	71	4	77	26	(108)	23	23	66	66	4	70	27	78	(251)
91.9	7.7	64	64	24	24	82	37	46	12	(40)	79	8	72	18
	71	3	77	26	(108)	22	22	66	66	3	70	26	77	(251)
98.4	6.4	65	65	23	23	83	36	46	11	(40)	79	7	73	17
	71	2	78	25	(108)	21	21	66	66	2	70	26	78	(251)

105.0 5.1 64 64 23 23 83 36 46 10(40) 79 6 73 17
 71 1 78 25(108) 21 21 66 66 1 70 25 78(251)
 111.5 4.0 64 64 22 22 83 35 46 9(41) 79 5 73 16
 70 0 78 24(109) 20 20 66 66 0 69 25 79(250)
 118.1 2.9 64 64 22 22 83 34 46 9(41) 79 5 73 16
 69 0 79 24(109) 20 20 66 66 0 69 24 79(250)

 HA=161.4 HI= 29.5 GGW= 39.7 SL= 0.0 MAX(A,B,C,D)= 7.7 6.6 7.3 7.4

Main boom and fixed jib (jib angle 20.0 degrees)

Length of main boom = 166.0 ft Length of jib = 29.5 ft
 Main boom sequence = 0-45-90-90-90-90 % LK = 68
 Counterweight = 39.7 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
		1(0)		2(...)		3(90)		6(...)						
		A	B	C	D	A	B	C	D		A	B	C	D
52.5	21.8	65	65	30	30	80	43	48	20(37)	78	17	71	25	
		70	13	76	33(110)	29	29	66	66	12	69	33	76(249)	
59.1	18.1	65	65	29	29	80	42	47	18(38)	78	15	71	23	
		69	10	77	32(111)	28	28	66	66	10	69	32	77(248)	
65.6	15.0	65	65	27	27	81	41	47	16(38)	78	13	71	22	
		71	9	76	28(106)	26	26	66	66	9	71	29	76(253)	
72.2	12.3	64	64	26	26	81	39	47	15(39)	78	11	71	21	
		71	7	76	28(107)	25	25	66	66	7	70	28	76(252)	
78.7	10.1	64	64	26	26	81	38	46	14(39)	78	10	71	20	
		71	6	76	27(107)	24	24	66	66	6	70	27	76(252)	
85.3	8.2	64	64	25	25	81	38	46	13(39)	78	9	71	19	
		70	5	76	26(107)	23	23	65	65	5	70	27	76(252)	
91.9	6.6	64	64	24	24	81	37	46	12(40)	78	8	71	18	
		70	3	77	26(108)	22	22	66	66	3	69	26	77(251)	
98.4	5.3	64	64	23	23	82	36	46	11(40)	78	7	72	17	
		70	2	77	25(108)	21	21	66	66	2	69	26	77(251)	
105.0	4.0	64	64	23	23	82	35	45	10(40)	78	6	72	17	
		70	1	77	25(108)	21	21	66	66	1	69	25	77(251)	
111.5	2.9	64	64	22	22	82	35	45	9(40)	78	5	72	16	
		70	0	77	24(108)	20	20	66	66	0	69	25	77(251)	

 HA=166.0 HI= 29.5 GGW= 39.7 SL= 0.0 MAX(A,B,C,D)= 7.6 6.6 7.2 7.2

Main boom and fixed jib (jib angle 20.0 degrees)

Length of main boom = 175.5 ft Length of jib = 29.5 ft
 Main boom sequence = 0-45-100-100-100-100 % LK = 69
 Counterweight = 39.7 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
		1(0)		2(...)		3(90)		6(...)						
		A	B	C	D	A	B	C	D		A	B	C	D
52.5	21.4	65	65	30	30	80	42	49	20(39)	77	17	71	25	
		69	13	75	33(110)	30	30	66	66	13	69	33	76(249)	
59.1	17.6	64	64	29	29	79	42	47	19(37)	77	15	71	24	
		69	11	76	32(110)	28	28	65	65	11	68	32	76(249)	

65.6	14.6	64	64	28	28	80	41	47	17(38)	77	14	71	22
		71	10	75	29(106)	26	26	65	65	10	70	29	75(253)
72.2	12.1	64	64	27	27	80	39	47	15(39)	77	12	71	21
		70	8	75	28(107)	25	25	65	65	7	70	28	76(252)
78.7	9.9	64	64	26	26	80	38	46	14(39)	77	11	71	20
		70	6	76	27(107)	24	24	65	65	6	69	28	76(252)
85.3	7.9	63	63	25	25	80	38	46	13(39)	77	10	71	20
		70	6	75	26(107)	23	23	65	65	5	69	27	76(252)
91.9	6.4	63	63	24	24	80	37	45	13(39)	77	9	71	19
		70	4	76	26(107)	22	22	65	65	4	69	26	76(252)
98.4	5.1	63	63	24	24	81	36	46	11(40)	78	7	71	18
		69	3	76	26(108)	22	22	65	65	3	69	26	77(251)
105.0	3.7	63	63	23	23	81	36	45	11(40)	78	7	71	17
		69	2	76	25(108)	21	21	65	65	2	69	26	77(251)
111.5	2.6	63	63	23	23	81	35	45	10(40)	78	6	71	17
		69	1	77	25(108)	21	21	65	65	1	69	25	77(251)

 HA=175.5 HI= 29.5 GGW= 39.7 SL= 0.0 MAX(A,B,C,D)= 7.6 6.5 7.1 7.1

Main boom and fixed jib (jib angle 20.0 degrees)

Length of main boom = 180.1 ft Length of jib = 29.5 ft
 Main boom sequence = 0-90-90-90-90-90 % LK = 73
 Counterweight = 39.7 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
	1(0)				2(...)								
	3(90)				4(...)								
	A	B	C	D	A	B	C	D	A	B	C	D	
59.1	16.3	63	63	29	29	78	42	47	19(37)	76	16	70	24
		68	12	75	32(110)	28	28	65	65	11	67	32	75(249)
65.6	13.4	63	63	28	28	79	40	46	17(38)	76	14	70	23
		67	9	75	31(111)	26	26	65	65	9	67	31	75(248)
72.2	10.8	63	63	27	27	78	40	46	16(38)	76	13	70	22
		69	9	74	28(106)	26	26	65	65	9	69	28	74(253)
78.7	8.8	63	63	26	26	79	39	45	15(38)	76	11	70	21
		70	7	75	27(106)	24	24	65	65	7	69	27	75(253)
85.3	6.8	63	63	25	25	79	38	45	14(39)	76	10	70	20
		69	6	75	27(107)	24	24	64	64	6	68	27	75(252)
91.9	5.3	63	63	25	25	79	37	45	13(39)	76	9	70	19
		69	5	75	26(107)	23	23	65	65	5	68	26	75(252)
98.4	4.0	63	63	24	24	80	37	45	12(39)	77	8	70	18
		69	4	75	25(107)	22	22	65	65	3	69	26	75(252)
105.0	2.6	62	62	23	23	80	36	45	11(39)	77	7	70	18
		69	3	75	25(107)	21	21	65	65	3	68	25	75(252)

 HA=180.1 HI= 29.5 GGW= 39.7 SL= 0.0 MAX(A,B,C,D)= 7.4 6.4 7.0 7.0

Main boom and fixed jib (jib angle 20.0 degrees)

Length of main boom = 191.9 ft Length of jib = 29.5 ft
 Main boom sequence = 0-100-100-100-100-100 % LK = 74
 Counterweight = 39.7 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.
	1(0)				2(...)				
	3(90)				4(...)				

	4(...)				5(180)				6(...)					
	A	B	C	D	A	B	C	D	A	B	C	D		
59.1	15.7	63	63	30	30	77	41	47	20	(39)	75	17	69	25
	67	13	73	32	(109)	28	28	64	64	13	67	32	73	(250)
65.6	12.8	63	63	28	28	77	41	46	18	(37)	75	15	69	23
	67	11	74	31	(110)	27	27	64	64	11	66	31	74	(249)
72.2	10.4	62	62	27	27	77	40	45	17	(37)	75	13	69	22
	69	10	73	28	(105)	26	26	64	64	9	69	28	73	(254)
78.7	8.4	62	62	26	26	78	39	45	15	(38)	75	12	69	21
	69	8	74	27	(106)	25	25	64	64	8	68	28	74	(253)
85.3	6.4	62	62	26	26	78	38	45	15	(38)	75	11	69	21
	69	7	73	27	(106)	24	24	64	64	7	68	27	74	(253)
91.9	4.9	62	62	25	25	78	38	45	14	(38)	75	10	69	20
	69	6	74	26	(106)	23	23	64	64	6	68	26	74	(253)
98.4	3.5	62	62	24	24	78	37	45	13	(39)	75	9	70	19
	68	5	74	26	(107)	22	22	64	64	4	68	26	75	(252)
105.0	2.4	62	62	24	24	79	36	45	12	(39)	76	8	70	18
	69	3	75	25	(107)	22	22	64	64	3	68	26	75	(252)

HA=191.9 HI= 29.5 GGW= 39.7 SL= 0.0 MAX(A,B,C,D)= 7.4 6.4 6.9 7.0

Main boom and fixed jib (jib angle 20.0 degrees)
Length of main boom = 193.9 ft Length of jib = 29.5 ft
Main boom sequence = 45-90-90-90-90-90 % LK = 76
Counterweight = 39.7 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.					
	1(0)	2(...)	3(90)		1(0)	2(...)	3(90)							
	4(...)				5(180)				6(...)					
	A	B	C	D	A	B	C	D	A	B	C	D		
59.1	14.3	62	62	30	30	76	41	47	20	(38)	74	17	68	25
	67	13	73	32	(109)	28	28	63	63	13	66	32	73	(250)
65.6	11.5	62	62	28	28	76	41	45	19	(37)	74	15	68	24
	66	11	73	31	(110)	27	27	63	63	11	65	31	73	(249)
72.2	9.0	62	62	27	27	76	40	45	17	(37)	74	13	68	22
	68	10	72	28	(105)	26	26	63	63	10	68	28	73	(254)
78.7	7.1	62	62	26	26	77	39	45	16	(38)	74	12	69	21
	68	8	73	27	(106)	25	25	63	63	8	67	28	73	(253)
85.3	5.3	62	62	26	26	77	38	45	15	(38)	75	11	69	20
	68	7	73	26	(106)	24	24	63	63	7	68	27	73	(253)
91.9	3.7	62	62	25	25	77	37	44	14	(38)	75	10	69	19
	68	6	73	26	(106)	23	23	63	63	6	68	26	74	(253)
98.4	2.2	61	61	24	24	77	37	44	13	(38)	74	9	69	19
	68	5	73	25	(106)	22	22	63	63	5	67	26	73	(253)

HA=193.9 HI= 29.5 GGW= 39.7 SL= 0.0 MAX(A,B,C,D)= 7.2 6.3 6.8 6.8

Main boom and fixed jib (jib angle 20.0 degrees)
Length of main boom = 205.7 ft Length of jib = 29.5 ft
Main boom sequence = 45-100-100-100-100-100 % LK = 77
Counterweight = 39.7 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.
	1(0)	2(...)	3(90)		1(0)	2(...)	3(90)		

	4(...)				5(180)				6(...)					
	A	B	C	D	A	B	C	D	A	B	C	D		
65.6	11.0	61	61	29	29	75	41	45	19	(36)	73	16	68	24
		66	12	72	31(109)	27	27	63	63	12	65	31	72(250)	
72.2	8.6	61	61	28	28	75	40	45	18	(37)	73	14	68	23
		66	10	72	30(109)	26	26	63	63	10	65	30	72(250)	
78.7	6.6	61	61	27	27	76	39	44	17	(37)	73	13	68	22
		68	9	72	27(105)	25	25	63	63	9	67	28	72(254)	
85.3	4.9	61	61	26	26	76	39	44	16	(37)	73	12	68	21
		68	8	72	26(105)	24	24	63	63	8	67	27	72(254)	
91.9	3.3	61	61	26	26	76	37	44	15	(38)	73	11	68	20
		67	7	72	26(106)	23	23	63	63	7	67	27	73(253)	

HA=205.7 HI= 29.5 GGW= 39.7 SL= 0.0 MAX(A,B,C,D)= 7.1 6.2 6.7 6.7

HA=205.7 HI= 29.5 GGW= 39.7 SL= 0.0 MAX(A,B,C,D)= 0.0 0.0 0.0 0.0

HA=205.7 HI= 29.5 GGW= 39.7 SL= 0.0 MAX(A,B,C,D)= 0.0 0.0 0.0 0.0

Programm L A M O S 9 9 Version 1.08 vom 29.09.02

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H

DEMAG Mobile Cranes

O U T R I G G E R - L O A D I N G S

(Variance = +-10%)

PSI= 1.00

Crane : *** AC 200-1 *** mit HKHI fuer GA und MS

Outrigger width = 18.7 ft	Outrigger length = 27.7 ft
Outrigger "A" X = 12.0 ft	Outrigger "A" Y = 9.4 ft
Outrigger "B" X = 12.0 ft	Outrigger "B" Y = -9.4 ft
Outrigger "C" X = -15.7 ft	Outrigger "C" Y = 9.4 ft
Outrigger "D" X = -15.7 ft	Outrigger "D" Y = -9.4 ft

Main boom and fixed jib (jib angle 40.0 degrees)

Length of main boom = 40.7 ft Length of jib = 29.5 ft

Main boom sequence = 0-0-0-0-0-0 % LK = 1

Counterweight = 39.7 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.					
	1(0)	2(...)	3(90)		3(90)									
	4(...)				5(180)				6(...)					
	A	B	C	D	A	B	C	D	A	B	C	D		
23.0	22.7	43	43	53	53	38	52	45	56	(59)	39	56	42	54
		44	57	40	50(128)	52	52	43	43	57	44	50	40(232)	
26.2	21.6	44	44	51	51	41	50	46	53	(59)	42	52	44	52
		45	53	43	49(128)	50	50	45	45	53	45	49	43(232)	
29.5	20.7	46	46	49	49	45	48	47	50	(59)	45	49	47	49
		46	49	46	48(127)	48	48	47	47	49	46	48	46(232)	

32.8 20.1 48 48 47 47 49 46 48 46(59) 48 45 49 47
 47 45 49 47(127) 46 46 49 49 45 47 47 49(232)
 39.4 18.7 51 51 43 43 55 42 50 40(59) 54 39 53 41
 50 37 55 46(128) 42 42 52 52 37 50 46 55(232)
 45.9 17.6 54 54 39 39 58 51 42 36(14) 60 32 58 36
 60 32 58 36(90) 38 38 56 56 32 60 36 58(270)

 HA= 40.7 HI= 29.5 GGW= 39.7 SL= 0.0 MAX(A,B,C,D)= 5.6 5.6 5.4 5.4

Main boom and fixed jib (jib angle 40.0 degrees)
 Length of main boom = 54.5 ft Length of jib = 29.5 ft
 Main boom sequence = 0-0-0-0-0-45 % LK = 7
 Counterweight = 39.7 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.															
		1(0)		2(...)		3(90)		6(...)																	
		A	B	C	D	A	B	C	D		A	B	C	D											
26.2	22.3	44	44	51	51	41	50	47	53(59)	42	52	44	52	45	53	43	49(128)	50	50	45	45	53	45	49	43(232)
29.5	21.4	46	46	49	49	45	48	47	50(59)	45	49	47	50	46	49	46	49(128)	48	48	47	47	49	46	49	46(232)
32.8	20.7	48	48	47	47	48	46	48	47(59)	48	46	49	47	47	46	49	48(127)	46	46	49	49	46	47	48	49(232)
39.4	19.4	51	51	43	43	55	43	50	41(59)	54	39	53	42	50	39	54	46(128)	42	42	52	52	39	50	46	54(232)
45.9	18.5	54	54	39	39	56	52	41	38(10)	59	33	57	37	59	33	57	37(90)	39	39	55	55	33	59	37	57(270)
52.5	17.6	57	57	36	36	65	47	44	31(27)	65	27	62	33	63	26	63	35(99)	35	35	58	58	25	63	35	63(260)
59.1	17.4	62	62	32	32	74	43	46	23(36)	72	20	67	27	66	17	71	33(107)	31	31	63	63	17	66	33	71(252)

 HA= 54.5 HI= 29.5 GGW= 39.7 SL= 0.0 MAX(A,B,C,D)= 6.8 6.1 6.6 6.6

Main boom and fixed jib (jib angle 40.0 degrees)
 Length of main boom = 68.6 ft Length of jib = 29.5 ft
 Main boom sequence = 0-0-0-0-0-90 % LK = 13
 Counterweight = 39.7 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.															
		1(0)		2(...)		3(90)		6(...)																	
		A	B	C	D	A	B	C	D		A	B	C	D											
29.5	21.8	46	46	49	49	45	49	47	50(59)	45	49	47	50	46	50	46	49(128)	49	49	47	47	50	46	49	46(232)
32.8	21.2	48	48	47	47	48	47	48	47(59)	48	46	49	47	47	46	49	48(127)	47	47	49	49	46	47	48	49(232)
39.4	20.1	51	51	44	44	55	43	50	41(59)	54	40	53	43	50	39	54	46(128)	43	43	52	52	39	50	46	54(232)
45.9	19.2	54	54	40	40	56	52	41	39(8)	59	34	57	38	59	34	57	38(90)	39	39	55	55	34	59	38	57(270)
52.5	18.3	57	57	36	36	64	48	44	31(26)	65	28	61	33	63	27	63	35(98)	35	35	58	58	26	63	35	63(261)

59.1 17.6 60 60 33 33 71 45 46 25(34) 70 22 65 29
 65 19 69 33(105) 32 32 62 62 19 65 34 69(254)
 65.6 17.0 63 63 29 29 78 42 47 19(37) 75 16 70 24
 68 12 74 32(110) 28 28 65 65 12 67 32 74(249)
 72.2 15.4 65 65 27 27 82 40 47 15(39) 78 12 72 21
 71 8 77 28(107) 26 26 66 66 8 71 29 77(252)

 HA= 68.6 HI= 29.5 GGW= 39.7 SL= 0.0 MAX(A,B,C,D)= 7.6 6.6 7.1 7.1

Main boom and fixed jib (jib angle 40.0 degrees)

Length of main boom = 70.2 ft Length of jib = 29.5 ft
 Main boom sequence = 0-0-0-0-0-100 % LK = 14
 Counterweight = 39.7 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.			
		1(0)				2(...)							
		4(...)				5(180)				6(...)			
		A	B	C	D	A	B	C	D	A	B	C	D
29.5	21.8	46	46	49	49	45	49	47	50(59)	45	49	47	50
		46	50	46	49(128)	49	49	47	47	50	46	49	46(232)
32.8	21.2	48	48	47	47	48	47	48	47(59)	48	46	49	47
		47	46	49	48(127)	47	47	49	49	46	47	48	49(232)
39.4	20.1	51	51	44	44	55	43	50	41(59)	54	40	53	43
		50	39	54	46(128)	43	43	52	52	39	50	46	54(232)
45.9	19.2	54	54	40	40	56	52	41	39(7)	59	34	57	38
		59	34	57	38(90)	39	39	55	55	34	59	38	57(270)
52.5	17.9	56	56	37	37	63	49	43	32(24)	63	29	60	34
		62	28	62	35(96)	36	36	58	58	28	62	35	62(263)
59.1	16.3	58	58	34	34	68	46	44	28(31)	67	24	63	31
		64	22	65	34(102)	33	33	60	60	22	64	34	66(257)
65.6	15.2	61	61	31	31	73	43	46	23(36)	71	20	66	27
		65	16	70	32(107)	30	30	62	62	16	65	33	70(252)
72.2	14.1	63	63	29	29	77	41	46	19(37)	75	15	69	24
		67	11	74	31(110)	27	27	64	64	11	67	32	74(249)

 HA= 70.2 HI= 29.5 GGW= 39.7 SL= 0.0 MAX(A,B,C,D)= 7.2 6.2 6.9 6.9

Main boom and fixed jib (jib angle 40.0 degrees)

Length of main boom = 82.3 ft Length of jib = 29.5 ft
 Main boom sequence = 0-0-0-0-45-90 % LK = 20
 Counterweight = 39.7 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.			
		1(0)				2(...)							
		4(...)				5(180)				6(...)			
		A	B	C	D	A	B	C	D	A	B	C	D
32.8	21.6	48	48	47	47	49	47	49	47(59)	49	46	49	47
		48	46	49	48(127)	47	47	49	49	46	48	48	49(232)
39.4	20.5	51	51	44	44	55	43	50	41(59)	54	40	53	42
		50	39	55	46(128)	43	43	52	52	39	50	46	55(232)
45.9	19.6	54	54	40	40	56	52	41	38(9)	60	34	58	38
		60	34	58	38(90)	39	39	55	55	34	60	38	58(270)
52.5	18.7	58	58	36	36	65	48	44	31(27)	65	28	62	33
		63	26	63	35(98)	35	35	58	58	26	63	35	63(261)

59.1 18.3 61 61 33 33 72 44 46 24(35) 71 22 66 29
 66 19 69 33(106) 32 32 62 62 19 65 34 69(253)
 65.6 17.6 64 64 29 29 78 42 47 19(37) 76 16 70 24
 68 12 75 32(110) 28 28 65 65 11 68 32 75(249)
 72.2 15.9 65 65 27 27 82 40 47 16(39) 78 13 72 22
 71 8 77 28(107) 26 26 66 66 8 71 29 77(252)
 78.7 13.2 65 65 26 26 81 39 47 15(39) 78 12 71 21
 71 7 76 28(107) 25 25 66 66 7 70 28 76(252)
 85.3 11.2 65 65 26 26 81 39 46 14(39) 78 10 72 20
 71 6 77 27(107) 24 24 66 66 6 70 27 77(252)

 HA= 82.3 HI= 29.5 GGW= 39.7 SL= 0.0 MAX(A,B,C,D)= 7.6 6.6 7.1 7.1

Main boom and fixed jib (jib angle 40.0 degrees)

Length of main boom = 84.0 ft Length of jib = 29.5 ft
 Main boom sequence = 0-0-0-0-45-100 % LK = 21
 Counterweight = 39.7 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.
	1(0)		2(...)		3(90)		4(...)		
	A	B	C	D	A	B	C	D	
32.8 21.6	48	48	47	47	49	47	49	47(59)	48 46 49 47
	48	46	49	48(127)	47	47	49	49	46 48 48 49(232)
39.4 20.5	51	51	44	44	55	43	50	41(59)	54 40 53 42
	50	39	55	46(128)	43	43	52	52	39 50 46 55(232)
45.9 19.6	54	54	40	40	56	52	42	39(9)	60 34 58 38
	60	34	58	38(90)	39	39	55	55	34 60 38 58(270)
52.5 18.5	57	57	37	37	64	48	44	32(26)	64 28 61 34
	63	27	62	35(97)	35	35	58	58	27 63 35 63(262)
59.1 17.6	60	60	33	33	71	45	46	26(34)	69 23 65 30
	65	20	68	34(105)	32	32	61	61	20 65 34 68(254)
65.6 16.3	62	62	31	31	75	42	47	21(37)	73 19 68 26
	67	15	72	32(108)	30	30	63	63	15 66 33 72(251)
72.2 15.2	64	64	28	28	79	41	47	17(38)	77 14 71 23
	68	9	76	31(111)	27	27	65	65	9 67 32 76(248)
78.7 13.4	65	65	26	26	81	39	47	15(39)	78 11 72 21
	71	7	76	28(107)	25	25	66	66	7 71 28 77(252)
85.3 11.2	64	64	26	26	81	39	46	14(39)	78 11 71 20
	71	6	76	27(107)	24	24	66	66	6 70 28 77(252)

 HA= 84.0 HI= 29.5 GGW= 39.7 SL= 0.0 MAX(A,B,C,D)= 7.6 6.6 7.1 7.1

Main boom and fixed jib (jib angle 40.0 degrees)

Length of main boom = 96.5 ft Length of jib = 29.5 ft
 Main boom sequence = 0-0-0-0-90-90 % LK = 28
 Counterweight = 39.7 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.
	1(0)		2(...)		3(90)		4(...)		
	A	B	C	D	A	B	C	D	
39.4 20.7	51	51	43	43	56	43	50	41(59)	54 40 53 42
	50	39	55	46(128)	43	43	52	52	39 50 46 55(232)

45.9	19.8	54	54	40	40	57	52	42	38(10)	60	34	58	38
		60	34	58	38(90)	39	39	56	56	34	60	38	58(270)
52.5	19.2	58	58	36	36	65	48	44	31(27)	65	28	62	33
		63	26	64	35(99)	35	35	59	59	26	63	35	64(260)
59.1	18.5	61	61	33	33	73	44	46	25(35)	71	22	66	29
		66	19	69	33(106)	32	32	62	62	19	66	34	70(253)
65.6	17.9	64	64	29	29	78	42	47	19(37)	76	16	70	24
		68	12	75	32(110)	28	28	65	65	12	68	32	75(249)
72.2	16.1	65	65	27	27	82	40	47	16(39)	78	13	72	22
		71	9	77	29(107)	26	26	66	66	8	71	29	77(252)
78.7	13.7	65	65	26	26	81	39	47	15(39)	78	12	72	21
		71	7	77	28(107)	25	25	66	66	7	71	28	77(252)
85.3	11.5	64	64	26	26	81	39	47	14(39)	78	11	71	20
		71	6	76	27(107)	24	24	66	66	6	70	28	76(252)
91.9	9.7	64	64	25	25	81	38	46	13(39)	78	10	71	19
		71	5	76	26(107)	23	23	66	66	5	70	27	77(252)

 HA= 96.5 HI= 29.5 GGW= 39.7 SL= 0.0 MAX(A,B,C,D)= 7.6 6.6 7.1 7.1

Main boom and fixed jib (jib angle 40.0 degrees)
 Length of main boom = 100.4 ft Length of jib = 29.5 ft
 Main boom sequence = 0-0-0-0-100-100 % LK = 29
 Counterweight = 39.7 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
	1(0)		2(...)		3(90)		4(...)						
	A	B	C	D	A	B	C	D					
39.4	20.7	51	51	44	44	55	43	50	41(59)	54	40	53	42
		50	39	55	46(128)	43	43	52	52	39	50	46	55(232)
45.9	19.8	54	54	40	40	56	52	42	38(9)	60	34	58	38
		60	34	58	38(90)	39	39	55	55	34	60	38	58(270)
52.5	19.0	58	58	36	36	65	48	44	31(26)	65	28	62	33
		63	27	63	35(98)	35	35	58	58	26	63	35	63(261)
59.1	18.1	60	60	33	33	71	45	46	26(34)	70	22	65	29
		65	20	68	34(105)	32	32	61	61	20	65	34	69(254)
65.6	17.0	63	63	30	30	77	42	47	21(38)	74	18	69	26
		67	14	73	32(109)	29	29	64	64	14	67	33	73(250)
72.2	15.9	65	65	28	28	80	41	47	17(38)	78	13	71	22
		71	9	76	29(106)	26	26	66	66	9	71	29	76(253)
78.7	13.7	65	65	27	27	81	39	47	15(39)	78	12	71	21
		71	7	76	28(107)	25	25	66	66	7	70	28	76(252)
85.3	11.7	65	65	26	26	81	39	47	14(39)	78	11	72	20
		71	6	77	27(107)	24	24	66	66	6	70	28	77(252)
91.9	9.9	64	64	25	25	81	38	46	13(39)	78	9	72	19
		71	5	77	26(107)	23	23	66	66	5	70	27	77(252)
98.4	8.4	64	64	24	24	82	37	46	12(40)	78	8	72	19
		70	4	77	26(108)	23	23	66	66	4	70	27	77(251)

 HA=100.4 HI= 29.5 GGW= 39.7 SL= 0.0 MAX(A,B,C,D)= 7.6 6.6 7.1 7.2

Main boom and fixed jib (jib angle 40.0 degrees)
 Length of main boom = 110.2 ft Length of jib = 29.5 ft
 Main boom sequence = 0-0-0-45-90-90 % LK = 36

Counterweight = 39.7 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]												(Pos.[Degrees])	0-360 Degr.	
	1(0)				2(...)				3(90)						
	4(...)				5(180)				6(...)						
A	B	C	D	A	B	C	D	A	B	C	D				
39.4	20.9	52	52	43	43	56	43	51	40(59)	55	39	54	42		
		50	38	56	46(128)	42	42	53	53	38	50	46	56(232)		
45.9	20.1	55	55	39	39	58	52	42	37(13)	61	33	58	37		
		61	33	58	37(90)	39	39	56	56	33	61	37	58(270)		
52.5	19.4	58	58	36	36	67	47	45	30(29)	66	27	63	32		
		64	25	65	35(100)	35	35	59	59	25	64	35	65(259)		
59.1	18.7	62	62	32	32	74	44	47	24(36)	72	21	67	28		
		66	18	71	33(107)	31	31	63	63	17	66	34	71(252)		
65.6	18.3	65	65	29	29	80	42	47	18(38)	78	15	71	23		
		69	10	77	32(111)	28	28	66	66	10	69	32	77(248)		
72.2	15.9	65	65	27	27	82	40	47	16(39)	78	13	72	22		
		71	8	77	29(107)	26	26	66	66	8	71	29	77(252)		
78.7	13.4	65	65	26	26	81	39	47	15(39)	78	11	72	21		
		71	7	77	28(107)	25	25	66	66	7	71	28	77(252)		
85.3	11.2	64	64	26	26	81	39	46	14(39)	78	11	71	20		
		71	6	76	27(107)	24	24	66	66	6	70	28	76(252)		
91.9	9.5	64	64	25	25	81	38	46	13(39)	78	10	71	19		
		70	5	76	26(107)	24	24	66	66	5	70	27	76(252)		
98.4	8.2	64	64	24	24	82	37	46	12(40)	79	8	72	18		
		71	3	77	26(108)	22	22	66	66	3	70	26	77(251)		
105.0	6.8	64	64	23	23	83	36	46	11(40)	79	7	72	17		
		71	2	78	25(108)	22	22	66	66	2	70	26	78(251)		

HA=110.2 HI= 29.5 GGW= 39.7 SL= 0.0 MAX(A,B,C,D)= 7.7 6.6 7.2 7.2

Main boom and fixed jib (jib angle 40.0 degrees)

Length of main boom = 114.5 ft Length of jib = 29.5 ft

Main boom sequence = 0-0-0-45-100-100 % LK = 37

Counterweight = 39.7 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]												(Pos.[Degrees])	0-360 Degr.	
	1(0)				2(...)				3(90)						
	4(...)				5(180)				6(...)						
A	B	C	D	A	B	C	D	A	B	C	D				
39.4	20.9	52	52	43	43	56	43	51	40(59)	55	39	54	42		
		50	38	56	46(128)	42	42	52	52	38	50	46	56(232)		
45.9	20.1	55	55	39	39	58	52	42	37(13)	61	33	58	37		
		61	33	58	37(90)	39	39	56	56	33	61	37	58(270)		
52.5	19.4	58	58	36	36	66	47	45	30(29)	66	27	63	33		
		64	25	64	35(100)	35	35	59	59	25	64	35	65(259)		
59.1	18.5	61	61	33	33	73	44	46	24(35)	71	21	66	28		
		66	18	70	33(106)	32	32	62	62	18	66	34	70(253)		
65.6	17.6	64	64	29	29	78	42	47	19(37)	76	16	70	24		
		68	12	75	32(110)	28	28	65	65	12	68	32	75(249)		
72.2	15.9	65	65	27	27	81	40	47	16(39)	78	13	72	22		
		71	9	76	29(107)	26	26	66	66	9	71	29	77(252)		
78.7	13.4	65	65	26	26	81	39	47	15(39)	78	12	72	21		
		71	7	76	28(107)	25	25	66	66	7	70	28	77(252)		

85.3	11.5	64	64	26	26	81	39	47	14(39)	78	11	72	20
		71	6	76	27(107)	24	24	66	66	6	70	28	77(252)
91.9	9.7	64	64	25	25	81	38	46	13(39)	78	9	72	19
		71	5	77	26(107)	23	23	66	66	5	70	27	77(252)
98.4	8.2	64	64	24	24	82	37	46	12(40)	78	9	72	19
		70	4	77	26(108)	23	23	66	66	4	70	27	77(251)
105.0	6.8	64	64	24	24	82	36	46	11(40)	78	7	72	18
		70	3	77	26(108)	22	22	66	66	3	70	26	77(251)
111.5	5.7	64	64	23	23	83	36	46	10(40)	79	6	72	17
		71	1	78	25(108)	21	21	66	66	1	70	25	78(251)

HA=114.5 HI= 29.5 GGW= 39.7 SL= 0.0 MAX(A,B,C,D)= 7.7 6.6 7.2 7.3

Main boom and fixed jib (jib angle 40.0 degrees)

Length of main boom = 124.3 ft Length of jib = 29.5 ft

Main boom sequence = 0-0-0-90-90-90 % LK = 45

Counterweight = 39.7 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
	1(0)		2(...)		3(90)		6(...)						
	A	B	C	D	A	B	C	D	A	B	C	D	
45.9	20.3	56	56	39	39	59	51	43	36(16)	61	32	59	37
		61	32	59	37(90)	38	38	56	56	32	61	37	59(270)
52.5	19.6	59	59	35	35	67	47	45	29(30)	67	26	63	32
		65	24	65	35(101)	34	34	60	60	24	64	35	65(258)
59.1	19.0	62	62	32	32	75	43	47	23(37)	73	20	68	27
		67	17	71	33(107)	31	31	63	63	17	67	33	71(252)
65.6	18.5	66	66	28	28	82	42	47	17(38)	79	14	72	23
		72	10	77	29(106)	27	27	67	67	10	72	30	77(253)
72.2	15.7	65	65	27	27	82	40	47	16(39)	78	13	72	22
		71	8	77	28(107)	26	26	66	66	8	71	29	77(252)
78.7	13.2	65	65	26	26	81	39	47	15(39)	78	11	72	21
		71	7	77	28(107)	25	25	66	66	7	71	28	77(252)
85.3	11.2	65	65	26	26	82	39	46	14(39)	78	10	72	20
		71	6	77	27(107)	24	24	66	66	6	71	27	77(252)
91.9	9.5	64	64	25	25	82	37	47	13(40)	78	9	72	19
		70	4	77	27(108)	23	23	66	66	4	70	27	77(251)
98.4	7.9	64	64	24	24	82	37	46	12(40)	78	8	72	18
		70	4	77	26(108)	22	22	66	66	3	70	27	77(251)
105.0	6.6	64	64	24	24	82	36	46	11(40)	79	7	72	18
		70	2	77	25(108)	22	22	66	66	2	70	26	78(251)
111.5	5.5	64	64	23	23	83	36	46	10(40)	79	6	73	17
		71	1	78	25(108)	21	21	66	66	1	70	25	78(251)
118.1	4.4	64	64	22	22	84	35	46	9(41)	80	5	73	16
		70	0	78	25(109)	20	20	66	66	0	69	25	79(250)

HA=124.3 HI= 29.5 GGW= 39.7 SL= 0.0 MAX(A,B,C,D)= 7.8 6.7 7.3 7.3

Main boom and fixed jib (jib angle 40.0 degrees)

Length of main boom = 130.9 ft Length of jib = 29.5 ft

Main boom sequence = 0-0-0-100-100-100 % LK = 46

Counterweight = 39.7 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]								(Pos.[Degrees])				0-360 Degr.
	1(0)		2(...)				3(90)						
	4(...)		5(180)				6(...)						
A	B	C	D	A	B	C	D	A	B	C	D		
45.9	20.1	55	55	39	39	58	52	42	37(14)	61	33	58	37
		61	33	58	37(90)	38	38	56	56	33	61	37	58(270)
52.5	19.6	59	59	35	35	67	47	45	29(30)	67	26	63	32
		64	24	65	35(101)	35	35	60	60	24	64	35	65(258)
59.1	19.0	62	62	32	32	75	43	47	23(37)	73	20	67	28
		67	17	71	33(107)	31	31	63	63	17	67	33	71(252)
65.6	18.1	65	65	29	29	80	42	47	18(38)	78	15	71	23
		69	10	76	32(111)	28	28	66	66	10	68	32	77(248)
72.2	15.7	65	65	27	27	81	40	47	16(39)	78	13	72	22
		71	8	77	29(107)	26	26	66	66	8	71	29	77(252)
78.7	13.2	65	65	26	26	81	39	47	15(39)	78	12	72	21
		71	7	76	28(107)	25	25	66	66	7	70	28	77(252)
85.3	11.2	65	65	26	26	81	39	47	14(39)	78	10	72	20
		71	6	77	27(107)	24	24	66	66	6	70	28	77(252)
91.9	9.5	64	64	25	25	81	38	46	13(39)	78	9	72	19
		71	5	77	26(107)	23	23	66	66	5	70	27	77(252)
98.4	7.9	64	64	24	24	82	37	46	12(40)	78	8	72	19
		70	4	77	26(108)	22	22	66	66	4	70	27	77(251)
105.0	6.6	64	64	24	24	82	36	46	11(40)	78	7	72	18
		70	3	77	26(108)	22	22	66	66	3	70	26	77(251)
111.5	5.5	64	64	23	23	83	36	46	10(40)	79	6	72	17
		71	1	78	25(108)	21	21	66	66	1	70	25	78(251)
118.1	4.4	64	64	22	22	83	35	46	9(40)	79	6	72	16
		71	1	78	24(108)	21	21	66	66	0	70	25	78(251)
124.7	3.3	64	64	22	22	83	34	46	9(41)	79	5	72	16
		70	0	78	25(109)	20	20	66	66	0	69	25	78(250)

HA=130.9 HI= 29.5 GGW= 39.7 SL= 0.0 MAX(A,B,C,D)= 7.7 6.6 7.2 7.3

Main boom and fixed jib (jib angle 40.0 degrees)

Length of main boom = 138.1 ft Length of jib = 29.5 ft

Main boom sequence = 0-0-45-90-90-90 % LK = 54

Counterweight = 39.7 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]								(Pos.[Degrees])				0-360 Degr.
	1(0)		2(...)				3(90)						
	4(...)		5(180)				6(...)						
A	B	C	D	A	B	C	D	A	B	C	D		
45.9	20.3	56	56	39	39	60	51	43	36(18)	62	32	59	36
		62	32	60	36(91)	38	38	57	57	31	62	37	60(268)
52.5	19.6	60	60	35	35	69	47	45	28(31)	68	25	64	31
		65	23	66	34(102)	34	34	60	60	23	65	35	66(257)
59.1	19.2	63	63	31	31	77	43	48	21(38)	74	19	69	26
		68	15	73	33(108)	30	30	64	64	15	67	33	73(251)
65.6	18.3	66	66	28	28	82	41	48	16(39)	79	13	73	22
		72	9	77	29(107)	27	27	67	67	9	72	30	77(252)
72.2	15.2	65	65	27	27	82	40	47	15(39)	79	12	72	21
		71	8	77	28(107)	26	26	67	67	8	71	29	77(252)
78.7	12.8	65	65	26	26	82	39	47	14(39)	78	11	72	21
		71	7	77	27(107)	25	25	66	66	6	71	28	77(252)

85.3	10.6	64	64	26	26	81	38	46	14(39)	78	10	72	20
	71	6	76	27(107)		24	24	66	66	6	70	27	77(252)
91.9	9.0	65	65	24	24	82	37	47	12(40)	79	9	72	19
	71	4	77	26(108)		23	23	66	66	4	70	27	77(251)
98.4	7.5	64	64	24	24	82	37	46	11(40)	79	8	72	18
	71	3	77	26(108)		22	22	66	66	3	70	26	78(251)
105.0	6.2	64	64	23	23	83	36	46	10(40)	79	7	72	17
	71	2	78	25(108)		21	21	66	66	2	70	26	78(251)
111.5	5.1	65	65	22	22	84	35	46	9(41)	80	6	73	16
	71	0	78	25(109)		21	21	67	67	0	70	25	79(250)
118.1	3.7	64	64	22	22	83	35	45	9(40)	79	5	72	16
	70	0	78	24(108)		20	20	66	66	0	70	25	78(251)
124.7	2.6	64	64	22	22	83	34	46	9(41)	79	5	72	16
	69	0	78	24(109)		20	20	66	66	0	69	25	78(250)

 HA=138.1 HI= 29.5 GGW= 39.7 SL= 0.0 MAX(A,B,C,D)= 7.8 6.7 7.3 7.3

Main boom and fixed jib (jib angle 40.0 degrees)

Length of main boom = 145.0 ft Length of jib = 29.5 ft
 Main boom sequence = 0-0-45-100-100-100 % LK = 55
 Counterweight = 39.7 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.			
		1(0)		2(...)		3(90)		6(...)					
		A	B	C	D	A	B	C	D				
52.5	19.6	59	59	35	35	69	47	45	28(31)	68	25	64	31
	65	23	66	34(102)		34	34	60	60	23	65	35	66(257)
59.1	19.0	63	63	31	31	76	43	47	22(37)	74	19	68	27
	67	15	72	33(108)		30	30	64	64	15	67	33	73(251)
65.6	18.3	66	66	28	28	82	41	48	16(39)	79	13	73	22
	72	9	77	29(107)		27	27	67	67	9	72	30	77(252)
72.2	15.2	65	65	27	27	82	40	47	15(39)	78	12	72	21
	71	8	77	28(107)		26	26	66	66	8	71	29	77(252)
78.7	12.8	65	65	26	26	82	39	47	15(39)	78	11	72	21
	71	7	77	28(107)		25	25	66	66	7	71	28	77(252)
85.3	10.8	65	65	25	25	82	38	46	13(39)	78	10	72	20
	71	6	77	27(107)		24	24	66	66	5	71	27	77(252)
91.9	9.0	64	64	25	25	82	37	47	12(40)	78	9	72	19
	70	4	77	26(108)		23	23	66	66	4	70	27	77(251)
98.4	7.5	64	64	24	24	82	37	46	12(40)	78	8	72	18
	70	3	77	26(108)		22	22	66	66	3	70	26	77(251)
105.0	6.2	64	64	23	23	82	36	46	11(40)	79	7	72	17
	70	2	77	25(108)		21	21	66	66	2	70	26	78(251)
111.5	5.1	64	64	22	22	83	36	46	10(40)	79	6	73	17
	71	1	78	25(108)		21	21	66	66	1	70	25	78(251)
118.1	4.0	64	64	22	22	83	35	46	9(41)	79	5	73	16
	70	0	78	24(109)		20	20	66	66	0	69	25	79(250)
124.7	2.9	64	64	22	22	83	34	46	9(41)	79	5	72	16
	69	0	78	24(109)		20	20	66	66	0	69	24	79(250)

 HA=145.0 HI= 29.5 GGW= 39.7 SL= 0.0 MAX(A,B,C,D)= 7.7 6.7 7.3 7.3

Main boom and fixed jib (jib angle 40.0 degrees)

Length of main boom = 152.2 ft Length of jib = 29.5 ft
 Main boom sequence = 0-0-90-90-90-90 % LK = 62
 Counterweight = 39.7 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]								(Pos.[Degrees])				0-360 Degr.		
		1(0)				2(...)				3(90)						
		A	B	C	D	A	B	C	D	A	B	C	D			
52.5	19.8	60	60	34	34	70	46	46	27	(33)	69	24	65	30		
		65	22	68	34	(104)	33	33	61	61		22	65	35	68	(255)
59.1	19.2	64	64	30	30		78	42	48	21	(39)	75	18	69	26	
		68	14	74	32	(109)	30	30	65	65		14	68	33	74	(250)
65.6	17.9	66	66	28	28		82	41	48	16	(39)	79	13	73	22	
		72	9	77	29	(107)	26	26	67	67		9	72	29	77	(252)
72.2	14.8	65	65	27	27		82	40	47	15	(39)	79	12	72	21	
		71	7	77	28	(107)	25	25	67	67		7	71	28	77	(252)
78.7	12.3	65	65	26	26		82	39	47	14	(39)	79	11	72	20	
		71	6	77	27	(107)	24	24	66	66		6	71	28	77	(252)
85.3	10.4	65	65	25	25		82	38	47	13	(40)	79	9	72	19	
		71	5	77	27	(108)	23	23	66	66		5	70	27	77	(251)
91.9	8.6	65	65	24	24		82	37	47	12	(40)	79	8	72	18	
		71	4	77	26	(108)	22	22	66	66		3	70	27	78	(251)
98.4	7.1	64	64	24	24		82	36	46	11	(40)	79	7	72	18	
		71	2	77	26	(108)	22	22	66	66		2	70	26	78	(251)
105.0	5.7	64	64	23	23		83	36	46	10	(40)	79	6	73	17	
		71	1	78	25	(108)	21	21	66	66		1	70	25	78	(251)
111.5	4.4	64	64	22	22		83	35	46	10	(40)	79	6	72	17	
		71	1	78	24	(108)	21	21	66	66		1	70	25	78	(251)
118.1	3.3	64	64	22	22		83	34	46	9	(41)	79	5	72	16	
		70	0	78	24	(109)	20	20	66	66		0	69	25	78	(250)
124.7	2.2	64	64	22	22		83	34	46	9	(41)	79	5	72	16	
		69	0	78	24	(109)	20	20	66	66		0	68	24	78	(250)

HA=152.2 HI= 29.5 GGW= 39.7 SL= 0.0 MAX(A,B,C,D)= 7.7 6.7 7.3 7.3

Main boom and fixed jib (jib angle 40.0 degrees)

Length of main boom = 161.4 ft Length of jib = 29.5 ft
 Main boom sequence = 0-0-100-100-100-100 % LK = 63
 Counterweight = 39.7 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]								(Pos.[Degrees])				0-360 Degr.		
		1(0)				2(...)				3(90)						
		A	B	C	D	A	B	C	D	A	B	C	D			
59.1	19.2	64	64	30	30		78	42	48	21	(39)	75	18	69	26	
		68	14	74	32	(109)	30	30	65	65		14	68	33	74	(250)
65.6	17.6	66	66	28	28		82	41	48	16	(39)	79	13	72	22	
		72	9	77	29	(107)	27	27	67	67		9	71	30	77	(252)
72.2	14.8	65	65	27	27		82	40	47	15	(39)	79	12	72	21	
		71	7	77	28	(107)	25	25	67	67		7	71	28	77	(252)
78.7	12.3	65	65	26	26		82	39	47	14	(39)	79	11	72	20	
		71	6	77	27	(107)	24	24	66	66		6	71	28	77	(252)
85.3	10.4	65	65	25	25		82	38	47	13	(40)	79	9	72	19	
		71	5	77	27	(108)	23	23	66	66		5	70	27	77	(251)

91.9	8.6	65	65	24	24	82	37	47	12(40)	79	8	72	18
		71	4	77	26(108)	22	22	66	66	3	70	27	78(251)
98.4	7.1	64	64	24	24	82	36	46	11(40)	79	7	72	18
		71	2	77	26(108)	22	22	66	66	2	70	26	78(251)
105.0	5.7	64	64	23	23	83	36	46	10(40)	79	6	72	17
		71	1	78	25(108)	21	21	66	66	1	70	25	78(251)
111.5	4.4	64	64	23	23	82	35	46	10(40)	79	6	72	17
		71	1	78	25(108)	21	21	66	66	1	70	25	78(251)
118.1	3.3	64	64	22	22	83	34	46	9(41)	79	5	72	16
		70	0	78	25(109)	20	20	66	66	0	69	25	78(250)
124.7	2.2	64	64	22	22	83	34	46	9(41)	79	5	72	16
		69	0	78	24(109)	20	20	66	66	0	68	24	78(250)

HA=161.4 HI= 29.5 GGW= 39.7 SL= 0.0 MAX(A,B,C,D)= 7.7 6.6 7.3 7.3

Main boom and fixed jib (jib angle 40.0 degrees)

Length of main boom = 166.0 ft Length of jib = 29.5 ft

Main boom sequence = 0-45-90-90-90-90 % LK = 68

Counterweight = 39.7 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.			
		1(0)		2(...)		3(90)		6(...)					
		A	B	C	D	A	B	C	D				
59.1	19.2	65	65	30	30	79	43	47	19(37)	77	17	71	25
		69	12	75	32(110)	29	29	65	65	12	68	33	75(249)
65.6	16.5	65	65	28	28	81	41	47	17(38)	78	14	71	22
		71	10	76	29(106)	27	27	66	66	9	71	29	76(253)
72.2	13.7	65	65	27	27	81	39	47	15(39)	78	12	71	21
		71	8	76	28(107)	26	26	66	66	8	70	29	76(252)
78.7	11.5	65	65	26	26	81	39	47	14(39)	78	11	72	20
		71	6	77	27(107)	24	24	66	66	6	70	28	77(252)
85.3	9.3	64	64	25	25	81	38	46	13(39)	78	10	71	19
		70	5	76	26(107)	24	24	66	66	5	70	27	76(252)
91.9	7.5	64	64	24	24	81	37	46	13(39)	78	9	71	19
		70	4	76	26(107)	23	23	66	66	4	70	26	77(252)
98.4	6.0	64	64	24	24	81	36	46	11(40)	78	8	71	18
		70	3	77	26(108)	22	22	65	65	3	69	26	77(251)
105.0	4.6	64	64	23	23	82	36	46	11(40)	78	7	72	17
		70	2	77	25(108)	21	21	66	66	2	69	26	77(251)
111.5	3.5	64	64	22	22	82	35	45	10(40)	79	6	72	16
		70	1	77	24(108)	21	21	66	66	0	70	25	78(251)
118.1	2.4	64	64	22	22	83	34	46	9(41)	79	5	72	16
		69	0	78	24(109)	20	20	66	66	0	69	25	78(250)

HA=166.0 HI= 29.5 GGW= 39.7 SL= 0.0 MAX(A,B,C,D)= 7.7 6.6 7.3 7.3

Main boom and fixed jib (jib angle 40.0 degrees)

Length of main boom = 175.5 ft Length of jib = 29.5 ft

Main boom sequence = 0-45-100-100-100-100 % LK = 69

Counterweight = 39.7 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.
		1(0)		2(...)		3(90)				

	4(...)				5(180)				6(...)				
	A	B	C	D	A	B	C	D	A	B	C	D	
59.1	19.2	64	64	30	30	79	43	47	20(37)	77	17	71	25
		69	12	75	32(110)	29	29	65	65	12	68	33	75(249)
65.6	16.1	64	64	28	28	80	41	47	18(38)	77	15	71	23
		68	10	76	31(111)	27	27	65	65	10	68	32	76(248)
72.2	13.4	64	64	27	27	80	40	46	16(38)	77	13	71	22
		71	9	75	28(106)	26	26	65	65	9	70	28	75(253)
78.7	11.0	64	64	26	26	80	39	46	15(39)	77	12	71	21
		70	7	75	28(107)	25	25	65	65	7	69	28	76(252)
85.3	9.0	63	63	26	26	80	38	46	14(39)	77	10	71	20
		70	6	75	27(107)	24	24	65	65	6	69	27	76(252)
91.9	7.3	63	63	25	25	80	37	46	13(39)	77	9	71	19
		70	5	76	26(107)	23	23	65	65	5	69	27	76(252)
98.4	5.7	63	63	24	24	80	37	45	12(39)	77	9	71	19
		70	4	76	26(107)	22	22	65	65	4	69	26	76(252)
105.0	4.4	63	63	24	24	81	36	46	11(40)	77	7	71	18
		69	3	76	26(108)	22	22	65	65	3	69	26	76(251)
111.5	3.3	63	63	23	23	81	35	45	10(40)	78	6	71	17
		69	2	77	25(108)	21	21	65	65	2	69	25	77(251)
118.1	2.2	63	63	22	22	81	35	45	10(40)	78	6	71	17
		69	1	77	24(108)	20	20	65	65	1	69	25	77(251)

 HA=175.5 HI= 29.5 GGW= 39.7 SL= 0.0 MAX(A,B,C,D)= 7.6 6.5 7.1 7.1

Main boom and fixed jib (jib angle 40.0 degrees)
 Length of main boom = 180.1 ft Length of jib = 29.5 ft
 Main boom sequence = 0-90-90-90-90-90 % LK = 73
 Counterweight = 39.7 kip

	Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.			
		1(0)		2(...)		3(90)		4(...)					
		A	B	C	D	A	B	C	D	A	B	C	D
59.1	18.3	64	64	30	30	78	43	47	20(37)	76	17	70	25
		68	12	75	32(110)	29	29	65	65	12	68	33	75(249)
65.6	15.0	63	63	28	28	78	42	46	18(37)	76	15	70	23
		68	11	75	31(110)	27	27	65	65	10	67	32	75(249)
72.2	12.3	63	63	27	27	79	40	46	17(38)	76	13	70	22
		70	9	74	28(106)	26	26	65	65	9	69	29	75(253)
78.7	10.1	63	63	26	26	79	39	46	15(38)	77	12	70	21
		70	7	75	27(106)	25	25	65	65	7	69	28	75(253)
85.3	8.2	63	63	26	26	80	38	46	14(39)	77	10	70	20
		69	6	75	27(107)	24	24	65	65	6	69	27	75(252)
91.9	6.4	63	63	25	25	80	37	45	13(39)	77	9	70	19
		69	5	75	26(107)	23	23	65	65	5	69	27	75(252)
98.4	4.9	63	63	24	24	80	37	45	13(39)	77	9	70	19
		69	4	75	26(107)	22	22	65	65	4	69	26	75(252)
105.0	3.5	63	63	24	24	80	36	45	12(39)	77	8	71	18
		69	3	75	25(107)	22	22	65	65	3	69	26	76(252)
111.5	2.2	62	62	23	23	80	36	45	11(39)	76	7	70	18
		69	3	75	25(107)	21	21	64	64	3	68	25	75(252)

 HA=180.1 HI= 29.5 GGW= 39.7 SL= 0.0 MAX(A,B,C,D)= 7.4 6.5 7.0 7.0

 Main boom and fixed jib (jib angle 40.0 degrees)
 Length of main boom = 191.9 ft Length of jib = 29.5 ft
 Main boom sequence = 0-100-100-100-100-100 % LK = 74
 Counterweight = 39.7 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]								(Pos.[Degrees])				0-360 Degr.				
		1(0)		2(...)				3(90)		4(...)		5(180)			6(...)			
		A	B	C	D	A	B	C	D	A	B	C	D		A	B	C	D
65.6	14.6	63	63	29	29	77	41	46	19	37	75	16	69	24				
		67	11	74	31	110	28	28	64	64	11	67	32	74	249			
72.2	11.9	63	63	28	28	78	41	45	17	37	75	14	69	23				
		67	9	74	30	110	26	26	64	64	9	67	31	74	249			
78.7	9.7	63	63	27	27	78	39	46	16	38	75	12	69	22				
		69	8	74	28	106	25	25	64	64	8	69	28	74	253			
85.3	7.7	62	62	26	26	78	39	45	15	38	75	11	69	21				
		69	7	74	27	106	24	24	64	64	7	69	27	74	253			
91.9	6.0	62	62	25	25	78	38	45	14	38	75	10	69	20				
		69	6	74	26	106	24	24	64	64	6	68	27	74	253			
98.4	4.4	62	62	25	25	78	37	45	13	39	75	9	69	19				
		68	5	74	26	107	23	23	64	64	5	68	27	74	252			
105.0	3.1	62	62	24	24	78	36	45	13	39	75	9	69	19				
		68	4	74	26	107	22	22	64	64	4	68	26	74	252			

 HA=191.9 HI= 29.5 GGW= 39.7 SL= 0.0 MAX(A,B,C,D)= 7.3 6.4 6.9 6.9

Main boom and fixed jib (jib angle 40.0 degrees)
 Length of main boom = 193.9 ft Length of jib = 29.5 ft
 Main boom sequence = 45-90-90-90-90-90 % LK = 76
 Counterweight = 39.7 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]								(Pos.[Degrees])				0-360 Degr.				
		1(0)		2(...)				3(90)		4(...)		5(180)			6(...)			
		A	B	C	D	A	B	C	D	A	B	C	D		A	B	C	D
65.6	13.2	62	62	29	29	76	42	45	19	36	74	16	68	24				
		67	12	73	31	109	28	28	63	63	12	66	32	73	250			
72.2	10.6	62	62	28	28	76	40	45	18	37	74	14	68	23				
		66	10	73	30	110	26	26	63	63	10	66	31	73	249			
78.7	8.4	62	62	27	27	77	40	45	17	37	74	13	69	22				
		68	9	73	27	105	25	25	63	63	9	68	28	73	254			
85.3	6.4	62	62	26	26	77	38	45	16	38	74	12	69	21				
		68	8	73	27	106	24	24	63	63	8	67	28	73	253			
91.9	4.9	62	62	25	25	77	38	45	14	38	75	10	69	20				
		68	6	73	26	106	23	23	63	63	6	68	27	73	253			
98.4	3.3	62	62	25	25	77	37	44	14	38	75	10	69	19				
		68	6	73	26	106	23	23	63	63	5	67	26	73	253			

 HA=193.9 HI= 29.5 GGW= 39.7 SL= 0.0 MAX(A,B,C,D)= 7.2 6.3 6.8 6.8

Main boom and fixed jib (jib angle 40.0 degrees)
 Length of main boom = 205.7 ft Length of jib = 29.5 ft
 Main boom sequence = 45-100-100-100-100-100 % LK = 77

Counterweight = 39.7 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
	1(0)		2(...)		3(90)		4(...)		6(...)				
	A	B	C	D	A	B	C	D	A	B	C	D	
72.2	10.1	61	61	28	28	75	41	45	19(36)	73	15	68	24
		66	11	72	30(109)	27	27	63	63	11	65	31	72(250)
78.7	7.9	61	61	28	28	75	40	45	18(37)	73	14	68	23
		65	10	72	30(110)	26	26	63	63	9	65	30	73(249)
85.3	6.2	61	61	27	27	76	39	44	16(37)	74	12	68	21
		68	9	72	27(105)	25	25	63	63	9	67	27	72(254)
91.9	4.4	61	61	26	26	76	38	44	15(38)	73	11	68	21
		67	8	72	27(106)	24	24	63	63	7	67	27	72(253)
98.4	3.1	61	61	25	25	77	37	44	14(38)	74	10	68	20
		67	6	73	26(106)	23	23	63	63	6	67	26	73(253)

HA=205.7 HI= 29.5 GGW= 39.7 SL= 0.0 MAX(A,B,C,D)= 7.1 6.2 6.8 6.8

HA=205.7 HI= 29.5 GGW= 39.7 SL= 0.0 MAX(A,B,C,D)= 0.0 0.0 0.0 0.0

HA=205.7 HI= 29.5 GGW= 39.7 SL= 0.0 MAX(A,B,C,D)= 0.0 0.0 0.0 0.0

Programm L A M O S 9 9 Version 1.08 vom 29.09.02

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Eingabedatei: ilam.dat

Festdatei : /berechnung/tabellen/zentraledaten/lamosfd-ac/200-1.99dat

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H

DEMAG Mobile Cranes

O U T R I G G E R - L O A D I N G S

(Variance = +-10%)

PSI= 1.00

Crane : *** AC 200-1 *** mit HKHI fuer GA und MS

Outrigger width	=	18.7 ft	Outrigger length	=	27.7 ft
Outrigger "A"	X =	12.0 ft	Outrigger "A"	Y =	9.4 ft
Outrigger "B"	X =	12.0 ft	Outrigger "B"	Y =	-9.4 ft
Outrigger "C"	X =	-15.7 ft	Outrigger "C"	Y =	9.4 ft
Outrigger "D"	X =	-15.7 ft	Outrigger "D"	Y =	-9.4 ft

Main boom and fixed jib (jib angle 0.0 degrees)

Length of main boom = 40.7 ft Length of jib = 29.5 ft

Main boom sequence = 0-0-0-0-0-0 % LK = 1

Counterweight = 35.9 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
	1(0)		2(...)		3(90)		4(...)		6(...)				
	A	B	C	D	A	B	C	D	A	B	C	D	
9.8	39.7	46	46	57	57	40	56	48	60(59)	42	61	44	58
		47	62	42	53(128)	57	57	46	46	62	47	53	42(232)

11.5	39.7	47	47	55	55	44	55	49	58(59)	45	58	46	56
		49	59	45	53(128)	55	55	47	47	59	49	53	45(232)
13.1	39.7	49	49	53	53	47	53	50	55(59)	47	55	48	54
		50	56	47	52(128)	54	54	49	49	56	50	52	47(232)
14.8	39.7	51	51	52	52	50	52	51	52(59)	50	52	50	52
		51	52	50	51(127)	52	52	50	50	52	51	51	50(232)
16.4	39.7	52	52	50	50	53	50	52	50(59)	53	50	52	50
		52	49	53	51(127)	50	50	52	52	49	52	51	53(232)
19.7	39.7	56	56	47	47	60	47	54	44(59)	58	44	57	46
		54	43	58	49(128)	47	47	55	55	43	54	49	58(232)
23.0	39.7	59	59	44	44	60	57	45	42(8)	64	39	61	41
		64	39	61	41(90)	44	44	59	59	39	64	41	61(270)
26.2	38.6	61	61	41	41	67	53	47	36(24)	68	34	64	38
		67	33	65	39(96)	41	41	61	61	32	67	39	65(263)
29.5	35.3	62	62	38	38	70	51	47	33(29)	70	30	65	35
		67	28	67	37(100)	38	38	62	62	28	67	38	67(259)
32.8	31.7	62	62	37	37	71	49	47	30(31)	70	28	66	33
		67	25	68	36(102)	36	36	62	62	25	67	36	68(257)
39.4	27.1	63	63	33	33	75	45	48	25(36)	73	22	68	29
		67	19	71	34(107)	33	33	63	63	19	67	35	71(252)
45.9	23.4	64	64	30	30	78	42	48	21(39)	75	18	69	26
		68	14	74	32(109)	30	30	65	65	14	68	33	74(250)
52.5	20.7	65	65	28	28	81	41	47	17(38)	78	13	72	22
		72	9	76	29(106)	27	27	66	66	9	71	29	76(253)
59.1	17.9	66	66	26	26	83	39	48	14(40)	80	10	73	20
		72	6	78	28(108)	24	24	67	67	6	71	28	78(251)

 HA= 40.7 HI= 29.5 GGW= 35.9 SL= 0.0 MAX(A,B,C,D)= 7.7 6.6 7.2 7.3

Main boom and fixed jib (jib angle 0.0 degrees)
 Length of main boom = 54.5 ft Length of jib = 29.5 ft
 Main boom sequence = 0-0-0-0-0-45 % LK = 7
 Counterweight = 35.9 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
	1(0)		2(...)		3(90)		6(...)						
	4(...)		5(180)		6(...)								
	A	B	C	D	A	B	C	D					
9.8	39.7	45	45	57	57	40	57	48	61(59)	41	61	44	59
		47	63	42	53(128)	57	57	45	45	63	47	53	42(232)
11.5	39.7	47	47	55	55	43	55	49	58(59)	44	58	46	57
		48	60	44	53(128)	56	56	47	47	60	48	53	44(232)
13.1	39.7	49	49	54	54	46	54	50	56(59)	47	56	48	54
		49	56	47	52(128)	54	54	49	49	56	49	52	47(232)
14.8	39.7	50	50	52	52	49	52	50	53(59)	49	53	50	52
		50	53	49	52(127)	52	52	50	50	53	50	52	49(232)
16.4	39.7	52	52	51	51	52	51	51	50(59)	52	50	52	50
		52	50	52	51(127)	51	51	52	52	50	52	51	52(232)
19.7	39.7	55	55	47	47	59	48	53	45(59)	58	45	56	46
		54	44	57	50(128)	48	48	55	55	44	54	50	57(232)
23.0	39.7	58	58	44	44	58	58	44	44(1)	63	40	60	42
		63	40	60	42(90)	44	44	58	58	40	63	42	60(270)
26.2	39.7	62	62	41	41	67	54	47	37(23)	68	34	64	38
		67	33	65	39(96)	41	41	61	61	33	67	39	65(263)

29.5	39.7	65	65	38	38	75	50	49	31(33)	74	29	68	34
		70	26	71	38(104)	38	38	65	65	26	69	38	71(255)
32.8	37.3	66	66	35	35	78	48	50	27(36)	76	25	70	31
		71	22	74	36(107)	35	35	66	66	22	70	37	74(252)
39.4	32.2	67	67	32	32	82	44	50	21(39)	79	19	72	27
		71	15	77	34(110)	32	32	67	67	15	71	35	77(249)
45.9	27.8	67	67	29	29	84	42	49	17(39)	81	15	74	23
		71	10	79	33(112)	28	28	68	68	10	71	33	79(247)
52.5	22.9	67	67	28	28	83	41	48	16(39)	80	13	73	22
		73	8	78	29(107)	26	26	67	67	8	72	29	78(252)
59.1	18.7	65	65	27	27	82	40	47	15(39)	79	12	72	21
		72	7	77	28(107)	25	25	67	67	7	71	28	77(252)
65.6	15.4	64	64	26	26	81	39	47	14(39)	78	11	72	20
		71	6	76	27(107)	24	24	66	66	6	70	28	77(252)
72.2	13.0	64	64	25	25	81	38	46	13(39)	78	9	72	19
		71	5	77	26(107)	23	23	66	66	5	70	27	77(252)

 HA= 54.5 HI= 29.5 GGW= 35.9 SL= 0.0 MAX(A,B,C,D)= 7.8 6.7 7.4 7.4

Main boom and fixed jib (jib angle 0.0 degrees)

Length of main boom = 68.6 ft Length of jib = 29.5 ft

Main boom sequence = 0-0-0-0-0-90 % LK = 13

Counterweight = 35.9 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
	1(0)		2(...)		3(90)		6(...)						
	A	B C D	A B C D	A B C D	A B C D	A B C D							
13.1	39.7	48	48	54	54	46	54	49	56(59)	46	56	47	55
		49	57	46	52(128)	54	54	48	48	57	49	52	46(232)
14.8	39.7	50	50	52	52	49	52	50	53(59)	49	54	49	53
		50	54	49	52(128)	53	53	50	50	54	50	52	49(232)
16.4	39.7	52	52	51	51	52	51	51	51(59)	52	51	51	51
		51	51	52	51(127)	51	51	51	51	51	51	51	52(232)
19.7	39.7	55	55	48	48	58	48	53	46(59)	57	46	56	47
		54	45	57	50(128)	48	48	54	54	45	54	50	57(232)
23.0	39.7	58	58	45	45	64	45	55	41(59)	62	40	60	43
		62	40	60	43(90)	45	45	58	58	40	62	43	60(270)
26.2	38.4	60	60	42	42	64	55	46	39(18)	66	36	63	39
		66	35	63	39(91)	42	42	60	60	35	66	39	63(268)
29.5	35.7	61	61	39	39	68	52	47	35(26)	68	32	64	36
		67	31	65	38(97)	39	39	61	61	31	67	38	65(262)
32.8	33.1	62	62	37	37	70	50	47	32(30)	70	29	65	34
		67	27	67	37(101)	37	37	62	62	27	67	37	67(258)
39.4	29.1	63	63	34	34	75	46	48	26(35)	73	23	68	30
		68	20	71	35(106)	34	34	64	64	20	68	35	71(253)
45.9	25.6	64	64	31	31	78	43	49	21(39)	76	19	70	26
		69	15	74	33(109)	30	30	65	65	15	68	34	74(250)
52.5	22.3	65	65	29	29	80	42	47	18(38)	78	15	71	24
		69	11	76	32(111)	28	28	66	66	11	68	32	76(248)
59.1	19.4	65	65	27	27	82	40	47	15(39)	79	12	72	21
		71	8	77	28(107)	26	26	67	67	8	71	29	77(252)
65.6	16.1	64	64	26	26	81	39	47	15(39)	78	11	71	21
		71	7	76	28(107)	25	25	66	66	7	70	28	76(252)

72.2 13.4 64 64 26 26 80 38 46 14(39) 77 10 71 20
 70 6 76 27(107) 24 24 65 65 6 69 27 76(252)
 78.7 11.5 63 63 25 25 80 37 46 13(39) 77 9 71 19
 70 5 76 26(107) 23 23 65 65 5 69 27 76(252)
 85.3 9.7 63 63 24 24 80 37 45 12(39) 77 8 71 18
 70 4 76 25(107) 22 22 65 65 4 69 26 76(252)

 HA= 68.6 HI= 29.5 GGW= 35.9 SL= 0.0 MAX(A,B,C,D)= 7.6 6.6 7.1 7.1

Main boom and fixed jib (jib angle 0.0 degrees)

Length of main boom = 70.2 ft Length of jib = 29.5 ft
 Main boom sequence = 0-0-0-0-0-100 % LK = 14
 Counterweight = 35.9 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.			
		1(0)		2(...)		3(90)		6(...)					
		4(...)		5(180)		6(...)							
		A	B	C	D	A	B	C	D	A	B	C	D
13.1	39.7	48	48	54	54	45	54	49	56(59)	46	56	47	55
		49	57	46	52(128)	54	54	48	48	57	49	52	46(232)
14.8	39.7	50	50	52	52	49	52	50	53(59)	49	54	49	53
		50	54	49	52(128)	53	53	50	50	54	50	52	49(232)
16.4	39.7	52	52	51	51	52	51	51	51(59)	52	51	51	51
		51	51	51	51(127)	51	51	51	51	51	51	51	51(232)
19.7	39.7	55	55	48	48	58	48	53	46(59)	57	46	56	47
		54	45	57	50(128)	48	48	54	54	45	54	50	57(232)
23.0	38.1	57	57	45	45	62	45	54	41(59)	61	41	58	43
		61	41	58	43(90)	45	45	57	57	41	61	43	58(270)
26.2	35.3	58	58	43	43	59	56	44	41(8)	63	37	60	41
		63	37	60	41(90)	43	43	58	58	37	63	41	60(270)
29.5	32.4	58	58	41	41	62	53	45	37(18)	64	34	61	38
		64	34	61	38(91)	40	40	59	59	34	64	38	61(268)
32.8	29.8	59	59	39	39	64	51	45	35(23)	65	32	62	36
		65	31	63	37(95)	38	38	59	59	30	64	37	63(264)
39.4	25.8	60	60	36	36	69	47	46	29(31)	68	26	64	32
		65	24	66	35(102)	35	35	61	61	24	65	35	67(257)
45.9	22.7	61	61	33	33	73	44	46	25(35)	71	22	66	29
		66	19	69	34(106)	32	32	62	62	19	66	34	70(253)
52.5	19.6	62	62	31	31	75	42	46	22(37)	72	19	67	26
		66	15	71	32(108)	30	30	63	63	15	66	33	71(251)
59.1	17.9	63	63	28	28	78	41	46	18(37)	75	15	69	23
		67	10	74	31(110)	27	27	64	64	10	67	31	75(249)
65.6	16.1	64	64	26	26	81	39	47	15(39)	78	11	71	21
		70	7	76	28(107)	25	25	66	66	7	70	28	76(252)
72.2	13.7	64	64	26	26	81	38	46	14(39)	78	10	71	20
		70	6	76	27(107)	24	24	65	65	6	70	27	76(252)
78.7	11.5	63	63	25	25	80	38	46	13(39)	77	9	71	19
		70	5	76	26(107)	23	23	65	65	5	69	27	76(252)
85.3	9.7	63	63	24	24	80	37	45	12(39)	77	8	71	19
		69	4	76	26(107)	22	22	65	65	4	69	26	76(252)

 HA= 70.2 HI= 29.5 GGW= 35.9 SL= 0.0 MAX(A,B,C,D)= 7.5 6.5 7.0 7.1

Main boom and fixed jib (jib angle 0.0 degrees)

Length of main boom = 82.3 ft Length of jib = 29.5 ft
 Main boom sequence = 0-0-0-0-45-90 % LK = 20
 Counterweight = 35.9 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]								(Pos.[Degrees])				0-360 Degr.
		1(0)				2(...)				3(90)				
		A	B	C	D	A	B	C	D	A	B	C	D	
16.4	39.7	52	52	51	51	52	51	51	51	(59)	52	51	51	51
		51	51	52	51(127)	51	51	51	51		51	51	51	52(232)
19.7	39.7	55	55	48	48	58	48	53	46	(59)	57	46	56	47
		54	45	57	50(128)	48	48	54	54		45	54	50	57(232)
23.0	39.7	58	58	45	45	64	45	55	41	(59)	62	40	60	43
		62	40	60	43(90)	45	45	58	58		40	62	43	60(270)
26.2	39.7	61	61	41	41	66	54	47	38	(21)	68	35	63	39
		67	34	64	39(94)	42	42	61	61		34	67	40	64(265)
29.5	38.6	63	63	39	39	72	51	48	32	(30)	72	30	67	35
		69	28	69	38(101)	39	39	63	63		28	69	38	69(258)
32.8	36.2	64	64	36	36	75	49	49	29	(34)	74	27	68	33
		69	24	71	37(105)	36	36	64	64		24	69	37	71(254)
39.4	31.3	65	65	33	33	79	45	49	24	(38)	77	21	70	28
		70	18	74	34(108)	33	33	66	66		18	70	35	75(251)
45.9	28.0	67	67	30	30	82	43	49	19	(38)	80	16	73	24
		71	11	78	33(111)	29	29	68	68		11	70	33	78(248)
52.5	23.8	67	67	28	28	83	41	48	16	(39)	80	13	73	22
		73	9	78	29(107)	27	27	68	68		9	73	30	78(252)
59.1	19.4	65	65	27	27	82	40	47	16	(39)	79	12	72	22
		71	8	77	28(107)	26	26	66	66		8	71	29	77(252)
65.6	16.1	64	64	26	26	81	39	47	15	(39)	78	11	71	21
		71	7	76	28(107)	25	25	66	66		7	70	28	76(252)
72.2	13.4	63	63	26	26	80	38	46	14	(39)	77	11	71	20
		70	6	75	27(107)	24	24	65	65		6	69	28	76(252)
78.7	11.5	63	63	25	25	80	38	46	13	(39)	77	9	71	19
		70	5	76	26(107)	23	23	65	65		5	69	27	76(252)
85.3	9.7	63	63	24	24	80	37	45	12	(39)	77	8	71	19
		70	4	76	26(107)	22	22	65	65		4	69	26	76(252)
91.9	8.2	63	63	24	24	80	36	45	11	(40)	77	8	71	18
		69	3	76	26(108)	22	22	65	65		3	68	26	76(251)
98.4	7.1	63	63	23	23	81	35	45	10	(40)	78	6	71	17
		69	2	77	25(108)	21	21	65	65		1	69	25	77(251)

HA= 82.3 HI= 29.5 GGW= 35.9 SL= 0.0 MAX(A,B,C,D)= 7.7 6.7 7.3 7.3

Main boom and fixed jib (jib angle 0.0 degrees)

Length of main boom = 84.0 ft Length of jib = 29.5 ft
 Main boom sequence = 0-0-0-0-45-100 % LK = 21
 Counterweight = 35.9 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]								(Pos.[Degrees])				0-360 Degr.
		1(0)				2(...)				3(90)				
		A	B	C	D	A	B	C	D	A	B	C	D	
16.4	39.7	52	52	51	51	52	51	51	51	(59)	52	51	51	51
		51	51	51	51(127)	51	51	51	51		51	51	51	51(232)

19.7	39.7	55	55	48	48	58	48	53	46(59)	57	46	55	47
		54	45	57	50(128)	48	48	54	54	45	54	50	57(232)
23.0	39.7	58	58	45	45	64	45	55	41(59)	62	40	60	43
		62	40	60	43(90)	45	45	58	58	40	62	43	60(270)
26.2	36.8	59	59	42	42	62	55	45	40(14)	64	37	61	40
		64	37	61	40(90)	42	42	59	59	37	64	40	61(270)
29.5	34.4	60	60	40	40	65	52	46	36(23)	67	33	63	37
		66	32	64	38(95)	40	40	60	60	32	65	38	64(264)
32.8	32.2	61	61	38	38	68	50	46	32(28)	69	30	64	35
		66	28	66	37(100)	38	38	61	61	28	66	37	66(259)
39.4	27.8	62	62	35	35	72	46	47	27(34)	71	25	66	31
		67	22	69	35(105)	34	34	62	62	22	66	35	69(254)
45.9	24.7	63	63	32	32	76	44	47	22(37)	74	20	69	27
		68	16	73	33(108)	31	31	64	64	16	67	34	73(251)
52.5	22.3	65	65	29	29	80	42	47	18(38)	77	15	71	24
		69	11	76	32(110)	28	28	66	66	11	69	32	76(249)
59.1	19.6	65	65	27	27	82	40	47	15(39)	79	12	72	21
		72	8	77	28(107)	26	26	67	67	8	71	29	77(252)
65.6	16.3	64	64	26	26	81	39	47	15(39)	78	11	71	21
		71	7	76	28(107)	25	25	66	66	7	70	28	76(252)
72.2	13.7	64	64	26	26	80	38	46	14(39)	77	10	71	20
		70	6	76	27(107)	24	24	65	65	6	70	27	76(252)
78.7	11.5	63	63	25	25	80	38	46	13(39)	77	10	71	19
		70	5	75	26(107)	23	23	65	65	5	69	27	76(252)
85.3	9.7	63	63	24	24	80	37	45	13(39)	77	9	71	19
		69	4	75	26(107)	22	22	65	65	4	69	26	76(252)
91.9	8.4	63	63	24	24	81	36	46	11(40)	77	7	71	18
		69	3	76	25(108)	22	22	65	65	2	69	26	76(251)
98.4	7.1	63	63	23	23	81	35	45	11(40)	77	7	71	17
		69	2	76	25(108)	21	21	65	65	2	69	25	76(251)

 HA= 84.0 HI= 29.5 GGW= 35.9 SL= 0.0 MAX(A,B,C,D)= 7.6 6.6 7.1 7.2

Main boom and fixed jib (jib angle 0.0 degrees)

Length of main boom = 96.5 ft Length of jib = 29.5 ft
 Main boom sequence = 0-0-0-0-90-90 % LK = 28
 Counterweight = 35.9 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.			
		1(0)		2(...)		3(90)		6(...)					
		4(...)		5(180)		6(...)							
		A	B	C	D	A	B	C	D				
19.7	39.7	55	55	48	48	58	48	53	46(59)	57	46	56	47
		54	45	57	50(128)	48	48	54	54	45	54	50	57(232)
23.0	39.7	58	58	45	45	64	45	55	41(59)	62	40	60	43
		62	40	60	43(90)	45	45	58	58	40	62	43	60(270)
26.2	39.7	61	61	41	41	66	54	47	38(21)	68	35	63	39
		67	34	64	39(94)	42	42	61	61	34	67	40	64(265)
29.5	39.0	64	64	39	39	73	51	49	32(31)	72	30	67	35
		69	28	69	38(102)	39	39	63	63	28	69	38	69(257)
32.8	36.6	65	65	36	36	76	49	49	29(34)	74	27	69	32
		70	24	72	37(105)	36	36	65	65	24	69	37	72(254)
39.4	32.6	67	67	32	32	81	45	50	22(39)	78	20	72	28
		71	16	76	34(109)	32	32	67	67	16	71	35	76(250)

45.9	28.7	68	68	29	29	84	43	49	18(39)	81	15	74	24
		72	11	79	32(111)	29	29	68	68	11	71	33	79(248)
52.5	23.8	67	67	28	28	83	41	48	16(39)	80	13	73	22
		73	9	78	29(107)	27	27	68	68	9	73	30	78(252)
59.1	19.4	65	65	27	27	82	40	47	16(39)	78	13	72	22
		71	8	77	28(107)	26	26	66	66	8	71	29	77(252)
65.6	16.1	64	64	26	26	81	39	47	15(39)	78	12	71	21
		70	7	76	28(107)	25	25	66	66	7	70	28	76(252)
72.2	13.4	63	63	26	26	80	38	46	14(39)	77	11	71	20
		70	6	75	27(107)	24	24	65	65	6	69	28	76(252)
78.7	11.5	63	63	25	25	80	38	46	13(39)	77	9	71	19
		70	5	76	26(107)	23	23	65	65	5	69	27	76(252)
85.3	9.7	63	63	24	24	80	37	45	12(39)	77	9	71	19
		69	4	76	26(107)	22	22	65	65	4	69	26	76(252)
91.9	8.2	63	63	24	24	80	37	45	12(39)	77	8	71	18
		69	3	75	25(107)	22	22	65	65	3	69	26	76(252)
98.4	7.1	63	63	23	23	81	35	45	11(40)	78	6	71	17
		69	2	76	25(108)	21	21	65	65	2	69	25	77(251)
105.0	6.0	63	63	22	22	81	35	45	10(40)	78	6	71	16
		69	1	77	24(108)	20	20	65	65	1	69	25	77(251)
111.5	5.1	63	63	22	22	82	34	45	9(41)	78	4	72	15
		69	0	78	24(109)	19	19	66	66	0	68	24	78(250)

 HA= 96.5 HI= 29.5 GGW= 35.9 SL= 0.0 MAX(A,B,C,D)= 7.8 6.7 7.4 7.4

Main boom and fixed jib (jib angle 0.0 degrees)

Length of main boom = 100.4 ft Length of jib = 29.5 ft

Main boom sequence = 0-0-0-0-100-100 % LK = 29

Counterweight = 35.9 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.
		1(0)		2(...)		3(90)		6(...)		
		4(...)		5(180)		6(...)				
		A	B	C	D	A	B	C	D	
23.0	39.7	58	58	45	45	64	45	55	41(59)	62 40 60 43
		62	40	60	43(90)	45	45	58	58	40 62 43 60(270)
26.2	37.7	60	60	42	42	63	55	45	39(16)	65 36 62 40
		65	36	62	40(90)	42	42	60	60	36 65 40 62(270)
29.5	35.3	60	60	40	40	67	52	46	35(24)	68 32 63 37
		66	32	65	38(96)	40	40	61	61	31 66 38 65(263)
32.8	32.6	61	61	38	38	69	50	47	32(29)	69 30 65 35
		67	28	67	37(100)	37	37	62	62	28 67 37 67(259)
39.4	28.9	63	63	34	34	74	46	48	26(35)	73 24 67 30
		68	21	71	35(106)	34	34	63	63	21 67 35 71(253)
45.9	25.4	64	64	31	31	78	43	48	22(38)	75 19 69 27
		68	15	74	33(109)	31	31	65	65	15 68 34 74(250)
52.5	22.3	65	65	29	29	80	42	47	19(38)	77 15 71 24
		69	11	76	32(110)	28	28	66	66	11 69 32 76(249)
59.1	19.6	65	65	27	27	82	40	47	15(39)	79 12 72 21
		72	8	77	28(107)	26	26	67	67	8 71 29 77(252)
65.6	16.3	64	64	26	26	81	39	47	15(39)	78 11 71 21
		71	7	76	28(107)	25	25	66	66	7 70 28 76(252)
72.2	13.7	64	64	26	26	80	38	46	14(39)	77 10 71 20
		70	6	76	27(107)	24	24	65	65	6 70 27 76(252)

78.7	11.5	63	63	25	25	80	38	46	13(39)	77	10	71	19
		70	5	75	26(107)	23	23	65	65	5	69	27	76(252)
85.3	9.7	63	63	24	24	80	37	45	13(39)	77	9	71	19
		69	4	75	26(107)	22	22	65	65	4	69	26	76(252)
91.9	8.4	63	63	24	24	81	36	46	11(40)	77	7	71	18
		69	3	76	26(108)	22	22	65	65	3	69	26	76(251)
98.4	7.1	63	63	23	23	81	35	45	11(40)	77	7	71	17
		69	2	76	25(108)	21	21	65	65	2	69	26	76(251)
105.0	6.0	63	63	22	22	81	35	45	10(40)	78	6	71	17
		69	1	77	24(108)	20	20	65	65	1	69	25	77(251)
111.5	5.1	63	63	22	22	82	35	45	9(40)	78	5	72	16
		69	0	77	24(108)	20	20	65	65	0	69	24	78(251)

HA=100.4 HI= 29.5 GGW= 35.9 SL= 0.0 MAX(A,B,C,D)= 7.6 6.6 7.2 7.2

Main boom and fixed jib (jib angle 0.0 degrees)
 Length of main boom = 110.2 ft Length of jib = 29.5 ft
 Main boom sequence = 0-0-0-45-90-90 % LK = 36
 Counterweight = 35.9 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.			
		1(0)		2(...)		3(90)		6(...)					
		4(...)		5(180)		6(...)							
		A	B	C	D	A	B	C	D				
23.0	39.7	58	58	44	44	65	45	55	40(59)	63	40	60	43
		63	40	60	43(90)	45	45	58	58	40	63	43	60(270)
26.2	39.7	61	61	41	41	67	54	47	37(22)	68	35	64	38
		67	34	65	39(95)	41	41	61	61	34	67	39	65(264)
29.5	39.7	64	64	38	38	74	51	49	31(32)	73	29	68	34
		70	27	71	38(103)	38	38	64	64	27	69	38	71(256)
32.8	37.9	66	66	35	35	78	48	50	27(36)	77	25	70	31
		71	22	74	37(107)	35	35	66	66	22	71	37	74(252)
39.4	33.7	68	68	32	32	84	44	51	21(40)	81	19	73	26
		72	14	78	34(111)	31	31	68	68	14	71	35	79(248)
45.9	29.3	69	69	28	28	86	43	50	17(39)	83	14	75	23
		75	9	80	30(107)	28	28	69	69	9	75	30	80(252)
52.5	23.4	67	67	28	28	83	41	48	16(39)	80	13	73	22
		73	9	78	29(107)	27	27	68	68	9	73	30	78(252)
59.1	19.0	65	65	27	27	82	40	47	15(39)	78	12	72	21
		71	8	77	28(107)	26	26	66	66	8	71	29	77(252)
65.6	15.9	65	65	26	26	81	39	47	14(39)	78	11	72	21
		71	7	76	27(107)	25	25	66	66	6	70	28	77(252)
72.2	13.2	64	64	25	25	81	38	46	14(39)	78	10	71	20
		70	6	76	27(107)	24	24	65	65	6	70	27	76(252)
78.7	11.0	63	63	25	25	80	37	46	13(39)	77	9	71	19
		70	5	76	26(107)	23	23	65	65	5	69	27	76(252)
85.3	9.3	63	63	24	24	80	37	45	12(39)	77	8	71	19
		69	4	76	26(107)	22	22	65	65	4	69	26	76(252)
91.9	7.9	63	63	23	23	81	36	45	11(40)	78	7	71	17
		69	2	76	25(108)	21	21	65	65	2	69	26	77(251)
98.4	6.6	63	63	23	23	81	35	45	10(40)	78	6	71	17
		69	2	76	25(108)	21	21	65	65	1	69	25	77(251)
105.0	5.5	63	63	22	22	81	35	45	9(40)	78	5	71	16
		69	0	77	24(108)	20	20	65	65	0	69	25	77(251)

111.5 4.4 63 63 22 22 81 34 45 9(40) 78 5 71 16
 69 0 77 24(108) 20 20 65 65 0 68 24 77(251)
 118.1 3.5 63 63 21 21 81 34 45 9(40) 78 4 71 15
 68 0 77 23(108) 19 19 65 65 0 68 23 78(251)
 124.7 2.6 63 63 21 21 81 33 45 8(41) 78 4 71 15
 67 0 78 22(109) 19 19 65 65 0 66 23 78(250)

 HA=110.2 HI= 29.5 GGW= 35.9 SL= 0.0 MAX(A,B,C,D)= 8.0 6.9 7.4 7.5

Main boom and fixed jib (jib angle 0.0 degrees)
 Length of main boom = 114.5 ft Length of jib = 29.5 ft
 Main boom sequence = 0-0-0-45-100-100 % LK = 37
 Counterweight = 35.9 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
		1(0)		2(...)		3(90)		6(...)						
		A	B	C	D	A	B	C	D		A	B	C	D
26.2	38.4	60	60	42	42	65	55	46	38(19)	67	35	63	39	
		66	35	63	39(92)	42	42	60	60	35	66	39	63(267)	
29.5	35.9	61	61	39	39	69	52	47	34(27)	69	32	65	36	
		67	30	66	38(98)	39	39	62	62	30	67	38	66(261)	
32.8	33.7	62	62	37	37	72	50	47	31(31)	71	28	66	34	
		68	26	69	37(102)	37	37	63	63	26	68	37	69(257)	
39.4	29.5	64	64	34	34	76	46	48	25(36)	74	22	69	29	
		69	19	72	35(107)	33	33	64	64	19	68	35	73(252)	
45.9	26.7	66	66	30	30	81	44	48	20(37)	78	17	72	25	
		70	13	77	33(110)	29	29	67	67	13	70	33	77(249)	
52.5	23.4	67	67	28	28	83	41	48	16(39)	80	13	73	22	
		73	9	78	29(107)	27	27	67	67	9	72	30	78(252)	
59.1	19.2	65	65	27	27	82	40	47	15(39)	79	12	72	21	
		72	8	77	28(107)	26	26	67	67	7	71	29	77(252)	
65.6	15.9	64	64	26	26	81	39	47	15(39)	78	11	71	21	
		71	7	76	28(107)	25	25	66	66	7	70	28	76(252)	
72.2	13.2	64	64	26	26	80	38	46	14(39)	77	10	71	20	
		70	6	76	27(107)	24	24	65	65	6	69	27	76(252)	
78.7	11.0	63	63	25	25	80	37	46	13(39)	77	9	71	19	
		69	5	75	26(107)	23	23	65	65	5	69	27	76(252)	
85.3	9.3	63	63	24	24	80	37	45	12(39)	77	9	71	19	
		69	4	75	26(107)	22	22	65	65	4	69	26	76(252)	
91.9	7.9	63	63	23	23	81	36	45	11(40)	77	7	71	18	
		69	2	76	25(108)	21	21	65	65	2	69	26	76(251)	
98.4	6.6	63	63	23	23	81	35	45	11(40)	77	6	71	17	
		69	2	76	25(108)	21	21	65	65	2	69	25	76(251)	
105.0	5.5	63	63	22	22	81	35	45	10(40)	78	6	71	16	
		69	1	77	24(108)	20	20	65	65	1	69	25	77(251)	
111.5	4.4	63	63	22	22	81	35	45	9(40)	77	5	71	16	
		69	0	76	24(108)	20	20	65	65	0	68	24	77(251)	
118.1	3.5	63	63	22	22	81	34	45	9(40)	78	4	71	15	
		69	0	77	23(108)	19	19	65	65	0	68	23	77(251)	
124.7	2.6	63	63	21	21	81	34	44	9(40)	77	4	71	15	
		68	0	77	22(108)	19	19	65	65	0	67	23	78(251)	

 HA=114.5 HI= 29.5 GGW= 35.9 SL= 0.0 MAX(A,B,C,D)= 7.7 6.7 7.2 7.3

 Main boom and fixed jib (jib angle 0.0 degrees)
 Length of main boom = 124.3 ft Length of jib = 29.5 ft
 Main boom sequence = 0-0-0-90-90-90 % LK = 45
 Counterweight = 35.9 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]								(Pos.[Degrees])				0-360 Degr.	
		1(0)				2(...)				3(90)					
		4(...)				5(180)				6(...)					
A	B	C	D	A	B	C	D	A	B	C	D				
29.5	39.7	65	65	38	38	75	50	49	31	(33)	74	29	68	34	
		70	26	71	38(104)	38	38	65	65		26	70	38	71(255)	
32.8	37.7	66	66	35	35	78	48	50	27	(36)	77	25	71	31	
		71	21	74	36(107)	35	35	66	66		21	71	37	74(252)	
39.4	34.0	69	69	31	31	85	43	52	20	(41)	82	18	74	26	
		73	13	79	34(111)	31	31	69	69		13	72	35	80(248)	
45.9	28.7	69	69	28	28	86	43	49	17	(39)	82	14	75	23	
		75	10	80	30(107)	28	28	69	69		9	74	30	80(252)	
52.5	22.9	67	67	28	28	83	41	48	16	(39)	80	13	73	22	
		73	9	78	29(107)	27	27	67	67		8	72	29	78(252)	
59.1	18.7	65	65	27	27	82	40	47	15	(39)	79	12	72	21	
		72	7	77	28(107)	25	25	67	67		7	71	28	77(252)	
65.6	15.4	64	64	26	26	81	39	47	14	(39)	78	11	71	20	
		71	7	76	27(107)	24	24	66	66		6	70	28	77(252)	
72.2	12.8	64	64	25	25	80	38	46	14	(39)	77	10	71	20	
		70	6	76	27(107)	24	24	65	65		6	69	27	76(252)	
78.7	10.8	63	63	24	24	81	37	45	13	(39)	78	9	71	19	
		70	4	76	26(107)	23	23	65	65		4	69	26	76(252)	
85.3	9.0	63	63	24	24	81	36	46	12	(40)	77	8	71	18	
		69	3	76	26(108)	22	22	65	65		3	69	26	76(251)	
91.9	7.5	63	63	23	23	81	35	45	11	(40)	77	7	71	17	
		69	2	76	25(108)	21	21	65	65		2	69	26	76(251)	
98.4	6.2	63	63	23	23	81	35	45	10	(40)	77	6	71	17	
		69	1	76	25(108)	21	21	65	65		1	69	25	77(251)	
105.0	5.1	63	63	22	22	81	35	45	9	(40)	78	5	71	16	
		69	0	77	24(108)	20	20	65	65		0	69	25	77(251)	
111.5	4.0	63	63	22	22	81	34	45	9	(40)	77	5	71	16	
		69	0	77	24(108)	20	20	65	65		0	68	24	77(251)	
118.1	3.1	63	63	21	21	81	34	45	9	(40)	78	4	71	15	
		68	0	77	22(108)	19	19	65	65		0	67	23	78(251)	

 HA=124.3 HI= 29.5 GGW= 35.9 SL= 0.0 MAX(A,B,C,D)= 7.9 6.9 7.4 7.4

Main boom and fixed jib (jib angle 0.0 degrees)
 Length of main boom = 130.9 ft Length of jib = 29.5 ft
 Main boom sequence = 0-0-0-100-100-100 % LK = 46
 Counterweight = 35.9 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]								(Pos.[Degrees])				0-360 Degr.	
		1(0)				2(...)				3(90)					
		4(...)				5(180)				6(...)					
A	B	C	D	A	B	C	D	A	B	C	D				
29.5	35.3	61	61	39	39	68	52	47	34	(26)	69	32	64	36	
		67	30	66	38(98)	39	39	61	61		30	67	38	66(261)	

32.8	33.3	62	62	37	37	72	49	47	30(31)	71	28	66	34
		68	26	69	37(103)	37	37	63	63	26	67	37	69(256)
39.4	29.8	64	64	33	33	77	45	49	24(37)	75	22	69	29
		69	18	73	35(108)	33	33	65	65	18	69	35	74(251)
45.9	26.7	66	66	30	30	82	43	48	19(38)	79	16	72	24
		70	12	77	33(111)	29	29	67	67	12	70	33	77(248)
52.5	22.9	67	67	28	28	83	41	48	16(39)	80	13	73	22
		73	9	78	29(107)	27	27	67	67	9	72	29	78(252)
59.1	18.7	65	65	27	27	82	40	47	15(39)	79	12	72	21
		72	7	77	28(107)	25	25	67	67	7	71	28	77(252)
65.6	15.4	64	64	26	26	81	39	47	14(39)	78	11	71	20
		71	7	76	27(107)	24	24	66	66	6	70	28	77(252)
72.2	12.8	64	64	25	25	80	38	46	14(39)	77	10	71	20
		70	6	76	27(107)	24	24	65	65	6	69	27	76(252)
78.7	10.8	63	63	24	24	81	37	45	13(39)	77	9	71	19
		70	4	76	26(107)	23	23	65	65	4	69	26	76(252)
85.3	9.0	63	63	24	24	81	36	46	12(40)	77	8	71	18
		69	3	76	26(108)	22	22	65	65	3	69	26	76(251)
91.9	7.5	63	63	23	23	81	36	45	11(40)	77	7	71	17
		69	2	76	25(108)	21	21	65	65	2	69	26	76(251)
98.4	6.2	63	63	23	23	81	35	45	10(40)	77	6	71	17
		69	1	76	25(108)	21	21	65	65	1	69	25	77(251)
105.0	5.1	63	63	22	22	81	35	45	9(40)	78	5	71	16
		69	0	77	24(108)	20	20	65	65	0	69	25	77(251)
111.5	4.0	63	63	22	22	81	34	45	9(40)	77	5	71	16
		69	0	76	24(108)	20	20	65	65	0	68	24	77(251)
118.1	3.1	63	63	21	21	81	34	45	9(40)	78	4	71	15
		68	0	77	23(108)	19	19	65	65	0	68	23	78(251)

 HA=130.9 HI= 29.5 GGW= 35.9 SL= 0.0 MAX(A,B,C,D)= 7.7 6.7 7.2 7.3

Main boom and fixed jib (jib angle 0.0 degrees)
 Length of main boom = 138.1 ft Length of jib = 29.5 ft
 Main boom sequence = 0-0-45-90-90-90 % LK = 54
 Counterweight = 35.9 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
	1(0)		2(...)		3(90)		6(...)						
	A	B	C	D	A	B	C	D					
32.8	37.7	67	67	35	35	80	47	50	26(37)	78	24	71	30
		71	20	75	36(108)	35	35	67	67	20	71	37	75(251)
39.4	32.6	68	68	31	31	84	43	51	20(40)	81	18	73	26
		72	13	79	34(111)	31	31	68	68	13	71	35	79(248)
45.9	26.7	67	67	29	29	83	43	48	18(38)	80	15	73	24
		71	10	78	32(111)	28	28	68	68	10	71	33	79(248)
52.5	21.8	66	66	28	28	82	41	48	16(39)	79	13	73	22
		72	9	77	29(107)	26	26	67	67	9	72	29	77(252)
59.1	18.1	65	65	26	26	82	39	47	15(39)	79	11	72	21
		72	7	77	28(107)	25	25	67	67	7	71	28	77(252)
65.6	14.8	64	64	26	26	81	39	46	14(39)	78	10	72	20
		71	6	77	27(107)	24	24	66	66	6	70	28	77(252)
72.2	12.1	64	64	25	25	81	38	46	13(39)	78	9	71	19
		70	5	76	26(107)	23	23	65	65	5	70	27	76(252)

78.7	10.1	64	64	24	24	81	36	46	12(40)	78	8	71	18
		70	4	77	26(108)	22	22	65	65	3	69	26	77(251)
85.3	8.4	63	63	23	23	81	36	46	11(40)	78	7	71	17
		69	2	77	25(108)	21	21	65	65	2	69	26	77(251)
91.9	6.8	63	63	23	23	81	35	45	10(40)	78	6	71	17
		69	2	77	25(108)	21	21	65	65	1	69	25	77(251)
98.4	5.5	63	63	22	22	81	35	45	10(40)	78	6	71	16
		69	1	77	24(108)	20	20	65	65	0	69	25	77(251)
105.0	4.2	63	63	22	22	81	35	45	9(40)	77	5	71	16
		69	0	76	24(108)	20	20	65	65	0	68	24	77(251)
111.5	3.1	62	62	22	22	81	34	45	9(40)	77	5	71	16
		69	0	76	24(108)	19	19	65	65	0	68	24	77(251)

HA=138.1 HI= 29.5 GGW= 35.9 SL= 0.0 MAX(A,B,C,D)= 7.8 6.7 7.3 7.3

Main boom and fixed jib (jib angle 0.0 degrees)
 Length of main boom = 145.0 ft Length of jib = 29.5 ft
 Main boom sequence = 0-0-45-100-100-100 % LK = 55
 Counterweight = 35.9 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.			
		1(0)		2(...)		3(90)		6(...)					
		A	B	C	D	A	B	C	D	A	B	C	D
32.8	33.1	63	63	37	37	72	49	48	30(32)	72	27	67	33
		68	25	69	36(103)	36	36	63	63	25	68	37	69(256)
39.4	30.0	65	65	32	32	79	45	49	23(38)	77	21	71	28
		70	17	75	34(109)	32	32	66	66	17	69	35	75(250)
45.9	26.0	66	66	30	30	82	43	48	19(38)	79	16	72	24
		70	11	77	32(111)	29	29	67	67	11	70	33	78(248)
52.5	21.6	66	66	28	28	82	41	48	16(39)	79	13	72	22
		72	9	77	29(107)	27	27	67	67	9	71	30	77(252)
59.1	17.9	65	65	27	27	82	39	47	15(39)	78	12	72	21
		71	7	77	28(107)	25	25	66	66	7	71	28	77(252)
65.6	14.8	64	64	26	26	81	39	46	14(39)	78	10	72	20
		71	6	76	27(107)	24	24	66	66	6	70	28	77(252)
72.2	12.1	64	64	25	25	81	38	46	13(39)	78	9	71	19
		70	5	76	26(107)	23	23	65	65	5	70	27	76(252)
78.7	10.1	64	64	24	24	81	36	46	12(40)	78	8	71	18
		70	4	76	26(108)	22	22	65	65	3	69	26	77(251)
85.3	8.4	63	63	23	23	81	36	46	11(40)	78	7	71	18
		69	2	76	25(108)	22	22	65	65	2	69	26	77(251)
91.9	6.8	63	63	23	23	81	35	45	10(40)	78	6	71	17
		69	2	77	25(108)	21	21	65	65	2	69	25	77(251)
98.4	5.5	63	63	22	22	81	35	45	10(40)	78	6	71	16
		69	1	77	24(108)	20	20	65	65	1	69	25	77(251)
105.0	4.4	63	63	22	22	82	34	45	9(40)	78	5	71	16
		69	0	77	24(108)	20	20	65	65	0	68	24	77(251)
111.5	3.3	63	63	21	21	81	34	45	9(40)	78	4	71	15
		69	0	77	23(108)	19	19	65	65	0	68	23	78(251)
118.1	2.2	62	62	21	21	81	34	44	9(40)	77	4	71	15
		68	0	77	23(108)	19	19	65	65	0	67	23	77(251)

HA=145.0 HI= 29.5 GGW= 35.9 SL= 0.0 MAX(A,B,C,D)= 7.6 6.6 7.2 7.2

 Main boom and fixed jib (jib angle 0.0 degrees)
 Length of main boom = 152.2 ft Length of jib = 29.5 ft
 Main boom sequence = 0-0-90-90-90-90 % LK = 62
 Counterweight = 35.9 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]								(Pos.[Degrees])				0-360 Degr.
		1(0)				2(...)				3(90)				
		4(...)				5(180)				6(...)				
A	B	C	D	A	B	C	D	A	B	C	D			
39.4	30.4	66	66	32	32	81	44	50	21	(39)	78	19	72	27
		71	15	77	34(110)	31	31	67	67		15	70	34	77(249)
45.9	24.7	65	65	30	30	80	43	47	19	(37)	78	16	71	24
		70	12	76	32(110)	29	29	66	66		12	69	33	77(249)
52.5	20.3	65	65	28	28	80	41	47	17	(38)	78	14	71	23
		71	10	76	29(106)	27	27	66	66		10	71	29	76(253)
59.1	16.5	64	64	27	27	80	40	46	16	(38)	77	12	71	21
		71	8	75	28(106)	26	26	65	65		8	70	28	75(253)
65.6	13.7	64	64	26	26	80	38	46	14	(39)	77	11	71	20
		70	6	76	27(107)	24	24	65	65		6	69	28	76(252)
72.2	11.2	63	63	25	25	80	38	46	13	(39)	77	9	71	19
		70	5	76	26(107)	23	23	65	65		5	69	27	76(252)
78.7	9.3	63	63	24	24	80	37	45	12	(39)	77	8	71	18
		70	4	76	26(107)	22	22	65	65		4	69	26	76(252)
85.3	7.5	63	63	23	23	80	36	45	11	(40)	77	7	71	18
		69	3	76	25(108)	21	21	65	65		2	68	26	76(251)
91.9	6.2	63	63	23	23	81	35	45	10	(40)	78	6	71	17
		69	1	77	24(108)	21	21	65	65		1	69	25	77(251)
98.4	4.9	63	63	22	22	81	35	45	9	(40)	78	5	71	16
		69	0	77	24(108)	20	20	65	65		0	69	24	77(251)
105.0	3.5	63	63	22	22	81	34	45	9	(40)	77	5	71	16
		69	0	76	24(108)	20	20	65	65		0	68	24	77(251)
111.5	2.4	62	62	22	22	81	34	44	9	(40)	77	4	71	15
		68	0	77	23(108)	19	19	65	65		0	67	23	77(251)

 HA=152.2 HI= 29.5 GGW= 35.9 SL= 0.0 MAX(A,B,C,D)= 7.6 6.6 7.1 7.1

Main boom and fixed jib (jib angle 0.0 degrees)
 Length of main boom = 161.4 ft Length of jib = 29.5 ft
 Main boom sequence = 0-0-100-100-100-100 % LK = 63
 Counterweight = 35.9 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]								(Pos.[Degrees])				0-360 Degr.
		1(0)				2(...)				3(90)				
		4(...)				5(180)				6(...)				
A	B	C	D	A	B	C	D	A	B	C	D			
39.4	28.4	64	64	33	33	78	45	48	23	(37)	75	21	70	28
		69	17	74	34(108)	32	32	65	65		17	69	34	74(251)
45.9	23.8	65	65	30	30	79	42	48	20	(39)	77	17	70	25
		69	13	75	33(110)	29	29	65	65		13	68	33	75(249)
52.5	19.6	64	64	28	28	79	41	47	18	(38)	77	15	71	23
		69	10	75	31(110)	27	27	65	65		10	68	32	75(249)
59.1	16.1	63	63	27	27	79	40	46	16	(38)	77	13	70	22
		70	9	75	28(106)	26	26	65	65		9	69	28	75(253)

65.6	13.2	63	63	26	26	79	39	45	15(38)	76	11	70	21
		70	7	75	27(106)	24	24	65	65	7	69	28	75(253)
72.2	11.0	63	63	25	25	80	38	46	13(39)	77	10	71	20
		69	6	75	26(107)	23	23	65	65	5	69	27	75(252)
78.7	9.0	63	63	24	24	80	37	45	13(39)	77	9	71	19
		69	4	75	26(107)	22	22	65	65	4	69	26	76(252)
85.3	7.3	63	63	24	24	80	36	45	12(39)	77	8	71	18
		69	3	75	25(107)	22	22	65	65	3	69	26	76(252)
91.9	5.7	62	62	23	23	80	35	45	11(40)	77	7	70	17
		68	2	75	25(108)	21	21	65	65	2	68	26	76(251)
98.4	4.4	62	62	23	23	80	35	45	10(40)	77	6	70	17
		68	1	76	24(108)	21	21	64	64	1	68	25	76(251)
105.0	3.3	62	62	22	22	80	34	45	9(40)	77	5	71	16
		68	0	76	24(108)	20	20	65	65	0	68	24	76(251)
111.5	2.4	62	62	21	21	81	34	44	9(40)	77	4	71	15
		68	0	77	23(108)	19	19	65	65	0	67	23	77(251)

HA=161.4 HI= 29.5 GGW= 35.9 SL= 0.0 MAX(A,B,C,D)= 7.5 6.5 7.1 7.2

Main boom and fixed jib (jib angle 0.0 degrees)

Length of main boom = 166.0 ft Length of jib = 29.5 ft
 Main boom sequence = 0-45-90-90-90-90 % LK = 68
 Counterweight = 35.9 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
	1(0)		2(...)		3(90)		6(...)						
	A	B	C	D	A	B	C	D	A	B	C	D	
39.4	27.8	65	65	32	32	78	44	49	22(38)	76	20	70	27
		69	17	74	34(108)	32	32	65	65	16	69	34	74(251)
45.9	22.3	64	64	30	30	78	42	48	20(39)	75	17	70	25
		68	13	74	32(109)	29	29	65	65	13	68	33	74(250)
52.5	18.1	63	63	29	29	78	41	46	18(37)	75	15	69	24
		67	11	74	31(110)	27	27	65	65	11	67	32	75(249)
59.1	14.8	63	63	27	27	78	40	46	17(38)	76	13	70	22
		69	9	74	28(106)	26	26	64	64	9	69	28	74(253)
65.6	11.9	62	62	26	26	78	39	45	15(38)	75	12	69	21
		69	8	74	27(106)	24	24	64	64	7	68	28	74(253)
72.2	9.7	62	62	25	25	79	37	45	14(39)	76	10	70	20
		69	6	74	26(107)	23	23	64	64	6	68	27	75(252)
78.7	7.7	62	62	24	24	79	37	45	13(39)	76	9	70	19
		68	5	74	26(107)	22	22	64	64	4	68	26	75(252)
85.3	6.0	62	62	24	24	78	36	45	12(39)	75	8	70	18
		68	4	74	25(107)	22	22	64	64	4	68	26	75(252)
91.9	4.6	62	62	23	23	79	36	44	11(39)	76	7	70	17
		68	2	75	24(107)	21	21	64	64	2	68	25	75(252)
98.4	3.3	62	62	22	22	79	34	45	10(40)	76	6	70	17
		68	1	75	24(108)	20	20	64	64	1	67	25	75(251)

HA=166.0 HI= 29.5 GGW= 35.9 SL= 0.0 MAX(A,B,C,D)= 7.4 6.4 7.0 7.0

Main boom and fixed jib (jib angle 0.0 degrees)

Length of main boom = 175.5 ft Length of jib = 29.5 ft
 Main boom sequence = 0-45-100-100-100-100 % LK = 69

Counterweight = 35.9 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
	1(0)		2(...)		3(90)		6(...)						
A	B	C	D	A	B	C	D	A	B	C	D		
45.9	21.6	63	63	31	31	77	42	47	21(38)	74	18	69	26
	67	14	73	32(109)	30	30	64	64	14	67	33	73(250)	
52.5	17.6	63	63	29	29	77	41	46	19(37)	75	16	69	24
	67	11	74	31(110)	28	28	64	64	11	66	32	74(249)	
59.1	14.3	62	62	28	28	77	40	45	17(37)	75	14	69	22
	69	10	73	28(105)	26	26	64	64	10	69	28	73(254)	
65.6	11.5	62	62	27	27	77	39	45	16(38)	74	12	69	21
	68	8	73	28(106)	25	25	63	63	8	68	28	73(253)	
72.2	9.3	62	62	26	26	77	38	45	15(38)	75	11	69	20
	68	7	73	26(106)	24	24	63	63	7	68	27	73(253)	
78.7	7.3	62	62	25	25	77	37	44	14(38)	75	10	69	20
	68	6	73	26(106)	23	23	63	63	6	67	26	73(253)	
85.3	5.7	62	62	24	24	78	36	45	13(39)	75	9	69	19
	68	4	74	25(107)	22	22	63	63	4	67	26	74(252)	
91.9	4.4	62	62	23	23	78	36	44	11(39)	75	7	69	18
	68	3	74	25(107)	21	21	64	64	3	67	25	75(252)	
98.4	3.1	61	61	23	23	78	35	44	11(39)	75	7	69	17
	68	2	74	24(107)	21	21	64	64	2	67	25	75(252)	

HA=175.5 HI= 29.5 GGW= 35.9 SL= 0.0 MAX(A,B,C,D)= 7.3 6.4 6.9 6.9

Main boom and fixed jib (jib angle 0.0 degrees)

Length of main boom = 180.1 ft Length of jib = 29.5 ft

Main boom sequence = 0-90-90-90-90-90 % LK = 73

Counterweight = 35.9 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
	1(0)		2(...)		3(90)		6(...)						
A	B	C	D	A	B	C	D	A	B	C	D		
45.9	20.3	62	62	31	31	76	42	47	21(38)	74	18	68	26
	67	15	72	32(108)	29	29	63	63	14	67	32	72(251)	
52.5	16.1	62	62	29	29	75	42	45	20(36)	73	16	68	24
	66	12	72	31(109)	28	28	63	63	12	66	32	72(250)	
59.1	13.0	62	62	28	28	76	40	45	18(37)	74	14	68	23
	66	10	73	30(110)	26	26	63	63	10	65	31	73(249)	
65.6	10.4	61	61	27	27	76	39	44	16(37)	74	12	68	21
	68	9	72	27(105)	25	25	63	63	9	67	27	72(254)	
72.2	8.2	61	61	26	26	77	38	44	15(38)	74	11	68	20
	67	7	73	26(106)	24	24	63	63	7	67	27	73(253)	
78.7	6.2	61	61	25	25	77	37	44	14(38)	74	10	68	20
	67	6	73	26(106)	23	23	63	63	6	67	26	73(253)	
85.3	4.6	61	61	24	24	77	36	44	13(39)	74	9	69	19
	67	4	73	25(107)	22	22	63	63	4	67	26	73(252)	
91.9	3.1	61	61	24	24	77	35	44	12(39)	74	8	68	18
	67	4	73	25(107)	21	21	63	63	4	66	26	73(252)	

HA=180.1 HI= 29.5 GGW= 35.9 SL= 0.0 MAX(A,B,C,D)= 7.2 6.3 6.8 6.8

 Main boom and fixed jib (jib angle 0.0 degrees)
 Length of main boom = 191.9 ft Length of jib = 29.5 ft
 Main boom sequence = 0-100-100-100-100-100 % LK = 74
 Counterweight = 35.9 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
		1(0)				2(...)					3(90)			
		4(...)				5(180)					6(...)			
A	B	C	D	A	B	C	D	A	B	C	D			
52.5	15.4	61	61	30	30	75	40	46	20(38)	72	17	67	25	
		66	13	71	31(108)	28	28	62	62	13	65	31	71(251)	
59.1	12.3	61	61	28	28	75	41	44	19(36)	73	15	67	23	
		65	11	72	30(109)	26	26	63	63	11	65	30	72(250)	
65.6	9.7	61	61	27	27	75	39	44	17(37)	73	13	67	22	
		67	10	71	28(105)	25	25	62	62	9	67	28	71(254)	
72.2	7.5	60	60	26	26	75	38	44	16(37)	73	12	67	21	
		67	8	71	27(105)	24	24	62	62	8	66	27	71(254)	
78.7	5.7	60	60	25	25	76	37	44	15(38)	73	11	68	20	
		67	7	72	26(106)	23	23	62	62	6	66	26	72(253)	
85.3	4.2	60	60	24	24	76	37	44	14(38)	73	9	68	19	
		67	5	72	25(106)	22	22	63	63	5	66	26	72(253)	
91.9	2.9	60	60	24	24	77	35	44	13(39)	74	8	68	18	
		67	4	73	25(107)	21	21	63	63	4	66	26	73(252)	

 HA=191.9 HI= 29.5 GGW= 35.9 SL= 0.0 MAX(A,B,C,D)= 7.1 6.2 6.8 6.8

Main boom and fixed jib (jib angle 0.0 degrees)
 Length of main boom = 193.9 ft Length of jib = 29.5 ft
 Main boom sequence = 45-90-90-90-90-90 % LK = 76
 Counterweight = 35.9 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
		1(0)				2(...)					3(90)			
		4(...)				5(180)					6(...)			
A	B	C	D	A	B	C	D	A	B	C	D			
45.9	17.6	61	61	31	31	73	42	46	22(36)	71	19	66	27	
		65	16	70	32(107)	30	30	62	62	16	65	32	70(252)	
52.5	13.9	60	60	30	30	73	41	45	20(37)	71	17	66	25	
		65	13	70	31(108)	28	28	62	62	13	65	31	71(251)	
59.1	10.8	60	60	28	28	73	40	44	19(36)	71	15	67	23	
		64	11	71	30(109)	26	26	62	62	11	64	30	71(250)	
65.6	8.4	60	60	27	27	74	39	44	17(37)	72	13	67	22	
		66	9	71	27(105)	25	25	62	62	9	66	28	71(254)	
72.2	6.2	60	60	26	26	74	38	43	16(37)	72	12	67	21	
		66	8	71	26(105)	24	24	62	62	8	66	27	71(254)	
78.7	4.4	60	60	25	25	75	37	44	15(38)	72	11	67	20	
		66	7	71	26(106)	23	23	62	62	6	65	26	71(253)	
85.3	2.9	60	60	24	24	75	36	43	14(38)	73	9	67	19	
		66	6	71	25(106)	22	22	62	62	5	66	26	72(253)	

 HA=193.9 HI= 29.5 GGW= 35.9 SL= 0.0 MAX(A,B,C,D)= 7.0 6.1 6.6 6.7

Main boom and fixed jib (jib angle 0.0 degrees)

Length of main boom = 205.7 ft Length of jib = 29.5 ft
 Main boom sequence = 45-100-100-100-100-100 % LK = 77
 Counterweight = 35.9 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]								(Pos.[Degrees])				0-360 Degr.			
		1(0)				2(...)				3(90)							
		A	B	C	D	A	B	C	D	A	B	C	D	A	B	C	D
52.5	13.2	60	60	30	30	72	41	45	21(37)	70	18	65	26				
		64	14	69	31(107)	28	28	61	61	14	64	31	69(252)				
59.1	10.4	60	60	28	28	72	41	43	19(35)	71	15	66	24				
		64	12	70	30(108)	27	27	61	61	12	64	30	70(251)				
65.6	7.7	59	59	28	28	73	39	43	18(36)	71	14	66	23				
		63	10	70	30(109)	26	26	61	61	10	63	30	70(250)				
72.2	5.7	59	59	26	26	73	39	43	17(36)	71	13	66	22				
		66	9	70	26(104)	24	24	61	61	9	65	27	70(255)				
78.7	4.0	59	59	26	26	74	37	43	15(37)	71	11	66	21				
		66	8	70	26(105)	23	23	61	61	7	65	26	70(254)				
85.3	2.4	59	59	25	25	74	37	43	15(37)	71	10	67	20				
		66	7	70	25(105)	23	23	61	61	6	65	26	71(254)				

HA=205.7 HI= 29.5 GGW= 35.9 SL= 0.0 MAX(A,B,C,D)= 6.9 6.1 6.5 6.6

Main boom and fixed jib (jib angle 0.0 degrees)

Length of main boom = 208.0 ft Length of jib = 29.5 ft
 Main boom sequence = 90-90-90-90-90-90 % LK = 78
 Counterweight = 35.9 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]								(Pos.[Degrees])				0-360 Degr.			
		1(0)				2(...)				3(90)							
		A	B	C	D	A	B	C	D	A	B	C	D	A	B	C	D
52.5	11.9	59	59	30	30	71	41	44	21(36)	69	17	65	25				
		64	14	69	31(107)	28	28	61	61	14	63	31	69(252)				
59.1	8.8	59	59	29	29	71	40	43	20(35)	69	16	65	24				
		63	12	69	30(108)	27	27	61	61	12	63	30	69(251)				
65.6	6.4	58	58	28	28	71	39	43	18(35)	70	14	65	23				
		63	10	69	29(108)	25	25	61	61	10	63	29	69(251)				
72.2	4.4	58	58	26	26	72	38	43	17(36)	70	13	65	22				
		65	9	69	26(104)	24	24	61	61	9	65	27	69(255)				
78.7	2.6	58	58	26	26	73	37	43	16(37)	70	11	66	21				
		65	8	69	26(105)	23	23	61	61	8	64	26	70(254)				

HA=208.0 HI= 29.5 GGW= 35.9 SL= 0.0 MAX(A,B,C,D)= 6.7 6.0 6.5 6.5

HA=208.0 HI= 29.5 GGW= 35.9 SL= 0.0 MAX(A,B,C,D)= 0.0 0.0 0.0 0.0

Programm L A M O S 9 9 Version 1.08 vom 29.09.02

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Eingabedatei: ilam.dat

Festdatei : /berechnung/tabellen/zentraledaten/lamosfd-ac/200-1.99dat

Tabellendat.: /berechnung/tabellen/ac/ac200-1/serie_3/pc_tab/22137012_tab.txt

H

DEMAG Mobile Cranes

OUTRIGGER - LOADINGS

(Variance = +-10%)

PSI= 1.00

Crane : *** AC 200-1 *** mit HKHI fuer GA und MS

Outrigger width = 18.7 ft	Outrigger length = 27.7 ft
Outrigger "A" X = 12.0 ft	Outrigger "A" Y = 9.4 ft
Outrigger "B" X = 12.0 ft	Outrigger "B" Y = -9.4 ft
Outrigger "C" X = -15.7 ft	Outrigger "C" Y = 9.4 ft
Outrigger "D" X = -15.7 ft	Outrigger "D" Y = -9.4 ft

Main boom and fixed jib (jib angle 20.0 degrees)

Length of main boom = 40.7 ft	Length of jib = 29.5 ft
Main boom sequence = 0-0-0-0-0-0 %	LK = 1
Counterweight = 35.9 kip	

Radius Cap. [ft]	Cap. [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.			
		1(0)		2(...)		3(90)		6(...)					
		A	B	C	D	A	B		C		D		
16.4	34.2	47	47	53	53	44	52	48	55(59)	45	55	46	54
		48	56	45	51(128)	53	53	47	47	56	48	51	45(232)
19.7	31.5	48	48	50	50	47	50	49	51(59)	47	51	48	51
		48	51	48	50(127)	50	50	48	48	51	48	50	48(232)
23.0	29.3	49	49	48	48	50	47	49	47(59)	50	47	50	48
		49	47	50	49(127)	47	47	50	50	47	49	49	50(232)
26.2	27.6	51	51	46	46	53	45	50	44(59)	52	43	52	45
		50	42	53	47(128)	45	45	51	51	42	50	47	53(232)
29.5	25.8	52	52	44	44	56	43	51	41(59)	55	40	54	42
		50	39	55	46(128)	43	43	53	53	39	50	46	55(232)
32.8	24.3	53	53	42	42	59	41	51	38(59)	57	37	56	40
		57	37	56	40(90)	41	41	54	54	37	57	40	56(270)
39.4	21.8	56	56	38	38	60	50	43	34(20)	62	30	59	35
		62	30	60	36(92)	37	37	57	57	30	61	36	60(267)
45.9	19.8	58	58	34	34	67	46	44	28(30)	67	25	63	31
		63	23	65	34(102)	33	33	59	59	22	63	34	65(257)
52.5	18.3	61	61	31	31	73	42	46	22(37)	71	19	66	26
		66	16	70	32(107)	30	30	62	62	15	65	32	70(252)

HA= 40.7 HI= 29.5 GGW= 35.9 SL= 0.0 MAX(A,B,C,D)= 6.8 6.1 6.5 6.5

Main boom and fixed jib (jib angle 20.0 degrees)

Length of main boom = 54.5 ft	Length of jib = 29.5 ft
Main boom sequence = 0-0-0-0-0-45 %	LK = 7
Counterweight = 35.9 kip	

Radius Cap. [ft]	Cap. [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.			
		1(0)		2(...)		3(90)		6(...)					
		A	B	C	D	A	B		C		D		
19.7	33.1	49	49	50	50	48	50	49	51(59)	48	51	49	51
		49	51	48	50(127)	50	50	49	49	51	49	50	48(232)

23.0	31.1	50	50	48	48	51	48	50	47(59)	51	47	51	48
		50	47	51	49(128)	48	48	50	50	47	50	49	51(232)
26.2	29.1	51	51	46	46	54	45	51	44(59)	53	43	53	45
		50	42	54	48(128)	45	45	52	52	42	50	48	54(232)
29.5	27.8	53	53	44	44	58	43	51	41(59)	56	40	55	42
		51	38	57	47(128)	43	43	54	54	38	51	47	57(232)
32.8	26.2	54	54	42	42	60	41	52	38(59)	58	36	57	40
		58	36	57	40(90)	41	41	55	55	36	58	40	57(270)
39.4	23.8	57	57	38	38	62	50	43	34(22)	63	30	60	35
		63	30	61	36(94)	37	37	58	58	30	62	36	61(265)
45.9	21.8	59	59	34	34	68	46	45	28(31)	68	25	64	31
		64	22	66	34(103)	33	33	60	60	22	64	34	66(256)
52.5	20.3	62	62	31	31	75	42	47	22(37)	73	19	67	27
		66	15	71	32(108)	30	30	63	63	15	66	33	71(251)
59.1	18.7	64	64	28	28	79	41	47	17(38)	77	14	70	23
		68	9	75	31(111)	27	27	65	65	9	67	32	76(248)
65.6	16.1	64	64	26	26	81	39	47	15(39)	78	11	71	21
		71	7	76	28(107)	25	25	66	66	7	70	28	76(252)

HA= 54.5 HI= 29.5 GGW= 35.9 SL= 0.0 MAX(A,B,C,D)= 7.5 6.5 7.1 7.1

Main boom and fixed jib (jib angle 20.0 degrees)

Length of main boom = 68.6 ft Length of jib = 29.5 ft

Main boom sequence = 0-0-0-0-0-90 % LK = 13

Counterweight = 35.9 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
	1(0)		2(...)		3(90)		6(...)						
	A	B	C	D	A	B	C	D					
23.0	31.7	50	50	48	48	51	48	50	47(59)	51	47	51	48
		50	47	51	49(128)	48	48	51	51	47	50	49	51(232)
26.2	30.2	52	52	46	46	55	46	51	44(59)	54	43	53	45
		51	42	54	48(128)	45	45	52	52	42	51	48	54(232)
29.5	28.7	53	53	44	44	58	43	52	41(59)	57	40	55	42
		52	38	57	47(128)	43	43	54	54	38	52	47	57(232)
32.8	27.6	55	55	42	42	55	55	42	42(0)	60	36	57	40
		60	36	57	40(90)	41	41	55	55	36	60	40	57(270)
39.4	25.4	58	58	38	38	64	50	44	33(24)	65	30	61	35
		63	29	62	36(96)	37	37	58	58	29	63	36	62(263)
45.9	23.1	60	60	34	34	69	46	45	27(32)	69	24	64	31
		65	22	67	34(103)	33	33	61	61	22	65	34	67(256)
52.5	21.2	62	62	31	31	75	43	47	22(37)	73	19	67	27
		66	16	71	33(108)	30	30	63	63	16	66	33	71(251)
59.1	19.2	63	63	29	29	78	42	46	19(37)	76	15	70	24
		68	11	75	31(110)	28	28	65	65	11	67	32	75(249)
65.6	17.0	64	64	27	27	80	39	47	15(39)	77	12	71	21
		70	8	76	28(107)	25	25	66	66	8	70	29	76(252)
72.2	14.1	63	63	26	26	80	39	46	15(39)	77	11	71	21
		70	7	75	27(107)	24	24	65	65	7	69	28	75(252)
78.7	11.9	63	63	25	25	80	38	46	13(39)	77	10	71	20
		70	6	75	26(107)	23	23	65	65	5	69	27	76(252)
85.3	9.9	63	63	24	24	80	37	45	13(39)	77	9	71	19
		69	4	76	26(107)	22	22	65	65	4	69	26	76(252)

 HA= 68.6 HI= 29.5 GGW= 35.9 SL= 0.0 MAX(A,B,C,D)= 7.5 6.5 7.0 7.0

Main boom and fixed jib (jib angle 20.0 degrees)
 Length of main boom = 70.2 ft Length of jib = 29.5 ft
 Main boom sequence = 0-0-0-0-100 % LK = 14
 Counterweight = 35.9 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]								(Pos.[Degrees])				0-360 Degr.
		1(0)		2(...)				3(90)		6(...)				
		A	B	C	D	A	B	C	D	A	B	C	D	
23.0	32.0	50	50	48	48	52	48	50	47(59)	51	47	51	48	
		50	47	52	49(128)	48	48	51	51	47	50	49	52(232)	
26.2	30.0	52	52	46	46	54	46	51	44(59)	54	43	53	45	
		51	43	54	48(128)	45	45	52	52	43	51	48	54(232)	
29.5	28.0	52	52	44	44	57	44	51	41(59)	56	40	54	43	
		51	39	56	47(128)	43	43	53	53	39	51	47	56(232)	
32.8	26.2	54	54	42	42	59	42	52	38(59)	58	37	56	41	
		58	37	56	41(90)	41	41	54	54	37	58	41	56(270)	
39.4	23.4	56	56	39	39	60	51	43	36(17)	62	32	59	36	
		62	32	59	36(90)	38	38	56	56	32	61	36	59(269)	
45.9	20.7	57	57	36	36	64	47	44	31(27)	65	27	61	33	
		63	26	63	34(98)	35	35	58	58	26	63	35	63(261)	
52.5	18.7	59	59	33	33	69	44	45	26(33)	68	23	64	30	
		64	20	67	33(104)	32	32	60	60	20	64	34	67(255)	
59.1	17.0	60	60	31	31	73	42	45	22(36)	71	19	66	26	
		65	15	70	32(107)	29	29	62	62	15	65	32	70(252)	
65.6	15.7	62	62	28	28	77	41	45	18(37)	74	15	69	23	
		66	10	73	31(110)	27	27	64	64	10	66	31	73(249)	
72.2	14.3	64	64	26	26	80	39	46	15(39)	77	11	71	21	
		70	7	75	27(107)	24	24	65	65	7	69	28	76(252)	
78.7	11.9	63	63	25	25	80	38	46	14(39)	77	10	70	20	
		69	6	75	27(107)	24	24	65	65	6	69	27	75(252)	
85.3	10.1	63	63	24	24	80	37	45	12(39)	77	9	71	19	
		70	4	76	26(107)	22	22	65	65	4	69	26	76(252)	

 HA= 70.2 HI= 29.5 GGW= 35.9 SL= 0.0 MAX(A,B,C,D)= 7.5 6.5 7.0 7.0

Main boom and fixed jib (jib angle 20.0 degrees)
 Length of main boom = 82.3 ft Length of jib = 29.5 ft
 Main boom sequence = 0-0-0-0-45-90 % LK = 20
 Counterweight = 35.9 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]								(Pos.[Degrees])				0-360 Degr.
		1(0)		2(...)				3(90)		6(...)				
		A	B	C	D	A	B	C	D	A	B	C	D	
26.2	31.1	52	52	46	46	56	46	51	44(59)	55	43	54	45	
		51	42	55	48(128)	45	45	53	53	42	51	48	55(232)	
29.5	29.8	54	54	43	43	59	43	52	40(59)	58	39	56	42	
		58	39	56	42(90)	43	43	54	54	39	58	42	56(270)	
32.8	28.4	56	56	41	41	57	54	42	40(6)	60	36	58	39	
		60	36	58	39(90)	41	41	56	56	36	60	39	58(270)	

39.4	26.2	58	58	37	37	65	49	45	32(26)	66	29	62	34
		64	28	63	36(98)	37	37	59	59	28	64	36	64(261)
45.9	24.5	61	61	34	34	72	45	46	26(34)	71	23	66	30
		66	20	69	34(105)	33	33	62	62	20	66	34	69(254)
52.5	22.7	63	63	30	30	78	42	48	21(39)	75	18	69	26
		68	14	74	32(109)	29	29	65	65	14	68	33	74(250)
59.1	20.7	65	65	28	28	81	41	47	17(38)	78	13	72	22
		72	9	76	28(106)	26	26	66	66	9	71	29	77(253)
65.6	17.2	64	64	27	27	80	40	46	16(38)	78	12	71	21
		71	8	75	28(106)	26	26	66	66	8	70	28	76(253)
72.2	14.3	63	63	26	26	80	39	46	15(39)	77	11	71	21
		70	7	75	28(107)	25	25	65	65	7	69	28	75(252)
78.7	12.1	63	63	25	25	80	38	46	14(39)	77	10	71	20
		69	6	75	27(107)	24	24	65	65	6	69	27	75(252)
85.3	10.1	63	63	25	25	80	37	45	13(39)	77	9	70	19
		69	5	75	26(107)	23	23	65	65	5	69	27	75(252)
91.9	8.6	63	63	24	24	80	37	45	12(39)	77	8	71	18
		69	4	75	25(107)	22	22	65	65	4	69	26	76(252)
98.4	7.3	63	63	23	23	81	35	45	11(40)	77	7	71	17
		69	2	76	25(108)	21	21	65	65	2	69	25	77(251)

HA= 82.3 HI= 29.5 GGW= 35.9 SL= 0.0 MAX(A,B,C,D)= 7.6 6.6 7.1 7.1

Main boom and fixed jib (jib angle 20.0 degrees)

Length of main boom = 84.0 ft Length of jib = 29.5 ft

Main boom sequence = 0-0-0-0-45-100 % LK = 21

Counterweight = 35.9 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.			
		1(0)		2(...)		3(90)		6(...)					
		4(...)		5(180)		6(...)							
		A	B	C	D	A	B	C	D				
26.2	30.9	52	52	46	46	56	46	51	44(59)	54	43	54	45
		51	42	55	48(128)	45	45	53	53	42	51	48	55(232)
29.5	29.1	53	53	44	44	58	43	52	41(59)	57	40	56	42
		52	38	57	47(128)	43	43	54	54	38	52	47	57(232)
32.8	27.6	55	55	42	42	61	42	52	37(59)	59	36	57	40
		59	36	57	40(90)	41	41	55	55	36	59	40	57(270)
39.4	24.5	56	56	38	38	62	50	43	35(21)	63	31	60	36
		62	30	61	36(93)	37	37	57	57	30	62	36	61(266)
45.9	22.0	58	58	35	35	67	47	45	29(30)	67	26	63	32
		64	24	65	34(101)	34	34	60	60	24	64	35	65(258)
52.5	20.1	60	60	32	32	72	44	46	24(35)	70	21	65	28
		65	18	69	33(106)	31	31	62	62	18	65	33	69(253)
59.1	18.5	62	62	30	30	76	41	47	20(38)	74	17	68	25
		67	13	73	32(109)	28	28	63	63	13	66	32	73(250)
65.6	17.0	64	64	27	27	80	40	46	16(38)	77	13	71	22
		70	9	75	28(106)	26	26	65	65	9	70	28	75(253)
72.2	14.6	64	64	26	26	80	39	46	15(39)	77	11	71	21
		70	7	75	27(107)	24	24	65	65	7	69	28	76(252)
78.7	12.1	63	63	26	26	79	38	46	14(39)	77	10	70	20
		69	6	75	27(107)	24	24	65	65	6	69	27	75(252)
85.3	10.4	63	63	25	25	80	37	45	13(39)	77	9	71	19
		69	5	75	26(107)	23	23	65	65	5	69	26	76(252)

91.9 8.6 63 63 24 24 80 37 45 12(39) 77 8 70 19
 69 4 75 26(107) 22 22 65 65 4 69 26 75(252)
 98.4 7.3 63 63 23 23 80 35 45 11(40) 77 7 71 17
 69 2 76 25(108) 21 21 65 65 2 68 26 76(251)

 HA= 84.0 HI= 29.5 GGW= 35.9 SL= 0.0 MAX(A,B,C,D)= 7.5 6.5 7.0 7.1

Main boom and fixed jib (jib angle 20.0 degrees)
 Length of main boom = 96.5 ft Length of jib = 29.5 ft
 Main boom sequence = 0-0-0-0-90-90 % LK = 28
 Counterweight = 35.9 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]								(Pos.[Degrees])				0-360 Degr.
		1(0)				2(...)				3(90)				
		A	B	C	D	A	B	C	D	A	B	C	D	
29.5	30.0	54	54	43	43	60	43	52	40(59)	58	39	56	42	
		58	39	56	42(90)	43	43	55	55	39	58	42	56(270)	
32.8	28.9	56	56	41	41	58	54	43	40(8)	61	35	59	39	
		61	35	59	39(90)	41	41	56	56	35	61	39	59(270)	
39.4	26.9	59	59	37	37	66	49	45	32(27)	67	29	63	34	
		65	27	64	36(99)	36	36	60	60	27	64	36	65(260)	
45.9	25.1	62	62	33	33	73	45	47	25(35)	72	22	67	29	
		67	19	70	34(106)	33	33	63	63	19	66	34	70(253)	
52.5	23.4	64	64	30	30	79	42	48	20(39)	76	17	70	25	
		69	13	75	32(110)	29	29	65	65	13	68	33	75(249)	
59.1	20.7	65	65	28	28	81	41	47	17(38)	78	13	72	22	
		72	9	76	29(106)	27	27	66	66	9	71	29	76(253)	
65.6	17.2	64	64	27	27	80	40	46	16(38)	77	13	71	22	
		71	9	75	28(106)	26	26	65	65	8	70	28	75(253)	
72.2	14.6	64	64	26	26	80	39	46	15(39)	77	11	71	21	
		70	7	75	28(107)	25	25	65	65	7	69	28	76(252)	
78.7	12.1	63	63	26	26	79	38	46	14(39)	76	11	70	20	
		69	6	75	27(107)	24	24	65	65	6	69	27	75(252)	
85.3	10.4	63	63	25	25	80	37	45	13(39)	77	9	70	19	
		69	5	75	26(107)	23	23	65	65	5	69	27	75(252)	
91.9	8.8	63	63	24	24	80	37	45	12(39)	77	8	71	18	
		69	4	75	25(107)	22	22	65	65	4	69	26	76(252)	
98.4	7.5	63	63	23	23	81	35	45	11(40)	77	7	71	17	
		69	2	76	25(108)	21	21	65	65	2	69	26	76(251)	
105.0	6.2	63	63	23	23	81	35	45	10(40)	77	6	71	17	
		69	2	76	25(108)	21	21	65	65	1	68	25	76(251)	
111.5	5.3	63	63	22	22	82	35	45	9(40)	78	5	72	16	
		69	0	77	23(108)	20	20	65	65	0	69	24	78(251)	

 HA= 96.5 HI= 29.5 GGW= 35.9 SL= 0.0 MAX(A,B,C,D)= 7.6 6.6 7.2 7.2

Main boom and fixed jib (jib angle 20.0 degrees)
 Length of main boom = 100.4 ft Length of jib = 29.5 ft
 Main boom sequence = 0-0-0-0-100-100 % LK = 29
 Counterweight = 35.9 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]								(Pos.[Degrees])				0-360 Degr.
		1(0)				2(...)				3(90)				
		A	B	C	D	A	B	C	D	A	B	C	D	

	4(...)				5(180)				6(...)				
	A	B	C	D	A	B	C	D	A	B	C	D	
29.5	29.3	54	54	44	44	59	43	52	41(59)	57	39	56	42
		52	38	58	47(128)	43	43	54	54	38	52	47	58(232)
32.8	27.8	55	55	42	42	55	55	42	42(0)	60	36	57	40
		60	36	57	40(90)	41	41	56	56	36	60	40	57(270)
39.4	25.1	57	57	38	38	63	50	44	34(23)	64	30	61	35
		63	30	62	36(95)	37	37	58	58	30	63	36	62(264)
45.9	22.9	59	59	35	35	69	47	45	28(31)	68	25	64	31
		65	23	66	34(103)	34	34	60	60	23	64	35	67(256)
52.5	21.2	62	62	32	32	74	43	46	23(36)	72	20	67	27
		66	17	71	33(107)	31	31	63	63	17	66	33	71(252)
59.1	19.2	63	63	29	29	77	42	46	19(37)	75	16	69	24
		67	12	74	32(110)	28	28	64	64	12	67	32	74(249)
65.6	17.4	64	64	27	27	81	39	47	16(39)	78	12	71	21
		71	8	76	28(107)	26	26	66	66	8	70	29	76(252)
72.2	14.6	63	63	26	26	80	39	46	15(39)	77	11	71	21
		70	7	75	28(107)	25	25	65	65	7	69	28	75(252)
78.7	12.3	63	63	26	26	80	38	46	14(39)	77	10	71	20
		69	6	75	27(107)	24	24	65	65	6	69	27	75(252)
85.3	10.4	63	63	25	25	79	37	45	13(39)	76	10	70	19
		69	5	75	26(107)	23	23	65	65	5	69	27	75(252)
91.9	8.8	63	63	24	24	80	37	45	12(39)	77	9	70	19
		69	4	75	26(107)	22	22	65	65	4	69	26	75(252)
98.4	7.5	63	63	24	24	80	36	45	11(40)	77	7	71	18
		69	3	76	25(108)	21	21	65	65	3	68	26	76(251)
105.0	6.4	63	63	23	23	81	35	45	10(40)	77	6	71	17
		69	1	76	25(108)	21	21	65	65	1	69	25	77(251)
111.5	5.3	63	63	22	22	81	35	45	9(40)	78	5	71	16
		69	0	77	24(108)	20	20	65	65	0	69	24	77(251)

HA=100.4 HI= 29.5 GGW= 35.9 SL= 0.0 MAX(A,B,C,D)= 7.6 6.5 7.1 7.1

Main boom and fixed jib (jib angle 20.0 degrees)
Length of main boom = 110.2 ft Length of jib = 29.5 ft
Main boom sequence = 0-0-0-45-90-90 % LK = 36
Counterweight = 35.9 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
	1(0)		2(...)		3(90)		4(90)						
	4(...)				5(180)				6(...)				
	A	B	C	D	A	B	C	D	A	B	C	D	
32.8	29.3	56	56	41	41	59	53	43	39(12)	62	35	59	39
		62	35	59	39(90)	40	40	57	57	35	62	39	59(270)
39.4	27.6	60	60	37	37	68	49	45	31(29)	68	28	64	33
		65	26	66	36(101)	36	36	61	61	26	65	36	66(258)
45.9	25.8	63	63	33	33	75	45	47	24(36)	73	21	68	28
		68	18	72	34(107)	32	32	64	64	18	67	34	72(252)
52.5	24.3	66	66	29	29	81	42	48	18(38)	79	15	72	24
		70	11	77	32(111)	28	28	67	67	11	69	32	77(248)
59.1	20.5	65	65	28	28	82	40	48	16(39)	78	13	72	22
		71	9	77	29(107)	26	26	66	66	9	71	29	77(252)
65.6	17.0	64	64	27	27	80	39	47	15(39)	78	12	71	21
		70	8	76	28(107)	25	25	66	66	8	70	29	76(252)

72.2	14.1	63	63	26	26	80	39	46	15(39)	77	11	71	21
		70	7	75	28(107)	25	25	65	65	7	69	28	75(252)
78.7	11.9	63	63	25	25	80	38	46	14(39)	77	10	70	20
		69	6	75	27(107)	24	24	65	65	6	69	27	75(252)
85.3	10.1	63	63	24	24	80	37	45	13(39)	77	9	71	19
		69	5	75	26(107)	23	23	65	65	4	69	26	76(252)
91.9	8.4	63	63	24	24	80	37	45	12(39)	77	8	70	19
		69	4	75	26(107)	22	22	65	65	4	69	26	75(252)
98.4	7.1	63	63	23	23	80	35	45	11(40)	77	7	71	18
		69	3	76	25(108)	21	21	65	65	2	68	26	76(251)
105.0	6.0	63	63	23	23	81	35	45	10(40)	77	6	71	17
		69	1	76	24(108)	21	21	65	65	1	69	25	77(251)
111.5	4.9	63	63	22	22	81	35	45	9(40)	77	5	71	16
		69	0	77	24(108)	20	20	65	65	0	69	24	77(251)
118.1	3.7	63	63	22	22	81	34	45	9(40)	77	5	71	16
		69	0	76	24(108)	19	19	65	65	0	68	24	77(251)
124.7	2.9	63	63	21	21	81	34	44	8(40)	78	4	71	15
		68	0	78	22(108)	19	19	65	65	0	67	22	78(251)

 HA=110.2 HI= 29.5 GGW= 35.9 SL= 0.0 MAX(A,B,C,D)= 7.6 6.6 7.2 7.3

Main boom and fixed jib (jib angle 20.0 degrees)

Length of main boom = 114.5 ft Length of jib = 29.5 ft

Main boom sequence = 0-0-0-45-100-100 % LK = 37

Counterweight = 35.9 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
	1(0)		2(...)		3(90)		6(...)						
	A	B	C	D	A	B	C	D					
32.8	28.0	55	55	41	41	56	54	42	41(4)	60	36	58	39
		60	36	58	39(90)	41	41	56	56	36	60	39	58(270)
39.4	25.6	58	58	37	37	64	49	44	33(25)	65	30	62	35
		64	28	63	36(97)	37	37	59	59	28	63	36	63(262)
45.9	23.6	60	60	34	34	71	46	46	27(33)	70	24	65	30
		66	21	68	34(104)	33	33	61	61	21	65	34	68(255)
52.5	21.8	63	63	31	31	76	42	47	21(38)	74	19	68	26
		67	15	73	32(108)	30	30	64	64	15	67	33	73(251)
59.1	20.1	65	65	28	28	80	41	47	17(38)	78	14	71	23
		71	10	75	29(106)	27	27	66	66	10	71	29	76(253)
65.6	17.0	64	64	27	27	80	40	46	16(38)	77	12	71	21
		71	8	75	28(106)	26	26	65	65	8	70	28	76(253)
72.2	14.3	64	64	26	26	80	39	46	15(39)	77	11	71	21
		70	7	75	27(107)	24	24	65	65	7	69	28	76(252)
78.7	11.9	63	63	26	26	79	38	46	14(39)	76	10	70	20
		69	6	75	27(107)	24	24	65	65	6	69	27	75(252)
85.3	10.1	63	63	25	25	80	37	45	13(39)	77	9	71	19
		69	5	75	26(107)	23	23	65	65	5	69	26	75(252)
91.9	8.6	63	63	24	24	80	37	45	12(39)	77	8	71	18
		69	4	75	25(107)	22	22	65	65	4	69	26	76(252)
98.4	7.3	63	63	23	23	81	35	45	11(40)	77	7	71	17
		69	2	76	25(108)	21	21	65	65	2	68	26	76(251)
105.0	6.0	63	63	23	23	80	35	45	11(40)	77	6	71	17
		69	2	76	25(108)	21	21	65	65	2	68	25	76(251)

111.5 5.1 63 63 22 22 82 35 45 9(40) 78 5 71 16
 69 0 77 24(108) 20 20 65 65 0 69 24 77(251)
 118.1 4.0 63 63 22 22 81 34 45 9(40) 78 5 71 16
 69 0 77 23(108) 19 19 65 65 0 68 24 77(251)
 124.7 2.9 62 62 22 22 81 34 44 9(40) 77 5 71 15
 68 0 77 23(108) 19 19 65 65 0 67 24 77(251)

 HA=114.5 HI= 29.5 GGW= 35.9 SL= 0.0 MAX(A,B,C,D)= 7.6 6.6 7.1 7.2

Main boom and fixed jib (jib angle 20.0 degrees)

Length of main boom = 124.3 ft Length of jib = 29.5 ft
 Main boom sequence = 0-0-0-90-90-90 % LK = 45
 Counterweight = 35.9 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
		1(0)		2(...)		3(90)		6(...)						
		4(...)		5(180)		6(...)								
		A	B	C	D	A	B	C	D	A	B	C	D	
39.4	27.6	60	60	36	36	69	48	46	30	30	69	27	64	33
		66	25	66	35(101)	36	36	61	61	25	65	36	66(258)	
45.9	26.0	63	63	32	32	76	44	48	23	37	74	21	69	28
		68	17	73	34(108)	32	32	64	64	17	68	34	73(251)	
52.5	24.7	67	67	28	28	83	42	49	17	39	80	14	73	23
		70	9	78	32(112)	28	28	67	67	9	70	32	79(247)	
59.1	20.3	65	65	27	27	82	40	48	16	39	79	13	72	22
		72	9	77	29(107)	26	26	67	67	9	71	29	77(252)	
65.6	16.8	64	64	27	27	81	39	47	15	39	78	12	71	21
		71	8	76	28(107)	25	25	66	66	7	70	28	76(252)	
72.2	13.9	63	63	26	26	80	39	46	15	39	77	11	71	21
		70	7	75	27(107)	24	24	65	65	7	69	28	76(252)	
78.7	11.7	63	63	25	25	80	38	46	14	39	77	10	71	20
		69	6	75	26(107)	24	24	65	65	6	69	27	75(252)	
85.3	9.7	63	63	25	25	80	37	45	13	39	77	9	70	19
		69	5	75	26(107)	23	23	65	65	5	69	26	75(252)	
91.9	8.2	63	63	24	24	80	37	45	12	39	77	8	71	18
		69	4	75	25(107)	22	22	65	65	4	69	26	75(252)	
98.4	6.8	63	63	23	23	80	35	45	11	40	77	7	71	17
		69	2	76	25(108)	21	21	65	65	2	68	26	76(251)	
105.0	5.7	63	63	22	22	81	35	45	10	40	78	6	71	17
		69	1	76	24(108)	20	20	65	65	1	69	25	77(251)	
111.5	4.6	63	63	22	22	81	35	45	9	40	78	5	71	16
		69	0	77	24(108)	20	20	65	65	0	69	24	77(251)	
118.1	3.5	63	63	22	22	81	34	45	9	40	77	5	71	16
		69	0	77	23(108)	19	19	65	65	0	68	24	77(251)	
124.7	2.6	63	63	21	21	81	34	44	8	40	78	4	71	15
		68	0	78	22(108)	19	19	65	65	0	67	22	78(251)	

 HA=124.3 HI= 29.5 GGW= 35.9 SL= 0.0 MAX(A,B,C,D)= 7.7 6.6 7.3 7.3

Main boom and fixed jib (jib angle 20.0 degrees)

Length of main boom = 130.9 ft Length of jib = 29.5 ft
 Main boom sequence = 0-0-0-100-100-100 % LK = 46
 Counterweight = 35.9 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]								(Pos.[Degrees])				0-360 Degr.
	1(0)		2(...)		3(90)		4(...)		5(180)		6(...)		
	A	B	C	D	A	B	C	D	A	B	C	D	
39.4	25.6	58	58	37	37	65	49	45	32(26)	65	29	62	34
		64	28	63	36(98)	37	37	59	59	28	64	36	63(261)
45.9	23.6	61	61	34	34	71	45	46	26(34)	70	23	65	30
		66	21	69	34(105)	33	33	62	62	20	65	34	69(254)
52.5	22.0	63	63	30	30	78	41	48	20(39)	75	18	69	26
		68	14	74	32(109)	29	29	64	64	14	67	33	74(250)
59.1	20.3	65	65	27	27	82	40	48	16(39)	79	13	72	22
		71	9	77	29(107)	26	26	67	67	9	71	29	77(252)
65.6	16.8	64	64	27	27	81	39	47	15(39)	78	12	71	21
		71	8	76	28(107)	25	25	66	66	7	70	28	76(252)
72.2	13.9	63	63	26	26	80	39	46	15(39)	77	11	71	21
		70	7	75	27(107)	24	24	65	65	7	69	28	75(252)
78.7	11.7	63	63	25	25	80	38	46	14(39)	77	10	71	20
		69	6	75	27(107)	24	24	65	65	6	69	27	75(252)
85.3	9.9	63	63	24	24	80	37	45	13(39)	77	9	71	19
		70	4	76	26(107)	22	22	65	65	4	69	26	76(252)
91.9	8.2	63	63	24	24	80	37	45	12(39)	77	8	70	18
		69	4	75	25(107)	22	22	65	65	4	69	26	75(252)
98.4	6.8	63	63	23	23	80	35	45	11(40)	77	7	71	17
		69	2	76	25(108)	21	21	65	65	2	68	26	76(251)
105.0	5.7	63	63	22	22	81	35	45	10(40)	77	6	71	17
		69	1	76	24(108)	21	21	65	65	1	69	25	77(251)
111.5	4.6	63	63	22	22	81	35	45	9(40)	78	5	71	16
		69	0	77	24(108)	20	20	65	65	0	69	24	77(251)
118.1	3.5	63	63	22	22	81	34	45	9(40)	77	5	71	16
		69	0	76	24(108)	20	20	65	65	0	68	24	77(251)
124.7	2.6	63	63	21	21	81	34	44	9(40)	77	4	71	15
		68	0	77	23(108)	19	19	65	65	0	67	23	77(251)

HA=130.9 HI= 29.5 GGW= 35.9 SL= 0.0 MAX(A,B,C,D)= 7.6 6.6 7.2 7.2

Main boom and fixed jib (jib angle 20.0 degrees)
Length of main boom = 138.1 ft Length of jib = 29.5 ft
Main boom sequence = 0-0-45-90-90-90 % LK = 54
Counterweight = 35.9 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]								(Pos.[Degrees])				0-360 Degr.
	1(0)		2(...)		3(90)		4(...)		5(180)		6(...)		
	A	B	C	D	A	B	C	D	A	B	C	D	
45.9	26.2	64	64	32	32	78	43	48	22(38)	76	19	70	27
		69	15	74	34(109)	31	31	65	65	15	68	34	74(250)
52.5	24.0	67	67	28	28	83	41	48	17(39)	80	14	73	23
		73	10	78	30(107)	27	27	67	67	9	72	30	78(252)
59.1	19.6	65	65	27	27	82	40	47	16(39)	79	13	72	22
		71	8	77	29(107)	26	26	66	66	8	71	29	77(252)
65.6	16.1	64	64	26	26	81	39	47	15(39)	78	12	71	21
		71	7	76	28(107)	25	25	66	66	7	70	28	76(252)
72.2	13.2	63	63	26	26	80	38	46	14(39)	77	11	71	20
		70	6	75	27(107)	24	24	65	65	6	69	28	75(252)

78.7	11.0	63	63	25	25	80	38	46	13(39)	77	10	71	19
	69	5	75	26(107)		23	23	65	65	5	69	27	75(252)
85.3	9.3	63	63	24	24	80	37	45	12(39)	77	8	71	19
	70	4	76	26(107)		22	22	65	65	4	69	26	76(252)
91.9	7.7	63	63	23	23	81	36	45	11(40)	77	7	71	18
	69	2	76	25(108)		21	21	65	65	2	69	26	76(251)
98.4	6.4	63	63	23	23	81	35	45	10(40)	78	6	71	17
	69	1	77	25(108)		21	21	65	65	1	69	25	77(251)
105.0	5.1	63	63	22	22	81	35	45	10(40)	78	6	71	16
	69	1	76	24(108)		20	20	65	65	0	69	25	77(251)
111.5	4.0	63	63	22	22	81	34	45	9(40)	78	5	71	16
	69	0	77	24(108)		19	19	65	65	0	68	24	77(251)
118.1	2.9	63	63	21	21	81	34	45	9(40)	77	4	71	15
	68	0	77	23(108)		19	19	65	65	0	67	23	77(251)

 HA=138.1 HI= 29.5 GGW= 35.9 SL= 0.0 MAX(A,B,C,D)= 7.7 6.7 7.2 7.2

Main boom and fixed jib (jib angle 20.0 degrees)

Length of main boom = 145.0 ft Length of jib = 29.5 ft
 Main boom sequence = 0-0-45-100-100-100 % LK = 55
 Counterweight = 35.9 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.			
		1(0)		2(...)		3(90)		6(...)					
		4(...)		5(180)		6(...)							
		A	B	C	D	A	B	C	D				
45.9	23.8	62	62	33	33	73	45	47	25(35)	72	22	67	29
	67	19	70	34(106)		32	32	62	62	19	66	34	70(253)
52.5	22.3	64	64	30	30	79	43	47	19(37)	77	16	70	24
	69	12	75	32(110)		28	28	65	65	12	68	32	75(249)
59.1	19.6	65	65	27	27	82	40	47	16(39)	78	13	72	22
	71	8	77	29(107)		26	26	66	66	8	71	29	77(252)
65.6	16.1	64	64	26	26	80	39	47	15(39)	78	12	71	21
	70	7	76	28(107)		25	25	66	66	7	70	28	76(252)
72.2	13.4	64	64	26	26	80	38	46	14(39)	77	10	71	20
	70	6	76	27(107)		24	24	65	65	6	69	27	76(252)
78.7	11.0	63	63	25	25	80	38	46	13(39)	77	10	71	19
	69	6	75	26(107)		23	23	65	65	5	69	27	75(252)
85.3	9.3	63	63	24	24	80	37	45	12(39)	77	9	71	19
	69	4	75	26(107)		22	22	65	65	4	69	26	76(252)
91.9	7.7	63	63	24	24	80	36	45	11(40)	77	7	71	18
	69	3	76	25(108)		22	22	65	65	2	69	26	76(251)
98.4	6.4	63	63	23	23	81	35	45	10(40)	77	6	71	17
	69	2	76	25(108)		21	21	65	65	1	69	25	77(251)
105.0	5.1	63	63	22	22	81	35	45	10(40)	77	6	71	16
	69	1	76	24(108)		20	20	65	65	1	68	25	77(251)
111.5	4.0	63	63	22	22	81	34	45	9(40)	77	5	71	16
	69	0	76	24(108)		20	20	65	65	0	68	24	77(251)
118.1	2.9	62	62	22	22	81	34	45	9(40)	77	5	71	16
	68	0	76	23(108)		19	19	65	65	0	68	24	77(251)

 HA=145.0 HI= 29.5 GGW= 35.9 SL= 0.0 MAX(A,B,C,D)= 7.6 6.6 7.1 7.1

Main boom and fixed jib (jib angle 20.0 degrees)

Length of main boom = 152.2 ft Length of jib = 29.5 ft
 Main boom sequence = 0-0-90-90-90-90 % LK = 62
 Counterweight = 35.9 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]								(Pos.[Degrees])				0-360 Degr.				
		1(0)		2(...)				3(90)		4(...)		5(180)			6(...)			
		A	B	C	D	A	B	C	D	A	B	C	D		A	B	C	D
45.9	26.5	65	65	31	31	80	43	49	21	(39)	77	18	71	26				
		70	14	75	33	(109)	30	30	66	66	14	69	33	75	(250)			
52.5	22.5	65	65	29	29	81	42	47	18	(38)	78	15	71	24				
		69	10	77	32	(111)	28	28	66	66	10	69	32	77	(248)			
59.1	18.5	64	64	28	28	80	41	47	17	(38)	77	13	71	22				
		71	9	75	28	(106)	26	26	66	66	9	71	29	76	(253)			
65.6	15.4	64	64	26	26	80	39	47	15	(39)	77	11	71	21				
		70	7	76	28	(107)	25	25	65	65	7	70	28	76	(252)			
72.2	12.8	64	64	26	26	80	38	46	14	(39)	77	10	71	20				
		70	6	76	27	(107)	24	24	65	65	6	69	27	76	(252)			
78.7	10.6	63	63	25	25	80	37	45	13	(39)	77	9	71	19				
		70	5	76	26	(107)	23	23	65	65	4	69	26	76	(252)			
85.3	8.8	63	63	24	24	81	36	46	12	(40)	77	8	71	18				
		69	3	76	26	(108)	22	22	65	65	3	69	26	76	(251)			
91.9	7.3	63	63	23	23	81	35	45	11	(40)	78	7	71	17				
		69	2	77	25	(108)	21	21	65	65	2	69	25	77	(251)			
98.4	5.7	63	63	23	23	81	35	45	10	(40)	77	6	71	17				
		69	1	76	24	(108)	21	21	65	65	1	69	25	77	(251)			
105.0	4.4	63	63	22	22	81	35	45	10	(40)	77	6	71	16				
		69	1	76	24	(108)	20	20	65	65	0	68	25	76	(251)			
111.5	3.3	63	63	22	22	81	34	45	9	(40)	77	5	71	16				
		69	0	77	24	(108)	19	19	65	65	0	68	24	77	(251)			
118.1	2.2	62	62	21	21	80	34	44	9	(40)	77	4	71	15				
		68	0	77	23	(108)	19	19	65	65	0	67	23	77	(251)			

HA=152.2 HI= 29.5 GGW= 35.9 SL= 0.0 MAX(A,B,C,D)= 7.5 6.6 7.1 7.1

Main boom and fixed jib (jib angle 20.0 degrees)

Length of main boom = 161.4 ft Length of jib = 29.5 ft
 Main boom sequence = 0-0-100-100-100-100 % LK = 63
 Counterweight = 35.9 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]								(Pos.[Degrees])				0-360 Degr.				
		1(0)		2(...)				3(90)		4(...)		5(180)			6(...)			
		A	B	C	D	A	B	C	D	A	B	C	D		A	B	C	D
52.5	21.8	64	64	29	29	79	42	47	19	(37)	77	16	71	24				
		69	11	75	32	(110)	28	28	65	65	11	68	32	76	(249)			
59.1	18.1	64	64	28	28	79	41	47	17	(38)	77	14	71	23				
		70	10	75	29	(106)	26	26	65	65	10	70	29	75	(253)			
65.6	15.0	63	63	27	27	79	40	46	16	(38)	77	12	70	21				
		70	8	75	28	(106)	25	25	65	65	8	69	28	75	(253)			
72.2	12.6	63	63	26	26	80	38	46	14	(39)	77	11	71	20				
		69	6	75	27	(107)	24	24	65	65	6	69	28	75	(252)			
78.7	10.4	63	63	25	25	80	37	45	13	(39)	77	9	70	19				
		69	5	75	26	(107)	23	23	65	65	5	69	27	75	(252)			

85.3	8.6	63	63	24	24	80	37	45	12(39)	77	8	71	18
	69	4	75	25(107)		22	22	65	65	4	69	26	76(252)
91.9	6.8	62	62	24	24	80	36	45	12(39)	77	8	70	18
	69	3	75	25(107)		22	22	65	65	3	68	26	75(252)
98.4	5.5	63	63	23	23	80	35	45	11(40)	77	7	71	17
	69	2	76	25(108)		21	21	65	65	2	68	25	76(251)
105.0	4.2	62	62	22	22	80	35	45	10(40)	77	6	70	17
	68	1	76	24(108)		20	20	64	64	1	68	25	76(251)
111.5	3.1	62	62	22	22	80	34	45	9(40)	77	5	70	16
	68	0	76	24(108)		20	20	64	64	0	68	24	76(251)

HA=161.4 HI= 29.5 GGW= 35.9 SL= 0.0 MAX(A,B,C,D)= 7.5 6.5 7.0 7.0

Main boom and fixed jib (jib angle 20.0 degrees)

Length of main boom = 166.0 ft Length of jib = 29.5 ft

Main boom sequence = 0-45-90-90-90-90 % LK = 68

Counterweight = 35.9 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
	1(0)				2(...)								
	4(...)				5(180)				6(...)				
	A	B	C	D	A	B	C	D	A	B	C	D	
52.5	20.5	64	64	29	29	78	42	47	19(37)	76	16	70	24
	68	12	75	32(110)		28	28	65	65	12	67	32	75(249)
59.1	16.8	63	63	28	28	78	41	46	18(37)	75	14	70	23
	67	10	74	31(110)		27	27	64	64	10	67	31	75(249)
65.6	13.7	63	63	27	27	78	39	46	16(38)	75	13	69	22
	69	9	74	28(106)		25	25	64	64	9	68	28	74(253)
72.2	11.2	62	62	26	26	78	39	45	15(38)	75	11	69	21
	69	7	74	27(106)		24	24	64	64	7	68	27	74(253)
78.7	9.0	62	62	25	25	78	38	45	14(38)	75	10	69	20
	69	6	74	26(106)		23	23	64	64	6	68	26	74(253)
85.3	7.3	62	62	24	24	78	37	45	13(39)	75	9	69	19
	68	5	74	26(107)		22	22	64	64	4	68	26	74(252)
91.9	5.7	62	62	24	24	79	36	45	12(39)	76	8	70	18
	68	4	75	25(107)		22	22	64	64	3	68	26	75(252)
98.4	4.4	62	62	23	23	79	35	44	11(39)	76	7	70	17
	68	2	75	24(107)		21	21	64	64	2	68	25	75(252)
105.0	3.1	62	62	23	23	79	34	45	11(40)	76	6	70	17
	67	2	75	24(108)		20	20	64	64	2	67	25	75(251)

HA=166.0 HI= 29.5 GGW= 35.9 SL= 0.0 MAX(A,B,C,D)= 7.4 6.3 6.9 7.0

Main boom and fixed jib (jib angle 20.0 degrees)

Length of main boom = 175.5 ft Length of jib = 29.5 ft

Main boom sequence = 0-45-100-100-100-100 % LK = 69

Counterweight = 35.9 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
	1(0)				2(...)								
	4(...)				5(180)				6(...)				
	A	B	C	D	A	B	C	D	A	B	C	D	
52.5	19.8	63	63	30	30	77	41	47	20(39)	75	17	69	25
	67	13	73	32(109)		29	29	64	64	13	67	32	73(250)

59.1	16.3	62	62	28	28	77	41	46	18(37)	75	15	69	23
		67	11	74	31(110)	27	27	64	64	11	66	31	74(249)
65.6	13.4	62	62	27	27	77	40	45	17(37)	75	13	69	22
		69	9	73	28(105)	26	26	64	64	9	69	28	73(254)
72.2	11.0	62	62	26	26	78	39	45	15(38)	75	12	69	21
		69	8	73	27(106)	24	24	64	64	7	68	28	74(253)
78.7	8.8	62	62	26	26	77	38	45	15(38)	75	11	69	20
		68	7	73	26(106)	24	24	63	63	6	68	27	73(253)
85.3	7.1	62	62	25	25	78	37	45	13(39)	75	9	69	19
		68	5	74	26(107)	23	23	63	63	5	67	26	74(252)
91.9	5.5	62	62	24	24	78	36	44	13(39)	75	8	69	19
		68	4	74	25(107)	22	22	63	63	4	67	26	74(252)
98.4	4.2	62	62	23	23	78	36	44	12(39)	75	7	69	18
		68	3	74	25(107)	21	21	64	64	3	67	25	74(252)
105.0	2.9	61	61	23	23	78	35	44	11(39)	75	7	69	17
		67	3	74	24(107)	21	21	63	63	2	67	25	74(252)

HA=175.5 HI= 29.5 GGW= 35.9 SL= 0.0 MAX(A,B,C,D)= 7.3 6.4 6.9 6.9

Main boom and fixed jib (jib angle 20.0 degrees)

Length of main boom = 180.1 ft Length of jib = 29.5 ft
 Main boom sequence = 0-90-90-90-90-90 % LK = 73
 Counterweight = 35.9 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
	1(0)				2(...)								
	4(...)				5(180)				6(...)				
	A	B	C	D	A	B	C	D	A	B	C	D	
59.1	15.2	62	62	28	28	76	41	45	19(37)	74	15	68	24
		66	11	73	30(109)	27	27	63	63	11	66	31	73(250)
65.6	12.1	61	61	28	28	76	40	45	17(37)	73	14	68	22
		68	10	72	28(105)	26	26	63	63	10	67	28	72(254)
72.2	9.7	61	61	26	26	76	39	44	16(37)	73	12	68	21
		68	9	72	27(105)	25	25	63	63	8	67	27	72(254)
78.7	7.7	61	61	26	26	76	38	44	15(38)	74	11	68	20
		67	7	73	26(106)	24	24	63	63	7	67	27	73(253)
85.3	6.0	61	61	25	25	77	37	44	14(38)	74	10	68	20
		67	6	73	26(106)	23	23	63	63	6	67	26	73(253)
91.9	4.4	61	61	24	24	77	37	44	13(38)	74	9	68	19
		67	5	73	25(106)	22	22	63	63	5	67	26	73(253)
98.4	3.1	61	61	24	24	77	35	44	12(39)	74	8	69	18
		67	4	73	25(107)	21	21	63	63	3	66	25	73(252)

HA=180.1 HI= 29.5 GGW= 35.9 SL= 0.0 MAX(A,B,C,D)= 7.2 6.2 6.8 6.8

Main boom and fixed jib (jib angle 20.0 degrees)

Length of main boom = 191.9 ft Length of jib = 29.5 ft
 Main boom sequence = 0-100-100-100-100-100 % LK = 74
 Counterweight = 35.9 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.			
	1(0)				2(...)							
	4(...)				5(180)				6(...)			
	A	B	C	D	A	B	C	D	A	B	C	D

59.1	14.6	61	61	29	29	75	41	45	19(36)	73	16	67	24
		65	12	72	31(109)	27	27	63	63	12	65	31	72(250)
65.6	11.7	61	61	28	28	75	40	44	18(36)	73	14	67	23
		65	10	72	30(109)	26	26	63	63	10	65	30	72(250)
72.2	9.3	60	60	27	27	75	39	44	17(37)	73	13	67	22
		67	9	71	27(105)	25	25	62	62	9	67	28	71(254)
78.7	7.3	60	60	26	26	75	38	44	16(37)	73	12	67	21
		67	8	71	26(105)	24	24	62	62	8	67	27	72(254)
85.3	5.5	60	60	25	25	75	37	44	15(38)	73	11	67	20
		67	7	72	26(106)	23	23	62	62	7	66	26	72(253)
91.9	4.0	60	60	25	25	75	37	43	14(38)	73	10	67	19
		66	6	72	26(106)	22	22	62	62	6	66	26	72(253)
98.4	2.6	60	60	24	24	76	36	43	13(38)	73	9	68	19
		66	5	72	25(106)	22	22	62	62	5	66	25	72(253)

HA=191.9 HI= 29.5 GGW= 35.9 SL= 0.0 MAX(A,B,C,D)= 7.0 6.2 6.7 6.7

Main boom and fixed jib (jib angle 20.0 degrees)

Length of main boom = 193.9 ft Length of jib = 29.5 ft

Main boom sequence = 45-90-90-90-90-90 % LK = 76

Counterweight = 35.9 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.			
		1(0)		2(...)		3(90)		6(...)					
		4(...)		5(180)		6(...)							
		A	B	C	D	A	B	C	D				
59.1	13.0	60	60	29	29	73	40	45	20(38)	71	17	66	25
		65	13	70	31(108)	28	28	62	62	13	64	31	71(251)
65.6	10.4	60	60	28	28	74	40	44	18(36)	72	15	67	23
		65	11	71	30(109)	26	26	62	62	10	64	30	71(250)
72.2	7.9	60	60	27	27	74	39	43	17(36)	72	13	67	22
		67	10	70	27(104)	25	25	62	62	10	66	27	70(255)
78.7	6.0	60	60	26	26	74	38	43	16(37)	72	12	67	21
		66	8	71	26(105)	24	24	62	62	8	66	27	71(254)
85.3	4.4	60	60	25	25	75	37	44	15(38)	72	10	67	20
		66	6	71	26(106)	23	23	62	62	6	66	26	72(253)
91.9	2.9	60	60	24	24	75	36	43	14(38)	72	9	67	19
		66	6	71	25(106)	22	22	62	62	5	65	26	72(253)

HA=193.9 HI= 29.5 GGW= 35.9 SL= 0.0 MAX(A,B,C,D)= 7.0 6.1 6.6 6.7

Main boom and fixed jib (jib angle 20.0 degrees)

Length of main boom = 205.7 ft Length of jib = 29.5 ft

Main boom sequence = 45-100-100-100-100-100 % LK = 77

Counterweight = 35.9 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.			
		1(0)		2(...)		3(90)		6(...)					
		4(...)		5(180)		6(...)							
		A	B	C	D	A	B	C	D				
65.6	9.9	60	60	28	28	73	41	43	19(35)	71	15	66	24
		64	11	70	30(108)	26	26	61	61	11	64	30	70(251)
72.2	7.5	59	59	27	27	73	39	43	18(36)	71	14	66	23
		63	10	70	29(109)	25	25	61	61	10	63	30	70(250)

78.7 5.7 59 59 26 26 74 38 43 16(37) 71 12 66 21
 66 9 70 27(105) 24 24 62 62 9 65 27 70(254)
 85.3 4.0 59 59 26 26 74 37 43 15(37) 71 11 66 21
 66 8 70 26(105) 23 23 61 61 7 65 26 70(254)
 91.9 2.4 59 59 25 25 73 37 43 15(37) 71 11 66 20
 65 7 70 26(105) 23 23 61 61 7 65 26 70(254)

 HA=205.7 HI= 29.5 GGW= 35.9 SL= 0.0 MAX(A,B,C,D)= 6.8 6.1 6.5 6.5

HA=205.7 HI= 29.5 GGW= 35.9 SL= 0.0 MAX(A,B,C,D)= 0.0 0.0 0.0 0.0

HA=205.7 HI= 29.5 GGW= 35.9 SL= 0.0 MAX(A,B,C,D)= 0.0 0.0 0.0 0.0

Programm L A M O S 9 9 Version 1.08 vom 29.09.02

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Eingabedatei: ilam.dat

Festdatei : /berechnung/tabellen/zentraledaten/lamosfd-ac/200-1.99dat

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H

DEMAG Mobile Cranes

O U T R I G G E R - L O A D I N G S

(Variance = +-10%)

PSI= 1.00

Crane : *** AC 200-1 *** mit HKHI fuer GA und MS

 Outrigger width = 18.7 ft Outrigger length = 27.7 ft
 Outrigger "A" X = 12.0 ft Outrigger "A" Y = 9.4 ft
 Outrigger "B" X = 12.0 ft Outrigger "B" Y = -9.4 ft
 Outrigger "C" X = -15.7 ft Outrigger "C" Y = 9.4 ft
 Outrigger "D" X = -15.7 ft Outrigger "D" Y = -9.4 ft

Main boom and fixed jib (jib angle 40.0 degrees)

Length of main boom = 40.7 ft Length of jib = 29.5 ft

Main boom sequence = 0-0-0-0-0-0 % LK = 1

Counterweight = 35.9 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
		1(0)		2(...)		3(90)		6(...)						
		A	B	C	D	A	B	C	D		A	B	C	D
23.0	22.7	43	43	51	51	39	50	45	54(59)	40	53	42	52	
		44	54	41	49(128)	50	50	43	43	54	44	49	41(232)	
26.2	21.6	44	44	49	49	42	48	46	51(59)	43	50	45	50	
		45	50	44	48(128)	48	48	45	45	50	45	48	44(232)	
29.5	20.7	46	46	47	47	45	46	47	47(59)	46	46	47	47	
		46	46	47	47(127)	46	46	47	47	46	46	47	47(232)	
32.8	20.1	47	47	45	45	49	44	48	44(59)	49	43	49	45	
		47	42	50	46(128)	44	44	49	49	42	47	46	50(232)	
39.4	18.7	51	51	41	41	56	40	50	38(59)	54	36	54	39	
		54	36	54	39(90)	40	40	52	52	36	54	39	54(270)	
45.9	17.6	54	54	37	37	59	49	41	34(19)	61	29	58	34	
		60	29	58	35(92)	36	36	56	56	29	60	35	59(267)	

HA= 40.7 HI= 29.5 GGW= 35.9 SL= 0.0 MAX(A,B,C,D)= 5.6 5.6 5.4 5.4

Main boom and fixed jib (jib angle 40.0 degrees)

Length of main boom = 54.5 ft Length of jib = 29.5 ft
Main boom sequence = 0-0-0-0-0-45 % LK = 7
Counterweight = 35.9 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]								(Pos.[Degrees])				0-360 Degr.
		1(0)		2(...)				3(90)		4(...)				
		A	B	C	D	A	B	C	D	A	B	C	D	
26.2	22.3	44	44	50	50	42	48	46	51	(59)	43	50	45	50
		45	50	44	48(128)	49	49	45	45		50	45	48	44(232)
29.5	21.4	46	46	48	48	45	46	47	48	(59)	45	47	47	48
		46	47	47	47(127)	47	47	47	47		47	46	47	47(232)
32.8	20.7	47	47	45	45	49	45	48	45	(59)	49	43	49	45
		47	43	49	47(128)	44	44	49	49		43	47	47	49(232)
39.4	19.4	50	50	42	42	55	41	50	39	(59)	54	37	53	40
		49	36	55	45(128)	41	41	52	52		36	49	45	55(232)
45.9	18.5	54	54	38	38	58	50	41	35	(16)	60	31	58	35
		60	31	58	35(90)	37	37	55	55		31	60	35	58(270)
52.5	17.6	57	57	34	34	66	45	44	28	(30)	65	25	62	31
		63	23	64	34(101)	33	33	58	58		22	62	34	64(258)
59.1	17.4	61	61	30	30	75	41	46	21	(38)	72	18	67	26
		66	14	71	32(108)	29	29	63	63		14	65	32	71(251)

HA= 54.5 HI= 29.5 GGW= 35.9 SL= 0.0 MAX(A,B,C,D)= 6.9 6.1 6.6 6.6

Main boom and fixed jib (jib angle 40.0 degrees)

Length of main boom = 68.6 ft Length of jib = 29.5 ft
Main boom sequence = 0-0-0-0-0-90 % LK = 13
Counterweight = 35.9 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]								(Pos.[Degrees])				0-360 Degr.
		1(0)		2(...)				3(90)		4(...)				
		A	B	C	D	A	B	C	D	A	B	C	D	
29.5	21.8	46	46	48	48	45	47	47	48	(59)	45	47	47	48
		46	47	47	47(127)	47	47	47	47		47	46	47	47(232)
32.8	21.2	47	47	46	46	49	45	48	45	(59)	48	44	49	45
		47	43	49	47(128)	45	45	49	49		43	47	47	49(232)
39.4	20.1	51	51	42	42	55	41	50	39	(59)	54	37	53	41
		49	36	55	45(128)	41	41	52	52		36	49	45	55(232)
45.9	19.2	54	54	38	38	57	50	41	36	(14)	60	31	58	36
		60	31	58	36(90)	37	37	55	55		31	60	36	58(270)
52.5	18.3	57	57	35	35	65	46	43	29	(29)	65	26	62	32
		63	24	63	34(100)	34	34	58	58		24	62	34	63(259)
59.1	17.6	60	60	31	31	72	42	45	23	(36)	71	20	66	27
		65	16	69	32(107)	30	30	62	62		16	65	33	69(252)
65.6	17.0	63	63	28	28	78	40	46	17	(38)	76	14	70	22
		69	10	74	29(106)	26	26	65	65		10	69	29	74(253)
72.2	14.6	63	63	26	26	80	39	46	15	(38)	77	11	71	21
		70	7	75	27(106)	25	25	65	65		7	70	28	75(253)

 HA= 68.6 HI= 29.5 GGW= 35.9 SL= 0.0 MAX(A,B,C,D)= 7.4 6.5 7.0 7.0

Main boom and fixed jib (jib angle 40.0 degrees)
 Length of main boom = 70.2 ft Length of jib = 29.5 ft
 Main boom sequence = 0-0-0-0-100 % LK = 14
 Counterweight = 35.9 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]								(Pos.[Degrees])				0-360 Degr.
		1(0)		2(...)		3(90)		4(...)		5(180)		6(...)		
		A	B	C	D	A	B	C	D	A	B	C	D	
29.5	21.8	46	46	48	48	45	47	47	48	(59)	45	47	47	48
		46	47	47	47(127)	47	47	47	47		47	46	47	47(232)
32.8	21.2	47	47	46	46	49	45	48	45	(59)	48	44	49	45
		47	43	49	47(128)	45	45	49	49		43	47	47	49(232)
39.4	20.1	50	50	42	42	55	41	50	39	(59)	54	37	53	41
		49	36	55	45(128)	41	41	52	52		36	49	45	55(232)
45.9	19.2	54	54	38	38	57	50	41	36	(14)	60	32	57	36
		60	32	57	36(90)	37	37	55	55		32	60	36	57(270)
52.5	17.9	56	56	35	35	64	47	43	30	(27)	64	26	61	32
		62	25	62	34(99)	34	34	58	58		24	62	34	63(260)
59.1	16.3	58	58	32	32	69	44	44	25	(33)	67	22	63	29
		63	19	66	32(104)	31	31	60	60		19	63	33	66(255)
65.6	15.2	61	61	30	30	74	41	45	21	(37)	72	17	67	25
		65	13	71	31(108)	28	28	62	62		13	65	32	71(251)
72.2	14.1	63	63	27	27	78	39	46	16	(38)	75	13	69	22
		69	9	74	28(106)	25	25	64	64		9	69	28	74(253)

 HA= 70.2 HI= 29.5 GGW= 35.9 SL= 0.0 MAX(A,B,C,D)= 7.3 6.4 6.8 6.9

Main boom and fixed jib (jib angle 40.0 degrees)
 Length of main boom = 82.3 ft Length of jib = 29.5 ft
 Main boom sequence = 0-0-0-0-45-90 % LK = 20
 Counterweight = 35.9 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]								(Pos.[Degrees])				0-360 Degr.
		1(0)		2(...)		3(90)		4(...)		5(180)		6(...)		
		A	B	C	D	A	B	C	D	A	B	C	D	
32.8	21.6	48	48	46	46	49	45	48	45	(59)	49	44	49	45
		47	43	50	47(128)	45	45	49	49		43	47	47	50(232)
39.4	20.5	51	51	42	42	56	41	50	39	(59)	54	37	54	41
		49	36	55	45(128)	41	41	52	52		36	49	45	55(232)
45.9	19.6	54	54	38	38	58	50	42	35	(16)	60	31	58	36
		60	31	58	36(90)	37	37	55	55		31	60	36	58(270)
52.5	18.7	57	57	35	35	65	46	44	29	(29)	65	25	62	31
		63	23	64	34(101)	34	34	58	58		23	62	34	64(258)
59.1	18.3	61	61	31	31	73	43	46	22	(36)	71	19	66	27
		65	16	70	32(107)	30	30	62	62		16	65	32	70(252)
65.6	17.6	64	64	28	28	79	40	46	17	(38)	77	13	70	22
		70	9	75	28(106)	26	26	65	65		9	70	29	75(253)
72.2	15.0	63	63	26	26	79	39	46	15	(38)	77	12	71	21
		70	8	75	27(106)	25	25	65	65		7	70	28	75(253)

78.7 12.6 63 63 26 26 80 38 46 14(39) 77 11 70 20
 69 6 75 27(107) 24 24 65 65 6 69 27 75(252)
 85.3 10.4 63 63 25 25 79 37 45 13(39) 76 10 70 19
 69 5 75 26(107) 23 23 65 65 5 68 27 75(252)

 HA= 82.3 HI= 29.5 GGW= 35.9 SL= 0.0 MAX(A,B,C,D)= 7.4 6.5 7.0 7.0

Main boom and fixed jib (jib angle 40.0 degrees)
 Length of main boom = 84.0 ft Length of jib = 29.5 ft
 Main boom sequence = 0-0-0-0-45-100 % LK = 21
 Counterweight = 35.9 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.					
		1(0)		2(...)		3(90)		6(...)							
		A	B	C	D	A	B	C	D						
32.8	21.6	48	48	46	46	49	45	48	45(59)	49	44	49	45		
		47	43	50	47(128)	45	45	49	49	43	47	47	50(232)		
39.4	20.5	51	51	42	42	56	41	50	39(59)	54	37	54	41		
		49	36	55	45(128)	41	41	52	52	36	49	45	55(232)		
45.9	19.6	54	54	38	38	58	50	41	36(15)	60	31	58	36		
		60	31	58	36(90)	37	37	55	55	31	60	36	58(270)		
52.5	18.5	57	57	35	35	65	46	43	29(28)	65	26	62	32		
		62	24	63	34(100)	34	34	58	58	24	62	34	63(259)		
59.1	17.6	60	60	32	32	71	43	45	24(35)	70	20	65	28		
		65	17	69	32(106)	30	30	61	61	17	64	33	69(253)		
65.6	16.3	62	62	29	29	75	42	45	19(36)	73	16	68	24		
		66	12	72	31(109)	28	28	63	63	12	66	31	73(250)		
72.2	15.0	63	63	27	27	79	39	46	16(38)	77	12	70	21		
		70	8	75	28(106)	25	25	65	65	8	69	28	75(253)		
78.7	12.6	63	63	26	26	79	38	46	15(39)	76	11	70	20		
		69	7	75	27(107)	24	24	65	65	6	69	28	75(252)		
85.3	10.6	63	63	25	25	80	37	45	13(39)	77	9	70	19		
		69	5	75	26(107)	23	23	65	65	5	69	27	75(252)		

 HA= 84.0 HI= 29.5 GGW= 35.9 SL= 0.0 MAX(A,B,C,D)= 7.4 6.5 7.0 7.0

Main boom and fixed jib (jib angle 40.0 degrees)
 Length of main boom = 96.5 ft Length of jib = 29.5 ft
 Main boom sequence = 0-0-0-0-90-90 % LK = 28
 Counterweight = 35.9 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.					
		1(0)		2(...)		3(90)		6(...)							
		A	B	C	D	A	B	C	D						
39.4	20.7	51	51	42	42	56	41	50	39(59)	55	37	54	40		
		50	36	56	45(128)	41	41	52	52	36	50	45	56(232)		
45.9	19.8	54	54	38	38	58	50	42	35(16)	60	31	58	36		
		60	31	58	36(90)	37	37	56	56	31	60	36	58(270)		
52.5	19.2	58	58	35	35	66	46	44	28(30)	66	25	62	31		
		63	23	64	34(101)	33	33	59	59	23	63	34	65(258)		
59.1	18.5	61	61	31	31	73	43	46	22(36)	71	19	66	27		
		66	16	70	32(107)	30	30	62	62	16	65	32	70(252)		

65.6	17.9	64	64	28	28	79	41	47	17(38)	77	14	70	22
		70	10	75	28(106)	26	26	65	65	9	70	29	75(253)
72.2	15.2	63	63	27	27	79	40	46	15(38)	77	12	71	21
		70	8	75	28(106)	25	25	65	65	8	70	28	75(253)
78.7	12.8	63	63	26	26	79	38	46	15(39)	76	11	70	21
		69	7	75	27(107)	24	24	65	65	7	69	28	75(252)
85.3	10.8	63	63	25	25	79	37	45	13(39)	76	10	70	20
		69	6	75	26(107)	23	23	65	65	5	69	27	75(252)
91.9	9.0	63	63	24	24	79	37	45	13(39)	76	9	70	19
		69	4	75	26(107)	22	22	65	65	4	69	26	75(252)

HA= 96.5 HI= 29.5 GGW= 35.9 SL= 0.0 MAX(A,B,C,D)= 7.4 6.5 7.0 7.0

Main boom and fixed jib (jib angle 40.0 degrees)

Length of main boom = 100.4 ft Length of jib = 29.5 ft

Main boom sequence = 0-0-0-0-100-100 % LK = 29

Counterweight = 35.9 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
	1(0)		2(...)		3(90)		6(...)						
	A	B	C	D	A	B	C	D					
39.4	20.7	51	51	42	42	56	41	50	39(59)	55	37	54	41
		50	36	55	45(128)	41	41	52	52	36	50	45	55(232)
45.9	19.8	54	54	38	38	58	50	42	35(16)	60	31	58	36
		60	31	58	36(90)	37	37	56	56	31	60	36	58(270)
52.5	19.0	57	57	35	35	65	46	44	29(29)	65	26	62	32
		63	24	64	34(100)	34	34	59	59	24	63	34	64(259)
59.1	18.1	60	60	32	32	72	43	46	23(36)	70	20	66	27
		65	17	69	32(106)	30	30	62	62	17	65	33	69(253)
65.6	17.0	62	62	29	29	77	41	46	19(37)	74	15	69	24
		67	11	73	31(110)	27	27	64	64	11	66	32	74(249)
72.2	15.2	63	63	27	27	79	40	46	16(38)	77	12	70	21
		70	8	75	28(106)	25	25	65	65	8	69	28	75(253)
78.7	12.8	63	63	26	26	79	39	45	15(38)	76	11	70	21
		69	7	74	27(106)	24	24	65	65	7	69	27	75(253)
85.3	10.8	63	63	25	25	79	37	45	14(39)	76	10	70	20
		69	6	75	27(107)	24	24	65	65	6	68	27	75(252)
91.9	9.3	63	63	24	24	80	37	45	13(39)	77	9	71	19
		69	4	75	26(107)	22	22	65	65	4	69	26	75(252)
98.4	7.7	63	63	24	24	80	36	45	12(39)	77	8	71	18
		69	3	75	25(107)	22	22	65	65	3	69	26	76(252)

HA=100.4 HI= 29.5 GGW= 35.9 SL= 0.0 MAX(A,B,C,D)= 7.4 6.5 7.0 7.0

Main boom and fixed jib (jib angle 40.0 degrees)

Length of main boom = 110.2 ft Length of jib = 29.5 ft

Main boom sequence = 0-0-0-45-90-90 % LK = 36

Counterweight = 35.9 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.
	1(0)		2(...)		3(90)		6(...)		
	A	B	C	D	A	B	C	D	

39.4	20.9	52	52	42	42	57	41	50	38(59)	55	37	54	40
		55	37	54	40(90)	41	41	53	53	37	55	40	54(270)
45.9	20.1	55	55	38	38	59	50	42	35(18)	61	30	59	35
		61	30	59	35(91)	37	37	56	56	30	61	36	59(268)
52.5	19.4	58	58	34	34	67	45	44	28(31)	67	24	63	31
		64	22	65	34(102)	33	33	59	59	22	63	34	65(257)
59.1	18.7	62	62	31	31	74	42	46	21(37)	72	18	67	26
		66	15	71	32(108)	29	29	63	63	15	66	32	71(251)
65.6	17.9	64	64	27	27	80	40	47	16(38)	77	13	71	22
		71	9	75	28(106)	26	26	65	65	9	70	29	75(253)
72.2	15.0	63	63	26	26	79	39	46	15(38)	77	12	71	21
		70	8	75	27(106)	25	25	65	65	8	70	28	75(253)
78.7	12.6	63	63	26	26	79	38	46	15(39)	76	11	70	20
		69	7	75	27(107)	24	24	65	65	6	69	28	75(252)
85.3	10.6	63	63	25	25	79	37	45	13(39)	76	10	70	19
		69	6	75	26(107)	23	23	65	65	5	69	27	75(252)
91.9	8.8	63	63	24	24	79	37	45	13(39)	76	9	70	19
		69	4	75	26(107)	22	22	65	65	4	68	26	75(252)
98.4	7.5	63	63	24	24	80	36	45	11(40)	77	7	71	18
		69	3	76	25(108)	21	21	65	65	3	68	26	76(251)
105.0	6.2	63	63	23	23	80	35	45	10(40)	77	6	71	17
		69	2	76	25(108)	21	21	65	65	2	68	25	76(251)

 HA=110.2 HI= 29.5 GGW= 35.9 SL= 0.0 MAX(A,B,C,D)= 7.5 6.5 7.1 7.1

Main boom and fixed jib (jib angle 40.0 degrees)

Length of main boom = 114.5 ft Length of jib = 29.5 ft

Main boom sequence = 0-0-0-45-100-100 % LK = 37

Counterweight = 35.9 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.			
		1(0)		2(...)		3(90)		6(...)					
		4(...)		5(180)		6(...)							
		A	B	C	D	A	B	C	D				
39.4	20.9	52	52	42	42	57	41	50	38(59)	55	37	54	40
		55	37	54	40(90)	41	41	53	53	37	55	40	54(270)
45.9	20.1	55	55	38	38	59	50	42	35(18)	61	31	58	35
		61	30	59	35(91)	37	37	56	56	30	61	36	59(268)
52.5	19.4	58	58	34	34	67	45	44	28(31)	67	24	63	31
		63	22	65	34(102)	33	33	59	59	22	63	34	65(257)
59.1	18.5	61	61	31	31	74	42	46	22(37)	72	19	67	26
		66	15	70	32(107)	30	30	62	62	15	65	32	71(252)
65.6	17.6	64	64	28	28	79	40	46	17(38)	77	14	70	22
		70	10	75	28(106)	26	26	65	65	9	70	29	75(253)
72.2	15.0	63	63	27	27	79	39	46	16(38)	77	12	70	21
		70	8	75	28(106)	25	25	65	65	8	69	28	75(253)
78.7	12.6	63	63	26	26	79	39	45	15(38)	76	11	70	21
		69	7	74	27(106)	24	24	65	65	7	69	27	75(253)
85.3	10.6	63	63	25	25	79	37	45	14(39)	76	10	70	20
		69	6	75	27(107)	23	23	64	64	6	68	27	75(252)
91.9	9.0	63	63	24	24	80	37	45	13(39)	77	9	70	19
		69	4	75	26(107)	22	22	65	65	4	69	26	75(252)
98.4	7.5	63	63	24	24	80	36	45	12(39)	77	8	70	18
		69	3	75	25(107)	22	22	65	65	3	69	26	75(252)

105.0 6.4 63 63 23 23 81 35 45 10(40) 77 6 71 17
 69 2 76 25(108) 21 21 65 65 1 69 25 77(251)
 111.5 5.3 63 63 22 22 82 35 45 9(40) 78 5 71 16
 69 0 77 24(108) 20 20 65 65 0 69 24 77(251)

 HA=114.5 HI= 29.5 GGW= 35.9 SL= 0.0 MAX(A,B,C,D)= 7.6 6.5 7.1 7.1

Main boom and fixed jib (jib angle 40.0 degrees)
 Length of main boom = 124.3 ft Length of jib = 29.5 ft
 Main boom sequence = 0-0-0-90-90-90 % LK = 45
 Counterweight = 35.9 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.			
		1(0)		2(...)		3(90)		6(...)					
		A	B	C	D	A	B	C	D				
45.9	20.3	55	55	37	37	60	49	42	34(20)	62	30	59	35
		61	30	60	35(93)	36	36	56	56	29	61	35	60(266)
52.5	19.6	59	59	34	34	68	45	45	27(32)	68	24	63	30
		64	21	66	34(103)	33	33	60	60	21	64	34	66(256)
59.1	19.0	62	62	30	30	76	41	47	21(38)	73	18	68	26
		67	14	72	32(108)	29	29	63	63	14	66	32	72(251)
65.6	17.6	64	64	27	27	80	40	47	16(38)	77	13	71	22
		71	9	75	28(106)	26	26	65	65	9	70	29	75(253)
72.2	14.8	63	63	26	26	79	39	46	15(38)	77	12	71	21
		70	8	75	27(106)	25	25	65	65	7	70	28	75(253)
78.7	12.3	63	63	26	26	79	38	46	14(39)	76	11	70	20
		69	7	75	27(107)	24	24	65	65	6	69	28	75(252)
85.3	10.4	63	63	25	25	79	37	45	13(39)	76	10	70	19
		69	6	75	26(107)	23	23	65	65	5	69	27	75(252)
91.9	8.8	63	63	24	24	80	37	45	12(39)	77	8	71	19
		69	4	75	26(107)	22	22	65	65	4	69	26	76(252)
98.4	7.3	63	63	24	24	80	36	45	11(39)	77	7	71	18
		69	3	75	25(107)	22	22	65	65	3	69	25	76(252)
105.0	6.0	63	63	23	23	80	35	45	11(40)	77	7	71	17
		69	2	76	25(108)	21	21	65	65	2	68	25	76(251)
111.5	4.9	63	63	22	22	81	35	45	10(40)	77	6	71	16
		69	1	76	24(108)	20	20	65	65	0	68	25	77(251)
118.1	3.7	63	63	22	22	81	34	45	9(40)	77	5	71	16
		69	0	77	24(108)	19	19	65	65	0	68	24	77(251)

 HA=124.3 HI= 29.5 GGW= 35.9 SL= 0.0 MAX(A,B,C,D)= 7.5 6.5 7.1 7.1

Main boom and fixed jib (jib angle 40.0 degrees)
 Length of main boom = 130.9 ft Length of jib = 29.5 ft
 Main boom sequence = 0-0-0-100-100-100 % LK = 46
 Counterweight = 35.9 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.			
		1(0)		2(...)		3(90)		6(...)					
		A	B	C	D	A	B	C	D				
45.9	20.1	55	55	38	38	60	49	42	34(19)	61	30	59	35
		61	30	59	35(92)	37	37	56	56	30	61	35	59(267)

52.5	19.6	59	59	34	34	68	45	45	27(32)	67	24	63	30
		64	21	66	34(103)	33	33	60	60	21	64	34	66(256)
59.1	19.0	62	62	30	30	76	41	47	21(38)	73	18	68	26
		67	14	72	32(108)	29	29	63	63	14	66	32	72(251)
65.6	17.6	64	64	27	27	80	40	47	17(38)	77	13	71	22
		71	9	75	28(106)	26	26	65	65	9	70	29	75(253)
72.2	14.8	63	63	26	26	79	39	46	15(38)	77	12	70	21
		70	8	75	27(106)	25	25	65	65	8	69	28	75(253)
78.7	12.3	63	63	26	26	79	39	45	15(38)	76	11	70	21
		69	7	75	27(106)	24	24	65	65	7	69	27	75(253)
85.3	10.4	63	63	25	25	79	37	45	14(39)	76	10	70	20
		69	6	75	26(107)	23	23	65	65	6	68	27	75(252)
91.9	8.8	63	63	24	24	80	37	45	12(39)	77	9	70	19
		69	4	75	26(107)	22	22	65	65	4	69	26	75(252)
98.4	7.3	63	63	24	24	80	36	45	12(39)	77	8	70	18
		69	3	75	25(107)	22	22	65	65	3	69	26	75(252)
105.0	6.2	63	63	23	23	81	35	45	10(40)	77	6	71	17
		69	2	76	25(108)	21	21	65	65	1	69	25	76(251)
111.5	5.1	63	63	22	22	81	35	45	9(40)	78	5	71	16
		69	0	77	24(108)	20	20	65	65	0	69	24	77(251)
118.1	4.0	63	63	22	22	81	34	45	9(40)	78	4	71	15
		69	0	77	23(108)	19	19	65	65	0	68	24	78(251)
124.7	2.9	63	63	21	21	81	34	44	9(40)	77	4	71	15
		68	0	77	23(108)	19	19	65	65	0	67	23	78(251)

 HA=130.9 HI= 29.5 GGW= 35.9 SL= 0.0 MAX(A,B,C,D)= 7.6 6.5 7.2 7.2

Main boom and fixed jib (jib angle 40.0 degrees)
 Length of main boom = 138.1 ft Length of jib = 29.5 ft
 Main boom sequence = 0-0-45-90-90-90 % LK = 54
 Counterweight = 35.9 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
	1(0)		2(...)		3(90)		6(...)						
	A	B	C	D	A	B	C	D	A	B	C	D	
45.9	20.3	56	56	37	37	61	49	43	33(22)	62	29	60	34
		62	28	60	35(94)	36	36	57	57	28	62	35	60(265)
52.5	19.6	59	59	33	33	69	45	45	26(33)	69	23	64	29
		65	20	67	33(104)	32	32	60	60	20	64	34	67(255)
59.1	19.2	63	63	29	29	77	42	46	20(36)	75	16	69	24
		67	12	73	31(109)	28	28	64	64	12	67	32	74(250)
65.6	17.2	64	64	27	27	80	40	46	16(38)	77	13	71	22
		71	9	75	28(106)	26	26	65	65	8	70	28	75(253)
72.2	14.3	64	64	26	26	80	39	46	15(39)	77	11	71	21
		70	7	75	28(107)	25	25	65	65	7	69	28	75(252)
78.7	11.9	63	63	26	26	80	38	46	14(39)	77	10	70	20
		69	6	75	27(107)	24	24	65	65	6	69	27	75(252)
85.3	9.9	63	63	25	25	80	37	45	13(39)	77	9	70	19
		69	5	75	26(107)	23	23	65	65	5	69	26	75(252)
91.9	8.2	63	63	24	24	80	37	45	12(39)	77	8	70	19
		69	4	75	26(107)	22	22	65	65	4	69	26	75(252)
98.4	6.8	63	63	23	23	80	35	45	11(40)	77	7	71	17
		69	2	76	25(108)	21	21	65	65	2	68	26	76(251)

105.0 5.5 63 63 23 23 81 35 45 10(40) 77 6 71 17
 69 1 76 24(108) 21 21 65 65 1 68 25 76(251)
 111.5 4.4 63 63 22 22 81 34 45 9(40) 78 5 71 16
 69 0 77 24(108) 20 20 65 65 0 69 24 77(251)
 118.1 3.1 62 62 22 22 80 34 45 9(40) 77 5 71 16
 68 0 76 24(108) 20 20 65 65 0 68 24 76(251)

 HA=138.1 HI= 29.5 GGW= 35.9 SL= 0.0 MAX(A,B,C,D)= 7.5 6.5 7.1 7.1

Main boom and fixed jib (jib angle 40.0 degrees)
 Length of main boom = 145.0 ft Length of jib = 29.5 ft
 Main boom sequence = 0-0-45-100-100-100 % LK = 55
 Counterweight = 35.9 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.			
		1(0)		2(...)		3(90)		6(...)					
		4(...)		5(180)		6(...)							
		A	B	C	D	A	B	C	D				
52.5	19.6	59	59	33	33	69	45	45	26(33)	68	23	64	30
		64	20	67	33(104)	32	32	60	60	20	64	34	67(255)
59.1	19.0	63	63	30	30	77	41	47	20(39)	74	17	69	25
		67	13	73	32(109)	28	28	64	64	13	67	32	73(250)
65.6	17.2	64	64	27	27	80	40	46	16(38)	77	13	71	22
		71	9	75	28(106)	26	26	65	65	9	70	28	75(253)
72.2	14.3	63	63	26	26	80	39	46	15(39)	77	11	71	21
		70	7	75	28(107)	25	25	65	65	7	69	28	75(252)
78.7	11.9	63	63	26	26	79	38	46	14(39)	76	11	70	20
		69	6	75	27(107)	24	24	65	65	6	69	27	75(252)
85.3	9.9	63	63	25	25	79	37	45	13(39)	76	9	70	19
		69	5	75	26(107)	23	23	65	65	5	69	27	75(252)
91.9	8.4	63	63	24	24	80	37	45	12(39)	77	8	71	18
		69	4	75	25(107)	22	22	65	65	3	69	26	76(252)
98.4	6.8	63	63	23	23	80	35	45	11(40)	77	7	71	18
		69	2	76	25(108)	21	21	65	65	2	68	26	76(251)
105.0	5.7	63	63	22	22	81	35	45	10(40)	78	6	71	16
		69	1	77	24(108)	20	20	65	65	1	69	25	77(251)
111.5	4.4	63	63	22	22	81	35	45	9(40)	77	5	71	16
		69	0	76	24(108)	20	20	65	65	0	68	24	77(251)
118.1	3.3	63	63	22	22	81	34	45	9(40)	77	5	71	16
		69	0	77	23(108)	19	19	65	65	0	68	24	77(251)
124.7	2.2	62	62	22	22	80	34	44	9(40)	77	4	71	15
		68	0	76	23(108)	19	19	65	65	0	67	23	77(251)

 HA=145.0 HI= 29.5 GGW= 35.9 SL= 0.0 MAX(A,B,C,D)= 7.5 6.5 7.1 7.1

Main boom and fixed jib (jib angle 40.0 degrees)
 Length of main boom = 152.2 ft Length of jib = 29.5 ft
 Main boom sequence = 0-0-90-90-90-90 % LK = 62
 Counterweight = 35.9 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.	
		1(0)		2(...)		3(90)		6(...)			
		4(...)		5(180)		6(...)					
		A	B	C	D	A	B	C	D		

52.5	19.8	60	60	33	33	71	44	45	25(34)	70	22	65	29
		65	19	68	33(105)	32	32	61	61	19	65	33	68(254)
59.1	19.2	63	63	29	29	78	42	46	19(37)	76	15	70	24
		68	11	75	31(110)	28	28	65	65	11	67	32	75(249)
65.6	16.8	64	64	27	27	80	40	46	16(38)	77	12	71	21
		71	8	75	28(106)	26	26	65	65	8	70	28	76(253)
72.2	13.9	64	64	26	26	80	39	46	15(39)	77	11	71	21
		70	7	75	27(107)	24	24	65	65	7	69	28	76(252)
78.7	11.5	63	63	25	25	80	38	46	14(39)	77	10	71	20
		69	6	75	27(107)	24	24	65	65	6	69	27	75(252)
85.3	9.5	63	63	24	24	80	37	45	13(39)	77	9	71	19
		69	4	75	26(107)	23	23	65	65	4	69	26	75(252)
91.9	7.9	63	63	24	24	81	36	45	11(40)	77	7	71	18
		69	3	76	25(108)	22	22	65	65	3	69	26	76(251)
98.4	6.4	63	63	23	23	81	35	45	11(40)	77	7	71	17
		69	2	76	25(108)	21	21	65	65	2	68	25	76(251)
105.0	5.1	63	63	22	22	81	35	45	10(40)	77	6	71	16
		69	1	76	24(108)	20	20	65	65	1	68	25	77(251)
111.5	3.7	62	62	22	22	80	34	45	9(40)	77	5	71	16
		69	0	76	24(108)	20	20	65	65	0	68	24	76(251)
118.1	2.6	62	62	22	22	80	34	44	9(40)	77	5	71	16
		68	0	76	23(108)	19	19	65	65	0	68	24	77(251)

HA=152.2 HI= 29.5 GGW= 35.9 SL= 0.0 MAX(A,B,C,D)= 7.5 6.5 7.1 7.1

Main boom and fixed jib (jib angle 40.0 degrees)

Length of main boom = 161.4 ft Length of jib = 29.5 ft

Main boom sequence = 0-0-100-100-100-100 % LK = 63

Counterweight = 35.9 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
	1(0)		2(...)		3(90)		6(...)						
	A	B	C	D	A	B	C	D					
59.1	19.2	63	63	29	29	78	42	46	19(37)	76	15	70	24
		68	11	75	31(110)	28	28	65	65	11	67	32	75(249)
65.6	16.5	64	64	27	27	80	40	46	16(38)	77	13	71	22
		70	9	75	28(106)	26	26	65	65	9	70	28	75(253)
72.2	13.9	64	64	26	26	80	39	46	15(39)	77	11	71	21
		70	7	75	27(107)	24	24	65	65	7	69	28	76(252)
78.7	11.5	63	63	25	25	80	38	46	14(39)	77	10	71	20
		69	6	75	27(107)	24	24	65	65	6	69	27	75(252)
85.3	9.5	63	63	24	24	80	37	45	13(39)	77	9	71	19
		69	4	75	26(107)	23	23	65	65	4	69	26	75(252)
91.9	7.7	63	63	24	24	80	37	45	12(39)	77	8	70	18
		69	4	75	25(107)	22	22	65	65	3	69	26	75(252)
98.4	6.2	62	62	23	23	80	35	45	11(40)	77	7	70	18
		68	3	75	25(108)	21	21	65	65	2	68	26	76(251)
105.0	4.9	62	62	23	23	80	35	45	11(40)	77	6	70	17
		68	2	75	25(108)	21	21	65	65	2	68	25	76(251)
111.5	3.7	62	62	22	22	80	34	45	10(40)	77	5	71	16
		69	1	76	24(108)	20	20	65	65	0	68	24	76(251)
118.1	2.6	62	62	22	22	80	34	44	9(40)	77	5	71	16
		68	0	76	24(108)	19	19	65	65	0	68	24	76(251)

 HA=161.4 HI= 29.5 GGW= 35.9 SL= 0.0 MAX(A,B,C,D)= 7.5 6.5 7.1 7.1

Main boom and fixed jib (jib angle 40.0 degrees)
 Length of main boom = 166.0 ft Length of jib = 29.5 ft
 Main boom sequence = 0-45-90-90-90-90 % LK = 68
 Counterweight = 35.9 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]								(Pos.[Degrees])				0-360 Degr.
		1(0)		2(...)				3(90)		6(...)				
		A	B	C	D	A	B	C	D	A	B	C	D	
59.1	18.5	63	63	29	29	78	41	46	18(37)	76	15	70	24	
		68	11	75	31(110)	27	27	65	65	11	67	32	75(249)	
65.6	15.4	63	63	27	27	78	40	46	17(38)	76	13	70	22	
		69	9	74	28(106)	26	26	65	65	9	69	28	74(253)	
72.2	12.6	63	63	26	26	78	39	45	15(38)	75	12	69	21	
		69	8	74	27(106)	25	25	64	64	8	69	28	74(253)	
78.7	10.4	62	62	25	25	79	37	45	14(39)	76	10	70	20	
		69	6	74	27(107)	24	24	64	64	6	68	27	75(252)	
85.3	8.4	62	62	25	25	79	37	45	13(39)	76	9	70	19	
		68	5	74	26(107)	23	23	64	64	5	68	26	75(252)	
91.9	6.6	62	62	24	24	78	36	45	13(39)	75	8	70	19	
		68	4	74	25(107)	22	22	64	64	4	68	26	75(252)	
98.4	5.3	62	62	23	23	79	36	44	11(39)	76	7	70	17	
		69	3	75	25(107)	21	21	64	64	2	68	25	75(252)	
105.0	4.0	62	62	23	23	80	35	45	10(40)	76	6	70	17	
		68	2	75	24(108)	20	20	64	64	1	67	25	75(251)	
111.5	2.6	62	62	22	22	79	34	44	10(40)	76	6	70	17	
		68	1	75	24(108)	20	20	64	64	1	67	25	75(251)	

 HA=166.0 HI= 29.5 GGW= 35.9 SL= 0.0 MAX(A,B,C,D)= 7.4 6.4 7.0 7.0

Main boom and fixed jib (jib angle 40.0 degrees)
 Length of main boom = 175.5 ft Length of jib = 29.5 ft
 Main boom sequence = 0-45-100-100-100-100 % LK = 69
 Counterweight = 35.9 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]								(Pos.[Degrees])				0-360 Degr.
		1(0)		2(...)				3(90)		6(...)				
		A	B	C	D	A	B	C	D	A	B	C	D	
59.1	18.1	63	63	29	29	77	41	46	19(37)	75	16	69	24	
		67	11	74	31(110)	28	28	64	64	11	67	32	74(249)	
65.6	15.0	63	63	28	28	77	41	45	17(37)	75	14	69	23	
		67	9	74	30(110)	26	26	64	64	9	66	31	74(249)	
72.2	12.3	62	62	27	27	78	39	45	16(38)	75	12	69	21	
		69	8	73	28(106)	25	25	64	64	8	68	28	73(253)	
78.7	10.1	62	62	26	26	78	38	45	15(38)	75	11	69	21	
		69	7	73	27(106)	24	24	64	64	7	68	27	74(253)	
85.3	8.2	62	62	25	25	78	38	44	14(38)	75	10	69	20	
		68	6	73	26(106)	23	23	64	64	6	68	26	74(253)	
91.9	6.4	62	62	24	24	78	36	45	13(39)	75	9	69	19	
		67	5	74	26(107)	22	22	63	63	5	67	26	74(252)	

98.4 5.1 62 62 24 24 78 36 44 12(39) 75 8 69 18
 68 3 74 25(107) 21 21 64 64 3 67 25 74(252)
 105.0 3.7 62 62 23 23 78 35 44 11(39) 75 7 69 17
 68 3 74 24(107) 21 21 64 64 2 67 25 75(252)
 111.5 2.6 62 62 22 22 79 34 44 10(40) 76 6 70 17
 67 1 75 24(108) 20 20 64 64 1 67 25 75(251)

 HA=175.5 HI= 29.5 GGW= 35.9 SL= 0.0 MAX(A,B,C,D)= 7.4 6.3 6.9 7.0

Main boom and fixed jib (jib angle 40.0 degrees)
 Length of main boom = 180.1 ft Length of jib = 29.5 ft
 Main boom sequence = 0-90-90-90-90-90 % LK = 73
 Counterweight = 35.9 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]								(Pos.[Degrees])				0-360 Degr.
		1(0)				2(...)				3(90)				
		4(...)				5(180)				6(...)				
A	B	C	D	A	B	C	D	A	B	C	D			
59.1	17.0	62	62	29	29	76	42	45	20(36)	74	16	68	24	
		67	12	73	31(109)	28	28	63	63	12	66	32	73(250)	
65.6	13.9	62	62	28	28	76	40	45	18(37)	74	14	68	23	
		66	10	73	30(110)	26	26	63	63	10	65	31	73(249)	
72.2	11.2	62	62	27	27	76	39	45	17(37)	74	13	68	22	
		68	9	72	27(105)	25	25	63	63	9	68	28	72(254)	
78.7	9.0	61	61	26	26	77	38	45	15(38)	74	11	68	21	
		67	7	73	27(106)	24	24	63	63	7	67	27	73(253)	
85.3	7.1	61	61	25	25	76	37	44	15(38)	74	11	68	20	
		67	7	73	26(106)	23	23	63	63	6	67	27	73(253)	
91.9	5.5	61	61	24	24	77	37	44	13(38)	74	9	69	19	
		67	5	73	25(106)	22	22	63	63	5	67	26	73(253)	
98.4	4.0	61	61	24	24	77	36	44	13(39)	74	8	68	19	
		67	4	73	25(107)	22	22	63	63	4	66	26	73(252)	
105.0	2.6	61	61	23	23	77	35	44	12(39)	74	8	68	18	
		67	3	73	25(107)	21	21	63	63	3	66	25	73(252)	

 HA=180.1 HI= 29.5 GGW= 35.9 SL= 0.0 MAX(A,B,C,D)= 7.1 6.3 6.8 6.8

Main boom and fixed jib (jib angle 40.0 degrees)
 Length of main boom = 191.9 ft Length of jib = 29.5 ft
 Main boom sequence = 0-100-100-100-100-100 % LK = 74
 Counterweight = 35.9 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]								(Pos.[Degrees])				0-360 Degr.
		1(0)				2(...)				3(90)				
		4(...)				5(180)				6(...)				
A	B	C	D	A	B	C	D	A	B	C	D			
65.6	13.2	61	61	28	28	75	41	45	19(36)	73	15	67	24	
		65	11	72	30(109)	27	27	62	62	11	65	31	72(250)	
72.2	10.8	61	61	27	27	75	39	45	17(37)	73	13	67	22	
		67	10	71	28(105)	26	26	63	63	10	67	28	72(254)	
78.7	8.6	61	61	26	26	75	39	44	16(37)	73	12	68	21	
		67	9	71	27(105)	24	24	63	63	8	67	27	72(254)	
85.3	6.8	61	61	26	26	76	37	44	15(38)	73	11	68	20	
		67	7	72	26(106)	24	24	63	63	7	67	27	72(253)	

91.9 5.1 60 60 25 25 76 37 44 14(38) 73 10 68 20
 67 6 72 26(106) 23 23 62 62 6 66 26 72(253)
 98.4 3.7 60 60 24 24 76 36 43 13(38) 73 9 68 19
 67 5 72 25(106) 22 22 63 63 5 66 26 73(253)
 105.0 2.4 60 60 24 24 77 35 44 12(39) 73 8 68 18
 66 4 73 25(107) 21 21 63 63 4 66 26 73(252)

 HA=191.9 HI= 29.5 GGW= 35.9 SL= 0.0 MAX(A,B,C,D)= 7.1 6.2 6.7 6.8

Main boom and fixed jib (jib angle 40.0 degrees)
 Length of main boom = 193.9 ft Length of jib = 29.5 ft
 Main boom sequence = 45-90-90-90-90-90 % LK = 76
 Counterweight = 35.9 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]								(Pos.[Degrees])				0-360 Degr.											
		1(0)		2(...)				3(90)		6(...)															
		A	B	C	D	A	B	C	D	A	B	C	D												
65.6	12.1	60	60	28	28	74	41	44	19(36)	72	15	67	24	65	11	71	30(109)	27	27	62	62	11	64	31	71(250)
72.2	9.5	60	60	28	28	74	40	44	18(36)	72	14	67	23	64	10	71	30(109)	26	26	62	62	10	64	30	71(250)
78.7	7.5	60	60	26	26	75	38	44	16(37)	72	12	67	21	67	9	71	27(105)	24	24	62	62	9	66	27	71(254)
85.3	5.5	60	60	26	26	74	38	43	16(37)	72	11	67	21	66	8	71	26(105)	24	24	62	62	7	66	27	71(254)
91.9	4.0	60	60	25	25	75	37	43	14(38)	72	10	67	20	66	6	71	26(106)	23	23	62	62	6	65	26	72(253)
98.4	2.4	60	60	24	24	75	36	43	14(38)	72	9	67	19	66	6	71	25(106)	22	22	62	62	6	65	26	71(253)

 HA=193.9 HI= 29.5 GGW= 35.9 SL= 0.0 MAX(A,B,C,D)= 7.0 6.1 6.6 6.7

Main boom and fixed jib (jib angle 40.0 degrees)
 Length of main boom = 205.7 ft Length of jib = 29.5 ft
 Main boom sequence = 45-100-100-100-100-100 % LK = 77
 Counterweight = 35.9 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]								(Pos.[Degrees])				0-360 Degr.											
		1(0)		2(...)				3(90)		6(...)															
		A	B	C	D	A	B	C	D	A	B	C	D												
72.2	9.3	60	60	28	28	73	40	44	18(36)	71	14	66	23	64	11	71	30(109)	26	26	62	62	10	64	30	71(250)
78.7	7.1	59	59	27	27	73	39	43	17(36)	71	13	66	22	66	10	70	27(104)	25	25	61	61	10	66	27	70(255)
85.3	5.3	59	59	26	26	74	38	43	16(37)	71	12	66	21	66	8	70	26(105)	24	24	62	62	8	65	27	71(254)
91.9	3.7	59	59	25	25	74	37	43	15(37)	72	11	67	20	66	7	71	26(105)	23	23	62	62	7	65	26	71(254)
98.4	2.2	59	59	25	25	74	37	43	15(37)	71	10	67	20	66	6	70	25(105)	22	22	61	61	6	65	26	71(254)

 HA=205.7 HI= 29.5 GGW= 35.9 SL= 0.0 MAX(A,B,C,D)= 6.9 6.1 6.6 6.6

HA=205.7 HI= 29.5 GGW= 35.9 SL= 0.0 MAX(A,B,C,D)= 0.0 0.0 0.0 0.0

HA=205.7 HI= 29.5 GGW= 35.9 SL= 0.0 MAX(A,B,C,D)= 0.0 0.0 0.0 0.0

Programm L A M O S 9 9 Version 1.08 vom 29.09.02

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Eingabedatei: ilam.dat

Festdatei : /berechnung/tabellen/zentraledaten/lamosfd-ac/200-1.99dat

Tabellendat.: /berechnung/tabellen/ac/ac200-1/serie_3/pc_tab/22137012_tab.txt

H

DEMAG Mobile Cranes

O U T R I G G E R - L O A D I N G S

(Variance = +-10%)

PSI= 1.00

Crane : *** AC 200-1 *** mit HKHI fuer GA und MS

Outrigger width = 18.7 ft Outrigger length = 27.7 ft
Outrigger "A" X = 12.0 ft Outrigger "A" Y = 9.4 ft
Outrigger "B" X = 12.0 ft Outrigger "B" Y = -9.4 ft
Outrigger "C" X = -15.7 ft Outrigger "C" Y = 9.4 ft
Outrigger "D" X = -15.7 ft Outrigger "D" Y = -9.4 ft

Main boom and fixed jib (jib angle 0.0 degrees)

Length of main boom = 40.7 ft Length of jib = 29.5 ft

Main boom sequence = 0-0-0-0-0-0 % LK = 1

Counterweight = 32.6 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
	1(0)		2(...)		3(90)		6(...)						
	A	B	C	D	A	B	C	D					
9.8	39.7	45	45	55	55	41	55	48	58(59)	42	58	44	57
		47	60	43	52(128)	55	55	46	46	60	47	52	43(232)
11.5	39.7	47	47	54	54	44	53	49	56(59)	45	56	46	54
		48	56	45	52(128)	54	54	47	47	56	48	52	45(232)
13.1	39.7	49	49	52	52	47	52	50	53(59)	48	53	49	52
		49	53	48	51(128)	52	52	49	49	53	49	51	48(232)
14.8	39.7	50	50	50	50	50	50	50	50(59)	50	50	50	50
		50	50	50	50(127)	50	50	50	50	50	50	50	50(232)
16.4	39.7	52	52	49	49	54	49	51	48(59)	53	47	53	48
		52	47	53	50(128)	49	49	52	52	47	52	50	53(232)
19.7	39.7	55	55	45	45	60	46	53	42(59)	59	42	57	44
		54	41	59	49(128)	45	45	55	55	41	54	49	59(232)
23.0	39.7	59	59	42	42	62	55	45	40(14)	64	36	61	40
		64	36	61	40(90)	42	42	59	59	36	64	40	61(270)
26.2	38.6	61	61	39	39	68	51	47	34(27)	69	31	64	36
		67	30	66	38(98)	39	39	61	61	30	67	38	66(261)
29.5	35.3	62	62	37	37	71	49	47	30(31)	70	28	65	34
		67	26	68	36(102)	37	37	62	62	26	67	37	68(257)
32.8	31.7	62	62	35	35	72	47	47	28(33)	71	25	66	32
		67	23	69	35(104)	35	35	62	62	23	66	35	69(255)

39.4	27.1	63	63	32	32	75	43	47	23(37)	73	20	68	27
		67	17	72	33(108)	31	31	63	63	17	67	34	72(251)
45.9	23.4	63	63	29	29	78	42	46	19(37)	76	16	70	24
		68	11	75	32(110)	28	28	65	65	11	67	32	75(249)
52.5	20.7	65	65	26	26	82	39	47	15(39)	78	11	72	21
		71	7	77	28(107)	25	25	66	66	7	71	28	77(252)
59.1	17.0	64	64	25	25	81	38	46	13(39)	78	9	72	19
		71	5	77	26(107)	23	23	66	66	5	70	27	77(252)

 HA= 40.7 HI= 29.5 GGW= 32.6 SL= 0.0 MAX(A,B,C,D)= 7.6 6.6 7.1 7.1

Main boom and fixed jib (jib angle 0.0 degrees)
 Length of main boom = 54.5 ft Length of jib = 29.5 ft
 Main boom sequence = 0-0-0-0-0-45 % LK = 7
 Counterweight = 32.6 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
	1(0)		2(...)		3(90)		4(...)						
	A	B	C	D	A	B	C	D					
9.8	39.7	45	45	56	56	40	55	47	59(59)	42	59	44	57
		47	60	42	52(128)	56	56	45	45	60	47	52	42(232)
11.5	39.7	47	47	54	54	43	54	48	56(59)	44	56	46	55
		48	57	45	52(128)	54	54	47	47	57	48	52	45(232)
13.1	39.7	49	49	52	52	47	52	49	54(59)	47	54	48	53
		49	54	47	51(128)	52	52	49	49	54	49	51	47(232)
14.8	39.7	50	50	51	51	50	51	50	51(59)	50	51	50	51
		50	51	50	50(127)	51	51	50	50	51	50	50	50(232)
16.4	39.7	52	52	49	49	53	49	51	48(59)	52	48	52	49
		51	48	52	50(128)	49	49	52	52	48	51	50	52(232)
19.7	39.7	55	55	46	46	59	46	53	43(59)	58	43	56	45
		54	42	58	49(128)	46	46	55	55	42	54	49	58(232)
23.0	39.7	58	58	43	43	60	56	44	41(9)	63	37	60	41
		63	37	60	41(90)	43	43	58	58	37	63	41	60(270)
26.2	39.7	61	61	39	39	68	52	47	34(26)	69	32	64	36
		67	31	66	38(98)	39	39	61	61	30	67	38	66(261)
29.5	39.7	64	64	36	36	75	49	49	29(34)	74	27	69	32
		70	24	72	37(105)	36	36	65	65	24	69	37	72(254)
32.8	37.3	65	65	34	34	78	46	49	25(37)	77	23	70	30
		70	19	74	35(108)	34	34	66	66	19	70	36	74(251)
39.4	32.2	67	67	30	30	82	42	50	19(40)	79	17	73	25
		71	13	77	33(111)	30	30	67	67	13	70	34	78(248)
45.9	27.6	67	67	28	28	84	41	48	16(39)	81	13	74	22
		73	9	78	29(107)	27	27	68	68	8	73	30	78(252)
52.5	21.8	65	65	27	27	81	40	47	15(39)	78	12	72	21
		71	8	77	28(107)	26	26	66	66	8	71	29	77(252)
59.1	17.9	64	64	26	26	80	39	46	14(39)	77	11	71	20
		70	6	76	27(107)	24	24	65	65	6	70	28	76(252)
65.6	14.8	63	63	25	25	80	38	46	13(39)	77	9	71	19
		70	5	75	26(107)	23	23	65	65	5	69	27	76(252)
72.2	12.3	63	63	24	24	80	37	45	12(39)	77	8	71	18
		69	4	75	25(107)	22	22	65	65	4	69	26	76(252)

 HA= 54.5 HI= 29.5 GGW= 32.6 SL= 0.0 MAX(A,B,C,D)= 7.8 6.8 7.3 7.3

 Main boom and fixed jib (jib angle 0.0 degrees)
 Length of main boom = 68.6 ft Length of jib = 29.5 ft
 Main boom sequence = 0-0-0-0-0-90 % LK = 13
 Counterweight = 32.6 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
		1(0)				2(...)					3(90)			
		4(...)				5(180)					6(...)			
A	B	C	D	A	B	C	D	A	B	C	D			
13.1	39.7	48	48	53	53	46	52	49	54(59)	47	54	48	53	
		49	55	47	51(128)	52	52	48	48	55	49	51	47(232)	
14.8	39.7	50	50	51	51	49	51	50	51(59)	49	51	50	51	
		50	52	49	51(127)	51	51	50	50	52	50	51	49(232)	
16.4	39.7	51	51	49	49	52	49	51	49(59)	52	49	52	49	
		51	49	52	50(127)	49	49	51	51	49	51	50	52(232)	
19.7	39.7	54	54	46	46	58	47	53	44(59)	57	43	56	45	
		53	42	57	49(128)	46	46	55	55	42	53	49	57(232)	
23.0	39.7	58	58	43	43	59	57	44	42(5)	63	38	60	41	
		63	38	60	41(90)	43	43	58	58	38	63	41	60(270)	
26.2	38.4	60	60	40	40	65	53	46	36(22)	67	34	63	37	
		66	33	63	38(94)	40	40	60	60	33	66	38	63(265)	
29.5	35.7	61	61	38	38	69	50	46	32(28)	69	30	64	35	
		66	28	66	37(100)	38	38	61	61	28	66	37	66(259)	
32.8	33.1	61	61	36	36	71	48	47	29(32)	70	27	65	32	
		67	24	68	36(103)	35	35	62	62	24	66	36	68(256)	
39.4	29.1	63	63	32	32	76	44	48	24(37)	74	21	68	28	
		68	18	72	34(107)	32	32	64	64	18	67	34	72(252)	
45.9	25.6	64	64	30	30	78	43	47	19(37)	76	17	70	25	
		68	12	75	32(110)	29	29	65	65	12	68	32	75(249)	
52.5	22.3	65	65	27	27	80	41	47	16(38)	78	13	71	22	
		71	9	76	28(106)	26	26	66	66	9	71	29	76(253)	
59.1	18.5	64	64	26	26	80	39	46	15(39)	77	11	71	21	
		70	7	76	28(107)	25	25	65	65	7	70	28	76(252)	
65.6	15.4	63	63	25	25	80	38	46	14(39)	77	10	71	20	
		69	6	75	27(107)	24	24	65	65	6	69	27	75(252)	
72.2	12.8	62	62	25	25	79	37	45	13(39)	76	9	70	19	
		69	5	75	26(107)	23	23	64	64	5	68	27	75(252)	
78.7	10.8	62	62	24	24	79	36	45	12(39)	76	8	70	19	
		69	4	75	25(107)	22	22	64	64	4	68	26	75(252)	
85.3	9.3	62	62	23	23	80	35	45	11(40)	76	7	70	17	
		68	2	75	25(108)	21	21	64	64	2	68	26	75(251)	

 HA= 68.6 HI= 29.5 GGW= 32.6 SL= 0.0 MAX(A,B,C,D)= 7.5 6.6 7.0 7.0

Main boom and fixed jib (jib angle 0.0 degrees)
 Length of main boom = 70.2 ft Length of jib = 29.5 ft
 Main boom sequence = 0-0-0-0-0-100 % LK = 14
 Counterweight = 32.6 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
		1(0)				2(...)					3(90)			
		4(...)				5(180)					6(...)			
A	B	C	D	A	B	C	D	A	B	C	D			

13.1	39.7	48	48	53	53	46	52	49	54(59)	47	54	48	53
		49	55	47	51(128)	52	52	48	48	55	49	51	47(232)
14.8	39.7	50	50	51	51	49	51	50	51(59)	49	51	50	51
		50	52	49	51(127)	51	51	50	50	52	50	51	49(232)
16.4	39.7	51	51	49	49	52	49	51	49(59)	52	49	52	49
		51	49	52	50(127)	49	49	51	51	49	51	50	52(232)
19.7	39.7	54	54	46	46	58	47	53	44(59)	57	43	56	45
		53	42	57	49(128)	46	46	54	54	42	53	49	57(232)
23.0	38.1	56	56	43	43	63	44	54	39(59)	61	39	59	42
		61	39	59	42(90)	43	43	57	57	39	61	42	59(270)
26.2	35.3	58	58	41	41	61	54	44	39(14)	63	35	60	39
		63	35	60	39(90)	41	41	58	58	35	63	39	60(270)
29.5	32.4	58	58	39	39	63	52	44	35(21)	65	32	61	36
		64	31	62	37(94)	39	39	59	59	31	64	37	62(265)
32.8	29.8	58	58	37	37	65	49	45	32(26)	66	29	62	34
		64	28	63	36(98)	37	37	59	59	28	64	36	64(261)
39.4	25.8	60	60	34	34	69	46	45	27(32)	69	24	64	30
		65	22	67	34(103)	33	33	61	61	22	65	34	67(256)
45.9	22.7	61	61	32	32	73	43	46	23(36)	71	20	66	27
		66	17	70	32(107)	30	30	62	62	16	65	33	70(252)
52.5	19.6	61	61	29	29	75	41	46	20(38)	73	17	67	25
		66	13	72	31(109)	28	28	63	63	13	65	32	72(250)
59.1	17.9	63	63	27	27	78	39	46	16(38)	76	13	70	22
		69	9	74	28(106)	25	25	64	64	9	69	28	74(253)
65.6	15.4	63	63	26	26	79	38	46	14(39)	77	10	70	20
		69	6	75	27(107)	24	24	65	65	6	69	27	75(252)
72.2	12.8	62	62	25	25	79	37	45	13(39)	76	10	70	19
		69	5	74	26(107)	23	23	64	64	5	68	27	75(252)
78.7	10.8	62	62	24	24	79	37	45	13(39)	76	9	70	19
		68	4	75	26(107)	22	22	64	64	4	68	26	75(252)
85.3	9.3	62	62	23	23	79	36	44	11(39)	76	7	70	18
		69	3	75	25(107)	21	21	64	64	3	68	25	75(252)

 HA= 70.2 HI= 29.5 GGW= 32.6 SL= 0.0 MAX(A,B,C,D)= 7.4 6.4 7.0 7.0

Main boom and fixed jib (jib angle 0.0 degrees)

Length of main boom = 82.3 ft Length of jib = 29.5 ft

Main boom sequence = 0-0-0-0-45-90 % LK = 20

Counterweight = 32.6 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
	1(0)		2(...)		3(90)								
	4(...)		5(180)		6(...)								
A	B	C	D	A	B	C	D	A	B	C	D		
16.4	39.7	51	51	49	49	52	49	51	49(59)	52	49	52	49
		51	49	52	50(127)	49	49	51	51	49	51	50	52(232)
19.7	39.7	54	54	46	46	58	47	53	44(59)	57	43	56	45
		53	42	57	49(128)	46	46	54	54	42	53	49	57(232)
23.0	39.7	58	58	43	43	59	57	44	42(5)	63	38	60	41
		63	38	60	41(90)	43	43	58	58	38	63	41	60(270)
26.2	39.7	61	61	40	40	67	53	46	35(24)	68	33	64	37
		67	32	65	38(96)	40	40	61	61	32	67	38	65(263)
29.5	38.6	63	63	37	37	73	50	48	30(32)	72	28	67	34
		68	26	69	37(103)	37	37	63	63	26	68	37	69(256)

32.8	36.2	64	64	35	35	76	47	49	27(35)	74	25	69	31
		69	22	72	36(106)	35	35	64	64	21	69	36	72(253)
39.4	31.3	65	65	32	32	79	43	49	22(39)	77	19	71	27
		70	15	75	34(109)	31	31	66	66	15	69	34	75(250)
45.9	28.0	67	67	28	28	83	41	49	17(39)	80	14	73	23
		73	9	78	30(107)	27	27	68	68	9	73	30	78(252)
52.5	22.7	65	65	27	27	82	40	47	16(39)	78	13	72	22
		71	8	77	28(107)	26	26	66	66	8	71	29	77(252)
59.1	18.5	64	64	26	26	80	39	47	15(39)	77	12	71	21
		70	7	75	28(107)	25	25	65	65	7	69	28	76(252)
65.6	15.4	63	63	26	26	80	38	46	14(39)	77	10	70	20
		69	6	75	27(107)	24	24	65	65	6	69	27	75(252)
72.2	12.8	62	62	25	25	79	37	45	13(39)	76	10	70	19
		69	5	74	26(107)	23	23	64	64	5	68	27	75(252)
78.7	10.8	62	62	24	24	79	37	45	13(39)	76	9	70	19
		68	4	75	26(107)	22	22	64	64	4	68	26	75(252)
85.3	9.0	62	62	24	24	78	36	44	12(39)	75	8	69	18
		68	3	74	25(107)	22	22	64	64	3	68	26	75(252)
91.9	7.7	62	62	23	23	79	35	45	11(40)	76	7	70	17
		68	2	75	25(108)	21	21	64	64	2	67	25	75(251)
98.4	6.6	62	62	22	22	80	34	45	10(40)	77	5	70	16
		68	0	76	24(108)	20	20	64	64	0	68	24	76(251)

HA= 82.3 HI= 29.5 GGW= 32.6 SL= 0.0 MAX(A,B,C,D)= 7.7 6.7 7.2 7.3

Main boom and fixed jib (jib angle 0.0 degrees)

Length of main boom = 84.0 ft Length of jib = 29.5 ft

Main boom sequence = 0-0-0-0-45-100 % LK = 21

Counterweight = 32.6 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.			
		1(0)		2(...)		3(90)		6(...)					
		4(...)		5(180)		6(...)							
		A	B	C	D	A	B	C	D				
16.4	39.7	51	51	50	50	52	50	51	49(59)	52	49	52	49
		51	49	52	50(127)	49	49	51	51	49	51	50	52(232)
19.7	39.7	54	54	46	46	58	47	53	44(59)	57	43	56	45
		53	42	57	49(128)	46	46	54	54	42	53	49	57(232)
23.0	39.7	58	58	43	43	58	57	44	43(4)	63	38	60	41
		63	38	60	41(90)	43	43	58	58	38	63	41	60(270)
26.2	36.8	59	59	41	41	63	53	45	38(18)	65	34	61	38
		65	34	62	38(91)	41	41	59	59	34	64	39	62(268)
29.5	34.4	60	60	39	39	66	51	45	34(25)	67	31	63	35
		65	30	64	37(97)	38	38	60	60	30	65	37	64(262)
32.8	32.2	60	60	37	37	69	49	46	30(30)	69	28	65	33
		66	26	67	36(101)	36	36	61	61	26	66	36	67(258)
39.4	27.8	62	62	33	33	73	45	47	25(35)	71	22	67	29
		67	19	70	34(106)	32	32	62	62	19	66	34	70(253)
45.9	24.7	63	63	30	30	77	42	47	21(38)	75	18	69	26
		67	14	73	32(109)	29	29	64	64	14	67	33	73(250)
52.5	22.3	65	65	28	28	80	41	47	17(38)	78	13	71	22
		71	9	75	28(106)	26	26	66	66	9	71	29	76(253)
59.1	18.7	64	64	26	26	80	39	47	15(39)	77	11	71	21
		70	7	76	28(107)	25	25	65	65	7	70	28	76(252)

65.6	15.4	63	63	26	26	79	38	46	14(39)	76	11	70	20
		69	6	75	27(107)	24	24	65	65	6	69	27	75(252)
72.2	13.0	63	63	25	25	79	37	45	13(39)	76	9	70	19
		69	5	75	26(107)	23	23	64	64	5	68	27	75(252)
78.7	10.8	62	62	24	24	78	37	45	13(39)	75	9	69	19
		68	4	74	26(107)	22	22	64	64	4	68	26	75(252)
85.3	9.3	62	62	24	24	79	36	44	12(39)	76	7	70	18
		68	3	75	25(107)	21	21	64	64	3	68	25	75(252)
91.9	7.7	62	62	23	23	79	35	44	11(39)	76	7	70	17
		68	2	75	24(107)	21	21	64	64	2	68	25	75(252)
98.4	6.6	62	62	22	22	80	34	45	10(40)	76	6	70	16
		68	1	75	24(108)	20	20	64	64	1	67	25	76(251)

HA= 84.0 HI= 29.5 GGW= 32.6 SL= 0.0 MAX(A,B,C,D)= 7.5 6.6 7.0 7.0

Main boom and fixed jib (jib angle 0.0 degrees)

Length of main boom = 96.5 ft Length of jib = 29.5 ft

Main boom sequence = 0-0-0-0-90-90 % LK = 28

Counterweight = 32.6 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.			
		1(0)		2(...)		3(90)		6(...)					
		A	B	C	D	A	B	C	D				
19.7	39.7	54	54	46	46	58	47	53	44(59)	57	43	56	45
		53	42	57	49(128)	46	46	54	54	42	53	49	57(232)
23.0	39.7	58	58	43	43	59	57	44	42(5)	63	38	60	41
		63	38	60	41(90)	43	43	58	58	38	63	41	60(270)
26.2	39.7	61	61	40	40	67	53	46	35(24)	68	33	64	37
		67	32	65	38(96)	40	40	61	61	32	67	38	65(263)
29.5	39.0	63	63	37	37	73	50	48	30(32)	73	28	67	33
		69	26	70	37(103)	37	37	63	63	25	69	37	70(256)
32.8	36.6	64	64	35	35	76	47	49	26(36)	75	24	69	31
		69	21	72	35(106)	35	35	65	65	21	69	36	72(253)
39.4	32.6	66	66	31	31	82	43	50	20(40)	79	18	72	26
		71	14	77	33(110)	30	30	67	67	14	70	34	77(249)
45.9	28.4	67	67	28	28	84	41	49	16(39)	81	13	74	22
		74	9	78	29(107)	27	27	68	68	9	73	30	79(252)
52.5	22.7	65	65	27	27	82	40	47	16(39)	78	13	72	22
		71	8	77	28(107)	26	26	66	66	8	71	29	77(252)
59.1	18.5	64	64	26	26	80	39	47	15(39)	77	12	71	21
		70	7	75	28(107)	25	25	65	65	7	69	28	76(252)
65.6	15.4	63	63	26	26	79	38	46	14(39)	77	11	70	20
		69	6	75	27(107)	24	24	65	65	6	69	27	75(252)
72.2	12.8	62	62	25	25	79	37	45	14(39)	76	10	70	20
		69	6	74	26(107)	23	23	64	64	5	68	27	75(252)
78.7	10.8	62	62	24	24	79	37	45	13(39)	76	9	70	19
		68	4	74	26(107)	22	22	64	64	4	68	26	75(252)
85.3	9.0	62	62	24	24	78	36	44	12(39)	75	8	69	18
		68	4	74	25(107)	22	22	64	64	3	67	26	75(252)
91.9	7.7	62	62	23	23	79	35	44	11(39)	76	7	70	17
		68	2	75	24(107)	21	21	64	64	2	68	25	75(252)
98.4	6.6	62	62	22	22	80	34	45	10(40)	77	6	70	16
		68	1	75	24(108)	20	20	64	64	0	68	25	76(251)

105.0 5.5 62 62 22 22 80 34 44 9(40) 77 5 70 16
 68 0 76 23(108) 19 19 64 64 0 67 24 76(251)
 111.5 4.4 62 62 21 21 80 34 44 9(40) 76 4 70 15
 67 0 76 23(108) 19 19 64 64 0 67 23 76(251)

 HA= 96.5 HI= 29.5 GGW= 32.6 SL= 0.0 MAX(A,B,C,D)= 7.8 6.8 7.3 7.3

Main boom and fixed jib (jib angle 0.0 degrees)
 Length of main boom = 100.4 ft Length of jib = 29.5 ft
 Main boom sequence = 0-0-0-0-100-100 % LK = 29
 Counterweight = 32.6 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]								(Pos.[Degrees])				0-360 Degr.
		1(0)		2(...)				3(90)		4(...)				
		A	B	C	D	A	B	C	D	A	B	C	D	
23.0	39.7	58	58	43	43	58	57	44	43(4)	63	38	60	41	
		63	38	60	41(90)	43	43	58	58	38	63	41	60(270)	
26.2	37.7	59	59	41	41	64	53	45	37(20)	66	34	62	38	
		65	34	63	38(93)	40	40	60	60	33	65	39	63(266)	
29.5	35.3	60	60	38	38	68	50	46	33(27)	68	30	64	35	
		66	29	65	37(99)	38	38	61	61	29	66	37	65(260)	
32.8	32.6	61	61	36	36	70	48	47	30(31)	69	27	65	33	
		66	25	67	36(102)	36	36	62	62	25	66	36	67(257)	
39.4	28.9	63	63	33	33	75	45	47	24(36)	73	22	68	28	
		67	18	71	34(107)	32	32	63	63	18	67	34	71(252)	
45.9	25.4	64	64	30	30	78	41	48	20(39)	76	17	70	25	
		68	13	74	32(109)	29	29	65	65	13	68	32	74(250)	
52.5	22.3	65	65	28	28	80	41	47	17(38)	78	13	71	22	
		71	9	75	28(106)	26	26	66	66	9	71	29	76(253)	
59.1	18.7	64	64	26	26	80	39	47	15(39)	77	11	71	21	
		70	7	76	28(107)	25	25	65	65	7	70	28	76(252)	
65.6	15.4	63	63	26	26	79	38	46	14(39)	76	11	70	20	
		69	6	75	27(107)	24	24	65	65	6	69	28	75(252)	
72.2	13.0	63	63	25	25	79	37	45	13(39)	76	9	70	19	
		69	5	75	26(107)	23	23	64	64	5	68	27	75(252)	
78.7	10.8	62	62	24	24	78	37	45	13(39)	75	9	69	19	
		68	5	74	26(107)	22	22	64	64	4	68	26	75(252)	
85.3	9.3	62	62	24	24	79	36	45	12(39)	76	8	70	18	
		68	3	75	25(107)	21	21	64	64	3	68	25	75(252)	
91.9	7.7	62	62	23	23	79	35	44	11(39)	76	7	70	17	
		68	2	75	24(107)	21	21	64	64	2	68	25	75(252)	
98.4	6.6	62	62	22	22	80	34	45	10(40)	76	6	70	16	
		68	1	75	24(108)	20	20	64	64	1	67	25	75(251)	
105.0	5.5	62	62	22	22	80	34	44	9(40)	76	5	70	16	
		68	0	75	24(108)	19	19	64	64	0	67	24	76(251)	
111.5	4.6	62	62	21	21	80	34	44	8(40)	77	4	71	15	
		67	0	77	22(108)	19	19	65	65	0	67	22	77(251)	

 HA=100.4 HI= 29.5 GGW= 32.6 SL= 0.0 MAX(A,B,C,D)= 7.5 6.6 7.1 7.2

Main boom and fixed jib (jib angle 0.0 degrees)
 Length of main boom = 110.2 ft Length of jib = 29.5 ft
 Main boom sequence = 0-0-0-45-90-90 % LK = 36

Counterweight = 32.6 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
	1(0)		2(...)		3(90)		6(...)						
A	B	C	D	A	B	C	D	A	B	C	D		
23.0	39.7	58	58	43	43	59	56	44	42(7)	63	38	60	41
		63	38	60	41(90)	43	43	58	58	38	63	41	60(270)
26.2	39.7	61	61	40	40	68	52	47	35(25)	68	32	64	37
		67	31	65	38(97)	40	40	61	61	31	67	38	65(262)
29.5	39.7	64	64	37	37	75	49	49	29(34)	74	27	68	33
		69	24	71	37(105)	37	37	64	64	24	69	37	71(254)
32.8	37.9	66	66	34	34	79	47	50	25(37)	77	23	71	30
		71	19	75	35(108)	34	34	66	66	19	70	36	75(251)
39.4	33.7	68	68	30	30	84	44	49	19(38)	81	16	74	24
		72	12	79	33(111)	30	30	68	68	11	71	34	79(248)
45.9	28.0	67	67	28	28	84	41	49	16(39)	81	13	74	22
		73	9	78	29(107)	27	27	68	68	9	73	30	79(252)
52.5	22.3	65	65	27	27	82	40	47	15(39)	78	12	72	21
		71	8	77	28(107)	26	26	66	66	8	71	29	77(252)
59.1	18.3	64	64	26	26	80	39	46	15(39)	78	11	71	21
		70	7	76	27(107)	24	24	65	65	7	70	28	76(252)
65.6	15.0	63	63	25	25	79	38	46	14(39)	77	10	70	20
		69	6	75	27(107)	24	24	65	65	6	69	27	75(252)
72.2	12.6	63	63	25	25	79	37	45	13(39)	76	9	70	19
		69	5	75	26(107)	23	23	65	65	5	68	26	75(252)
78.7	10.4	62	62	24	24	79	36	45	13(39)	76	8	70	19
		68	4	74	26(107)	22	22	64	64	4	68	26	75(252)
85.3	8.8	62	62	23	23	79	36	44	11(39)	76	7	70	18
		69	3	75	25(107)	21	21	64	64	3	68	25	75(252)
91.9	7.3	62	62	23	23	79	35	45	11(40)	76	6	70	17
		68	2	75	25(108)	21	21	64	64	2	67	25	75(251)
98.4	6.2	62	62	22	22	80	34	44	9(40)	77	5	70	16
		68	0	75	24(108)	20	20	64	64	0	68	24	76(251)
105.0	5.1	62	62	21	21	80	34	44	9(40)	77	4	70	15
		68	0	76	23(108)	19	19	64	64	0	67	23	77(251)
111.5	4.0	62	62	21	21	80	34	44	9(40)	76	4	70	15
		67	0	76	22(108)	19	19	64	64	0	66	23	77(251)
118.1	3.1	62	62	21	21	80	33	44	8(40)	76	4	70	15
		66	0	77	21(108)	18	18	64	64	0	66	22	77(251)
124.7	2.2	61	61	21	21	80	33	43	8(40)	76	3	70	15
		66	0	77	21(108)	18	18	64	64	0	65	21	77(251)

HA=110.2 HI= 29.5 GGW= 32.6 SL= 0.0 MAX(A,B,C,D)= 7.8 6.8 7.3 7.4

Main boom and fixed jib (jib angle 0.0 degrees)

Length of main boom = 114.5 ft Length of jib = 29.5 ft

Main boom sequence = 0-0-0-45-100-100 % LK = 37

Counterweight = 32.6 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.		
	1(0)		2(...)		3(90)		6(...)				
A	B	C	D	A	B	C	D	A	B	C	D

26.2	38.4	60	60	40	40	66	53	46	36(23)	67	33	63	37
		66	32	64	38(95)	40	40	60	60	32	66	38	64(264)
29.5	35.9	61	61	38	38	69	50	47	32(29)	69	29	65	34
		67	28	67	37(100)	37	37	62	62	28	67	37	67(259)
32.8	33.7	62	62	36	36	72	48	47	28(33)	71	26	66	32
		67	23	69	36(104)	35	35	63	63	23	67	36	69(255)
39.4	29.5	64	64	32	32	77	44	48	23(37)	75	20	69	28
		68	17	73	34(108)	31	31	64	64	17	68	34	73(251)
45.9	26.7	66	66	29	29	81	42	48	18(38)	78	15	72	23
		70	10	77	32(111)	28	28	67	67	10	69	32	77(248)
52.5	22.5	65	65	27	27	82	40	47	15(39)	79	12	72	21
		72	8	77	28(107)	26	26	67	67	8	71	29	77(252)
59.1	18.3	64	64	26	26	80	39	46	15(39)	77	11	71	21
		70	7	76	28(107)	25	25	65	65	7	70	28	76(252)
65.6	15.0	63	63	26	26	79	38	46	14(39)	76	10	70	20
		69	6	75	27(107)	24	24	65	65	6	69	27	75(252)
72.2	12.6	63	63	25	25	79	37	45	13(39)	76	9	70	19
		69	5	75	26(107)	23	23	64	64	5	68	26	75(252)
78.7	10.6	62	62	24	24	79	36	45	12(39)	76	8	70	18
		69	4	75	25(107)	22	22	64	64	4	68	26	75(252)
85.3	8.8	62	62	23	23	79	36	44	11(39)	76	7	70	18
		68	3	75	25(107)	21	21	64	64	3	68	25	75(252)
91.9	7.3	62	62	23	23	79	35	44	11(39)	76	7	70	17
		68	2	75	24(107)	21	21	64	64	2	68	25	75(252)
98.4	6.2	62	62	22	22	80	34	44	10(40)	76	6	70	16
		68	1	75	24(108)	20	20	64	64	1	67	24	76(251)
105.0	5.1	62	62	22	22	80	34	44	9(40)	76	5	70	16
		68	0	76	23(108)	19	19	64	64	0	67	24	76(251)
111.5	4.0	62	62	21	21	80	34	44	9(40)	76	4	70	15
		67	0	76	23(108)	19	19	64	64	0	67	23	76(251)
118.1	3.1	62	62	21	21	80	33	44	8(40)	76	4	70	15
		67	0	77	22(108)	18	18	64	64	0	66	22	77(251)
124.7	2.2	61	61	21	21	79	33	43	8(40)	76	4	70	15
		66	0	77	21(108)	18	18	64	64	0	65	22	77(251)

HA=114.5 HI= 29.5 GGW= 32.6 SL= 0.0 MAX(A,B,C,D)= 7.6 6.6 7.2 7.2

Main boom and fixed jib (jib angle 0.0 degrees)

Length of main boom = 124.3 ft Length of jib = 29.5 ft

Main boom sequence = 0-0-0-90-90-90 % LK = 45

Counterweight = 32.6 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
	1(0)		2(...)		3(90)		6(...)						
	A	B	C	D	A	B	C	D	A	B	C	D	
29.5	39.7	65	65	36	36	75	49	49	29(34)	74	27	69	32
		70	24	72	37(105)	36	36	65	65	24	69	37	72(254)
32.8	37.7	66	66	34	34	79	46	50	25(37)	77	23	71	29
		71	19	75	35(108)	34	34	66	66	19	70	36	75(251)
39.4	33.7	68	68	30	30	84	43	50	18(39)	82	16	74	24
		72	11	80	33(111)	29	29	69	69	11	72	33	80(248)
45.9	27.3	67	67	28	28	84	41	48	16(39)	80	13	73	22
		73	9	78	29(107)	27	27	68	68	9	73	30	78(252)

52.5	22.0	65	65	27	27	82	40	47	15(39)	79	12	72	21
		71	8	77	28(107)	26	26	67	67	7	71	29	77(252)
59.1	17.9	64	64	26	26	80	39	46	15(39)	77	11	71	21
		70	7	76	27(107)	24	24	65	65	7	70	28	76(252)
65.6	14.6	63	63	25	25	79	38	46	14(39)	76	10	70	20
		69	6	75	27(107)	24	24	65	65	6	69	27	75(252)
72.2	12.1	62	62	24	24	79	37	45	13(39)	76	9	70	19
		69	5	75	26(107)	23	23	64	64	5	68	26	75(252)
78.7	10.1	62	62	24	24	79	36	45	12(39)	76	8	70	18
		69	4	75	25(107)	22	22	64	64	3	68	26	75(252)
85.3	8.4	62	62	23	23	79	36	44	11(39)	76	7	70	17
		68	3	75	25(107)	21	21	64	64	2	68	25	75(252)
91.9	7.1	62	62	22	22	80	35	45	10(40)	76	6	70	17
		68	1	75	24(108)	20	20	64	64	1	68	25	76(251)
98.4	5.7	62	62	22	22	80	34	44	9(40)	76	5	70	16
		68	0	75	24(108)	20	20	64	64	0	67	24	76(251)
105.0	4.6	62	62	21	21	80	34	44	9(40)	77	4	70	15
		68	0	76	23(108)	19	19	64	64	0	67	23	77(251)
111.5	3.5	62	62	21	21	80	33	44	9(40)	76	4	70	15
		67	0	76	22(108)	19	19	64	64	0	66	23	77(251)
118.1	2.6	62	62	21	21	80	33	44	8(40)	76	4	70	15
		66	0	77	21(108)	18	18	64	64	0	65	22	77(251)

HA=124.3 HI= 29.5 GGW= 32.6 SL= 0.0 MAX(A,B,C,D)= 7.8 6.7 7.4 7.4

Main boom and fixed jib (jib angle 0.0 degrees)

Length of main boom = 130.9 ft Length of jib = 29.5 ft

Main boom sequence = 0-0-0-100-100-100 % LK = 46

Counterweight = 32.6 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.			
		1(0)		2(...)		3(90)		6(...)					
		4(...)		5(180)		6(...)							
		A	B	C	D	A	B	C	D				
29.5	35.3	61	61	38	38	69	50	47	32(29)	69	29	65	34
		67	28	66	37(100)	37	37	61	61	28	66	37	67(259)
32.8	33.3	62	62	35	35	72	48	47	28(33)	71	26	66	32
		67	23	69	35(104)	35	35	63	63	23	67	36	69(255)
39.4	29.8	64	64	32	32	78	43	48	22(38)	76	20	70	27
		69	16	74	34(109)	31	31	65	65	15	68	34	74(250)
45.9	26.7	66	66	28	28	82	42	48	17(38)	79	14	73	23
		70	9	78	32(111)	27	27	67	67	9	70	32	78(248)
52.5	22.0	65	65	27	27	82	40	47	15(39)	79	12	72	21
		71	8	77	28(107)	26	26	67	67	7	71	29	77(252)
59.1	17.9	64	64	26	26	80	39	46	15(39)	77	11	71	21
		70	7	76	27(107)	24	24	65	65	7	70	28	76(252)
65.6	14.6	63	63	25	25	79	38	46	14(39)	76	10	70	20
		69	6	75	27(107)	24	24	65	65	6	69	27	75(252)
72.2	12.1	62	62	24	24	79	37	45	13(39)	76	9	70	19
		69	5	75	26(107)	23	23	64	64	5	68	26	75(252)
78.7	10.1	62	62	24	24	79	36	45	12(39)	76	8	70	18
		69	4	75	25(107)	22	22	64	64	3	68	26	75(252)
85.3	8.4	62	62	23	23	79	36	44	11(39)	76	7	70	17
		68	3	75	25(107)	21	21	64	64	2	68	25	75(252)

91.9	7.1	62	62	22	22	80	35	45	10(40)	76	6	70	17
		68	1	75	24(108)	20	20	64	64	1	68	25	76(251)
98.4	5.7	62	62	22	22	80	34	44	9(40)	76	5	70	16
		68	0	75	24(108)	20	20	64	64	0	67	24	76(251)
105.0	4.6	62	62	21	21	80	34	44	9(40)	77	4	70	15
		68	0	76	23(108)	19	19	64	64	0	67	23	76(251)
111.5	3.5	62	62	21	21	80	33	44	9(40)	76	4	70	15
		67	0	76	22(108)	19	19	64	64	0	66	23	77(251)
118.1	2.6	62	62	21	21	80	33	44	8(40)	76	4	70	15
		66	0	77	21(108)	18	18	64	64	0	65	22	77(251)

 HA=130.9 HI= 29.5 GGW= 32.6 SL= 0.0 MAX(A,B,C,D)= 7.6 6.6 7.2 7.3

Main boom and fixed jib (jib angle 0.0 degrees)
 Length of main boom = 138.1 ft Length of jib = 29.5 ft
 Main boom sequence = 0-0-45-90-90-90 % LK = 54
 Counterweight = 32.6 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
	1(0)		2(...)		3(90)		6(...)						
	4(...)		5(180)		6(...)								
	A	B	C	D	A	B	C	D	A	B	C	D	
32.8	37.7	67	67	33	33	80	46	50	24(38)	78	22	71	29
		71	18	76	35(109)	33	33	67	67	18	71	36	76(250)
39.4	31.1	66	66	30	30	82	42	50	20(40)	79	17	72	25
		71	13	77	33(110)	30	30	67	67	13	70	33	77(249)
45.9	25.4	65	65	28	28	81	42	47	17(38)	78	14	72	23
		69	10	77	32(111)	27	27	66	66	9	69	32	77(248)
52.5	20.7	64	64	27	27	81	39	47	16(39)	78	12	71	21
		71	8	76	28(107)	26	26	66	66	8	70	29	76(252)
59.1	17.2	64	64	26	26	81	38	46	14(39)	78	11	71	20
		70	6	76	27(107)	24	24	65	65	6	70	28	76(252)
65.6	13.9	63	63	25	25	80	37	45	13(39)	77	10	70	19
		69	5	75	26(107)	23	23	65	65	5	69	27	75(252)
72.2	11.5	63	63	24	24	79	37	45	12(39)	76	8	70	19
		69	4	75	26(107)	22	22	65	65	4	68	26	75(252)
78.7	9.5	62	62	23	23	79	36	45	11(39)	76	7	70	18
		69	3	75	25(107)	21	21	64	64	3	68	25	75(252)
85.3	7.7	62	62	23	23	80	35	45	11(40)	76	6	70	17
		68	2	75	25(108)	21	21	64	64	2	67	25	75(251)
91.9	6.4	62	62	22	22	80	34	45	9(40)	77	5	71	16
		68	0	76	24(108)	20	20	65	65	0	68	24	76(251)
98.4	5.1	62	62	22	22	80	34	44	9(40)	77	4	71	15
		68	0	76	23(108)	19	19	64	64	0	67	23	77(251)
105.0	3.7	62	62	21	21	80	34	44	9(40)	76	4	70	15
		67	0	76	23(108)	19	19	64	64	0	66	23	76(251)
111.5	2.6	61	61	21	21	79	33	44	9(40)	76	4	70	15
		67	0	76	22(108)	19	19	64	64	0	66	22	76(251)

 HA=138.1 HI= 29.5 GGW= 32.6 SL= 0.0 MAX(A,B,C,D)= 7.6 6.6 7.1 7.2

Main boom and fixed jib (jib angle 0.0 degrees)
 Length of main boom = 145.0 ft Length of jib = 29.5 ft
 Main boom sequence = 0-0-45-100-100-100 % LK = 55

Counterweight = 32.6 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.					
	1(0)		2(...)		3(90)		6(...)							
	A	B	C	D	A	B	C	D						
32.8 33.1	62	62	35	35	73	47	47	28	(34)	72	25	67	31	
	67	22	70	35	(105)	35	35	63	63		22	67	36	70
39.4 30.0	65	65	31	31	80	43	49	21	(39)	77	18	71	26	
	69	14	75	33	(110)	30	30	66	66		14	69	34	76
45.9 24.9	65	65	29	29	80	42	47	18	(38)	78	15	71	23	
	69	10	76	32	(111)	28	28	66	66		10	68	32	76
52.5 20.5	64	64	27	27	80	40	46	16	(38)	77	13	71	22	
	71	9	75	28	(106)	26	26	65	65		8	70	28	75
59.1 17.0	64	64	26	26	80	38	46	14	(39)	77	11	71	20	
	70	7	75	27	(107)	24	24	65	65		6	69	28	76
65.6 13.9	63	63	25	25	80	37	45	13	(39)	77	10	70	19	
	69	5	75	26	(107)	23	23	65	65		5	69	27	75
72.2 11.5	63	63	24	24	79	37	45	13	(39)	76	9	70	19	
	69	4	75	26	(107)	22	22	65	65		4	68	26	75
78.7 9.5	62	62	23	23	79	36	45	11	(39)	76	7	70	18	
	69	3	75	25	(107)	21	21	64	64		3	68	25	75
85.3 7.7	62	62	23	23	80	35	45	11	(40)	76	7	70	17	
	68	2	75	25	(108)	21	21	64	64		2	67	25	75
91.9 6.4	62	62	22	22	80	34	45	9	(40)	77	5	70	16	
	68	0	76	24	(108)	20	20	64	64		0	68	24	76
98.4 5.1	62	62	22	22	80	34	44	9	(40)	77	5	70	16	
	68	0	76	23	(108)	19	19	64	64		0	67	24	76
105.0 3.7	62	62	21	21	79	34	44	9	(40)	76	4	70	15	
	67	0	76	23	(108)	19	19	64	64		0	67	23	76
111.5 2.6	61	61	21	21	79	33	44	9	(40)	76	4	70	15	
	67	0	76	22	(108)	19	19	64	64		0	66	23	76

HA=145.0 HI= 29.5 GGW= 32.6 SL= 0.0 MAX(A,B,C,D)= 7.5 6.5 7.1 7.1

Main boom and fixed jib (jib angle 0.0 degrees)
 Length of main boom = 152.2 ft Length of jib = 29.5 ft
 Main boom sequence = 0-0-90-90-90-90 % LK = 62
 Counterweight = 32.6 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.					
	1(0)		2(...)		3(90)		6(...)							
	A	B	C	D	A	B	C	D						
39.4 28.9	65	65	31	31	79	43	49	21	(39)	76	18	70	26	
	69	14	75	33	(109)	30	30	65	65		14	69	33	75
45.9 23.4	64	64	29	29	78	42	47	19	(37)	76	15	70	24	
	68	11	75	32	(110)	28	28	65	65		11	68	32	75
52.5 19.0	63	63	28	28	78	40	46	17	(38)	76	13	70	22	
	69	9	74	28	(106)	26	26	65	65		9	69	29	74
59.1 15.7	63	63	26	26	78	39	45	15	(38)	76	11	70	21	
	69	7	74	27	(106)	24	24	64	64		7	69	28	74
65.6 12.8	62	62	25	25	78	37	45	14	(39)	75	10	70	20	
	68	6	74	26	(107)	23	23	64	64		6	68	27	74

72.2	10.6	62	62	24	24	79	37	45	13(39)	76	9	70	19
		68	4	75	26(107)	22	22	64	64	4	68	26	75(252)
78.7	8.6	62	62	23	23	79	36	44	12(39)	76	7	70	18
		68	3	75	25(107)	21	21	64	64	3	68	25	75(252)
85.3	6.8	62	62	23	23	79	35	44	11(39)	76	7	70	17
		68	2	75	24(107)	21	21	64	64	2	67	25	75(252)
91.9	5.3	61	61	22	22	79	34	44	10(40)	75	6	69	17
		67	1	75	24(108)	20	20	64	64	1	67	25	75(251)
98.4	4.2	62	62	22	22	79	34	44	9(40)	76	5	70	16
		67	0	75	24(108)	19	19	64	64	0	67	24	76(251)
105.0	3.1	62	62	21	21	80	33	44	8(40)	76	4	70	15
		67	0	76	22(108)	19	19	64	64	0	66	22	77(251)

HA=152.2 HI= 29.5 GGW= 32.6 SL= 0.0 MAX(A,B,C,D)= 7.4 6.4 7.1 7.1

Main boom and fixed jib (jib angle 0.0 degrees)

Length of main boom = 161.4 ft Length of jib = 29.5 ft

Main boom sequence = 0-0-100-100-100-100 % LK = 63

Counterweight = 32.6 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.			
		1(0)		2(...)		3(90)		6(...)					
		A	B	C	D	A	B	C	D				
39.4	28.0	64	64	31	31	78	43	48	22(38)	75	19	69	27
		68	15	74	33(109)	30	30	65	65	15	68	34	74(250)
45.9	22.7	63	63	29	29	77	42	46	19(37)	75	16	69	24
		67	12	74	32(110)	28	28	64	64	12	67	32	74(249)
52.5	18.5	63	63	28	28	77	41	45	17(37)	75	14	69	23
		67	9	74	30(110)	26	26	64	64	9	66	31	74(249)
59.1	15.2	62	62	26	26	78	39	45	16(38)	75	12	69	21
		69	8	73	27(106)	25	25	64	64	8	68	28	74(253)
65.6	12.3	62	62	26	26	77	38	45	15(38)	75	11	69	20
		68	7	73	26(106)	24	24	63	63	7	68	27	73(253)
72.2	10.1	62	62	25	25	78	37	45	13(39)	75	9	69	19
		68	5	74	26(107)	22	22	63	63	5	67	26	74(252)
78.7	8.2	61	61	24	24	78	36	44	12(39)	75	8	69	18
		67	4	74	25(107)	22	22	63	63	4	67	26	74(252)
85.3	6.6	61	61	23	23	78	35	44	11(39)	75	7	69	17
		68	3	74	24(107)	21	21	63	63	2	67	25	74(252)
91.9	5.1	61	61	23	23	78	35	44	11(39)	75	6	69	17
		67	2	74	24(107)	20	20	63	63	2	67	24	74(252)
98.4	3.7	61	61	22	22	78	34	43	10(39)	75	6	69	17
		67	1	74	24(107)	20	20	63	63	1	67	24	74(252)
105.0	2.6	61	61	22	22	78	33	44	9(40)	75	5	69	16
		67	0	74	24(108)	19	19	63	63	0	66	24	74(251)

HA=161.4 HI= 29.5 GGW= 32.6 SL= 0.0 MAX(A,B,C,D)= 7.3 6.3 6.9 6.9

Main boom and fixed jib (jib angle 0.0 degrees)

Length of main boom = 166.0 ft Length of jib = 29.5 ft

Main boom sequence = 0-45-90-90-90-90 % LK = 68

Counterweight = 32.6 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]								(Pos.[Degrees])				0-360 Degr.						
	1(0)		2(...)				3(90)		4(...)		5(180)				6(...)				
	A	B	C	D	A	B	C	D	A	B	C	D	A	B	C	D			
39.4	26.2	63	63	31	31	76	43	47	22	(37)	74	19	68	27					
		67	16	72	33	(108)	30	30	64	64	16	67	33	73	(251)				
45.9	21.2	62	62	29	29	76	42	45	20	(36)	74	16	68	24					
		67	12	73	31	(109)	28	28	63	63	12	66	32	73	(250)				
52.5	17.0	62	62	28	28	76	40	45	18	(37)	74	14	68	23					
		66	10	73	30	(110)	26	26	63	63	10	65	31	73	(249)				
59.1	13.7	61	61	27	27	76	39	44	16	(37)	74	13	68	22					
		68	9	72	27	(105)	25	25	63	63	9	67	28	72	(254)				
65.6	11.0	61	61	26	26	76	38	44	15	(38)	74	11	68	20					
		67	7	72	26	(106)	24	24	63	63	7	67	27	73	(253)				
72.2	8.8	61	61	25	25	77	37	44	14	(38)	74	9	68	19					
		67	6	73	26	(106)	22	22	63	63	5	67	26	73	(253)				
78.7	6.8	60	60	24	24	76	36	43	13	(38)	74	9	68	19					
		67	5	73	25	(106)	22	22	63	63	4	67	25	73	(253)				
85.3	5.3	60	60	23	23	77	35	44	12	(39)	74	7	68	18					
		67	3	73	25	(107)	21	21	63	63	3	66	25	73	(252)				
91.9	3.7	60	60	23	23	77	35	43	11	(39)	74	7	68	17					
		66	2	73	24	(107)	20	20	63	63	2	66	25	73	(252)				
98.4	2.6	60	60	22	22	77	34	43	10	(39)	74	6	69	17					
		67	1	73	24	(107)	20	20	63	63	1	66	24	73	(252)				

HA=166.0 HI= 29.5 GGW= 32.6 SL= 0.0 MAX(A,B,C,D)= 7.2 6.3 6.8 6.8

Main boom and fixed jib (jib angle 0.0 degrees)
Length of main boom = 175.5 ft Length of jib = 29.5 ft
Main boom sequence = 0-45-100-100-100-100 % LK = 69
Counterweight = 32.6 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]								(Pos.[Degrees])				0-360 Degr.						
	1(0)		2(...)				3(90)		4(...)		5(180)				6(...)				
	A	B	C	D	A	B	C	D	A	B	C	D	A	B	C	D			
45.9	20.5	62	62	30	30	75	41	46	20	(38)	73	17	68	25					
		66	13	72	32	(109)	28	28	63	63	13	65	32	72	(250)				
52.5	16.5	61	61	28	28	75	41	45	19	(36)	73	15	68	23					
		66	11	72	30	(109)	27	27	63	63	11	65	31	72	(250)				
59.1	13.2	61	61	27	27	75	39	44	17	(37)	73	13	67	22					
		67	9	71	27	(105)	25	25	62	62	9	67	28	71	(254)				
65.6	10.6	60	60	26	26	75	38	44	16	(37)	73	12	67	21					
		67	8	71	26	(105)	24	24	62	62	8	67	27	72	(254)				
72.2	8.4	60	60	25	25	75	37	44	15	(38)	73	10	67	20					
		66	6	72	26	(106)	23	23	62	62	6	66	26	72	(253)				
78.7	6.6	60	60	24	24	76	36	43	13	(38)	73	9	68	19					
		67	5	72	25	(106)	22	22	62	62	5	66	26	72	(253)				
85.3	5.1	60	60	24	24	76	35	44	12	(39)	73	8	68	18					
		66	4	73	25	(107)	21	21	62	62	4	66	25	73	(252)				
91.9	3.5	60	60	23	23	76	35	43	12	(39)	73	7	68	18					
		66	3	72	24	(107)	21	21	62	62	3	65	25	73	(252)				
98.4	2.4	60	60	22	22	77	34	43	11	(39)	73	6	68	17					
		66	2	73	24	(107)	20	20	62	62	2	66	24	73	(252)				

HA=175.5 HI= 29.5 GGW= 32.6 SL= 0.0 MAX(A,B,C,D)= 7.1 6.2 6.8 6.8

Main boom and fixed jib (jib angle 0.0 degrees)

Length of main boom = 180.1 ft Length of jib = 29.5 ft

Main boom sequence = 0-90-90-90-90-90 % LK = 73

Counterweight = 32.6 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
	1(0)		2(...)		3(90)		4(...)						
	A	B	C	D	A	B	C	D					
45.9	19.0	61	61	30	30	74	41	46	21(37)	72	17	67	25
		65	14	71	31(108)	28	28	62	62	14	65	32	71(251)
52.5	15.0	60	60	28	28	73	40	44	19(36)	71	15	67	24
		65	11	71	30(109)	27	27	62	62	11	64	31	71(250)
59.1	11.9	60	60	27	27	74	39	43	17(36)	72	13	67	22
		67	10	70	27(104)	25	25	62	62	10	66	28	70(255)
65.6	9.5	60	60	26	26	75	38	43	16(37)	72	12	67	21
		66	8	71	26(105)	24	24	62	62	8	66	27	71(254)
72.2	7.3	60	60	25	25	75	37	43	15(37)	72	10	67	20
		66	7	71	26(105)	23	23	62	62	7	66	26	71(254)
78.7	5.5	60	60	24	24	75	36	43	13(38)	72	9	67	19
		66	5	71	25(106)	22	22	62	62	5	65	26	72(253)
85.3	3.7	59	59	24	24	75	35	43	13(38)	72	9	67	19
		65	5	71	25(106)	21	21	62	62	4	65	25	71(253)
91.9	2.4	59	59	23	23	75	35	42	12(38)	72	7	67	18
		66	4	71	24(106)	21	21	62	62	3	65	24	72(253)

HA=180.1 HI= 29.5 GGW= 32.6 SL= 0.0 MAX(A,B,C,D)= 7.0 6.1 6.6 6.7

Main boom and fixed jib (jib angle 0.0 degrees)

Length of main boom = 191.9 ft Length of jib = 29.5 ft

Main boom sequence = 0-100-100-100-100-100 % LK = 74

Counterweight = 32.6 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
	1(0)		2(...)		3(90)		4(...)						
	A	B	C	D	A	B	C	D					
52.5	14.3	60	60	29	29	72	41	44	20(35)	71	16	66	24
		64	12	70	30(108)	27	27	61	61	12	64	31	70(251)
59.1	11.2	59	59	28	28	73	39	43	18(36)	71	14	66	23
		63	10	70	30(109)	26	26	61	61	10	63	30	70(250)
65.6	8.8	59	59	26	26	73	39	43	17(36)	71	13	66	22
		66	9	70	26(104)	24	24	61	61	9	65	27	70(255)
72.2	6.8	59	59	25	25	74	37	43	15(37)	71	11	66	21
		66	7	70	26(105)	23	23	61	61	7	65	26	71(254)
78.7	5.1	59	59	25	25	74	36	43	14(38)	71	10	67	19
		65	6	71	25(106)	22	22	62	62	6	65	26	71(253)
85.3	3.5	59	59	24	24	74	35	43	13(38)	72	9	67	19
		65	5	71	25(106)	21	21	62	62	5	65	25	71(253)

HA=191.9 HI= 29.5 GGW= 32.6 SL= 0.0 MAX(A,B,C,D)= 6.9 6.1 6.6 6.6

 Main boom and fixed jib (jib angle 0.0 degrees)
 Length of main boom = 193.9 ft Length of jib = 29.5 ft
 Main boom sequence = 45-90-90-90-90-90 % LK = 76
 Counterweight = 32.6 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]								(Pos.[Degrees])				0-360 Degr.				
		1(0)				2(...)				3(90)								
		4(...)				5(180)				6(...)								
A	B	C	D	A	B	C	D	A	B	C	D							
45.9	16.5	59	59	30	30	71	41	45	22	(36)	69	18	65	26				
		64	15	69	31(107)	29	29	61	61		15	63	32	69(252)				
52.5	12.8	59	59	29	29	71	41	43	20	(35)	69	16	65	24				
		63	13	69	30(108)	27	27	61	61		12	63	31	69(251)				
59.1	9.9	59	59	27	27	72	39	43	18	(36)	70	14	65	23				
		63	10	70	29(109)	25	25	61	61		10	63	30	70(250)				
65.6	7.5	58	58	26	26	72	38	43	17	(36)	70	12	65	22				
		65	9	69	26(104)	24	24	61	61		9	65	27	69(255)				
72.2	5.3	58	58	26	26	72	37	43	16	(37)	70	11	65	21				
		65	8	69	26(105)	23	23	61	61		8	64	26	69(254)				
78.7	3.5	58	58	25	25	73	36	42	15	(37)	70	10	65	20				
		65	7	69	25(105)	22	22	61	61		6	64	26	70(254)				

 HA=193.9 HI= 29.5 GGW= 32.6 SL= 0.0 MAX(A,B,C,D)= 6.7 6.0 6.5 6.5

Main boom and fixed jib (jib angle 0.0 degrees)
 Length of main boom = 205.7 ft Length of jib = 29.5 ft
 Main boom sequence = 45-100-100-100-100-100 % LK = 77
 Counterweight = 32.6 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]								(Pos.[Degrees])				0-360 Degr.				
		1(0)				2(...)				3(90)								
		4(...)				5(180)				6(...)								
A	B	C	D	A	B	C	D	A	B	C	D							
52.5	12.1	58	58	29	29	70	40	44	21	(36)	68	17	64	25				
		63	13	68	30(107)	27	27	60	60		13	62	31	68(252)				
59.1	9.3	58	58	28	28	70	39	43	19	(35)	69	15	64	23				
		62	11	68	29(108)	26	26	60	60		11	62	30	69(251)				
65.6	7.1	58	58	27	27	71	38	43	17	(36)	69	13	65	22				
		64	10	68	27(104)	24	24	60	60		10	64	27	69(255)				
72.2	4.9	58	58	26	26	71	37	42	17	(36)	69	12	65	21				
		64	9	68	26(104)	24	24	60	60		9	64	26	68(255)				
78.7	3.3	58	58	25	25	72	36	42	15	(37)	70	11	65	20				
		64	7	69	25(105)	22	22	60	60		7	64	26	69(254)				

 HA=205.7 HI= 29.5 GGW= 32.6 SL= 0.0 MAX(A,B,C,D)= 6.7 6.0 6.4 6.4

HA=205.7 HI= 29.5 GGW= 32.6 SL= 0.0 MAX(A,B,C,D)= 0.0 0.0 0.0 0.0

HA=205.7 HI= 29.5 GGW= 32.6 SL= 0.0 MAX(A,B,C,D)= 0.0 0.0 0.0 0.0

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H

DEMAG Mobile Cranes
 O U T R I G G E R - L O A D I N G S
 (Variance = +-10%)

PSI= 1.00

Crane : *** AC 200-1 *** mit HKHI fuer GA und MS

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-----
Outrigger width = 18.7 ft      Outrigger length = 27.7 ft
Outrigger "A"  X = 12.0 ft    Outrigger "A"  Y = 9.4 ft
Outrigger "B"  X = 12.0 ft    Outrigger "B"  Y = -9.4 ft
Outrigger "C"  X = -15.7 ft   Outrigger "C"  Y = 9.4 ft
Outrigger "D"  X = -15.7 ft   Outrigger "D"  Y = -9.4 ft
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Main boom and fixed jib (jib angle 20.0 degrees)
Length of main boom = 40.7 ft      Length of jib = 29.5 ft
Main boom sequence = 0-0-0-0-0-0 %      LK = 1
Counterweight = 32.6 kip
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Radius Cap. [ft]	Cap. [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
		1(0)		2(...)		3(90)		6(...)						
		A	B	C	D	A	B	C	D		A	B	C	D
16.4	34.2	47	47	52	52	44	51	48	53(59)	45	53	46	52	
		47	53	45	50(128)	51	51	47	47	53	47	50	45(232)	
19.7	31.5	48	48	49	49	47	48	49	49(59)	48	49	48	49	
		48	49	48	49(127)	48	48	48	48	49	48	49	48(232)	
23.0	29.3	49	49	47	47	51	46	49	45(59)	50	45	50	46	
		49	44	51	48(128)	46	46	50	50	44	49	48	51(232)	
26.2	27.6	50	50	44	44	54	44	50	42(59)	53	41	52	43	
		49	40	54	46(128)	43	43	51	51	40	49	46	54(232)	
29.5	25.8	52	52	42	42	57	41	50	39(59)	55	37	54	41	
		50	36	56	45(128)	41	41	53	53	36	50	45	56(232)	
32.8	24.3	53	53	40	40	53	53	40	40(0)	58	34	56	38	
		58	34	56	38(90)	39	39	54	54	34	58	38	56(270)	
39.4	21.8	55	55	36	36	61	48	42	32(23)	62	28	60	34	
		61	28	60	35(95)	35	35	57	57	27	61	35	60(264)	
45.9	19.8	58	58	33	33	68	44	44	26(32)	67	22	63	29	
		63	20	65	33(103)	32	32	59	59	20	63	33	66(256)	
52.5	18.3	61	61	30	30	74	40	46	20(38)	72	17	67	25	
		65	13	71	31(108)	28	28	62	62	13	65	31	71(251)	

HA= 40.7 HI= 29.5 GGW= 32.6 SL= 0.0 MAX(A,B,C,D)= 6.9 6.0 6.6 6.6

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Main boom and fixed jib (jib angle 20.0 degrees)
Length of main boom = 54.5 ft      Length of jib = 29.5 ft
Main boom sequence = 0-0-0-0-0-45 %      LK = 7
Counterweight = 32.6 kip
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```

Radius Cap. [ft]	Cap. [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.	
		1(0)		2(...)		3(90)		6(...)			
		A	B	C	D	A	B	C	D		A

	4(...)				5(180)				6(...)					
	A	B	C	D	A	B	C	D	A	B	C	D		
19.7	33.1	48	48	49	49	48	49	49	49	(59)	48	49	49	49
		49	49	49	49(127)	49	49	49	49		49	49	49	49(232)
23.0	31.1	50	50	47	47	52	46	50	45	(59)	51	45	51	46
		49	44	52	48(128)	46	46	50	50		44	49	48	52(232)
26.2	29.1	51	51	44	44	55	44	50	42	(59)	54	41	53	43
		50	40	54	47(128)	44	44	52	52		40	50	47	54(232)
29.5	27.8	53	53	42	42	58	42	51	39	(59)	56	37	55	41
		56	37	55	41(90)	41	41	54	54		37	56	41	55(270)
32.8	26.2	54	54	40	40	55	53	41	39	(5)	59	34	57	38
		59	34	57	38(90)	39	39	55	55		34	59	38	57(270)
39.4	23.8	56	56	36	36	63	48	43	32	(25)	63	28	60	34
		62	27	62	35(97)	35	35	58	58		27	62	35	62(262)
45.9	21.8	59	59	33	33	69	44	45	26	(33)	68	22	64	29
		64	20	67	33(104)	32	32	60	60		20	64	33	67(255)
52.5	20.3	62	62	30	30	75	41	46	20	(38)	73	17	67	25
		66	13	72	32(109)	28	28	63	63		13	65	32	72(250)
59.1	18.7	64	64	26	26	80	40	46	15	(38)	77	12	71	21
		70	8	75	27(106)	25	25	65	65		8	70	28	75(253)
65.6	15.4	63	63	25	25	80	38	46	14	(39)	77	10	70	20
		69	6	75	27(107)	24	24	65	65		6	69	27	75(252)

HA= 54.5 HI= 29.5 GGW= 32.6 SL= 0.0 MAX(A,B,C,D)= 7.4 6.5 7.0 7.0

Main boom and fixed jib (jib angle 20.0 degrees)

Length of main boom = 68.6 ft Length of jib = 29.5 ft

Main boom sequence = 0-0-0-0-0-90 % LK = 13

Counterweight = 32.6 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.					
	1(0)				2(...)					3(90)				
	4(...)				5(180)				6(...)					
	A	B	C	D	A	B	C	D	A	B	C	D		
23.0	31.7	50	50	47	47	52	46	50	46	(59)	51	45	51	46
		49	44	52	48(128)	46	46	51	51		44	49	48	52(232)
26.2	30.2	52	52	45	45	55	44	51	42	(59)	54	41	53	43
		50	40	55	47(128)	44	44	52	52		40	50	47	55(232)
29.5	28.7	53	53	42	42	58	42	51	39	(59)	57	37	55	41
		57	37	55	41(90)	41	41	54	54		37	57	41	55(270)
32.8	27.6	54	54	40	40	56	53	42	39	(8)	60	34	58	38
		60	34	58	38(90)	39	39	55	55		34	60	38	58(270)
39.4	25.4	57	57	36	36	65	48	44	31	(27)	65	28	62	33
		63	26	63	35(98)	35	35	58	58		26	63	35	63(261)
45.9	23.1	60	60	33	33	70	44	45	25	(34)	69	22	65	29
		65	19	68	33(105)	32	32	61	61		19	64	34	68(254)
52.5	21.2	62	62	30	30	75	41	47	20	(38)	73	17	68	25
		66	13	72	31(108)	28	28	63	63		13	66	32	72(251)
59.1	19.2	63	63	27	27	79	40	46	17	(38)	76	13	70	22
		70	9	74	28(106)	26	26	65	65		9	69	28	74(253)
65.6	16.3	63	63	26	26	79	39	45	15	(38)	76	11	70	21
		70	7	75	27(106)	24	24	65	65		7	69	27	75(253)
72.2	13.4	62	62	25	25	78	38	45	14	(38)	75	10	70	20
		69	6	74	26(106)	23	23	64	64		6	68	27	74(253)

78.7 11.2 62 62 24 24 78 37 45 13(39) 75 9 69 19
 68 5 74 26(107) 22 22 64 64 5 68 26 75(252)
 85.3 9.5 62 62 23 23 79 36 45 11(39) 76 7 70 18
 69 3 75 25(107) 21 21 64 64 3 68 25 75(252)

 HA= 68.6 HI= 29.5 GGW= 32.6 SL= 0.0 MAX(A,B,C,D)= 7.4 6.4 6.9 7.0

Main boom and fixed jib (jib angle 20.0 degrees)
 Length of main boom = 70.2 ft Length of jib = 29.5 ft
 Main boom sequence = 0-0-0-0-100 % LK = 14
 Counterweight = 32.6 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]								(Pos.[Degrees])				0-360 Degr.
		1(0)		2(...)				3(90)		6(...)				
		A	B	C	D	A	B	C	D	A	B	C	D	
23.0	32.0	50	50	47	47	52	46	50	45(59)	52	45	51	46	
		50	44	52	48(128)	46	46	51	51	44	50	48	52(232)	
26.2	30.0	51	51	45	45	55	44	50	42(59)	54	41	53	43	
		50	40	54	47(128)	44	44	52	52	40	50	47	54(232)	
29.5	28.0	52	52	43	43	58	42	51	39(59)	56	38	55	41	
		51	37	57	46(128)	42	42	53	53	37	51	46	57(232)	
32.8	26.2	53	53	41	41	60	40	52	37(59)	58	35	56	39	
		58	35	56	39(90)	40	40	54	54	35	58	39	56(270)	
39.4	23.4	55	55	37	37	60	49	42	34(21)	62	30	59	35	
		61	29	60	35(93)	36	36	56	56	29	61	35	60(266)	
45.9	20.7	57	57	34	34	65	46	43	29(29)	65	25	62	31	
		63	23	63	34(100)	33	33	58	58	23	62	34	63(259)	
52.5	18.7	59	59	32	32	69	43	44	24(34)	68	21	64	28	
		64	18	67	32(105)	30	30	60	60	18	63	32	67(254)	
59.1	17.0	60	60	29	29	73	40	45	20(37)	71	17	66	25	
		65	13	70	31(108)	28	28	62	62	13	64	31	71(251)	
65.6	15.7	62	62	27	27	77	39	45	16(38)	75	13	69	22	
		68	9	73	28(106)	25	25	64	64	8	68	28	73(253)	
72.2	13.7	62	62	25	25	79	37	45	14(39)	76	10	70	20	
		69	6	75	27(107)	23	23	64	64	6	68	27	75(252)	
78.7	11.5	62	62	24	24	79	37	45	13(39)	76	9	70	19	
		68	5	75	26(107)	22	22	64	64	4	68	26	75(252)	
85.3	9.5	62	62	24	24	79	36	45	12(39)	76	8	70	18	
		68	4	75	25(107)	22	22	64	64	3	68	26	75(252)	

 HA= 70.2 HI= 29.5 GGW= 32.6 SL= 0.0 MAX(A,B,C,D)= 7.3 6.3 6.9 6.9

Main boom and fixed jib (jib angle 20.0 degrees)
 Length of main boom = 82.3 ft Length of jib = 29.5 ft
 Main boom sequence = 0-0-0-0-45-90 % LK = 20
 Counterweight = 32.6 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]								(Pos.[Degrees])				0-360 Degr.
		1(0)		2(...)				3(90)		6(...)				
		A	B	C	D	A	B	C	D	A	B	C	D	
26.2	31.1	52	52	44	44	56	44	51	42(59)	55	41	54	43	
		51	39	56	47(128)	44	44	53	53	39	51	47	56(232)	

29.5	29.8	54	54	42	42	60	42	52	38(59)	58	37	56	40
		58	37	56	40(90)	41	41	55	55	37	58	40	56(270)
32.8	28.4	55	55	40	40	58	52	42	38(12)	61	34	58	38
		61	34	58	38(90)	39	39	56	56	34	61	38	58(270)
39.4	26.2	58	58	36	36	66	48	44	30(28)	66	27	62	33
		64	25	64	35(100)	35	35	59	59	25	63	35	64(259)
45.9	24.5	61	61	32	32	73	44	46	24(35)	71	21	66	28
		66	18	70	33(106)	31	31	62	62	18	66	33	70(253)
52.5	22.7	63	63	29	29	78	42	46	19(37)	76	15	70	24
		68	11	74	31(110)	28	28	65	65	11	67	32	75(249)
59.1	19.8	64	64	27	27	80	40	46	16(38)	77	12	71	22
		71	8	75	28(106)	26	26	65	65	8	70	28	75(253)
65.6	16.3	63	63	26	26	78	39	45	15(38)	76	12	70	21
		69	7	74	27(106)	25	25	64	64	7	69	28	74(253)
72.2	13.7	62	62	25	25	78	38	45	14(38)	75	10	69	20
		69	6	74	26(106)	24	24	64	64	6	68	27	74(253)
78.7	11.5	62	62	25	25	78	37	45	13(39)	75	9	69	19
		68	5	74	26(107)	23	23	64	64	5	68	26	74(252)
85.3	9.7	62	62	24	24	78	36	45	12(39)	75	8	70	18
		68	4	74	25(107)	22	22	64	64	4	68	26	75(252)
91.9	8.2	62	62	23	23	79	36	44	11(39)	76	7	70	17
		68	2	75	24(107)	21	21	64	64	2	68	25	75(252)
98.4	6.8	62	62	22	22	80	34	45	10(40)	76	6	70	16
		68	1	75	24(108)	20	20	64	64	1	67	25	76(251)

 HA= 82.3 HI= 29.5 GGW= 32.6 SL= 0.0 MAX(A,B,C,D)= 7.4 6.5 7.0 7.0

Main boom and fixed jib (jib angle 20.0 degrees)

Length of main boom = 84.0 ft Length of jib = 29.5 ft
 Main boom sequence = 0-0-0-0-45-100 % LK = 21
 Counterweight = 32.6 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
	1(0)		2(...)		3(90)		6(...)						
	A	B	C	D	A	B	C	D	A	B	C	D	
26.2	30.9	52	52	44	44	56	44	51	42(59)	55	41	54	43
		51	40	55	47(128)	44	44	53	53	40	51	47	55(232)
29.5	29.1	53	53	42	42	59	42	52	39(59)	57	37	56	41
		57	37	56	41(90)	41	41	54	54	37	57	41	56(270)
32.8	27.6	54	54	40	40	56	53	41	39(7)	60	34	58	38
		60	34	58	38(90)	39	39	55	55	34	60	38	58(270)
39.4	24.5	56	56	37	37	62	49	43	32(24)	63	29	60	34
		62	28	61	35(96)	36	36	57	57	28	62	35	62(263)
45.9	22.0	58	58	34	34	67	45	44	27(31)	67	24	63	30
		63	21	65	34(103)	32	32	60	60	21	63	34	66(256)
52.5	20.1	60	60	31	31	72	42	45	22(36)	70	19	66	27
		65	16	69	32(107)	30	30	62	62	16	64	32	69(252)
59.1	18.5	62	62	28	28	76	41	45	18(37)	74	15	69	23
		66	10	73	31(110)	27	27	63	63	10	66	31	73(249)
65.6	16.5	63	63	26	26	79	39	45	15(38)	76	11	70	21
		70	7	75	27(106)	24	24	65	65	7	69	28	75(253)
72.2	13.7	62	62	26	26	78	38	45	15(38)	75	11	69	20
		69	7	74	26(106)	24	24	64	64	6	68	27	74(253)

78.7	11.5	62	62	25	25	78	37	45	13(39)	75	10	69	19
		68	5	74	26(107)	23	23	64	64	5	67	27	74(252)
85.3	9.7	62	62	24	24	78	36	45	13(39)	75	8	69	19
		68	4	74	25(107)	22	22	64	64	4	67	26	74(252)
91.9	8.2	62	62	23	23	78	36	44	11(39)	75	7	69	18
		68	3	74	25(107)	21	21	64	64	3	67	25	75(252)
98.4	6.8	62	62	22	22	79	34	45	10(40)	76	6	70	17
		68	1	75	24(108)	20	20	64	64	1	67	25	75(251)

 HA= 84.0 HI= 29.5 GGW= 32.6 SL= 0.0 MAX(A,B,C,D)= 7.4 6.4 7.0 7.0

Main boom and fixed jib (jib angle 20.0 degrees)

Length of main boom = 96.5 ft Length of jib = 29.5 ft

Main boom sequence = 0-0-0-0-90-90 % LK = 28

Counterweight = 32.6 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.
	1(0)		2(...)		3(90)		6(...)		
	A	B C D	A B C D	A B C D	A B C D	A B C D			
29.5	30.0	54 54 42 42	60 42 52 38(59)	58 37 56 40					
		58 37 56 40(90)	41 41 55 55	37 58 40 56(270)					
32.8	28.9	56 56 40 40	59 52 43 37(14)	61 33 59 37					
		61 33 59 37(90)	39 39 56 56	33 61 37 59(270)					
39.4	26.9	59 59 36 36	67 47 45 30(29)	67 26 63 32					
		64 25 65 35(101)	35 35 60 60	24 64 35 65(258)					
45.9	25.1	62 62 32 32	74 43 47 23(36)	72 20 67 28					
		67 17 71 33(107)	31 31 63 63	17 66 33 71(252)					
52.5	23.4	64 64 28 28	79 41 47 18(38)	77 15 71 23					
		69 10 75 31(110)	27 27 65 65	10 68 32 75(249)					
59.1	19.8	64 64 27 27	80 40 46 16(38)	77 13 71 22					
		70 9 75 28(106)	26 26 65 65	8 70 28 75(253)					
65.6	16.5	63 63 26 26	79 39 45 15(38)	76 11 70 21					
		69 7 74 27(106)	24 24 65 65	7 69 28 75(253)					
72.2	13.9	62 62 25 25	79 37 45 14(39)	76 10 70 20					
		69 6 74 27(107)	24 24 64 64	6 68 27 75(252)					
78.7	11.7	62 62 25 25	78 37 45 13(39)	75 9 69 19					
		68 5 74 26(107)	23 23 64 64	5 68 26 74(252)					
85.3	9.7	62 62 24 24	78 36 45 13(39)	75 9 69 19					
		68 4 74 26(107)	22 22 64 64	4 67 26 74(252)					
91.9	8.2	62 62 24 24	78 36 44 12(39)	75 8 69 18					
		68 3 74 25(107)	21 21 64 64	3 67 25 74(252)					
98.4	6.8	62 62 23 23	78 35 44 11(39)	75 7 69 17					
		68 2 74 24(107)	21 21 64 64	2 67 25 75(252)					
105.0	5.7	62 62 22 22	79 34 44 10(40)	76 6 70 16					
		68 1 75 24(108)	20 20 64 64	0 67 24 75(251)					
111.5	4.6	62 62 21 21	80 34 44 9(40)	76 4 70 15					
		67 0 76 23(108)	19 19 64 64	0 67 23 76(251)					

 HA= 96.5 HI= 29.5 GGW= 32.6 SL= 0.0 MAX(A,B,C,D)= 7.4 6.5 7.0 7.1

Main boom and fixed jib (jib angle 20.0 degrees)

Length of main boom = 100.4 ft Length of jib = 29.5 ft

Main boom sequence = 0-0-0-0-100-100 % LK = 29

Counterweight = 32.6 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
	1(0)				2(...)					3(90)			
	4(...)				5(180)					6(...)			
A	B	C	D	A	B	C	D	A	B	C	D		
29.5	29.3	53	53	42	42	59	42	52	39(59)	58	37	56	41
		58	37	56	41(90)	41	41	54	54	37	58	41	56(270)
32.8	27.8	55	55	40	40	56	53	42	39(8)	60	34	58	38
		60	34	58	38(90)	39	39	56	56	34	60	38	58(270)
39.4	25.1	57	57	37	37	63	48	43	32(25)	64	28	61	34
		63	27	62	35(97)	35	35	58	58	27	63	35	62(262)
45.9	22.9	59	59	33	33	69	45	45	26(33)	68	23	64	30
		64	20	67	33(104)	32	32	60	60	20	64	34	67(255)
52.5	21.2	61	61	30	30	75	42	46	21(37)	72	18	67	26
		66	14	71	32(108)	29	29	63	63	14	66	32	71(251)
59.1	19.2	63	63	28	28	78	41	45	17(37)	75	14	69	22
		69	10	73	28(105)	26	26	64	64	10	69	28	74(254)
65.6	16.5	63	63	26	26	79	39	45	15(38)	76	12	70	21
		69	8	74	27(106)	25	25	65	65	7	69	28	75(253)
72.2	13.9	62	62	26	26	78	38	45	14(38)	75	11	70	20
		69	7	74	26(106)	24	24	64	64	6	68	27	74(253)
78.7	11.7	62	62	25	25	78	37	45	13(39)	75	10	69	19
		68	5	74	26(107)	23	23	64	64	5	68	27	74(252)
85.3	9.9	62	62	24	24	78	36	45	13(39)	75	8	69	19
		68	4	74	25(107)	22	22	64	64	4	67	26	74(252)
91.9	8.4	62	62	23	23	78	36	44	12(39)	75	7	70	18
		68	3	74	25(107)	21	21	64	64	3	67	25	75(252)
98.4	7.1	62	62	23	23	79	35	45	11(40)	76	6	70	17
		68	2	75	25(108)	21	21	64	64	2	67	25	75(251)
105.0	6.0	62	62	22	22	80	34	44	9(40)	76	5	70	16
		68	0	75	24(108)	20	20	64	64	0	67	24	76(251)
111.5	4.9	62	62	21	21	80	34	44	9(40)	77	4	70	15
		68	0	76	23(108)	19	19	64	64	0	67	23	77(251)

HA=100.4 HI= 29.5 GGW= 32.6 SL= 0.0 MAX(A,B,C,D)= 7.4 6.4 7.1 7.1

Main boom and fixed jib (jib angle 20.0 degrees)

Length of main boom = 110.2 ft Length of jib = 29.5 ft

Main boom sequence = 0-0-0-45-90-90 % LK = 36

Counterweight = 32.6 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
	1(0)				2(...)					3(90)			
	4(...)				5(180)					6(...)			
A	B	C	D	A	B	C	D	A	B	C	D		
32.8	29.3	56	56	39	39	60	52	43	36(17)	62	33	60	37
		62	33	60	37(90)	39	39	57	57	32	62	37	60(269)
39.4	27.6	60	60	35	35	69	47	45	28(31)	68	26	64	32
		65	23	66	35(102)	34	34	61	61	23	65	35	67(257)
45.9	25.8	63	63	31	31	76	42	47	22(38)	74	19	68	27
		67	15	72	33(108)	30	30	64	64	15	67	33	73(251)
52.5	24.0	65	65	28	28	81	41	47	17(38)	78	13	72	22
		72	9	76	28(106)	26	26	66	66	9	71	29	77(253)

59.1	19.6	64	64	27	27	80	40	46	16(38)	77	12	71	21
		71	8	75	28(106)	25	25	65	65	8	70	28	75(253)
65.6	16.1	63	63	26	26	78	39	45	15(38)	76	11	70	21
		69	7	74	27(106)	24	24	64	64	7	69	28	74(253)
72.2	13.4	62	62	25	25	78	38	45	14(38)	75	10	69	20
		69	6	74	26(106)	24	24	64	64	6	68	27	74(253)
78.7	11.2	62	62	25	25	78	37	45	13(39)	75	9	69	19
		68	5	74	26(107)	23	23	64	64	5	67	26	74(252)
85.3	9.5	62	62	24	24	78	36	45	12(39)	75	8	69	18
		68	4	74	25(107)	22	22	64	64	4	67	26	74(252)
91.9	7.9	62	62	23	23	78	36	44	11(39)	75	7	69	18
		68	3	74	25(107)	21	21	64	64	3	67	25	75(252)
98.4	6.6	62	62	23	23	79	34	45	11(40)	76	6	70	17
		67	2	75	24(108)	20	20	64	64	2	67	25	75(251)
105.0	5.5	62	62	22	22	80	34	44	9(40)	76	5	70	16
		68	0	75	24(108)	20	20	64	64	0	67	24	75(251)
111.5	4.4	62	62	21	21	80	34	44	9(40)	76	4	70	15
		67	0	76	23(108)	19	19	64	64	0	67	23	76(251)
118.1	3.3	61	61	21	21	79	33	44	9(40)	76	4	70	15
		67	0	76	22(108)	19	19	64	64	0	66	23	76(251)
124.7	2.4	61	61	21	21	80	33	44	8(40)	76	3	70	15
		66	0	77	21(108)	18	18	64	64	0	65	21	77(251)

 HA=110.2 HI= 29.5 GGW= 32.6 SL= 0.0 MAX(A,B,C,D)= 7.6 6.6 7.1 7.2

Main boom and fixed jib (jib angle 20.0 degrees)

Length of main boom = 114.5 ft Length of jib = 29.5 ft

Main boom sequence = 0-0-0-45-100-100 % LK = 37

Counterweight = 32.6 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.			
		1(0)		2(...)		3(90)		6(...)					
		A	B	C	D	A	B	C	D				
32.8	28.0	55	55	40	40	58	52	42	38(11)	60	34	58	38
		60	34	58	38(90)	39	39	56	56	34	60	38	58(270)
39.4	25.6	58	58	36	36	65	48	44	31(27)	65	27	62	33
		63	26	63	35(99)	35	35	59	59	26	63	35	63(260)
45.9	23.6	60	60	33	33	71	44	46	25(35)	70	22	65	28
		65	19	69	33(105)	32	32	61	61	19	65	33	69(254)
52.5	21.8	63	63	29	29	76	42	46	20(36)	74	16	69	24
		67	12	73	31(109)	28	28	64	64	12	67	32	73(250)
59.1	19.6	64	64	27	27	80	40	46	16(38)	77	13	71	22
		70	8	75	28(106)	26	26	65	65	8	70	28	75(253)
65.6	16.3	63	63	26	26	79	39	45	15(38)	76	11	70	21
		70	7	75	27(106)	24	24	65	65	7	69	27	75(253)
72.2	13.4	62	62	26	26	78	38	45	15(38)	75	11	69	20
		69	7	74	26(106)	24	24	64	64	6	68	27	74(253)
78.7	11.5	62	62	25	25	78	37	45	13(39)	76	9	70	19
		68	5	74	26(107)	23	23	64	64	5	68	26	75(252)
85.3	9.5	62	62	24	24	78	36	45	13(39)	75	9	69	19
		68	4	74	25(107)	22	22	64	64	4	67	26	74(252)
91.9	7.9	62	62	23	23	78	36	44	12(39)	75	7	69	18
		68	3	74	25(107)	21	21	64	64	3	67	25	74(252)

98.4	6.6	61	61	23	23	78	35	44	11(39)	75	7	69	17
		68	2	74	24(107)	21	21	64	64	2	67	25	75(252)
105.0	5.5	62	62	22	22	79	34	44	10(40)	76	6	70	16
		68	1	75	24(108)	20	20	64	64	1	67	24	75(251)
111.5	4.4	62	62	22	22	79	34	44	9(40)	76	5	70	16
		67	0	75	24(108)	19	19	64	64	0	67	24	75(251)
118.1	3.5	62	62	21	21	80	33	44	8(40)	76	4	70	15
		67	0	77	22(108)	19	19	64	64	0	66	22	77(251)
124.7	2.4	61	61	21	21	79	33	44	8(40)	76	4	70	15
		66	0	76	22(108)	18	18	64	64	0	65	22	76(251)

HA=114.5 HI= 29.5 GGW= 32.6 SL= 0.0 MAX(A,B,C,D)= 7.4 6.5 7.1 7.1

Main boom and fixed jib (jib angle 20.0 degrees)

Length of main boom = 124.3 ft Length of jib = 29.5 ft

Main boom sequence = 0-0-0-90-90-90 % LK = 45

Counterweight = 32.6 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
	1(0)		2(...)		3(90)		6(...)						
	A	B	C	D	A	B	C	D					
39.4	27.6	60	60	35	35	69	46	46	28(32)	69	25	64	31
		65	23	67	35(103)	34	34	61	61	23	65	35	67(256)
45.9	26.0	63	63	31	31	77	42	48	21(38)	75	18	69	26
		68	15	73	33(109)	30	30	64	64	14	67	33	73(250)
52.5	23.8	65	65	28	28	82	40	48	16(39)	79	13	72	22
		71	9	77	29(107)	26	26	67	67	9	71	29	77(252)
59.1	19.4	64	64	27	27	80	40	46	15(38)	77	12	71	21
		71	8	75	28(106)	25	25	65	65	8	70	28	75(253)
65.6	15.9	63	63	26	26	79	39	45	15(38)	76	11	70	21
		69	7	74	27(106)	24	24	65	65	7	69	27	75(253)
72.2	13.2	62	62	25	25	79	37	45	14(39)	76	10	70	20
		69	6	74	27(107)	23	23	64	64	6	68	27	75(252)
78.7	11.0	62	62	24	24	78	37	45	13(39)	75	9	69	19
		68	5	74	26(107)	22	22	64	64	5	68	26	74(252)
85.3	9.3	62	62	24	24	78	36	45	12(39)	75	8	70	18
		68	4	74	25(107)	22	22	64	64	4	68	26	75(252)
91.9	7.7	62	62	23	23	79	35	44	11(39)	76	7	70	17
		68	3	75	24(107)	21	21	64	64	2	68	25	75(252)
98.4	6.4	62	62	22	22	79	34	45	10(40)	76	6	70	17
		68	1	75	24(108)	20	20	64	64	1	67	25	75(251)
105.0	5.3	62	62	22	22	80	34	44	9(40)	76	5	70	16
		68	0	75	24(108)	19	19	64	64	0	67	24	76(251)
111.5	4.2	62	62	21	21	80	34	44	9(40)	76	4	70	15
		67	0	76	22(108)	19	19	64	64	0	67	23	77(251)
118.1	3.1	61	61	21	21	80	33	44	8(40)	76	4	70	15
		67	0	76	22(108)	19	19	64	64	0	66	22	77(251)

HA=124.3 HI= 29.5 GGW= 32.6 SL= 0.0 MAX(A,B,C,D)= 7.6 6.6 7.1 7.1

Main boom and fixed jib (jib angle 20.0 degrees)

Length of main boom = 130.9 ft Length of jib = 29.5 ft

Main boom sequence = 0-0-0-100-100-100 % LK = 46

Counterweight = 32.6 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]								(Pos.[Degrees])				0-360 Degr.
	1(0)				2(...)				3(90)				
	4(...)				5(180)				6(...)				
A	B	C	D	A	B	C	D	A	B	C	D		
39.4	25.6	58	58	36	36	66	47	44	30(28)	66	27	62	33
		63	25	64	35(100)	35	35	59	59	25	63	35	64(259)
45.9	23.6	61	61	32	32	72	44	46	24(35)	71	21	66	28
		65	18	69	33(106)	31	31	62	62	18	65	33	69(253)
52.5	22.0	63	63	29	29	78	42	46	19(37)	75	15	69	24
		67	11	74	31(110)	28	28	64	64	11	67	32	74(249)
59.1	19.4	64	64	27	27	80	40	46	16(38)	77	12	71	21
		71	8	75	28(106)	25	25	65	65	8	70	28	75(253)
65.6	15.9	63	63	26	26	79	39	45	15(38)	76	11	70	21
		69	7	74	27(106)	24	24	65	65	7	69	27	75(253)
72.2	13.2	62	62	25	25	78	37	45	14(39)	76	10	70	20
		69	6	74	27(107)	23	23	64	64	6	68	27	75(252)
78.7	11.0	62	62	25	25	78	37	45	13(39)	75	9	69	19
		68	5	74	26(107)	22	22	64	64	5	68	26	74(252)
85.3	9.3	62	62	24	24	78	36	45	12(39)	75	8	69	18
		68	4	74	25(107)	22	22	64	64	4	68	26	75(252)
91.9	7.7	62	62	23	23	79	35	44	11(39)	75	7	70	17
		68	3	75	24(107)	21	21	64	64	2	67	25	75(252)
98.4	6.4	62	62	22	22	79	34	45	10(40)	76	6	70	17
		68	2	75	24(108)	20	20	64	64	1	67	25	75(251)
105.0	5.3	62	62	22	22	80	34	44	9(40)	76	5	70	16
		68	0	75	24(108)	19	19	64	64	0	67	24	76(251)
111.5	4.2	62	62	21	21	80	34	44	9(40)	76	4	70	15
		67	0	76	23(108)	19	19	64	64	0	67	23	76(251)
118.1	3.1	61	61	21	21	79	33	44	9(40)	76	4	70	15
		67	0	76	22(108)	19	19	64	64	0	66	23	76(251)

HA=130.9 HI= 29.5 GGW= 32.6 SL= 0.0 MAX(A,B,C,D)= 7.4 6.5 7.0 7.1

Main boom and fixed jib (jib angle 20.0 degrees)

Length of main boom = 138.1 ft Length of jib = 29.5 ft

Main boom sequence = 0-0-45-90-90-90 % LK = 54

Counterweight = 32.6 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]								(Pos.[Degrees])				0-360 Degr.
	1(0)				2(...)				3(90)				
	4(...)				5(180)				6(...)				
A	B	C	D	A	B	C	D	A	B	C	D		
45.9	26.2	64	64	30	30	79	42	48	20(39)	76	17	70	25
		68	13	75	32(110)	29	29	65	65	13	68	33	75(249)
52.5	22.9	65	65	28	28	81	41	47	16(38)	78	13	72	22
		72	9	76	28(106)	26	26	66	66	9	71	29	76(253)
59.1	18.7	64	64	26	26	80	39	47	15(39)	77	12	71	21
		70	7	75	28(107)	25	25	65	65	7	69	28	76(252)
65.6	15.4	63	63	26	26	79	38	46	14(39)	77	11	70	20
		69	6	75	27(107)	24	24	65	65	6	69	27	75(252)
72.2	12.6	62	62	25	25	78	37	45	14(39)	76	10	70	20
		68	6	74	26(107)	23	23	64	64	6	68	27	75(252)

78.7	10.4	62	62	24	24	78	37	45	13(39)	75	9	69	19
		68	4	74	26(107)	22	22	64	64	4	68	26	74(252)
85.3	8.6	62	62	24	24	78	36	44	12(39)	75	8	69	18
		68	3	74	25(107)	21	21	64	64	3	67	25	75(252)
91.9	7.1	62	62	23	23	79	35	44	11(39)	76	7	70	17
		68	2	75	24(107)	21	21	64	64	2	67	25	75(252)
98.4	6.0	62	62	22	22	80	34	44	9(40)	77	5	70	16
		68	0	76	24(108)	20	20	64	64	0	68	24	76(251)
105.0	4.6	62	62	22	22	80	34	44	9(40)	76	5	70	16
		68	0	76	23(108)	19	19	64	64	0	67	24	76(251)
111.5	3.3	61	61	21	21	79	34	44	9(40)	76	5	70	16
		67	0	75	23(108)	19	19	64	64	0	66	24	75(251)
118.1	2.4	61	61	21	21	80	33	44	8(40)	76	4	70	15
		66	0	77	22(108)	18	18	64	64	0	65	22	77(251)

HA=138.1 HI= 29.5 GGW= 32.6 SL= 0.0 MAX(A,B,C,D)= 7.5 6.6 7.1 7.1

Main boom and fixed jib (jib angle 20.0 degrees)

Length of main boom = 145.0 ft Length of jib = 29.5 ft
 Main boom sequence = 0-0-45-100-100-100 % LK = 55
 Counterweight = 32.6 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
	1(0)		2(...)		3(90)		6(...)						
	A	B	C	D	A	B	C	D					
45.9	23.8	61	61	32	32	74	43	46	23(36)	72	20	67	27
		66	17	71	33(107)	30	30	62	62	17	66	33	71(252)
52.5	22.3	64	64	28	28	79	41	47	17(38)	77	14	71	23
		68	9	76	31(111)	27	27	65	65	9	67	32	76(248)
59.1	18.7	64	64	26	26	80	40	46	15(38)	77	12	71	21
		70	8	75	27(106)	25	25	65	65	8	70	28	75(253)
65.6	15.4	63	63	26	26	79	38	46	14(39)	76	11	70	20
		69	6	75	27(107)	24	24	65	65	6	69	28	75(252)
72.2	12.8	63	63	25	25	79	37	45	13(39)	76	9	70	19
		69	5	75	26(107)	23	23	64	64	5	68	27	75(252)
78.7	10.6	62	62	24	24	79	37	45	13(39)	76	9	70	19
		69	4	75	26(107)	22	22	64	64	4	68	26	75(252)
85.3	8.6	62	62	24	24	78	36	44	12(39)	75	8	69	18
		68	4	74	25(107)	21	21	64	64	3	67	26	74(252)
91.9	7.3	62	62	23	23	80	35	45	10(40)	76	6	70	17
		68	2	75	24(108)	21	21	64	64	1	67	25	75(251)
98.4	6.0	62	62	22	22	80	34	44	9(40)	76	5	70	16
		68	0	75	24(108)	20	20	64	64	0	67	24	76(251)
105.0	4.6	62	62	22	22	80	34	44	9(40)	76	5	70	16
		68	0	75	24(108)	19	19	64	64	0	67	24	76(251)
111.5	3.5	62	62	21	21	80	33	44	9(40)	76	4	70	15
		67	0	76	22(108)	19	19	64	64	0	66	23	77(251)
118.1	2.4	61	61	21	21	79	33	44	8(40)	76	4	70	15
		66	0	76	22(108)	19	19	64	64	0	66	22	76(251)

HA=145.0 HI= 29.5 GGW= 32.6 SL= 0.0 MAX(A,B,C,D)= 7.4 6.5 7.1 7.1

Main boom and fixed jib (jib angle 20.0 degrees)

Length of main boom = 152.2 ft Length of jib = 29.5 ft
 Main boom sequence = 0-0-90-90-90-90 % LK = 62
 Counterweight = 32.6 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]								(Pos.[Degrees])				0-360 Degr.				
		1(0)				2(...)				3(90)								
		4(...)				5(180)				6(...)								
A	B	C	D	A	B	C	D	A	B	C	D							
45.9	26.0	64	64	30	30	79	43	47	20	(37)	77	17	70	25				
		69	12	75	32(110)	29	29	65	65		12	68	33	75(249)				
52.5	21.2	63	63	28	28	78	41	46	18	(37)	76	15	70	23				
		68	10	75	31(110)	27	27	65	65		10	67	31	75(249)				
59.1	17.6	63	63	27	27	79	39	46	16	(38)	76	12	70	22				
		69	8	74	28(106)	25	25	65	65		8	69	28	74(253)				
65.6	14.6	63	63	26	26	78	39	45	15	(38)	76	11	70	20				
		69	7	74	27(106)	24	24	64	64		7	69	27	74(253)				
72.2	12.1	62	62	25	25	79	37	45	13	(39)	76	9	70	19				
		69	5	75	26(107)	23	23	64	64		5	68	26	75(252)				
78.7	9.9	62	62	24	24	79	36	45	12	(39)	76	8	70	18				
		68	4	75	25(107)	22	22	64	64		4	68	26	75(252)				
85.3	8.2	62	62	23	23	79	36	44	11	(39)	76	7	70	17				
		68	3	75	25(107)	21	21	64	64		2	68	25	75(252)				
91.9	6.4	61	61	23	23	78	35	44	11	(39)	75	7	69	17				
		68	2	74	24(107)	21	21	64	64		2	67	25	75(252)				
98.4	5.1	61	61	22	22	79	34	44	10	(40)	75	6	70	16				
		67	1	75	24(108)	20	20	64	64		1	67	24	75(251)				
105.0	4.0	62	62	21	21	80	34	44	9	(40)	76	5	70	15				
		67	0	75	23(108)	19	19	64	64		0	67	24	76(251)				
111.5	2.9	61	61	21	21	80	33	44	8	(40)	76	4	70	15				
		67	0	76	22(108)	19	19	64	64		0	66	22	77(251)				

HA=152.2 HI= 29.5 GGW= 32.6 SL= 0.0 MAX(A,B,C,D)= 7.4 6.4 7.1 7.1

Main boom and fixed jib (jib angle 20.0 degrees)

Length of main boom = 161.4 ft Length of jib = 29.5 ft
 Main boom sequence = 0-0-100-100-100-100 % LK = 63
 Counterweight = 32.6 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]								(Pos.[Degrees])				0-360 Degr.				
		1(0)				2(...)				3(90)								
		4(...)				5(180)				6(...)								
A	B	C	D	A	B	C	D	A	B	C	D							
52.5	20.7	63	63	28	28	77	41	46	18	(37)	75	15	69	24				
		67	11	74	31(110)	27	27	64	64		11	67	32	74(249)				
59.1	17.0	62	62	27	27	77	40	45	17	(37)	75	13	69	22				
		69	10	73	28(105)	26	26	64	64		9	68	28	73(254)				
65.6	14.1	62	62	26	26	77	39	45	15	(38)	75	11	69	21				
		68	7	73	27(106)	24	24	64	64		7	68	27	73(253)				
72.2	11.7	62	62	25	25	78	38	45	14	(38)	75	10	69	20				
		68	6	73	26(106)	23	23	64	64		6	68	26	74(253)				
78.7	9.5	61	61	24	24	78	36	45	13	(39)	75	9	69	19				
		67	5	73	26(107)	22	22	63	63		5	67	26	74(252)				
85.3	7.7	61	61	24	24	78	36	44	12	(39)	75	8	69	18				
		67	4	74	25(107)	22	22	63	63		4	67	26	74(252)				

91.9	6.2	61	61	23	23	78	35	44	11(39)	75	7	69	17
		67	3	74	24(107)	21	21	63	63	2	67	25	74(252)
98.4	4.9	61	61	22	22	78	35	43	11(39)	75	6	69	17
		67	2	74	24(107)	20	20	63	63	2	67	24	74(252)
105.0	3.7	61	61	22	22	79	34	44	9(40)	75	5	69	16
		67	0	75	24(108)	19	19	63	63	0	67	24	75(251)
111.5	2.6	61	61	21	21	79	33	44	9(40)	75	4	69	15
		67	0	75	23(108)	19	19	63	63	0	66	23	75(251)

 HA=161.4 HI= 29.5 GGW= 32.6 SL= 0.0 MAX(A,B,C,D)= 7.3 6.3 7.0 7.0

Main boom and fixed jib (jib angle 20.0 degrees)
 Length of main boom = 166.0 ft Length of jib = 29.5 ft
 Main boom sequence = 0-45-90-90-90-90 % LK = 68
 Counterweight = 32.6 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
	1(0)		2(...)		3(90)		6(...)						
	A	B	C	D	A	B	C	D	A	B	C	D	
52.5	19.4	62	62	29	29	76	41	45	19(36)	74	15	68	24
		67	11	73	31(109)	27	27	63	63	11	66	31	73(250)
59.1	15.9	62	62	27	27	76	40	45	17(37)	74	13	68	22
		68	10	72	28(105)	26	26	63	63	10	68	28	73(254)
65.6	12.8	61	61	26	26	76	39	44	16(37)	74	12	68	21
		68	8	72	27(105)	24	24	63	63	8	67	27	72(254)
72.2	10.4	61	61	25	25	76	37	44	15(38)	74	11	68	20
		67	7	72	26(106)	23	23	63	63	7	67	27	73(253)
78.7	8.4	61	61	24	24	77	37	44	13(38)	74	9	68	19
		67	5	73	25(106)	22	22	63	63	5	67	26	73(253)
85.3	6.6	61	61	24	24	77	35	44	12(39)	74	8	68	18
		67	4	73	25(107)	22	22	63	63	4	66	26	73(252)
91.9	5.1	60	60	23	23	77	35	44	12(39)	74	7	68	18
		67	3	73	24(107)	21	21	63	63	3	66	25	73(252)
98.4	3.7	60	60	22	22	77	35	43	11(39)	74	6	69	17
		67	2	73	24(107)	20	20	63	63	2	66	24	73(252)
105.0	2.6	60	60	22	22	78	34	43	10(39)	75	5	69	16
		67	1	74	23(107)	19	19	63	63	1	66	24	74(252)

 HA=166.0 HI= 29.5 GGW= 32.6 SL= 0.0 MAX(A,B,C,D)= 7.2 6.3 6.8 6.9

Main boom and fixed jib (jib angle 20.0 degrees)
 Length of main boom = 175.5 ft Length of jib = 29.5 ft
 Main boom sequence = 0-45-100-100-100-100 % LK = 69
 Counterweight = 32.6 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
	1(0)		2(...)		3(90)		6(...)						
	A	B	C	D	A	B	C	D	A	B	C	D	
52.5	18.7	61	61	29	29	75	41	45	20(36)	73	16	67	24
		66	12	72	31(109)	28	28	63	63	12	65	32	72(250)
59.1	15.4	61	61	28	28	75	40	45	18(37)	73	14	68	23
		65	10	72	30(110)	26	26	63	63	10	65	31	73(249)

65.6	12.6	61	61	27	27	75	39	44	16(37)	73	12	68	22
		67	9	72	27(105)	25	25	63	63	9	67	27	72(254)
72.2	10.1	60	60	26	26	76	37	44	15(38)	73	11	68	21
		67	7	72	26(106)	24	24	63	63	7	66	27	72(253)
78.7	8.2	60	60	25	25	76	37	44	14(38)	73	10	68	20
		67	6	72	26(106)	23	23	63	63	6	66	26	72(253)
85.3	6.4	60	60	24	24	76	36	43	13(38)	73	9	68	19
		67	5	72	25(106)	22	22	62	62	5	66	25	72(253)
91.9	4.9	60	60	24	24	76	35	43	12(39)	73	8	68	18
		66	4	73	25(107)	21	21	62	62	4	65	25	73(252)
98.4	3.5	60	60	23	23	76	35	43	11(39)	73	7	68	17
		66	3	73	24(107)	21	21	62	62	3	65	25	73(252)
105.0	2.4	60	60	22	22	77	34	43	11(39)	74	6	68	17
		66	2	73	24(107)	20	20	63	63	2	66	24	73(252)

HA=175.5 HI= 29.5 GGW= 32.6 SL= 0.0 MAX(A,B,C,D)= 7.1 6.2 6.8 6.8

Main boom and fixed jib (jib angle 20.0 degrees)

Length of main boom = 180.1 ft Length of jib = 29.5 ft
Main boom sequence = 0-90-90-90-90-90 % LK = 73
Counterweight = 32.6 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.			
		1(0)		2(...)		3(90)		6(...)					
		4(...)		5(180)		6(...)							
		A	B	C	D	A	B	C	D	A	B	C	D
59.1	14.1	60	60	28	28	74	40	44	18(36)	72	15	67	23
		65	11	71	30(109)	26	26	62	62	11	64	30	71(250)
65.6	11.2	60	60	27	27	74	39	44	17(37)	72	13	67	22
		66	9	71	27(105)	25	25	62	62	9	66	28	71(254)
72.2	9.0	60	60	26	26	75	38	43	15(37)	72	11	67	21
		66	8	71	26(105)	24	24	62	62	7	66	27	71(254)
78.7	7.1	60	60	25	25	75	37	43	14(38)	72	10	67	20
		66	6	71	26(106)	23	23	62	62	6	65	26	71(253)
85.3	5.3	60	60	24	24	75	36	43	13(38)	72	9	67	19
		66	5	71	25(106)	22	22	62	62	5	65	26	71(253)
91.9	3.7	59	59	24	24	75	35	43	13(38)	72	8	67	18
		66	4	71	24(106)	21	21	62	62	4	65	25	72(253)
98.4	2.4	59	59	23	23	75	35	42	12(38)	72	7	67	18
		66	3	71	24(106)	21	21	62	62	3	65	24	72(253)

HA=180.1 HI= 29.5 GGW= 32.6 SL= 0.0 MAX(A,B,C,D)= 7.0 6.1 6.6 6.7

Main boom and fixed jib (jib angle 20.0 degrees)

Length of main boom = 191.9 ft Length of jib = 29.5 ft
Main boom sequence = 0-100-100-100-100-100 % LK = 74
Counterweight = 32.6 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.			
		1(0)		2(...)		3(90)		6(...)					
		4(...)		5(180)		6(...)							
		A	B	C	D	A	B	C	D	A	B	C	D
59.1	13.4	60	60	28	28	72	41	43	19(35)	71	15	66	24
		64	12	70	30(108)	27	27	61	61	11	64	30	70(251)

65.6 10.8 59 59 27 27 73 39 43 18(36) 71 14 66 22
 64 10 71 29(109) 25 25 61 61 9 63 30 71(250)
 72.2 8.6 59 59 26 26 74 38 43 16(37) 71 12 66 21
 66 8 70 26(105) 24 24 62 62 8 65 27 70(254)
 78.7 6.6 59 59 25 25 74 37 43 15(37) 71 11 66 20
 66 7 70 26(105) 23 23 61 61 7 65 26 71(254)
 85.3 4.9 59 59 25 25 74 37 43 14(37) 71 10 66 20
 65 6 70 25(105) 22 22 61 61 6 65 26 71(254)
 91.9 3.3 59 59 24 24 74 35 43 14(38) 71 9 66 19
 65 5 70 25(106) 22 22 61 61 5 64 25 71(253)

 HA=191.9 HI= 29.5 GGW= 32.6 SL= 0.0 MAX(A,B,C,D)= 6.8 6.1 6.6 6.6

Main boom and fixed jib (jib angle 20.0 degrees)

Length of main boom = 193.9 ft Length of jib = 29.5 ft
 Main boom sequence = 45-90-90-90-90-90 % LK = 76
 Counterweight = 32.6 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.			
	1(0)		2(...)		3(90)		6(...)					
	A	B	C	D	A	B	C	D	A	B	C	D
59.1 12.1	59	59	28	28	71	40	43	20(35)	70	16	65	24
	63	12	69	30(108)	26	26	61	61	12	63	30	69(251)
65.6 9.5	59	59	27	27	72	39	43	18(36)	70	14	65	22
	63	10	70	29(109)	25	25	61	61	10	63	30	70(250)
72.2 7.3	58	58	26	26	72	38	43	17(36)	70	12	66	21
	65	9	69	26(104)	24	24	61	61	9	65	27	69(255)
78.7 5.3	58	58	25	25	73	37	43	15(37)	70	11	66	21
	65	7	69	26(105)	23	23	61	61	7	64	26	70(254)
85.3 3.5	58	58	25	25	73	36	42	15(37)	70	10	65	20
	65	7	69	25(105)	22	22	60	60	6	64	26	69(254)

 HA=193.9 HI= 29.5 GGW= 32.6 SL= 0.0 MAX(A,B,C,D)= 6.7 6.0 6.5 6.5

HA=193.9 HI= 29.5 GGW= 32.6 SL= 0.0 MAX(A,B,C,D)= 0.0 0.0 0.0 0.0

HA=193.9 HI= 29.5 GGW= 32.6 SL= 0.0 MAX(A,B,C,D)= 0.0 0.0 0.0 0.0

HA=193.9 HI= 29.5 GGW= 32.6 SL= 0.0 MAX(A,B,C,D)= 0.0 0.0 0.0 0.0

Programm L A M O S 9 9 Version 1.08 vom 29.09.02

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Eingabedatei: ilam.dat

Festdatei : /berechnung/tabellen/zentraledaten/lamosfd-ac/200-1.99dat

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H

DEMAG Mobile Cranes

O U T R I G G E R - L O A D I N G S

(Variance = +-10%)

PSI= 1.00

Crane : *** AC 200-1 *** mit HKHI fuer GA und MS

Outrigger width	=	18.7 ft	Outrigger length	=	27.7 ft
Outrigger "A" X	=	12.0 ft	Outrigger "A" Y	=	9.4 ft
Outrigger "B" X	=	12.0 ft	Outrigger "B" Y	=	-9.4 ft
Outrigger "C" X	=	-15.7 ft	Outrigger "C" Y	=	9.4 ft
Outrigger "D" X	=	-15.7 ft	Outrigger "D" Y	=	-9.4 ft

Main boom and fixed jib (jib angle 40.0 degrees)
 Length of main boom = 40.7 ft Length of jib = 29.5 ft
 Main boom sequence = 0-0-0-0-0-0 % LK = 1
 Counterweight = 32.6 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.					
		1(0)				2(...)					3(90)				
		4(...)				5(180)				6(...)					
		A	B	C	D	A	B	C	D	A	B	C	D		
23.0	22.7	42	42	50	50	39	49	45	52	(59)	40	51	43	51	
		43	52	41	48	(128)	49	49	43	43		52	43	48	41
26.2	21.6	44	44	48	48		43	47	46	49	(59)	43	47	45	48
		44	48	44	47	(128)	47	47	45	45		48	44	47	44
29.5	20.7	45	45	46	46		46	45	47	45	(59)	46	44	47	46
		45	44	47	46	(127)	44	44	47	47		44	45	46	47
32.8	20.1	47	47	44	44		50	43	48	42	(59)	49	41	49	43
		47	40	50	45	(128)	42	42	49	49		40	47	45	50
39.4	18.7	51	51	40	40		57	39	50	36	(59)	55	34	54	38
		55	34	54	38	(90)	38	38	52	52		34	55	38	54
45.9	17.6	54	54	36	36		60	47	41	31	(23)	61	27	58	33
		60	26	59	34	(95)	34	34	56	56		26	60	34	60

HA= 40.7 HI= 29.5 GGW= 32.6 SL= 0.0 MAX(A,B,C,D)= 5.7 5.6 5.5 5.5

Main boom and fixed jib (jib angle 40.0 degrees)
 Length of main boom = 54.5 ft Length of jib = 29.5 ft
 Main boom sequence = 0-0-0-0-0-45 % LK = 7
 Counterweight = 32.6 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.					
		1(0)				2(...)					3(90)				
		4(...)				5(180)				6(...)					
		A	B	C	D	A	B	C	D	A	B	C	D		
26.2	22.3	44	44	48	48		43	47	46	49	(59)	43	48	45	49
		44	48	44	47	(128)	47	47	45	45		48	44	47	44
29.5	21.4	46	46	46	46		46	45	47	46	(59)	46	45	47	46
		45	44	47	46	(127)	45	45	47	47		44	45	46	47
32.8	20.7	47	47	44	44		49	43	48	43	(59)	49	41	49	43
		47	41	50	45	(128)	43	43	49	49		41	47	45	50
39.4	19.4	50	50	40	40		56	39	49	37	(59)	54	35	53	39
		54	35	53	39	(90)	39	39	52	52		35	54	39	53
45.9	18.5	54	54	36	36		59	48	41	33	(20)	60	28	58	34
		60	28	58	34	(92)	35	35	55	55		28	60	34	58
52.5	17.6	57	57	33	33		67	43	43	26	(32)	66	22	62	29
		62	20	65	32	(103)	31	31	58	58		20	62	33	65
59.1	17.4	61	61	29	29		75	41	45	19	(36)	73	15	67	24
		65	11	72	30	(109)	27	27	63	63		11	65	31	72

 HA= 54.5 HI= 29.5 GGW= 32.6 SL= 0.0 MAX(A,B,C,D)= 6.9 6.0 6.7 6.7

Main boom and fixed jib (jib angle 40.0 degrees)
 Length of main boom = 68.6 ft Length of jib = 29.5 ft
 Main boom sequence = 0-0-0-0-0-90 % LK = 13
 Counterweight = 32.6 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
		1(0)		2(...)		3(90)		4(...)						
		A	B	C	D	A	B	C	D		A	B	C	D
29.5	21.8	46	46	46	46	46	45	47	46(59)	46	45	47	46	
		45	45	47	47(127)	45	45	47	47	45	45	47	47(232)	
32.8	21.2	47	47	44	44	49	43	48	43(59)	49	41	49	44	
		47	41	50	46(128)	43	43	49	49	41	47	46	50(232)	
39.4	20.1	50	50	41	41	56	39	49	37(59)	54	35	53	39	
		54	35	53	39(90)	39	39	52	52	35	54	39	53(270)	
45.9	19.2	54	54	37	37	58	48	41	34(19)	60	29	58	34	
		60	29	58	34(91)	35	35	55	55	29	60	35	58(268)	
52.5	18.3	57	57	33	33	66	44	43	27(31)	65	23	62	30	
		62	21	64	33(102)	32	32	58	58	21	62	33	64(257)	
59.1	17.6	60	60	30	30	73	41	45	21(37)	71	17	66	25	
		65	14	70	31(108)	28	28	62	62	14	64	32	70(251)	
65.6	16.8	63	63	26	26	78	39	45	16(38)	76	12	70	21	
		69	8	74	27(106)	25	25	64	64	8	69	28	74(253)	
72.2	13.9	62	62	26	26	78	38	45	14(38)	75	11	69	20	
		69	7	74	26(106)	24	24	64	64	6	68	27	74(253)	

 HA= 68.6 HI= 29.5 GGW= 32.6 SL= 0.0 MAX(A,B,C,D)= 7.3 6.4 6.9 6.9

Main boom and fixed jib (jib angle 40.0 degrees)
 Length of main boom = 70.2 ft Length of jib = 29.5 ft
 Main boom sequence = 0-0-0-0-0-100 % LK = 14
 Counterweight = 32.6 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
		1(0)		2(...)		3(90)		4(...)						
		A	B	C	D	A	B	C	D		A	B	C	D
29.5	21.8	46	46	46	46	46	45	47	46(59)	46	45	47	46	
		45	45	47	47(127)	45	45	47	47	45	45	47	47(232)	
32.8	21.2	47	47	44	44	49	43	48	43(59)	49	42	49	44	
		47	41	50	46(128)	43	43	49	49	41	47	46	50(232)	
39.4	20.1	50	50	41	41	56	40	49	37(59)	54	35	53	39	
		54	35	53	39(90)	39	39	52	52	35	54	39	53(270)	
45.9	19.2	54	54	37	37	58	49	41	34(18)	60	29	58	34	
		60	29	58	35(91)	35	35	55	55	29	60	35	58(268)	
52.5	17.9	56	56	34	34	64	45	43	28(29)	64	24	61	30	
		62	22	63	33(101)	32	32	58	58	22	61	33	63(258)	
59.1	16.3	58	58	31	31	69	42	44	23(35)	68	20	64	27	
		63	17	67	31(105)	29	29	60	60	17	63	32	67(254)	
65.6	15.2	60	60	28	28	74	40	44	19(36)	72	15	67	23	
		65	11	71	30(109)	26	26	62	62	11	64	30	71(250)	

72.2 13.9 62 62 26 26 78 38 45 15(38) 75 11 69 20
 69 7 74 27(106) 24 24 64 64 7 68 27 74(253)

HA= 70.2 HI= 29.5 GGW= 32.6 SL= 0.0 MAX(A,B,C,D)= 7.2 6.3 6.8 6.9

Main boom and fixed jib (jib angle 40.0 degrees)

Length of main boom = 82.3 ft Length of jib = 29.5 ft

Main boom sequence = 0-0-0-0-45-90 % LK = 20

Counterweight = 32.6 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.			
	1(0)				2(...)							
	3(90)				4(...)							
	A	B	C	D	A	B	C	D	A	B	C	D
32.8 21.6	48	48	44	44	50	43	48	43(59)	49	41	49	44
	47	41	50	46(128)	43	43	49	49	41	47	46	50(232)
39.4 20.5	51	51	40	40	56	39	50	37(59)	55	35	54	39
	55	35	54	39(90)	39	39	52	52	35	55	39	54(270)
45.9 19.6	54	54	37	37	59	48	41	33(20)	60	29	58	34
	60	29	58	34(92)	35	35	55	55	28	60	35	58(267)
52.5 18.7	57	57	33	33	66	44	43	27(31)	66	23	62	30
	63	21	64	33(102)	32	32	59	59	21	62	33	65(257)
59.1 18.3	60	60	30	30	74	41	45	20(37)	72	17	67	25
	65	13	71	31(108)	28	28	62	62	13	65	32	71(251)
65.6 17.2	63	63	27	27	78	39	46	16(38)	76	12	70	21
	69	8	74	27(106)	25	25	65	65	8	69	28	74(253)
72.2 14.3	62	62	26	26	78	38	45	15(38)	75	11	69	20
	69	7	74	27(106)	24	24	64	64	7	68	27	74(253)
78.7 11.9	62	62	25	25	78	37	45	14(39)	75	10	69	20
	68	6	74	26(107)	23	23	64	64	5	67	27	74(252)
85.3 9.9	62	62	24	24	78	36	45	13(39)	75	9	69	19
	68	4	74	26(107)	22	22	64	64	4	67	26	74(252)

HA= 82.3 HI= 29.5 GGW= 32.6 SL= 0.0 MAX(A,B,C,D)= 7.3 6.4 6.9 6.9

Main boom and fixed jib (jib angle 40.0 degrees)

Length of main boom = 84.0 ft Length of jib = 29.5 ft

Main boom sequence = 0-0-0-0-45-100 % LK = 21

Counterweight = 32.6 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.			
	1(0)				2(...)							
	3(90)				4(...)							
	A	B	C	D	A	B	C	D	A	B	C	D
32.8 21.6	47	47	44	44	50	43	48	43(59)	49	41	49	44
	47	41	50	46(128)	43	43	49	49	41	47	46	50(232)
39.4 20.5	51	51	41	41	56	39	50	37(59)	55	35	54	39
	55	35	54	39(90)	39	39	52	52	35	55	39	54(270)
45.9 19.6	54	54	37	37	58	48	41	34(19)	60	29	58	34
	60	29	58	35(92)	35	35	55	55	29	60	35	58(267)
52.5 18.5	57	57	34	34	65	45	43	27(30)	65	24	62	30
	62	21	64	33(102)	32	32	58	58	21	62	33	64(257)
59.1 17.6	60	60	30	30	72	41	45	22(36)	70	18	65	26
	64	15	69	31(107)	29	29	61	61	15	64	32	69(252)

65.6 16.3 62 62 28 28 76 40 45 17(37) 74 14 68 22
 66 9 73 30(110) 26 26 63 63 9 65 30 73(249)
 72.2 14.3 62 62 26 26 78 38 45 15(38) 75 11 69 21
 69 7 74 27(106) 24 24 64 64 7 68 27 74(253)
 78.7 11.9 62 62 25 25 78 38 44 14(38) 75 10 69 20
 68 6 73 26(106) 23 23 64 64 6 68 26 74(253)
 85.3 9.9 62 62 24 24 78 36 45 13(39) 75 9 69 19
 68 5 74 26(107) 22 22 63 63 4 67 26 74(252)

 HA= 84.0 HI= 29.5 GGW= 32.6 SL= 0.0 MAX(A,B,C,D)= 7.2 6.3 6.8 6.9

Main boom and fixed jib (jib angle 40.0 degrees)
 Length of main boom = 96.5 ft Length of jib = 29.5 ft
 Main boom sequence = 0-0-0-0-90-90 % LK = 28
 Counterweight = 32.6 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]								(Pos.[Degrees])				0-360 Degr.
		1(0)		2(...)		3(90)		4(...)		5(180)		6(...)		
		A	B	C	D	A	B	C	D	A	B	C	D	
39.4	20.7	51	51	40	40	57	39	50	37(59)	55	35	54	39	
		55	35	54	39(90)	39	39	52	52	35	55	39	54(270)	
45.9	19.8	54	54	37	37	59	48	41	33(20)	61	29	58	34	
		60	28	59	35(93)	35	35	56	56	28	60	35	59(266)	
52.5	19.2	58	58	33	33	67	44	44	26(32)	66	23	63	30	
		63	21	65	33(103)	32	32	59	59	20	62	33	65(256)	
59.1	18.5	61	61	30	30	74	40	46	20(38)	72	17	67	25	
		65	13	71	31(108)	28	28	62	62	13	65	32	71(251)	
65.6	17.4	63	63	27	27	79	39	46	16(38)	76	12	70	21	
		69	8	74	28(106)	25	25	65	65	8	69	28	74(253)	
72.2	14.6	62	62	26	26	78	39	45	15(38)	75	11	69	21	
		69	7	74	27(106)	24	24	64	64	7	68	27	74(253)	
78.7	12.1	62	62	25	25	78	38	45	14(38)	75	10	69	20	
		68	6	73	26(106)	23	23	64	64	6	68	26	74(253)	
85.3	10.1	62	62	24	24	78	36	45	13(39)	75	9	69	19	
		68	5	74	26(107)	22	22	63	63	5	67	26	74(252)	
91.9	8.6	62	62	24	24	78	36	44	12(39)	75	8	69	18	
		68	3	74	25(107)	21	21	64	64	3	67	25	75(252)	

 HA= 96.5 HI= 29.5 GGW= 32.6 SL= 0.0 MAX(A,B,C,D)= 7.3 6.4 6.9 6.9

Main boom and fixed jib (jib angle 40.0 degrees)
 Length of main boom = 100.4 ft Length of jib = 29.5 ft
 Main boom sequence = 0-0-0-0-100-100 % LK = 29
 Counterweight = 32.6 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]								(Pos.[Degrees])				0-360 Degr.
		1(0)		2(...)		3(90)		4(...)		5(180)		6(...)		
		A	B	C	D	A	B	C	D	A	B	C	D	
39.4	20.7	51	51	40	40	56	39	50	37(59)	55	35	54	39	
		55	35	54	39(90)	39	39	52	52	35	55	39	54(270)	
45.9	19.8	54	54	37	37	59	48	41	33(20)	60	29	58	34	
		60	29	58	35(92)	35	35	56	56	28	60	35	59(267)	

52.5	19.0	57	57	33	33	66	44	43	27(31)	66	23	62	30
		63	21	64	33(102)	32	32	59	59	21	62	33	65(257)
59.1	18.1	60	60	30	30	73	41	45	21(37)	71	18	66	26
		65	14	70	31(107)	28	28	62	62	14	64	32	70(252)
65.6	17.0	62	62	27	27	77	40	45	17(37)	75	13	69	22
		69	9	73	28(105)	26	26	64	64	9	69	28	73(254)
72.2	14.6	62	62	26	26	78	39	45	15(38)	75	11	69	21
		69	7	74	27(106)	24	24	64	64	7	68	27	74(253)
78.7	12.1	62	62	25	25	77	38	45	14(38)	75	10	69	20
		68	6	73	26(106)	23	23	63	63	6	68	27	73(253)
85.3	10.4	62	62	24	24	78	37	45	13(39)	75	9	69	19
		68	5	74	26(107)	22	22	64	64	4	67	26	74(252)
91.9	8.6	61	61	24	24	78	36	44	12(39)	75	8	69	18
		68	4	74	25(107)	22	22	63	63	4	67	26	74(252)
98.4	7.3	62	62	23	23	79	35	44	11(39)	76	7	70	17
		68	2	75	24(107)	21	21	64	64	2	67	25	75(252)

 HA=100.4 HI= 29.5 GGW= 32.6 SL= 0.0 MAX(A,B,C,D)= 7.3 6.4 6.9 6.9

Main boom and fixed jib (jib angle 40.0 degrees)
 Length of main boom = 110.2 ft Length of jib = 29.5 ft
 Main boom sequence = 0-0-0-45-90-90 % LK = 36
 Counterweight = 32.6 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.
	1(0)		2(...)		3(90)		6(...)		
	A	B C D	A B C D	A B C D	A B C D	A B C D			
39.4	20.9	51 51 40 40	57 39 50 36(59)	56 34 54 38					
		56 34 54 38(90)	39 39 53 53	34 56 38 54(270)					
45.9	20.1	55 55 36 36	60 48 42 32(22)	61 28 59 34					
		61 28 60 34(94)	35 35 56 56	28 60 35 60(265)					
52.5	19.4	58 58 33 33	68 44 44 26(33)	67 22 63 29					
		63 20 66 33(104)	31 31 60 60	19 63 33 66(255)					
59.1	18.7	61 61 29 29	75 41 45 20(36)	73 16 67 24					
		66 12 72 31(109)	28 28 63 63	12 65 32 72(250)					
65.6	17.2	63 63 26 26	79 39 46 16(38)	76 12 70 21					
		69 8 74 27(106)	25 25 65 65	8 69 28 75(253)					
72.2	14.3	62 62 26 26	78 38 45 15(38)	75 11 69 21					
		69 7 74 27(106)	24 24 64 64	7 68 27 74(253)					
78.7	11.9	62 62 25 25	78 38 45 14(38)	75 10 69 20					
		68 6 73 26(106)	23 23 64 64	6 68 26 74(253)					
85.3	9.9	62 62 24 24	78 36 45 13(39)	75 9 69 19					
		67 5 74 26(107)	22 22 63 63	5 67 26 74(252)					
91.9	8.4	62 62 24 24	78 36 44 12(39)	75 8 69 18					
		68 3 74 25(107)	21 21 64 64	3 67 25 74(252)					
98.4	7.1	62 62 23 23	79 35 45 11(40)	76 6 70 17					
		68 2 75 25(108)	21 21 64 64	2 67 25 75(251)					
105.0	5.7	62 62 22 22	79 34 44 10(40)	76 6 70 16					
		68 1 75 24(108)	20 20 64 64	1 67 24 75(251)					

 HA=110.2 HI= 29.5 GGW= 32.6 SL= 0.0 MAX(A,B,C,D)= 7.4 6.4 7.0 7.0

Main boom and fixed jib (jib angle 40.0 degrees)

Length of main boom = 114.5 ft Length of jib = 29.5 ft
 Main boom sequence = 0-0-0-45-100-100 % LK = 37
 Counterweight = 32.6 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]								(Pos.[Degrees])				0-360 Degr.		
		1(0)				2(...)				3(90)						
		A	B	C	D	A	B	C	D	A	B	C	D			
39.4	20.9	51	51	40	40	57	39	50	36	(59)	56	35	54	38		
		56	35	54	38	(90)	39	39	53	53		35	56	38	54	(270)
45.9	20.1	55	55	36	36	60	48	42	32	(22)	61	28	59	34		
		60	28	59	34	(94)	35	35	56	56		28	60	35	60	(265)
52.5	19.4	58	58	33	33	68	44	44	26	(32)	67	22	63	29		
		63	20	66	33	(104)	31	31	59	59		20	63	33	66	(255)
59.1	18.5	61	61	29	29	74	40	46	20	(38)	72	17	67	25		
		66	13	71	31	(108)	28	28	62	62		13	65	31	71	(251)
65.6	17.2	63	63	27	27	78	39	46	16	(38)	76	12	70	21		
		69	8	74	28	(106)	25	25	64	64		8	69	28	74	(253)
72.2	14.3	62	62	26	26	78	39	45	15	(38)	75	11	69	21		
		69	7	74	27	(106)	24	24	64	64		7	68	27	74	(253)
78.7	11.9	62	62	25	25	77	38	45	14	(38)	75	10	69	20		
		68	6	73	26	(106)	23	23	63	63		6	68	27	73	(253)
85.3	10.1	62	62	24	24	78	36	45	13	(39)	75	9	69	19		
		68	5	74	26	(107)	22	22	64	64		4	67	26	74	(252)
91.9	8.4	61	61	24	24	78	36	44	12	(39)	75	8	69	18		
		67	4	74	25	(107)	22	22	63	63		4	67	26	74	(252)
98.4	7.1	62	62	23	23	78	35	44	11	(39)	75	7	69	17		
		68	2	74	24	(107)	21	21	64	64		2	67	25	75	(252)
105.0	5.7	61	61	22	22	79	34	44	10	(40)	75	6	69	17		
		67	1	75	24	(108)	20	20	64	64		1	67	25	75	(251)
111.5	4.6	62	62	22	22	79	34	44	9	(40)	76	5	70	16		
		67	0	75	24	(108)	19	19	64	64		0	67	24	75	(251)

HA=114.5 HI= 29.5 GGW= 32.6 SL= 0.0 MAX(A,B,C,D)= 7.4 6.4 7.0 7.0

Main boom and fixed jib (jib angle 40.0 degrees)
 Length of main boom = 124.3 ft Length of jib = 29.5 ft
 Main boom sequence = 0-0-0-90-90-90 % LK = 45
 Counterweight = 32.6 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]								(Pos.[Degrees])				0-360 Degr.		
		1(0)				2(...)				3(90)						
		A	B	C	D	A	B	C	D	A	B	C	D			
45.9	20.3	55	55	36	36	61	47	42	32	(24)	62	28	59	33		
		61	27	60	34	(96)	35	35	56	56		27	61	35	60	(263)
52.5	19.6	58	58	32	32	69	43	45	25	(34)	68	21	64	28		
		63	19	67	33	(105)	31	31	60	60		19	63	33	67	(254)
59.1	19.0	62	62	29	29	76	41	45	19	(36)	74	15	68	24		
		66	11	73	31	(109)	27	27	63	63		11	66	31	73	(250)
65.6	17.0	63	63	26	26	79	39	46	15	(38)	76	12	70	21		
		69	8	74	27	(106)	25	25	65	65		8	69	28	75	(253)
72.2	14.1	62	62	26	26	78	38	45	15	(38)	75	11	69	20		
		69	7	74	27	(106)	24	24	64	64		7	68	27	74	(253)

78.7	11.7	62	62	25	25	78	38	44	14(38)	75	10	69	20
		68	6	73	26(106)	23	23	64	64	6	68	26	74(253)
85.3	9.9	62	62	24	24	78	36	45	13(39)	75	9	69	19
		68	4	74	26(107)	22	22	64	64	4	67	26	74(252)
91.9	8.2	62	62	24	24	78	36	44	12(39)	75	8	69	18
		68	4	74	25(107)	21	21	64	64	3	67	25	74(252)
98.4	6.8	62	62	23	23	79	35	44	11(39)	76	7	70	17
		68	2	75	24(107)	21	21	64	64	2	67	25	75(252)
105.0	5.5	62	62	22	22	79	34	44	10(40)	76	6	70	16
		67	1	75	24(108)	20	20	64	64	1	67	25	75(251)
111.5	4.4	62	62	22	22	80	34	44	9(40)	76	5	70	16
		67	0	75	23(108)	19	19	64	64	0	67	24	76(251)
118.1	3.3	62	62	21	21	80	33	44	9(40)	76	4	70	15
		67	0	76	22(108)	19	19	64	64	0	66	23	76(251)

 HA=124.3 HI= 29.5 GGW= 32.6 SL= 0.0 MAX(A,B,C,D)= 7.4 6.4 7.1 7.1

Main boom and fixed jib (jib angle 40.0 degrees)

Length of main boom = 130.9 ft Length of jib = 29.5 ft
 Main boom sequence = 0-0-0-100-100-100 % LK = 46
 Counterweight = 32.6 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.
		1(0)		2(...)		3(90)		6(...)		
		4(...)		5(180)		6(...)				
		A	B	C	D	A	B	C	D	
45.9	20.1	55	55	36	36	61	47	42	32(23)	62 28 59 34
		61	27	60	34(95)	35	35	56	56	27 60 35 60(264)
52.5	19.6	58	58	32	32	69	44	44	25(33)	68 22 64 28
		64	19	67	32(104)	31	31	60	60	19 63 33 67(255)
59.1	19.0	62	62	29	29	75	41	45	19(36)	73 15 68 24
		66	11	73	31(109)	27	27	63	63	11 66 31 73(250)
65.6	17.0	63	63	27	27	78	39	46	16(38)	76 12 70 21
		69	8	74	27(106)	25	25	65	65	8 69 28 74(253)
72.2	14.1	62	62	26	26	78	38	45	15(38)	75 11 69 21
		69	7	74	27(106)	24	24	64	64	7 68 27 74(253)
78.7	11.7	62	62	25	25	77	38	44	14(38)	75 10 69 20
		68	6	73	26(106)	23	23	63	63	6 68 26 74(253)
85.3	9.9	62	62	24	24	78	36	45	13(39)	75 9 69 19
		68	4	74	26(107)	22	22	64	64	4 67 26 74(252)
91.9	8.2	61	61	24	24	78	36	44	12(39)	75 8 69 18
		68	4	74	25(107)	22	22	63	63	4 67 26 74(252)
98.4	6.8	62	62	23	23	78	35	44	11(39)	75 7 69 17
		68	2	74	24(107)	21	21	64	64	2 67 25 75(252)
105.0	5.7	62	62	22	22	80	34	44	10(40)	76 5 70 16
		68	1	75	24(108)	20	20	64	64	0 67 24 75(251)
111.5	4.4	61	61	22	22	79	34	44	9(40)	76 5 70 16
		67	0	75	24(108)	19	19	64	64	0 67 24 75(251)
118.1	3.3	61	61	21	21	79	33	44	9(40)	76 4 70 15
		67	0	75	23(108)	19	19	64	64	0 66 23 75(251)
124.7	2.4	61	61	21	21	80	33	44	8(40)	76 4 70 15
		66	0	77	21(108)	18	18	64	64	0 65 22 77(251)

 HA=130.9 HI= 29.5 GGW= 32.6 SL= 0.0 MAX(A,B,C,D)= 7.4 6.4 7.1 7.1

 Main boom and fixed jib (jib angle 40.0 degrees)
 Length of main boom = 138.1 ft Length of jib = 29.5 ft
 Main boom sequence = 0-0-45-90-90-90 % LK = 54
 Counterweight = 32.6 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]								(Pos.[Degrees])				0-360 Degr.
		1(0)				2(...)				3(90)				
		4(...)				5(180)				6(...)				
A	B	C	D	A	B	C	D	A	B	C	D			
45.9	20.3	56	56	36	36	62	47	42	31	(25)	63	27	60	33
		61	26	61	34(97)	34	34	57	57		26	61	34	61(262)
52.5	19.6	59	59	32	32	70	43	45	24	(35)	69	21	65	28
		64	18	68	32(105)	30	30	60	60		18	64	32	68(254)
59.1	19.2	63	63	28	28	77	41	46	18	(37)	75	14	69	23
		67	10	74	30(110)	26	26	64	64		10	67	31	74(249)
65.6	16.5	63	63	26	26	79	39	45	15	(38)	76	11	70	21
		70	7	74	27(106)	25	25	65	65		7	69	28	75(253)
72.2	13.7	62	62	25	25	78	38	45	14	(38)	76	10	70	20
		69	6	74	26(106)	24	24	64	64		6	69	27	74(253)
78.7	11.2	62	62	25	25	78	37	45	13	(39)	75	9	69	19
		68	5	74	26(107)	23	23	64	64		5	67	27	74(252)
85.3	9.3	62	62	24	24	78	36	45	13	(39)	75	9	69	19
		68	4	74	25(107)	22	22	64	64		4	67	26	74(252)
91.9	7.7	62	62	23	23	78	36	44	11	(39)	75	7	69	18
		68	3	74	25(107)	21	21	64	64		3	67	25	75(252)
98.4	6.4	62	62	22	22	79	34	45	10	(40)	76	6	70	17
		68	1	75	24(108)	20	20	64	64		1	67	25	75(251)
105.0	5.1	62	62	22	22	79	34	44	9	(40)	76	5	70	16
		68	0	75	24(108)	19	19	64	64		0	67	24	75(251)
111.5	3.7	61	61	22	22	79	34	44	9	(40)	76	5	70	16
		67	0	75	24(108)	19	19	64	64		0	67	24	75(251)
118.1	2.6	61	61	21	21	79	33	44	9	(40)	75	4	69	15
		67	0	75	23(108)	19	19	63	63		0	66	23	76(251)

 HA=138.1 HI= 29.5 GGW= 32.6 SL= 0.0 MAX(A,B,C,D)= 7.4 6.4 7.0 7.0

Main boom and fixed jib (jib angle 40.0 degrees)
 Length of main boom = 145.0 ft Length of jib = 29.5 ft
 Main boom sequence = 0-0-45-100-100-100 % LK = 55
 Counterweight = 32.6 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]								(Pos.[Degrees])				0-360 Degr.
		1(0)				2(...)				3(90)				
		4(...)				5(180)				6(...)				
A	B	C	D	A	B	C	D	A	B	C	D			
52.5	19.6	59	59	32	32	70	43	45	24	(34)	69	21	64	28
		64	18	67	32(105)	30	30	60	60		18	64	32	68(254)
59.1	19.0	62	62	28	28	77	41	45	18	(37)	75	15	69	23
		67	10	74	31(110)	27	27	64	64		10	66	31	74(249)
65.6	16.5	63	63	26	26	79	39	45	15	(38)	76	12	70	21
		69	8	74	27(106)	25	25	65	65		7	69	28	75(253)
72.2	13.7	62	62	26	26	78	38	45	14	(38)	75	11	69	20
		69	7	74	26(106)	24	24	64	64		6	68	27	74(253)

78.7	11.2	62	62	25	25	78	37	44	14(38)	75	10	69	19
		68	6	74	26(106)	23	23	64	64	6	68	26	74(253)
85.3	9.5	62	62	24	24	78	36	45	12(39)	75	8	69	18
		68	4	74	25(107)	22	22	64	64	4	67	26	75(252)
91.9	7.7	62	62	23	23	78	36	44	12(39)	75	7	69	18
		68	3	74	25(107)	21	21	64	64	3	67	25	74(252)
98.4	6.4	62	62	22	22	79	34	45	10(40)	76	6	70	17
		67	2	75	24(108)	20	20	64	64	1	67	25	75(251)
105.0	5.3	62	62	22	22	80	34	44	9(40)	77	5	70	16
		68	0	76	24(108)	19	19	64	64	0	67	24	76(251)
111.5	4.0	62	62	21	21	80	34	44	9(40)	76	4	70	15
		67	0	76	23(108)	19	19	64	64	0	67	23	76(251)
118.1	2.9	61	61	21	21	79	33	44	8(40)	76	4	70	15
		67	0	76	22(108)	19	19	64	64	0	66	22	77(251)

HA=145.0 HI= 29.5 GGW= 32.6 SL= 0.0 MAX(A,B,C,D)= 7.4 6.4 7.1 7.1

Main boom and fixed jib (jib angle 40.0 degrees)

Length of main boom = 152.2 ft Length of jib = 29.5 ft
 Main boom sequence = 0-0-90-90-90-90 % LK = 62
 Counterweight = 32.6 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.			
		1(0)		2(...)		3(90)		6(...)					
		4(...)		5(180)		6(...)							
		A	B	C	D	A	B	C	D				
52.5	19.8	60	60	31	31	72	42	45	23(36)	70	20	65	27
		65	16	69	32(106)	30	30	61	61	16	65	32	69(253)
59.1	19.2	63	63	27	27	79	40	46	17(38)	76	13	70	22
		70	9	74	28(106)	26	26	65	65	9	69	29	74(253)
65.6	16.1	63	63	26	26	79	39	45	15(38)	76	11	70	21
		69	7	75	27(106)	24	24	65	65	7	69	27	75(253)
72.2	13.2	62	62	25	25	79	37	45	14(39)	76	10	70	20
		69	6	74	27(107)	23	23	64	64	6	68	27	75(252)
78.7	10.8	62	62	25	25	78	37	45	13(39)	75	9	69	19
		68	5	74	26(107)	22	22	64	64	5	67	26	74(252)
85.3	9.0	62	62	24	24	79	36	44	12(39)	76	8	70	18
		68	3	75	25(107)	21	21	64	64	3	68	26	75(252)
91.9	7.3	62	62	23	23	79	35	44	11(39)	75	7	70	17
		68	2	74	24(107)	21	21	64	64	2	67	25	75(252)
98.4	6.0	62	62	22	22	80	34	44	10(40)	76	6	70	16
		68	1	75	24(108)	20	20	64	64	1	67	25	75(251)
105.0	4.6	62	62	22	22	80	34	44	9(40)	76	5	70	16
		68	0	75	24(108)	19	19	64	64	0	67	24	76(251)
111.5	3.3	61	61	21	21	79	34	44	9(40)	76	4	70	15
		67	0	75	23(108)	19	19	64	64	0	66	23	76(251)
118.1	2.2	61	61	21	21	79	33	44	9(40)	76	4	70	15
		66	0	76	22(108)	19	19	64	64	0	66	22	76(251)

HA=152.2 HI= 29.5 GGW= 32.6 SL= 0.0 MAX(A,B,C,D)= 7.4 6.4 7.0 7.1

Main boom and fixed jib (jib angle 40.0 degrees)

Length of main boom = 161.4 ft Length of jib = 29.5 ft
 Main boom sequence = 0-0-100-100-100-100 % LK = 63

Counterweight = 32.6 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
	1(0)		2(...)		3(90)		6(...)						
A	B	C	D	A	B	C	D	A	B	C	D		
59.1	18.7	63	63	28	28	77	41	45	17(37)	75	14	69	23
	67	9	74	30(110)	26	26	64	64	9	67	31	74(249)	
65.6	15.7	62	62	26	26	78	39	45	16(38)	75	12	69	21
	69	8	74	27(106)	25	25	64	64	8	68	28	74(253)	
72.2	13.0	62	62	26	26	78	38	45	15(38)	75	11	69	20
	69	7	74	26(106)	24	24	64	64	6	68	27	74(253)	
78.7	10.8	62	62	25	25	78	37	45	13(39)	75	9	69	19
	68	5	74	26(107)	22	22	64	64	5	67	26	74(252)	
85.3	8.8	62	62	24	24	78	36	44	12(39)	75	8	69	18
	68	4	74	25(107)	22	22	64	64	4	67	26	74(252)	
91.9	7.1	61	61	23	23	78	35	44	12(39)	75	7	69	18
	67	3	74	25(107)	21	21	63	63	3	67	25	74(252)	
98.4	5.7	61	61	22	22	78	35	44	11(39)	75	6	69	17
	68	2	74	24(107)	20	20	64	64	2	67	24	75(252)	
105.0	4.4	61	61	22	22	79	34	44	10(40)	75	6	69	16
	67	1	75	24(108)	20	20	64	64	1	67	24	75(251)	
111.5	3.3	61	61	21	21	79	34	44	9(40)	76	5	70	15
	67	0	75	23(108)	19	19	64	64	0	66	23	75(251)	

HA=161.4 HI= 29.5 GGW= 32.6 SL= 0.0 MAX(A,B,C,D)= 7.4 6.3 7.0 7.0

Main boom and fixed jib (jib angle 40.0 degrees)

Length of main boom = 166.0 ft Length of jib = 29.5 ft

Main boom sequence = 0-45-90-90-90-90 % LK = 68

Counterweight = 32.6 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
	1(0)		2(...)		3(90)		6(...)						
A	B	C	D	A	B	C	D	A	B	C	D		
59.1	17.6	62	62	28	28	77	40	45	18(37)	74	14	69	23
	66	10	73	30(110)	26	26	63	63	10	66	31	73(249)	
65.6	14.3	61	61	27	27	76	39	45	17(37)	74	13	68	22
	68	9	72	27(105)	25	25	63	63	9	67	28	72(254)	
72.2	11.9	61	61	26	26	77	38	45	15(38)	74	11	69	20
	68	7	73	26(106)	24	24	63	63	7	67	27	73(253)	
78.7	9.5	61	61	25	25	76	37	44	14(38)	74	10	68	20
	67	6	73	26(106)	23	23	63	63	6	67	26	73(253)	
85.3	7.7	61	61	24	24	77	36	44	13(39)	74	9	69	19
	67	4	73	25(107)	22	22	63	63	4	66	26	73(252)	
91.9	6.0	60	60	24	24	77	35	44	12(39)	74	8	68	18
	67	4	73	25(107)	21	21	63	63	4	66	25	73(252)	
98.4	4.6	61	61	23	23	77	35	43	11(39)	74	7	69	17
	67	2	73	24(107)	20	20	63	63	2	66	25	74(252)	
105.0	3.3	60	60	22	22	77	34	43	10(39)	74	6	69	17
	67	2	73	24(107)	20	20	63	63	1	66	24	74(252)	

HA=166.0 HI= 29.5 GGW= 32.6 SL= 0.0 MAX(A,B,C,D)= 7.2 6.3 6.8 6.8

 Main boom and fixed jib (jib angle 40.0 degrees)
 Length of main boom = 175.5 ft Length of jib = 29.5 ft
 Main boom sequence = 0-45-100-100-100-100 % LK = 69
 Counterweight = 32.6 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]								(Pos.[Degrees])				0-360 Degr.
		1(0)				2(...)				3(90)				
		4(...)				5(180)				6(...)				
A	B	C	D	A	B	C	D	A	B	C	D			
59.1	17.2	62	62	28	28	75	41	45	19	36	73	15	68	23
		66	11	72	30(109)	27	27	63	63	11	65	31	73(250)	
65.6	14.1	61	61	27	27	75	39	45	17	37	73	13	68	22
		67	9	72	28(105)	25	25	63	63	9	67	28	72(254)	
72.2	11.5	61	61	26	26	75	39	44	16	37	73	12	68	21
		67	8	72	27(105)	24	24	63	63	8	67	27	72(254)	
78.7	9.3	60	60	25	25	76	37	44	15	38	73	11	68	20
		67	7	72	26(106)	23	23	62	62	7	66	27	72(253)	
85.3	7.5	60	60	24	24	76	37	43	13	38	73	9	68	19
		67	5	72	25(106)	22	22	63	63	5	66	26	73(253)	
91.9	5.7	60	60	24	24	76	36	43	13	38	73	9	68	19
		66	5	72	25(106)	22	22	62	62	4	66	25	72(253)	
98.4	4.4	60	60	23	23	77	35	43	12	39	73	7	68	18
		66	3	73	24(107)	21	21	62	62	3	66	25	73(252)	
105.0	3.1	60	60	23	23	76	34	43	11	39	73	7	68	17
		66	2	73	24(107)	20	20	62	62	2	65	24	73(252)	

 HA=175.5 HI= 29.5 GGW= 32.6 SL= 0.0 MAX(A,B,C,D)= 7.1 6.2 6.8 6.8

Main boom and fixed jib (jib angle 40.0 degrees)
 Length of main boom = 180.1 ft Length of jib = 29.5 ft
 Main boom sequence = 0-90-90-90-90-90 % LK = 73
 Counterweight = 32.6 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]								(Pos.[Degrees])				0-360 Degr.
		1(0)				2(...)				3(90)				
		4(...)				5(180)				6(...)				
A	B	C	D	A	B	C	D	A	B	C	D			
59.1	16.1	61	61	28	28	74	41	45	19	36	72	15	67	24
		65	11	71	30(109)	27	27	62	62	11	65	31	71(250)	
65.6	13.0	60	60	27	27	74	40	44	18	36	72	14	67	22
		67	10	71	27(104)	26	26	62	62	10	67	28	71(255)	
72.2	10.4	60	60	26	26	74	38	44	16	37	72	12	67	21
		66	9	71	27(105)	24	24	62	62	9	66	27	71(254)	
78.7	8.4	60	60	25	25	75	38	43	15	37	72	11	67	20
		67	7	71	26(105)	23	23	62	62	7	66	26	71(254)	
85.3	6.4	60	60	25	25	75	36	43	14	38	72	10	67	20
		66	6	71	26(106)	22	22	62	62	6	65	26	71(253)	
91.9	4.9	60	60	24	24	75	36	43	13	38	73	9	67	19
		66	5	72	25(106)	22	22	62	62	4	65	25	72(253)	
98.4	3.3	59	59	24	24	75	35	43	13	38	72	8	67	18
		66	4	71	24(106)	21	21	62	62	4	65	25	72(253)	

 HA=180.1 HI= 29.5 GGW= 32.6 SL= 0.0 MAX(A,B,C,D)= 7.0 6.2 6.7 6.7

 Main boom and fixed jib (jib angle 40.0 degrees)
 Length of main boom = 191.9 ft Length of jib = 29.5 ft
 Main boom sequence = 0-100-100-100-100-100 % LK = 74
 Counterweight = 32.6 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]								(Pos.[Degrees])				0-360 Degr.	
		1(0)				2(...)				3(90)					
		4(...)				5(180)				6(...)					
A	B	C	D	A	B	C	D	A	B	C	D				
65.6	12.3	59	59	28	28	73	40	44	19	(36)	71	15	66	23	
		64	11	70	30	(109)	26	26	61	61		11	63	30	70(250)
72.2	9.9	59	59	27	27	73	39	43	17	(36)	71	13	66	22	
		66	10	70	27	(104)	25	25	61	61		9	65	27	70(255)
78.7	7.9	59	59	26	26	74	38	43	16	(37)	71	11	67	21	
		66	8	70	26	(105)	24	24	62	62		8	65	27	71(254)
85.3	6.0	59	59	25	25	73	37	43	15	(37)	71	11	66	20	
		65	7	70	26	(105)	23	23	61	61		7	65	26	70(254)
91.9	4.4	59	59	24	24	74	37	42	14	(37)	71	9	66	19	
		65	6	70	25	(105)	22	22	61	61		6	65	25	71(254)
98.4	3.1	59	59	24	24	74	35	43	13	(38)	72	8	67	19	
		65	4	71	25	(106)	21	21	61	61		4	65	25	71(253)

 HA=191.9 HI= 29.5 GGW= 32.6 SL= 0.0 MAX(A,B,C,D)= 6.9 6.1 6.6 6.6

Main boom and fixed jib (jib angle 40.0 degrees)
 Length of main boom = 193.9 ft Length of jib = 29.5 ft
 Main boom sequence = 45-90-90-90-90-90 % LK = 76
 Counterweight = 32.6 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]								(Pos.[Degrees])				0-360 Degr.	
		1(0)				2(...)				3(90)					
		4(...)				5(180)				6(...)					
A	B	C	D	A	B	C	D	A	B	C	D				
65.6	11.2	59	59	28	28	72	40	43	19	(35)	70	15	65	23	
		63	11	69	29	(108)	26	26	61	61		11	63	30	70(251)
72.2	8.8	59	59	27	27	72	39	43	17	(36)	70	13	66	22	
		65	10	69	27	(104)	25	25	61	61		10	65	27	69(255)
78.7	6.6	58	58	26	26	72	38	42	16	(36)	70	12	65	21	
		65	9	69	26	(104)	24	24	61	61		9	65	26	69(255)
85.3	4.9	58	58	25	25	73	37	43	15	(37)	70	11	66	20	
		65	7	69	26	(105)	23	23	61	61		7	64	26	70(254)
91.9	3.3	58	58	24	24	73	36	42	14	(37)	71	10	66	19	
		65	6	70	25	(105)	22	22	61	61		6	64	25	70(254)

 HA=193.9 HI= 29.5 GGW= 32.6 SL= 0.0 MAX(A,B,C,D)= 6.8 6.0 6.5 6.5

HA=193.9 HI= 29.5 GGW= 32.6 SL= 0.0 MAX(A,B,C,D)= 0.0 0.0 0.0 0.0

HA=193.9 HI= 29.5 GGW= 32.6 SL= 0.0 MAX(A,B,C,D)= 0.0 0.0 0.0 0.0

HA=193.9 HI= 29.5 GGW= 32.6 SL= 0.0 MAX(A,B,C,D)= 0.0 0.0 0.0 0.0

Programm L A M O S 9 9 Version 1.08 vom 29.09.02

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Eingabedatei: ilam.dat

Festdatei : /berechnung/tabellen/zentraledaten/lamosfd-ac/200-1.99dat

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H

DEMAG Mobile Cranes

O U T R I G G E R - L O A D I N G S

(Variance = +-10%)

PSI= 1.00

Crane : *** AC 200-1 *** mit HKHI fuer GA und MS

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Outrigger width   = 18.7 ft           Outrigger length = 27.7 ft
Outrigger "A"    X = 12.0 ft         Outrigger "A"    Y =  9.4 ft
Outrigger "B"    X = 12.0 ft         Outrigger "B"    Y = -9.4 ft
Outrigger "C"    X = -15.7 ft        Outrigger "C"    Y =  9.4 ft
Outrigger "D"    X = -15.7 ft        Outrigger "D"    Y = -9.4 ft
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Main boom and fixed jib (jib angle 0.0 degrees)
Length of main boom = 40.7 ft           Length of jib    = 29.5 ft
Main boom sequence = 0-0-0-0-0-0 %      LK = 1
Counterweight      = 28.7 kip
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```

Radius Cap. [ft]	Outrigger Loadin[kip]	(Pos.[Degrees])				0-360 Degr.		
		1(0)		2(...)			3(90)	
		4(...)	5(180)	6(...)				
A B C D	A B C D	A B C D						
9.8	39.7	45 45 54 54	41 53 47 56	59 43 56 45	55			
		47 57 43 51(128)	53 53 46 46	57 47 51 43(232)				
11.5	39.7	47 47 52 52	45 51 48 53	59 45 53 47	52			
		48 54 46 50(128)	52 52 47 47	54 48 50 46(232)				
13.1	39.7	49 49 50 50	48 50 49 51	59 48 50 49	50			
		49 50 49 50(127)	50 50 49 49	50 49 50 49(232)				
14.8	39.7	50 50 49 49	51 48 50 48	59 51 48 51	48			
		50 47 51 49(127)	48 48 50 50	47 50 49 51(232)				
16.4	39.7	52 52 47 47	54 47 51 45	59 54 45 53	46			
		51 44 54 49(128)	47 47 52 52	44 51 49 54(232)				
19.7	39.7	55 55 44 44	61 44 53 40	59 59 39 57	42			
		59 39 57 42(90)	43 43 56 56	39 59 42 57(270)				
23.0	39.7	58 58 40 40	63 53 45 37	19 65 34 61	38			
		64 34 62 38(92)	40 40 59 59	33 64 38 62(267)				
26.2	38.6	61 61 37 37	69 50 46 32	29 69 29 65	34			
		66 27 67 37(101)	37 37 61 61	27 66 37 67(258)				
29.5	35.3	61 61 35 35	71 47 47 28	33 71 25 66	31			
		67 23 69 35(104)	35 35 62 62	23 66 35 69(255)				
32.8	31.7	61 61 34 34	73 45 47 26	35 71 23 66	30			
		67 20 69 34(105)	33 33 62 62	20 66 34 69(254)				
39.4	27.1	62 62 30 30	76 41 47 21	38 74 18 68	25			
		67 14 73 32(109)	29 29 63 63	13 66 32 73(250)				
45.9	23.4	63 63 27 27	79 40 46 17	38 76 13 70	22			
		70 9 74 28(106)	26 26 65 65	9 69 29 75(253)				
52.5	19.4	63 63 26 26	79 38 46 14	39 77 10 70	20			
		69 6 75 27(107)	24 24 65 65	6 69 27 75(252)				

59.1 15.7 62 62 24 24 79 37 45 13(39) 76 9 70 19
 69 5 75 26(107) 22 22 64 64 4 68 26 75(252)

HA= 40.7 HI= 29.5 GGW= 28.7 SL= 0.0 MAX(A,B,C,D)= 7.4 6.4 7.0 7.0

Main boom and fixed jib (jib angle 0.0 degrees)

Length of main boom = 54.5 ft Length of jib = 29.5 ft

Main boom sequence = 0-0-0-0-0-45 % LK = 7

Counterweight = 28.7 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
	1(0)				2(...)								
	4(...)				5(180)								
	A	B	C	D	A	B	C	D	A	B	C	D	
9.8	39.7	45	45	54	54	41	53	47	56(59)	42	56	44	55
		46	58	43	51(128)	53	53	45	45	58	46	51	43(232)
11.5	39.7	47	47	52	52	44	52	48	54(59)	45	54	46	53
		47	54	45	51(128)	52	52	47	47	54	47	51	45(232)
13.1	39.7	48	48	50	50	47	50	49	51(59)	47	51	48	51
		49	51	48	50(127)	50	50	49	49	51	49	50	48(232)
14.8	39.7	50	50	49	49	50	49	50	49(59)	50	48	50	49
		50	48	50	49(127)	49	49	50	50	48	50	49	50(232)
16.4	39.7	51	51	47	47	54	47	51	46(59)	53	46	52	47
		51	45	53	49(128)	47	47	52	52	45	51	49	53(232)
19.7	39.7	55	55	44	44	60	44	53	41(59)	58	40	56	43
		58	40	56	43(90)	44	44	55	55	40	58	43	56(270)
23.0	39.7	58	58	41	41	62	54	44	38(16)	64	35	61	39
		64	35	61	39(90)	41	41	58	58	35	64	39	61(270)
26.2	39.7	61	61	38	38	69	50	47	32(29)	69	29	65	34
		67	28	67	37(100)	37	37	61	61	28	66	37	67(259)
29.5	39.7	64	64	35	35	76	47	49	26(36)	75	24	69	30
		69	21	72	35(106)	34	34	65	65	21	69	35	72(253)
32.8	37.3	65	65	32	32	79	44	49	22(38)	77	20	71	28
		70	16	75	34(109)	32	32	66	66	16	69	35	75(250)
39.4	32.2	66	66	29	29	82	42	48	17(38)	80	15	73	23
		71	10	78	32(111)	28	28	67	67	10	70	32	78(248)
45.9	26.0	65	65	27	27	82	40	47	15(39)	78	12	72	21
		71	8	77	28(107)	26	26	66	66	7	71	29	77(252)
52.5	20.5	63	63	26	26	79	39	45	15(38)	76	11	70	21
		70	7	75	27(106)	24	24	65	65	7	69	27	75(253)
59.1	16.8	62	62	25	25	78	37	45	14(39)	76	10	70	20
		68	6	74	26(107)	23	23	64	64	5	68	27	75(252)
65.6	13.7	62	62	24	24	78	36	45	13(39)	75	9	69	19
		68	4	74	26(107)	22	22	63	63	4	67	26	74(252)
72.2	11.2	61	61	24	24	78	35	44	12(39)	75	8	69	18
		67	3	73	25(107)	21	21	63	63	3	67	25	74(252)

HA= 54.5 HI= 29.5 GGW= 28.7 SL= 0.0 MAX(A,B,C,D)= 7.7 6.6 7.3 7.3

Main boom and fixed jib (jib angle 0.0 degrees)

Length of main boom = 68.6 ft Length of jib = 29.5 ft

Main boom sequence = 0-0-0-0-0-90 % LK = 13

Counterweight = 28.7 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
	1(0)		2(...)		3(90)		4(...)		5(180)		6(...)		
	A	B	C	D	A	B	C	D	A	B	C	D	
13.1	39.7	48	48	51	51	47	50	49	52(59)	47	51	48	51
		48	52	47	50(128)	50	50	48	48	52	48	50	47(232)
14.8	39.7	50	50	49	49	50	49	50	49(59)	50	49	50	49
		49	49	50	49(127)	49	49	50	50	49	49	49	50(232)
16.4	39.7	51	51	48	48	53	47	51	47(59)	52	46	52	47
		50	46	53	49(128)	47	47	51	51	46	50	49	53(232)
19.7	39.7	54	54	45	45	59	45	52	41(59)	58	41	56	43
		53	39	58	48(128)	44	44	55	55	39	53	48	58(232)
23.0	39.7	58	58	41	41	60	54	44	39(13)	63	35	60	39
		63	35	60	39(90)	41	41	58	58	35	63	39	60(270)
26.2	38.4	60	60	39	39	66	50	46	34(26)	67	31	63	35
		65	30	64	37(97)	38	38	60	60	30	65	37	64(262)
29.5	35.7	61	61	36	36	69	49	46	30(30)	69	27	65	33
		66	25	67	36(102)	36	36	61	61	25	66	36	67(257)
32.8	33.1	61	61	34	34	71	46	46	27(33)	71	24	66	30
		67	22	69	34(104)	34	34	62	62	21	66	35	69(255)
39.4	29.1	63	63	31	31	76	42	47	21(38)	74	19	68	26
		67	15	73	32(108)	30	30	64	64	15	67	33	73(251)
45.9	25.6	64	64	28	28	79	41	47	17(38)	77	14	70	23
		70	10	75	29(106)	26	26	65	65	10	70	29	75(253)
52.5	21.4	63	63	26	26	79	39	46	15(38)	77	11	70	21
		70	7	75	27(106)	25	25	65	65	7	69	28	75(253)
59.1	17.4	62	62	25	25	78	38	45	14(38)	75	10	69	20
		69	6	74	26(106)	24	24	64	64	6	68	27	74(253)
65.6	14.3	61	61	25	25	77	37	44	14(38)	75	9	69	19
		68	6	73	26(106)	23	23	63	63	5	67	26	73(253)
72.2	11.9	61	61	24	24	77	36	44	13(39)	74	9	69	19
		67	4	73	25(107)	22	22	63	63	4	66	26	73(252)
78.7	9.9	60	60	23	23	77	35	44	12(39)	74	7	68	18
		67	3	73	25(107)	21	21	63	63	3	66	25	73(252)
85.3	8.4	60	60	23	23	77	35	43	11(39)	74	6	69	17
		67	2	73	24(107)	20	20	63	63	2	66	24	74(252)

HA= 68.6 HI= 29.5 GGW= 28.7 SL= 0.0 MAX(A,B,C,D)= 7.4 6.5 6.9 7.0

Main boom and fixed jib (jib angle 0.0 degrees)

Length of main boom = 70.2 ft Length of jib = 29.5 ft

Main boom sequence = 0-0-0-0-100 % LK = 14

Counterweight = 28.7 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
	1(0)		2(...)		3(90)		4(...)		5(180)		6(...)		
	A	B	C	D	A	B	C	D	A	B	C	D	
13.1	39.7	48	48	51	51	47	50	49	52(59)	47	51	48	51
		48	52	47	50(128)	50	50	48	48	52	48	50	47(232)
14.8	39.7	50	50	49	49	50	49	50	49(59)	50	49	50	49
		49	49	50	49(127)	49	49	50	50	49	49	49	50(232)
16.4	39.7	51	51	48	48	53	48	51	47(59)	52	46	52	47
		50	46	52	49(128)	47	47	51	51	46	50	49	52(232)

19.7	39.7	54	54	45	45	59	45	52	41(59)	58	41	56	43
		53	39	58	48(128)	44	44	55	55	39	53	48	58(232)
23.0	38.1	56	56	42	42	58	55	43	41(7)	62	36	59	40
		62	36	59	40(90)	41	41	57	57	36	62	40	59(270)
26.2	35.3	57	57	39	39	62	52	44	36(19)	63	32	60	37
		63	32	61	37(92)	39	39	58	58	32	63	37	61(267)
29.5	32.4	58	58	37	37	64	49	44	33(25)	65	29	62	34
		63	28	63	36(97)	37	37	59	59	28	63	36	63(262)
32.8	29.8	58	58	36	36	66	47	45	30(29)	66	27	63	32
		64	25	64	35(100)	35	35	59	59	25	63	35	64(259)
39.4	25.8	59	59	32	32	70	44	45	25(34)	69	22	65	28
		65	19	68	33(105)	31	31	61	61	19	64	33	68(254)
45.9	22.7	61	61	30	30	74	41	45	21(37)	72	17	67	25
		65	13	71	31(108)	28	28	62	62	13	65	32	71(251)
52.5	19.6	61	61	28	28	75	40	45	18(37)	73	14	68	23
		65	10	73	30(110)	26	26	63	63	10	65	30	73(249)
59.1	17.4	62	62	26	26	78	38	45	15(38)	75	11	69	20
		69	7	74	26(106)	24	24	64	64	6	68	27	74(253)
65.6	14.3	61	61	25	25	77	37	44	14(38)	74	10	69	19
		68	6	73	26(106)	23	23	63	63	6	67	26	73(253)
72.2	11.9	61	61	24	24	77	37	44	13(38)	74	9	68	19
		67	5	73	25(106)	22	22	63	63	4	67	26	73(253)
78.7	10.1	61	61	23	23	77	35	44	12(39)	74	7	69	18
		67	3	73	25(107)	21	21	63	63	3	66	25	74(252)
85.3	8.4	60	60	23	23	77	35	43	11(39)	74	7	68	17
		67	2	73	24(107)	20	20	63	63	2	66	24	73(252)

 HA= 70.2 HI= 29.5 GGW= 28.7 SL= 0.0 MAX(A,B,C,D)= 7.2 6.3 6.8 6.9

Main boom and fixed jib (jib angle 0.0 degrees)

Length of main boom = 82.3 ft Length of jib = 29.5 ft

Main boom sequence = 0-0-0-0-45-90 % LK = 20

Counterweight = 28.7 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
	1(0)		2(...)		3(90)		6(...)						
	4(...)		5(180)		6(...)								
	A	B	C	D	A	B	C	D					
16.4	39.7	51	51	48	48	53	48	51	47(59)	52	46	52	47
		50	46	53	49(128)	47	47	51	51	46	50	49	53(232)
19.7	39.7	54	54	45	45	59	45	52	41(59)	58	41	56	43
		53	39	58	48(128)	44	44	55	55	39	53	48	58(232)
23.0	39.7	57	57	41	41	60	54	44	39(13)	63	35	60	39
		63	35	60	39(90)	41	41	58	58	35	63	39	60(270)
26.2	39.7	61	61	38	38	68	51	46	33(27)	68	30	64	35
		66	29	66	37(99)	38	38	61	61	28	66	37	66(260)
29.5	38.6	63	63	35	35	74	47	48	28(34)	72	26	67	32
		68	23	70	36(105)	35	35	63	63	23	67	36	70(254)
32.8	36.2	64	64	33	33	77	45	48	24(37)	75	22	69	29
		69	19	73	34(107)	33	33	64	64	19	68	35	73(252)
39.4	31.3	65	65	30	30	80	43	47	19(37)	77	17	71	25
		69	12	76	32(110)	29	29	66	66	12	69	33	76(249)
45.9	26.9	65	65	27	27	82	40	47	16(39)	79	13	72	22
		71	8	77	28(107)	26	26	67	67	8	71	29	77(252)

52.5	21.4	63	63	26	26	79	39	46	15(38)	77	12	70	21
		70	7	75	27(106)	25	25	65	65	7	69	28	75(253)
59.1	17.4	62	62	26	26	78	38	45	15(38)	75	11	69	20
		69	7	74	26(106)	24	24	64	64	6	68	27	74(253)
65.6	14.3	61	61	25	25	77	37	44	14(38)	74	10	69	19
		68	6	73	26(106)	23	23	63	63	6	67	26	73(253)
72.2	11.9	61	61	24	24	77	37	44	13(38)	74	9	68	19
		67	5	73	25(106)	22	22	63	63	4	67	26	73(253)
78.7	9.9	60	60	24	24	77	35	44	12(39)	74	8	68	18
		67	4	73	25(107)	21	21	63	63	3	66	25	73(252)
85.3	8.4	60	60	23	23	77	35	43	11(39)	74	7	68	17
		67	2	73	24(107)	20	20	63	63	2	66	25	73(252)
91.9	7.1	60	60	22	22	77	34	43	10(39)	74	6	69	16
		67	1	73	23(107)	20	20	63	63	1	66	24	74(252)
98.4	6.0	60	60	21	21	78	33	43	9(40)	75	4	69	15
		66	0	74	23(108)	19	19	63	63	0	66	23	75(251)

HA= 82.3 HI= 29.5 GGW= 28.7 SL= 0.0 MAX(A,B,C,D)= 7.6 6.6 7.1 7.1

Main boom and fixed jib (jib angle 0.0 degrees)

Length of main boom = 84.0 ft Length of jib = 29.5 ft

Main boom sequence = 0-0-0-0-45-100 % LK = 21

Counterweight = 28.7 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.
	1(0)		2(...)		3(90)		6(...)		
	A	B C D	A B C D	A B C D	A B C D	A B C D			
16.4	39.7	51 51 48 48	53 48 51 47(59)	52 46 52 47					
		50 46 52 49(128)	47 47 51 51	46 50 49 52(232)					
19.7	39.7	54 54 45 45	59 45 52 41(59)	58 41 56 43					
		53 39 58 48(128)	44 44 54 54	39 53 48 58(232)					
23.0	39.7	57 57 41 41	60 54 44 39(12)	63 35 60 39					
		63 35 60 39(90)	41 41 58 58	35 63 39 60(270)					
26.2	36.8	58 58 39 39	64 51 45 35(22)	65 32 62 36					
		64 31 63 37(95)	39 39 59 59	31 64 37 63(264)					
29.5	34.4	59 59 37 37	67 49 45 31(28)	67 28 63 34					
		65 26 65 36(100)	36 36 60 60	26 65 36 65(259)					
32.8	32.2	60 60 35 35	70 47 46 28(32)	69 25 65 31					
		66 22 67 34(103)	34 34 61 61	22 65 35 67(256)					
39.4	27.8	61 61 32 32	74 43 46 23(36)	72 20 67 27					
		66 17 71 33(107)	30 30 62 62	16 66 33 71(252)					
45.9	24.7	63 63 28 28	77 41 46 18(37)	75 15 69 24					
		67 11 74 31(110)	27 27 64 64	11 67 32 74(249)					
52.5	21.4	63 63 26 26	79 39 46 15(38)	76 12 70 21					
		70 8 75 27(106)	25 25 65 65	7 69 28 75(253)					
59.1	17.4	62 62 26 26	78 38 45 15(38)	75 11 69 20					
		69 7 74 26(106)	24 24 64 64	7 68 27 74(253)					
65.6	14.3	61 61 25 25	77 37 44 14(38)	74 10 69 20					
		68 6 73 26(106)	23 23 63 63	6 67 26 73(253)					
72.2	11.9	61 61 24 24	77 37 44 13(38)	74 9 68 19					
		67 5 73 25(106)	22 22 63 63	5 67 26 73(253)					
78.7	10.1	61 61 23 23	77 35 44 12(39)	74 7 69 18					
		67 3 73 25(107)	21 21 63 63	3 66 25 73(252)					

85.3 8.4 60 60 23 23 77 35 43 11(39) 74 7 68 17
 66 3 73 24(107) 21 21 63 63 2 66 25 73(252)
 91.9 7.1 60 60 22 22 77 34 43 10(39) 74 6 68 17
 67 2 73 24(107) 20 20 63 63 1 66 24 73(252)
 98.4 6.0 60 60 22 22 78 33 43 9(40) 75 5 69 16
 66 0 74 23(108) 19 19 63 63 0 66 24 74(251)

 HA= 84.0 HI= 29.5 GGW= 28.7 SL= 0.0 MAX(A,B,C,D)= 7.3 6.4 6.9 6.9

Main boom and fixed jib (jib angle 0.0 degrees)
 Length of main boom = 96.5 ft Length of jib = 29.5 ft
 Main boom sequence = 0-0-0-0-90-90 % LK = 28
 Counterweight = 28.7 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
		1(0)		2(...)		3(90)		6(...)						
		A	B	C	D	A	B	C	D		A	B	C	D
19.7	39.7	54	54	45	45	59	45	52	41(59)	58	41	56	43	
		53	39	58	48(128)	44	44	55	55	39	53	48	58(232)	
23.0	39.7	57	57	41	41	60	54	44	39(13)	63	35	60	39	
		63	35	60	39(90)	41	41	58	58	35	63	39	60(270)	
26.2	39.7	61	61	38	38	68	51	46	33(27)	68	30	64	35	
		66	29	66	37(99)	38	38	61	61	28	66	37	66(260)	
29.5	39.0	63	63	35	35	74	47	48	28(34)	73	25	67	31	
		68	22	71	36(105)	35	35	63	63	22	68	36	71(254)	
32.8	36.6	64	64	33	33	77	45	49	24(37)	75	22	69	29	
		69	18	73	35(108)	33	33	65	65	18	68	35	73(251)	
39.4	32.6	66	66	29	29	82	43	48	18(38)	79	15	72	24	
		70	11	78	32(111)	28	28	67	67	11	70	33	78(248)	
45.9	26.9	65	65	27	27	82	40	47	16(39)	79	13	72	22	
		71	8	77	28(107)	26	26	67	67	8	71	29	77(252)	
52.5	21.4	63	63	26	26	79	39	46	15(38)	77	12	70	21	
		70	8	75	27(106)	25	25	65	65	7	69	28	75(253)	
59.1	17.4	62	62	26	26	78	38	45	15(38)	75	11	69	20	
		69	7	74	26(106)	24	24	64	64	6	68	27	74(253)	
65.6	14.3	61	61	25	25	77	37	44	14(38)	74	10	69	19	
		68	6	73	26(106)	23	23	63	63	6	67	26	73(253)	
72.2	11.9	61	61	24	24	77	37	44	13(38)	74	9	68	19	
		67	5	73	25(106)	22	22	63	63	5	67	26	73(253)	
78.7	9.9	60	60	24	24	77	35	44	12(39)	74	8	68	18	
		67	4	73	25(107)	21	21	63	63	4	66	25	73(252)	
85.3	8.4	60	60	23	23	77	35	43	11(39)	74	7	68	17	
		67	2	73	24(107)	20	20	63	63	2	66	25	73(252)	
91.9	7.1	60	60	22	22	77	34	43	10(39)	74	6	69	17	
		67	1	73	24(107)	20	20	63	63	1	66	24	74(252)	
98.4	6.0	60	60	21	21	78	33	43	9(40)	75	5	69	16	
		66	0	74	23(108)	19	19	63	63	0	66	24	75(251)	
105.0	4.9	60	60	21	21	78	33	43	9(40)	75	4	69	15	
		66	0	75	22(108)	18	18	63	63	0	65	22	75(251)	
111.5	3.7	60	60	21	21	78	32	43	8(40)	74	4	69	15	
		65	0	75	22(108)	18	18	63	63	0	64	22	75(251)	

 HA= 96.5 HI= 29.5 GGW= 28.7 SL= 0.0 MAX(A,B,C,D)= 7.6 6.6 7.2 7.2

 Main boom and fixed jib (jib angle 0.0 degrees)
 Length of main boom = 100.4 ft Length of jib = 29.5 ft
 Main boom sequence = 0-0-0-0-100-100 % LK = 29
 Counterweight = 28.7 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]								(Pos.[Degrees])				0-360 Degr.
		1(0)				2(...)				3(90)				
		4(...)				5(180)				6(...)				
A	B	C	D	A	B	C	D	A	B	C	D			
23.0	39.7	57	57	41	41	60	54	44	39	(12)	63	35	60	39
		63	35	60	39	(90)	41	41	58	58	35	63	39	60(270)
26.2	37.7	59	59	39	39	65	51	45	34	(24)	66	31	62	36
		65	30	63	37	(96)	38	38	60	60	30	65	37	63(263)
29.5	35.3	60	60	37	37	69	48	46	30	(30)	68	28	64	33
		66	26	66	36	(101)	36	36	61	61	26	65	36	66(258)
32.8	32.6	61	61	35	35	71	46	46	28	(33)	70	25	65	31
		66	22	68	35	(104)	34	34	62	62	22	65	35	68(255)
39.4	28.9	62	62	31	31	76	43	47	22	(37)	73	19	68	26
		67	15	72	32	(108)	30	30	63	63	15	67	33	72(251)
45.9	25.4	63	63	28	28	78	41	46	18	(37)	76	14	70	23
		68	10	75	31	(110)	27	27	65	65	10	67	31	75(249)
52.5	21.6	63	63	26	26	79	39	46	15	(38)	77	11	71	21
		70	7	75	27	(106)	25	25	65	65	7	70	28	75(253)
59.1	17.4	62	62	26	26	78	38	45	15	(38)	75	11	69	20
		69	7	74	26	(106)	24	24	64	64	7	68	27	74(253)
65.6	14.3	61	61	25	25	77	37	44	14	(38)	74	10	69	20
		68	6	73	26	(106)	23	23	63	63	6	67	26	73(253)
72.2	11.9	61	61	24	24	77	37	44	13	(38)	74	9	68	19
		67	5	73	25	(106)	22	22	63	63	5	67	26	73(253)
78.7	10.1	61	61	23	23	77	35	44	12	(39)	74	8	69	18
		67	3	73	25	(107)	21	21	63	63	3	66	25	73(252)
85.3	8.4	60	60	23	23	77	35	43	11	(39)	74	7	68	17
		66	3	73	24	(107)	21	21	63	63	2	66	25	73(252)
91.9	7.1	60	60	22	22	77	34	43	11	(39)	74	6	68	17
		67	2	73	24	(107)	20	20	63	63	1	66	24	73(252)
98.4	6.0	60	60	22	22	78	33	43	9	(40)	74	5	69	16
		66	0	74	23	(108)	19	19	63	63	0	66	24	74(251)
105.0	4.9	60	60	21	21	78	33	43	9	(40)	75	4	69	15
		66	0	75	22	(108)	19	19	63	63	0	65	23	75(251)
111.5	3.7	60	60	21	21	77	32	43	9	(40)	74	4	68	15
		65	0	74	22	(108)	18	18	63	63	0	64	22	75(251)

 HA=100.4 HI= 29.5 GGW= 28.7 SL= 0.0 MAX(A,B,C,D)= 7.4 6.5 7.0 7.0

Main boom and fixed jib (jib angle 0.0 degrees)
 Length of main boom = 110.2 ft Length of jib = 29.5 ft
 Main boom sequence = 0-0-0-45-90-90 % LK = 36
 Counterweight = 28.7 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]								(Pos.[Degrees])				0-360 Degr.
		1(0)				2(...)				3(90)				
		4(...)				5(180)				6(...)				
A	B	C	D	A	B	C	D	A	B	C	D			

23.0	39.7	58	58	41	41	61	54	44	39(14)	63	35	60	39
		63	35	60	39(90)	41	41	58	58	35	63	39	60(270)
26.2	39.7	61	61	38	38	69	50	46	32(28)	69	30	64	35
		66	28	66	37(100)	38	38	61	61	28	66	37	66(259)
29.5	39.7	64	64	35	35	76	47	48	27(35)	74	24	69	31
		69	21	72	35(106)	34	34	64	64	21	69	36	72(253)
32.8	37.9	66	66	32	32	80	45	49	22(38)	77	20	71	28
		70	16	75	34(109)	32	32	66	66	16	70	35	75(250)
39.4	33.5	67	67	28	28	84	42	49	17(39)	81	14	74	23
		74	10	78	30(107)	28	28	68	68	9	73	30	79(252)
45.9	26.5	65	65	27	27	82	40	47	15(39)	79	12	72	21
		71	8	77	28(107)	26	26	67	67	8	71	29	77(252)
52.5	20.9	63	63	26	26	79	39	46	15(38)	77	11	70	21
		70	7	75	27(106)	25	25	65	65	7	69	28	75(253)
59.1	17.0	62	62	25	25	78	38	45	14(38)	75	10	69	20
		69	6	74	26(106)	24	24	64	64	6	68	27	74(253)
65.6	13.9	61	61	25	25	77	37	44	14(38)	74	9	69	19
		68	6	73	26(106)	23	23	63	63	5	67	26	73(253)
72.2	11.5	61	61	24	24	77	36	44	13(39)	74	9	68	19
		67	4	73	25(107)	22	22	63	63	4	66	26	73(252)
78.7	9.5	60	60	23	23	77	35	44	12(39)	74	8	68	18
		66	3	73	25(107)	21	21	63	63	3	66	25	73(252)
85.3	7.9	60	60	23	23	77	35	43	11(39)	74	7	68	17
		67	2	73	24(107)	20	20	63	63	2	66	24	73(252)
91.9	6.6	60	60	22	22	77	34	43	10(39)	74	6	69	16
		67	1	73	23(107)	19	19	63	63	1	66	24	74(252)
98.4	5.5	60	60	21	21	78	33	43	9(40)	75	4	69	15
		66	0	75	23(108)	19	19	63	63	0	65	23	75(251)
105.0	4.2	60	60	21	21	77	33	43	9(40)	74	4	68	15
		65	0	74	23(108)	19	19	63	63	0	65	23	74(251)
111.5	3.3	60	60	21	21	78	32	43	8(40)	74	4	69	15
		65	0	75	21(108)	18	18	63	63	0	64	22	75(251)
118.1	2.4	60	60	20	20	78	32	43	8(40)	74	3	69	14
		64	0	76	21(108)	17	17	63	63	0	63	21	76(251)

 HA=110.2 HI= 29.5 GGW= 28.7 SL= 0.0 MAX(A,B,C,D)= 7.8 6.8 7.3 7.3

Main boom and fixed jib (jib angle 0.0 degrees)

Length of main boom = 114.5 ft Length of jib = 29.5 ft

Main boom sequence = 0-0-0-45-100-100 % LK = 37

Counterweight = 28.7 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
	1(0)		2(...)		3(90)		6(...)						
	A	B	C	D	A	B	C	D					
26.2	38.4	60	60	38	38	67	51	46	33(26)	67	30	63	35
		65	29	65	37(98)	38	38	60	60	29	65	37	65(261)
29.5	35.9	61	61	36	36	70	48	46	30(31)	70	27	65	32
		67	25	67	35(102)	35	35	62	62	24	66	36	67(257)
32.8	33.7	62	62	34	34	73	45	47	26(35)	72	23	67	30
		67	21	70	34(105)	33	33	63	63	20	67	35	70(254)
39.4	29.5	63	63	30	30	78	42	48	20(39)	75	18	69	26
		68	14	74	32(109)	29	29	64	64	14	67	33	74(250)

45.9	26.5	65	65	27	27	82	40	47	16(39)	78	12	72	22
		71	8	77	28(107)	26	26	66	66	8	71	29	77(252)
52.5	21.2	63	63	26	26	80	39	46	15(39)	77	11	71	21
		70	7	75	27(107)	24	24	65	65	7	69	28	75(252)
59.1	17.2	62	62	25	25	78	38	45	14(38)	75	10	70	20
		69	6	74	26(106)	23	23	64	64	6	68	27	74(253)
65.6	14.1	62	62	25	25	78	37	45	13(39)	75	9	69	19
		67	5	74	26(107)	22	22	63	63	5	67	26	74(252)
72.2	11.7	61	61	24	24	77	36	44	13(39)	74	8	69	19
		67	4	73	25(107)	22	22	63	63	4	67	26	73(252)
78.7	9.7	61	61	23	23	77	35	44	12(39)	74	7	69	18
		67	3	73	25(107)	21	21	63	63	3	66	25	73(252)
85.3	7.9	60	60	23	23	77	35	43	11(39)	74	7	68	17
		66	2	73	24(107)	20	20	63	63	2	66	25	73(252)
91.9	6.6	60	60	22	22	77	34	43	10(39)	74	6	68	17
		67	1	73	24(107)	20	20	63	63	1	66	24	73(252)
98.4	5.5	60	60	21	21	78	33	43	9(40)	75	5	69	16
		66	0	74	23(108)	19	19	63	63	0	65	24	74(251)
105.0	4.4	60	60	21	21	78	33	43	9(40)	75	4	69	15
		65	0	75	22(108)	18	18	63	63	0	65	22	75(251)
111.5	3.3	60	60	21	21	77	32	43	8(40)	74	4	68	15
		65	0	75	22(108)	18	18	63	63	0	64	22	75(251)
118.1	2.4	60	60	21	21	77	32	43	8(40)	74	3	68	15
		64	0	75	21(108)	18	18	63	63	0	63	21	75(251)

 HA=114.5 HI= 29.5 GGW= 28.7 SL= 0.0 MAX(A,B,C,D)= 7.6 6.6 7.1 7.1

Main boom and fixed jib (jib angle 0.0 degrees)
 Length of main boom = 124.3 ft Length of jib = 29.5 ft
 Main boom sequence = 0-0-0-90-90-90 % LK = 45
 Counterweight = 28.7 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
	1(0)		2(...)		3(90)		6(...)						
	A	B	C	D	A	B	C	D	A	B	C	D	
29.5	39.7	64	64	35	35	76	47	49	26(36)	75	24	69	30
		69	21	72	35(106)	34	34	65	65	21	69	35	72(253)
32.8	37.7	66	66	32	32	80	44	50	22(39)	77	20	71	27
		70	16	75	34(109)	32	32	66	66	16	70	34	76(250)
39.4	31.5	66	66	29	29	81	42	48	18(38)	79	15	72	24
		70	11	77	32(111)	28	28	67	67	11	69	32	77(248)
45.9	25.6	65	65	27	27	81	41	47	16(38)	78	13	71	22
		71	9	76	28(106)	26	26	66	66	8	71	28	76(253)
52.5	20.7	63	63	26	26	80	38	46	15(39)	77	11	71	21
		70	7	75	27(107)	24	24	65	65	7	69	28	75(252)
59.1	16.8	62	62	25	25	78	37	45	14(39)	75	10	70	20
		68	6	74	26(107)	23	23	64	64	6	68	27	74(252)
65.6	13.7	61	61	24	24	78	36	45	13(39)	75	9	69	19
		67	5	74	26(107)	22	22	63	63	5	67	26	74(252)
72.2	11.2	61	61	24	24	77	36	44	12(39)	74	8	69	18
		67	4	73	25(107)	22	22	63	63	4	67	26	73(252)
78.7	9.3	61	61	23	23	77	35	44	11(39)	74	7	69	17
		67	3	73	24(107)	21	21	63	63	3	66	25	73(252)

85.3	7.7	60	60	22	22	77	34	43	11(39)	74	6	69	17
		67	2	74	24(107)	20	20	63	63	1	66	24	74(252)
91.9	6.2	60	60	22	22	77	34	43	10(39)	74	6	69	16
		67	1	73	23(107)	19	19	63	63	1	66	24	73(252)
98.4	5.1	60	60	21	21	78	33	43	9(40)	75	4	69	15
		66	0	74	23(108)	19	19	63	63	0	65	23	75(251)
105.0	3.7	60	60	21	21	77	33	43	9(40)	74	4	68	15
		65	0	74	23(108)	18	18	62	62	0	65	23	74(251)
111.5	2.9	60	60	21	21	78	32	43	8(40)	74	4	69	15
		65	0	75	21(108)	18	18	63	63	0	64	22	75(251)

HA=124.3 HI= 29.5 GGW= 28.7 SL= 0.0 MAX(A,B,C,D)= 7.6 6.6 7.2 7.2

Main boom and fixed jib (jib angle 0.0 degrees)

Length of main boom = 130.9 ft Length of jib = 29.5 ft

Main boom sequence = 0-0-0-100-100-100 % LK = 46

Counterweight = 28.7 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.
	1(0)		2(...)		3(90)		6(...)		
	A	B	C	D	A	B	C	D	
29.5 35.3	61	61	36	36	70	48	46	30(31)	69 27 65 32
	66	24	67	35(102)	35	35	61	61	24 66 36 67(257)
32.8 33.3	62	62	34	34	73	45	47	26(35)	72 23 67 30
	67	20	70	34(106)	33	33	63	63	20 66 35 70(253)
39.4 29.8	64	64	30	30	79	41	48	20(39)	76 17 70 25
	68	13	75	32(110)	29	29	65	65	13 68 33 75(249)
45.9 25.1	64	64	28	28	80	41	47	17(38)	77 13 71 22
	71	9	75	28(106)	26	26	65	65	9 70 29 75(253)
52.5 20.7	63	63	26	26	80	38	46	15(39)	77 11 71 21
	70	7	75	27(107)	24	24	65	65	7 69 28 75(252)
59.1 16.8	62	62	25	25	78	37	45	14(39)	75 10 70 20
	68	6	74	26(107)	23	23	64	64	6 68 27 74(252)
65.6 13.7	61	61	24	24	78	36	45	13(39)	75 9 69 19
	67	5	74	26(107)	22	22	63	63	5 67 26 74(252)
72.2 11.2	61	61	24	24	77	36	44	12(39)	74 8 69 18
	67	4	73	25(107)	22	22	63	63	4 67 26 73(252)
78.7 9.3	61	61	23	23	77	35	44	11(39)	74 7 69 18
	67	3	73	24(107)	21	21	63	63	3 66 25 73(252)
85.3 7.7	60	60	22	22	77	34	43	11(39)	74 6 69 17
	67	2	73	24(107)	20	20	63	63	1 66 24 74(252)
91.9 6.2	60	60	22	22	77	34	43	10(39)	74 6 68 16
	67	1	73	23(107)	19	19	63	63	1 66 24 73(252)
98.4 5.1	60	60	21	21	78	33	43	9(40)	75 4 69 15
	66	0	74	23(108)	19	19	63	63	0 65 23 75(251)
105.0 3.7	60	60	21	21	77	33	43	9(40)	74 4 68 15
	65	0	74	23(108)	18	18	62	62	0 65 23 74(251)
111.5 2.9	60	60	21	21	78	32	43	8(40)	74 4 69 15
	65	0	75	21(108)	18	18	63	63	0 64 22 75(251)

HA=130.9 HI= 29.5 GGW= 28.7 SL= 0.0 MAX(A,B,C,D)= 7.4 6.5 7.0 7.0

Main boom and fixed jib (jib angle 0.0 degrees)

Length of main boom = 138.1 ft Length of jib = 29.5 ft
 Main boom sequence = 0-0-45-90-90-90 % LK = 54
 Counterweight = 28.7 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]								(Pos.[Degrees])				0-360 Degr.	
		1(0)		2(...)		3(90)		4(...)		5(180)		6(...)			
		A	B	C	D	A	B	C	D	A	B	C	D		
32.8	36.8	65	65	32	32	80	44	49	22	(39)	77	20	71	27	
		70	16	75	34	(109)	31	31	66	66		16	70	34	75
39.4	29.1	64	64	30	30		78	43	47	19	(37)	76	16	70	24
		68	12	75	32	(110)	28	28	65	65		12	68	32	75
45.9	23.6	63	63	28	28		78	40	46	17	(38)	76	14	70	22
		69	10	74	28	(106)	26	26	65	65		10	69	29	74
52.5	19.2	62	62	26	26		78	39	45	15	(38)	75	12	69	21
		69	8	74	27	(106)	24	24	64	64		7	68	28	74
59.1	15.9	62	62	25	25		78	37	45	14	(39)	75	10	69	20
		68	6	74	26	(107)	23	23	64	64		6	68	27	74
65.6	13.0	62	62	24	24		78	36	44	13	(39)	75	9	69	19
		68	4	74	25	(107)	22	22	63	63		4	67	26	74
72.2	10.6	61	61	23	23		78	35	44	12	(39)	75	7	69	18
		67	3	74	25	(107)	21	21	63	63		3	67	25	74
78.7	8.6	61	61	23	23		77	35	43	11	(39)	74	7	69	17
		67	2	73	24	(107)	20	20	63	63		2	66	24	74
85.3	7.1	61	61	22	22		78	34	44	10	(40)	75	5	69	16
		67	1	74	24	(108)	19	19	63	63		0	66	24	74
91.9	5.5	60	60	22	22		78	33	43	9	(40)	74	5	69	16
		66	0	74	23	(108)	19	19	63	63		0	66	24	74
98.4	4.2	60	60	21	21		78	33	43	9	(40)	74	4	69	15
		65	0	74	22	(108)	18	18	63	63		0	65	23	75
105.0	3.1	60	60	21	21		78	32	43	8	(40)	74	4	69	15
		65	0	75	21	(108)	18	18	63	63		0	64	22	75

HA=138.1 HI= 29.5 GGW= 28.7 SL= 0.0 MAX(A,B,C,D)= 7.4 6.5 7.0 7.0

Main boom and fixed jib (jib angle 0.0 degrees)

Length of main boom = 145.0 ft Length of jib = 29.5 ft
 Main boom sequence = 0-0-45-100-100-100 % LK = 55
 Counterweight = 28.7 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]								(Pos.[Degrees])				0-360 Degr.	
		1(0)		2(...)		3(90)		4(...)		5(180)		6(...)			
		A	B	C	D	A	B	C	D	A	B	C	D		
32.8	33.1	62	62	33	33		74	45	47	25	(35)	72	22	67	29
		67	19	71	34	(106)	33	33	63	63		19	67	34	71
39.4	28.7	63	63	30	30		78	41	48	20	(39)	75	17	69	25
		68	13	74	32	(109)	29	29	65	65		13	68	32	74
45.9	23.1	63	63	28	28		77	41	46	18	(37)	75	14	69	23
		67	10	74	30	(110)	26	26	64	64		10	66	31	74
52.5	19.0	62	62	26	26		77	39	45	16	(38)	75	12	69	21
		68	8	73	27	(106)	25	25	64	64		8	68	28	73
59.1	15.4	61	61	25	25		77	38	44	15	(38)	74	11	69	20
		68	7	73	26	(106)	23	23	63	63		6	67	27	73

65.6	12.8	61	61	24	24	77	36	44	13(39)	74	9	69	19
		67	5	73	26(107)	22	22	63	63	5	67	26	73(252)
72.2	10.6	61	61	23	23	77	35	44	12(39)	75	7	69	18
		67	3	73	25(107)	21	21	63	63	3	67	25	74(252)
78.7	8.6	61	61	23	23	77	35	43	11(39)	74	7	69	17
		67	2	73	24(107)	20	20	63	63	2	66	25	74(252)
85.3	6.8	60	60	22	22	77	34	43	11(39)	74	6	68	17
		67	2	73	24(107)	20	20	63	63	1	66	24	73(252)
91.9	5.5	60	60	22	22	78	33	43	9(40)	74	5	69	16
		66	0	74	23(108)	19	19	63	63	0	66	24	74(251)
98.4	4.2	60	60	21	21	77	33	43	9(40)	74	4	69	15
		65	0	74	23(108)	19	19	63	63	0	65	23	74(251)
105.0	3.1	60	60	21	21	77	32	43	8(40)	74	4	69	15
		65	0	75	22(108)	18	18	63	63	0	64	22	75(251)

HA=145.0 HI= 29.5 GGW= 28.7 SL= 0.0 MAX(A,B,C,D)= 7.3 6.3 6.9 7.0

Main boom and fixed jib (jib angle 0.0 degrees)
 Length of main boom = 152.2 ft Length of jib = 29.5 ft
 Main boom sequence = 0-0-90-90-90-90 % LK = 62
 Counterweight = 28.7 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.			
		1(0)		2(...)		3(90)		6(...)					
		4(...)		5(180)		6(...)							
		A	B	C	D	A	B	C	D	A	B	C	D
39.4	26.9	62	62	30	30	76	41	47	21(38)	74	17	68	25
		67	14	73	32(109)	29	29	64	64	13	66	32	73(250)
45.9	21.6	62	62	28	28	76	40	45	18(37)	73	15	68	23
		66	11	73	30(109)	27	27	63	63	11	66	31	73(250)
52.5	17.6	61	61	27	27	76	39	44	16(37)	73	13	68	22
		68	9	72	27(105)	25	25	63	63	9	67	28	72(254)
59.1	14.3	61	61	26	26	76	37	44	15(38)	73	11	68	20
		67	7	72	26(106)	24	24	63	63	7	67	27	72(253)
65.6	11.7	60	60	24	24	76	37	44	13(38)	73	9	68	19
		67	5	72	25(106)	22	22	63	63	5	66	26	73(253)
72.2	9.3	60	60	24	24	76	36	43	13(38)	73	8	67	19
		66	4	72	25(106)	22	22	62	62	4	66	25	72(253)
78.7	7.5	60	60	23	23	76	35	43	12(39)	73	7	68	17
		66	3	73	24(107)	21	21	62	62	3	65	25	73(252)
85.3	6.0	60	60	22	22	77	34	43	11(39)	73	6	68	17
		66	2	73	24(107)	20	20	62	62	2	65	24	73(252)
91.9	4.4	59	59	22	22	76	34	43	10(39)	73	6	68	16
		66	1	72	23(107)	19	19	62	62	1	65	24	73(252)
98.4	3.3	60	60	21	21	77	33	42	9(39)	73	4	68	15
		66	0	73	23(107)	19	19	62	62	0	65	23	73(252)

HA=152.2 HI= 29.5 GGW= 28.7 SL= 0.0 MAX(A,B,C,D)= 7.1 6.2 6.8 6.8

Main boom and fixed jib (jib angle 0.0 degrees)
 Length of main boom = 161.4 ft Length of jib = 29.5 ft
 Main boom sequence = 0-0-100-100-100-100 % LK = 63
 Counterweight = 28.7 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]								(Pos.[Degrees])				0-360 Degr.												
	1(0)		2(...)				3(90)		4(...)				5(180)				6(...)								
	A	B	C	D	A	B	C	D	A	B	C	D	A	B	C	D	A	B	C	D					
39.4	26.0	62	62	30	30	75	42	46	21(37)	73	18	67	26	66	15	71	32(108)	29	29	63	63	15	66	32	71(251)
45.9	20.9	61	61	29	29	75	41	45	19(36)	73	15	67	24	65	11	72	31(109)	27	27	63	63	11	65	31	72(250)
52.5	17.0	60	60	27	27	75	39	44	17(37)	72	13	67	22	67	10	71	28(105)	25	25	62	62	10	66	28	71(254)
59.1	13.9	60	60	26	26	75	38	44	15(37)	73	11	67	21	67	8	71	26(105)	24	24	62	62	7	66	27	71(254)
65.6	11.2	60	60	25	25	75	37	43	14(38)	73	10	67	20	66	6	71	26(106)	23	23	62	62	6	66	26	72(253)
72.2	9.0	60	60	24	24	75	36	43	13(38)	73	9	67	19	66	5	72	25(106)	22	22	62	62	5	65	25	72(253)
78.7	7.1	59	59	23	23	75	35	43	13(38)	72	8	67	18	66	4	71	24(106)	21	21	62	62	4	65	25	71(253)
85.3	5.5	59	59	23	23	75	34	43	11(39)	72	7	67	17	65	3	72	24(107)	20	20	62	62	2	65	24	72(252)
91.9	4.2	59	59	22	22	76	34	43	11(39)	73	6	67	17	65	2	72	24(107)	19	19	62	62	2	65	24	72(252)
98.4	3.1	59	59	21	21	76	33	42	10(39)	73	5	68	16	65	0	72	23(107)	19	19	62	62	0	65	23	73(252)

HA=161.4 HI= 29.5 GGW= 28.7 SL= 0.0 MAX(A,B,C,D)= 7.1 6.2 6.7 6.7

Main boom and fixed jib (jib angle 0.0 degrees)

Length of main boom = 166.0 ft Length of jib = 29.5 ft

Main boom sequence = 0-45-90-90-90-90 % LK = 68

Counterweight = 28.7 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]								(Pos.[Degrees])				0-360 Degr.												
	1(0)		2(...)				3(90)		4(...)				5(180)				6(...)								
	A	B	C	D	A	B	C	D	A	B	C	D	A	B	C	D	A	B	C	D					
39.4	24.5	61	61	30	30	74	42	46	21(37)	72	18	67	26	65	15	71	32(108)	29	29	62	62	15	65	32	71(251)
45.9	19.4	60	60	29	29	73	41	44	20(35)	71	16	66	24	65	12	71	30(108)	27	27	62	62	12	64	31	71(251)
52.5	15.4	60	60	27	27	73	39	43	18(36)	71	14	66	22	64	10	71	29(109)	25	25	62	62	9	63	30	71(250)
59.1	12.3	59	59	26	26	73	38	43	16(37)	71	12	66	21	66	8	70	26(105)	24	24	61	61	8	65	27	70(254)
65.6	9.7	59	59	25	25	73	37	43	15(37)	71	11	66	20	65	7	70	26(105)	23	23	61	61	7	65	26	70(254)
72.2	7.7	59	59	24	24	74	36	43	13(38)	71	9	67	19	65	5	71	25(106)	22	22	61	61	5	65	25	71(253)
78.7	6.0	59	59	23	23	74	35	42	12(38)	72	8	67	18	65	4	71	24(106)	21	21	61	61	4	65	25	71(253)
85.3	4.4	59	59	23	23	75	35	42	11(38)	72	7	67	17	65	3	71	24(106)	20	20	61	61	3	65	24	71(253)
91.9	2.9	58	58	22	22	74	34	42	11(38)	71	6	66	17	65	2	71	23(106)	20	20	61	61	2	64	24	71(253)

 HA=166.0 HI= 29.5 GGW= 28.7 SL= 0.0 MAX(A,B,C,D)= 6.9 6.1 6.6 6.6

Main boom and fixed jib (jib angle 0.0 degrees)
 Length of main boom = 175.5 ft Length of jib = 29.5 ft
 Main boom sequence = 0-45-100-100-100-100 % LK = 69
 Counterweight = 28.7 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]								(Pos.[Degrees])				0-360 Degr.
		1(0)		2(...)		3(90)		4(...)		5(180)		6(...)		
		A	B	C	D	A	B	C	D	A	B	C	D	
45.9	18.7	59	59	29	29	72	40	45	20(37)	70	17	66	25	
		64	13	70	31(108)	27	27	61	61	13	63	31	70(251)	
52.5	15.0	59	59	28	28	72	39	43	18(36)	70	14	66	23	
		63	10	70	30(109)	26	26	61	61	10	63	30	70(250)	
59.1	11.9	59	59	26	26	72	38	43	17(36)	70	13	66	22	
		65	9	69	26(104)	24	24	61	61	9	65	27	69(255)	
65.6	9.5	58	58	25	25	73	37	43	15(37)	71	11	66	20	
		65	7	70	26(105)	23	23	61	61	7	65	26	70(254)	
72.2	7.3	58	58	25	25	73	36	42	14(37)	70	10	66	20	
		65	6	70	25(105)	22	22	61	61	6	64	25	70(254)	
78.7	5.5	58	58	24	24	73	35	42	13(38)	71	9	66	19	
		64	5	70	25(106)	21	21	61	61	5	64	25	70(253)	
85.3	4.0	58	58	23	23	73	35	42	13(38)	71	8	66	18	
		64	4	70	24(106)	21	21	61	61	4	64	24	70(253)	
91.9	2.6	58	58	23	23	73	34	42	12(38)	71	7	66	17	
		64	3	70	24(106)	20	20	61	61	3	64	24	70(253)	

 HA=175.5 HI= 29.5 GGW= 28.7 SL= 0.0 MAX(A,B,C,D)= 6.8 6.0 6.5 6.5

Main boom and fixed jib (jib angle 0.0 degrees)
 Length of main boom = 180.1 ft Length of jib = 29.5 ft
 Main boom sequence = 0-90-90-90-90-90 % LK = 73
 Counterweight = 28.7 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]								(Pos.[Degrees])				0-360 Degr.
		1(0)		2(...)		3(90)		4(...)		5(180)		6(...)		
		A	B	C	D	A	B	C	D	A	B	C	D	
45.9	17.4	59	59	29	29	71	40	44	20(37)	69	17	65	25	
		64	13	69	30(107)	27	27	61	61	13	63	30	69(252)	
52.5	13.7	58	58	28	28	71	39	43	19(35)	69	14	65	23	
		63	11	69	29(108)	26	26	60	60	11	63	30	69(251)	
59.1	10.6	58	58	26	26	71	38	42	17(36)	69	13	65	22	
		64	9	68	26(104)	24	24	60	60	9	64	27	69(255)	
65.6	8.2	58	58	26	26	71	37	42	16(36)	69	11	65	21	
		64	8	69	26(104)	23	23	60	60	8	64	26	69(255)	
72.2	6.2	58	58	24	24	72	36	42	14(37)	70	10	65	20	
		64	6	69	25(105)	22	22	60	60	6	64	25	69(254)	
78.7	4.4	58	58	24	24	72	35	41	13(37)	70	9	65	19	
		64	5	69	24(105)	21	21	60	60	5	64	25	69(254)	
85.3	2.9	57	57	23	23	72	34	42	13(38)	70	8	65	18	
		63	4	69	24(106)	21	21	60	60	4	63	24	70(253)	

HA=180.1 HI= 29.5 GGW= 28.7 SL= 0.0 MAX(A,B,C,D)= 6.7 5.9 6.5 6.5

Main boom and fixed jib (jib angle 0.0 degrees)

Length of main boom = 191.9 ft Length of jib = 29.5 ft
Main boom sequence = 0-100-100-100-100-100 % LK = 74
Counterweight = 28.7 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]								(Pos.[Degrees])				0-360 Degr.
		1(0)		2(...)				3(90)		4(...)				
		A	B	C	D	A	B	C	D	A	B	C	D	
52.5	13.0	58	58	28	28	70	39	43	19(35)	68	15	64	24	
		62	11	68	30(108)	26	26	60	60	11	62	30	68(251)	
59.1	10.1	58	58	27	27	70	39	42	18(35)	69	13	64	22	
		64	10	67	26(103)	24	24	60	60	10	64	27	68(256)	
65.6	7.7	57	57	26	26	71	37	42	16(36)	69	12	64	21	
		64	9	68	26(104)	23	23	60	60	8	63	26	68(255)	
72.2	5.7	57	57	25	25	71	37	41	15(36)	69	10	65	20	
		64	7	68	25(104)	22	22	60	60	7	63	25	68(255)	
78.7	4.0	57	57	24	24	71	35	41	14(37)	69	9	65	19	
		63	6	68	25(105)	21	21	60	60	6	63	25	69(254)	
85.3	2.4	57	57	24	24	71	35	41	13(37)	69	9	65	19	
		63	5	68	24(105)	21	21	60	60	5	63	24	69(254)	

HA=191.9 HI= 29.5 GGW= 28.7 SL= 0.0 MAX(A,B,C,D)= 6.6 5.9 6.3 6.4

Main boom and fixed jib (jib angle 0.0 degrees)

Length of main boom = 193.9 ft Length of jib = 29.5 ft
Main boom sequence = 45-90-90-90-90-90 % LK = 76
Counterweight = 28.7 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]								(Pos.[Degrees])				0-360 Degr.
		1(0)		2(...)				3(90)		4(...)				
		A	B	C	D	A	B	C	D	A	B	C	D	
45.9	15.0	57	57	30	30	69	40	43	21(35)	67	17	63	25	
		62	14	67	30(106)	28	28	59	59	14	62	30	67(253)	
52.5	11.5	57	57	28	28	69	40	42	20(34)	67	15	63	24	
		62	12	67	29(107)	26	26	59	59	12	61	29	67(252)	
59.1	8.6	57	57	27	27	69	38	42	18(35)	68	13	63	22	
		61	10	67	28(108)	24	24	59	59	10	61	29	68(251)	
65.6	6.2	56	56	26	26	69	37	41	17(35)	68	12	63	21	
		63	9	67	26(103)	23	23	59	59	9	63	26	67(256)	
72.2	4.2	56	56	25	25	70	36	41	15(36)	68	11	64	20	
		63	7	67	25(104)	22	22	59	59	7	62	25	67(255)	
78.7	2.6	56	56	24	24	71	35	41	14(37)	68	9	64	19	
		63	6	68	24(105)	21	21	59	59	6	62	25	68(254)	

HA=193.9 HI= 29.5 GGW= 28.7 SL= 0.0 MAX(A,B,C,D)= 6.6 5.8 6.3 6.3

Main boom and fixed jib (jib angle 0.0 degrees)

Length of main boom = 205.7 ft Length of jib = 29.5 ft
Main boom sequence = 45-100-100-100-100-100 % LK = 77

Counterweight = 28.7 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
	1(0)				2(...)				3(90)				
	4(...)				5(180)				6(...)				
	A	B	C	D	A	B	C	D	A	B	C	D	
52.5	10.8	56	56	28	28	68	38	43	20(36)	66	16	63	24
		61	13	66	29(106)	26	26	58	58	13	61	30	66(253)
59.1	8.2	56	56	27	27	68	39	41	19(34)	67	14	63	23
		61	11	67	28(107)	25	25	59	59	10	61	29	67(252)
65.6	5.7	56	56	26	26	68	37	41	17(35)	67	13	63	22
		62	10	66	26(103)	24	24	58	58	9	62	26	66(256)
72.2	4.0	56	56	25	25	69	36	41	16(36)	67	11	63	21
		62	8	67	25(104)	22	22	59	59	8	62	26	67(255)
78.7	2.2	56	56	24	24	69	36	41	15(36)	67	10	63	20
		62	7	67	24(104)	22	22	58	58	7	62	25	67(255)

HA=205.7 HI= 29.5 GGW= 28.7 SL= 0.0 MAX(A,B,C,D)= 6.4 5.8 6.2 6.2

HA=205.7 HI= 29.5 GGW= 28.7 SL= 0.0 MAX(A,B,C,D)= 0.0 0.0 0.0 0.0

HA=205.7 HI= 29.5 GGW= 28.7 SL= 0.0 MAX(A,B,C,D)= 0.0 0.0 0.0 0.0

Programm L A M O S 9 9 Version 1.08 vom 29.09.02

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Eingabedatei: ilam.dat

Festdatei : /berechnung/tabellen/zentraledaten/lamosfd-ac/200-1.99dat

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H

DEMAG Mobile Cranes

O U T R I G G E R - L O A D I N G S

(Variance = +-10%)

PSI= 1.00

Crane : *** AC 200-1 *** mit HKHI fuer GA und MS

Outrigger width	=	18.7 ft	Outrigger length	=	27.7 ft
Outrigger "A"	X =	12.0 ft	Outrigger "A"	Y =	9.4 ft
Outrigger "B"	X =	12.0 ft	Outrigger "B"	Y =	-9.4 ft
Outrigger "C"	X =	-15.7 ft	Outrigger "C"	Y =	9.4 ft
Outrigger "D"	X =	-15.7 ft	Outrigger "D"	Y =	-9.4 ft

Main boom and fixed jib (jib angle 20.0 degrees)

Length of main boom = 40.7 ft Length of jib = 29.5 ft

Main boom sequence = 0-0-0-0-0-0 % LK = 1

Counterweight = 28.7 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
	1(0)				2(...)				3(90)				
	4(...)				5(180)				6(...)				
	A	B	C	D	A	B	C	D	A	B	C	D	
16.4	34.2	46	46	50	50	45	49	48	51(59)	45	50	47	50
		47	50	46	49(128)	49	49	47	47	50	47	49	46(232)

19.7	31.5	47	47	47	47	48	46	48	47(59)	48	46	49	47
		47	46	49	48(127)	46	46	49	49	46	47	48	49(232)
23.0	29.3	49	49	45	45	51	44	49	43(59)	50	42	50	44
		48	41	51	46(128)	44	44	50	50	41	48	46	51(232)
26.2	27.6	50	50	43	43	54	42	50	40(59)	53	38	53	41
		49	37	54	45(128)	41	41	51	51	37	49	45	54(232)
29.5	25.8	51	51	40	40	57	39	50	37(59)	56	35	54	39
		56	35	54	39(90)	39	39	53	53	35	56	39	54(270)
32.8	24.3	53	53	38	38	55	50	40	37(10)	58	32	56	36
		58	32	56	36(90)	37	37	54	54	32	58	36	56(270)
39.4	21.8	55	55	35	35	62	46	42	30(26)	63	26	60	32
		61	24	61	33(98)	33	33	57	57	24	61	34	61(261)
45.9	19.8	58	58	31	31	68	42	44	24(34)	67	20	63	27
		63	17	66	32(105)	30	30	59	59	17	62	32	66(254)
52.5	18.3	60	60	28	28	74	40	44	18(36)	72	14	67	23
		65	10	71	30(109)	26	26	62	62	10	64	30	71(250)

HA= 40.7 HI= 29.5 GGW= 28.7 SL= 0.0 MAX(A,B,C,D)= 6.9 6.0 6.6 6.6

Main boom and fixed jib (jib angle 20.0 degrees)

Length of main boom = 54.5 ft Length of jib = 29.5 ft

Main boom sequence = 0-0-0-0-0-45 % LK = 7

Counterweight = 28.7 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
	1(0)		2(...)		3(90)		6(...)						
	A	B	C	D	A	B	C	D	A	B	C	D	
19.7	33.1	48	48	47	47	49	47	49	47(59)	49	46	49	47
		48	46	49	48(127)	47	47	49	49	46	48	48	49(232)
23.0	31.1	50	50	45	45	52	44	49	43(59)	52	42	51	44
		49	41	52	47(128)	44	44	50	50	41	49	47	52(232)
26.2	29.1	51	51	43	43	55	42	50	40(59)	54	38	53	41
		50	37	55	45(128)	41	41	52	52	37	50	45	55(232)
29.5	27.8	52	52	40	40	59	40	51	36(59)	57	35	55	39
		57	35	55	39(90)	39	39	54	54	35	57	39	55(270)
32.8	26.2	54	54	38	38	56	50	41	36(13)	59	32	57	36
		59	32	57	36(90)	37	37	55	55	32	59	36	57(270)
39.4	23.8	56	56	35	35	64	46	43	29(28)	64	25	61	32
		62	24	62	34(99)	33	33	58	58	24	62	34	63(260)
45.9	21.8	59	59	31	31	70	42	45	23(35)	69	20	64	27
		63	17	67	32(106)	30	30	60	60	17	63	32	68(253)
52.5	20.3	61	61	28	28	75	40	45	18(37)	73	14	68	23
		65	10	73	30(110)	26	26	63	63	10	65	31	73(249)
59.1	17.6	62	62	26	26	78	38	45	15(38)	75	11	69	20
		69	7	73	26(106)	24	24	64	64	7	68	27	74(253)
65.6	14.3	61	61	25	25	77	37	44	14(38)	75	9	69	19
		68	6	73	26(106)	23	23	63	63	5	67	26	73(253)

HA= 54.5 HI= 29.5 GGW= 28.7 SL= 0.0 MAX(A,B,C,D)= 7.2 6.3 6.8 6.8

Main boom and fixed jib (jib angle 20.0 degrees)

Length of main boom = 68.6 ft Length of jib = 29.5 ft

Main boom sequence = 0-0-0-0-0-90 % LK = 13

Counterweight = 28.7 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]								(Pos.[Degrees])				0-360 Degr.
		1(0)				2(...)				3(90)				
		4(...)				5(180)				6(...)				
A	B	C	D	A	B	C	D	A	B	C	D			
23.0	31.7	50	50	45	45	52	44	50	43	(59)	52	42	52	44
		49	41	52	47(128)	44	44	51	51		41	49	47	52(232)
26.2	30.2	51	51	43	43	56	42	50	40	(59)	55	38	54	41
		50	37	55	46(128)	42	42	52	52		37	50	46	55(232)
29.5	28.7	53	53	41	41	59	40	51	36	(59)	57	35	56	39
		57	35	56	39(90)	39	39	54	54		35	57	39	56(270)
32.8	27.6	54	54	38	38	58	50	41	36	(15)	60	32	58	36
		60	32	58	36(90)	37	37	56	56		32	60	36	58(270)
39.4	25.4	57	57	35	35	65	46	43	29	(29)	65	25	62	31
		63	23	64	34(101)	33	33	58	58		23	62	34	64(258)
45.9	23.1	59	59	31	31	71	42	45	23	(35)	69	20	65	27
		64	17	68	32(106)	30	30	61	61		16	64	32	69(253)
52.5	21.2	62	62	28	28	76	40	45	18	(37)	73	15	68	23
		66	11	72	30(109)	26	26	63	63		10	65	30	73(250)
59.1	18.5	62	62	26	26	78	39	45	15	(38)	75	11	69	21
		69	7	73	27(106)	24	24	64	64		7	68	27	74(253)
65.6	15.2	61	61	25	25	77	37	44	14	(38)	74	10	69	20
		68	6	73	26(106)	23	23	63	63		6	67	27	73(253)
72.2	12.6	61	61	24	24	77	37	44	13	(38)	74	9	68	19
		67	5	73	25(106)	22	22	63	63		5	67	26	73(253)
78.7	10.4	60	60	24	24	76	36	43	13	(38)	73	8	68	18
		67	4	72	25(106)	21	21	63	63		4	66	25	73(253)
85.3	8.6	60	60	23	23	77	35	43	11	(39)	74	7	68	17
		67	2	73	24(107)	21	21	63	63		2	66	25	73(252)

HA= 68.6 HI= 29.5 GGW= 28.7 SL= 0.0 MAX(A,B,C,D)= 7.2 6.3 6.8 6.8

Main boom and fixed jib (jib angle 20.0 degrees)

Length of main boom = 70.2 ft Length of jib = 29.5 ft

Main boom sequence = 0-0-0-0-0-100 % LK = 14

Counterweight = 28.7 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]								(Pos.[Degrees])				0-360 Degr.
		1(0)				2(...)				3(90)				
		4(...)				5(180)				6(...)				
A	B	C	D	A	B	C	D	A	B	C	D			
23.0	32.0	50	50	45	45	53	44	50	43	(59)	52	42	52	44
		49	41	53	47(128)	44	44	51	51		41	49	47	53(232)
26.2	30.0	51	51	43	43	56	42	50	40	(59)	54	39	54	41
		50	37	55	46(128)	42	42	52	52		37	50	46	55(232)
29.5	28.0	52	52	41	41	58	40	51	37	(59)	56	35	55	39
		56	35	55	39(90)	40	40	53	53		35	56	39	55(270)
32.8	26.2	53	53	39	39	55	51	41	37	(9)	58	32	56	37
		58	32	56	37(90)	38	38	54	54		32	58	37	56(270)
39.4	23.4	55	55	35	35	62	47	42	31	(25)	62	27	60	33
		61	26	61	34(97)	34	34	56	56		26	61	34	61(262)
45.9	20.7	57	57	33	33	66	44	43	26	(31)	65	22	62	29
		62	20	64	32(102)	31	31	58	58		20	62	32	64(257)

52.5	18.7	58	58	30	30	70	41	44	22(36)	69	18	64	26
		63	15	68	31(107)	28	28	60	60	15	63	31	68(252)
59.1	17.0	60	60	28	28	74	40	44	18(36)	72	14	67	23
		64	10	71	30(109)	26	26	62	62	10	64	30	71(250)
65.6	15.2	61	61	25	25	77	38	44	15(38)	74	11	68	20
		67	7	73	26(106)	23	23	63	63	6	67	27	73(253)
72.2	12.6	60	60	25	25	76	37	44	14(38)	73	9	68	19
		67	6	72	26(106)	22	22	63	63	6	67	26	73(253)
78.7	10.6	60	60	24	24	77	35	44	12(39)	74	8	68	18
		67	4	73	25(107)	21	21	63	63	4	66	26	73(252)
85.3	8.8	60	60	23	23	77	35	43	11(39)	74	7	69	17
		67	2	73	24(107)	20	20	63	63	2	66	25	73(252)

HA= 70.2 HI= 29.5 GGW= 28.7 SL= 0.0 MAX(A,B,C,D)= 7.2 6.2 6.8 6.8

Main boom and fixed jib (jib angle 20.0 degrees)

Length of main boom = 82.3 ft Length of jib = 29.5 ft

Main boom sequence = 0-0-0-0-45-90 % LK = 20

Counterweight = 28.7 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.			
		1(0)		2(...)		3(90)		6(...)					
		A	B	C	D	A	B	C	D	A	B	C	D
26.2	31.1	52	52	43	43	57	42	51	39(59)	56	38	54	41
		50	37	56	46(128)	42	42	53	53	37	50	46	56(232)
29.5	29.8	54	54	40	40	54	53	41	40(4)	58	34	57	38
		58	34	57	38(90)	39	39	55	55	34	58	38	57(270)
32.8	28.4	55	55	38	38	59	50	42	35(18)	61	31	59	36
		61	31	59	36(91)	37	37	56	56	31	61	36	59(268)
39.4	26.2	58	58	34	34	67	45	44	28(31)	66	24	63	31
		63	22	65	34(102)	33	33	59	59	22	63	34	65(257)
45.9	24.5	61	61	30	30	74	41	46	21(37)	71	18	67	26
		65	15	71	32(108)	29	29	62	62	15	65	32	71(251)
52.5	22.7	63	63	27	27	78	40	46	16(38)	76	13	70	22
		69	9	74	28(106)	26	26	65	65	9	69	28	74(253)
59.1	18.7	62	62	26	26	78	39	45	15(38)	75	11	69	21
		69	7	74	27(106)	24	24	64	64	7	68	27	74(253)
65.6	15.4	61	61	25	25	77	38	44	14(38)	74	11	69	20
		68	6	73	26(106)	23	23	63	63	6	67	27	73(253)
72.2	12.8	61	61	25	25	76	37	44	14(38)	74	9	68	19
		67	6	73	26(106)	22	22	63	63	5	67	26	73(253)
78.7	10.6	60	60	24	24	76	36	43	13(38)	73	9	68	19
		67	5	72	25(106)	22	22	62	62	4	66	25	73(253)
85.3	8.8	60	60	23	23	76	35	43	12(39)	73	7	68	18
		66	3	73	25(107)	21	21	62	62	3	66	25	73(252)
91.9	7.5	60	60	22	22	77	34	43	11(39)	74	6	69	17
		67	2	73	24(107)	20	20	63	63	1	66	24	74(252)
98.4	6.2	60	60	22	22	78	33	43	9(40)	75	5	69	16
		66	0	74	23(108)	19	19	63	63	0	66	24	74(251)

HA= 82.3 HI= 29.5 GGW= 28.7 SL= 0.0 MAX(A,B,C,D)= 7.3 6.4 6.9 6.9

Main boom and fixed jib (jib angle 20.0 degrees)

Length of main boom = 84.0 ft Length of jib = 29.5 ft
 Main boom sequence = 0-0-0-0-45-100 % LK = 21
 Counterweight = 28.7 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
	1(0)				2(...)					3(90)			
	4(...)				5(180)					6(...)			
A	B	C	D	A	B	C	D	A	B	C	D		
26.2	30.9	52	52	43	43	57	42	51	39(59)	55	38	54	41
		50	37	56	46(128)	42	42	53	53	37	50	46	56(232)
29.5	29.1	53	53	41	41	60	40	51	36(59)	58	35	56	39
		58	35	56	39(90)	39	39	54	54	35	58	39	56(270)
32.8	27.6	54	54	39	39	58	50	42	36(15)	60	32	58	36
		60	32	58	36(90)	37	37	55	55	32	60	36	58(270)
39.4	24.5	56	56	35	35	63	46	43	30(27)	64	26	61	32
		62	25	62	34(99)	34	34	58	58	24	62	34	62(260)
45.9	22.0	58	58	32	32	68	43	44	25(33)	67	21	63	28
		63	19	66	32(104)	30	30	60	60	18	63	32	66(255)
52.5	20.1	60	60	29	29	73	40	45	20(37)	71	17	66	25
		65	13	70	31(108)	28	28	62	62	13	64	31	70(251)
59.1	18.5	62	62	26	26	77	39	45	16(38)	75	12	69	21
		68	8	73	27(106)	25	25	63	63	8	68	28	73(253)
65.6	15.4	61	61	26	26	77	38	44	15(38)	74	11	68	20
		68	7	73	26(106)	24	24	63	63	7	67	27	73(253)
72.2	12.8	61	61	25	25	76	37	44	14(38)	73	10	68	19
		67	6	72	26(106)	23	23	63	63	6	67	26	73(253)
78.7	10.8	60	60	24	24	76	36	43	13(38)	74	8	68	19
		67	4	73	25(106)	22	22	63	63	4	67	25	73(253)
85.3	9.0	60	60	23	23	77	35	43	12(39)	74	7	68	18
		66	3	73	24(107)	21	21	63	63	3	66	25	73(252)
91.9	7.5	60	60	22	22	77	34	43	11(39)	74	6	68	17
		66	2	73	24(107)	20	20	63	63	2	66	24	73(252)
98.4	6.2	60	60	22	22	77	34	43	10(39)	74	5	69	16
		67	1	73	23(107)	19	19	63	63	0	66	24	74(252)

HA= 84.0 HI= 29.5 GGW= 28.7 SL= 0.0 MAX(A,B,C,D)= 7.2 6.3 6.8 6.8

Main boom and fixed jib (jib angle 20.0 degrees)
 Length of main boom = 96.5 ft Length of jib = 29.5 ft
 Main boom sequence = 0-0-0-0-90-90 % LK = 28
 Counterweight = 28.7 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
	1(0)				2(...)					3(90)			
	4(...)				5(180)					6(...)			
A	B	C	D	A	B	C	D	A	B	C	D		
29.5	30.0	54	54	40	40	55	53	41	39(5)	59	34	57	38
		59	34	57	38(90)	39	39	55	55	34	59	38	57(270)
32.8	28.9	55	55	38	38	60	50	42	35(19)	62	31	59	35
		61	30	59	36(92)	37	37	56	56	30	61	36	60(267)
39.4	26.9	58	58	34	34	68	45	45	27(32)	67	24	63	30
		64	22	66	34(103)	33	33	60	60	21	63	34	66(256)
45.9	25.1	62	62	30	30	75	41	47	21(38)	73	18	67	26
		66	14	71	32(108)	29	29	63	63	14	66	32	71(251)

52.5	22.9	63	63	27	27	79	40	46	16(38)	76	13	70	22
		70	9	74	28(106)	26	26	65	65	9	69	28	75(253)
59.1	18.7	62	62	26	26	78	39	45	15(38)	75	12	69	21
		69	8	73	27(106)	24	24	64	64	7	68	28	74(253)
65.6	15.4	61	61	26	26	77	38	44	15(38)	74	11	68	20
		67	7	73	26(106)	24	24	63	63	7	67	27	73(253)
72.2	12.8	60	60	25	25	76	37	44	14(38)	73	10	68	20
		67	6	72	26(106)	23	23	63	63	6	66	26	73(253)
78.7	10.8	60	60	24	24	76	36	43	13(38)	73	9	68	19
		67	4	72	25(106)	22	22	63	63	4	66	25	73(253)
85.3	9.0	60	60	23	23	77	35	43	12(39)	73	7	68	18
		66	3	73	25(107)	21	21	63	63	3	66	25	73(252)
91.9	7.5	60	60	23	23	77	35	43	11(39)	73	7	68	17
		66	2	73	24(107)	20	20	62	62	2	66	24	73(252)
98.4	6.2	60	60	22	22	77	34	43	10(39)	74	6	68	17
		66	1	73	24(107)	20	20	62	62	1	66	24	73(252)
105.0	5.1	60	60	21	21	77	33	43	9(40)	74	5	69	16
		66	0	74	23(108)	19	19	63	63	0	65	24	74(251)
111.5	4.0	60	60	21	21	78	32	43	9(40)	74	4	69	15
		65	0	75	22(108)	18	18	63	63	0	64	22	75(251)

HA= 96.5 HI= 29.5 GGW= 28.7 SL= 0.0 MAX(A,B,C,D)= 7.3 6.4 6.9 7.0

Main boom and fixed jib (jib angle 20.0 degrees)
 Length of main boom = 100.4 ft Length of jib = 29.5 ft
 Main boom sequence = 0-0-0-0-100-100 % LK = 29
 Counterweight = 28.7 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.			
		1(0)		2(...)		3(90)		6(...)					
		4(...)		5(180)		6(...)							
		A	B	C	D	A	B	C	D	A	B	C	D
29.5	29.3	53	53	41	41	53	53	41	41(0)	58	35	56	39
		58	35	56	39(90)	39	39	54	54	35	58	39	56(270)
32.8	27.8	54	54	39	39	58	50	42	36(15)	60	32	58	36
		60	32	58	36(90)	37	37	56	56	32	60	36	58(270)
39.4	25.1	57	57	35	35	65	46	43	29(28)	65	26	61	32
		62	24	63	34(100)	34	34	58	58	24	62	34	63(259)
45.9	22.9	59	59	32	32	70	42	45	24(35)	69	20	64	28
		64	17	68	32(106)	30	30	60	60	17	63	33	68(253)
52.5	21.2	61	61	28	28	75	41	45	19(36)	73	15	67	24
		66	11	72	30(109)	27	27	63	63	11	65	31	72(250)
59.1	18.7	62	62	26	26	77	39	45	15(38)	75	12	69	21
		68	8	73	27(106)	24	24	64	64	8	68	28	73(253)
65.6	15.4	61	61	26	26	77	38	44	15(38)	74	11	68	20
		67	7	73	26(106)	24	24	63	63	7	67	27	73(253)
72.2	13.0	61	61	25	25	77	37	44	14(38)	74	10	68	19
		67	6	73	26(106)	23	23	63	63	6	67	26	73(253)
78.7	10.8	60	60	24	24	76	36	43	13(38)	73	9	68	19
		67	5	72	25(106)	22	22	62	62	5	66	25	72(253)
85.3	9.0	60	60	24	24	76	35	43	12(39)	73	8	68	18
		66	4	73	25(107)	21	21	62	62	4	66	25	73(252)
91.9	7.5	60	60	23	23	76	35	43	11(39)	73	7	68	17
		66	3	73	24(107)	21	21	62	62	3	65	25	73(252)

98.4 6.4 60 60 22 22 77 34 43 10(39) 74 6 68 16
 67 1 73 23(107) 19 19 63 63 1 66 24 73(252)
 105.0 5.3 60 60 21 21 78 33 43 9(40) 74 4 69 15
 66 0 74 23(108) 19 19 63 63 0 65 23 74(251)
 111.5 4.2 60 60 21 21 78 32 43 9(40) 75 4 69 15
 65 0 75 22(108) 18 18 63 63 0 65 22 75(251)

 HA=100.4 HI= 29.5 GGW= 28.7 SL= 0.0 MAX(A,B,C,D)= 7.2 6.3 7.0 7.0

Main boom and fixed jib (jib angle 20.0 degrees)
 Length of main boom = 110.2 ft Length of jib = 29.5 ft
 Main boom sequence = 0-0-0-45-90-90 % LK = 36
 Counterweight = 28.7 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.			
		1(0)		2(...)		3(90)		6(...)					
		4(...)		5(180)		6(...)							
		A	B	C	D	A	B	C	D				
32.8	29.3	56	56	38	38	61	50	43	34(21)	63	30	60	35
		62	29	60	36(94)	37	37	57	57	29	62	36	61(265)
39.4	27.6	60	60	33	33	70	45	45	26(33)	69	23	64	30
		65	20	67	33(104)	32	32	61	61	20	64	34	67(255)
45.9	25.8	62	62	29	29	76	42	46	20(36)	74	17	69	25
		67	12	73	31(109)	28	28	64	64	12	67	32	73(250)
52.5	22.7	63	63	27	27	79	40	46	16(38)	77	12	70	22
		70	8	75	28(106)	25	25	65	65	8	69	28	75(253)
59.1	18.5	62	62	26	26	78	39	45	15(38)	75	11	69	21
		69	7	74	27(106)	24	24	64	64	7	68	27	74(253)
65.6	15.2	61	61	25	25	77	38	44	14(38)	74	10	69	20
		68	6	73	26(106)	23	23	63	63	6	67	27	73(253)
72.2	12.6	61	61	25	25	76	37	44	14(38)	74	9	68	19
		67	6	73	26(106)	22	22	63	63	5	67	26	73(253)
78.7	10.4	60	60	24	24	76	36	43	13(38)	73	9	68	19
		67	5	72	25(106)	22	22	62	62	4	66	25	72(253)
85.3	8.8	60	60	23	23	77	35	43	11(39)	74	7	68	18
		67	3	73	24(107)	21	21	63	63	3	66	25	73(252)
91.9	7.3	60	60	22	22	77	34	43	11(39)	74	6	68	17
		66	2	73	24(107)	20	20	63	63	2	66	24	73(252)
98.4	6.0	60	60	22	22	77	34	43	10(39)	74	6	68	16
		66	1	73	23(107)	19	19	63	63	1	66	24	73(252)
105.0	4.9	60	60	21	21	78	33	43	9(40)	74	4	69	15
		66	0	74	23(108)	19	19	63	63	0	65	23	74(251)
111.5	3.7	60	60	21	21	78	32	43	9(40)	74	4	69	15
		65	0	75	22(108)	18	18	63	63	0	64	22	75(251)
118.1	2.6	60	60	21	21	77	32	43	8(40)	74	4	68	15
		64	0	75	22(108)	18	18	62	62	0	64	22	75(251)

 HA=110.2 HI= 29.5 GGW= 28.7 SL= 0.0 MAX(A,B,C,D)= 7.4 6.5 6.9 7.0

Main boom and fixed jib (jib angle 20.0 degrees)
 Length of main boom = 114.5 ft Length of jib = 29.5 ft
 Main boom sequence = 0-0-0-45-100-100 % LK = 37
 Counterweight = 28.7 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]								(Pos.[Degrees])				0-360 Degr.												
	1(0)		2(...)				3(90)		4(...)				5(180)				6(...)								
	A	B	C	D	A	B	C	D	A	B	C	D	A	B	C	D	A	B	C	D					
32.8	28.0	55	55	38	38	59	50	42	35(17)	61	31	58	36	61	31	58	36(90)	37	37	56	56	31	61	36	59(269)
39.4	25.6	58	58	34	34	66	46	44	28(30)	66	25	62	31	63	23	64	34(101)	33	33	59	59	23	63	34	64(258)
45.9	23.6	60	60	31	31	72	42	45	22(36)	70	19	66	26	65	16	69	32(107)	29	29	61	61	15	64	32	69(252)
52.5	21.8	62	62	28	28	77	40	45	17(37)	75	14	69	22	69	10	73	28(105)	26	26	64	64	10	69	28	73(254)
59.1	18.5	62	62	26	26	78	39	45	15(38)	75	11	69	21	69	7	73	27(106)	24	24	64	64	7	68	27	74(253)
65.6	15.2	61	61	25	25	77	38	44	15(38)	74	11	69	20	68	7	73	26(106)	23	23	63	63	6	67	27	73(253)
72.2	12.6	61	61	25	25	76	37	44	14(38)	73	10	68	19	67	6	72	26(106)	22	22	63	63	6	67	26	73(253)
78.7	10.6	60	60	24	24	76	36	43	13(38)	74	8	68	19	67	4	73	25(106)	22	22	63	63	4	66	25	73(253)
85.3	8.8	60	60	23	23	77	35	43	12(39)	73	7	68	18	66	3	73	24(107)	21	21	63	63	3	66	25	73(252)
91.9	7.3	60	60	23	23	77	34	43	11(39)	73	7	68	17	66	2	73	24(107)	20	20	62	62	2	66	24	73(252)
98.4	6.2	60	60	22	22	77	34	43	10(39)	74	5	69	16	67	1	73	23(107)	19	19	63	63	0	66	24	74(252)
105.0	5.1	60	60	21	21	78	33	43	9(40)	75	4	69	15	66	0	75	22(108)	19	19	63	63	0	65	23	75(251)
111.5	3.7	60	60	21	21	77	32	43	9(40)	74	4	68	15	65	0	74	22(108)	18	18	62	62	0	65	23	74(251)
118.1	2.9	60	60	21	21	78	32	43	8(40)	74	3	69	15	64	0	75	21(108)	18	18	63	63	0	64	21	75(251)

HA=114.5 HI= 29.5 GGW= 28.7 SL= 0.0 MAX(A,B,C,D)= 7.3 6.4 7.0 7.0

Main boom and fixed jib (jib angle 20.0 degrees)
Length of main boom = 124.3 ft Length of jib = 29.5 ft
Main boom sequence = 0-0-0-90-90-90 % LK = 45
Counterweight = 28.7 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]								(Pos.[Degrees])				0-360 Degr.												
	1(0)		2(...)				3(90)		4(...)				5(180)				6(...)								
	A	B	C	D	A	B	C	D	A	B	C	D	A	B	C	D	A	B	C	D					
39.4	27.6	60	60	33	33	70	44	45	26(34)	69	22	65	29	65	20	68	34(105)	32	32	61	61	20	64	34	68(254)
45.9	26.0	63	63	29	29	77	42	46	19(37)	75	16	69	24	67	11	74	32(110)	28	28	64	64	11	67	32	74(249)
52.5	22.5	63	63	27	27	79	40	46	16(38)	77	12	70	21	70	8	75	28(106)	25	25	65	65	8	69	28	75(253)
59.1	18.1	62	62	26	26	78	39	45	15(38)	75	11	69	21	68	7	73	27(106)	24	24	64	64	7	68	27	74(253)
65.6	14.8	61	61	25	25	77	37	44	15(38)	74	11	68	20	67	7	73	26(106)	23	23	63	63	6	67	27	73(253)

72.2	12.3	61	61	24	24	77	37	44	13(38)	74	9	68	19
		67	5	73	25(106)	22	22	63	63	5	67	26	73(253)
78.7	10.1	60	60	24	24	76	36	43	13(38)	73	8	68	19
		67	4	72	25(106)	22	22	63	63	4	66	25	73(253)
85.3	8.4	60	60	23	23	76	35	43	12(39)	73	7	68	18
		66	3	73	24(107)	21	21	62	62	3	66	25	73(252)
91.9	7.1	60	60	22	22	77	34	43	11(39)	74	6	68	17
		67	2	73	24(107)	20	20	63	63	2	66	24	73(252)
98.4	5.7	60	60	22	22	77	34	43	10(39)	74	5	69	16
		67	1	73	23(107)	19	19	63	63	0	66	24	74(252)
105.0	4.6	60	60	21	21	78	33	43	9(40)	74	4	69	15
		66	0	75	22(108)	18	18	63	63	0	65	23	75(251)
111.5	3.5	60	60	21	21	78	32	43	8(40)	74	4	69	15
		65	0	75	21(108)	18	18	63	63	0	64	22	75(251)
118.1	2.4	60	60	21	21	77	32	43	8(40)	74	4	68	15
		64	0	75	21(108)	18	18	62	62	0	64	22	75(251)

 HA=124.3 HI= 29.5 GGW= 28.7 SL= 0.0 MAX(A,B,C,D)= 7.4 6.5 7.0 7.0

Main boom and fixed jib (jib angle 20.0 degrees)

Length of main boom = 130.9 ft Length of jib = 29.5 ft

Main boom sequence = 0-0-0-100-100-100 % LK = 46

Counterweight = 28.7 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.
	1(0)		2(...)		3(90)				
	4(...)	5(180)			6(...)				
A B C D	A B C D	A B C D	A B C D	A B C D					
39.4 25.6	58 58 34 34	67 45 44 28(31)	66 24 63 31						
	63 22 65 34(102)	33 33 59 59	22 63 34 65(257)						
45.9 23.6	60 60 30 30	73 41 46 22(37)	71 19 66 26						
	65 15 70 32(107)	29 29 62 62	15 65 32 70(252)						
52.5 22.0	63 63 27 27	78 40 46 16(38)	76 13 70 22						
	69 9 74 28(106)	26 26 65 65	9 69 28 74(253)						
59.1 18.1	62 62 26 26	77 39 45 15(38)	75 11 69 21						
	68 7 73 27(106)	24 24 64 64	7 68 27 73(253)						
65.6 15.0	61 61 25 25	77 37 44 14(38)	74 10 69 20						
	68 6 73 26(106)	23 23 63 63	6 67 26 73(253)						
72.2 12.3	61 61 24 24	77 37 44 13(38)	74 9 68 19						
	67 5 73 25(106)	22 22 63 63	5 67 26 73(253)						
78.7 10.1	60 60 24 24	76 36 43 13(38)	73 8 68 19						
	67 4 72 25(106)	22 22 63 63	4 66 25 73(253)						
85.3 8.4	60 60 23 23	76 35 43 12(39)	73 7 68 18						
	66 3 73 25(107)	21 21 62 62	3 66 25 73(252)						
91.9 7.1	60 60 22 22	77 34 43 11(39)	74 6 68 17						
	67 2 73 24(107)	20 20 63 63	2 66 24 73(252)						
98.4 5.7	60 60 22 22	77 34 43 10(39)	74 5 68 16						
	66 1 73 23(107)	19 19 63 63	1 66 24 73(252)						
105.0 4.6	60 60 21 21	78 33 43 9(40)	74 4 69 15						
	66 0 74 23(108)	19 19 63 63	0 65 23 75(251)						
111.5 3.5	60 60 21 21	78 32 43 9(40)	74 4 69 15						
	65 0 75 22(108)	18 18 63 63	0 64 22 75(251)						
118.1 2.4	60 60 21 21	77 32 43 8(40)	74 4 68 15						
	64 0 74 22(108)	18 18 62 62	0 64 22 75(251)						

HA=130.9 HI= 29.5 GGW= 28.7 SL= 0.0 MAX(A,B,C,D)= 7.3 6.4 6.9 7.0

Main boom and fixed jib (jib angle 20.0 degrees)

Length of main boom = 138.1 ft Length of jib = 29.5 ft

Main boom sequence = 0-0-45-90-90-90 % LK = 54

Counterweight = 28.7 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]								(Pos.[Degrees])				0-360 Degr.
	1(0)		2(...)				3(90)						
	4(...)	5(180)			6(...)								
A	B	C	D	A	B	C	D	A	B	C	D		
45.9	26.0	64	64	28	28	78	41	46	18(37)	76	15	70	23
		68	10	75	31(110)	27	27	65	65	10	67	31	75(249)
52.5	21.4	63	63	27	27	78	39	46	16(38)	76	13	70	22
		69	9	74	28(106)	25	25	64	64	8	69	28	74(253)
59.1	17.6	62	62	26	26	78	38	45	15(38)	75	11	69	20
		69	7	74	26(106)	24	24	64	64	7	68	27	74(253)
65.6	14.3	61	61	25	25	77	37	44	14(38)	74	10	69	20
		68	6	73	26(106)	23	23	63	63	6	67	26	73(253)
72.2	11.7	61	61	24	24	77	37	44	13(38)	74	9	68	19
		67	5	73	25(106)	22	22	63	63	5	67	26	73(253)
78.7	9.7	60	60	23	23	77	35	44	12(39)	74	7	68	18
		67	3	73	25(107)	21	21	63	63	3	66	25	73(252)
85.3	7.9	60	60	23	23	77	35	43	11(39)	74	7	68	17
		67	2	73	24(107)	20	20	63	63	2	66	24	73(252)
91.9	6.4	60	60	22	22	77	34	43	10(39)	74	6	68	16
		67	1	73	23(107)	20	20	63	63	1	66	24	73(252)
98.4	5.1	60	60	22	22	77	34	43	9(39)	74	5	69	16
		67	0	73	23(107)	19	19	63	63	0	66	23	74(252)
105.0	3.7	60	60	21	21	77	33	42	9(39)	74	4	68	15
		66	0	73	23(107)	19	19	62	62	0	65	23	73(252)
111.5	2.6	59	59	21	21	77	32	43	9(40)	73	4	68	15
		65	0	74	22(108)	18	18	62	62	0	64	22	74(251)

HA=138.1 HI= 29.5 GGW= 28.7 SL= 0.0 MAX(A,B,C,D)= 7.3 6.4 6.9 7.0

Main boom and fixed jib (jib angle 20.0 degrees)

Length of main boom = 145.0 ft Length of jib = 29.5 ft

Main boom sequence = 0-0-45-100-100-100 % LK = 55

Counterweight = 28.7 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]								(Pos.[Degrees])				0-360 Degr.
	1(0)		2(...)				3(90)						
	4(...)	5(180)			6(...)								
A	B	C	D	A	B	C	D	A	B	C	D		
45.9	23.8	61	61	30	30	75	41	46	21(38)	72	17	67	25
		66	14	71	31(108)	28	28	63	63	13	65	32	71(251)
52.5	20.9	62	62	27	27	77	40	45	17(37)	75	13	69	22
		69	9	73	28(105)	26	26	64	64	9	69	28	73(254)
59.1	17.4	62	62	26	26	77	38	45	15(38)	75	11	69	21
		68	7	73	27(106)	24	24	64	64	7	68	27	73(253)
65.6	14.3	61	61	25	25	77	37	44	14(38)	74	10	69	20
		68	6	73	26(106)	23	23	63	63	6	67	26	73(253)

72.2	11.7	61	61	24	24	77	37	44	13(38)	74	9	68	19
		67	5	73	25(106)	22	22	63	63	5	67	26	73(253)
78.7	9.7	60	60	23	23	77	35	44	12(39)	74	8	68	18
		67	3	73	25(107)	21	21	63	63	3	66	25	73(252)
85.3	7.9	60	60	23	23	77	35	43	11(39)	74	7	68	17
		67	2	73	24(107)	20	20	63	63	2	66	25	73(252)
91.9	6.4	60	60	22	22	77	34	43	10(39)	74	6	68	17
		66	2	73	24(107)	20	20	63	63	1	66	24	73(252)
98.4	5.3	60	60	21	21	78	33	43	9(40)	75	4	69	15
		66	0	74	23(108)	19	19	63	63	0	65	23	75(251)
105.0	4.0	60	60	21	21	78	33	43	9(40)	74	4	69	15
		65	0	74	22(108)	18	18	63	63	0	65	22	75(251)
111.5	2.9	60	60	21	21	78	32	43	8(40)	74	4	69	15
		65	0	75	21(108)	18	18	63	63	0	64	22	75(251)

HA=145.0 HI= 29.5 GGW= 28.7 SL= 0.0 MAX(A,B,C,D)= 7.3 6.4 7.0 7.0

Main boom and fixed jib (jib angle 20.0 degrees)

Length of main boom = 152.2 ft Length of jib = 29.5 ft
 Main boom sequence = 0-0-90-90-90-90 % LK = 62
 Counterweight = 28.7 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.			
		1(0)		2(...)		3(90)		6(...)					
		4(...)		5(180)		6(...)							
		A	B	C	D	A	B	C	D				
45.9	24.3	62	62	29	29	76	42	45	19(36)	74	16	68	24
		67	12	73	31(109)	28	28	63	63	12	66	32	73(250)
52.5	19.8	62	62	28	28	76	40	45	17(37)	74	14	68	22
		68	10	72	28(105)	26	26	63	63	10	68	28	72(254)
59.1	16.3	61	61	26	26	76	38	45	16(38)	74	12	68	21
		67	8	72	27(106)	24	24	63	63	8	67	27	73(253)
65.6	13.2	60	60	25	25	76	37	44	15(38)	73	11	68	20
		67	7	72	26(106)	23	23	63	63	6	66	26	72(253)
72.2	10.8	60	60	24	24	76	36	43	13(38)	73	9	68	19
		67	5	72	25(106)	22	22	62	62	5	66	26	72(253)
78.7	8.8	60	60	24	24	76	36	43	12(38)	73	8	68	18
		66	4	72	24(106)	21	21	62	62	4	66	25	72(253)
85.3	7.1	60	60	23	23	76	35	43	11(39)	73	7	68	17
		66	3	72	24(107)	20	20	62	62	3	65	25	73(252)
91.9	5.5	60	60	22	22	76	34	43	11(39)	73	6	68	17
		66	2	72	24(107)	20	20	62	62	2	65	24	73(252)
98.4	4.2	59	59	22	22	76	34	43	10(39)	73	5	68	16
		66	1	73	23(107)	19	19	62	62	1	65	24	73(252)
105.0	3.1	59	59	21	21	77	33	42	9(39)	73	4	68	15
		66	0	73	22(107)	18	18	62	62	0	65	23	73(252)

HA=152.2 HI= 29.5 GGW= 28.7 SL= 0.0 MAX(A,B,C,D)= 7.1 6.3 6.8 6.8

Main boom and fixed jib (jib angle 20.0 degrees)

Length of main boom = 161.4 ft Length of jib = 29.5 ft
 Main boom sequence = 0-0-100-100-100-100 % LK = 63
 Counterweight = 28.7 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.			
	1(0)				2(...)				3(90)			
	4(...)				5(180)				6(...)			
	A	B	C	D	A	B	C	D	A	B	C	D
52.5	19.2	61	61	28 28	75	40	44	18(36)	73	14	67	23
		65	10	72 30(109)	26	26	62	62	10	65	30	72(250)
59.1	15.7	60	60	27 27	75	39	44	17(37)	72	13	67	22
		67	9	71 27(105)	25	25	62	62	9	66	28	71(254)
65.6	13.0	60	60	25 25	75	37	44	15(38)	73	11	67	20
		66	7	72 26(106)	23	23	62	62	7	66	27	72(253)
72.2	10.6	60	60	25 25	75	36	43	14(38)	73	9	67	19
		66	6	72 25(106)	22	22	62	62	6	66	26	72(253)
78.7	8.6	60	60	24 24	75	36	43	13(38)	73	8	67	19
		66	4	72 25(106)	21	21	62	62	4	65	25	72(253)
85.3	6.8	59	59	23 23	75	35	43	12(38)	73	7	67	18
		66	3	72 24(106)	21	21	62	62	3	65	24	72(253)
91.9	5.3	59	59	23 23	75	34	43	11(39)	72	7	67	17
		65	2	72 24(107)	20	20	62	62	2	65	24	72(252)
98.4	4.0	59	59	22 22	75	34	43	11(39)	72	6	67	17
		65	2	72 23(107)	19	19	62	62	1	65	24	72(252)
105.0	2.9	59	59	22 22	76	33	42	10(39)	73	5	67	16
		65	1	72 23(107)	19	19	62	62	0	65	23	72(252)

HA=161.4 HI= 29.5 GGW= 28.7 SL= 0.0 MAX(A,B,C,D)= 7.0 6.1 6.7 6.7

Main boom and fixed jib (jib angle 20.0 degrees)

Length of main boom = 166.0 ft Length of jib = 29.5 ft

Main boom sequence = 0-45-90-90-90-90 % LK = 68

Counterweight = 28.7 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.			
	1(0)				2(...)				3(90)			
	4(...)				5(180)				6(...)			
	A	B	C	D	A	B	C	D	A	B	C	D
52.5	17.9	60	60	28 28	73	40	44	19(36)	71	15	67	23
		64	11	71 30(109)	26	26	62	62	11	64	30	71(250)
59.1	14.3	59	59	27 27	73	39	43	17(36)	71	13	66	22
		66	10	70 27(104)	25	25	62	62	10	66	27	70(255)
65.6	11.7	59	59	26 26	74	37	43	15(37)	71	11	67	21
		66	8	70 26(105)	23	23	62	62	7	65	26	71(254)
72.2	9.3	59	59	25 25	74	37	43	15(37)	71	10	66	20
		65	6	70 25(105)	22	22	61	61	6	65	26	70(254)
78.7	7.3	59	59	24 24	74	35	43	13(38)	71	9	66	19
		65	5	71 25(106)	22	22	61	61	5	64	25	71(253)
85.3	5.7	59	59	23 23	74	35	42	12(38)	72	8	67	18
		65	4	71 24(106)	21	21	61	61	4	65	24	71(253)
91.9	4.2	58	58	23 23	74	34	42	12(38)	72	7	67	17
		65	3	71 24(106)	20	20	61	61	3	65	24	71(253)
98.4	2.9	58	58	22 22	75	33	42	11(39)	71	6	67	17
		64	2	71 24(107)	19	19	61	61	2	64	24	71(252)

HA=166.0 HI= 29.5 GGW= 28.7 SL= 0.0 MAX(A,B,C,D)= 6.9 6.1 6.6 6.6

Main boom and fixed jib (jib angle 20.0 degrees)

Length of main boom = 175.5 ft Length of jib = 29.5 ft
 Main boom sequence = 0-45-100-100-100-100 % LK = 69
 Counterweight = 28.7 kip

Radius Cap. [ft]	Cap. [kip]	Outrigger Loadin[kip]								(Pos.[Degrees])				0-360 Degr.				
		1(0)				2(...)				3(90)								
		4(...)				5(180)				6(...)								
A	B	C	D	A	B	C	D	A	B	C	D							
52.5	17.4	60	60	28	28	72	41	43	19	(35)	71	15	66	24				
		64	12	70	30(108)	26	26	61	61		11	64	30	70(251)				
59.1	14.1	59	59	27	27	73	39	43	17	(36)	71	13	66	22				
		66	10	69	27(104)	25	25	61	61		10	65	27	70(255)				
65.6	11.2	59	59	26	26	73	38	43	16	(36)	70	12	66	21				
		65	9	69	26(104)	24	24	61	61		9	65	26	69(255)				
72.2	9.0	58	58	25	25	73	37	43	15	(37)	71	11	66	20				
		65	7	70	26(105)	23	23	61	61		7	65	26	70(254)				
78.7	7.1	58	58	24	24	73	36	42	14	(37)	71	9	66	19				
		65	6	70	25(105)	22	22	61	61		6	64	25	70(254)				
85.3	5.5	58	58	24	24	74	35	42	13	(38)	71	8	66	18				
		65	4	70	24(106)	21	21	61	61		4	64	25	71(253)				
91.9	4.0	58	58	23	23	74	34	42	12	(38)	71	7	66	18				
		64	4	70	24(106)	20	20	61	61		3	64	24	71(253)				
98.4	2.6	58	58	22	22	73	34	42	12	(38)	71	7	66	17				
		64	3	70	23(106)	20	20	61	61		3	64	24	71(253)				

HA=175.5 HI= 29.5 GGW= 28.7 SL= 0.0 MAX(A,B,C,D)= 6.8 6.1 6.5 6.6

Main boom and fixed jib (jib angle 20.0 degrees)

Length of main boom = 180.1 ft Length of jib = 29.5 ft
 Main boom sequence = 0-90-90-90-90-90 % LK = 73
 Counterweight = 28.7 kip

Radius Cap. [ft]	Cap. [kip]	Outrigger Loadin[kip]								(Pos.[Degrees])				0-360 Degr.				
		1(0)				2(...)				3(90)								
		4(...)				5(180)				6(...)								
A	B	C	D	A	B	C	D	A	B	C	D							
59.1	12.8	58	58	27	27	71	39	42	18	(35)	69	14	65	23				
		63	10	69	29(108)	25	25	60	60		10	63	29	69(251)				
65.6	10.1	58	58	26	26	72	38	42	17	(36)	70	12	65	21				
		65	9	69	26(104)	24	24	60	60		9	64	27	69(255)				
72.2	7.9	58	58	25	25	72	37	42	15	(37)	70	11	65	20				
		64	7	69	26(105)	23	23	60	60		7	64	26	69(254)				
78.7	6.0	58	58	24	24	72	36	42	14	(37)	70	10	65	20				
		64	6	69	25(105)	22	22	60	60		6	63	25	69(254)				
85.3	4.4	58	58	24	24	73	35	41	13	(37)	70	9	65	19				
		64	5	69	24(105)	21	21	60	60		5	64	24	70(254)				
91.9	2.9	57	57	23	23	73	34	42	13	(38)	70	8	65	18				
		63	4	69	24(106)	21	21	60	60		4	63	24	70(253)				

HA=180.1 HI= 29.5 GGW= 28.7 SL= 0.0 MAX(A,B,C,D)= 6.7 6.0 6.5 6.5

Main boom and fixed jib (jib angle 20.0 degrees)

Length of main boom = 191.9 ft Length of jib = 29.5 ft
 Main boom sequence = 0-100-100-100-100-100 % LK = 74

Counterweight = 28.7 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
	1(0)		2(...)		3(90)		4(...)		5(180)		6(...)		
	A	B	C	D	A	B	C	D	A	B	C	D	
59.1	12.1	57	57	28	28	70	39	42	19(35)	68	15	64	23
	62	11	68	29(108)	26	26	60	60	11	62	30	68(251)	
65.6	9.7	58	58	26	26	71	38	42	17(36)	69	13	64	22
	64	10	68	26(104)	24	24	60	60	9	63	27	68(255)	
72.2	7.5	57	57	26	26	71	37	42	16(36)	69	11	65	21
	64	8	68	26(104)	23	23	60	60	8	63	26	68(255)	
78.7	5.5	57	57	25	25	71	37	41	15(36)	69	11	64	20
	64	7	68	25(104)	22	22	60	60	7	63	25	68(255)	
85.3	4.0	57	57	24	24	71	35	41	14(37)	69	9	65	19
	63	6	69	24(105)	21	21	60	60	6	63	25	69(254)	
91.9	2.6	57	57	23	23	72	35	41	13(37)	69	8	65	18
	64	4	69	24(105)	21	21	60	60	4	63	24	69(254)	

HA=191.9 HI= 29.5 GGW= 28.7 SL= 0.0 MAX(A,B,C,D)= 6.7 5.9 6.4 6.4

Main boom and fixed jib (jib angle 20.0 degrees)

Length of main boom = 193.9 ft Length of jib = 29.5 ft
Main boom sequence = 45-90-90-90-90-90 % LK = 76
Counterweight = 28.7 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
	1(0)		2(...)		3(90)		4(...)		5(180)		6(...)		
	A	B	C	D	A	B	C	D	A	B	C	D	
59.1	10.8	57	57	28	28	69	39	42	19(34)	67	15	63	23
	62	11	67	29(107)	26	26	59	59	11	61	29	67(252)	
65.6	8.4	57	57	27	27	69	38	41	18(35)	68	13	64	22
	63	10	67	26(103)	24	24	59	59	10	63	26	67(256)	
72.2	6.2	56	56	26	26	70	37	41	16(36)	68	12	64	21
	63	9	67	26(104)	23	23	59	59	8	63	26	67(255)	
78.7	4.2	56	56	25	25	70	36	41	15(36)	68	11	64	20
	63	7	67	25(104)	22	22	59	59	7	62	25	67(255)	
85.3	2.6	56	56	24	24	70	36	41	15(36)	68	10	64	19
	63	6	67	24(104)	21	21	59	59	6	63	25	68(255)	

HA=193.9 HI= 29.5 GGW= 28.7 SL= 0.0 MAX(A,B,C,D)= 6.5 5.9 6.3 6.3

HA=193.9 HI= 29.5 GGW= 28.7 SL= 0.0 MAX(A,B,C,D)= 0.0 0.0 0.0 0.0

HA=193.9 HI= 29.5 GGW= 28.7 SL= 0.0 MAX(A,B,C,D)= 0.0 0.0 0.0 0.0

HA=193.9 HI= 29.5 GGW= 28.7 SL= 0.0 MAX(A,B,C,D)= 0.0 0.0 0.0 0.0

Programm L A M O S 9 9 Version 1.08 vom 29.09.02

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Eingabedatei: ilam.dat

Festdatei : /berechnung/tabellen/zentraledaten/lamosfd-ac/200-1.99dat

Tabellendat.: /berechnung/tabellen/ac/ac200-1/serie_3/pc_tab/22137012_tab.txt

H

DEMAG Mobile Cranes
 O U T R I G G E R - L O A D I N G S
 (Variance = +/-10%)

PSI= 1.00

Crane : *** AC 200-1 *** mit HKHI fuer GA und MS

Outrigger width	=	18.7 ft	Outrigger length	=	27.7 ft
Outrigger "A"	X =	12.0 ft	Outrigger "A"	Y =	9.4 ft
Outrigger "B"	X =	12.0 ft	Outrigger "B"	Y =	-9.4 ft
Outrigger "C"	X =	-15.7 ft	Outrigger "C"	Y =	9.4 ft
Outrigger "D"	X =	-15.7 ft	Outrigger "D"	Y =	-9.4 ft

Main boom and fixed jib (jib angle 40.0 degrees)
 Length of main boom = 40.7 ft Length of jib = 29.5 ft
 Main boom sequence = 0-0-0-0-0-0 % LK = 1
 Counterweight = 28.7 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.			
		1(0)				2(...)							
		4(...)				5(180)				6(...)			
		A	B	C	D	A	B	C	D	A	B	C	D
23.0	22.7	42	42	48	48	40	47	45	50(59)	40	48	43	49
		43	49	42	47(128)	47	47	43	43	49	43	47	42(232)
26.2	21.6	44	44	46	46	43	45	45	46(59)	43	45	45	46
		44	45	45	46(127)	45	45	45	45	45	44	46	45(232)
29.5	20.7	45	45	44	44	47	43	46	43(59)	46	41	47	44
		45	41	48	45(128)	42	42	47	47	41	45	45	48(232)
32.8	20.1	47	47	42	42	50	41	47	40(59)	49	38	50	41
		46	37	51	44(128)	40	40	49	49	37	46	44	51(232)
39.4	18.7	50	50	38	38	51	50	38	37(3)	55	31	54	36
		55	31	54	36(90)	36	36	52	52	31	55	36	54(270)
45.9	17.6	54	54	34	34	61	45	41	29(26)	61	25	59	31
		60	23	60	32(98)	32	32	56	56	23	59	33	60(261)

HA= 40.7 HI= 29.5 GGW= 28.7 SL= 0.0 MAX(A,B,C,D)= 5.7 5.5 5.6 5.6

Main boom and fixed jib (jib angle 40.0 degrees)
 Length of main boom = 54.5 ft Length of jib = 29.5 ft
 Main boom sequence = 0-0-0-0-0-45 % LK = 7
 Counterweight = 28.7 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.			
		1(0)				2(...)							
		4(...)				5(180)				6(...)			
		A	B	C	D	A	B	C	D	A	B	C	D
26.2	22.3	44	44	46	46	43	45	45	47(59)	43	45	45	47
		44	45	45	46(127)	45	45	45	45	45	44	46	45(232)
29.5	21.4	45	45	44	44	47	43	46	43(59)	46	42	47	44
		45	41	48	45(128)	43	43	47	47	41	45	45	48(232)
32.8	20.7	47	47	42	42	50	41	47	40(59)	49	39	49	41
		46	38	50	44(128)	41	41	49	49	38	46	44	50(232)

39.4 19.4 50 50 39 39 56 37 49 34(59) 55 32 54 37
 55 32 54 37(90) 37 37 52 52 32 55 37 54(270)
 45.9 18.5 54 54 35 35 60 46 41 30(24) 60 26 58 32
 59 25 59 33(96) 33 33 55 55 25 59 33 59(263)
 52.5 17.6 57 57 31 31 67 42 43 24(33) 66 20 62 27
 62 17 65 31(104) 29 29 59 59 17 62 31 65(255)
 59.1 17.4 61 61 27 27 75 39 44 17(37) 73 13 68 22
 67 9 71 27(105) 25 25 63 63 9 67 28 72(254)

 HA= 54.5 HI= 29.5 GGW= 28.7 SL= 0.0 MAX(A,B,C,D)= 7.0 6.2 6.6 6.7

Main boom and fixed jib (jib angle 40.0 degrees)
 Length of main boom = 68.6 ft Length of jib = 29.5 ft
 Main boom sequence = 0-0-0-0-0-90 % LK = 13
 Counterweight = 28.7 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.			
		1(0)				2(...)							
		4(...)				5(180)				6(...)			
		A	B	C	D	A	B	C	D	A	B	C	D
29.5	21.8	45	45	45	45	47	43	47	44(59)	46	42	47	44
		45	42	48	45(128)	43	43	47	47	42	45	45	48(232)
32.8	21.2	47	47	43	43	50	41	47	41(59)	49	39	49	42
		46	38	50	44(128)	41	41	49	49	38	46	44	50(232)
39.4	20.1	50	50	39	39	56	37	49	35(59)	55	33	54	37
		55	33	54	37(90)	37	37	52	52	33	55	37	54(270)
45.9	19.2	53	53	35	35	59	46	41	31(23)	60	26	58	32
		59	26	59	33(95)	33	33	55	55	26	59	33	59(264)
52.5	18.3	56	56	32	32	67	42	43	24(33)	66	21	62	28
		62	18	65	32(104)	30	30	58	58	18	62	32	65(255)
59.1	17.6	60	60	28	28	73	40	44	19(36)	71	15	66	23
		64	11	71	30(109)	26	26	62	62	11	64	30	71(250)
65.6	15.9	61	61	26	26	77	38	44	15(38)	74	11	69	20
		68	7	73	26(106)	24	24	63	63	7	67	27	73(253)
72.2	13.0	61	61	25	25	76	37	44	14(38)	74	10	68	19
		67	6	73	26(106)	22	22	63	63	6	67	26	73(253)

 HA= 68.6 HI= 29.5 GGW= 28.7 SL= 0.0 MAX(A,B,C,D)= 7.1 6.2 6.8 6.8

Main boom and fixed jib (jib angle 40.0 degrees)
 Length of main boom = 70.2 ft Length of jib = 29.5 ft
 Main boom sequence = 0-0-0-0-0-100 % LK = 14
 Counterweight = 28.7 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.			
		1(0)				2(...)							
		4(...)				5(180)				6(...)			
		A	B	C	D	A	B	C	D	A	B	C	D
29.5	21.8	45	45	45	45	47	43	46	44(59)	46	42	47	44
		45	42	48	45(128)	43	43	47	47	42	45	45	48(232)
32.8	21.2	47	47	43	43	50	41	47	41(59)	49	39	49	42
		46	38	50	44(128)	41	41	49	49	38	46	44	50(232)
39.4	20.1	50	50	39	39	56	38	49	35(59)	55	33	54	37
		55	33	54	37(90)	37	37	52	52	33	55	37	54(270)

45.9 19.2 53 53 35 35 59 46 41 31(23) 60 27 58 32
 59 26 59 33(95) 34 34 55 55 26 59 34 59(264)
 52.5 17.9 56 56 32 32 65 43 43 25(32) 65 21 61 28
 61 19 64 32(103) 30 30 58 58 19 61 32 64(256)
 59.1 16.3 58 58 29 29 70 40 44 21(36) 68 17 64 25
 63 14 68 30(107) 27 27 60 60 13 62 31 68(252)
 65.6 15.2 60 60 26 26 75 38 44 16(37) 72 12 67 21
 67 9 71 27(105) 24 24 62 62 9 66 27 71(254)
 72.2 13.0 60 60 25 25 76 37 44 14(38) 73 10 68 20
 67 6 72 26(106) 23 23 63 63 6 66 26 72(253)

 HA= 70.2 HI= 29.5 GGW= 28.7 SL= 0.0 MAX(A,B,C,D)= 7.1 6.2 6.7 6.7

Main boom and fixed jib (jib angle 40.0 degrees)
 Length of main boom = 82.3 ft Length of jib = 29.5 ft
 Main boom sequence = 0-0-0-0-45-90 % LK = 20
 Counterweight = 28.7 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.
	1(0)		2(...)		3(90)		6(...)		
	A	B	C	D	A	B	C	D	
32.8 21.6	47	47	43	43	50	41	48	41(59)	49 39 50 42
	46	38	51	44(128)	41	41	49	49	38 46 44 51(232)
39.4 20.5	50	50	39	39	57	37	49	35(59)	55 32 54 37
	55	32	54	37(90)	37	37	52	52	32 55 37 54(270)
45.9 19.6	54	54	35	35	60	46	41	31(24)	61 26 58 32
	60	25	59	33(96)	33	33	56	56	25 59 34 60(263)
52.5 18.7	57	57	32	32	67	42	43	24(33)	66 21 62 28
	62	18	65	32(104)	30	30	59	59	18 62 32 65(255)
59.1 18.3	60	60	28	28	74	40	44	18(36)	72 14 67 23
	65	10	71	30(109)	26	26	62	62	10 64 30 71(250)
65.6 16.1	61	61	26	26	76	38	45	15(38)	74 11 68 21
	67	7	73	27(106)	24	24	63	63	7 67 27 73(253)
72.2 13.2	60	60	25	25	76	37	44	14(38)	73 10 68 20
	67	6	72	26(106)	23	23	62	62	6 66 26 72(253)
78.7 11.0	60	60	24	24	76	36	43	13(38)	73 9 68 19
	67	5	72	25(106)	22	22	62	62	5 66 26 72(253)
85.3 9.0	60	60	24	24	76	36	43	12(38)	73 8 68 18
	66	4	72	24(106)	21	21	62	62	4 66 25 72(253)

 HA= 82.3 HI= 29.5 GGW= 28.7 SL= 0.0 MAX(A,B,C,D)= 7.1 6.2 6.7 6.7

Main boom and fixed jib (jib angle 40.0 degrees)
 Length of main boom = 84.0 ft Length of jib = 29.5 ft
 Main boom sequence = 0-0-0-0-45-100 % LK = 21
 Counterweight = 28.7 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.
	1(0)		2(...)		3(90)		6(...)		
	A	B	C	D	A	B	C	D	
32.8 21.6	47	47	43	43	50	41	48	41(59)	49 39 50 42
	46	38	51	44(128)	41	41	49	49	38 46 44 51(232)

39.4	20.5	50	50	39	39	57	37	49	35(59)	55	32	54	37
		55	32	54	37(90)	37	37	52	52	32	55	37	54(270)
45.9	19.6	54	54	35	35	60	46	41	31(23)	61	26	58	32
		60	25	59	33(96)	33	33	55	55	25	59	34	59(263)
52.5	18.5	56	56	32	32	66	43	43	25(32)	65	21	62	28
		62	19	65	32(103)	30	30	58	58	18	62	32	65(256)
59.1	17.6	59	59	28	28	72	41	43	19(35)	70	15	66	24
		64	12	70	30(108)	27	27	61	61	12	63	30	70(251)
65.6	16.1	61	61	26	26	76	38	45	15(38)	74	11	68	21
		67	8	72	27(106)	24	24	63	63	7	67	27	73(253)
72.2	13.4	61	61	25	25	76	37	44	14(38)	73	10	68	20
		67	6	72	26(106)	23	23	63	63	6	67	26	72(253)
78.7	11.0	60	60	24	24	75	36	43	14(38)	73	9	67	19
		66	5	72	25(106)	22	22	62	62	5	66	26	72(253)
85.3	9.3	60	60	23	23	76	35	43	12(39)	73	8	68	18
		66	4	73	25(107)	21	21	62	62	3	66	25	73(252)

HA= 84.0 HI= 29.5 GGW= 28.7 SL= 0.0 MAX(A,B,C,D)= 7.1 6.2 6.7 6.8

Main boom and fixed jib (jib angle 40.0 degrees)

Length of main boom = 96.5 ft Length of jib = 29.5 ft

Main boom sequence = 0-0-0-0-90-90 % LK = 28

Counterweight = 28.7 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
	1(0)		2(...)		3(90)		4(...)						
	A	B	C	D	A	B	C	D					
39.4	20.7	51	51	39	39	57	37	49	34(59)	55	32	54	37
		55	32	54	37(90)	37	37	52	52	32	55	37	54(270)
45.9	19.8	54	54	35	35	60	46	41	30(24)	61	26	58	32
		60	25	60	33(96)	33	33	56	56	25	60	34	60(263)
52.5	19.2	57	57	31	31	68	42	44	24(34)	67	20	63	28
		62	17	66	32(105)	30	30	59	59	17	62	32	66(254)
59.1	18.5	60	60	28	28	74	40	44	18(36)	72	14	67	23
		65	10	71	30(109)	26	26	62	62	10	64	30	71(250)
65.6	16.3	61	61	26	26	77	38	45	15(38)	74	11	68	21
		67	7	73	27(106)	24	24	63	63	7	67	27	73(253)
72.2	13.4	60	60	25	25	76	37	44	15(38)	73	11	68	20
		67	7	72	26(106)	23	23	62	62	6	66	26	72(253)
78.7	11.2	60	60	24	24	76	36	43	14(38)	73	9	68	19
		67	5	72	25(106)	22	22	62	62	5	66	26	72(253)
85.3	9.5	60	60	24	24	76	35	44	12(39)	73	8	68	18
		66	4	73	25(107)	21	21	62	62	4	66	25	73(252)
91.9	7.7	60	60	23	23	76	35	43	12(39)	73	7	68	18
		66	3	72	24(107)	21	21	62	62	3	65	25	73(252)

HA= 96.5 HI= 29.5 GGW= 28.7 SL= 0.0 MAX(A,B,C,D)= 7.1 6.2 6.7 6.8

Main boom and fixed jib (jib angle 40.0 degrees)

Length of main boom = 100.4 ft Length of jib = 29.5 ft

Main boom sequence = 0-0-0-0-100-100 % LK = 29

Counterweight = 28.7 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]								(Pos.[Degrees])				0-360 Degr.			
	1(0)		2(...)		3(90)		4(...)		5(180)		6(...)					
	A	B	C	D	A	B	C	D	A	B	C	D	A	B	C	D
39.4	20.7	51	51	39	39	57	37	49	35	(59)	55	32	54	37		
		55	32	54	37	(90)	37	37	52	52	32	55	37	54	(270)	
45.9	19.8	54	54	35	35	60	46	41	31	(24)	61	26	58	32		
		60	25	60	33	(96)	33	33	56	56	25	60	34	60	(263)	
52.5	19.0	57	57	32	32	67	42	43	24	(33)	66	21	62	28		
		62	18	65	32	(104)	30	30	59	59	18	62	32	65	(255)	
59.1	18.1	60	60	28	28	73	40	44	19	(36)	71	15	66	24		
		64	11	70	30	(109)	26	26	62	62	11	64	31	71	(250)	
65.6	16.3	61	61	26	26	76	38	45	15	(38)	74	12	68	21		
		67	8	72	27	(106)	24	24	63	63	7	67	27	73	(253)	
72.2	13.7	61	61	25	25	76	37	44	14	(38)	73	10	68	20		
		67	6	72	26	(106)	23	23	63	63	6	67	26	72	(253)	
78.7	11.5	60	60	24	24	76	37	43	13	(38)	73	9	68	19		
		67	5	72	25	(106)	22	22	63	63	5	66	26	72	(253)	
85.3	9.5	60	60	24	24	76	36	43	13	(38)	73	8	68	19		
		66	4	72	25	(106)	21	21	62	62	4	66	25	72	(253)	
91.9	7.9	60	60	23	23	76	35	43	11	(39)	73	7	68	17		
		66	3	73	24	(107)	21	21	62	62	3	65	25	73	(252)	
98.4	6.6	60	60	22	22	77	34	43	10	(39)	74	6	68	17		
		66	2	73	24	(107)	20	20	63	63	1	66	24	73	(252)	

HA=100.4 HI= 29.5 GGW= 28.7 SL= 0.0 MAX(A,B,C,D)= 7.1 6.2 6.8 6.8

Main boom and fixed jib (jib angle 40.0 degrees)
Length of main boom = 110.2 ft Length of jib = 29.5 ft
Main boom sequence = 0-0-0-45-90-90 % LK = 36
Counterweight = 28.7 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]								(Pos.[Degrees])				0-360 Degr.			
	1(0)		2(...)		3(90)		4(...)		5(180)		6(...)					
	A	B	C	D	A	B	C	D	A	B	C	D	A	B	C	D
39.4	20.9	51	51	38	38	52	50	39	38	(4)	56	32	55	36		
		56	32	55	36	(90)	37	37	53	53	32	56	36	55	(270)	
45.9	20.1	54	54	35	35	61	46	41	30	(25)	62	26	59	32		
		60	24	60	33	(97)	33	33	56	56	24	60	33	60	(262)	
52.5	19.4	58	58	31	31	69	42	44	23	(34)	67	19	63	27		
		63	17	67	31	(105)	29	29	60	60	17	63	32	67	(254)	
59.1	18.7	61	61	27	27	75	39	45	17	(37)	73	14	68	22		
		67	10	71	28	(105)	26	26	63	63	10	67	28	72	(254)	
65.6	16.1	61	61	26	26	77	38	45	15	(38)	74	11	68	21		
		67	7	73	27	(106)	24	24	63	63	7	67	27	73	(253)	
72.2	13.2	60	60	25	25	76	37	44	15	(38)	73	10	68	20		
		67	6	72	26	(106)	23	23	62	62	6	66	26	72	(253)	
78.7	11.0	60	60	24	24	76	36	43	13	(38)	73	9	68	19		
		66	5	72	25	(106)	22	22	62	62	5	66	26	72	(253)	
85.3	9.3	60	60	24	24	76	36	43	12	(38)	73	8	68	18		
		67	4	72	24	(106)	21	21	62	62	4	66	25	72	(253)	
91.9	7.7	60	60	23	23	77	35	43	11	(39)	73	7	68	17		
		66	2	73	24	(107)	20	20	62	62	2	66	25	73	(252)	

98.4 6.4 60 60 22 22 77 34 43 10(39) 74 6 68 16
 67 1 73 23(107) 19 19 63 63 1 66 24 73(252)
 105.0 5.1 60 60 21 21 77 34 43 9(39) 74 5 68 16
 66 0 73 23(107) 19 19 63 63 0 66 23 73(252)

 HA=110.2 HI= 29.5 GGW= 28.7 SL= 0.0 MAX(A,B,C,D)= 7.2 6.2 6.8 6.8

Main boom and fixed jib (jib angle 40.0 degrees)
 Length of main boom = 114.5 ft Length of jib = 29.5 ft
 Main boom sequence = 0-0-0-45-100-100 % LK = 37
 Counterweight = 28.7 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]								(Pos.[Degrees])				0-360 Degr.
		1(0)		2(...)				3(90)		6(...)				
		A	B	C	D	A	B	C	D	A	B	C	D	
39.4	20.9	51	51	38	38	52	50	39	38(3)	56	32	55	36	
		56	32	55	36(90)	37	37	53	53	32	56	36	55(270)	
45.9	20.1	54	54	35	35	61	46	41	30(25)	62	26	59	32	
		60	25	60	33(97)	33	33	56	56	24	60	33	60(262)	
52.5	19.4	58	58	31	31	69	42	44	23(34)	67	20	63	27	
		63	17	66	31(105)	29	29	59	59	17	63	32	67(254)	
59.1	18.5	61	61	28	28	75	40	44	18(36)	72	14	67	23	
		65	10	72	30(109)	26	26	62	62	10	65	30	72(250)	
65.6	16.1	61	61	26	26	76	38	45	15(38)	74	11	68	21	
		67	7	72	27(106)	24	24	63	63	7	67	27	73(253)	
72.2	13.4	61	61	25	25	76	37	44	14(38)	73	10	68	20	
		67	6	72	26(106)	23	23	63	63	6	67	26	72(253)	
78.7	11.2	60	60	24	24	76	36	43	13(38)	73	9	68	19	
		67	5	72	25(106)	22	22	63	63	5	66	26	72(253)	
85.3	9.3	60	60	24	24	76	36	43	13(38)	73	8	68	18	
		66	4	72	25(106)	21	21	62	62	4	66	25	72(253)	
91.9	7.7	60	60	23	23	76	35	43	11(39)	73	7	68	17	
		66	3	73	24(107)	21	21	62	62	3	65	25	73(252)	
98.4	6.4	60	60	22	22	77	34	43	11(39)	74	6	68	17	
		66	2	73	24(107)	20	20	62	62	1	66	24	73(252)	
105.0	5.3	60	60	21	21	78	33	43	9(40)	74	5	69	16	
		66	0	74	23(108)	19	19	63	63	0	65	24	74(251)	
111.5	4.0	60	60	21	21	77	33	43	9(40)	74	4	68	15	
		65	0	74	23(108)	19	19	62	62	0	65	23	74(251)	

 HA=114.5 HI= 29.5 GGW= 28.7 SL= 0.0 MAX(A,B,C,D)= 7.2 6.2 6.9 6.9

Main boom and fixed jib (jib angle 40.0 degrees)
 Length of main boom = 124.3 ft Length of jib = 29.5 ft
 Main boom sequence = 0-0-0-90-90-90 % LK = 45
 Counterweight = 28.7 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]								(Pos.[Degrees])				0-360 Degr.
		1(0)		2(...)				3(90)		6(...)				
		A	B	C	D	A	B	C	D	A	B	C	D	
45.9	20.3	55	55	34	34	62	45	42	29(27)	62	25	60	31	
		61	24	61	33(98)	33	33	56	56	24	60	33	61(261)	

52.5	19.6	58	58	31	31	70	41	44	22(35)	68	19	64	26
		63	16	67	31(106)	29	29	60	60	16	63	32	68(253)
59.1	19.0	62	62	27	27	76	39	45	17(37)	74	13	68	22
		68	9	72	27(105)	25	25	63	63	9	68	28	73(254)
65.6	15.9	61	61	26	26	77	38	45	15(38)	74	11	68	21
		67	7	73	27(106)	24	24	63	63	7	67	27	73(253)
72.2	13.2	61	61	25	25	76	37	44	14(38)	74	10	68	20
		67	6	72	26(106)	23	23	63	63	6	67	26	73(253)
78.7	10.8	60	60	24	24	76	36	43	13(38)	73	9	68	19
		66	5	72	25(106)	22	22	62	62	5	66	26	72(253)
85.3	9.0	60	60	24	24	76	36	43	12(38)	73	8	68	18
		67	4	72	24(106)	21	21	62	62	4	66	25	72(253)
91.9	7.5	60	60	23	23	77	35	43	11(39)	73	7	68	17
		66	2	73	24(107)	20	20	62	62	2	66	25	73(252)
98.4	6.2	60	60	22	22	77	34	43	10(39)	74	6	68	16
		66	1	73	23(107)	19	19	63	63	1	66	24	73(252)
105.0	5.1	60	60	21	21	78	33	43	9(40)	75	4	69	15
		66	0	74	23(108)	19	19	63	63	0	65	23	75(251)
111.5	3.7	60	60	21	21	77	32	43	9(40)	74	4	68	15
		65	0	74	22(108)	18	18	63	63	0	65	23	75(251)
118.1	2.6	60	60	21	21	77	32	43	8(40)	74	4	68	15
		65	0	75	21(108)	18	18	62	62	0	64	22	75(251)

HA=124.3 HI= 29.5 GGW= 28.7 SL= 0.0 MAX(A,B,C,D)= 7.2 6.3 6.9 7.0

Main boom and fixed jib (jib angle 40.0 degrees)

Length of main boom = 130.9 ft Length of jib = 29.5 ft

Main boom sequence = 0-0-0-100-100-100 % LK = 46

Counterweight = 28.7 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.			
		1(0)		2(...)		3(90)		6(...)					
		4(...)		5(180)		6(...)							
		A	B	C	D	A	B	C	D				
45.9	20.1	55	55	34	34	62	45	42	30(26)	62	25	59	31
		60	24	61	33(98)	33	33	56	56	24	60	33	61(261)
52.5	19.6	58	58	31	31	70	41	44	22(35)	68	19	64	26
		63	16	67	31(106)	29	29	60	60	16	63	32	67(253)
59.1	19.0	62	62	27	27	76	39	45	17(37)	74	13	68	22
		68	9	72	27(105)	25	25	63	63	9	68	28	73(254)
65.6	15.9	61	61	26	26	76	38	45	15(38)	74	11	68	21
		67	7	73	27(106)	24	24	63	63	7	67	27	73(253)
72.2	13.2	61	61	25	25	76	37	44	14(38)	73	10	68	20
		67	6	72	26(106)	23	23	63	63	6	67	26	73(253)
78.7	11.0	60	60	24	24	76	36	43	13(38)	73	9	68	19
		67	5	72	25(106)	22	22	63	63	5	66	26	73(253)
85.3	9.0	60	60	24	24	76	36	43	13(38)	73	8	68	18
		66	4	72	24(106)	21	21	62	62	4	66	25	72(253)
91.9	7.5	60	60	23	23	76	35	43	11(39)	73	7	68	17
		66	3	73	24(107)	21	21	62	62	3	65	25	73(252)
98.4	6.2	60	60	22	22	77	34	43	11(39)	74	6	68	17
		66	2	73	24(107)	20	20	62	62	1	66	24	73(252)
105.0	5.1	60	60	21	21	78	33	43	9(40)	74	5	69	16
		66	0	74	23(108)	19	19	63	63	0	65	24	74(251)

111.5 3.7 60 60 21 21 77 33 42 9(39) 74 4 68 15
 66 0 73 22(107) 19 19 62 62 0 65 23 73(252)
 118.1 2.6 59 59 21 21 77 32 43 9(40) 73 4 68 15
 65 0 74 22(108) 18 18 62 62 0 64 22 74(251)

 HA=130.9 HI= 29.5 GGW= 28.7 SL= 0.0 MAX(A,B,C,D)= 7.2 6.3 6.9 6.9

Main boom and fixed jib (jib angle 40.0 degrees)
 Length of main boom = 138.1 ft Length of jib = 29.5 ft
 Main boom sequence = 0-0-45-90-90-90 % LK = 54
 Counterweight = 28.7 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.			
		1(0)		2(...)		3(90)		6(...)					
		A	B	C	D	A	B	C	D				
45.9	20.3	55	55	34	34	63	45	42	28(28)	63	24	60	31
		61	23	62	33(100)	32	32	57	57	22	61	33	62(259)
52.5	19.6	59	59	30	30	71	41	44	21(36)	69	18	65	26
		64	15	68	31(107)	28	28	60	60	15	63	31	69(252)
59.1	19.0	62	62	26	26	78	39	45	15(38)	75	12	69	21
		69	8	73	27(106)	25	25	64	64	8	68	28	74(253)
65.6	15.4	61	61	26	26	77	38	44	15(38)	74	11	68	20
		68	7	73	26(106)	24	24	63	63	7	67	27	73(253)
72.2	12.6	60	60	25	25	76	37	44	14(38)	73	10	68	20
		67	6	72	26(106)	23	23	63	63	6	66	26	72(253)
78.7	10.4	60	60	24	24	76	36	43	13(38)	73	9	68	19
		67	5	72	25(106)	22	22	62	62	5	66	25	72(253)
85.3	8.6	60	60	23	23	77	35	43	12(39)	73	7	68	18
		66	3	73	24(107)	21	21	63	63	3	66	25	73(252)
91.9	7.1	60	60	22	22	77	34	43	11(39)	74	6	68	17
		66	2	73	24(107)	20	20	63	63	2	66	24	73(252)
98.4	5.7	60	60	22	22	77	34	43	10(39)	74	5	69	16
		67	1	73	23(107)	19	19	63	63	0	66	24	74(252)
105.0	4.4	60	60	21	21	77	33	43	9(40)	74	4	69	15
		66	0	74	23(108)	19	19	63	63	0	65	23	74(251)
111.5	3.1	60	60	21	21	77	32	43	9(40)	73	4	68	15
		65	0	74	22(108)	18	18	62	62	0	64	23	74(251)

 HA=138.1 HI= 29.5 GGW= 28.7 SL= 0.0 MAX(A,B,C,D)= 7.2 6.3 6.9 6.9

Main boom and fixed jib (jib angle 40.0 degrees)
 Length of main boom = 145.0 ft Length of jib = 29.5 ft
 Main boom sequence = 0-0-45-100-100-100 % LK = 55
 Counterweight = 28.7 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.			
		1(0)		2(...)		3(90)		6(...)					
		A	B	C	D	A	B	C	D				
52.5	19.6	59	59	30	30	71	41	44	22(36)	69	18	65	26
		63	15	68	31(107)	28	28	60	60	15	63	32	69(252)
59.1	19.0	62	62	26	26	78	39	45	16(38)	75	12	69	21
		69	8	73	27(106)	25	25	64	64	8	68	28	74(253)

65.6	15.4	61	61	26	26	77	38	44	15(38)	74	11	68	20
		67	7	73	26(106)	24	24	63	63	7	67	27	73(253)
72.2	12.8	61	61	25	25	76	37	44	14(38)	74	10	68	19
		67	6	73	26(106)	22	22	63	63	6	67	26	73(253)
78.7	10.6	60	60	24	24	76	36	43	13(38)	74	8	68	19
		67	4	73	25(106)	22	22	63	63	4	66	25	73(253)
85.3	8.6	60	60	23	23	76	35	43	12(39)	73	8	68	18
		66	3	73	25(107)	21	21	62	62	3	66	25	73(252)
91.9	7.1	60	60	23	23	77	34	43	11(39)	73	7	68	17
		66	2	73	24(107)	20	20	62	62	2	66	24	73(252)
98.4	5.7	60	60	22	22	77	34	43	10(39)	74	5	68	16
		66	1	73	23(107)	19	19	63	63	1	66	24	73(252)
105.0	4.4	60	60	21	21	77	34	43	9(39)	74	5	68	16
		66	0	73	23(107)	19	19	62	62	0	66	23	73(252)
111.5	3.3	60	60	21	21	77	32	43	9(40)	74	4	68	15
		65	0	74	22(108)	18	18	63	63	0	64	22	75(251)

 HA=145.0 HI= 29.5 GGW= 28.7 SL= 0.0 MAX(A,B,C,D)= 7.2 6.3 6.9 6.9

Main boom and fixed jib (jib angle 40.0 degrees)
 Length of main boom = 152.2 ft Length of jib = 29.5 ft
 Main boom sequence = 0-0-90-90-90-90 % LK = 62
 Counterweight = 28.7 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.
	1(0)		2(...)		3(90)		6(...)		
	A	B C D	A B C D	A B C D	A B C D	A B C D			
52.5	19.8	60 60 29 29	73 40 45 20(37)	70 17 66 25					
		64 13 70 31(108)	28 28 61 61	13 64 31 70(251)					
59.1	17.9	61 61 27 27	76 39 44 16(37)	74 13 68 22					
		68 9 72 27(105)	25 25 63 63	9 67 28 72(254)					
65.6	14.8	61 61 26 26	76 38 44 15(38)	73 11 68 20					
		67 7 72 26(106)	24 24 63 63	7 67 27 73(253)					
72.2	12.1	60 60 25 25	76 37 44 14(38)	73 10 68 19					
		67 6 72 26(106)	22 22 63 63	6 66 26 72(253)					
78.7	9.9	60 60 24 24	76 36 43 13(38)	73 8 68 19					
		67 4 72 25(106)	22 22 62 62	4 66 25 72(253)					
85.3	8.2	60 60 23 23	77 35 43 11(39)	73 7 68 17					
		66 3 73 24(107)	21 21 63 63	3 66 25 73(252)					
91.9	6.4	60 60 22 22	76 34 43 11(39)	73 6 68 17					
		66 2 73 24(107)	20 20 62 62	2 65 24 73(252)					
98.4	5.1	60 60 22 22	77 34 43 10(39)	74 5 68 16					
		66 1 73 23(107)	19 19 62 62	1 66 24 73(252)					
105.0	3.7	60 60 21 21	77 33 42 9(39)	73 5 68 16					
		66 0 73 23(107)	19 19 62 62	0 65 23 73(252)					
111.5	2.6	60 60 21 21	77 32 43 9(40)	74 4 68 15					
		65 0 74 22(108)	18 18 62 62	0 64 22 74(251)					

 HA=152.2 HI= 29.5 GGW= 28.7 SL= 0.0 MAX(A,B,C,D)= 7.1 6.3 6.9 6.9

Main boom and fixed jib (jib angle 40.0 degrees)
 Length of main boom = 161.4 ft Length of jib = 29.5 ft
 Main boom sequence = 0-0-100-100-100-100 % LK = 63

Counterweight = 28.7 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
	1(0)		2(...)		3(90)		6(...)						
	A	B	C	D	A	B	C	D	A	B	C	D	
59.1	17.4	61	61	27	27	75	39	44	17(37)	73	13	67	22
		67	10	71	28(105)	25	25	63	63	9	67	28	71(254)
65.6	14.3	60	60	26	26	75	38	44	16(37)	73	12	67	21
		67	8	71	26(105)	24	24	62	62	8	66	27	71(254)
72.2	11.9	60	60	25	25	75	37	44	14(38)	73	10	67	20
		66	6	72	26(106)	23	23	62	62	6	66	26	72(253)
78.7	9.7	60	60	24	24	75	36	43	13(38)	73	9	67	19
		66	5	72	25(106)	22	22	62	62	5	66	25	72(253)
85.3	7.7	59	59	24	24	75	35	43	13(38)	72	8	67	18
		66	4	71	24(106)	21	21	62	62	4	65	25	72(253)
91.9	6.2	59	59	23	23	75	34	43	11(39)	73	7	67	17
		65	3	72	24(107)	20	20	62	62	3	65	25	72(252)
98.4	4.9	59	59	22	22	76	34	43	11(39)	73	6	67	17
		65	2	72	24(107)	19	19	62	62	2	65	24	73(252)
105.0	3.5	59	59	22	22	76	34	42	10(39)	73	5	67	16
		65	1	72	23(107)	19	19	62	62	1	65	24	72(252)
111.5	2.4	59	59	21	21	76	33	42	9(39)	73	5	67	16
		65	0	72	23(107)	19	19	62	62	0	65	23	73(252)

HA=161.4 HI= 29.5 GGW= 28.7 SL= 0.0 MAX(A,B,C,D)= 7.0 6.2 6.7 6.7

Main boom and fixed jib (jib angle 40.0 degrees)

Length of main boom = 166.0 ft Length of jib = 29.5 ft

Main boom sequence = 0-45-90-90-90-90 % LK = 68

Counterweight = 28.7 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
	1(0)		2(...)		3(90)		6(...)						
	A	B	C	D	A	B	C	D	A	B	C	D	
59.1	16.3	60	60	27	27	74	39	44	17(36)	72	13	67	22
		67	10	70	27(104)	25	25	62	62	10	66	28	71(255)
65.6	13.2	60	60	26	26	74	38	43	16(37)	72	12	67	21
		66	8	70	26(105)	24	24	62	62	8	65	27	71(254)
72.2	10.6	59	59	25	25	74	37	43	15(37)	71	11	66	20
		65	7	70	26(105)	23	23	61	61	7	65	26	70(254)
78.7	8.6	59	59	24	24	74	36	43	14(38)	72	9	67	19
		65	5	71	25(106)	22	22	62	62	5	65	26	71(253)
85.3	6.6	59	59	24	24	74	35	43	13(38)	71	9	66	19
		65	5	71	25(106)	21	21	61	61	4	64	25	71(253)
91.9	5.1	58	58	23	23	74	35	42	12(38)	71	7	67	18
		65	4	71	24(106)	21	21	61	61	3	64	24	71(253)
98.4	3.7	58	58	22	22	75	34	42	11(39)	72	6	67	17
		65	2	71	24(107)	20	20	61	61	2	64	24	71(252)
105.0	2.4	58	58	22	22	75	33	42	11(39)	71	6	67	17
		64	2	71	23(107)	19	19	61	61	2	64	24	71(252)

HA=166.0 HI= 29.5 GGW= 28.7 SL= 0.0 MAX(A,B,C,D)= 6.9 6.2 6.6 6.6

 Main boom and fixed jib (jib angle 40.0 degrees)
 Length of main boom = 175.5 ft Length of jib = 29.5 ft
 Main boom sequence = 0-45-100-100-100-100 % LK = 69
 Counterweight = 28.7 kip

Radius Cap. [ft]	Cap. [kip]	Outrigger Loadin[kip]								(Pos.[Degrees])				0-360 Degr.
		1(0)				2(...)				3(90)				
		4(...)				5(180)				6(...)				
A	B	C	D	A	B	C	D	A	B	C	D			
59.1	15.9	59	59	28	28	73	39	43	18(36)	71	14	66	23	
		64	10	70	30(109)	26	26	61	61	10	63	30	71(250)	
65.6	12.8	59	59	27	27	73	39	43	17(36)	71	13	66	22	
		65	9	69	27(104)	24	24	61	61	9	65	27	69(255)	
72.2	10.4	59	59	26	26	73	37	43	16(37)	71	11	66	21	
		65	8	70	26(105)	23	23	61	61	7	65	26	70(254)	
78.7	8.4	59	59	25	25	73	37	42	14(37)	71	10	66	20	
		65	6	70	25(105)	22	22	61	61	6	65	26	70(254)	
85.3	6.4	58	58	24	24	73	36	42	14(37)	71	9	66	19	
		65	6	70	24(105)	22	22	61	61	5	64	25	70(254)	
91.9	4.9	58	58	24	24	73	35	42	13(38)	71	8	66	18	
		64	4	70	24(106)	21	21	61	61	4	64	25	70(253)	
98.4	3.5	58	58	23	23	74	34	42	12(38)	71	7	66	17	
		64	3	70	24(106)	20	20	61	61	3	64	24	71(253)	
105.0	2.4	58	58	22	22	74	33	42	11(39)	71	6	67	17	
		64	2	71	23(107)	19	19	61	61	2	64	24	71(252)	

 HA=175.5 HI= 29.5 GGW= 28.7 SL= 0.0 MAX(A,B,C,D)= 6.9 6.0 6.6 6.6

Main boom and fixed jib (jib angle 40.0 degrees)
 Length of main boom = 180.1 ft Length of jib = 29.5 ft
 Main boom sequence = 0-90-90-90-90-90 % LK = 73
 Counterweight = 28.7 kip

Radius Cap. [ft]	Cap. [kip]	Outrigger Loadin[kip]								(Pos.[Degrees])				0-360 Degr.
		1(0)				2(...)				3(90)				
		4(...)				5(180)				6(...)				
A	B	C	D	A	B	C	D	A	B	C	D			
59.1	14.8	59	59	28	28	71	40	43	19(35)	70	15	65	23	
		63	11	69	29(108)	26	26	61	61	11	63	30	69(251)	
65.6	11.7	58	58	27	27	71	38	43	17(36)	69	13	65	22	
		65	10	68	27(104)	25	25	60	60	10	64	27	69(255)	
72.2	9.3	58	58	26	26	71	38	42	16(36)	69	12	65	21	
		65	9	69	26(104)	24	24	60	60	8	64	26	69(255)	
78.7	7.3	58	58	25	25	72	36	42	15(37)	70	10	65	20	
		64	7	69	25(105)	22	22	60	60	7	64	26	69(254)	
85.3	5.5	58	58	24	24	72	36	42	14(37)	70	9	65	19	
		64	6	69	24(105)	22	22	60	60	6	64	25	69(254)	
91.9	4.0	58	58	24	24	73	35	42	13(38)	70	8	65	18	
		64	4	70	24(106)	21	21	60	60	4	63	25	70(253)	
98.4	2.6	58	58	23	23	73	34	42	12(38)	70	7	66	18	
		64	3	70	24(106)	20	20	60	60	3	63	24	70(253)	

 HA=180.1 HI= 29.5 GGW= 28.7 SL= 0.0 MAX(A,B,C,D)= 6.8 6.0 6.5 6.5

 Main boom and fixed jib (jib angle 40.0 degrees)
 Length of main boom = 191.9 ft Length of jib = 29.5 ft
 Main boom sequence = 0-100-100-100-100-100 % LK = 74
 Counterweight = 28.7 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]								(Pos.[Degrees])				0-360 Degr.			
		1(0)				2(...)				3(90)							
		4(...)				5(180)				6(...)							
A	B	C	D	A	B	C	D	A	B	C	D	A	B	C	D		
65.6	11.2	58	58	27	27	70	39	42	18(35)	69	14	64	23				
		62	10	68	29(108)	25	25	60	60	10	62	29	69(251)				
72.2	8.8	57	57	26	26	71	37	42	17(36)	69	13	64	22				
		64	9	68	26(104)	24	24	60	60	9	63	27	68(255)				
78.7	6.8	57	57	25	25	71	37	42	16(36)	69	11	65	21				
		64	8	68	25(104)	23	23	60	60	8	63	26	68(255)				
85.3	5.1	57	57	25	25	71	36	42	15(37)	69	10	65	20				
		63	7	68	25(105)	22	22	60	60	6	63	25	69(254)				
91.9	3.5	57	57	24	24	71	35	41	14(37)	69	9	65	19				
		63	6	68	24(105)	21	21	60	60	5	63	25	69(254)				
98.4	2.2	57	57	23	23	71	35	41	13(37)	69	8	65	18				
		63	5	69	24(105)	21	21	60	60	4	63	24	69(254)				

 HA=191.9 HI= 29.5 GGW= 28.7 SL= 0.0 MAX(A,B,C,D)= 6.6 5.9 6.4 6.4

Main boom and fixed jib (jib angle 40.0 degrees)
 Length of main boom = 193.9 ft Length of jib = 29.5 ft
 Main boom sequence = 45-90-90-90-90-90 % LK = 76
 Counterweight = 28.7 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]								(Pos.[Degrees])				0-360 Degr.			
		1(0)				2(...)				3(90)							
		4(...)				5(180)				6(...)							
A	B	C	D	A	B	C	D	A	B	C	D	A	B	C	D		
65.6	10.1	57	57	27	27	69	39	42	18(35)	68	14	64	23				
		62	10	68	29(108)	25	25	59	59	10	61	29	68(251)				
72.2	7.7	57	57	26	26	70	38	41	17(35)	68	13	64	22				
		63	9	67	26(103)	24	24	59	59	9	63	26	67(256)				
78.7	5.7	57	57	25	25	70	37	41	16(36)	68	11	64	21				
		63	8	67	25(104)	23	23	59	59	8	63	26	68(255)				
85.3	4.0	56	56	25	25	70	36	41	15(36)	68	10	64	20				
		63	7	68	25(104)	22	22	59	59	7	63	25	68(255)				
91.9	2.4	56	56	24	24	71	35	41	14(37)	68	9	64	19				
		63	6	68	24(105)	21	21	59	59	6	62	25	68(254)				

 HA=193.9 HI= 29.5 GGW= 28.7 SL= 0.0 MAX(A,B,C,D)= 6.6 5.9 6.3 6.3

 HA=193.9 HI= 29.5 GGW= 28.7 SL= 0.0 MAX(A,B,C,D)= 0.0 0.0 0.0 0.0

 HA=193.9 HI= 29.5 GGW= 28.7 SL= 0.0 MAX(A,B,C,D)= 0.0 0.0 0.0 0.0

 HA=193.9 HI= 29.5 GGW= 28.7 SL= 0.0 MAX(A,B,C,D)= 0.0 0.0 0.0 0.0

Programm L A M O S 9 9 Version 1.08 vom 29.09.02

14.10.2003, 15:35:12

Eingabedatei: ilam.dat

Festdatei : /berechnung/tabellen/zentraledaten/lamosfd-ac/200-1.99dat

Tabellendat.: /berechnung/tabellen/ac/ac200-1/serie_3/pc_tab/22137012_tab.txt

H

DEMAG Mobile Cranes

O U T R I G G E R - L O A D I N G S

(Variance = +-10%)

PSI= 1.00

Crane : *** AC 200-1 *** mit HKHI fuer GA und MS

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-----
Outrigger width   = 18.7 ft           Outrigger length = 27.7 ft
Outrigger "A"    X = 12.0 ft           Outrigger "A"    Y =  9.4 ft
Outrigger "B"    X = 12.0 ft           Outrigger "B"    Y = -9.4 ft
Outrigger "C"    X = -15.7 ft          Outrigger "C"    Y =  9.4 ft
Outrigger "D"    X = -15.7 ft          Outrigger "D"    Y = -9.4 ft
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Main boom and fixed jib (jib angle 0.0 degrees)
Length of main boom = 40.7 ft           Length of jib    = 29.5 ft
Main boom sequence = 0-0-0-0-0-0 %      LK = 1
Counterweight      = 19.6 kip
-----
```

Radius Cap. [ft]	Outrigger Loadin[kip]	(Pos.[Degrees])				0-360 Degr.		
		1(0)		2(...)			3(90)	
		4(...)	5(180)	6(...)				
A B C D	A B C D	A B C D	A B C D					
9.8	39.7	45 45 49 49	43 48 47 51	(59)	43 50 45 50			
		45 50 45 48(128)	49 49 46 46		50 45 48 45(232)			
11.5	39.7	46 46 48 48	46 47 47 48	(59)	46 47 47 48			
		47 47 47 48(127)	47 47 47 47		47 47 48 47(232)			
13.1	39.7	48 48 46 46	49 45 49 45	(59)	49 44 49 46			
		48 44 50 47(128)	45 45 49 49		44 48 47 50(232)			
14.8	39.7	50 50 45 45	53 44 49 43	(59)	52 41 52 44			
		49 41 52 46(128)	44 44 51 51		41 49 46 52(232)			
16.4	39.7	51 51 43 43	56 42 50 40	(59)	54 39 54 42			
		50 37 55 46(128)	42 42 52 52		37 50 46 55(232)			
19.7	39.7	55 55 40 40	57 52 42 38	(11)	60 33 58 37			
		60 33 58 37(90)	39 39 56 56		33 60 37 58(270)			
23.0	39.7	58 58 36 36	65 48 44 31	(27)	65 28 62 33			
		63 26 63 35(99)	35 35 59 59		26 63 35 64(260)			
26.2	38.6	60 60 33 33	71 45 46 26	(34)	70 23 65 29			
		65 20 68 34(105)	32 32 61 61		20 65 34 69(254)			
29.5	35.3	61 61 31 31	73 43 46 22	(36)	71 19 66 27			
		66 16 70 32(107)	30 30 62 62		16 65 33 70(252)			
32.8	31.7	61 61 30 30	74 40 46 20	(38)	72 17 67 25			
		65 13 71 31(108)	28 28 62 62		13 65 31 71(251)			
39.4	27.1	62 62 26 26	77 38 45 15	(38)	75 11 69 21			
		68 7 73 27(106)	24 24 64 64		7 68 27 73(253)			
45.9	21.2	60 60 25 25	76 37 44 14	(38)	73 9 68 19			
		67 6 72 26(106)	22 22 63 63		5 66 26 72(253)			
52.5	16.5	59 59 24 24	75 35 43 13	(38)	72 8 67 18			
		65 4 71 24(106)	21 21 62 62		4 65 25 71(253)			

59.1 13.0 58 58 23 23 74 34 42 12(38) 71 7 66 17
 65 3 71 24(106) 20 20 61 61 3 64 24 71(253)

HA= 40.7 HI= 29.5 GGW= 19.6 SL= 0.0 MAX(A,B,C,D)= 7.2 6.3 6.8 6.8

Main boom and fixed jib (jib angle 0.0 degrees)
 Length of main boom = 54.5 ft Length of jib = 29.5 ft
 Main boom sequence = 0-0-0-0-0-45 % LK = 7
 Counterweight = 19.6 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
	1(0)				2(...)								
	4(...)				5(180)								
	A	B	C	D	A	B	C	D	A	B	C	D	
9.8	39.7	45	45	50	50	42	49	46	51(59)	43	50	45	50
		45	51	44	49(128)	49	49	45	45	51	45	49	44(232)
11.5	39.7	46	46	48	48	45	47	47	49(59)	46	48	47	48
		46	48	47	48(127)	47	47	47	47	48	46	48	47(232)
13.1	39.7	48	48	47	47	49	46	48	46(59)	48	45	49	46
		47	45	49	47(127)	46	46	49	49	45	47	47	49(232)
14.8	39.7	49	49	45	45	52	44	49	43(59)	51	42	51	44
		49	41	52	47(128)	44	44	50	50	41	49	47	52(232)
16.4	39.7	51	51	43	43	55	43	50	41(59)	54	39	53	42
		50	38	54	46(128)	42	42	52	52	38	50	46	54(232)
19.7	39.7	54	54	40	40	56	52	41	39(7)	59	34	57	38
		59	34	57	38(90)	39	39	55	55	34	59	38	57(270)
23.0	39.7	57	57	37	37	64	49	44	32(25)	65	29	61	34
		63	28	62	35(97)	36	36	58	58	27	63	35	63(262)
26.2	39.7	60	60	34	34	71	45	46	26(34)	70	23	65	30
		65	21	68	34(105)	33	33	62	62	21	65	34	69(254)
29.5	39.7	64	64	30	30	78	42	48	21(39)	75	18	69	26
		68	14	74	32(109)	30	30	65	65	14	68	33	74(250)
32.8	37.3	65	65	28	28	80	41	47	17(38)	78	14	71	23
		69	10	76	31(111)	27	27	66	66	9	68	32	77(248)
39.4	29.3	63	63	26	26	79	39	45	15(38)	76	11	70	21
		70	7	75	27(106)	24	24	65	65	7	69	27	75(253)
45.9	22.3	60	60	25	25	76	37	44	14(38)	73	10	68	20
		67	6	72	26(106)	23	23	63	63	6	66	26	72(253)
52.5	17.6	59	59	24	24	75	36	43	13(38)	72	9	67	19
		65	5	71	25(106)	22	22	62	62	5	65	25	71(253)
59.1	14.1	58	58	23	23	74	35	42	13(38)	71	8	66	18
		65	4	70	24(106)	21	21	61	61	4	64	24	71(253)
65.6	11.2	57	57	23	23	73	34	41	12(38)	70	7	65	17
		64	3	70	23(106)	20	20	60	60	3	63	24	70(253)
72.2	9.3	57	57	22	22	73	33	41	11(38)	70	6	66	16
		64	1	70	22(106)	19	19	60	60	1	63	23	70(253)

HA= 54.5 HI= 29.5 GGW= 19.6 SL= 0.0 MAX(A,B,C,D)= 7.5 6.4 7.1 7.1

Main boom and fixed jib (jib angle 0.0 degrees)
 Length of main boom = 68.6 ft Length of jib = 29.5 ft
 Main boom sequence = 0-0-0-0-0-90 % LK = 13
 Counterweight = 19.6 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
	1(0)				2(...)				3(90)				
	4(...)				5(180)				6(...)				
	A	B	C	D	A	B	C	D	A	B	C	D	
13.1 39.7	47	47	47	47	48	46	48	48	46(59)	48	45	49	47
	47	45	49	47(127)	46	46	48	48	45	47	47	49(232)	
14.8 39.7	49	49	45	45	51	45	49	44(59)	51	43	51	45	
	48	42	51	47(128)	44	44	50	50	42	48	47	51(232)	
16.4 39.7	50	50	44	44	54	43	50	41(59)	53	40	53	43	
	49	39	54	46(128)	43	43	52	52	39	49	46	54(232)	
19.7 39.7	54	54	41	41	54	53	41	40(3)	59	35	57	39	
	59	35	57	39(90)	39	39	55	55	35	59	39	57(270)	
23.0 39.7	57	57	37	37	63	49	44	33(24)	64	29	61	34	
	63	28	62	36(96)	36	36	58	58	28	63	36	62(263)	
26.2 38.4	59	59	35	35	68	46	45	28(31)	68	25	64	31	
	64	22	66	34(103)	34	34	60	60	22	64	35	66(256)	
29.5 35.7	60	60	32	32	71	43	46	24(35)	70	21	65	28	
	65	18	69	33(106)	31	31	61	61	18	65	33	69(253)	
32.8 33.1	61	61	30	30	73	41	46	21(37)	71	18	66	26	
	65	15	70	32(108)	29	29	62	62	15	65	32	71(251)	
39.4 29.1	62	62	27	27	77	39	45	16(38)	75	12	69	22	
	69	9	73	28(106)	25	25	64	64	8	68	28	73(253)	
45.9 23.1	61	61	25	25	76	37	44	15(38)	73	11	68	20	
	67	7	72	26(106)	23	23	63	63	6	67	27	72(253)	
52.5 18.3	59	59	24	24	74	36	43	14(38)	72	9	67	19	
	65	6	71	25(106)	22	22	62	62	6	65	26	71(253)	
59.1 14.8	58	58	24	24	73	35	42	13(38)	71	8	66	19	
	64	5	70	24(106)	21	21	61	61	4	64	25	70(253)	
65.6 11.9	57	57	23	23	73	34	42	12(38)	70	8	65	18	
	63	4	69	24(106)	20	20	60	60	4	63	24	70(253)	
72.2 9.9	57	57	22	22	73	34	41	11(38)	70	6	65	17	
	63	2	70	23(106)	19	19	60	60	2	63	23	70(253)	
78.7 8.2	57	57	22	22	73	33	41	10(38)	70	5	65	16	
	63	1	70	22(106)	19	19	60	60	1	63	23	70(253)	
85.3 6.6	57	57	21	21	73	32	41	9(39)	70	4	65	15	
	63	0	70	22(107)	18	18	60	60	0	62	23	70(252)	

HA= 68.6 HI= 29.5 GGW= 19.6 SL= 0.0 MAX(A,B,C,D)= 7.2 6.3 6.8 6.8

Main boom and fixed jib (jib angle 0.0 degrees)

Length of main boom = 70.2 ft Length of jib = 29.5 ft

Main boom sequence = 0-0-0-0-100 % LK = 14

Counterweight = 19.6 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.			
	1(0)				2(...)				3(90)			
	4(...)				5(180)				6(...)			
	A	B	C	D	A	B	C	D	A	B	C	D
13.1 39.7	47	47	47	47	48	46	48	47(59)	48	45	49	47
	47	45	49	47(127)	46	46	48	48	45	47	47	49(232)
14.8 39.7	49	49	45	45	51	45	49	44(59)	50	43	50	45
	48	42	51	47(128)	44	44	50	50	42	48	47	51(232)
16.4 39.7	50	50	44	44	54	43	50	41(59)	53	40	53	43
	49	39	54	46(128)	43	43	52	52	39	49	46	54(232)

19.7	39.7	54	54	41	41	54	53	41	40(2)	58	35	57	39
		58	35	57	39(90)	40	40	55	55	35	58	39	57(270)
23.0	38.1	56	56	38	38	61	49	43	34(21)	62	30	60	35
		62	30	60	35(93)	37	37	57	57	30	62	36	60(266)
26.2	35.3	57	57	35	35	64	47	43	30(27)	64	26	61	32
		62	25	63	34(99)	34	34	58	58	25	62	34	63(260)
29.5	32.4	57	57	33	33	66	45	44	27(31)	66	23	62	30
		63	21	65	33(102)	32	32	59	59	21	62	33	65(257)
32.8	29.8	58	58	32	32	68	42	44	24(34)	67	21	63	28
		63	18	66	32(105)	30	30	59	59	18	62	32	66(254)
39.4	25.8	59	59	28	28	71	40	43	20(35)	70	16	65	24
		63	12	69	30(108)	27	27	61	61	12	63	30	69(251)
45.9	22.7	60	60	26	26	75	38	43	15(37)	73	11	67	21
		67	7	71	26(105)	24	24	62	62	7	66	26	71(254)
52.5	18.3	59	59	25	25	74	36	43	14(38)	71	10	67	19
		65	6	71	25(106)	22	22	61	61	6	65	26	71(253)
59.1	14.8	58	58	24	24	73	35	42	13(38)	71	9	66	19
		64	5	70	25(106)	21	21	61	61	5	64	25	70(253)
65.6	12.1	58	58	23	23	73	34	42	12(38)	70	7	65	18
		64	4	70	24(106)	20	20	60	60	3	63	24	70(253)
72.2	9.9	57	57	22	22	73	34	41	11(38)	70	7	65	17
		63	3	69	23(106)	19	19	60	60	2	63	24	70(253)
78.7	8.2	57	57	22	22	73	33	41	11(38)	70	6	65	16
		63	2	70	22(106)	19	19	60	60	1	63	23	70(253)
85.3	6.6	57	57	21	21	73	32	40	10(38)	70	5	65	16
		63	1	70	22(106)	18	18	60	60	0	63	22	70(253)

 HA= 70.2 HI= 29.5 GGW= 19.6 SL= 0.0 MAX(A,B,C,D)= 7.0 6.2 6.6 6.6

Main boom and fixed jib (jib angle 0.0 degrees)

Length of main boom = 82.3 ft Length of jib = 29.5 ft

Main boom sequence = 0-0-0-0-45-90 % LK = 20

Counterweight = 19.6 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
	1(0)		2(...)		3(90)		6(...)						
	4(...)		5(180)		6(...)								
	A	B	C	D	A	B	C	D	A	B	C	D	
16.4	39.7	50	50	44	44	54	43	50	41(59)	53	40	53	43
		49	39	54	46(128)	43	43	52	52	39	49	46	54(232)
19.7	39.7	54	54	41	41	54	53	41	40(2)	59	35	57	39
		59	35	57	39(90)	40	40	55	55	35	59	39	57(270)
23.0	39.7	57	57	37	37	63	49	44	33(24)	64	30	61	35
		63	28	62	36(96)	36	36	58	58	28	62	36	62(263)
26.2	39.7	60	60	34	34	70	46	46	27(33)	69	24	65	30
		65	22	67	34(104)	33	33	61	61	21	65	35	68(255)
29.5	38.6	62	62	32	32	75	43	47	22(37)	73	20	68	27
		67	16	72	33(108)	30	30	63	63	16	67	33	72(251)
32.8	36.2	63	63	29	29	78	42	46	19(37)	75	16	69	24
		67	12	74	32(110)	28	28	64	64	12	67	32	74(249)
39.4	30.2	63	63	26	26	79	39	46	15(38)	77	11	70	21
		70	7	75	27(106)	25	25	65	65	7	69	28	75(253)
45.9	23.4	61	61	25	25	76	37	44	14(38)	74	10	68	20
		67	6	73	26(106)	23	23	63	63	6	67	26	73(253)

52.5	18.3	59	59	25	25	74	36	43	14(38)	71	10	67	19
	65	6	71	25(106)		22	22	62	62	6	65	26	71(253)
59.1	14.8	58	58	24	24	73	35	42	13(38)	71	9	66	19
	64	5	70	25(106)		21	21	61	61	5	64	25	70(253)
65.6	11.9	57	57	23	23	72	34	42	13(38)	70	8	65	18
	63	4	69	24(106)		20	20	60	60	4	63	24	69(253)
72.2	9.9	57	57	22	22	73	34	41	11(38)	70	7	65	17
	63	3	70	23(106)		19	19	60	60	2	63	24	70(253)
78.7	8.2	57	57	22	22	73	33	41	11(38)	70	6	65	16
	63	2	70	22(106)		19	19	60	60	1	63	23	70(253)
85.3	6.6	57	57	21	21	73	32	40	10(38)	70	5	65	16
	63	1	70	22(106)		18	18	60	60	0	63	22	70(253)
91.9	5.5	57	57	20	20	73	31	41	9(39)	70	4	66	15
	62	0	71	21(107)		17	17	60	60	0	62	21	72(252)
98.4	4.4	57	57	20	20	74	31	41	8(39)	71	3	66	14
	61	0	72	19(107)		16	16	60	60	0	61	20	73(252)

 HA= 82.3 HI= 29.5 GGW= 19.6 SL= 0.0 MAX(A,B,C,D)= 7.4 6.5 6.9 6.9

Main boom and fixed jib (jib angle 0.0 degrees)

Length of main boom = 84.0 ft Length of jib = 29.5 ft

Main boom sequence = 0-0-0-0-45-100 % LK = 21

Counterweight = 19.6 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
	1(0)		2(...)		3(90)								
	4(...)	5(180)			6(...)								
A B C D	A B C D	A B C D	A B C D	A B C D									
16.4	39.7	50	50	44	44	54	43	50	41(59)	53	40	53	43
	49	39	54	46(128)		43	43	52	52	39	49	46	54(232)
19.7	39.7	54	54	41	41	54	53	41	40(2)	58	35	57	39
	58	35	57	39(90)		40	40	55	55	35	58	39	57(270)
23.0	39.7	57	57	37	37	63	49	43	33(23)	64	30	61	35
	63	29	62	36(96)		36	36	58	58	28	62	36	62(263)
26.2	36.8	58	58	35	35	66	47	44	29(29)	66	26	62	32
	63	24	64	34(101)		34	34	59	59	24	63	34	65(258)
29.5	34.4	59	59	33	33	69	44	45	26(33)	68	22	64	29
	64	20	67	33(104)		32	32	60	60	19	64	33	67(255)
32.8	32.2	60	60	31	31	72	42	45	22(36)	70	19	65	26
	65	16	69	32(107)		29	29	61	61	15	64	32	69(252)
39.4	27.8	61	61	28	28	75	39	45	18(37)	73	14	67	23
	65	10	72	30(110)		26	26	63	63	9	64	30	72(249)
45.9	23.4	61	61	25	25	76	37	44	15(38)	74	11	68	20
	67	7	72	26(106)		23	23	63	63	6	67	27	73(253)
52.5	18.5	59	59	24	24	75	36	43	14(38)	72	9	67	19
	65	6	71	25(106)		22	22	62	62	6	65	26	71(253)
59.1	14.8	58	58	24	24	73	36	42	13(37)	70	9	66	19
	65	5	70	24(105)		21	21	61	61	5	64	25	70(254)
65.6	12.1	57	57	23	23	73	34	42	12(38)	70	8	65	18
	64	4	70	24(106)		20	20	60	60	4	63	24	70(253)
72.2	9.9	57	57	22	22	72	34	41	12(38)	70	7	65	17
	63	3	69	23(106)		19	19	60	60	3	63	24	70(253)
78.7	8.2	57	57	22	22	72	33	41	11(38)	70	6	65	17
	63	2	69	23(106)		19	19	60	60	2	63	23	70(253)

85.3 6.6 56 56 21 21 72 32 40 10(38) 69 5 65 16
 63 1 69 22(106) 18 18 60 60 1 62 22 70(253)
 91.9 5.5 57 57 21 21 73 31 41 9(39) 70 4 65 15
 62 0 71 21(107) 17 17 60 60 0 62 21 71(252)
 98.4 4.4 57 57 20 20 73 31 41 8(39) 70 3 66 14
 62 0 72 20(107) 17 17 60 60 0 61 20 72(252)

 HA= 84.0 HI= 29.5 GGW= 19.6 SL= 0.0 MAX(A,B,C,D)= 7.1 6.2 6.7 6.7

Main boom and fixed jib (jib angle 0.0 degrees)
 Length of main boom = 96.5 ft Length of jib = 29.5 ft
 Main boom sequence = 0-0-0-0-90-90 % LK = 28
 Counterweight = 19.6 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.
		1(0)		2(...)		3(90)		6(...)		
		A	B	C	D	A	B	C	D	
19.7	39.7	54	54	41	41	54	53	41	40(2)	59 35 57 39
		59	35	57	39(90)	40	40	55	55	35 59 39 57(270)
23.0	39.7	57	57	37	37	63	49	44	33(24)	64 30 61 35
		63	28	62	36(96)	36	36	58	58	28 62 36 62(263)
26.2	39.7	60	60	34	34	70	46	46	27(33)	69 24 65 30
		65	22	67	34(104)	33	33	61	61	22 65 35 68(255)
29.5	39.0	63	63	31	31	76	43	47	22(37)	74 19 68 27
		67	16	72	33(108)	30	30	64	64	15 67 33 72(251)
32.8	36.6	64	64	29	29	78	42	47	19(37)	76 16 70 24
		68	11	75	32(110)	28	28	65	65	11 67 32 75(249)
39.4	30.4	63	63	26	26	80	39	46	15(39)	77 11 71 21
		70	7	75	28(107)	25	25	65	65	7 69 28 75(252)
45.9	23.4	61	61	25	25	76	37	44	15(38)	74 10 68 20
		67	6	73	26(106)	23	23	63	63	6 67 27 73(253)
52.5	18.3	59	59	25	25	74	36	43	14(38)	71 10 67 19
		65	6	71	25(106)	22	22	61	61	6 65 26 71(253)
59.1	14.8	58	58	24	24	73	35	42	13(38)	71 9 66 19
		64	5	70	25(106)	21	21	61	61	5 64 25 70(253)
65.6	12.1	58	58	23	23	73	34	42	12(38)	70 7 65 18
		64	4	70	24(106)	20	20	60	60	4 63 24 70(253)
72.2	9.9	57	57	22	22	73	34	41	11(38)	70 7 65 17
		63	3	69	23(106)	19	19	60	60	2 63 24 70(253)
78.7	8.2	57	57	22	22	73	33	41	11(38)	70 6 65 16
		63	2	69	22(106)	19	19	60	60	2 63 23 70(253)
85.3	6.6	56	56	21	21	72	32	41	10(38)	70 5 65 16
		63	1	69	22(106)	18	18	60	60	1 63 22 70(253)
91.9	5.5	57	57	20	20	73	31	41	9(39)	70 4 66 15
		62	0	71	21(107)	17	17	60	60	0 62 21 71(252)
98.4	4.2	56	56	20	20	73	31	41	9(39)	70 3 65 15
		62	0	71	21(107)	17	17	60	60	0 61 21 71(252)
105.0	3.1	56	56	20	20	73	31	40	8(39)	69 3 65 14
		61	0	71	20(107)	17	17	59	59	0 60 20 71(252)
111.5	2.2	56	56	20	20	73	30	40	8(39)	69 3 65 14
		60	0	71	19(107)	16	16	59	59	0 60 19 72(252)

 HA= 96.5 HI= 29.5 GGW= 19.6 SL= 0.0 MAX(A,B,C,D)= 7.4 6.4 7.0 7.0

23.0	39.7	57	57	37	37	63	49	43	33(24)	64	29	61	34
		63	28	62	35(96)	36	36	58	58	28	63	36	62(263)
26.2	39.7	60	60	34	34	71	46	46	27(33)	70	24	65	30
		66	21	68	34(104)	33	33	61	61	21	65	34	68(255)
29.5	39.7	63	63	31	31	77	43	48	21(38)	75	19	69	26
		68	15	73	33(109)	30	30	64	64	14	67	33	74(250)
32.8	36.6	64	64	29	29	79	42	47	19(37)	76	15	70	24
		68	11	75	31(110)	28	28	65	65	11	68	32	75(249)
39.4	28.9	62	62	27	27	78	39	45	16(38)	75	12	69	21
		69	8	73	27(106)	25	25	64	64	8	68	28	74(253)
45.9	22.9	61	61	25	25	76	37	44	14(38)	74	10	68	20
		67	6	73	26(106)	23	23	63	63	6	67	26	73(253)
52.5	18.1	59	59	24	24	75	36	43	14(38)	72	9	67	19
		65	5	71	25(106)	22	22	62	62	5	65	26	71(253)
59.1	14.3	58	58	24	24	73	35	42	13(38)	71	8	66	19
		64	5	70	24(106)	21	21	61	61	4	64	25	70(253)
65.6	11.7	57	57	23	23	73	34	42	12(38)	70	7	65	18
		64	3	70	24(106)	20	20	60	60	3	63	24	70(253)
72.2	9.5	57	57	22	22	73	34	41	11(38)	70	6	65	17
		63	2	69	23(106)	19	19	60	60	2	63	24	70(253)
78.7	7.7	57	57	22	22	73	33	41	11(38)	70	6	65	16
		63	1	70	22(106)	19	19	60	60	1	63	23	70(253)
85.3	6.2	56	56	21	21	72	32	40	10(38)	70	5	65	16
		63	1	69	22(106)	18	18	60	60	0	63	22	70(253)
91.9	4.9	56	56	21	21	73	31	41	9(39)	70	4	65	15
		62	0	70	22(107)	17	17	60	60	0	62	22	70(252)
98.4	3.7	56	56	20	20	73	31	40	8(39)	70	3	65	15
		61	0	71	20(107)	17	17	60	60	0	61	21	71(252)
105.0	2.6	56	56	20	20	73	31	40	8(39)	69	3	65	14
		61	0	71	20(107)	16	16	59	59	0	60	20	71(252)

 HA=110.2 HI= 29.5 GGW= 19.6 SL= 0.0 MAX(A,B,C,D)= 7.3 6.3 7.0 7.0

Main boom and fixed jib (jib angle 0.0 degrees)

Length of main boom = 114.5 ft Length of jib = 29.5 ft
 Main boom sequence = 0-0-0-45-100-100 % LK = 37
 Counterweight = 19.6 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.			
		1(0)		2(...)		3(90)		6(...)					
		4(...)		5(180)		6(...)							
		A	B	C	D	A	B	C	D				
26.2	38.4	59	59	34	34	69	46	45	28(32)	68	24	64	31
		65	22	66	34(103)	33	33	60	60	22	64	34	67(256)
29.5	35.9	60	60	32	32	72	43	46	24(35)	71	21	66	28
		65	18	69	33(106)	31	31	62	62	18	65	33	69(253)
32.8	33.7	62	62	30	30	75	41	46	21(38)	73	17	67	25
		66	14	71	31(108)	29	29	63	63	13	66	32	72(251)
39.4	28.4	62	62	27	27	77	40	45	17(37)	74	13	69	22
		69	9	73	27(105)	25	25	63	63	9	68	28	73(254)
45.9	22.9	61	61	25	25	76	37	44	14(38)	74	10	68	20
		67	6	72	26(106)	23	23	63	63	6	67	26	73(253)
52.5	18.1	59	59	24	24	75	36	43	14(38)	72	9	67	19
		65	6	71	25(106)	22	22	62	62	5	65	26	71(253)

59.1	14.6	58	58	24	24	73	35	42	13(38)	71	8	66	18
	65	4	70	24(106)	21	21	61	61	4	64	25	71(253)	
65.6	11.7	57	57	23	23	73	34	42	12(38)	70	7	65	18
	64	4	70	24(106)	20	20	60	60	3	63	24	70(253)	
72.2	9.5	57	57	22	22	72	34	41	11(38)	70	7	65	17
	63	3	69	23(106)	19	19	60	60	2	63	24	70(253)	
78.7	7.7	57	57	22	22	72	33	41	11(38)	70	6	65	16
	63	2	69	22(106)	19	19	60	60	1	63	23	70(253)	
85.3	6.4	57	57	21	21	73	32	41	9(39)	70	4	65	15
	63	0	70	22(107)	18	18	60	60	0	62	22	70(252)	
91.9	5.1	57	57	20	20	73	31	41	9(39)	70	4	65	15
	62	0	71	21(107)	17	17	60	60	0	62	21	71(252)	
98.4	3.7	56	56	20	20	73	31	40	9(39)	69	3	65	15
	62	0	71	21(107)	17	17	60	60	0	61	21	71(252)	
105.0	2.6	56	56	20	20	72	31	40	8(39)	69	3	65	14
	61	0	71	20(107)	17	17	59	59	0	60	20	71(252)	

 HA=114.5 HI= 29.5 GGW= 19.6 SL= 0.0 MAX(A,B,C,D)= 7.1 6.3 6.7 6.8

Main boom and fixed jib (jib angle 0.0 degrees)
 Length of main boom = 124.3 ft Length of jib = 29.5 ft
 Main boom sequence = 0-0-0-90-90-90 % LK = 45
 Counterweight = 19.6 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.
	1(0)		2(...)		3(90)				
	4(...)	5(180)	6(...)						
A B C D	A B C D	A B C D	A B C D						
29.5 39.0	63 63 31 31	77 42 48 21(38)	75 19 69 26						
	68 15 73 33(109)	30 30 64 64	14 67 33 73(250)						
32.8 34.2	62 62 30 30	76 42 45 20(36)	74 17 68 25						
	67 13 73 31(109)	28 28 63 63	12 66 32 73(250)						
39.4 26.9	61 61 27 27	75 39 44 17(37)	73 13 67 22						
	67 10 71 28(105)	26 26 62 62	10 67 28 71(254)						
45.9 21.6	60 60 26 26	74 38 43 15(37)	72 11 67 21						
	66 7 71 26(105)	23 23 62 62	7 66 26 71(254)						
52.5 17.4	59 59 24 24	74 36 43 14(38)	71 9 66 19						
	65 6 71 25(106)	22 22 61 61	5 65 26 71(253)						
59.1 14.1	58 58 23 23	73 35 42 13(38)	71 8 66 18						
	65 4 70 24(106)	21 21 61 61	4 64 25 71(253)						
65.6 11.2	57 57 23 23	73 34 41 12(38)	70 7 65 18						
	64 3 70 24(106)	20 20 60 60	3 63 24 70(253)						
72.2 9.0	57 57 22 22	72 33 41 11(38)	70 6 65 17						
	63 2 69 23(106)	19 19 60 60	2 63 23 70(253)						
78.7 7.3	57 57 22 22	72 33 41 10(38)	70 5 65 16						
	63 1 69 22(106)	18 18 60 60	1 63 23 70(253)						
85.3 6.0	57 57 21 21	73 32 41 9(39)	70 4 65 15						
	63 0 70 22(107)	17 17 60 60	0 62 22 71(252)						
91.9 4.4	56 56 21 21	73 31 41 9(39)	69 4 65 15						
	62 0 70 21(107)	17 17 60 60	0 61 22 70(252)						
98.4 3.3	56 56 20 20	73 31 40 8(39)	70 3 65 14						
	61 0 71 20(107)	17 17 60 60	0 60 21 71(252)						

 HA=124.3 HI= 29.5 GGW= 19.6 SL= 0.0 MAX(A,B,C,D)= 7.1 6.2 6.8 6.8

 Main boom and fixed jib (jib angle 0.0 degrees)
 Length of main boom = 130.9 ft Length of jib = 29.5 ft
 Main boom sequence = 0-0-0-100-100-100 % LK = 46
 Counterweight = 19.6 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]								(Pos.[Degrees])				0-360 Degr.
		1(0)				2(...)				3(90)				
		4(...)				5(180)				6(...)				
A	B	C	D	A	B	C	D	A	B	C	D			
29.5	35.3	60	60	32	32	72	43	45	24	(35)	70	21	65	28
		65	18	69	33(106)	31	31	62	62		17	65	33	69(253)
32.8	33.3	61	61	30	30	75	41	46	20	(38)	73	17	67	25
		66	13	71	31(108)	28	28	63	63		13	66	32	72(251)
39.4	26.5	60	60	28	28	74	40	44	18	(36)	72	14	67	23
		65	10	71	30(109)	26	26	62	62		10	64	30	71(250)
45.9	21.2	59	59	26	26	74	38	43	16	(37)	71	12	66	21
		66	8	70	26(105)	24	24	62	62		8	65	27	70(254)
52.5	17.2	59	59	24	24	73	36	42	14	(37)	71	10	66	19
		65	6	70	25(105)	22	22	61	61		6	65	25	70(254)
59.1	13.9	58	58	24	24	73	35	42	13	(38)	70	8	66	19
		64	4	70	24(106)	21	21	61	61		4	64	25	70(253)
65.6	11.2	57	57	23	23	73	34	41	12	(38)	70	7	65	18
		64	3	70	24(106)	20	20	60	60		3	63	24	70(253)
72.2	9.0	57	57	22	22	72	33	41	11	(38)	70	6	65	17
		63	2	69	23(106)	19	19	60	60		2	63	23	70(253)
78.7	7.3	57	57	22	22	72	33	41	11	(38)	70	5	65	16
		63	1	69	22(106)	18	18	60	60		1	63	23	70(253)
85.3	6.0	57	57	21	21	73	32	41	9	(39)	70	4	65	15
		63	0	70	22(107)	17	17	60	60		0	62	22	71(252)
91.9	4.4	56	56	21	21	73	31	41	9	(39)	69	4	65	15
		62	0	70	21(107)	17	17	60	60		0	61	22	70(252)
98.4	3.3	56	56	20	20	73	31	40	8	(39)	70	3	65	15
		61	0	71	20(107)	17	17	60	60		0	60	21	71(252)

 HA=130.9 HI= 29.5 GGW= 19.6 SL= 0.0 MAX(A,B,C,D)= 7.0 6.1 6.6 6.7

Main boom and fixed jib (jib angle 0.0 degrees)
 Length of main boom = 138.1 ft Length of jib = 29.5 ft
 Main boom sequence = 0-0-45-90-90-90 % LK = 54
 Counterweight = 19.6 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]								(Pos.[Degrees])				0-360 Degr.
		1(0)				2(...)				3(90)				
		4(...)				5(180)				6(...)				
A	B	C	D	A	B	C	D	A	B	C	D			
32.8	31.5	60	60	30	30	73	41	45	21	(37)	71	18	66	25
		65	14	70	31(108)	28	28	62	62		14	65	32	71(251)
39.4	24.7	59	59	28	28	73	39	43	18	(36)	71	14	66	23
		63	11	70	30(109)	26	26	61	61		10	63	30	70(250)
45.9	19.6	58	58	26	26	72	38	42	17	(36)	70	12	65	21
		65	9	69	26(104)	24	24	61	61		9	65	26	69(255)
52.5	15.7	58	58	25	25	72	36	42	15	(37)	69	10	65	20
		64	7	69	25(105)	22	22	60	60		7	63	26	69(254)

59.1	12.6	57	57	24	24	71	35	41	14(37)	69	9	65	19
		63	5	69	24(105)	21	21	60	60	5	63	25	69(254)
65.6	10.1	57	57	23	23	72	34	41	12(38)	69	7	65	18
		63	4	69	24(106)	20	20	60	60	3	63	24	69(253)
72.2	8.2	57	57	22	22	72	33	41	11(38)	69	6	65	17
		63	2	69	23(106)	19	19	60	60	2	62	23	69(253)
78.7	6.4	56	56	21	21	72	33	41	10(38)	69	5	65	16
		63	1	69	22(106)	18	18	60	60	1	62	23	69(253)
85.3	4.9	56	56	21	21	72	32	40	10(38)	69	4	65	15
		63	0	69	22(106)	18	18	59	59	0	62	22	69(253)
91.9	3.5	56	56	20	20	72	31	40	9(39)	69	4	65	15
		62	0	70	21(107)	17	17	59	59	0	61	22	70(252)
98.4	2.4	56	56	20	20	72	31	40	8(39)	69	3	65	14
		61	0	71	20(107)	17	17	59	59	0	60	20	71(252)

HA=138.1 HI= 29.5 GGW= 19.6 SL= 0.0 MAX(A,B,C,D)= 6.8 6.0 6.6 6.6

Main boom and fixed jib (jib angle 0.0 degrees)

Length of main boom = 145.0 ft Length of jib = 29.5 ft
Main boom sequence = 0-0-45-100-100-100 % LK = 55
Counterweight = 19.6 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.
		1(0)		2(...)		3(90)		6(...)		
		4(...)		5(180)		6(...)				
		A	B	C	D	A	B	C	D	
32.8	30.9	60	60	30	30	72	41	45	21(37)	70 18 66 26
		65	15	69	31(107)	29	29	61	61	15 64 32 69(252)
39.4	24.3	59	59	28	28	71	40	43	19(35)	70 15 65 23
		63	11	69	30(108)	26	26	61	61	11 63 30 69(251)
45.9	19.2	58	58	26	26	71	38	42	17(36)	69 13 65 22
		64	9	68	26(104)	24	24	60	60	9 64 27 68(255)
52.5	15.4	57	57	25	25	71	37	41	15(36)	69 11 65 20
		64	7	68	25(104)	22	22	60	60	7 63 25 68(255)
59.1	12.3	57	57	24	24	71	35	41	14(37)	69 9 64 19
		63	6	68	24(105)	21	21	60	60	6 63 25 68(254)
65.6	9.9	56	56	23	23	71	34	41	13(37)	69 8 64 18
		63	4	68	24(105)	20	20	59	59	4 62 24 69(254)
72.2	7.9	56	56	22	22	71	33	41	12(38)	69 7 64 17
		62	3	69	23(106)	19	19	59	59	3 62 24 69(253)
78.7	6.2	56	56	22	22	71	33	40	11(38)	69 6 64 17
		62	2	69	22(106)	19	19	59	59	2 62 23 69(253)
85.3	4.6	56	56	21	21	71	32	40	10(38)	69 5 64 16
		62	1	69	22(106)	18	18	59	59	1 62 22 69(253)
91.9	3.3	55	55	21	21	71	32	40	10(38)	68 4 64 15
		62	0	68	22(106)	17	17	59	59	0 61 22 69(253)
98.4	2.2	55	55	20	20	71	31	39	9(38)	68 4 64 15
		62	0	69	21(106)	17	17	59	59	0 61 21 69(253)

HA=145.0 HI= 29.5 GGW= 19.6 SL= 0.0 MAX(A,B,C,D)= 6.7 6.0 6.5 6.5

Main boom and fixed jib (jib angle 0.0 degrees)

Length of main boom = 152.2 ft Length of jib = 29.5 ft
Main boom sequence = 0-0-90-90-90-90 % LK = 62

Counterweight = 19.6 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
	1(0)		2(...)		3(90)		6(...)						
A	B	C	D	A	B	C	D	A	B	C	D		
39.4	22.7	58	58	28	28	70	40	42	20(34)	69	15	64	24
	62	12	68	30(108)	26	26	60	60	12	62	30	68(251)	
45.9	17.9	57	57	27	27	70	38	42	17(35)	68	13	64	22
	64	10	67	26(103)	24	24	59	59	10	63	26	67(256)	
52.5	14.1	56	56	25	25	70	36	41	16(36)	68	11	64	21
	63	8	67	25(104)	23	23	59	59	8	62	26	67(255)	
59.1	11.2	56	56	24	24	70	35	41	14(36)	68	9	64	19
	63	6	67	24(104)	21	21	59	59	6	62	24	67(255)	
65.6	8.8	56	56	23	23	70	34	41	13(37)	68	8	64	18
	62	5	67	24(105)	20	20	59	59	4	62	24	68(254)	
72.2	6.8	55	55	22	22	70	34	40	12(37)	68	7	64	17
	62	4	67	23(105)	19	19	59	59	3	62	23	68(254)	
78.7	5.1	55	55	22	22	70	33	40	11(37)	67	6	63	17
	62	3	67	22(105)	19	19	58	58	2	61	23	68(254)	
85.3	3.7	55	55	21	21	71	32	40	10(38)	68	5	64	16
	62	1	68	22(106)	18	18	59	59	1	61	22	68(253)	
91.9	2.4	55	55	21	21	70	32	40	10(38)	68	5	64	15
	61	1	68	22(106)	17	17	58	58	0	61	22	68(253)	

HA=152.2 HI= 29.5 GGW= 19.6 SL= 0.0 MAX(A,B,C,D)= 6.6 5.9 6.3 6.3

Main boom and fixed jib (jib angle 0.0 degrees)

Length of main boom = 161.4 ft Length of jib = 29.5 ft

Main boom sequence = 0-0-100-100-100-100 % LK = 63

Counterweight = 19.6 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
	1(0)		2(...)		3(90)		6(...)						
A	B	C	D	A	B	C	D	A	B	C	D		
39.4	21.8	57	57	29	29	69	39	43	20(36)	67	16	63	24
	62	13	67	30(107)	26	26	59	59	13	61	30	67(252)	
45.9	17.2	56	56	27	27	69	38	41	18(35)	67	14	63	22
	61	10	67	28(108)	24	24	59	59	10	60	29	67(251)	
52.5	13.7	56	56	26	26	69	37	41	17(35)	67	12	63	21
	63	9	66	25(103)	23	23	58	58	9	62	26	67(256)	
59.1	10.8	56	56	24	24	69	35	41	15(36)	67	10	63	20
	62	7	67	24(104)	22	22	58	58	7	62	25	67(255)	
65.6	8.4	55	55	24	24	69	35	40	14(36)	67	9	63	19
	62	6	67	24(104)	21	21	58	58	5	61	24	67(255)	
72.2	6.4	55	55	23	23	69	34	40	13(37)	67	8	63	18
	61	4	67	23(105)	20	20	58	58	4	61	24	67(254)	
78.7	4.9	55	55	22	22	69	33	40	12(37)	67	7	63	17
	62	3	67	22(105)	19	19	58	58	3	61	23	67(254)	
85.3	3.3	54	54	22	22	69	33	39	11(37)	67	6	63	17
	61	2	67	22(105)	18	18	58	58	2	61	22	67(254)	

HA=161.4 HI= 29.5 GGW= 19.6 SL= 0.0 MAX(A,B,C,D)= 6.5 5.8 6.2 6.2

 Main boom and fixed jib (jib angle 0.0 degrees)
 Length of main boom = 166.0 ft Length of jib = 29.5 ft
 Main boom sequence = 0-45-90-90-90-90 % LK = 68
 Counterweight = 19.6 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip] (Pos.[Degrees]) 0-360 Degr.																										
		1(0)				2(...)				3(90)				4(...)				5(180)				6(...)						
		A	B	C	D	A	B	C	D	A	B	C	D	A	B	C	D	A	B	C	D							
39.4	20.1	56	56	29	29	67	39	42	21	(35)	66	16	62	24	61	13	66	29	(106)	26	26	58	58	13	61	30	66	(253)
45.9	15.7	55	55	27	27	67	38	41	19	(34)	66	14	62	23	60	11	66	28	(107)	24	24	58	58	10	60	28	66	(252)
52.5	12.1	55	55	26	26	67	37	40	17	(35)	66	12	62	21	62	9	65	25	(103)	23	23	58	58	9	61	26	65	(256)
59.1	9.3	54	54	25	25	67	36	40	16	(35)	66	11	62	20	61	7	65	24	(103)	22	22	58	58	7	61	25	65	(256)
65.6	7.1	54	54	24	24	68	34	40	14	(36)	66	9	62	19	61	6	66	24	(104)	21	21	58	58	6	61	24	66	(255)
72.2	5.1	54	54	23	23	68	34	39	13	(36)	66	8	62	18	61	5	66	23	(104)	20	20	57	57	5	60	23	66	(255)
78.7	3.5	54	54	22	22	68	33	39	12	(37)	66	7	62	17	60	3	66	23	(105)	19	19	57	57	3	60	23	66	(254)

 HA=166.0 HI= 29.5 GGW= 19.6 SL= 0.0 MAX(A,B,C,D)= 6.3 5.7 6.1 6.2

Main boom and fixed jib (jib angle 0.0 degrees)
 Length of main boom = 175.5 ft Length of jib = 29.5 ft
 Main boom sequence = 0-45-100-100-100-100 % LK = 69
 Counterweight = 19.6 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip] (Pos.[Degrees]) 0-360 Degr.																										
		1(0)				2(...)				3(90)				4(...)				5(180)				6(...)						
		A	B	C	D	A	B	C	D	A	B	C	D	A	B	C	D	A	B	C	D							
45.9	15.2	55	55	27	27	66	39	40	19	(33)	65	14	62	23	60	11	65	28	(107)	25	25	58	58	11	59	29	65	(252)
52.5	11.7	54	54	26	26	66	37	40	17	(34)	65	13	62	22	61	10	64	25	(102)	23	23	57	57	10	61	26	65	(257)
59.1	9.0	54	54	25	25	67	36	40	16	(35)	65	11	62	20	61	8	65	24	(103)	22	22	57	57	8	61	25	65	(256)
65.6	6.8	54	54	24	24	67	34	40	15	(36)	65	9	62	19	61	6	65	24	(104)	21	21	57	57	6	60	24	65	(255)
72.2	4.9	54	54	23	23	67	34	39	14	(36)	65	8	62	19	60	5	65	23	(104)	20	20	57	57	5	60	24	65	(255)
78.7	3.3	54	54	22	22	67	33	39	13	(36)	65	7	62	18	60	4	65	22	(104)	19	19	57	57	4	60	23	66	(255)

 HA=175.5 HI= 29.5 GGW= 19.6 SL= 0.0 MAX(A,B,C,D)= 6.3 5.7 6.1 6.1

Main boom and fixed jib (jib angle 0.0 degrees)
 Length of main boom = 180.1 ft Length of jib = 29.5 ft
 Main boom sequence = 0-90-90-90-90-90 % LK = 73

Counterweight = 19.6 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
	1(0)		2(...)		3(90)		4(...)		5(180)		6(...)		
	A	B	C	D	A	B	C	D	A	B	C	D	
45.9	13.7	54	54	27	27	65	38	40	20(33)	64	15	61	23
		59	12	64	28(106)	25	25	57	57	11	59	28	64(253)
52.5	10.4	54	54	26	26	65	37	40	18(34)	64	13	61	22
		60	10	64	25(102)	23	23	57	57	10	60	26	64(257)
59.1	7.7	54	54	25	25	66	36	39	16(34)	64	11	61	21
		60	8	64	24(102)	22	22	57	57	8	60	25	64(257)
65.6	5.5	53	53	24	24	66	35	39	15(35)	64	10	61	20
		60	7	64	24(103)	21	21	56	56	7	60	24	64(256)
72.2	3.7	53	53	23	23	67	34	39	14(36)	65	8	61	19
		60	5	65	23(104)	20	20	57	57	5	59	24	65(255)

HA=180.1 HI= 29.5 GGW= 19.6 SL= 0.0 MAX(A,B,C,D)= 6.2 5.6 6.0 6.0

HA=180.1 HI= 29.5 GGW= 19.6 SL= 0.0 MAX(A,B,C,D)= 0.0 0.0 0.0 0.0

HA=180.1 HI= 29.5 GGW= 19.6 SL= 0.0 MAX(A,B,C,D)= 0.0 0.0 0.0 0.0

HA=180.1 HI= 29.5 GGW= 19.6 SL= 0.0 MAX(A,B,C,D)= 0.0 0.0 0.0 0.0

HA=180.1 HI= 29.5 GGW= 19.6 SL= 0.0 MAX(A,B,C,D)= 0.0 0.0 0.0 0.0

HA=180.1 HI= 29.5 GGW= 19.6 SL= 0.0 MAX(A,B,C,D)= 0.0 0.0 0.0 0.0

Programm L A M O S 9 9 Version 1.08 vom 29.09.02

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H

DEMAG Mobile Cranes

O U T R I G G E R - L O A D I N G S

(Variance = +-10%)

PSI= 1.00

Crane : *** AC 200-1 *** mit HKHI fuer GA und MS

Outrigger width = 18.7 ft	Outrigger length = 27.7 ft
Outrigger "A" X = 12.0 ft	Outrigger "A" Y = 9.4 ft
Outrigger "B" X = 12.0 ft	Outrigger "B" Y = -9.4 ft
Outrigger "C" X = -15.7 ft	Outrigger "C" Y = 9.4 ft
Outrigger "D" X = -15.7 ft	Outrigger "D" Y = -9.4 ft

Main boom and fixed jib (jib angle 20.0 degrees)

Length of main boom = 40.7 ft Length of jib = 29.5 ft

Main boom sequence = 0-0-0-0-0-0 % LK = 1

Counterweight = 19.6 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]								(Pos.[Degrees])				0-360 Degr.				
	1(0)				2(...)				3(90)								
	4(...)				5(180)				6(...)								
	A	B	C	D	A	B	C	D	A	B	C	D	A	B	C	D	
16.4 34.2	46	46	46	46	46	45	47	47	45(59)	46	44	47	46				
	45	44	47	46(127)	45	45	47	47		44	45	46	47(232)				
19.7 31.5	47	47	43	43	50	42	47	41(59)	49	40	49	42					
	46	39	50	45(128)	42	42	49	49		39	46	45	50(232)				
23.0 29.3	48	48	41	41	53	39	48	38(59)	51	36	51	39					
	47	35	53	44(128)	39	39	50	50		35	47	44	53(232)				
26.2 27.6	50	50	39	39	56	37	49	35(59)	54	32	53	37					
	54	32	53	37(90)	37	37	51	51		32	54	37	53(270)				
29.5 25.8	51	51	36	36	54	48	39	34(13)	56	29	55	34					
	56	29	55	34(90)	35	35	53	53		29	56	34	55(270)				
32.8 24.3	52	52	34	34	58	45	40	30(22)	59	26	57	32					
	58	25	58	32(94)	32	32	54	54		25	58	33	58(265)				
39.4 21.8	55	55	31	31	64	41	41	24(32)	63	20	60	27					
	60	17	63	30(103)	28	28	57	57		17	60	31	63(256)				
45.9 19.8	57	57	27	27	70	39	42	18(35)	68	14	64	23					
	62	10	68	29(108)	25	25	59	59		10	61	29	68(251)				
52.5 17.4	59	59	24	24	74	36	43	14(38)	71	9	66	19					
	65	6	71	25(106)	22	22	61	61		5	65	26	71(253)				

HA= 40.7 HI= 29.5 GGW= 19.6 SL= 0.0 MAX(A,B,C,D)= 6.9 6.0 6.6 6.6

Main boom and fixed jib (jib angle 20.0 degrees)

Length of main boom = 54.5 ft Length of jib = 29.5 ft

Main boom sequence = 0-0-0-0-0-45 % LK = 7

Counterweight = 19.6 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]								(Pos.[Degrees])				0-360 Degr.				
	1(0)				2(...)				3(90)								
	4(...)				5(180)				6(...)								
	A	B	C	D	A	B	C	D	A	B	C	D	A	B	C	D	
19.7 33.1	48	48	43	43	50	42	48	41(59)	50	40	50	43					
	47	39	51	45(128)	42	42	49	49		39	47	45	51(232)				
23.0 31.1	49	49	41	41	54	40	49	38(59)	52	36	52	39					
	48	35	54	44(128)	39	39	51	51		35	48	44	54(232)				
26.2 29.1	50	50	39	39	57	37	49	35(59)	55	32	54	37					
	55	32	54	37(90)	37	37	52	52		32	55	37	54(270)				
29.5 27.8	52	52	36	36	56	48	40	34(16)	58	29	56	34					
	58	29	56	34(90)	35	35	54	54		29	58	34	56(270)				
32.8 26.2	53	53	34	34	59	45	41	30(24)	60	26	58	32					
	59	25	59	33(96)	33	33	55	55		24	59	33	59(263)				
39.4 23.8	56	56	31	31	66	41	42	23(33)	65	19	62	27					
	61	17	64	31(104)	29	29	58	58		17	61	31	64(255)				
45.9 21.8	58	58	27	27	71	39	42	18(35)	69	14	65	22					
	63	10	69	29(108)	25	25	60	60		10	62	29	69(251)				
52.5 19.0	59	59	25	25	74	37	43	14(37)	72	10	67	20					
	66	6	71	25(105)	22	22	62	62		6	65	26	71(254)				
59.1 15.0	58	58	24	24	73	36	42	13(37)	70	9	66	19					
	65	5	70	24(105)	21	21	61	61		5	64	25	70(254)				
65.6 11.9	57	57	23	23	72	34	42	12(38)	70	8	65	18					
	63	4	69	24(106)	20	20	60	60		4	63	24	70(253)				

 HA= 54.5 HI= 29.5 GGW= 19.6 SL= 0.0 MAX(A,B,C,D)= 6.9 6.1 6.6 6.6

Main boom and fixed jib (jib angle 20.0 degrees)
 Length of main boom = 68.6 ft Length of jib = 29.5 ft
 Main boom sequence = 0-0-0-0-0-90 % LK = 13
 Counterweight = 19.6 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]								(Pos.[Degrees])				0-360 Degr.
		1(0)		2(...)		3(90)		4(...)		5(180)		6(...)		
		A	B	C	D	A	B	C	D	A	B	C	D	
23.0	31.7	49	49	41	41	54	40	49	38(59)	53	36	52	40	
		48	35	54	44(128)	39	39	51	51	35	48	44	54(232)	
26.2	30.2	51	51	39	39	51	51	39	39(0)	56	32	54	37	
		56	32	54	37(90)	37	37	52	52	32	56	37	54(270)	
29.5	28.7	52	52	37	37	56	48	40	34(16)	58	29	56	34	
		58	29	56	34(90)	35	35	54	54	29	58	34	56(270)	
32.8	27.6	54	54	34	34	60	45	41	30(25)	61	25	59	32	
		60	24	60	33(97)	33	33	56	56	24	59	33	60(262)	
39.4	25.4	57	57	30	30	67	41	43	23(34)	66	19	62	27	
		62	16	65	31(105)	29	29	58	58	16	61	31	66(254)	
45.9	23.1	59	59	27	27	72	39	43	18(36)	70	14	66	22	
		63	10	70	29(109)	25	25	61	61	9	63	30	70(250)	
52.5	19.6	59	59	25	25	74	37	43	15(37)	71	11	66	20	
		65	7	70	26(105)	23	23	61	61	7	65	26	70(254)	
59.1	15.9	58	58	24	24	73	36	42	14(37)	70	9	66	19	
		65	6	70	25(105)	22	22	61	61	6	64	25	70(254)	
65.6	12.8	57	57	24	24	72	35	41	13(37)	69	9	65	19	
		64	5	69	24(105)	21	21	60	60	5	63	24	69(254)	
72.2	10.6	57	57	23	23	72	34	41	12(38)	70	7	65	17	
		63	3	69	24(106)	20	20	60	60	3	63	24	69(253)	
78.7	8.6	57	57	22	22	72	33	41	11(38)	70	6	65	17	
		63	2	69	23(106)	19	19	60	60	2	63	23	70(253)	
85.3	6.8	57	57	21	21	72	33	41	10(38)	70	5	65	16	
		63	1	69	22(106)	18	18	60	60	1	63	22	70(253)	

 HA= 68.6 HI= 29.5 GGW= 19.6 SL= 0.0 MAX(A,B,C,D)= 6.8 6.0 6.5 6.5

Main boom and fixed jib (jib angle 20.0 degrees)
 Length of main boom = 70.2 ft Length of jib = 29.5 ft
 Main boom sequence = 0-0-0-0-0-100 % LK = 14
 Counterweight = 19.6 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]								(Pos.[Degrees])				0-360 Degr.
		1(0)		2(...)		3(90)		4(...)		5(180)		6(...)		
		A	B	C	D	A	B	C	D	A	B	C	D	
23.0	32.0	49	49	41	41	54	40	49	38(59)	53	36	52	40	
		48	35	54	44(128)	39	39	51	51	35	48	44	54(232)	
26.2	30.0	51	51	39	39	57	38	49	35(59)	55	33	54	37	
		55	33	54	37(90)	37	37	52	52	33	55	37	54(270)	
29.5	28.0	52	52	37	37	55	48	40	34(14)	57	29	56	34	
		57	29	56	34(90)	35	35	53	53	29	57	34	56(270)	

32.8	26.2	53	53	35	35	58	46	40	31(22)	59	26	57	32
		58	26	58	33(94)	33	33	54	54	26	58	33	58(265)
39.4	23.4	54	54	32	32	63	42	42	25(31)	63	21	60	28
		60	19	62	31(102)	30	30	57	57	19	60	31	63(257)
45.9	20.7	56	56	29	29	68	39	42	21(35)	66	16	62	24
		61	13	66	29(106)	26	26	58	58	13	61	30	66(253)
52.5	18.7	58	58	26	26	71	38	42	16(36)	69	12	65	21
		64	9	69	26(104)	24	24	60	60	9	64	26	69(255)
59.1	15.9	58	58	24	24	73	36	42	14(37)	70	10	65	19
		64	6	69	25(105)	22	22	60	60	6	64	25	70(254)
65.6	13.0	57	57	24	24	72	35	41	13(37)	70	8	65	19
		64	5	69	24(105)	21	21	60	60	4	63	24	69(254)
72.2	10.6	57	57	23	23	72	34	41	12(38)	69	7	65	18
		63	4	69	24(106)	20	20	60	60	3	63	24	69(253)
78.7	8.6	56	56	22	22	72	33	41	11(38)	69	6	65	17
		63	2	69	23(106)	19	19	60	60	2	62	23	69(253)
85.3	7.1	57	57	21	21	73	33	41	10(38)	70	5	65	16
		63	1	70	22(106)	18	18	60	60	1	63	22	70(253)

HA= 70.2 HI= 29.5 GGW= 19.6 SL= 0.0 MAX(A,B,C,D)= 6.7 5.9 6.5 6.5

Main boom and fixed jib (jib angle 20.0 degrees)

Length of main boom = 82.3 ft Length of jib = 29.5 ft

Main boom sequence = 0-0-0-0-45-90 % LK = 20

Counterweight = 19.6 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
	1(0)				2(...)								
	4(...)				5(180)				6(...)				
	A	B	C	D	A	B	C	D	A	B	C	D	
26.2	31.1	52	52	39	39	52	50	39	38(5)	56	32	55	36
		56	32	55	36(90)	37	37	53	53	32	56	36	55(270)
29.5	29.8	53	53	36	36	58	48	41	33(19)	59	28	57	34
		59	28	58	34(92)	35	35	55	55	28	59	34	58(267)
32.8	28.4	54	54	34	34	62	45	42	29(27)	62	25	59	31
		60	24	61	33(98)	32	32	56	56	23	60	33	61(261)
39.4	26.2	57	57	30	30	69	41	43	22(35)	67	19	63	26
		62	15	67	31(106)	28	28	59	59	15	62	31	67(253)
45.9	24.5	60	60	26	26	75	39	44	16(37)	72	12	67	21
		67	9	71	27(105)	24	24	62	62	9	66	27	71(254)
52.5	19.8	59	59	25	25	74	37	43	15(37)	71	11	67	20
		66	7	70	26(105)	23	23	62	62	7	65	26	71(254)
59.1	16.1	58	58	24	24	73	36	42	14(37)	71	9	66	19
		65	6	70	25(105)	22	22	61	61	6	64	25	70(254)
65.6	13.0	57	57	24	24	72	35	41	13(37)	69	9	65	19
		64	5	69	24(105)	21	21	60	60	5	63	24	69(254)
72.2	10.6	57	57	23	23	71	35	41	13(37)	69	8	65	18
		63	4	69	23(105)	20	20	60	60	4	63	24	69(254)
78.7	8.8	57	57	22	22	72	33	41	11(38)	69	6	65	17
		63	2	69	23(106)	19	19	60	60	2	63	23	69(253)
85.3	7.1	56	56	22	22	72	33	41	11(38)	69	6	65	16
		63	2	69	22(106)	19	19	60	60	2	62	23	69(253)
91.9	5.7	56	56	21	21	72	32	40	10(38)	70	4	65	15
		63	0	69	22(106)	18	18	60	60	0	62	22	70(253)

98.4 4.6 57 57 20 20 73 31 41 8(39) 70 3 66 14
 62 0 72 20(107) 17 17 60 60 0 61 20 72(252)

HA= 82.3 HI= 29.5 GGW= 19.6 SL= 0.0 MAX(A,B,C,D)= 6.9 6.2 6.7 6.7

Main boom and fixed jib (jib angle 20.0 degrees)

Length of main boom = 84.0 ft Length of jib = 29.5 ft
 Main boom sequence = 0-0-0-0-45-100 % LK = 21
 Counterweight = 19.6 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.			
	1(0)				2(...)							
	3(90)				4(...)							
	A	B	C	D	A	B	C	D	A	B	C	D
26.2 30.9	51	51	39	39	52	51	39	38(3)	56	32	55	37
	56	32	55	37(90)	37	37	53	53	32	56	37	55(270)
29.5 29.1	52	52	37	37	56	48	40	34(17)	58	29	57	34
	58	29	57	34(90)	35	35	54	54	29	58	34	57(269)
32.8 27.6	54	54	35	35	60	45	41	30(25)	61	26	58	32
	60	24	60	33(97)	33	33	56	56	24	59	33	60(262)
39.4 24.5	56	56	31	31	65	42	42	24(32)	65	20	61	27
	61	18	64	31(103)	29	29	58	58	18	61	31	64(256)
45.9 22.0	58	58	28	28	70	40	42	19(34)	68	15	64	24
	62	11	68	30(108)	26	26	60	60	11	62	30	68(251)
52.5 19.8	59	59	25	25	74	37	43	15(37)	71	11	66	20
	65	7	70	26(105)	23	23	61	61	7	65	26	71(254)
59.1 16.1	58	58	24	24	73	36	42	14(37)	70	10	66	19
	65	6	69	25(105)	22	22	61	61	6	64	25	70(254)
65.6 13.0	57	57	24	24	72	35	41	14(37)	69	9	65	19
	64	5	69	24(105)	21	21	60	60	5	63	25	69(254)
72.2 10.8	57	57	23	23	72	34	41	12(38)	69	7	65	18
	63	4	69	24(106)	20	20	60	60	4	63	24	69(253)
78.7 8.8	56	56	22	22	72	33	41	11(38)	69	7	65	17
	63	3	69	23(106)	19	19	60	60	2	62	24	69(253)
85.3 7.3	56	56	22	22	72	33	41	11(38)	69	5	65	16
	63	1	69	22(106)	18	18	60	60	1	63	23	69(253)
91.9 6.0	57	57	21	21	73	32	41	9(39)	70	4	65	15
	63	0	70	22(107)	17	17	60	60	0	62	22	70(252)
98.4 4.6	56	56	20	20	73	31	41	9(39)	70	3	65	15
	62	0	71	21(107)	17	17	60	60	0	61	21	71(252)

HA= 84.0 HI= 29.5 GGW= 19.6 SL= 0.0 MAX(A,B,C,D)= 6.8 6.0 6.6 6.6

Main boom and fixed jib (jib angle 20.0 degrees)

Length of main boom = 96.5 ft Length of jib = 29.5 ft
 Main boom sequence = 0-0-0-0-90-90 % LK = 28
 Counterweight = 19.6 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.			
	1(0)				2(...)							
	3(90)				4(...)							
	A	B	C	D	A	B	C	D	A	B	C	D
29.5 30.0	53	53	36	36	58	47	41	33(20)	60	28	58	34
	59	28	58	34(92)	35	35	55	55	28	59	34	58(267)

32.8	28.9	55	55	34	34	62	45	42	29(27)	63	25	60	31
		61	23	61	33(99)	32	32	57	57	23	60	33	62(260)
39.4	26.9	58	58	30	30	70	40	44	22(36)	68	18	64	26
		63	15	67	31(106)	28	28	60	60	15	63	31	67(253)
45.9	25.1	61	61	26	26	76	39	44	16(37)	73	12	68	21
		68	8	72	26(105)	24	24	63	63	8	67	27	72(254)
52.5	20.1	59	59	25	25	74	37	43	15(37)	72	11	67	20
		66	7	71	26(105)	23	23	62	62	7	65	26	71(254)
59.1	16.1	58	58	24	24	73	36	42	14(37)	70	10	66	19
		65	6	69	25(105)	22	22	61	61	6	64	25	70(254)
65.6	13.2	57	57	24	24	72	35	41	13(37)	70	9	65	19
		64	5	69	24(105)	21	21	60	60	5	64	24	69(254)
72.2	10.8	57	57	23	23	72	35	41	13(37)	69	8	65	18
		63	4	69	23(105)	20	20	60	60	4	63	24	69(254)
78.7	8.8	56	56	22	22	72	33	41	12(38)	69	7	65	17
		63	3	69	23(106)	19	19	60	60	3	62	24	69(253)
85.3	7.3	56	56	22	22	72	33	41	11(38)	69	6	65	16
		63	2	69	22(106)	19	19	60	60	2	62	23	69(253)
91.9	6.0	56	56	21	21	72	32	40	10(38)	70	5	65	15
		63	0	69	22(106)	18	18	60	60	0	63	22	70(253)
98.4	4.9	57	57	20	20	73	31	41	9(39)	70	3	65	15
		62	0	71	21(107)	17	17	60	60	0	61	21	71(252)
105.0	3.5	56	56	20	20	73	31	40	9(39)	69	3	65	15
		61	0	71	20(107)	17	17	60	60	0	61	21	71(252)
111.5	2.4	56	56	20	20	72	30	40	8(39)	69	3	65	14
		60	0	71	19(107)	16	16	59	59	0	60	20	72(252)

HA= 96.5 HI= 29.5 GGW= 19.6 SL= 0.0 MAX(A,B,C,D)= 7.0 6.2 6.7 6.7

Main boom and fixed jib (jib angle 20.0 degrees)

Length of main boom = 100.4 ft Length of jib = 29.5 ft

Main boom sequence = 0-0-0-0-100-100 % LK = 29

Counterweight = 19.6 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
	1(0)		2(...)		3(90)		6(...)						
	4(...)		5(180)		6(...)								
	A	B	C	D	A	B	C	D	A	B	C	D	
29.5	29.3	53	53	36	36	57	48	40	33(18)	59	29	57	34
		59	29	57	34(90)	35	35	54	54	29	59	34	57(269)
32.8	27.8	54	54	34	34	60	45	41	30(25)	61	26	59	32
		60	24	60	33(97)	33	33	56	56	24	60	33	60(262)
39.4	25.1	56	56	31	31	67	41	43	24(33)	65	20	62	27
		62	17	65	31(104)	29	29	58	58	17	61	31	65(255)
45.9	22.9	58	58	28	28	71	39	43	19(35)	70	14	65	23
		63	11	69	29(108)	26	26	60	60	10	63	30	69(251)
52.5	20.1	59	59	25	25	74	37	43	15(37)	72	11	67	20
		66	7	71	26(105)	23	23	62	62	7	65	26	71(254)
59.1	16.1	58	58	25	25	73	36	42	14(37)	70	10	65	20
		64	6	69	25(105)	22	22	60	60	6	64	25	70(254)
65.6	13.2	57	57	24	24	72	35	41	13(37)	70	9	65	19
		64	5	69	24(105)	21	21	60	60	5	63	24	69(254)
72.2	10.8	57	57	23	23	71	35	41	13(37)	69	8	65	18
		63	4	69	24(105)	20	20	60	60	4	63	24	69(254)

78.7	9.0	57	57	22	22	72	33	41	11(38)	69	7	65	17
		63	3	69	23(106)	19	19	60	60	2	63	24	69(253)
85.3	7.3	56	56	22	22	72	33	41	11(38)	69	6	65	17
		63	2	69	23(106)	19	19	59	59	2	62	23	69(253)
91.9	6.0	56	56	21	21	72	32	40	10(38)	69	5	65	16
		63	1	69	22(106)	18	18	60	60	1	62	22	69(253)
98.4	4.9	56	56	21	21	73	31	41	9(39)	70	4	65	15
		62	0	71	21(107)	17	17	60	60	0	61	21	71(252)
105.0	3.7	56	56	20	20	73	31	40	8(39)	70	3	65	14
		61	0	71	20(107)	17	17	60	60	0	61	20	72(252)
111.5	2.6	56	56	20	20	73	30	40	8(39)	70	3	65	14
		61	0	72	19(107)	16	16	60	60	0	60	20	72(252)

HA=100.4 HI= 29.5 GGW= 19.6 SL= 0.0 MAX(A,B,C,D)= 6.9 6.1 6.7 6.7

Main boom and fixed jib (jib angle 20.0 degrees)

Length of main boom = 110.2 ft Length of jib = 29.5 ft

Main boom sequence = 0-0-0-45-90-90 % LK = 36

Counterweight = 19.6 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.			
		1(0)		2(...)		3(90)		6(...)					
A	B	C	D	A	B	C	D	A	B	C	D		
32.8	29.3	56	56	34	34	64	45	42	28(29)	63	24	60	30
		61	22	62	33(100)	32	32	57	57	22	61	33	62(259)
39.4	27.6	59	59	29	29	72	40	45	20(37)	70	17	65	25
		64	13	69	30(107)	28	28	61	61	13	63	31	69(252)
45.9	24.9	61	61	26	26	76	38	45	15(38)	74	11	68	21
		67	7	72	27(106)	24	24	63	63	7	67	27	73(253)
52.5	19.6	59	59	25	25	74	37	43	15(37)	71	11	67	20
		66	7	71	26(105)	23	23	62	62	7	65	26	71(254)
59.1	15.9	58	58	24	24	73	36	42	14(37)	71	9	66	19
		65	6	70	25(105)	22	22	61	61	6	64	25	70(254)
65.6	12.8	57	57	24	24	72	35	41	13(37)	70	9	65	19
		64	5	69	24(105)	21	21	60	60	5	63	24	69(254)
72.2	10.4	57	57	23	23	71	34	41	13(37)	69	8	65	18
		63	4	69	23(105)	20	20	60	60	4	63	24	69(254)
78.7	8.6	57	57	22	22	72	33	41	11(38)	69	6	65	17
		63	2	69	23(106)	19	19	60	60	2	62	23	69(253)
85.3	7.1	56	56	21	21	72	33	41	10(38)	69	5	65	16
		63	1	69	22(106)	18	18	60	60	1	63	23	70(253)
91.9	5.7	57	57	21	21	73	32	41	9(39)	70	4	65	15
		63	0	70	22(107)	17	17	60	60	0	62	22	70(252)
98.4	4.4	56	56	20	20	73	31	41	9(39)	70	4	65	15
		62	0	71	21(107)	17	17	60	60	0	61	21	71(252)
105.0	3.3	56	56	20	20	73	31	40	8(39)	70	3	65	14
		61	0	71	20(107)	17	17	60	60	0	60	20	72(252)

HA=110.2 HI= 29.5 GGW= 19.6 SL= 0.0 MAX(A,B,C,D)= 7.1 6.2 6.7 6.7

Main boom and fixed jib (jib angle 20.0 degrees)

Length of main boom = 114.5 ft Length of jib = 29.5 ft

Main boom sequence = 0-0-0-45-100-100 % LK = 37

Counterweight = 19.6 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
	1(0)		2(...)		3(90)		6(...)						
A	B	C	D	A	B	C	D	A	B	C	D		
32.8	28.0	54	54	34	34	61	45	41	29(26)	62	25	59	31
		60	24	60	33(98)	32	32	56	56	24	60	33	61(261)
39.4	25.6	57	57	30	30	68	41	43	22(34)	67	19	63	26
		62	16	66	31(105)	28	28	59	59	16	62	31	66(254)
45.9	23.6	60	60	27	27	73	39	43	17(36)	71	13	66	22
		66	10	70	27(104)	25	25	62	62	9	66	27	70(255)
52.5	19.6	59	59	25	25	74	37	43	15(37)	71	11	66	20
		66	7	70	26(105)	23	23	61	61	7	65	26	71(254)
59.1	15.9	58	58	24	24	73	36	42	14(37)	70	9	66	19
		65	6	70	25(105)	22	22	61	61	6	64	25	70(254)
65.6	12.8	57	57	24	24	72	35	41	13(37)	69	9	65	19
		64	5	69	24(105)	21	21	60	60	5	63	24	69(254)
72.2	10.6	57	57	23	23	72	34	41	12(38)	69	7	65	18
		63	4	69	24(106)	20	20	60	60	3	63	24	69(253)
78.7	8.6	56	56	22	22	72	33	41	11(38)	69	7	65	17
		63	3	69	23(106)	19	19	60	60	2	62	24	69(253)
85.3	7.1	56	56	22	22	72	33	41	11(38)	69	6	65	16
		63	2	69	22(106)	19	19	60	60	1	62	23	69(253)
91.9	5.7	56	56	21	21	72	32	40	10(38)	70	4	65	15
		63	0	69	22(106)	18	18	60	60	0	63	22	70(253)
98.4	4.4	56	56	21	21	72	31	41	9(39)	69	4	65	15
		62	0	70	22(107)	17	17	60	60	0	61	22	70(252)
105.0	3.3	56	56	20	20	72	31	40	9(39)	69	3	65	15
		61	0	71	20(107)	17	17	59	59	0	60	21	71(252)
111.5	2.2	56	56	20	20	72	30	40	8(39)	69	3	65	14
		61	0	71	20(107)	16	16	59	59	0	60	20	71(252)

HA=114.5 HI= 29.5 GGW= 19.6 SL= 0.0 MAX(A,B,C,D)= 6.8 6.1 6.6 6.6

Main boom and fixed jib (jib angle 20.0 degrees)

Length of main boom = 124.3 ft Length of jib = 29.5 ft

Main boom sequence = 0-0-0-90-90-90 % LK = 45

Counterweight = 19.6 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
	1(0)		2(...)		3(90)		6(...)						
A	B	C	D	A	B	C	D	A	B	C	D		
39.4	27.6	59	59	29	29	72	40	45	20(37)	70	17	65	25
		64	13	69	31(108)	27	27	61	61	13	63	31	69(251)
45.9	24.0	60	60	26	26	75	38	44	16(37)	73	12	67	21
		67	8	71	27(105)	24	24	62	62	8	66	27	71(254)
52.5	19.4	59	59	25	25	74	37	43	15(37)	72	10	67	20
		66	7	71	25(105)	23	23	62	62	6	65	26	71(254)
59.1	15.4	58	58	24	24	73	36	42	14(37)	70	9	65	19
		65	6	69	25(105)	22	22	60	60	6	64	25	70(254)
65.6	12.6	57	57	24	24	72	35	41	13(37)	70	8	65	18
		64	5	69	24(105)	21	21	60	60	4	63	24	69(254)

72.2	10.1	57	57	23	23	72	34	41	12(38)	69	7	65	18
		63	4	69	24(106)	20	20	60	60	3	63	24	69(253)
78.7	8.4	57	57	22	22	72	33	41	11(38)	69	6	65	17
		63	2	69	23(106)	19	19	60	60	2	63	23	69(253)
85.3	6.8	57	57	21	21	73	33	41	10(38)	70	5	65	16
		63	1	70	22(106)	18	18	60	60	1	63	22	70(253)
91.9	5.5	57	57	21	21	73	32	41	9(39)	70	4	65	15
		62	0	71	21(107)	17	17	60	60	0	62	22	71(252)
98.4	4.2	56	56	20	20	73	31	41	9(39)	70	3	65	15
		62	0	71	21(107)	17	17	60	60	0	61	21	71(252)
105.0	2.9	56	56	20	20	72	31	40	9(39)	69	3	65	15
		61	0	70	21(107)	17	17	59	59	0	60	21	71(252)

HA=124.3 HI= 29.5 GGW= 19.6 SL= 0.0 MAX(A,B,C,D)= 7.0 6.2 6.6 6.6

Main boom and fixed jib (jib angle 20.0 degrees)
 Length of main boom = 130.9 ft Length of jib = 29.5 ft
 Main boom sequence = 0-0-0-100-100-100 % LK = 46
 Counterweight = 19.6 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.			
		1(0)		2(...)		3(90)		6(...)					
		A	B	C	D	A	B	C	D	A	B	C	D
39.4	25.6	57	57	30	30	69	41	43	22(35)	67	18	63	26
		62	15	66	31(106)	28	28	59	59	15	62	31	67(253)
45.9	23.6	60	60	26	26	74	38	44	17(37)	72	13	67	22
		66	9	71	27(105)	24	24	62	62	9	66	27	71(254)
52.5	19.2	59	59	25	25	73	37	43	15(37)	71	11	66	20
		65	7	70	26(105)	23	23	61	61	7	65	26	70(254)
59.1	15.4	58	58	24	24	73	36	42	14(37)	70	9	65	19
		64	6	69	25(105)	22	22	60	60	6	64	25	70(254)
65.6	12.6	57	57	24	24	72	35	41	13(37)	70	8	65	18
		64	5	69	24(105)	21	21	60	60	4	63	24	69(254)
72.2	10.1	57	57	23	23	72	34	41	12(38)	69	7	65	18
		63	4	69	24(106)	20	20	60	60	4	62	24	69(253)
78.7	8.4	57	57	22	22	72	33	41	11(38)	69	6	65	17
		63	2	69	23(106)	19	19	60	60	2	63	23	69(253)
85.3	6.8	57	57	21	21	73	33	41	10(38)	70	5	65	16
		63	1	69	22(106)	18	18	60	60	1	63	23	70(253)
91.9	5.5	57	57	21	21	73	32	41	9(39)	70	4	65	15
		62	0	70	22(107)	17	17	60	60	0	62	22	71(252)
98.4	4.2	56	56	20	20	73	31	41	9(39)	70	4	65	15
		62	0	71	21(107)	17	17	60	60	0	61	21	71(252)
105.0	2.9	56	56	20	20	72	31	40	9(39)	69	4	65	15
		61	0	70	21(107)	17	17	59	59	0	60	21	71(252)

HA=130.9 HI= 29.5 GGW= 19.6 SL= 0.0 MAX(A,B,C,D)= 6.9 6.1 6.6 6.6

Main boom and fixed jib (jib angle 20.0 degrees)
 Length of main boom = 138.1 ft Length of jib = 29.5 ft
 Main boom sequence = 0-0-45-90-90-90 % LK = 54
 Counterweight = 19.6 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
	1(0)				2(...)				3(90)				
	4(...)				5(180)				6(...)				
	A	B	C	D	A	B	C	D	A	B	C	D	
45.9	22.0	59	59	27	27	72	39	43	17(36)	70	13	65	22
		65	10	69	27(104)	25	25	61	61	10	65	27	69(255)
52.5	17.9	58	58	26	26	72	37	43	15(37)	70	11	65	21
		64	8	69	26(105)	23	23	60	60	7	64	26	69(254)
59.1	14.6	58	58	24	24	72	36	42	14(37)	70	9	65	19
		64	6	69	25(105)	22	22	60	60	6	63	25	69(254)
65.6	11.7	57	57	24	24	71	35	41	13(37)	69	8	65	19
		63	5	69	24(105)	21	21	60	60	5	63	24	69(254)
72.2	9.5	57	57	23	23	72	34	41	12(38)	69	7	65	17
		63	3	69	23(106)	20	20	60	60	3	62	24	69(253)
78.7	7.5	56	56	22	22	72	33	41	11(38)	69	6	65	17
		63	2	69	23(106)	19	19	59	59	2	62	23	69(253)
85.3	6.0	56	56	21	21	72	32	40	10(38)	69	5	65	16
		63	1	69	22(106)	18	18	59	59	1	62	23	69(253)
91.9	4.6	56	56	21	21	72	31	41	9(39)	69	4	65	15
		62	0	70	22(107)	17	17	60	60	0	62	22	70(252)
98.4	3.3	56	56	20	20	72	31	40	9(39)	69	4	65	15
		61	0	70	21(107)	17	17	59	59	0	61	21	70(252)

HA=138.1 HI= 29.5 GGW= 19.6 SL= 0.0 MAX(A,B,C,D)= 6.7 6.0 6.5 6.5

Main boom and fixed jib (jib angle 20.0 degrees)

Length of main boom = 145.0 ft Length of jib = 29.5 ft

Main boom sequence = 0-0-45-100-100-100 % LK = 55

Counterweight = 19.6 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
	1(0)				2(...)				3(90)				
	4(...)				5(180)				6(...)				
	A	B	C	D	A	B	C	D	A	B	C	D	
45.9	21.6	58	58	27	27	71	39	42	18(35)	69	14	65	22
		63	10	69	29(109)	25	25	60	60	10	62	30	69(250)
52.5	17.6	58	58	26	26	71	37	42	16(36)	69	11	65	21
		64	8	68	26(104)	23	23	60	60	8	64	26	69(255)
59.1	14.3	57	57	24	24	71	36	42	15(37)	69	10	65	20
		63	6	69	25(105)	22	22	60	60	6	63	25	69(254)
65.6	11.5	56	56	24	24	71	35	41	14(37)	69	9	64	19
		63	5	68	24(105)	21	21	59	59	5	63	24	68(254)
72.2	9.3	56	56	23	23	71	34	41	13(37)	69	8	64	18
		63	4	68	23(105)	20	20	59	59	4	62	24	68(254)
78.7	7.5	56	56	22	22	71	33	41	11(38)	69	6	64	17
		62	2	69	23(106)	19	19	59	59	2	62	23	69(253)
85.3	5.7	56	56	22	22	71	32	40	11(38)	68	6	64	17
		62	2	68	22(106)	19	19	59	59	2	62	23	69(253)
91.9	4.4	56	56	21	21	71	32	40	10(38)	69	5	64	16
		62	1	69	22(106)	18	18	59	59	1	62	22	69(253)
98.4	3.3	56	56	20	20	72	32	40	9(38)	69	4	65	15
		62	0	69	21(106)	17	17	59	59	0	61	21	70(253)

HA=145.0 HI= 29.5 GGW= 19.6 SL= 0.0 MAX(A,B,C,D)= 6.7 5.9 6.4 6.5

 Main boom and fixed jib (jib angle 20.0 degrees)
 Length of main boom = 152.2 ft Length of jib = 29.5 ft
 Main boom sequence = 0-0-90-90-90-90 % LK = 62
 Counterweight = 19.6 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]								(Pos.[Degrees])				0-360 Degr.	
		1(0)				2(...)				3(90)					
		4(...)				5(180)				6(...)					
A	B	C	D	A	B	C	D	A	B	C	D				
45.9	20.3	57	57	28	28	70	39	42	19	(35)	68	14	64	23	
		62	11	68	29(108)	25	25	60	60		11	62	29	68(251)	
52.5	16.3	57	57	26	26	70	38	41	17	(35)	68	12	64	21	
		63	9	67	26(103)	24	24	59	59		9	63	26	67(256)	
59.1	13.2	56	56	25	25	70	36	41	15	(36)	68	10	64	20	
		63	7	67	25(104)	22	22	59	59		7	63	25	68(255)	
65.6	10.6	56	56	24	24	70	35	41	14	(37)	68	9	64	19	
		62	6	68	24(105)	21	21	59	59		5	62	25	68(254)	
72.2	8.4	56	56	23	23	70	34	40	13	(37)	68	8	64	18	
		62	4	68	23(105)	20	20	59	59		4	62	24	68(254)	
78.7	6.4	55	55	22	22	70	34	40	12	(37)	67	7	63	17	
		62	4	67	23(105)	19	19	58	58		3	61	23	67(254)	
85.3	4.9	55	55	22	22	70	33	40	11	(37)	67	6	63	17	
		62	2	67	22(105)	19	19	58	58		2	61	23	68(254)	
91.9	3.5	55	55	21	21	70	32	40	11	(38)	68	5	64	16	
		61	1	68	22(106)	18	18	58	58		1	61	22	68(253)	
98.4	2.2	55	55	21	21	70	32	39	10	(38)	67	5	63	16	
		61	1	68	22(106)	17	17	58	58		1	61	22	68(253)	

 HA=152.2 HI= 29.5 GGW= 19.6 SL= 0.0 MAX(A,B,C,D)= 6.5 5.9 6.3 6.3

Main boom and fixed jib (jib angle 20.0 degrees)
 Length of main boom = 161.4 ft Length of jib = 29.5 ft
 Main boom sequence = 0-0-100-100-100-100 % LK = 63
 Counterweight = 19.6 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]								(Pos.[Degrees])				0-360 Degr.	
		1(0)				2(...)				3(90)					
		4(...)				5(180)				6(...)					
A	B	C	D	A	B	C	D	A	B	C	D				
52.5	15.9	56	56	26	26	69	38	41	17	(35)	67	13	63	22	
		63	10	66	26(103)	24	24	59	59		10	62	26	67(256)	
59.1	12.8	56	56	25	25	69	36	41	16	(36)	67	11	63	21	
		62	8	67	25(104)	22	22	59	59		8	62	26	67(255)	
65.6	10.1	55	55	24	24	69	35	40	15	(36)	67	10	63	19	
		62	6	67	24(104)	21	21	58	58		6	62	25	67(255)	
72.2	7.9	55	55	24	24	69	35	40	14	(36)	67	9	63	19	
		62	5	67	23(104)	21	21	58	58		5	61	24	67(255)	
78.7	6.2	55	55	23	23	69	34	40	13	(37)	67	7	63	18	
		61	4	67	23(105)	20	20	58	58		4	61	24	67(254)	
85.3	4.6	55	55	22	22	69	33	40	12	(37)	67	7	63	17	
		61	3	67	22(105)	19	19	58	58		3	61	23	67(254)	
91.9	3.3	55	55	21	21	69	32	39	11	(37)	67	6	63	16	
		61	2	67	22(105)	18	18	58	58		2	61	22	67(254)	

HA=161.4 HI= 29.5 GGW= 19.6 SL= 0.0 MAX(A,B,C,D)= 6.5 5.8 6.2 6.3

Main boom and fixed jib (jib angle 20.0 degrees)

Length of main boom = 166.0 ft Length of jib = 29.5 ft

Main boom sequence = 0-45-90-90-90-90 % LK = 68

Counterweight = 19.6 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]								(Pos.[Degrees])				0-360 Degr.
	1(0)		2(...)				3(90)						
	4(...)		5(180)				6(...)						
A	B	C	D	A	B	C	D	A	B	C	D		
52.5	14.6	55	55	26	26	67	38	41	18(34)	66	13	62	22
		62	10	65	26(102)	24	24	58	58	10	62	26	65(257)
59.1	11.5	55	55	25	25	68	36	40	16(35)	66	11	62	21
		62	8	65	25(103)	22	22	58	58	8	61	25	66(256)
65.6	8.8	54	54	24	24	67	35	40	15(35)	66	10	62	20
		61	7	65	24(103)	21	21	58	58	7	61	24	65(256)
72.2	6.8	54	54	24	24	68	34	40	14(36)	66	9	62	19
		61	6	66	24(104)	20	20	58	58	5	61	24	66(255)
78.7	5.1	54	54	23	23	68	34	39	13(36)	66	8	62	18
		61	4	66	23(104)	19	19	58	58	4	61	23	66(255)
85.3	3.5	54	54	22	22	69	33	39	12(37)	66	7	63	17
		61	3	66	22(105)	19	19	58	58	3	60	23	67(254)

HA=166.0 HI= 29.5 GGW= 19.6 SL= 0.0 MAX(A,B,C,D)= 6.4 5.8 6.2 6.2

Main boom and fixed jib (jib angle 20.0 degrees)

Length of main boom = 175.5 ft Length of jib = 29.5 ft

Main boom sequence = 0-45-100-100-100-100 % LK = 69

Counterweight = 19.6 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]								(Pos.[Degrees])				0-360 Degr.
	1(0)		2(...)				3(90)						
	4(...)		5(180)				6(...)						
A	B	C	D	A	B	C	D	A	B	C	D		
52.5	14.1	55	55	27	27	67	38	40	19(34)	65	14	62	22
		60	10	65	28(107)	24	24	58	58	10	59	28	66(252)
59.1	11.0	54	54	26	26	67	37	40	17(34)	65	12	62	21
		61	9	65	25(102)	23	23	57	57	9	61	25	65(257)
65.6	8.6	54	54	25	25	67	35	40	16(35)	65	11	62	20
		61	7	65	24(103)	22	22	57	57	7	61	25	65(256)
72.2	6.6	54	54	24	24	67	34	40	14(36)	65	9	62	19
		61	6	65	24(104)	21	21	57	57	6	60	24	66(255)
78.7	4.9	54	54	23	23	68	34	39	13(36)	66	8	62	18
		61	5	65	23(104)	20	20	57	57	5	60	23	66(255)
85.3	3.3	54	54	22	22	68	33	39	13(36)	65	7	62	18
		61	4	65	22(104)	19	19	57	57	4	60	23	66(255)

HA=175.5 HI= 29.5 GGW= 19.6 SL= 0.0 MAX(A,B,C,D)= 6.3 5.7 6.1 6.1

HA=175.5 HI= 29.5 GGW= 19.6 SL= 0.0 MAX(A,B,C,D)= 0.0 0.0 0.0 0.0

HA=175.5 HI= 29.5 GGW= 19.6 SL= 0.0 MAX(A,B,C,D)= 0.0 0.0 0.0 0.0

HA=175.5 HI= 29.5 GGW= 19.6 SL= 0.0 MAX(A,B,C,D)= 0.0 0.0 0.0 0.0

HA=175.5 HI= 29.5 GGW= 19.6 SL= 0.0 MAX(A,B,C,D)= 0.0 0.0 0.0 0.0

HA=175.5 HI= 29.5 GGW= 19.6 SL= 0.0 MAX(A,B,C,D)= 0.0 0.0 0.0 0.0

HA=175.5 HI= 29.5 GGW= 19.6 SL= 0.0 MAX(A,B,C,D)= 0.0 0.0 0.0 0.0

Programm L A M O S 9 9 Version 1.08 vom 29.09.02

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Eingabedatei: ilam.dat

Festdatei : /berechnung/tabellen/zentraledaten/lamosfd-ac/200-1.99dat

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H

DEMAG Mobile Cranes

O U T R I G G E R - L O A D I N G S

(Variance = +-10%)

PSI= 1.00

Crane : *** AC 200-1 *** mit HKHI fuer GA und MS

Outrigger width = 18.7 ft Outrigger length = 27.7 ft
Outrigger "A" X = 12.0 ft Outrigger "A" Y = 9.4 ft
Outrigger "B" X = 12.0 ft Outrigger "B" Y = -9.4 ft
Outrigger "C" X = -15.7 ft Outrigger "C" Y = 9.4 ft
Outrigger "D" X = -15.7 ft Outrigger "D" Y = -9.4 ft

Main boom and fixed jib (jib angle 40.0 degrees)

Length of main boom = 40.7 ft Length of jib = 29.5 ft

Main boom sequence = 0-0-0-0-0-0 % LK = 1

Counterweight = 19.6 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.						
	1(0)				2(...)				3(90)						
	4(...)				5(180)				6(...)						
	A	B	C	D	A	B	C	D	A	B	C	D			
23.0	22.7	41	41	44	44	41	42	44	44	(59)	41	42	43	44	
		42	42	43	44	(127)	42	42	44	44	42	42	44	43	(232)
26.2	21.6	43	43	42	42	45	40	45	41	(59)	44	39	46	42	
		43	38	46	43	(128)	40	40	45	45	38	43	43	46	(232)
29.5	20.7	45	45	40	40	48	38	45	38	(59)	47	35	48	39	
		44	34	49	42	(128)	38	38	47	47	34	44	42	49	(232)
32.8	20.1	47	47	38	38	52	36	47	35	(59)	50	32	50	36	
		50	32	50	36	(90)	36	36	49	49	32	50	36	50	(270)
39.4	18.7	50	50	34	34	54	44	38	31	(19)	56	25	55	31	
		56	25	55	32	(92)	32	32	52	52	25	56	32	55	(267)
45.9	17.6	53	53	30	30	63	40	41	23	(32)	62	19	59	26	
		59	16	62	30	(103)	27	27	56	56	16	58	30	62	(256)

HA= 40.7 HI= 29.5 GGW= 19.6 SL= 0.0 MAX(A,B,C,D)= 5.8 5.4 5.8 5.8

Main boom and fixed jib (jib angle 40.0 degrees)

Length of main boom = 54.5 ft Length of jib = 29.5 ft
 Main boom sequence = 0-0-0-0-0-45 % LK = 7
 Counterweight = 19.6 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]								(Pos.[Degrees])				0-360 Degr.				
		1(0)				2(...)				3(90)								
		4(...)				5(180)				6(...)								
A	B	C	D	A	B	C	D	A	B	C	D							
26.2	22.3	43	43	42	42	45	40	45	41	(59)	44	39	46	42				
		43	39	46	43(128)	40	40	45	45		39	43	43	46(232)				
29.5	21.4	45	45	40	40	48	38	46	38	(59)	47	36	48	39				
		44	35	49	42(128)	38	38	47	47		35	44	42	49(232)				
32.8	20.7	47	47	38	38	51	36	47	35	(59)	50	33	50	37				
		45	31	52	41(128)	36	36	49	49		31	45	41	52(232)				
39.4	19.4	50	50	35	35	53	45	38	32	(16)	56	26	54	32				
		56	26	54	32(90)	32	32	52	52		26	56	32	54(270)				
45.9	18.5	53	53	31	31	62	41	40	24	(30)	61	20	59	27				
		58	18	61	30(102)	28	28	55	55		18	58	30	61(257)				
52.5	17.6	56	56	27	27	69	38	41	18	(35)	67	14	63	22				
		61	10	67	28(108)	24	24	59	59		10	60	29	67(251)				
59.1	15.7	58	58	24	24	73	36	42	14	(37)	70	9	65	19				
		64	6	69	25(105)	22	22	60	60		6	64	25	70(254)				

HA= 54.5 HI= 29.5 GGW= 19.6 SL= 0.0 MAX(A,B,C,D)= 6.7 5.9 6.5 6.5

Main boom and fixed jib (jib angle 40.0 degrees)

Length of main boom = 68.6 ft Length of jib = 29.5 ft
 Main boom sequence = 0-0-0-0-0-90 % LK = 13
 Counterweight = 19.6 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]								(Pos.[Degrees])				0-360 Degr.				
		1(0)				2(...)				3(90)								
		4(...)				5(180)				6(...)								
A	B	C	D	A	B	C	D	A	B	C	D							
29.5	21.8	45	45	41	41	48	39	46	39	(59)	47	36	48	39				
		44	35	49	43(128)	38	38	47	47		35	44	43	49(232)				
32.8	21.2	47	47	39	39	51	37	47	35	(59)	50	33	50	37				
		45	32	52	42(128)	36	36	49	49		32	45	42	52(232)				
39.4	20.1	50	50	35	35	53	45	38	32	(16)	56	27	54	32				
		56	27	54	32(90)	32	32	52	52		27	56	32	54(270)				
45.9	19.2	53	53	31	31	62	41	40	25	(30)	61	21	59	28				
		58	19	61	30(101)	29	29	55	55		19	58	30	61(258)				
52.5	18.3	56	56	28	28	68	39	41	19	(34)	67	15	63	23				
		61	11	66	29(107)	25	25	58	58		11	60	29	67(252)				
59.1	16.8	58	58	25	25	73	36	42	15	(37)	70	10	65	20				
		65	6	69	25(105)	22	22	61	61		6	64	26	70(254)				
65.6	13.4	57	57	24	24	72	35	41	14	(37)	69	9	65	19				
		64	5	69	24(105)	21	21	60	60		5	63	25	69(254)				
72.2	10.8	57	57	23	23	71	35	41	13	(37)	69	8	65	18				
		63	4	69	24(105)	20	20	60	60		4	63	24	69(254)				

HA= 68.6 HI= 29.5 GGW= 19.6 SL= 0.0 MAX(A,B,C,D)= 6.7 6.0 6.5 6.5

Main boom and fixed jib (jib angle 40.0 degrees)

Length of main boom = 70.2 ft Length of jib = 29.5 ft
 Main boom sequence = 0-0-0-0-100 % LK = 14
 Counterweight = 19.6 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]								(Pos.[Degrees])				0-360 Degr.				
		1(0)				2(...)				3(90)								
		4(...)				5(180)				6(...)								
A	B	C	D	A	B	C	D	A	B	C	D							
29.5	21.8	45	45	41	41	48	39	46	39	(59)	47	36	48	40				
		44	35	49	43(128)	38	38	47	47		35	44	43	49(232)				
32.8	21.2	47	47	39	39	51	37	47	35	(59)	50	33	50	37				
		45	32	52	42(128)	36	36	49	49		32	45	42	52(232)				
39.4	20.1	50	50	35	35	53	46	38	32	(15)	56	27	54	32				
		56	27	54	32(90)	33	33	52	52		27	56	32	54(270)				
45.9	19.2	53	53	31	31	61	41	40	25	(29)	61	21	59	28				
		58	19	61	30(101)	29	29	55	55		19	58	31	61(258)				
52.5	17.9	55	55	28	28	67	39	41	20	(33)	65	15	62	24				
		60	12	65	29(106)	26	26	58	58		12	60	29	65(253)				
59.1	16.3	57	57	25	25	71	37	42	15	(36)	69	11	65	21				
		64	8	68	25(104)	23	23	60	60		7	64	26	68(255)				
65.6	13.4	57	57	24	24	71	35	41	14	(37)	69	9	65	19				
		63	6	69	24(105)	21	21	60	60		6	63	25	69(254)				
72.2	11.0	57	57	23	23	72	35	41	13	(37)	69	8	65	18				
		63	4	69	24(105)	20	20	60	60		4	63	24	69(254)				

HA= 70.2 HI= 29.5 GGW= 19.6 SL= 0.0 MAX(A,B,C,D)= 6.7 5.9 6.4 6.4

Main boom and fixed jib (jib angle 40.0 degrees)

Length of main boom = 82.3 ft Length of jib = 29.5 ft
 Main boom sequence = 0-0-0-0-45-90 % LK = 20
 Counterweight = 19.6 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]								(Pos.[Degrees])				0-360 Degr.				
		1(0)				2(...)				3(90)								
		4(...)				5(180)				6(...)								
A	B	C	D	A	B	C	D	A	B	C	D							
32.8	21.6	47	47	38	38	52	37	47	35	(59)	50	33	50	37				
		45	31	52	42(128)	36	36	49	49		31	45	42	52(232)				
39.4	20.5	50	50	35	35	54	45	38	32	(17)	56	26	55	32				
		56	26	55	32(90)	32	32	52	52		26	56	32	55(269)				
45.9	19.6	53	53	31	31	62	41	41	25	(30)	62	20	59	28				
		59	18	61	30(101)	29	29	56	56		18	59	30	61(258)				
52.5	18.7	56	56	28	28	68	39	41	19	(34)	67	15	63	23				
		61	11	67	28(107)	25	25	59	59		11	61	29	67(252)				
59.1	17.0	58	58	25	25	72	36	42	15	(37)	70	10	65	20				
		64	7	69	25(105)	22	22	60	60		7	64	26	69(254)				
65.6	13.7	57	57	24	24	71	35	41	14	(37)	69	9	65	19				
		63	6	69	25(105)	22	22	60	60		6	63	25	69(254)				
72.2	11.2	57	57	23	23	71	35	41	13	(37)	69	8	65	18				
		63	4	69	24(105)	21	21	60	60		4	63	24	69(254)				
78.7	9.0	56	56	23	23	71	34	41	12	(37)	69	7	64	18				
		63	4	68	23(105)	20	20	59	59		3	62	24	69(254)				
85.3	7.5	56	56	22	22	72	33	41	11	(38)	69	6	65	16				
		63	2	69	22(106)	19	19	60	60		1	63	23	69(253)				

 HA= 82.3 HI= 29.5 GGW= 19.6 SL= 0.0 MAX(A,B,C,D)= 6.7 5.9 6.4 6.5

Main boom and fixed jib (jib angle 40.0 degrees)
 Length of main boom = 84.0 ft Length of jib = 29.5 ft
 Main boom sequence = 0-0-0-0-45-100 % LK = 21
 Counterweight = 19.6 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]								(Pos.[Degrees])				0-360 Degr.							
		1(0)		2(...)				3(90)		4(...)		5(180)			6(...)						
		A	B	C	D	A	B	C	D	A	B	C	D		A	B	C	D			
32.8	21.6	47	47	39	39	52	37	47	35	(59)	50	33	50	37							
		45	31	52	42	(128)	36	36	49	49	31	45	42	52	(232)						
39.4	20.5	50	50	35	35	54	46	38	32	(16)	56	26	55	32							
		56	26	55	32	(90)	32	32	52	52	26	56	32	55	(270)						
45.9	19.6	53	53	31	31	62	41	41	25	(30)	62	21	59	28							
		59	19	61	30	(101)	29	29	56	56	18	58	30	61	(258)						
52.5	18.5	56	56	28	28	68	39	41	19	(34)	66	15	63	23							
		61	12	66	29	(107)	25	25	58	58	11	60	29	66	(252)						
59.1	17.0	58	58	25	25	72	36	42	15	(37)	70	11	65	20							
		64	7	69	25	(105)	22	22	60	60	7	64	26	69	(254)						
65.6	13.9	57	57	24	24	72	35	41	14	(37)	69	9	65	19							
		64	6	69	24	(105)	21	21	60	60	6	63	25	69	(254)						
72.2	11.2	56	56	23	23	71	35	41	13	(37)	69	8	64	19							
		63	5	68	24	(105)	21	21	60	60	5	63	24	69	(254)						
78.7	9.3	56	56	22	22	72	34	41	12	(38)	69	7	65	17							
		63	3	69	23	(106)	20	20	60	60	3	62	24	69	(253)						
85.3	7.5	56	56	22	22	72	33	41	11	(38)	69	6	65	17							
		63	2	69	23	(106)	19	19	60	60	2	62	23	69	(253)						

 HA= 84.0 HI= 29.5 GGW= 19.6 SL= 0.0 MAX(A,B,C,D)= 6.7 5.9 6.4 6.4

Main boom and fixed jib (jib angle 40.0 degrees)
 Length of main boom = 96.5 ft Length of jib = 29.5 ft
 Main boom sequence = 0-0-0-0-90-90 % LK = 28
 Counterweight = 19.6 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]								(Pos.[Degrees])				0-360 Degr.							
		1(0)		2(...)				3(90)		4(...)		5(180)			6(...)						
		A	B	C	D	A	B	C	D	A	B	C	D		A	B	C	D			
39.4	20.7	50	50	35	35	54	45	38	32	(17)	56	26	55	32							
		56	26	55	32	(90)	32	32	52	52	26	56	32	55	(269)						
45.9	19.8	53	53	31	31	62	41	41	25	(30)	62	20	59	28							
		59	18	61	30	(102)	29	29	56	56	18	58	31	62	(257)						
52.5	19.2	57	57	27	27	69	39	42	19	(35)	67	14	63	23							
		61	11	67	29	(108)	25	25	59	59	11	61	29	67	(251)						
59.1	17.2	58	58	25	25	73	37	42	15	(37)	70	10	65	20							
		65	7	69	25	(105)	22	22	61	61	7	64	26	70	(254)						
65.6	13.9	57	57	24	24	71	35	41	14	(37)	69	9	65	19							
		63	6	69	25	(105)	22	22	60	60	6	63	25	69	(254)						
72.2	11.5	57	57	23	23	71	35	41	13	(37)	69	8	65	18							
		63	5	69	24	(105)	21	21	60	60	4	63	24	69	(254)						

78.7 9.5 56 56 23 23 72 34 41 12(38) 69 7 65 17
 63 3 69 23(106) 20 20 60 60 3 62 24 69(253)
 85.3 7.7 56 56 22 22 72 33 41 11(38) 69 6 65 17
 63 2 69 23(106) 19 19 60 60 2 62 23 69(253)
 91.9 6.2 56 56 21 21 72 32 40 10(38) 69 5 65 16
 63 1 69 22(106) 18 18 59 59 1 62 22 69(253)

 HA= 96.5 HI= 29.5 GGW= 19.6 SL= 0.0 MAX(A,B,C,D)= 6.7 6.0 6.5 6.5

Main boom and fixed jib (jib angle 40.0 degrees)
 Length of main boom = 100.4 ft Length of jib = 29.5 ft
 Main boom sequence = 0-0-0-0-100-100 % LK = 29
 Counterweight = 19.6 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.
		1(0)		2(...)		3(90)		6(...)		
		4(...)	5(180)			6(...)				
		A B C D	A B C D	A B C D	A B C D					
39.4	20.7	50 50 35 35	54 45 38 32	17(17)	56 26 55 32					
		56 26 55 32	32 32 52 52	26 56 32 55	269					
45.9	19.8	53 53 31 31	62 41 41 25	30(30)	62 20 59 28					
		59 19 61 30	29 29 56 56	18 59 30 61	258					
52.5	19.0	56 56 28 28	68 39 41 19	34(34)	67 15 63 23					
		61 11 67 29	25 25 59 59	11 61 29 67	252					
59.1	17.2	58 58 25 25	72 37 42 15	37(37)	70 11 65 20					
		64 7 69 25	22 22 60 60	7 64 26 69	254					
65.6	14.1	57 57 24 24	72 36 42 14	37(37)	69 9 65 19					
		64 6 69 25	22 22 60 60	6 63 25 69	254					
72.2	11.5	57 57 24 24	71 35 41 13	37(37)	69 9 64 19					
		63 5 68 24	21 21 60 60	5 63 24 69	254					
78.7	9.5	56 56 23 23	71 34 41 12	37(37)	69 7 64 18					
		63 4 68 23	20 20 59 59	4 63 24 69	254					
85.3	7.7	56 56 22 22	71 33 41 11	38(38)	69 6 64 17					
		62 2 69 23	19 19 59 59	2 62 23 69	253					
91.9	6.4	56 56 21 21	72 32 40 10	38(38)	69 5 65 16					
		63 1 69 22	18 18 60 60	1 62 22 69	253					
98.4	5.1	56 56 21 21	73 31 41 9	39(39)	70 4 65 15					
		62 0 70 22	17 17 60 60	0 62 22 70	252					

 HA=100.4 HI= 29.5 GGW= 19.6 SL= 0.0 MAX(A,B,C,D)= 6.7 5.9 6.5 6.5

Main boom and fixed jib (jib angle 40.0 degrees)
 Length of main boom = 110.2 ft Length of jib = 29.5 ft
 Main boom sequence = 0-0-0-45-90-90 % LK = 36
 Counterweight = 19.6 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.
		1(0)		2(...)		3(90)		6(...)		
		4(...)	5(180)			6(...)				
		A B C D	A B C D	A B C D	A B C D					
39.4	20.9	50 50 34 34	55 45 39 31	19(19)	57 26 55 32					
		56 26 56 32	32 32 53 53	25 56 32 56	267					
45.9	20.1	54 54 31 31	63 41 41 24	31(31)	63 20 60 27					
		59 17 62 30	28 28 56 56	17 59 31 62	256					

52.5	19.4	57	57	27	27	70	39	42	18(35)	68	13	64	22
		62	10	68	28(108)	25	25	60	60	10	62	29	68(251)
59.1	17.0	58	58	25	25	73	36	42	15(37)	70	10	65	20
		65	7	69	25(105)	22	22	61	61	6	64	26	70(254)
65.6	13.7	57	57	24	24	71	35	41	14(37)	69	9	65	19
		63	6	69	25(105)	22	22	60	60	6	63	25	69(254)
72.2	11.2	57	57	23	23	71	35	41	13(37)	69	8	65	18
		63	5	69	24(105)	21	21	60	60	4	63	24	69(254)
78.7	9.3	56	56	22	22	72	34	41	12(38)	69	7	65	17
		63	3	69	23(106)	20	20	60	60	3	62	24	69(253)
85.3	7.5	56	56	22	22	72	33	41	11(38)	69	6	65	17
		63	2	69	23(106)	19	19	59	59	2	62	23	69(253)
91.9	6.0	56	56	21	21	72	32	40	10(38)	69	5	65	16
		62	1	69	22(106)	18	18	59	59	1	62	23	69(253)
98.4	4.9	56	56	21	21	73	31	41	9(39)	70	4	65	15
		62	0	71	21(107)	17	17	60	60	0	61	21	71(252)
105.0	3.5	56	56	20	20	73	31	40	9(39)	69	3	65	15
		61	0	71	20(107)	17	17	60	60	0	61	21	71(252)

 HA=110.2 HI= 29.5 GGW= 19.6 SL= 0.0 MAX(A,B,C,D)= 6.8 6.0 6.6 6.6

Main boom and fixed jib (jib angle 40.0 degrees)

Length of main boom = 114.5 ft Length of jib = 29.5 ft

Main boom sequence = 0-0-0-45-100-100 % LK = 37

Counterweight = 19.6 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
	1(0)		2(...)		3(90)		6(...)						
	4(...)		5(180)		6(...)								
	A	B	C	D	A	B	C	D					
39.4	20.9	50	50	34	34	55	45	39	31(19)	57	26	55	32
		56	26	56	32(92)	32	32	53	53	26	56	32	56(267)
45.9	20.1	54	54	31	31	63	41	41	24(31)	62	20	60	27
		59	18	62	30(102)	28	28	56	56	17	59	30	62(257)
52.5	19.4	57	57	27	27	70	39	42	18(35)	68	14	64	22
		62	10	68	28(108)	25	25	60	60	10	62	29	68(251)
59.1	17.0	58	58	25	25	72	36	42	15(37)	70	10	65	20
		64	7	69	25(105)	22	22	60	60	7	64	26	69(254)
65.6	13.9	57	57	24	24	72	35	41	14(37)	69	9	65	19
		64	6	69	24(105)	21	21	60	60	6	63	25	69(254)
72.2	11.2	57	57	24	24	71	35	41	13(37)	69	8	64	19
		63	5	68	24(105)	21	21	60	60	5	63	24	69(254)
78.7	9.3	56	56	23	23	71	34	41	12(37)	69	7	65	18
		63	4	68	23(105)	20	20	59	59	3	63	24	69(254)
85.3	7.5	56	56	22	22	71	33	41	11(38)	69	6	64	17
		62	2	69	23(106)	19	19	59	59	2	62	23	69(253)
91.9	6.2	56	56	21	21	72	32	40	10(38)	69	5	65	16
		63	1	69	22(106)	18	18	60	60	1	62	22	69(253)
98.4	4.9	56	56	21	21	72	31	41	9(39)	69	4	65	15
		62	0	70	22(107)	17	17	60	60	0	62	22	70(252)
105.0	3.7	56	56	20	20	73	31	40	8(39)	70	3	65	14
		61	0	71	20(107)	17	17	60	60	0	61	21	71(252)
111.5	2.4	56	56	20	20	72	31	40	9(39)	69	3	65	15
		61	0	70	20(107)	17	17	59	59	0	60	21	71(252)

 HA=114.5 HI= 29.5 GGW= 19.6 SL= 0.0 MAX(A,B,C,D)= 6.8 5.9 6.6 6.6

Main boom and fixed jib (jib angle 40.0 degrees)
 Length of main boom = 124.3 ft Length of jib = 29.5 ft
 Main boom sequence = 0-0-0-90-90-90 % LK = 45
 Counterweight = 19.6 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]								(Pos.[Degrees])				0-360 Degr.
		1(0)		2(...)		3(90)		4(...)		5(180)		6(...)		
		A	B	C	D	A	B	C	D	A	B	C	D	
45.9	20.3	54	54	30	30	64	41	41	23	(32)	63	19	60	27
		60	17	63	30(103)	28	28	57	57		17	60	30	63(256)
52.5	19.6	58	58	26	26	71	38	42	17	(36)	69	13	65	22
		64	10	68	26(104)	24	24	60	60		9	64	27	68(255)
59.1	16.8	58	58	25	25	73	36	42	15	(37)	70	10	65	20
		65	7	69	25(105)	22	22	61	61		6	64	26	70(254)
65.6	13.4	57	57	24	24	71	35	41	14	(37)	69	9	65	19
		63	6	69	24(105)	21	21	60	60		6	63	25	69(254)
72.2	11.0	57	57	23	23	71	35	41	13	(37)	69	8	65	18
		63	4	69	24(105)	21	21	60	60		4	63	24	69(254)
78.7	9.0	56	56	22	22	72	34	41	12	(38)	69	7	65	17
		63	3	69	23(106)	20	20	60	60		3	62	24	69(253)
85.3	7.3	56	56	22	22	72	33	41	11	(38)	69	6	65	17
		63	2	69	23(106)	19	19	59	59		2	62	23	69(253)
91.9	6.0	56	56	21	21	72	32	40	10	(38)	69	5	65	16
		63	1	69	22(106)	18	18	60	60		0	62	22	70(253)
98.4	4.6	56	56	21	21	73	31	41	9	(39)	70	4	65	15
		62	0	70	21(107)	17	17	60	60		0	61	22	71(252)
105.0	3.3	56	56	20	20	72	31	40	9	(39)	69	4	65	15
		61	0	70	21(107)	17	17	59	59		0	61	21	71(252)

 HA=124.3 HI= 29.5 GGW= 19.6 SL= 0.0 MAX(A,B,C,D)= 6.7 6.0 6.5 6.6

Main boom and fixed jib (jib angle 40.0 degrees)
 Length of main boom = 130.9 ft Length of jib = 29.5 ft
 Main boom sequence = 0-0-0-100-100-100 % LK = 46
 Counterweight = 19.6 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]								(Pos.[Degrees])				0-360 Degr.
		1(0)		2(...)		3(90)		4(...)		5(180)		6(...)		
		A	B	C	D	A	B	C	D	A	B	C	D	
45.9	20.1	54	54	30	30	64	41	41	24	(32)	63	19	60	27
		60	17	62	30(103)	28	28	56	56		17	59	30	63(256)
52.5	19.6	58	58	27	27	71	38	42	17	(36)	69	13	65	22
		64	10	68	27(104)	24	24	60	60		9	64	27	68(255)
59.1	16.8	58	58	25	25	73	36	42	15	(37)	70	10	65	20
		65	7	69	25(105)	22	22	61	61		6	64	26	70(254)
65.6	13.7	57	57	24	24	72	35	41	14	(37)	70	9	65	19
		64	6	69	24(105)	21	21	60	60		5	63	25	69(254)
72.2	11.0	57	57	23	23	71	35	41	13	(37)	69	8	65	18
		63	5	68	24(105)	21	21	60	60		4	63	24	69(254)

78.7	9.0	56	56	23	23	71	34	41	12(38)	69	7	65	17
		63	3	69	23(106)	20	20	59	59	3	62	24	69(253)
85.3	7.3	56	56	22	22	71	33	41	11(38)	69	6	64	17
		62	2	69	23(106)	19	19	59	59	2	62	23	69(253)
91.9	6.0	56	56	21	21	72	32	40	10(38)	69	5	65	16
		63	1	69	22(106)	18	18	60	60	1	62	22	69(253)
98.4	4.6	56	56	21	21	72	31	41	9(39)	69	4	65	15
		62	0	70	22(107)	17	17	60	60	0	62	22	70(252)
105.0	3.3	56	56	20	20	72	32	40	9(38)	69	4	65	15
		62	0	69	21(106)	17	17	59	59	0	61	21	70(253)
111.5	2.2	56	56	20	20	72	31	40	9(39)	69	3	65	15
		61	0	70	20(107)	17	17	59	59	0	60	21	71(252)

HA=130.9 HI= 29.5 GGW= 19.6 SL= 0.0 MAX(A,B,C,D)= 6.7 6.0 6.5 6.6

Main boom and fixed jib (jib angle 40.0 degrees)
 Length of main boom = 138.1 ft Length of jib = 29.5 ft
 Main boom sequence = 0-0-45-90-90-90 % LK = 54
 Counterweight = 19.6 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.			
		1(0)		2(...)		3(90)		6(...)					
A	B	C	D	A	B	C	D	A	B	C	D		
45.9	20.3	55	55	30	30	65	40	41	22(33)	64	18	61	26
		60	16	64	30(104)	28	28	57	57	16	60	30	64(255)
52.5	19.6	58	58	26	26	72	38	42	16(36)	70	12	65	21
		65	9	69	26(104)	24	24	61	61	8	65	26	69(255)
59.1	16.1	58	58	25	25	72	36	42	15(37)	70	10	65	20
		64	7	69	25(105)	22	22	60	60	6	64	26	69(254)
65.6	13.0	57	57	24	24	72	35	41	14(37)	69	9	65	19
		64	5	69	24(105)	21	21	60	60	5	63	25	69(254)
72.2	10.6	57	57	23	23	72	35	41	13(37)	69	8	65	18
		63	4	69	23(105)	20	20	60	60	4	63	24	69(254)
78.7	8.6	57	57	22	22	72	33	41	11(38)	69	6	65	17
		63	2	69	23(106)	19	19	60	60	2	62	24	69(253)
85.3	6.8	56	56	22	22	72	33	41	11(38)	69	6	65	16
		63	2	69	22(106)	19	19	60	60	1	62	23	69(253)
91.9	5.3	56	56	21	21	72	32	40	10(38)	69	5	65	16
		63	1	69	22(106)	18	18	59	59	0	62	22	69(253)
98.4	4.0	56	56	21	21	72	31	41	9(39)	69	4	65	15
		62	0	70	21(107)	17	17	59	59	0	61	22	70(252)
105.0	2.6	56	56	20	20	72	31	40	9(39)	69	4	65	15
		61	0	70	21(107)	17	17	59	59	0	60	21	70(252)

HA=138.1 HI= 29.5 GGW= 19.6 SL= 0.0 MAX(A,B,C,D)= 6.7 6.0 6.5 6.5

Main boom and fixed jib (jib angle 40.0 degrees)
 Length of main boom = 145.0 ft Length of jib = 29.5 ft
 Main boom sequence = 0-0-45-100-100-100 % LK = 55
 Counterweight = 19.6 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.	
		1(0)		2(...)		3(90)		6(...)			
A	B	C	D	A	B	C	D	A	B	C	D

	4(...)				5(180)				6(...)				
	A	B	C	D	A	B	C	D	A	B	C	D	
52.5	19.4	58	58	26	26	72	38	42	17(36)	70	12	65	21
	65	9	69	26(104)	24	24	60	60	9	64	27	69(255)	
59.1	15.9	58	58	25	25	72	36	42	15(37)	69	11	65	20
	64	7	69	25(105)	22	22	60	60	7	63	26	69(254)	
65.6	13.0	57	57	24	24	71	35	41	14(37)	69	9	65	19
	63	6	69	24(105)	21	21	60	60	5	63	25	69(254)	
72.2	10.6	57	57	23	23	71	35	41	13(37)	69	8	65	18
	63	4	69	24(105)	20	20	60	60	4	63	24	69(254)	
78.7	8.4	56	56	23	23	71	34	40	12(37)	69	7	64	17
	63	4	68	23(105)	20	20	59	59	3	62	23	68(254)	
85.3	6.8	56	56	22	22	72	33	41	11(38)	69	6	65	16
	63	2	69	22(106)	19	19	59	59	2	62	23	69(253)	
91.9	5.3	56	56	21	21	72	32	40	10(38)	69	5	65	16
	62	1	69	22(106)	18	18	59	59	1	62	22	69(253)	
98.4	4.0	56	56	21	21	72	32	40	9(38)	69	4	65	15
	62	0	69	21(106)	17	17	59	59	0	62	22	69(253)	
105.0	2.6	55	55	20	20	71	32	40	9(38)	69	4	64	15
	62	0	69	21(106)	17	17	59	59	0	61	21	69(253)	

HA=145.0 HI= 29.5 GGW= 19.6 SL= 0.0 MAX(A,B,C,D)= 6.7 6.0 6.4 6.4

Main boom and fixed jib (jib angle 40.0 degrees)
Length of main boom = 152.2 ft Length of jib = 29.5 ft
Main boom sequence = 0-0-90-90-90-90 % LK = 62
Counterweight = 19.6 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
	1(0)				2(...)								
	4(...)				5(180)				6(...)				
	A	B	C	D	A	B	C	D	A	B	C	D	
52.5	18.3	57	57	26	26	70	38	42	17(35)	68	13	64	22
	64	10	67	26(103)	24	24	60	60	10	63	26	67(256)	
59.1	14.8	57	57	25	25	70	37	41	16(36)	68	11	64	21
	63	8	67	25(104)	23	23	59	59	8	63	26	67(255)	
65.6	11.9	56	56	24	24	70	36	41	15(36)	68	10	64	20
	63	7	67	24(104)	22	22	59	59	6	62	25	67(255)	
72.2	9.5	56	56	24	24	70	34	41	14(37)	68	9	63	19
	62	5	67	24(105)	21	21	59	59	5	62	24	67(254)	
78.7	7.5	55	55	23	23	70	34	40	13(37)	68	7	63	18
	62	4	67	23(105)	20	20	59	59	4	62	24	68(254)	
85.3	5.7	55	55	22	22	70	33	40	12(37)	67	7	63	17
	62	3	67	23(105)	19	19	58	58	3	61	23	67(254)	
91.9	4.4	55	55	21	21	71	32	40	11(38)	68	6	64	16
	62	2	68	22(106)	18	18	59	59	1	61	23	68(253)	
98.4	3.1	55	55	21	21	71	32	40	10(38)	68	5	64	16
	62	1	68	22(106)	17	17	59	59	1	61	22	68(253)	

HA=152.2 HI= 29.5 GGW= 19.6 SL= 0.0 MAX(A,B,C,D)= 6.6 5.9 6.3 6.3

Main boom and fixed jib (jib angle 40.0 degrees)
Length of main boom = 161.4 ft Length of jib = 29.5 ft
Main boom sequence = 0-0-100-100-100-100 % LK = 63

Counterweight = 19.6 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
	1(0)		2(...)		3(90)		6(...)						
	A	B	C	D	A	B	C	D	A	B	C	D	
59.1	14.3	56	56	26	26	69	37	41	17(35)	67	12	63	21
	63	9	66	25(103)	23	23	59	59	9	62	26	67(256)	
65.6	11.7	56	56	25	25	69	36	41	15(36)	67	10	63	20
	62	7	67	24(104)	22	22	59	59	7	62	25	67(255)	
72.2	9.3	55	55	24	24	69	35	40	14(36)	67	9	63	19
	62	6	67	24(104)	21	21	58	58	6	62	24	67(255)	
78.7	7.3	55	55	23	23	69	34	40	13(37)	67	8	63	18
	62	4	67	24(105)	20	20	58	58	4	61	24	67(254)	
85.3	5.5	55	55	22	22	69	33	40	12(37)	67	7	63	18
	61	4	67	23(105)	19	19	58	58	4	61	23	67(254)	
91.9	4.2	55	55	22	22	70	33	39	11(37)	67	6	63	17
	62	2	67	22(105)	19	19	58	58	2	61	22	67(254)	
98.4	2.9	55	55	21	21	70	32	40	11(38)	67	5	63	16
	61	2	67	22(106)	18	18	58	58	1	60	22	68(253)	

HA=161.4 HI= 29.5 GGW= 19.6 SL= 0.0 MAX(A,B,C,D)= 6.5 5.8 6.3 6.3

Main boom and fixed jib (jib angle 40.0 degrees)

Length of main boom = 166.0 ft Length of jib = 29.5 ft

Main boom sequence = 0-45-90-90-90-90 % LK = 68

Counterweight = 19.6 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
	1(0)		2(...)		3(90)		6(...)						
	A	B	C	D	A	B	C	D	A	B	C	D	
59.1	13.2	55	55	26	26	68	37	41	17(35)	66	12	63	21
	62	9	66	26(103)	23	23	58	58	9	62	26	66(256)	
65.6	10.4	55	55	25	25	68	36	40	16(35)	66	11	62	20
	62	8	65	24(103)	22	22	58	58	8	61	25	66(256)	
72.2	8.2	55	55	24	24	68	35	40	15(36)	66	9	62	19
	61	6	66	24(104)	21	21	58	58	6	61	24	66(255)	
78.7	6.2	54	54	23	23	68	34	39	14(36)	66	8	62	19
	61	5	66	23(104)	20	20	58	58	5	61	24	66(255)	
85.3	4.4	54	54	23	23	68	34	39	13(36)	66	8	62	18
	61	4	66	23(104)	19	19	57	57	4	60	23	66(255)	
91.9	3.1	54	54	22	22	69	33	39	12(37)	66	6	63	17
	61	3	66	22(105)	19	19	58	58	3	60	23	67(254)	

HA=166.0 HI= 29.5 GGW= 19.6 SL= 0.0 MAX(A,B,C,D)= 6.4 5.7 6.2 6.2

Main boom and fixed jib (jib angle 40.0 degrees)

Length of main boom = 175.5 ft Length of jib = 29.5 ft

Main boom sequence = 0-45-100-100-100-100 % LK = 69

Counterweight = 19.6 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.
	1(0)		2(...)		3(90)		6(...)		

	4(...)				5(180)				6(...)				
	A	B	C	D	A	B	C	D	A	B	C	D	
	59.1	12.8	55	55	26	26	67	37	40	18(34)	65	13	62
		62	10	65	26(102)	24	24	58	58	10	61	26	65(257)
65.6	10.1	54	54	25	25	67	36	40	16(35)	65	11	62	21
		61	8	65	25(103)	22	22	57	57	8	61	25	65(256)
72.2	7.9	54	54	24	24	67	35	39	15(35)	65	10	62	20
		61	7	65	24(103)	21	21	57	57	7	61	24	65(256)
78.7	6.0	54	54	24	24	67	34	39	14(36)	65	9	62	19
		60	6	65	24(104)	20	20	57	57	6	60	24	65(255)
85.3	4.4	54	54	23	23	68	34	39	13(36)	66	8	62	18
		61	4	66	23(104)	19	19	57	57	4	60	23	66(255)
91.9	2.9	54	54	22	22	67	33	39	13(36)	65	7	62	17
		60	4	65	22(104)	19	19	57	57	4	60	23	66(255)

HA=175.5 HI= 29.5 GGW= 19.6 SL= 0.0 MAX(A,B,C,D)= 6.3 5.7 6.1 6.1

Main boom and fixed jib (jib angle 40.0 degrees)

Length of main boom = 180.1 ft Length of jib = 29.5 ft

Main boom sequence = 0-90-90-90-90-90 % LK = 73

Counterweight = 19.6 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
	1(0)				2(...)					3(90)			
	4(...)				5(180)								
	A	B	C	D	A	B	C	D	A	B	C	D	
59.1	11.7	54	54	26	26	66	37	40	18(34)	64	13	61	22
		59	10	65	28(107)	24	24	57	57	10	58	28	65(252)
65.6	9.0	54	54	25	25	66	36	39	17(34)	64	12	61	21
		60	9	64	25(102)	22	22	57	57	9	60	25	64(257)
72.2	6.8	54	54	24	24	66	35	39	16(35)	64	10	61	20
		60	7	64	24(103)	21	21	57	57	7	60	24	64(256)
78.7	4.9	53	53	24	24	66	34	39	15(35)	64	9	61	19
		60	7	64	23(103)	21	21	56	56	6	60	24	64(256)
85.3	3.3	53	53	23	23	66	34	39	14(36)	65	8	61	18
		60	5	65	23(104)	20	20	56	56	5	59	23	65(255)

HA=180.1 HI= 29.5 GGW= 19.6 SL= 0.0 MAX(A,B,C,D)= 6.2 5.6 6.0 6.0

HA=180.1 HI= 29.5 GGW= 19.6 SL= 0.0 MAX(A,B,C,D)= 0.0 0.0 0.0 0.0

HA=180.1 HI= 29.5 GGW= 19.6 SL= 0.0 MAX(A,B,C,D)= 0.0 0.0 0.0 0.0

HA=180.1 HI= 29.5 GGW= 19.6 SL= 0.0 MAX(A,B,C,D)= 0.0 0.0 0.0 0.0

HA=180.1 HI= 29.5 GGW= 19.6 SL= 0.0 MAX(A,B,C,D)= 0.0 0.0 0.0 0.0

HA=180.1 HI= 29.5 GGW= 19.6 SL= 0.0 MAX(A,B,C,D)= 0.0 0.0 0.0 0.0

Programm L A M O S 9 9 Version 1.08 vom 29.09.02

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Eingabedatei: ilam.dat

Festdatei : /berechnung/tabellen/zentraledaten/lamosfd-ac/200-1.99dat

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H

DEMAG Mobile Cranes
 O U T R I G G E R - L O A D I N G S
 (Variance = +/-10%)

PSI= 1.00

Crane : *** AC 200-1 *** mit HKHI fuer GA und MS

 Outrigger width = 18.7 ft Outrigger length = 27.7 ft
 Outrigger "A" X = 12.0 ft Outrigger "A" Y = 9.4 ft
 Outrigger "B" X = 12.0 ft Outrigger "B" Y = -9.4 ft
 Outrigger "C" X = -15.7 ft Outrigger "C" Y = 9.4 ft
 Outrigger "D" X = -15.7 ft Outrigger "D" Y = -9.4 ft

Main boom and fixed jib (jib angle 0.0 degrees)
 Length of main boom = 40.7 ft Length of jib = 29.5 ft
 Main boom sequence = 0-0-0-0-0-0 % LK = 1
 Counterweight = 12.6 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
		1(0)		2(...)		3(90)		6(...)						
		A	B	C	D	A	B	C	D		A	B	C	D
9.8	39.7	44	44	46	46	44	45	46	47(59)	44	45	46	47	
		45	45	46	46(127)	45	45	46	46	45	45	46	46(232)	
11.5	39.7	46	46	45	45	47	43	47	44(59)	47	42	48	44	
		46	42	48	46(128)	43	43	47	47	42	46	46	48(232)	
13.1	39.7	48	48	43	43	50	42	48	41(59)	50	40	50	42	
		47	39	51	45(128)	42	42	49	49	39	47	45	51(232)	
14.8	39.7	49	49	41	41	54	40	49	39(59)	52	37	52	40	
		48	36	54	44(128)	40	40	51	51	36	48	44	54(232)	
16.4	39.7	51	51	40	40	57	39	50	36(59)	55	34	54	38	
		55	34	54	38(90)	38	38	52	52	34	55	38	54(270)	
19.7	39.7	54	54	37	37	59	48	41	33(21)	61	29	58	34	
		60	28	59	34(93)	35	35	56	56	28	60	35	59(266)	
23.0	39.7	58	58	33	33	67	45	43	27(31)	66	23	63	30	
		63	21	65	33(103)	32	32	59	59	21	62	33	65(256)	
26.2	38.6	60	60	30	30	73	41	45	21(37)	71	18	66	26	
		65	15	69	31(107)	29	29	62	62	15	64	32	70(252)	
29.5	35.3	60	60	28	28	74	40	44	19(36)	72	15	67	23	
		65	11	71	30(109)	26	26	62	62	11	65	30	71(250)	
32.8	31.7	60	60	26	26	75	39	44	16(37)	73	12	67	21	
		67	8	71	27(105)	24	24	62	62	8	67	27	71(254)	
39.4	24.5	59	59	24	24	74	36	43	14(38)	71	9	66	19	
		65	5	71	25(106)	22	22	61	61	5	65	26	71(253)	
45.9	18.3	57	57	23	23	71	35	41	13(37)	69	8	65	18	
		63	4	69	24(105)	21	21	60	60	4	63	24	69(254)	
52.5	14.1	56	56	22	22	70	34	40	12(37)	68	7	64	17	
		62	3	68	23(105)	19	19	59	59	3	62	23	68(254)	
59.1	11.0	55	55	21	21	70	32	40	11(38)	68	5	64	16	
		61	1	68	22(106)	18	18	58	58	1	61	22	68(253)	

 HA= 40.7 HI= 29.5 GGW= 12.6 SL= 0.0 MAX(A,B,C,D)= 7.0 6.2 6.6 6.6

 Main boom and fixed jib (jib angle 0.0 degrees)
 Length of main boom = 54.5 ft Length of jib = 29.5 ft
 Main boom sequence = 0-0-0-0-0-45 % LK = 7
 Counterweight = 12.6 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]																(Pos.[Degrees])	0-360 Degr.								
		1(0)				2(...)				3(90)				4(...)						5(180)				6(...)			
		A	B	C	D	A	B	C	D	A	B	C	D	A	B	C	D			A	B	C	D				
9.8	39.7	44	44	47	47	43	45	46	47	(59)	44	46	45	47	44	46	45	47	44	46	45	47					
		44	46	45	46(127)	45	45	45	45		46	44	46	45(232)													
11.5	39.7	46	46	45	45	47	44	47	45	(59)	46	43	47	45	45	43	48	46(127)	44	44	47	47					
		45	43	48	46(127)	44	44	47	47		43	45	46	48(232)													
13.1	39.7	47	47	43	43	50	42	48	42	(59)	49	40	49	43	47	39	50	45(128)	42	42	49	49					
		47	39	50	45(128)	42	42	49	49		39	47	45	50(232)													
14.8	39.7	49	49	42	42	53	41	49	39	(59)	52	37	52	41	48	36	53	44(128)	40	40	50	50					
		48	36	53	44(128)	40	40	50	50		36	48	44	53(232)													
16.4	39.7	50	50	40	40	56	39	49	37	(59)	54	35	54	39	54	35	54	39(90)	39	39	52	52					
		54	35	54	39(90)	39	39	52	52		35	54	39	54(270)													
19.7	39.7	54	54	37	37	58	49	41	34	(18)	60	30	58	35	60	29	58	35(91)	36	36	55	55					
		60	29	58	35(91)	36	36	55	55		29	60	35	58(268)													
23.0	39.7	57	57	34	34	65	45	43	28	(30)	65	24	62	30	63	22	64	33(101)	32	32	58	58					
		63	22	64	33(101)	32	32	58	58		22	62	33	64(258)													
26.2	39.7	60	60	31	31	73	42	45	22	(36)	71	19	66	26	65	15	69	32(107)	29	29	62	62					
		65	15	69	32(107)	29	29	62	62		15	65	32	70(252)													
29.5	39.7	63	63	27	27	79	40	46	17	(38)	76	13	70	22	70	9	74	28(106)	26	26	65	65					
		70	9	74	28(106)	26	26	65	65		9	69	29	75(253)													
32.8	35.7	63	63	26	26	79	38	46	14	(39)	76	11	70	20	69	6	75	27(107)	24	24	65	65					
		69	6	75	27(107)	24	24	65	65		6	69	28	75(252)													
39.4	25.8	59	59	25	25	74	36	43	14	(38)	72	10	67	19	65	6	71	25(106)	22	22	62	62					
		65	6	71	25(106)	22	22	62	62		6	65	26	71(253)													
45.9	19.6	57	57	24	24	72	35	41	13	(37)	69	8	65	19	64	5	69	24(105)	21	21	60	60					
		64	5	69	24(105)	21	21	60	60		5	63	24	69(254)													
52.5	15.2	56	56	23	23	70	34	40	13	(37)	68	7	64	18	62	4	68	23(105)	20	20	59	59					
		62	4	68	23(105)	20	20	59	59		4	62	24	68(254)													
59.1	11.9	55	55	22	22	69	33	39	12	(37)	67	6	63	17	61	3	67	22(105)	19	19	58	58					
		61	3	67	22(105)	19	19	58	58		3	61	23	67(254)													
65.6	9.5	54	54	21	21	69	32	39	11	(37)	67	5	63	16	61	2	67	22(105)	18	18	58	58					
		61	2	67	22(105)	18	18	58	58		1	61	22	67(254)													
72.2	7.5	54	54	21	21	69	31	39	10	(38)	67	4	63	15	60	0	67	21(106)	17	17	58	58					
		60	0	67	21(106)	17	17	58	58		0	60	22	67(253)													

 HA= 54.5 HI= 29.5 GGW= 12.6 SL= 0.0 MAX(A,B,C,D)= 7.4 6.4 7.0 7.0

Main boom and fixed jib (jib angle 0.0 degrees)
 Length of main boom = 68.6 ft Length of jib = 29.5 ft
 Main boom sequence = 0-0-0-0-0-90 % LK = 13
 Counterweight = 12.6 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]																(Pos.[Degrees])	0-360 Degr.								
		1(0)				2(...)				3(90)				4(...)						5(180)				6(...)			
		A	B	C	D	A	B	C	D	A	B	C	D	A	B	C	D			A	B	C	D				

13.1	39.7	47	47	44	44	49	43	47	42(59)	49	41	49	43
		46	40	50	45(128)	42	42	49	49	40	46	45	50(232)
14.8	39.7	49	49	42	42	52	41	48	40(59)	51	38	51	41
		47	37	52	45(128)	41	41	50	50	37	47	45	52(232)
16.4	39.7	50	50	41	41	56	39	49	37(59)	54	35	53	39
		54	35	53	39(90)	39	39	52	52	35	54	39	53(270)
19.7	39.7	53	53	37	37	57	49	41	35(16)	59	30	57	35
		59	30	57	35(90)	36	36	55	55	30	59	35	57(270)
23.0	39.7	56	56	34	34	65	45	43	28(29)	65	25	61	31
		62	23	63	33(100)	33	33	58	58	23	62	34	63(259)
26.2	38.4	59	59	31	31	70	42	45	23(35)	69	20	64	27
		64	17	67	32(105)	30	30	60	60	17	63	32	67(254)
29.5	35.7	60	60	29	29	73	40	45	20(37)	71	17	66	25
		64	13	70	31(108)	28	28	61	61	13	64	31	70(251)
32.8	33.1	60	60	27	27	74	39	44	17(37)	72	13	67	22
		67	10	71	28(105)	25	25	62	62	10	66	28	71(254)
39.4	26.7	59	59	25	25	75	36	43	14(38)	72	10	67	20
		66	6	71	26(106)	22	22	62	62	6	65	26	71(253)
45.9	20.3	57	57	24	24	72	35	41	14(37)	69	9	65	19
		64	6	69	24(105)	21	21	60	60	5	63	25	69(254)
52.5	15.9	56	56	23	23	70	34	40	13(37)	68	8	64	18
		62	4	67	24(105)	20	20	59	59	4	62	24	68(254)
59.1	12.6	55	55	22	22	69	33	40	12(37)	67	7	63	17
		61	4	67	23(105)	19	19	58	58	3	61	23	67(254)
65.6	10.1	54	54	22	22	69	32	39	11(37)	67	6	63	17
		61	2	67	22(105)	18	18	58	58	2	60	22	67(254)
72.2	8.2	54	54	21	21	69	32	39	11(37)	66	5	63	16
		61	1	67	21(105)	17	17	58	58	1	60	22	67(254)
78.7	6.6	54	54	20	20	69	31	39	9(38)	67	4	63	15
		60	0	67	21(106)	17	17	58	58	0	60	21	67(253)
85.3	5.3	54	54	20	20	70	30	39	9(38)	67	3	63	14
		59	0	69	19(106)	16	16	58	58	0	59	19	69(253)

 HA= 68.6 HI= 29.5 GGW= 12.6 SL= 0.0 MAX(A,B,C,D)= 6.9 6.1 6.6 6.6

Main boom and fixed jib (jib angle 0.0 degrees)

Length of main boom = 70.2 ft Length of jib = 29.5 ft

Main boom sequence = 0-0-0-0-0-100 % LK = 14

Counterweight = 12.6 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
	1(0)		2(...)		3(90)		6(...)						
	A	B	C	D	A	B	C	D	A	B	C	D	
13.1	39.7	47	47	44	44	49	43	47	42(59)	49	41	49	43
		46	40	50	45(128)	42	42	49	49	40	46	45	50(232)
14.8	39.7	49	49	42	42	52	41	48	40(59)	51	38	51	41
		47	37	52	45(128)	41	41	50	50	37	47	45	52(232)
16.4	39.7	50	50	41	41	55	40	49	37(59)	54	35	53	39
		54	35	53	39(90)	39	39	52	52	35	54	39	53(270)
19.7	39.7	53	53	37	37	57	49	41	35(16)	59	30	57	35
		59	30	57	35(90)	36	36	55	55	30	59	35	57(270)
23.0	38.1	55	55	35	35	63	46	42	29(27)	63	25	60	32
		61	24	62	33(99)	33	33	57	57	24	61	34	62(260)

26.2	35.3	56	56	32	32	66	43	43	26(32)	65	22	62	29
		62	19	64	32(103)	30	30	58	58	19	61	32	64(256)
29.5	32.4	57	57	30	30	68	41	43	22(34)	67	19	63	26
		62	16	66	31(105)	28	28	59	59	16	62	31	66(254)
32.8	29.8	57	57	28	28	69	39	43	20(36)	68	16	64	24
		62	13	67	30(107)	26	26	59	59	12	62	30	67(252)
39.4	25.8	58	58	25	25	73	37	43	15(37)	71	11	66	20
		65	7	70	26(105)	23	23	61	61	7	64	26	70(254)
45.9	20.5	57	57	24	24	72	35	41	14(37)	69	9	65	19
		64	5	69	24(105)	21	21	60	60	5	63	25	69(254)
52.5	16.1	56	56	23	23	70	34	41	13(37)	68	8	64	18
		62	4	68	23(105)	20	20	59	59	4	62	24	68(254)
59.1	12.8	55	55	22	22	69	33	40	12(37)	67	7	63	17
		62	3	67	23(105)	19	19	58	58	3	61	23	67(254)
65.6	10.1	54	54	22	22	69	32	39	12(37)	66	6	63	17
		61	3	66	22(105)	18	18	58	58	2	60	22	67(254)
72.2	8.2	54	54	21	21	69	32	39	11(37)	66	5	62	16
		60	2	66	22(105)	18	18	57	57	1	60	22	67(254)
78.7	6.6	54	54	20	20	69	31	39	10(38)	66	4	63	15
		60	0	67	21(106)	17	17	58	58	0	60	22	67(253)
85.3	5.3	54	54	20	20	69	30	39	9(38)	67	3	63	14
		59	0	68	20(106)	16	16	58	58	0	59	20	68(253)

 HA= 70.2 HI= 29.5 GGW= 12.6 SL= 0.0 MAX(A,B,C,D)= 6.8 6.0 6.5 6.5

Main boom and fixed jib (jib angle 0.0 degrees)

Length of main boom = 82.3 ft Length of jib = 29.5 ft

Main boom sequence = 0-0-0-0-45-90 % LK = 20

Counterweight = 12.6 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.
		1(0)		2(...)		3(90)		6(...)		
		4(...)		5(180)		6(...)				
		A	B	C	D	A	B	C	D	
16.4	39.7	50	50	41	41	55	40	49	37(59)	54 35 53 39
		54	35	53	39(90)	39	39	52	52	35 54 39 53(270)
19.7	39.7	53	53	37	37	57	49	41	35(16)	59 30 57 35
		59	30	57	35(90)	36	36	55	55	30 59 35 57(270)
23.0	39.7	56	56	34	34	65	45	43	28(29)	65 25 61 31
		62	23	63	33(100)	33	33	58	58	23 62 34 63(259)
26.2	39.7	60	60	31	31	72	42	45	23(36)	70 19 65 27
		65	16	69	32(106)	30	30	61	61	16 64 32 69(253)
29.5	38.6	62	62	28	28	76	41	45	18(37)	74 15 68 23
		66	11	73	31(110)	27	27	63	63	11 66 31 73(249)
32.8	36.2	63	63	26	26	79	39	45	15(38)	76 11 70 21
		69	7	74	27(106)	24	24	65	65	7 69 27 75(253)
39.4	26.9	60	60	25	25	75	36	43	14(38)	72 10 67 20
		66	6	71	26(106)	22	22	62	62	6 65 26 71(253)
45.9	20.5	57	57	24	24	72	35	41	14(37)	69 9 65 19
		64	5	69	24(105)	21	21	60	60	5 63 25 69(254)
52.5	15.9	56	56	23	23	70	34	40	13(37)	68 8 64 18
		62	5	67	24(105)	20	20	59	59	4 62 24 68(254)
59.1	12.8	55	55	22	22	69	33	40	12(37)	67 7 63 17
		62	3	67	23(105)	19	19	58	58	3 61 23 67(254)

65.6	10.1	54	54	22	22	69	32	39	12(37)	66	6	63	17
		61	3	67	22(105)	18	18	58	58	2	60	22	67(254)
72.2	8.2	54	54	21	21	69	32	39	11(37)	66	5	63	16
		60	2	66	22(105)	18	18	57	57	1	60	22	67(254)
78.7	6.6	54	54	20	20	69	31	39	10(38)	66	4	63	15
		60	0	67	21(106)	17	17	58	58	0	60	22	67(253)
85.3	5.3	54	54	20	20	69	30	39	9(38)	67	3	63	14
		59	0	68	20(106)	16	16	58	58	0	59	20	68(253)
91.9	4.0	53	53	19	19	69	30	38	9(38)	66	3	63	14
		58	0	68	19(106)	16	16	57	57	0	58	19	69(253)
98.4	2.9	53	53	19	19	69	30	38	8(38)	66	2	62	14
		58	0	69	18(106)	15	15	57	57	0	57	18	69(253)

HA= 82.3 HI= 29.5 GGW= 12.6 SL= 0.0 MAX(A,B,C,D)= 7.3 6.4 6.9 6.9

Main boom and fixed jib (jib angle 0.0 degrees)
 Length of main boom = 84.0 ft Length of jib = 29.5 ft
 Main boom sequence = 0-0-0-0-45-100 % LK = 21
 Counterweight = 12.6 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.			
		1(0)		2(...)		3(90)		4(...)					
		A	B	C	D	A	B	C	D	A	B	C	D
16.4	39.7	50	50	41	41	55	40	49	37(59)	54	35	53	39
		54	35	53	39(90)	39	39	52	52	35	54	39	53(270)
19.7	39.7	53	53	37	37	57	49	41	35(16)	59	30	57	35
		59	30	57	35(90)	36	36	55	55	30	59	35	57(270)
23.0	39.7	56	56	34	34	65	45	43	28(29)	64	25	61	31
		62	23	63	33(100)	33	33	58	58	23	62	34	63(259)
26.2	36.8	58	58	32	32	68	43	44	25(33)	67	21	63	28
		63	19	66	32(104)	30	30	59	59	18	62	32	66(255)
29.5	34.4	58	58	30	30	71	40	44	21(36)	69	17	65	25
		63	14	68	31(107)	28	28	60	60	14	63	31	68(252)
32.8	32.2	59	59	28	28	73	39	43	18(36)	71	14	66	23
		64	10	70	30(109)	26	26	61	61	10	63	30	71(250)
39.4	26.9	60	60	25	25	75	36	43	14(38)	72	10	67	20
		66	6	71	26(106)	22	22	62	62	6	65	26	71(253)
45.9	20.5	57	57	24	24	72	35	41	14(37)	69	9	65	19
		64	5	69	24(105)	21	21	60	60	5	63	25	69(254)
52.5	16.1	56	56	23	23	70	34	41	13(37)	68	8	64	18
		62	4	68	24(105)	20	20	59	59	4	62	24	68(254)
59.1	12.8	55	55	22	22	69	33	40	12(37)	67	7	63	17
		61	4	67	23(105)	19	19	58	58	3	61	23	67(254)
65.6	10.1	54	54	22	22	69	32	39	12(37)	66	6	63	17
		61	3	66	22(105)	19	19	58	58	3	60	23	67(254)
72.2	8.2	54	54	21	21	68	32	39	11(37)	66	5	62	16
		60	2	66	22(105)	18	18	57	57	2	60	22	66(254)
78.7	6.6	54	54	21	21	69	31	39	10(38)	66	4	62	15
		60	0	67	21(106)	17	17	57	57	0	60	22	67(253)
85.3	5.3	54	54	20	20	69	30	39	9(38)	66	3	63	15
		59	0	67	20(106)	16	16	57	57	0	59	20	68(253)
91.9	4.2	54	54	19	19	69	30	38	8(38)	67	2	63	14
		58	0	69	18(106)	15	15	58	58	0	58	19	69(253)

98.4 3.1 54 54 19 19 69 30 38 8(38) 67 2 63 13
 58 0 69 17(106) 15 15 57 57 0 57 18 70(253)

HA= 84.0 HI= 29.5 GGW= 12.6 SL= 0.0 MAX(A,B,C,D)= 6.9 6.1 6.6 6.6

Main boom and fixed jib (jib angle 0.0 degrees)
 Length of main boom = 96.5 ft Length of jib = 29.5 ft
 Main boom sequence = 0-0-0-0-90-90 % LK = 28
 Counterweight = 12.6 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
	1(0)				2(...)								
	4(...)				5(180)				6(...)				
	A	B	C	D	A	B	C	D	A	B	C	D	
19.7	39.7	53	53	37	37	57	49	41	35(16)	59	30	57	35
		59	30	57	35(90)	36	36	55	55	30	59	35	57(270)
23.0	39.7	56	56	34	34	65	45	43	28(29)	65	25	61	31
		62	23	63	33(100)	33	33	58	58	23	62	34	63(259)
26.2	39.7	60	60	31	31	72	42	45	23(36)	70	20	65	27
		65	16	69	32(106)	30	30	61	61	16	64	32	69(253)
29.5	39.0	62	62	28	28	77	41	45	18(37)	74	15	69	23
		67	10	73	31(110)	27	27	64	64	10	66	31	74(249)
32.8	34.6	62	62	27	27	76	39	45	16(37)	74	13	68	22
		68	9	72	27(105)	25	25	63	63	9	68	28	73(254)
39.4	26.9	60	60	25	25	75	36	43	14(38)	72	10	67	20
		66	6	71	26(106)	22	22	62	62	6	65	26	71(253)
45.9	20.5	57	57	24	24	72	35	41	14(37)	69	9	65	19
		64	5	69	24(105)	21	21	60	60	5	63	25	69(254)
52.5	16.1	56	56	23	23	70	34	41	13(37)	68	8	64	18
		62	4	68	24(105)	20	20	59	59	4	62	24	68(254)
59.1	12.8	55	55	22	22	69	33	40	12(37)	67	7	63	17
		62	3	67	23(105)	19	19	58	58	3	61	23	67(254)
65.6	10.1	54	54	22	22	69	32	39	12(37)	66	6	63	17
		61	3	66	22(105)	18	18	58	58	2	60	23	67(254)
72.2	8.2	54	54	21	21	69	32	39	11(37)	66	5	62	16
		60	2	66	22(105)	18	18	57	57	2	60	22	67(254)
78.7	6.6	54	54	21	21	69	31	39	10(38)	66	4	63	15
		60	0	67	21(106)	17	17	57	57	0	60	22	67(253)
85.3	5.3	54	54	20	20	69	30	39	9(38)	67	3	63	15
		59	0	68	20(106)	16	16	58	58	0	59	20	68(253)
91.9	4.0	53	53	19	19	69	30	38	9(38)	66	3	63	14
		59	0	68	19(106)	16	16	57	57	0	58	19	68(253)
98.4	2.9	53	53	19	19	69	30	38	8(38)	66	2	62	14
		58	0	68	18(106)	15	15	57	57	0	57	19	69(253)

HA= 96.5 HI= 29.5 GGW= 12.6 SL= 0.0 MAX(A,B,C,D)= 7.1 6.3 6.8 6.8

Main boom and fixed jib (jib angle 0.0 degrees)
 Length of main boom = 100.4 ft Length of jib = 29.5 ft
 Main boom sequence = 0-0-0-0-100-100 % LK = 29
 Counterweight = 12.6 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.			
	1(0)				2(...)							
	4(...)				5(180)				6(...)			
	A	B	C	D	A	B	C	D	A	B	C	D

	4(...)				5(180)				6(...)					
	A	B	C	D	A	B	C	D	A	B	C	D		
23.0	39.7	56	56	34	34	65	45	43	28	(29)	64	25	61	31
	62	23	63	33	(100)	33	33	58	58	23	62	34	63	(259)
26.2	37.7	58	58	32	32	69	43	44	24	(34)	68	21	63	28
	63	18	67	32	(105)	30	30	60	60	18	63	32	67	(254)
29.5	35.3	59	59	29	29	72	40	45	21	(37)	70	17	65	25
	64	13	69	30	(107)	28	28	61	61	13	64	31	69	(252)
32.8	32.6	60	60	28	28	73	40	44	18	(36)	71	14	66	23
	64	10	71	30	(109)	26	26	62	62	10	64	30	71	(250)
39.4	26.7	59	59	25	25	74	37	43	15	(37)	72	10	67	20
	66	7	71	25	(105)	23	23	62	62	6	65	26	71	(254)
45.9	20.5	57	57	24	24	72	35	41	14	(37)	69	9	65	19
	64	6	69	24	(105)	21	21	60	60	5	63	25	69	(254)
52.5	16.1	56	56	23	23	70	34	41	13	(37)	68	8	64	18
	62	4	68	24	(105)	20	20	59	59	4	62	24	68	(254)
59.1	12.8	55	55	22	22	69	33	40	12	(37)	67	7	63	17
	61	4	67	23	(105)	19	19	58	58	3	61	23	67	(254)
65.6	10.4	54	54	22	22	69	32	39	11	(37)	67	6	63	17
	61	2	67	22	(105)	18	18	58	58	2	61	22	67	(254)
72.2	8.4	54	54	21	21	69	32	39	11	(37)	67	5	63	16
	61	1	67	21	(105)	17	17	58	58	1	60	22	67	(254)
78.7	6.6	54	54	21	21	69	31	39	10	(38)	66	4	62	15
	60	0	67	21	(106)	17	17	57	57	0	60	22	67	(253)
85.3	5.3	54	54	20	20	69	30	39	9	(38)	66	4	63	15
	60	0	67	20	(106)	16	16	57	57	0	59	21	68	(253)
91.9	4.0	53	53	20	20	69	30	38	9	(38)	66	3	62	14
	59	0	67	19	(106)	16	16	57	57	0	58	20	68	(253)
98.4	2.9	53	53	19	19	69	30	38	8	(38)	66	2	62	14
	58	0	68	19	(106)	15	15	57	57	0	57	19	68	(253)

HA=100.4 HI= 29.5 GGW= 12.6 SL= 0.0 MAX(A,B,C,D)= 6.9 6.1 6.6 6.6

Main boom and fixed jib (jib angle 0.0 degrees)

Length of main boom = 110.2 ft Length of jib = 29.5 ft
Main boom sequence = 0-0-0-45-90-90 % LK = 36
Counterweight = 12.6 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.					
	1(0)				3(90)									
	4(...)				5(180)				6(...)					
	A	B	C	D	A	B	C	D	A	B	C	D		
23.0	39.7	57	57	34	34	65	45	43	28	(29)	65	24	62	31
	62	22	63	33	(101)	33	33	58	58	22	62	34	64	(258)
26.2	39.7	60	60	31	31	72	42	45	22	(36)	70	19	66	27
	65	16	69	32	(107)	30	30	61	61	16	64	32	69	(252)
29.5	36.8	61	61	29	29	74	41	45	19	(36)	72	15	67	24
	65	11	71	31	(109)	27	27	62	62	11	65	31	72	(250)
32.8	32.2	60	60	27	27	73	39	43	18	(36)	71	14	67	22
	64	10	71	29	(109)	25	25	62	62	9	64	30	71	(250)
39.4	25.1	58	58	25	25	73	37	43	15	(37)	70	11	65	20
	65	7	69	26	(105)	23	23	61	61	7	64	26	69	(254)
45.9	19.8	57	57	24	24	71	35	41	14	(37)	69	9	65	19
	63	5	69	24	(105)	21	21	60	60	5	63	25	69	(254)

52.5	15.7	56	56	23	23	70	34	40	13(37)	68	8	64	18
		62	4	68	23(105)	20	20	59	59	4	62	24	68(254)
59.1	12.3	55	55	22	22	69	33	40	12(37)	67	7	63	17
		62	3	67	23(105)	19	19	58	58	3	61	23	67(254)
65.6	9.7	54	54	22	22	69	32	39	11(37)	66	6	63	17
		61	2	66	22(105)	18	18	58	58	2	60	22	67(254)
72.2	7.7	54	54	21	21	69	32	39	11(37)	66	5	62	16
		60	1	66	21(105)	17	17	57	57	1	60	22	67(254)
78.7	6.2	54	54	20	20	69	31	39	10(38)	66	4	63	15
		60	0	67	21(106)	17	17	57	57	0	60	21	67(253)
85.3	4.9	54	54	20	20	69	30	39	9(38)	67	3	63	14
		59	0	68	19(106)	16	16	58	58	0	58	20	68(253)
91.9	3.5	53	53	19	19	69	30	38	8(38)	66	3	63	14
		58	0	68	19(106)	15	15	57	57	0	58	19	69(253)
98.4	2.4	53	53	19	19	69	29	38	8(38)	66	2	62	14
		58	0	69	18(106)	15	15	57	57	0	57	18	69(253)

 HA=110.2 HI= 29.5 GGW= 12.6 SL= 0.0 MAX(A,B,C,D)= 6.9 6.0 6.6 6.7

Main boom and fixed jib (jib angle 0.0 degrees)

Length of main boom = 114.5 ft Length of jib = 29.5 ft

Main boom sequence = 0-0-0-45-100-100 % LK = 37

Counterweight = 12.6 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
	1(0)		2(...)		3(90)								
	4(...)	5(180)	6(...)										
A B C D	A B C D	A B C D	A B C D										
26.2	38.4	59	59	31	31	70	42	45	23(35)	69	20	65	27
		64	17	68	32(106)	30	30	60	60	17	63	32	68(253)
29.5	35.9	60	60	29	29	73	41	44	20(35)	71	16	66	24
		65	12	70	30(108)	27	27	62	62	12	64	31	71(251)
32.8	31.7	59	59	28	28	73	39	43	18(36)	71	14	66	23
		64	10	70	30(109)	26	26	61	61	10	63	30	71(250)
39.4	24.9	58	58	26	26	72	37	42	16(36)	70	11	65	21
		65	8	69	26(104)	23	23	60	60	8	64	26	69(255)
45.9	19.6	57	57	24	24	71	35	41	14(37)	69	9	64	19
		63	6	68	24(105)	21	21	60	60	6	63	25	68(254)
52.5	15.7	56	56	23	23	70	34	40	13(37)	68	8	64	18
		62	4	68	23(105)	20	20	59	59	4	62	24	68(254)
59.1	12.3	55	55	22	22	69	33	40	12(37)	67	7	63	17
		61	3	67	23(105)	19	19	58	58	3	61	23	67(254)
65.6	9.9	54	54	22	22	69	32	39	11(37)	67	6	63	17
		61	2	67	22(105)	18	18	58	58	2	60	22	67(254)
72.2	7.9	54	54	21	21	69	32	39	10(37)	67	5	63	16
		61	1	67	21(105)	17	17	58	58	1	60	22	67(254)
78.7	6.2	54	54	21	21	69	31	39	10(38)	66	4	62	15
		60	0	67	21(106)	17	17	57	57	0	60	22	67(253)
85.3	4.9	54	54	20	20	69	30	39	9(38)	66	3	63	15
		59	0	68	20(106)	16	16	57	57	0	59	20	68(253)
91.9	3.5	53	53	19	19	69	30	38	9(38)	66	3	62	14
		58	0	68	19(106)	16	16	57	57	0	58	19	68(253)
98.4	2.4	53	53	19	19	69	29	38	8(38)	66	2	62	14
		58	0	68	18(106)	15	15	57	57	0	57	19	69(253)

 HA=114.5 HI= 29.5 GGW= 12.6 SL= 0.0 MAX(A,B,C,D)= 6.8 6.0 6.5 6.6

Main boom and fixed jib (jib angle 0.0 degrees)
 Length of main boom = 124.3 ft Length of jib = 29.5 ft
 Main boom sequence = 0-0-0-90-90-90 % LK = 45
 Counterweight = 12.6 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]								(Pos.[Degrees])				0-360 Degr.					
		1(0)				2(...)				3(90)									
		4(...)				5(180)				6(...)									
A	B	C	D	A	B	C	D	A	B	C	D								
29.5	34.2	59	59	29	29	72	40	45	20	(37)	70	17	65	25					
		64	13	69	30	(107)	27	27	61	61	13	63	31	69	(252)				
32.8	30.0	58	58	28	28	71	40	43	19	(35)	69	15	65	23					
		63	11	69	29	(108)	26	26	60	60	11	62	30	69	(251)				
39.4	23.4	57	57	26	26	70	37	42	17	(36)	68	12	64	21					
		63	9	67	26	(104)	23	23	59	59	9	63	26	68	(255)				
45.9	18.5	56	56	24	24	69	36	41	15	(36)	67	10	63	20					
		63	7	67	24	(104)	22	22	59	59	6	62	25	67	(255)				
52.5	14.8	55	55	23	23	69	34	40	13	(37)	67	8	63	18					
		62	5	67	24	(105)	20	20	58	58	4	61	24	67	(254)				
59.1	11.7	54	54	22	22	69	33	40	12	(37)	67	7	63	17					
		61	4	67	23	(105)	19	19	58	58	3	60	23	67	(254)				
65.6	9.3	54	54	22	22	69	32	39	11	(37)	66	6	63	17					
		61	2	66	22	(105)	18	18	58	58	2	60	22	67	(254)				
72.2	7.3	54	54	21	21	68	32	39	11	(37)	66	5	62	16					
		60	1	66	21	(105)	17	17	57	57	1	60	22	66	(254)				
78.7	5.7	54	54	20	20	69	30	39	9	(38)	66	4	63	15					
		60	0	67	21	(106)	17	17	57	57	0	59	21	67	(253)				
85.3	4.4	54	54	20	20	69	30	39	9	(38)	66	3	63	14					
		59	0	68	19	(106)	16	16	57	57	0	58	20	68	(253)				
91.9	3.1	53	53	19	19	69	30	38	8	(38)	66	2	62	14					
		58	0	68	19	(106)	15	15	57	57	0	58	19	69	(253)				

 HA=124.3 HI= 29.5 GGW= 12.6 SL= 0.0 MAX(A,B,C,D)= 6.7 5.9 6.4 6.4

Main boom and fixed jib (jib angle 0.0 degrees)
 Length of main boom = 130.9 ft Length of jib = 29.5 ft
 Main boom sequence = 0-0-0-100-100-100 % LK = 46
 Counterweight = 12.6 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]								(Pos.[Degrees])				0-360 Degr.					
		1(0)				2(...)				3(90)									
		4(...)				5(180)				6(...)									
A	B	C	D	A	B	C	D	A	B	C	D								
29.5	33.5	58	58	29	29	71	40	44	21	(36)	69	17	64	25					
		63	14	68	30	(107)	28	28	60	60	14	63	31	68	(252)				
32.8	29.3	58	58	28	28	70	40	42	20	(34)	68	15	64	24					
		62	12	68	29	(107)	26	26	60	60	12	62	30	68	(252)				
39.4	22.9	56	56	26	26	69	37	41	17	(35)	67	12	63	22					
		63	9	67	26	(103)	24	24	59	59	9	63	26	67	(256)				
45.9	18.1	55	55	25	25	69	35	41	15	(36)	67	10	63	20					
		62	7	66	25	(104)	22	22	58	58	7	62	25	67	(255)				

52.5	14.3	55	55	24	24	68	34	40	14(36)	66	9	63	19
		61	6	66	24(104)	21	21	58	58	5	61	24	66(255)
59.1	11.5	54	54	22	22	68	33	39	13(37)	66	7	62	18
		61	4	66	23(105)	19	19	58	58	4	60	23	66(254)
65.6	9.0	54	54	22	22	68	32	39	12(37)	66	6	62	17
		60	3	66	22(105)	18	18	57	57	3	60	23	66(254)
72.2	7.3	54	54	21	21	68	32	39	11(37)	66	5	62	16
		60	1	66	21(105)	17	17	57	57	1	60	22	66(254)
78.7	5.5	53	53	21	21	68	31	38	10(37)	66	4	62	15
		60	1	66	21(105)	17	17	57	57	1	59	21	66(254)
85.3	4.2	53	53	20	20	68	30	38	9(38)	66	4	62	15
		59	0	67	20(106)	16	16	57	57	0	58	21	67(253)
91.9	2.9	53	53	20	20	68	30	38	9(38)	65	3	62	14
		58	0	67	20(106)	16	16	57	57	0	58	20	67(253)

HA=130.9 HI= 29.5 GGW= 12.6 SL= 0.0 MAX(A,B,C,D)= 6.6 5.8 6.3 6.3

Main boom and fixed jib (jib angle 0.0 degrees)

Length of main boom = 138.1 ft Length of jib = 29.5 ft

Main boom sequence = 0-0-45-90-90-90 % LK = 54

Counterweight = 12.6 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.
		1(0)		2(...)		3(90)		6(...)		
		4(...)		5(180)		6(...)				
		A	B	C	D	A	B	C	D	
32.8	27.3	56	56	28	28	68	39	43	20(36)	67 16 63 24
		61	13	66	29(107)	26	26	59	59	12 61 30 67(252)
39.4	21.2	55	55	26	26	67	38	40	18(34)	66 13 62 22
		62	10	65	26(102)	24	24	58	58	10 62 26 65(257)
45.9	16.5	54	54	25	25	67	36	40	16(35)	65 11 62 20
		61	8	65	24(103)	22	22	57	57	8 61 25 65(256)
52.5	13.0	54	54	24	24	67	34	39	14(36)	65 9 62 19
		60	6	65	24(104)	21	21	57	57	6 60 24 65(255)
59.1	10.1	53	53	23	23	67	33	39	13(36)	65 8 62 18
		60	5	65	23(104)	19	19	57	57	4 60 23 65(255)
65.6	7.9	53	53	22	22	67	33	38	12(36)	65 6 62 17
		60	3	65	22(104)	18	18	57	57	3 59 22 65(255)
72.2	6.0	53	53	21	21	67	31	38	11(37)	65 6 61 16
		59	2	65	22(105)	18	18	56	56	2 59 22 65(254)
78.7	4.4	52	52	21	21	67	31	38	11(37)	65 5 61 16
		59	1	65	21(105)	17	17	56	56	1 59 21 65(254)
85.3	3.1	52	52	20	20	67	30	38	10(37)	65 4 62 15
		59	0	65	21(105)	16	16	56	56	0 59 21 65(254)

HA=138.1 HI= 29.5 GGW= 12.6 SL= 0.0 MAX(A,B,C,D)= 6.3 5.7 6.2 6.2

Main boom and fixed jib (jib angle 0.0 degrees)

Length of main boom = 145.0 ft Length of jib = 29.5 ft

Main boom sequence = 0-0-45-100-100-100 % LK = 55

Counterweight = 12.6 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.
		1(0)		2(...)		3(90)				

	4(...)				5(180)				6(...)					
	A	B	C	D	A	B	C	D	A	B	C	D		
32.8	26.7	56	56	29	29	67	39	42	21	(35)	66	16	62	24
	61	13	65	29	(106)	26	26	58	58	13	60	30	66	(253)
39.4	20.7	55	55	27	27	67	38	40	18	(34)	65	13	62	22
	60	10	65	28	(107)	24	24	58	58	10	59	28	66	(252)
45.9	16.1	54	54	25	25	66	36	40	16	(35)	65	11	61	21
	60	9	64	25	(103)	22	22	57	57	8	60	25	65	(256)
52.5	12.8	54	54	24	24	66	35	39	15	(35)	65	9	61	19
	60	6	65	24	(103)	21	21	57	57	6	60	24	65	(256)
59.1	9.9	53	53	23	23	66	33	39	14	(36)	64	8	61	18
	60	5	65	23	(104)	20	20	56	56	5	59	23	65	(255)
65.6	7.7	53	53	22	22	66	33	38	13	(36)	64	7	61	17
	59	4	65	22	(104)	19	19	56	56	4	59	22	65	(255)
72.2	6.0	53	53	21	21	67	31	38	11	(37)	65	6	61	17
	59	2	65	22	(105)	18	18	56	56	2	59	22	65	(254)
78.7	4.2	52	52	21	21	66	31	38	11	(37)	64	5	61	16
	58	2	65	21	(105)	17	17	56	56	2	58	22	65	(254)
85.3	2.9	52	52	21	21	66	30	38	10	(37)	64	4	61	15
	58	1	65	21	(105)	17	17	56	56	1	58	21	65	(254)

HA=145.0 HI= 29.5 GGW= 12.6 SL= 0.0 MAX(A,B,C,D)= 6.2 5.6 6.1 6.1

Main boom and fixed jib (jib angle 0.0 degrees)
Length of main boom = 152.2 ft Length of jib = 29.5 ft
Main boom sequence = 0-0-90-90-90-90 % LK = 62
Counterweight = 12.6 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.					
	1(0)		2(...)		3(90)		4(...)							
	A	B	C	D	A	B	C	D	A	B	C	D		
39.4	19.2	54	54	27	27	65	38	40	19	(33)	64	14	61	23
	59	11	64	28	(106)	24	24	57	57	11	58	28	64	(253)
45.9	14.8	53	53	25	25	65	36	39	17	(34)	63	12	60	21
	60	9	63	25	(102)	22	22	56	56	9	60	25	63	(257)
52.5	11.5	53	53	24	24	65	34	39	15	(35)	63	10	60	20
	59	7	63	24	(103)	21	21	56	56	7	59	24	64	(256)
59.1	8.8	52	52	23	23	65	34	38	14	(35)	63	8	60	19
	59	6	63	23	(103)	20	20	56	56	5	59	23	64	(256)
65.6	6.6	52	52	22	22	65	32	38	13	(36)	63	7	60	18
	58	4	64	22	(104)	19	19	56	56	4	58	23	64	(255)
72.2	4.9	52	52	22	22	65	32	38	12	(36)	63	6	60	17
	58	3	64	22	(104)	18	18	56	56	3	58	22	64	(255)
78.7	3.3	52	52	21	21	65	31	37	11	(36)	63	5	60	16
	58	2	64	21	(104)	17	17	56	56	2	58	21	64	(255)

HA=152.2 HI= 29.5 GGW= 12.6 SL= 0.0 MAX(A,B,C,D)= 6.1 5.5 6.0 6.0

Main boom and fixed jib (jib angle 0.0 degrees)
Length of main boom = 161.4 ft Length of jib = 29.5 ft
Main boom sequence = 0-0-100-100-100-100 % LK = 63
Counterweight = 12.6 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.					
	1(0)				2(...)				3(90)					
	4(...)				5(180)				6(...)					
	A	B	C	D	A	B	C	D	A	B	C	D		
39.4 18.5	53	53	27	27	64	38	39	19	32	63	14	60	23	
	58	11	63	28	106	24	24	56	56	11	58	28	63	253
45.9 14.3	53	53	26	26	64	36	39	17	33	63	12	60	21	
	60	10	63	24	101	22	22	56	56	9	59	25	63	258
52.5 11.0	52	52	24	24	64	35	38	16	34	63	10	60	20	
	59	8	63	24	102	21	21	56	56	7	59	24	63	257
59.1 8.4	52	52	23	23	64	34	38	15	35	63	9	60	19	
	58	6	63	23	103	20	20	55	55	6	58	23	63	256
65.6 6.2	51	51	23	23	64	33	37	14	35	62	8	60	18	
	58	5	63	22	103	19	19	55	55	5	58	23	63	256
72.2 4.4	51	51	22	22	64	32	37	13	35	63	7	60	17	
	58	4	63	22	103	18	18	55	55	4	58	22	63	256
78.7 2.9	51	51	21	21	64	31	37	12	36	62	6	60	17	
	58	3	63	21	104	17	17	55	55	3	57	22	63	255

HA=161.4 HI= 29.5 GGW= 12.6 SL= 0.0 MAX(A,B,C,D)= 6.0 5.5 5.9 5.9

Main boom and fixed jib (jib angle 0.0 degrees)

Length of main boom = 166.0 ft Length of jib = 29.5 ft

Main boom sequence = 0-45-90-90-90-90 % LK = 68

Counterweight = 12.6 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.					
	1(0)				2(...)				3(90)					
	4(...)				5(180)				6(...)					
	A	B	C	D	A	B	C	D	A	B	C	D		
39.4 16.8	52	52	27	27	63	38	39	20	32	62	15	59	23	
	57	12	62	28	105	24	24	55	55	12	57	28	62	254
45.9 12.8	52	52	26	26	63	36	38	18	33	62	12	59	22	
	59	10	62	25	101	22	22	55	55	10	58	25	62	258
52.5 9.5	51	51	24	24	63	35	37	16	33	62	11	59	20	
	58	8	62	24	101	21	21	55	55	8	58	24	62	258
59.1 7.1	51	51	23	23	63	34	37	15	34	62	9	59	19	
	58	6	62	23	102	20	20	55	55	6	58	23	62	257
65.6 4.9	51	51	23	23	63	33	37	14	35	62	8	59	18	
	57	5	62	22	103	19	19	54	54	5	57	23	62	256
72.2 3.1	50	50	22	22	63	32	37	13	35	62	7	59	17	
	57	4	62	22	103	18	18	54	54	4	57	22	62	256

HA=166.0 HI= 29.5 GGW= 12.6 SL= 0.0 MAX(A,B,C,D)= 5.9 5.4 5.8 5.8

Main boom and fixed jib (jib angle 0.0 degrees)

Length of main boom = 175.5 ft Length of jib = 29.5 ft

Main boom sequence = 0-45-100-100-100-100 % LK = 69

Counterweight = 12.6 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.			
	1(0)				2(...)				3(90)			
	4(...)				5(180)				6(...)			
	A	B	C	D	A	B	C	D	A	B	C	D

45.9 12.3 51 51 26 26 62 36 38 18(32) 61 13 59 22
 58 11 61 25(100) 23 23 55 55 11 58 25 61(259)
 52.5 9.3 51 51 25 25 62 35 37 17(33) 61 11 59 21
 58 9 61 24(101) 21 21 54 54 9 58 24 61(258)
 59.1 6.6 50 50 24 24 62 34 37 15(34) 61 10 58 20
 57 7 61 23(102) 20 20 54 54 7 57 23 61(257)
 65.6 4.6 50 50 23 23 62 33 37 14(34) 61 9 59 19
 57 6 62 22(102) 19 19 54 54 6 57 22 62(257)
 72.2 2.9 50 50 22 22 63 32 37 13(35) 61 7 59 18
 57 5 62 22(103) 18 18 54 54 4 56 22 62(256)

 HA=175.5 HI= 29.5 GGW= 12.6 SL= 0.0 MAX(A,B,C,D)= 5.8 5.4 5.7 5.7

HA=175.5 HI= 29.5 GGW= 12.6 SL= 0.0 MAX(A,B,C,D)= 0.0 0.0 0.0 0.0

HA=175.5 HI= 29.5 GGW= 12.6 SL= 0.0 MAX(A,B,C,D)= 0.0 0.0 0.0 0.0

HA=175.5 HI= 29.5 GGW= 12.6 SL= 0.0 MAX(A,B,C,D)= 0.0 0.0 0.0 0.0

HA=175.5 HI= 29.5 GGW= 12.6 SL= 0.0 MAX(A,B,C,D)= 0.0 0.0 0.0 0.0

HA=175.5 HI= 29.5 GGW= 12.6 SL= 0.0 MAX(A,B,C,D)= 0.0 0.0 0.0 0.0

HA=175.5 HI= 29.5 GGW= 12.6 SL= 0.0 MAX(A,B,C,D)= 0.0 0.0 0.0 0.0

Programm L A M O S 9 9 Version 1.08 vom 29.09.02

14.10.2003, 15:35:12

Eingabedatei: ilam.dat

Festdatei : /berechnung/tabellen/zentraledaten/lamosfd-ac/200-1.99dat

Tabellendat.: /berechnung/tabellen/ac/ac200-1/serie_3/pc_tab/22137012_tab.txt

H

DEMAG Mobile Cranes

O U T R I G G E R - L O A D I N G S

(Variance = +-10%)

PSI= 1.00

Crane : *** AC 200-1 *** mit HKHI fuer GA und MS

 Outrigger width = 18.7 ft Outrigger length = 27.7 ft
 Outrigger "A" X = 12.0 ft Outrigger "A" Y = 9.4 ft
 Outrigger "B" X = 12.0 ft Outrigger "B" Y = -9.4 ft
 Outrigger "C" X = -15.7 ft Outrigger "C" Y = 9.4 ft
 Outrigger "D" X = -15.7 ft Outrigger "D" Y = -9.4 ft

Main boom and fixed jib (jib angle 20.0 degrees)

Length of main boom = 40.7 ft Length of jib = 29.5 ft

Main boom sequence = 0-0-0-0-0-0 % LK = 1

Counterweight = 12.6 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.
	1(0)	2(...)			3(90)				
	4(...)	5(180)			6(...)				
	A B C D	A B C D	A B C D	A B C D	A B C D	A B C D			

16.4	34.2	45	45	43	43	47	41	46	41(59)	47	39	48	42
		45	39	49	44(128)	41	41	47	47	39	45	44	49(232)
19.7	31.5	47	47	40	40	51	38	47	37(59)	49	35	50	39
		45	34	51	43(128)	38	38	49	49	34	45	43	51(232)
23.0	29.3	48	48	38	38	54	36	47	34(59)	52	31	52	36
		52	31	52	36(90)	35	35	50	50	31	52	36	52(270)
26.2	27.6	49	49	35	35	52	46	38	33(12)	55	28	54	33
		55	28	54	33(90)	33	33	52	52	28	55	33	54(270)
29.5	25.8	50	50	33	33	56	44	39	29(22)	57	24	56	31
		56	24	56	31(94)	31	31	53	53	23	56	32	56(265)
32.8	24.3	52	52	31	31	59	41	39	26(28)	60	21	57	28
		57	20	59	30(99)	29	29	54	54	19	57	30	59(260)
39.4	21.8	54	54	28	28	65	38	40	20(33)	64	15	61	23
		59	12	64	28(106)	25	25	57	57	12	59	29	64(253)
45.9	19.8	57	57	24	24	71	35	41	14(37)	69	9	64	19
		63	6	68	24(105)	21	21	60	60	6	63	25	68(254)
52.5	15.2	56	56	23	23	70	34	40	13(37)	68	7	64	18
		62	4	68	23(105)	20	20	59	59	4	62	24	68(254)

HA= 40.7 HI= 29.5 GGW= 12.6 SL= 0.0 MAX(A,B,C,D)= 6.6 5.8 6.3 6.3

Main boom and fixed jib (jib angle 20.0 degrees)

Length of main boom = 54.5 ft Length of jib = 29.5 ft

Main boom sequence = 0-0-0-0-0-45 % LK = 7

Counterweight = 12.6 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
	1(0)		2(...)		3(90)		6(...)						
	A	B	C	D	A	B	C	D					
19.7	33.1	47	47	40	40	52	39	47	37(59)	50	35	50	39
		46	34	52	43(128)	38	38	49	49	34	46	43	52(232)
23.0	31.1	49	49	38	38	55	36	48	34(59)	53	31	52	36
		53	31	52	36(90)	36	36	51	51	31	53	36	52(270)
26.2	29.1	50	50	35	35	53	46	38	33(14)	56	28	54	33
		56	28	54	33(90)	33	33	52	52	28	56	33	54(270)
29.5	27.8	52	52	33	33	58	44	39	29(24)	58	24	57	30
		57	23	58	32(96)	31	31	54	54	23	57	32	58(263)
32.8	26.2	53	53	31	31	61	41	40	25(29)	61	21	58	28
		58	19	60	30(100)	29	29	55	55	19	58	30	60(259)
39.4	23.8	55	55	28	28	67	39	41	19(33)	65	15	62	23
		60	11	65	29(107)	25	25	58	58	11	60	29	66(252)
45.9	21.2	57	57	24	24	71	36	42	15(37)	69	10	65	20
		63	6	68	25(105)	22	22	60	60	6	63	25	69(254)
52.5	16.5	56	56	23	23	70	34	41	13(37)	68	8	64	19
		62	5	67	24(105)	21	21	59	59	5	62	24	68(254)
59.1	13.0	55	55	22	22	69	33	40	12(37)	67	7	63	17
		61	4	67	23(105)	19	19	58	58	4	61	23	67(254)
65.6	10.1	54	54	22	22	69	32	39	11(37)	66	6	63	17
		61	2	67	22(105)	18	18	58	58	2	60	22	67(254)

HA= 54.5 HI= 29.5 GGW= 12.6 SL= 0.0 MAX(A,B,C,D)= 6.6 5.9 6.3 6.4

Main boom and fixed jib (jib angle 20.0 degrees)

Length of main boom = 68.6 ft Length of jib = 29.5 ft
 Main boom sequence = 0-0-0-0-0-90 % LK = 13
 Counterweight = 12.6 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]								(Pos.[Degrees])				0-360 Degr.	
		1(0)				2(...)				3(90)					
		A	B	C	D	A	B	C	D	A	B	C	D		
23.0	31.7	49	49	38	38	55	36	48	34	(59)	53	32	53	36	
		53	32	53	36	(90)	36	36	51	51	32	53	36	53	(270)
26.2	30.2	50	50	35	35	54	47	39	33	(15)	56	28	55	33	
		56	28	55	33	(90)	34	34	52	52	28	56	33	55	(270)
29.5	28.7	52	52	34	34	58	44	40	29	(24)	59	24	57	30	
		58	23	58	32	(96)	31	31	54	54	23	58	32	58	(263)
32.8	27.6	53	53	31	31	62	41	41	25	(30)	62	21	59	28	
		59	19	61	30	(101)	29	29	56	56	19	59	31	61	(258)
39.4	25.4	56	56	27	27	68	39	41	19	(34)	67	14	63	23	
		61	11	67	28	(107)	25	25	59	59	11	61	29	67	(252)
45.9	22.0	57	57	25	25	71	36	42	15	(37)	69	10	65	20	
		64	7	69	25	(105)	22	22	60	60	6	63	26	69	(254)
52.5	17.4	56	56	24	24	70	35	41	14	(37)	68	9	64	19	
		62	5	67	24	(105)	21	21	59	59	5	62	24	68	(254)
59.1	13.7	55	55	23	23	69	34	39	13	(36)	66	8	63	18	
		61	5	66	23	(104)	20	20	58	58	5	61	23	66	(255)
65.6	11.0	54	54	22	22	68	33	39	12	(37)	66	7	62	17	
		61	3	66	23	(105)	19	19	58	58	3	60	23	66	(254)
72.2	8.8	54	54	21	21	68	32	39	11	(37)	66	6	62	17	
		60	2	66	22	(105)	18	18	57	57	2	60	22	66	(254)
78.7	7.1	54	54	21	21	69	32	39	10	(37)	66	5	62	15	
		60	1	66	21	(105)	17	17	57	57	1	60	21	67	(254)
85.3	5.5	54	54	20	20	69	30	39	9	(38)	67	3	63	15	
		59	0	68	20	(106)	16	16	58	58	0	59	20	68	(253)

HA= 68.6 HI= 29.5 GGW= 12.6 SL= 0.0 MAX(A,B,C,D)= 6.6 5.9 6.4 6.4

Main boom and fixed jib (jib angle 20.0 degrees)

Length of main boom = 70.2 ft Length of jib = 29.5 ft
 Main boom sequence = 0-0-0-0-0-100 % LK = 14
 Counterweight = 12.6 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]								(Pos.[Degrees])				0-360 Degr.	
		1(0)				2(...)				3(90)					
		A	B	C	D	A	B	C	D	A	B	C	D		
23.0	32.0	49	49	38	38	55	36	48	34	(59)	54	32	53	36	
		54	32	53	36	(90)	36	36	51	51	32	54	36	53	(270)
26.2	30.0	50	50	36	36	53	47	39	33	(14)	56	28	55	33	
		56	28	55	33	(90)	34	34	52	52	28	56	33	55	(270)
29.5	28.0	51	51	34	34	57	44	39	30	(22)	58	25	56	31	
		57	24	57	32	(94)	32	32	53	53	24	57	32	57	(265)
32.8	26.2	52	52	32	32	60	42	40	26	(28)	60	22	58	29	
		58	20	59	31	(99)	30	30	54	54	20	58	31	60	(260)
39.4	23.4	54	54	28	28	65	38	41	21	(34)	64	16	61	24	
		59	13	64	29	(105)	26	26	57	57	13	59	29	64	(254)

45.9	20.7	56	56	26	26	69	37	41	17(35)	67	12	63	21
		62	9	66	25(103)	23	23	58	58	9	62	26	66(256)
52.5	17.4	56	56	24	24	70	35	41	14(37)	68	9	64	19
		62	6	67	24(105)	21	21	59	59	5	62	25	67(254)
59.1	13.9	55	55	23	23	69	34	40	13(37)	67	8	63	18
		61	4	67	23(105)	20	20	58	58	4	61	24	67(254)
65.6	11.0	54	54	22	22	68	33	39	12(37)	66	7	62	17
		60	4	66	23(105)	19	19	57	57	3	60	23	66(254)
72.2	9.0	54	54	21	21	69	32	39	11(37)	66	6	63	16
		61	2	66	22(105)	18	18	58	58	2	60	22	67(254)
78.7	7.1	54	54	21	21	68	32	39	11(37)	66	5	62	16
		60	1	66	21(105)	17	17	57	57	1	60	22	66(254)
85.3	5.7	54	54	20	20	69	30	39	9(38)	67	3	63	15
		60	0	68	20(106)	16	16	58	58	0	59	20	68(253)

 HA= 70.2 HI= 29.5 GGW= 12.6 SL= 0.0 MAX(A,B,C,D)= 6.5 5.8 6.3 6.3

Main boom and fixed jib (jib angle 20.0 degrees)

Length of main boom = 82.3 ft Length of jib = 29.5 ft
 Main boom sequence = 0-0-0-0-45-90 % LK = 20
 Counterweight = 12.6 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.			
		1(0)		2(...)		3(90)		6(...)					
		4(...)		5(180)		6(...)							
		A	B	C	D	A	B	C	D				
26.2	31.1	51	51	35	35	55	46	39	32(17)	57	27	56	33
		57	27	56	33(90)	33	33	53	53	27	57	33	56(269)
29.5	29.8	53	53	33	33	60	44	40	28(26)	60	24	58	30
		58	22	59	32(98)	31	31	55	55	22	58	32	59(261)
32.8	28.4	54	54	31	31	63	41	41	24(31)	63	20	60	28
		60	18	62	30(102)	29	29	56	56	18	59	31	62(257)
39.4	26.2	57	57	27	27	70	39	42	18(35)	68	14	64	22
		62	10	68	28(108)	25	25	59	59	10	61	29	68(251)
45.9	22.3	57	57	25	25	72	36	42	15(37)	69	10	65	20
		64	7	69	25(105)	22	22	60	60	6	63	26	69(254)
52.5	17.4	56	56	24	24	70	35	40	14(36)	67	9	63	19
		62	6	67	24(104)	21	21	59	59	6	62	24	67(255)
59.1	13.9	55	55	23	23	69	34	39	13(36)	67	8	63	18
		62	5	66	23(104)	20	20	58	58	5	61	24	67(255)
65.6	11.2	54	54	22	22	69	33	39	12(37)	66	7	63	17
		61	3	66	23(105)	19	19	58	58	3	60	23	67(254)
72.2	9.0	54	54	22	22	68	32	39	11(37)	66	6	62	17
		60	2	66	22(105)	18	18	57	57	2	60	22	66(254)
78.7	7.3	54	54	21	21	68	32	39	11(37)	66	5	62	16
		60	1	66	21(105)	17	17	57	57	1	60	22	66(254)
85.3	5.7	53	53	20	20	69	30	39	10(38)	66	4	62	15
		60	0	67	21(106)	17	17	57	57	0	59	21	67(253)
91.9	4.4	53	53	20	20	69	30	38	9(38)	66	3	62	14
		59	0	68	20(106)	16	16	57	57	0	58	20	68(253)
98.4	3.1	53	53	19	19	69	30	38	8(38)	66	2	62	14
		58	0	68	19(106)	15	15	57	57	0	57	19	69(253)

 HA= 82.3 HI= 29.5 GGW= 12.6 SL= 0.0 MAX(A,B,C,D)= 6.7 5.9 6.4 6.4

 Main boom and fixed jib (jib angle 20.0 degrees)
 Length of main boom = 84.0 ft Length of jib = 29.5 ft
 Main boom sequence = 0-0-0-0-45-100 % LK = 21
 Counterweight = 12.6 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]								(Pos.[Degrees])				0-360 Degr.					
		1(0)				2(...)				3(90)									
		4(...)				5(180)				6(...)									
A	B	C	D	A	B	C	D	A	B	C	D								
26.2	30.9	51	51	35	35	55	47	39	33	(16)	57	28	55	33					
		57	28	55	33	(90)	34	34	53	53	28	57	33	55	(270)				
29.5	29.1	52	52	33	33	58	44	40	29	(24)	59	24	57	30					
		58	23	58	32	(96)	31	31	54	54	23	58	32	58	(263)				
32.8	27.6	53	53	31	31	62	41	41	25	(30)	62	21	59	28					
		59	19	61	31	(101)	29	29	56	56	19	59	31	61	(258)				
39.4	24.5	55	55	28	28	66	39	41	20	(33)	65	15	62	24					
		60	12	65	29	(106)	26	26	58	58	12	60	29	65	(253)				
45.9	22.0	57	57	25	25	71	37	41	15	(36)	69	10	65	20					
		64	7	68	25	(104)	22	22	60	60	7	63	25	68	(255)				
52.5	17.6	56	56	24	24	70	35	41	14	(37)	68	9	64	19					
		62	6	67	24	(105)	21	21	59	59	5	62	25	68	(254)				
59.1	13.9	55	55	23	23	68	34	39	13	(36)	66	8	63	18					
		61	5	66	23	(104)	20	20	58	58	5	61	24	66	(255)				
65.6	11.2	54	54	22	22	68	33	39	12	(37)	66	7	62	17					
		60	4	66	23	(105)	19	19	58	58	4	60	23	66	(254)				
72.2	9.0	54	54	22	22	68	32	39	12	(37)	66	6	62	17					
		60	3	66	22	(105)	18	18	57	57	2	60	22	66	(254)				
78.7	7.3	54	54	21	21	68	32	39	11	(37)	66	5	62	16					
		60	2	66	21	(105)	17	17	57	57	1	60	22	66	(254)				
85.3	6.0	54	54	20	20	69	30	39	9	(38)	66	4	63	15					
		60	0	67	21	(106)	17	17	57	57	0	59	21	67	(253)				
91.9	4.6	54	54	20	20	69	30	39	9	(38)	67	3	63	14					
		59	0	68	19	(106)	16	16	58	58	0	58	19	69	(253)				
98.4	3.3	53	53	19	19	69	30	38	8	(38)	66	2	63	14					
		58	0	69	18	(106)	15	15	57	57	0	57	19	69	(253)				

 HA= 84.0 HI= 29.5 GGW= 12.6 SL= 0.0 MAX(A,B,C,D)= 6.6 5.9 6.4 6.4

Main boom and fixed jib (jib angle 20.0 degrees)
 Length of main boom = 96.5 ft Length of jib = 29.5 ft
 Main boom sequence = 0-0-0-0-90-90 % LK = 28
 Counterweight = 12.6 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]								(Pos.[Degrees])				0-360 Degr.					
		1(0)				2(...)				3(90)									
		4(...)				5(180)				6(...)									
A	B	C	D	A	B	C	D	A	B	C	D								
29.5	30.0	53	53	33	33	60	44	40	28	(26)	60	24	58	30					
		59	22	59	32	(98)	31	31	55	55	22	58	32	60	(261)				
32.8	28.9	54	54	31	31	64	41	42	24	(32)	63	20	60	27					
		60	18	63	31	(103)	29	29	57	57	17	60	31	63	(256)				
39.4	26.9	58	58	27	27	71	39	42	18	(35)	69	13	65	22					
		64	10	68	26	(103)	24	24	60	60	10	64	27	68	(256)				

45.9	22.5	58	58	25	25	72	36	42	15(37)	70	10	65	20
	64	6	69	25(105)	22	22	60	60	6	63	25	69(254)	
52.5	17.6	56	56	24	24	70	35	41	14(37)	68	9	64	19
	62	6	67	24(105)	21	21	59	59	5	62	25	68(254)	
59.1	14.1	55	55	23	23	69	34	40	13(37)	67	8	63	18
	61	4	67	23(105)	20	20	58	58	4	61	24	67(254)	
65.6	11.2	54	54	22	22	68	33	39	13(37)	66	7	62	18
	60	4	66	23(105)	19	19	58	58	4	60	23	66(254)	
72.2	9.0	54	54	22	22	68	32	39	12(37)	66	6	62	17
	60	3	66	22(105)	18	18	57	57	3	60	23	66(254)	
78.7	7.3	53	53	21	21	68	32	39	11(37)	66	5	62	16
	60	2	66	22(105)	17	17	57	57	2	60	22	66(254)	
85.3	6.0	54	54	20	20	69	30	39	10(38)	66	4	62	15
	60	0	67	21(106)	17	17	57	57	0	59	22	67(253)	
91.9	4.6	53	53	20	20	69	30	39	9(38)	66	3	63	15
	59	0	67	20(106)	16	16	57	57	0	58	20	68(253)	
98.4	3.3	53	53	19	19	68	30	38	9(38)	66	3	62	14
	58	0	67	19(106)	16	16	57	57	0	58	19	68(253)	
105.0	2.2	53	53	19	19	68	29	38	8(38)	66	2	62	14
	58	0	68	18(106)	15	15	57	57	0	57	19	68(253)	

HA= 96.5 HI= 29.5 GGW= 12.6 SL= 0.0 MAX(A,B,C,D)= 6.7 5.9 6.4 6.4

Main boom and fixed jib (jib angle 20.0 degrees)

Length of main boom = 100.4 ft Length of jib = 29.5 ft

Main boom sequence = 0-0-0-0-100-100 % LK = 29

Counterweight = 12.6 kip

Radius Cap. [ft]	Cap. [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.			
		1(0)		2(...)		3(90)		6(...)					
		4(...)		5(180)		6(...)							
		A	B	C	D	A	B	C	D				
29.5	29.3	52	52	33	33	59	44	40	29(25)	60	24	57	30
	58	23	59	32(97)	31	31	54	54	23	58	32	59(262)	
32.8	27.8	54	54	31	31	62	42	41	25(30)	62	21	59	28
	59	19	61	31(101)	29	29	56	56	19	59	31	61(258)	
39.4	25.1	56	56	28	28	67	39	41	19(34)	66	15	62	23
	61	12	66	29(107)	25	25	58	58	11	60	29	66(252)	
45.9	22.5	58	58	25	25	72	36	42	15(37)	69	10	65	20
	64	7	69	25(105)	22	22	60	60	6	63	26	69(254)	
52.5	17.6	56	56	24	24	70	35	40	14(36)	68	9	64	19
	63	6	67	24(104)	21	21	59	59	6	62	24	67(255)	
59.1	14.1	55	55	23	23	69	34	40	13(36)	67	8	63	18
	62	5	66	23(104)	20	20	58	58	5	61	24	67(255)	
65.6	11.5	54	54	22	22	69	33	39	12(37)	66	7	63	17
	61	4	66	23(105)	19	19	58	58	3	60	23	67(254)	
72.2	9.3	54	54	22	22	68	32	39	11(37)	66	6	62	17
	60	2	66	22(105)	18	18	57	57	2	60	22	66(254)	
78.7	7.5	54	54	21	21	68	32	39	11(37)	66	5	62	16
	60	2	66	21(105)	17	17	57	57	1	60	22	66(254)	
85.3	6.0	53	53	21	21	68	31	38	10(37)	66	4	62	15
	60	1	66	21(105)	17	17	57	57	0	60	21	66(254)	
91.9	4.9	54	54	20	20	69	30	39	9(38)	67	3	63	14
	59	0	68	19(106)	16	16	58	58	0	58	20	69(253)	

98.4 3.5 53 53 19 19 69 30 38 8(38) 66 3 62 14
 58 0 68 19(106) 15 15 57 57 0 58 19 68(253)
 105.0 2.4 53 53 19 19 69 29 38 8(38) 66 2 62 14
 58 0 69 18(106) 15 15 57 57 0 57 18 69(253)

 HA=100.4 HI= 29.5 GGW= 12.6 SL= 0.0 MAX(A,B,C,D)= 6.7 5.9 6.4 6.4

Main boom and fixed jib (jib angle 20.0 degrees)
 Length of main boom = 110.2 ft Length of jib = 29.5 ft
 Main boom sequence = 0-0-0-45-90-90 % LK = 36
 Counterweight = 12.6 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.			
		1(0)		2(...)		3(90)		6(...)					
A	B	C	D	A	B	C	D	A	B	C	D		
32.8	29.3	55	55	30	30	65	41	42	23(33)	64	19	61	27
		60	17	64	30(104)	28	28	57	57	17	60	31	64(255)
39.4	27.6	59	59	26	26	72	38	43	17(36)	70	12	66	21
		65	9	69	26(104)	24	24	61	61	9	65	27	69(255)
45.9	22.0	57	57	25	25	72	36	42	15(37)	69	10	65	20
		64	6	69	25(105)	22	22	60	60	6	63	25	69(254)
52.5	17.2	56	56	24	24	70	35	41	14(37)	68	9	63	19
		62	6	67	24(105)	21	21	59	59	5	62	24	67(254)
59.1	13.7	55	55	23	23	69	34	40	13(37)	67	8	63	18
		61	4	67	23(105)	20	20	58	58	4	61	24	67(254)
65.6	11.0	54	54	22	22	69	33	39	12(37)	66	7	63	17
		61	3	66	23(105)	19	19	58	58	3	60	23	67(254)
72.2	8.8	54	54	22	22	68	32	39	11(37)	66	6	62	17
		60	2	66	22(105)	18	18	57	57	2	60	22	66(254)
78.7	7.1	54	54	21	21	68	32	39	11(37)	66	5	62	16
		60	1	66	21(105)	17	17	57	57	1	60	22	66(254)
85.3	5.7	54	54	20	20	69	30	39	9(38)	66	4	63	15
		60	0	67	21(106)	16	16	58	58	0	59	21	68(253)
91.9	4.2	53	53	20	20	68	30	38	9(38)	66	3	62	15
		59	0	67	20(106)	16	16	57	57	0	58	20	67(253)
98.4	3.1	53	53	19	19	69	30	38	8(38)	66	2	62	14
		58	0	68	19(106)	15	15	57	57	0	58	19	68(253)

 HA=110.2 HI= 29.5 GGW= 12.6 SL= 0.0 MAX(A,B,C,D)= 6.7 6.0 6.4 6.5

Main boom and fixed jib (jib angle 20.0 degrees)
 Length of main boom = 114.5 ft Length of jib = 29.5 ft
 Main boom sequence = 0-0-0-45-100-100 % LK = 37
 Counterweight = 12.6 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.			
		1(0)		2(...)		3(90)		6(...)					
A	B	C	D	A	B	C	D	A	B	C	D		
32.8	28.0	54	54	31	31	63	41	41	24(31)	62	20	60	28
		59	18	62	30(102)	29	29	56	56	18	59	31	62(257)
39.4	25.6	56	56	27	27	69	39	41	19(34)	67	14	63	23
		61	11	67	29(108)	25	25	59	59	10	61	29	67(251)

45.9	22.0	57	57	25	25	72	36	42	15(37)	69	10	65	20
		64	6	69	25(105)	22	22	60	60	6	63	25	69(254)
52.5	17.4	56	56	24	24	70	35	41	14(37)	68	9	64	19
		62	5	68	24(105)	21	21	59	59	5	62	24	68(254)
59.1	13.7	55	55	23	23	69	34	39	13(36)	67	8	63	18
		62	5	66	23(104)	20	20	58	58	5	61	24	66(255)
65.6	11.0	54	54	22	22	68	33	39	12(37)	66	7	62	17
		61	4	66	23(105)	19	19	58	58	3	60	23	66(254)
72.2	8.8	54	54	22	22	68	32	39	12(37)	66	6	62	17
		60	2	66	22(105)	18	18	57	57	2	60	22	66(254)
78.7	7.1	53	53	21	21	68	32	39	11(37)	66	5	62	16
		60	2	66	21(105)	17	17	57	57	1	60	22	66(254)
85.3	5.7	54	54	20	20	69	30	39	9(38)	66	4	63	15
		60	0	67	21(106)	17	17	57	57	0	59	21	67(253)
91.9	4.4	53	53	20	20	69	30	39	9(38)	66	3	63	14
		59	0	68	20(106)	16	16	57	57	0	58	20	68(253)
98.4	3.1	53	53	19	19	68	30	38	9(38)	66	3	62	14
		58	0	67	19(106)	16	16	57	57	0	58	19	68(253)

 HA=114.5 HI= 29.5 GGW= 12.6 SL= 0.0 MAX(A,B,C,D)= 6.7 5.9 6.4 6.4

Main boom and fixed jib (jib angle 20.0 degrees)

Length of main boom = 124.3 ft Length of jib = 29.5 ft

Main boom sequence = 0-0-0-90-90-90 % LK = 45

Counterweight = 12.6 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
	1(0)		2(...)		3(90)		6(...)						
	A	B	C	D	A	B	C	D					
39.4	26.0	57	57	27	27	70	38	42	18(35)	68	13	64	22
		64	10	67	26(103)	24	24	60	60	10	64	27	67(256)
45.9	20.7	56	56	25	25	70	36	41	16(36)	68	11	64	21
		63	8	67	25(104)	22	22	59	59	7	62	26	67(255)
52.5	16.8	56	56	24	24	69	35	40	14(36)	67	9	63	19
		62	6	67	24(104)	21	21	58	58	6	62	24	67(255)
59.1	13.4	55	55	23	23	69	34	40	13(37)	67	8	63	18
		61	4	67	23(105)	20	20	58	58	4	61	24	67(254)
65.6	10.8	54	54	22	22	69	33	39	12(37)	66	7	63	17
		61	3	67	22(105)	19	19	58	58	3	60	23	67(254)
72.2	8.6	54	54	21	21	68	32	39	11(37)	66	6	62	16
		60	2	66	22(105)	18	18	57	57	2	60	22	67(254)
78.7	6.8	54	54	21	21	69	32	39	10(37)	66	5	62	16
		60	1	66	21(105)	17	17	57	57	1	60	22	67(254)
85.3	5.3	53	53	20	20	69	30	39	9(38)	66	4	62	15
		60	0	67	21(106)	16	16	57	57	0	59	21	67(253)
91.9	4.0	53	53	20	20	69	30	38	9(38)	66	3	62	14
		59	0	67	20(106)	16	16	57	57	0	58	20	68(253)
98.4	2.6	53	53	19	19	68	30	38	9(38)	65	3	62	14
		58	0	67	19(106)	15	15	57	57	0	57	19	68(253)

 HA=124.3 HI= 29.5 GGW= 12.6 SL= 0.0 MAX(A,B,C,D)= 6.5 5.9 6.3 6.3

Main boom and fixed jib (jib angle 20.0 degrees)

Length of main boom = 130.9 ft Length of jib = 29.5 ft
 Main boom sequence = 0-0-0-100-100-100 % LK = 46
 Counterweight = 12.6 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]								(Pos.[Degrees])				0-360 Degr.		
		1(0)				2(...)				3(90)						
		A	B	C	D	A	B	C	D	A	B	C	D			
39.4	25.6	57	57	27	27	69	38	42	18	(35)	68	14	64	22		
		62	10	68	28	(108)	25	25	59	59		10	61	29	68	(251)
45.9	20.3	56	56	25	25	69	37	41	16	(35)	67	11	63	21		
		63	8	66	25	(103)	23	23	58	58		8	62	25	66	(256)
52.5	16.3	55	55	24	24	69	35	40	15	(36)	67	10	63	19		
		62	6	66	24	(104)	21	21	58	58		6	61	24	66	(255)
59.1	13.2	54	54	23	23	68	34	39	13	(36)	66	8	63	18		
		61	5	66	23	(104)	20	20	58	58		5	61	23	66	(255)
65.6	10.6	54	54	22	22	68	33	39	12	(37)	66	7	62	17		
		60	4	66	23	(105)	19	19	57	57		3	60	23	66	(254)
72.2	8.6	54	54	21	21	68	32	39	11	(37)	66	6	62	16		
		60	2	66	22	(105)	18	18	57	57		2	60	22	66	(254)
78.7	6.8	54	54	21	21	68	32	39	10	(37)	66	5	62	16		
		60	1	66	21	(105)	17	17	57	57		1	60	22	67	(254)
85.3	5.3	53	53	20	20	69	30	39	9	(38)	66	4	62	15		
		60	0	67	21	(106)	17	17	57	57		0	59	21	67	(253)
91.9	4.0	53	53	20	20	69	30	38	9	(38)	66	3	62	15		
		59	0	67	20	(106)	16	16	57	57		0	58	20	68	(253)
98.4	2.6	53	53	20	20	68	30	38	9	(38)	65	3	62	14		
		58	0	67	19	(106)	16	16	57	57		0	58	20	67	(253)

HA=130.9 HI= 29.5 GGW= 12.6 SL= 0.0 MAX(A,B,C,D)= 6.5 5.8 6.3 6.3

Main boom and fixed jib (jib angle 20.0 degrees)
 Length of main boom = 138.1 ft Length of jib = 29.5 ft
 Main boom sequence = 0-0-45-90-90-90 % LK = 54
 Counterweight = 12.6 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]								(Pos.[Degrees])				0-360 Degr.		
		1(0)				2(...)				3(90)						
		A	B	C	D	A	B	C	D	A	B	C	D			
45.9	19.0	55	55	26	26	67	37	40	17	(35)	66	12	62	21		
		62	9	65	25	(103)	23	23	58	58		9	61	26	65	(256)
52.5	15.2	54	54	24	24	67	35	39	15	(35)	65	10	62	20		
		61	7	65	24	(103)	21	21	57	57		7	61	24	65	(256)
59.1	12.1	54	54	23	23	67	34	39	14	(36)	65	8	62	19		
		60	5	65	23	(104)	20	20	57	57		5	60	24	65	(255)
65.6	9.5	53	53	22	22	67	33	39	13	(36)	65	7	62	18		
		60	4	65	22	(104)	19	19	57	57		4	60	23	65	(255)
72.2	7.5	53	53	22	22	67	32	39	12	(37)	65	6	62	17		
		60	3	65	22	(105)	18	18	57	57		2	59	22	65	(254)
78.7	5.7	53	53	21	21	67	31	38	11	(37)	65	5	62	16		
		59	2	65	21	(105)	17	17	56	56		2	59	22	65	(254)
85.3	4.2	52	52	21	21	67	31	38	10	(37)	65	5	61	15		
		59	1	65	21	(105)	17	17	56	56		1	59	21	65	(254)

91.9 2.9 52 52 20 20 67 30 38 10(37) 65 4 61 15
 59 0 65 21(105) 16 16 56 56 0 58 21 65(254)

HA=138.1 HI= 29.5 GGW= 12.6 SL= 0.0 MAX(A,B,C,D)= 6.3 5.7 6.1 6.1

Main boom and fixed jib (jib angle 20.0 degrees)
 Length of main boom = 145.0 ft Length of jib = 29.5 ft
 Main boom sequence = 0-0-45-100-100-100 % LK = 55
 Counterweight = 12.6 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
	1(0)				2(...)								
	3(90)				4(...)								
	A	B	C	D	A	B	C	D	A	B	C	D	
45.9	18.5	54	54	26	26	66	37	40	17(34)	65	13	62	22
		61	10	64	25(102)	23	23	57	57	10	61	26	65(257)
52.5	14.8	54	54	25	25	66	35	39	16(35)	65	11	61	20
		60	8	64	24(103)	22	22	57	57	7	60	25	65(256)
59.1	11.9	54	54	24	24	67	34	39	14(36)	65	9	62	19
		60	6	65	23(104)	20	20	57	57	6	60	24	65(255)
65.6	9.3	53	53	23	23	66	33	39	13(36)	64	8	61	18
		59	5	64	23(104)	19	19	56	56	4	59	23	65(255)
72.2	7.3	53	53	22	22	66	32	38	12(36)	64	7	61	17
		59	4	65	22(104)	18	18	56	56	3	59	22	65(255)
78.7	5.5	52	52	21	21	66	32	38	12(36)	64	6	61	17
		59	2	65	21(104)	18	18	56	56	2	59	22	65(255)
85.3	4.2	52	52	21	21	67	31	38	10(37)	65	5	61	16
		59	1	65	21(105)	17	17	56	56	1	58	21	65(254)
91.9	2.9	52	52	20	20	67	30	38	10(37)	65	4	61	15
		59	0	65	21(105)	16	16	56	56	0	58	21	65(254)

HA=145.0 HI= 29.5 GGW= 12.6 SL= 0.0 MAX(A,B,C,D)= 6.2 5.7 6.0 6.1

Main boom and fixed jib (jib angle 20.0 degrees)
 Length of main boom = 152.2 ft Length of jib = 29.5 ft
 Main boom sequence = 0-0-90-90-90-90 % LK = 62
 Counterweight = 12.6 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
	1(0)				2(...)								
	3(90)				4(...)								
	A	B	C	D	A	B	C	D	A	B	C	D	
45.9	17.4	54	54	26	26	65	37	40	18(34)	64	13	61	22
		60	10	63	25(102)	23	23	56	56	10	60	26	64(257)
52.5	13.7	53	53	25	25	65	36	39	16(34)	64	11	61	21
		60	8	63	24(102)	22	22	56	56	8	60	24	63(257)
59.1	10.8	53	53	24	24	65	34	39	15(35)	64	9	61	19
		59	6	64	23(103)	20	20	56	56	6	59	24	64(256)
65.6	8.4	52	52	23	23	65	34	38	14(35)	63	8	60	18
		59	5	64	22(103)	19	19	56	56	5	59	23	64(256)
72.2	6.4	52	52	22	22	65	32	38	13(36)	63	7	61	17
		59	4	64	22(104)	19	19	56	56	4	58	22	64(255)
78.7	4.6	52	52	22	22	65	32	38	12(36)	63	6	60	17
		58	3	64	22(104)	18	18	56	56	3	58	22	64(255)

85.3 3.1 52 52 21 21 65 31 37 11(36) 63 6 60 16
 58 2 64 21(104) 17 17 55 55 2 58 21 64(255)

HA=152.2 HI= 29.5 GGW= 12.6 SL= 0.0 MAX(A,B,C,D)= 6.1 5.6 5.9 6.0

Main boom and fixed jib (jib angle 20.0 degrees)

Length of main boom = 161.4 ft Length of jib = 29.5 ft
 Main boom sequence = 0-0-100-100-100-100 % LK = 63
 Counterweight = 12.6 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
	1(0)				2(...)								
	3(90)				4(...)								
	A	B	C	D	A	B	C	D	A	B	C	D	
52.5	13.2	52	52	25	25	64	35	39	17(34)	63	11	60	21
		59	9	63	24(102)	22	22	56	56	9	59	25	63(257)
59.1	10.4	52	52	24	24	64	35	38	15(34)	63	10	60	20
		59	7	63	23(102)	21	21	56	56	7	59	24	63(257)
65.6	7.9	52	52	23	23	64	33	38	14(35)	63	9	60	19
		58	6	63	23(103)	20	20	55	55	6	58	23	63(256)
72.2	6.0	52	52	22	22	64	33	37	13(35)	63	8	60	18
		58	5	63	22(103)	19	19	55	55	5	58	22	63(256)
78.7	4.4	52	52	22	22	65	32	37	12(36)	63	6	60	17
		58	3	63	22(104)	18	18	55	55	3	58	22	64(255)
85.3	2.9	51	51	21	21	65	31	37	12(36)	63	6	60	17
		58	3	63	21(104)	17	17	55	55	2	57	22	63(255)

HA=161.4 HI= 29.5 GGW= 12.6 SL= 0.0 MAX(A,B,C,D)= 6.0 5.5 5.9 5.9

Main boom and fixed jib (jib angle 20.0 degrees)

Length of main boom = 166.0 ft Length of jib = 29.5 ft
 Main boom sequence = 0-45-90-90-90-90 % LK = 68
 Counterweight = 12.6 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
	1(0)				2(...)								
	3(90)				4(...)								
	A	B	C	D	A	B	C	D	A	B	C	D	
52.5	11.9	52	52	25	25	63	36	38	17(33)	62	12	59	21
		58	9	62	24(101)	22	22	55	55	9	58	25	62(258)
59.1	9.0	51	51	24	24	63	34	38	16(34)	62	10	59	20
		58	8	62	24(102)	21	21	55	55	7	58	24	62(257)
65.6	6.8	51	51	23	23	63	34	37	15(34)	62	9	59	19
		58	6	62	22(102)	20	20	55	55	6	58	23	62(257)
72.2	4.9	51	51	22	22	63	32	37	14(35)	62	8	59	18
		58	5	62	22(103)	19	19	55	55	5	57	22	62(256)
78.7	3.1	50	50	22	22	63	32	37	13(35)	62	7	59	17
		57	4	62	22(103)	18	18	54	54	4	57	22	62(256)

HA=166.0 HI= 29.5 GGW= 12.6 SL= 0.0 MAX(A,B,C,D)= 5.9 5.4 5.8 5.8

Main boom and fixed jib (jib angle 20.0 degrees)

Length of main boom = 175.5 ft Length of jib = 29.5 ft
 Main boom sequence = 0-45-100-100-100-100 % LK = 69

Counterweight = 12.6 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
	1(0)		2(...)		3(90)		4(...)		5(180)		6(...)		
	A	B	C	D	A	B	C	D	A	B	C	D	
52.5	11.5	51	51	26	26	62	36	38	18(32)	61	12	59	22
		58	10	61	24(100)	22	22	54	54	10	58	25	61(259)
59.1	8.8	51	51	24	24	62	35	37	16(33)	61	11	59	20
		58	8	61	23(101)	21	21	54	54	8	58	24	62(258)
65.6	6.4	50	50	24	24	62	34	37	15(34)	61	10	58	19
		57	7	61	23(102)	20	20	54	54	7	57	23	62(257)
72.2	4.6	50	50	23	23	63	33	37	14(34)	61	8	59	18
		58	6	62	22(102)	19	19	54	54	5	57	22	62(257)
78.7	2.9	50	50	22	22	63	32	37	13(35)	61	7	58	18
		57	5	62	22(103)	18	18	54	54	5	56	22	62(256)

HA=175.5 HI= 29.5 GGW= 12.6 SL= 0.0 MAX(A,B,C,D)= 5.8 5.4 5.7 5.7

HA=175.5 HI= 29.5 GGW= 12.6 SL= 0.0 MAX(A,B,C,D)= 0.0 0.0 0.0 0.0

HA=175.5 HI= 29.5 GGW= 12.6 SL= 0.0 MAX(A,B,C,D)= 0.0 0.0 0.0 0.0

HA=175.5 HI= 29.5 GGW= 12.6 SL= 0.0 MAX(A,B,C,D)= 0.0 0.0 0.0 0.0

HA=175.5 HI= 29.5 GGW= 12.6 SL= 0.0 MAX(A,B,C,D)= 0.0 0.0 0.0 0.0

HA=175.5 HI= 29.5 GGW= 12.6 SL= 0.0 MAX(A,B,C,D)= 0.0 0.0 0.0 0.0

HA=175.5 HI= 29.5 GGW= 12.6 SL= 0.0 MAX(A,B,C,D)= 0.0 0.0 0.0 0.0

Programm L A M O S 9 9 Version 1.08 vom 29.09.02

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Eingabedatei: ilam.dat

Festdatei : /berechnung/tabellen/zentraledaten/lamosfd-ac/200-1.99dat

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H

DEMAG Mobile Cranes

O U T R I G G E R - L O A D I N G S

(Variance = +-10%)

PSI= 1.00

Crane : *** AC 200-1 *** mit HKHI fuer GA und MS

Outrigger width	=	18.7 ft	Outrigger length	=	27.7 ft
Outrigger "A"	X =	12.0 ft	Outrigger "A"	Y =	9.4 ft
Outrigger "B"	X =	12.0 ft	Outrigger "B"	Y =	-9.4 ft
Outrigger "C"	X =	-15.7 ft	Outrigger "C"	Y =	9.4 ft
Outrigger "D"	X =	-15.7 ft	Outrigger "D"	Y =	-9.4 ft

Main boom and fixed jib (jib angle 40.0 degrees)

Length of main boom = 40.7 ft Length of jib = 29.5 ft

Main boom sequence = 0-0-0-0-0-0 % LK = 1

Counterweight = 12.6 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
	1(0)		2(...)		3(90)		6(...)						
A	B	C	D	A	B	C	D	A	B	C	D		
23.0	22.7	41	41	41	41	42	39	43	40(59)	42	38	44	41
		41	37	45	42(128)	39	39	44	44	37	41	42	45(232)
26.2	21.6	43	43	39	39	46	37	44	37(59)	45	34	46	38
		42	33	47	41(128)	36	36	45	45	33	42	41	47(232)
29.5	20.7	44	44	37	37	49	35	45	34(59)	48	31	49	35
		43	29	50	40(128)	34	34	47	47	29	43	40	50(232)
32.8	20.1	46	46	35	35	47	46	35	34(2)	51	27	51	33
		51	27	51	33(90)	32	32	49	49	27	51	33	51(270)
39.4	18.7	49	49	31	31	56	40	38	26(26)	57	21	55	28
		55	19	56	29(97)	28	28	52	52	19	55	29	57(262)
45.9	17.6	53	53	27	27	64	37	39	19(33)	63	14	60	23
		58	11	63	27(106)	24	24	56	56	11	58	28	63(253)

HA= 40.7 HI= 29.5 GGW= 12.6 SL= 0.0 MAX(A,B,C,D)= 5.9 5.3 5.9 5.9

Main boom and fixed jib (jib angle 40.0 degrees)

Length of main boom = 54.5 ft Length of jib = 29.5 ft

Main boom sequence = 0-0-0-0-0-45 % LK = 7

Counterweight = 12.6 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
	1(0)		2(...)		3(90)		6(...)						
A	B	C	D	A	B	C	D	A	B	C	D		
26.2	22.3	43	43	39	39	46	37	44	37(59)	45	34	46	38
		42	34	47	41(128)	37	37	45	45	34	42	41	47(232)
29.5	21.4	44	44	37	37	49	35	45	34(59)	48	31	49	36
		43	30	50	40(128)	35	35	47	47	30	43	40	50(232)
32.8	20.7	46	46	35	35	52	33	46	31(59)	51	28	51	33
		51	28	51	33(90)	32	32	49	49	28	51	33	51(270)
39.4	19.4	49	49	31	31	55	41	38	27(24)	56	22	55	28
		55	21	56	30(96)	29	29	52	52	21	55	30	56(263)
45.9	18.5	52	52	28	28	63	39	39	20(31)	62	15	59	24
		58	12	62	28(105)	25	25	55	55	12	57	28	62(254)
52.5	17.4	56	56	24	24	69	35	40	14(36)	67	9	63	19
		62	6	67	24(104)	21	21	58	58	6	62	24	67(255)
59.1	13.4	54	54	23	23	68	34	39	13(36)	66	8	63	18
		61	5	66	23(104)	20	20	58	58	5	61	23	66(255)

HA= 54.5 HI= 29.5 GGW= 12.6 SL= 0.0 MAX(A,B,C,D)= 6.4 5.7 6.2 6.2

Main boom and fixed jib (jib angle 40.0 degrees)

Length of main boom = 68.6 ft Length of jib = 29.5 ft

Main boom sequence = 0-0-0-0-0-90 % LK = 13

Counterweight = 12.6 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.		
	1(0)		2(...)		3(90)		6(...)				
A	B	C	D	A	B	C	D	A	B	C	D

	4(...)				5(180)				6(...)					
	A	B	C	D	A	B	C	D	A	B	C	D		
29.5	21.8	45	45	37	37	49	35	45	34	(59)	48	31	49	36
	43	30	50	40	(128)	35	35	47	47	30	43	40	50	(232)
32.8	21.2	46	46	35	35	52	33	46	31	(59)	50	28	51	34
	50	28	51	34	(90)	33	33	49	49	28	50	34	51	(270)
39.4	20.1	49	49	32	32	55	41	38	27	(24)	56	22	55	29
	55	21	56	30	(96)	29	29	52	52	21	55	30	56	(263)
45.9	19.2	52	52	28	28	63	38	40	21	(33)	62	16	59	24
	58	13	62	28	(104)	25	25	55	55	13	58	28	62	(255)
52.5	18.3	56	56	24	24	69	35	41	15	(36)	67	10	63	20
	62	7	67	24	(104)	22	22	58	58	7	62	25	67	(255)
59.1	14.6	55	55	24	24	68	34	40	14	(36)	66	9	63	19
	61	6	66	24	(104)	20	20	58	58	5	61	24	66	(255)
65.6	11.7	54	54	22	22	68	33	39	13	(37)	66	7	62	18
	61	4	66	23	(105)	19	19	58	58	4	60	23	66	(254)
72.2	9.3	54	54	22	22	68	32	39	11	(37)	66	6	62	17
	60	2	66	22	(105)	18	18	57	57	2	60	22	66	(254)

HA= 68.6 HI= 29.5 GGW= 12.6 SL= 0.0 MAX(A,B,C,D)= 6.4 5.7 6.2 6.2

Main boom and fixed jib (jib angle 40.0 degrees)
Length of main boom = 70.2 ft Length of jib = 29.5 ft
Main boom sequence = 0-0-0-0-0-100 % LK = 14
Counterweight = 12.6 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.					
	1(0)				2(...)					3(90)				
	4(...)				5(180)				6(...)					
	A	B	C	D	A	B	C	D	A	B	C	D		
29.5	21.8	44	44	37	37	49	35	45	34	(59)	48	32	49	36
	43	30	50	40	(128)	35	35	47	47	30	43	40	50	(232)
32.8	21.2	46	46	35	35	52	33	46	31	(59)	50	28	50	34
	50	28	50	34	(90)	33	33	49	49	28	50	34	50	(270)
39.4	20.1	49	49	32	32	55	42	37	27	(23)	56	22	55	29
	55	21	56	30	(95)	29	29	52	52	21	55	30	56	(264)
45.9	19.2	52	52	28	28	63	38	40	21	(33)	62	16	59	24
	58	13	62	28	(104)	25	25	55	55	13	57	28	62	(255)
52.5	17.9	55	55	25	25	68	36	40	16	(35)	66	11	63	20
	62	8	66	24	(103)	22	22	58	58	7	61	25	66	(256)
59.1	14.8	55	55	23	23	69	34	40	14	(36)	67	9	63	19
	62	5	66	23	(104)	20	20	58	58	5	61	24	67	(255)
65.6	11.7	54	54	23	23	68	34	39	13	(36)	66	7	62	18
	61	4	66	23	(104)	19	19	57	57	4	60	23	66	(255)
72.2	9.3	54	54	22	22	68	32	39	12	(37)	65	6	62	17
	60	3	66	22	(105)	18	18	57	57	3	60	23	66	(254)

HA= 70.2 HI= 29.5 GGW= 12.6 SL= 0.0 MAX(A,B,C,D)= 6.4 5.7 6.2 6.2

Main boom and fixed jib (jib angle 40.0 degrees)
Length of main boom = 82.3 ft Length of jib = 29.5 ft
Main boom sequence = 0-0-0-0-45-90 % LK = 20
Counterweight = 12.6 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]								(Pos.[Degrees])				0-360 Degr.				
	1(0)		2(...)				3(90)										
	4(...)		5(180)				6(...)										
	A	B	C	D	A	B	C	D	A	B	C	D					
32.8	21.6	46	46	35	35	53	33	46	31(59)	51	28	51	34				
		51	28	51	34(90)	33	33	49	49	28	51	34	51(270)				
39.4	20.5	50	50	32	32	56	42	38	27(24)	57	22	55	29				
		56	21	56	30(96)	29	29	52	52	21	55	30	56(263)				
45.9	19.6	53	53	28	28	63	37	40	20(34)	62	16	60	24				
		58	13	63	28(105)	25	25	56	56	13	58	28	63(254)				
52.5	18.7	56	56	24	24	70	36	41	15(36)	68	10	63	20				
		63	7	67	24(104)	22	22	59	59	6	62	25	67(255)				
59.1	14.8	55	55	24	24	68	35	40	14(36)	66	9	62	19				
		61	6	66	24(104)	21	21	58	58	6	61	24	66(255)				
65.6	11.9	54	54	23	23	68	34	39	13(36)	66	8	62	18				
		61	4	66	23(104)	19	19	57	57	4	60	23	66(255)				
72.2	9.5	54	54	22	22	67	33	39	12(36)	65	7	62	17				
		60	4	65	22(104)	19	19	57	57	3	60	22	66(255)				
78.7	7.7	54	54	21	21	68	32	39	11(37)	66	5	62	16				
		60	2	66	22(105)	18	18	57	57	2	60	22	66(254)				
85.3	6.0	53	53	21	21	68	31	38	10(37)	66	4	62	15				
		60	1	66	21(105)	17	17	57	57	0	60	21	66(254)				

HA= 82.3 HI= 29.5 GGW= 12.6 SL= 0.0 MAX(A,B,C,D)= 6.5 5.8 6.2 6.2

Main boom and fixed jib (jib angle 40.0 degrees)

Length of main boom = 84.0 ft Length of jib = 29.5 ft

Main boom sequence = 0-0-0-0-45-100 % LK = 21

Counterweight = 12.6 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]								(Pos.[Degrees])				0-360 Degr.				
	1(0)		2(...)				3(90)										
	4(...)		5(180)				6(...)										
	A	B	C	D	A	B	C	D	A	B	C	D					
32.8	21.6	46	46	35	35	53	33	46	31(59)	51	28	51	34				
		51	28	51	34(90)	33	33	49	49	28	51	34	51(270)				
39.4	20.5	50	50	32	32	56	42	38	27(24)	57	22	55	29				
		55	21	56	30(96)	29	29	52	52	21	55	30	56(263)				
45.9	19.6	53	53	28	28	63	37	40	21(34)	62	16	60	24				
		58	13	62	28(105)	25	25	56	56	13	58	28	63(254)				
52.5	18.5	56	56	25	25	69	36	41	15(36)	67	10	63	20				
		62	7	67	25(104)	22	22	58	58	7	62	25	67(255)				
59.1	15.0	55	55	24	24	69	35	40	14(36)	67	9	63	19				
		62	6	66	24(104)	21	21	58	58	5	61	24	66(255)				
65.6	11.9	54	54	23	23	67	34	39	13(36)	65	8	62	18				
		61	5	65	23(104)	20	20	57	57	4	60	23	66(255)				
72.2	9.7	54	54	22	22	68	32	39	12(37)	66	7	62	17				
		60	3	66	22(105)	19	19	57	57	3	60	23	66(254)				
78.7	7.7	53	53	21	21	68	32	39	11(37)	65	6	62	16				
		60	2	66	22(105)	18	18	57	57	2	60	22	66(254)				
85.3	6.2	54	54	21	21	69	31	39	10(38)	66	4	62	15				
		60	0	67	21(106)	17	17	57	57	0	59	22	67(253)				

HA= 84.0 HI= 29.5 GGW= 12.6 SL= 0.0 MAX(A,B,C,D)= 6.4 5.7 6.2 6.2

 Main boom and fixed jib (jib angle 40.0 degrees)
 Length of main boom = 96.5 ft Length of jib = 29.5 ft
 Main boom sequence = 0-0-0-0-90-90 % LK = 28
 Counterweight = 12.6 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]								(Pos.[Degrees])				0-360 Degr.			
		1(0)				2(...)				3(90)							
		4(...)				5(180)				6(...)							
A	B	C	D	A	B	C	D	A	B	C	D						
39.4	20.7	50	50	32	32	56	41	38	27(25)	57	22	55	29				
		56	21	57	30(97)	29	29	52	52	21	55	30	57(262)				
45.9	19.8	53	53	28	28	64	37	40	20(34)	62	16	60	24				
		58	13	63	28(105)	25	25	56	56	13	58	28	63(254)				
52.5	18.7	56	56	24	24	69	36	41	15(36)	67	10	63	20				
		62	7	67	24(104)	22	22	59	59	7	62	25	67(255)				
59.1	15.0	55	55	24	24	68	35	40	14(36)	66	9	63	19				
		61	6	66	24(104)	21	21	58	58	6	61	24	66(255)				
65.6	12.1	54	54	23	23	68	34	39	13(36)	66	8	62	18				
		61	5	66	23(104)	20	20	57	57	4	60	23	66(255)				
72.2	9.7	54	54	22	22	67	33	39	13(36)	65	7	62	17				
		60	4	65	22(104)	19	19	57	57	4	60	23	65(255)				
78.7	7.9	54	54	21	21	68	32	39	11(37)	66	6	62	16				
		60	2	66	22(105)	18	18	57	57	2	60	22	66(254)				
85.3	6.4	54	54	21	21	68	31	38	10(37)	66	4	62	15				
		60	1	66	21(105)	17	17	57	57	1	60	21	67(254)				
91.9	5.1	54	54	20	20	69	30	39	9(38)	66	3	63	15				
		59	0	68	20(106)	16	16	57	57	0	59	20	68(253)				

 HA= 96.5 HI= 29.5 GGW= 12.6 SL= 0.0 MAX(A,B,C,D)= 6.5 5.8 6.3 6.3

Main boom and fixed jib (jib angle 40.0 degrees)
 Length of main boom = 100.4 ft Length of jib = 29.5 ft
 Main boom sequence = 0-0-0-0-100-100 % LK = 29
 Counterweight = 12.6 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]								(Pos.[Degrees])				0-360 Degr.			
		1(0)				2(...)				3(90)							
		4(...)				5(180)				6(...)							
A	B	C	D	A	B	C	D	A	B	C	D						
39.4	20.7	50	50	32	32	56	42	38	27(24)	57	22	55	29				
		56	21	56	30(96)	29	29	52	52	21	55	30	56(263)				
45.9	19.8	53	53	28	28	64	37	40	20(34)	62	16	60	24				
		58	13	63	28(105)	25	25	56	56	13	58	28	63(254)				
52.5	19.0	56	56	24	24	70	36	41	15(36)	68	10	63	20				
		63	7	67	24(104)	22	22	59	59	6	62	25	67(255)				
59.1	15.2	55	55	24	24	69	35	40	14(36)	67	9	63	19				
		62	6	66	24(104)	21	21	58	58	5	61	24	67(255)				
65.6	12.1	54	54	23	23	68	34	39	13(36)	66	8	62	18				
		61	5	65	23(104)	20	20	57	57	5	60	23	66(255)				
72.2	9.9	54	54	22	22	68	32	39	12(37)	66	7	62	17				
		60	3	66	22(105)	19	19	57	57	3	60	23	66(254)				
78.7	7.9	53	53	22	22	68	32	39	11(37)	65	6	62	17				
		60	2	66	22(105)	18	18	57	57	2	59	22	66(254)				

85.3 6.4 53 53 21 21 68 31 38 11(37) 66 5 62 16
 60 1 66 21(105) 17 17 57 57 1 60 22 66(254)
 91.9 5.1 53 53 20 20 69 30 39 9(38) 66 4 62 15
 59 0 67 21(106) 16 16 57 57 0 59 21 67(253)
 98.4 3.7 53 53 20 20 69 30 38 9(38) 66 3 62 14
 58 0 68 19(106) 16 16 57 57 0 58 20 68(253)

 HA=100.4 HI= 29.5 GGW= 12.6 SL= 0.0 MAX(A,B,C,D)= 6.5 5.8 6.3 6.3

Main boom and fixed jib (jib angle 40.0 degrees)
 Length of main boom = 110.2 ft Length of jib = 29.5 ft
 Main boom sequence = 0-0-0-45-90-90 % LK = 36
 Counterweight = 12.6 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]								(Pos.[Degrees])				0-360 Degr.											
		1(0)		2(...)				3(90)		4(...)		5(180)			6(...)										
		A	B	C	D	A	B	C	D	A	B	C	D		A	B	C	D							
39.4	20.9	50	50	31	31	57	41	38	26(26)	58	21	56	28	56	20	57	30(98)	28	28	53	53	20	56	30	58(261)
45.9	20.1	54	54	28	28	64	39	39	20(32)	63	15	60	23	59	12	63	28(105)	25	25	56	56	12	58	28	63(254)
52.5	18.5	56	56	24	24	69	36	41	15(36)	67	10	63	20	62	7	67	24(104)	22	22	59	59	7	62	25	67(255)
59.1	14.8	55	55	24	24	68	35	40	14(36)	66	9	63	19	61	6	66	24(104)	21	21	58	58	6	61	24	66(255)
65.6	11.9	54	54	23	23	68	34	39	13(36)	66	8	62	18	61	4	66	23(104)	19	19	57	57	4	60	23	66(255)
72.2	9.5	54	54	22	22	67	33	39	12(36)	65	7	62	17	60	4	65	22(104)	19	19	57	57	3	60	22	65(255)
78.7	7.7	53	53	21	21	68	32	39	11(37)	66	6	62	16	60	2	66	22(105)	18	18	57	57	2	60	22	66(254)
85.3	6.2	53	53	21	21	68	31	38	10(37)	66	4	62	15	60	1	66	21(105)	17	17	57	57	1	60	21	66(254)
91.9	4.9	54	54	20	20	69	30	39	9(38)	66	3	63	15	59	0	67	20(106)	16	16	57	57	0	59	20	68(253)
98.4	3.5	53	53	19	19	69	30	38	8(38)	66	3	62	14	58	0	68	19(106)	15	15	57	57	0	58	19	69(253)
105.0	2.2	53	53	19	19	68	29	38	8(38)	65	2	62	14	58	0	68	19(106)	15	15	57	57	0	57	19	68(253)

 HA=110.2 HI= 29.5 GGW= 12.6 SL= 0.0 MAX(A,B,C,D)= 6.5 5.8 6.3 6.4

Main boom and fixed jib (jib angle 40.0 degrees)
 Length of main boom = 114.5 ft Length of jib = 29.5 ft
 Main boom sequence = 0-0-0-45-100-100 % LK = 37
 Counterweight = 12.6 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]								(Pos.[Degrees])				0-360 Degr.											
		1(0)		2(...)				3(90)		4(...)		5(180)			6(...)										
		A	B	C	D	A	B	C	D	A	B	C	D		A	B	C	D							
39.4	20.9	50	50	31	31	57	41	38	26(26)	58	21	56	28	56	20	57	30(97)	29	29	53	53	20	56	30	57(262)

45.9	20.1	53	53	28	28	64	39	39	20(32)	63	15	60	24
		59	12	63	28(105)	25	25	56	56	12	58	28	63(254)
52.5	18.7	56	56	24	24	70	36	41	15(36)	68	10	64	20
		63	6	67	24(104)	22	22	59	59	6	62	25	67(255)
59.1	15.0	55	55	24	24	69	35	40	14(36)	67	9	63	19
		62	5	66	24(104)	21	21	58	58	5	61	24	67(255)
65.6	11.9	54	54	23	23	68	34	39	13(36)	66	8	62	18
		61	5	66	23(104)	20	20	57	57	4	60	23	66(255)
72.2	9.7	54	54	22	22	68	32	39	12(37)	66	7	62	17
		60	3	66	22(105)	19	19	57	57	3	60	23	66(254)
78.7	7.7	53	53	21	21	68	32	39	11(37)	65	6	62	17
		60	2	66	22(105)	18	18	57	57	2	59	22	66(254)
85.3	6.2	53	53	21	21	68	31	38	10(37)	65	5	62	16
		60	1	66	21(105)	17	17	57	57	1	59	22	66(254)
91.9	4.9	53	53	20	20	69	30	39	9(38)	66	4	62	15
		59	0	67	21(106)	16	16	57	57	0	59	21	67(253)
98.4	3.5	53	53	20	20	68	30	38	9(38)	66	3	62	14
		58	0	67	20(106)	16	16	57	57	0	58	20	68(253)
105.0	2.4	53	53	19	19	69	29	38	8(38)	66	2	62	14
		58	0	68	18(106)	15	15	57	57	0	57	19	69(253)

 HA=114.5 HI= 29.5 GGW= 12.6 SL= 0.0 MAX(A,B,C,D)= 6.5 5.8 6.3 6.4

Main boom and fixed jib (jib angle 40.0 degrees)
 Length of main boom = 124.3 ft Length of jib = 29.5 ft
 Main boom sequence = 0-0-0-90-90-90 % LK = 45
 Counterweight = 12.6 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
	1(0)		2(...)		3(90)		6(...)						
	A	B	C	D	A	B	C	D					
45.9	20.3	54	54	27	27	65	38	40	19(33)	64	14	61	23
		59	11	64	28(106)	24	24	57	57	11	59	28	64(253)
52.5	18.5	56	56	24	24	70	35	41	15(36)	68	10	64	19
		63	6	67	24(104)	21	21	59	59	6	62	25	67(255)
59.1	14.6	55	55	24	24	68	34	40	14(36)	66	9	63	19
		61	6	66	24(104)	21	21	58	58	5	61	24	66(255)
65.6	11.7	54	54	23	23	68	34	39	13(36)	66	8	62	18
		61	4	66	23(104)	19	19	57	57	4	60	23	66(255)
72.2	9.5	54	54	22	22	68	32	39	12(37)	66	6	62	17
		60	3	66	22(105)	19	19	57	57	3	60	23	66(254)
78.7	7.5	53	53	21	21	68	32	39	11(37)	65	6	62	16
		60	2	66	22(105)	18	18	57	57	2	60	22	66(254)
85.3	6.0	53	53	21	21	68	31	38	10(37)	66	4	62	15
		60	1	66	21(105)	17	17	57	57	0	60	21	66(254)
91.9	4.6	53	53	20	20	69	30	39	9(38)	66	3	62	15
		59	0	67	20(106)	16	16	57	57	0	58	20	68(253)
98.4	3.3	53	53	19	19	69	30	38	9(38)	66	3	62	14
		58	0	68	19(106)	15	15	57	57	0	58	19	68(253)

 HA=124.3 HI= 29.5 GGW= 12.6 SL= 0.0 MAX(A,B,C,D)= 6.5 5.8 6.3 6.3

Main boom and fixed jib (jib angle 40.0 degrees)

Length of main boom = 130.9 ft Length of jib = 29.5 ft
 Main boom sequence = 0-0-0-100-100-100 % LK = 46
 Counterweight = 12.6 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]								(Pos.[Degrees])				0-360 Degr.	
		1(0)				2(...)				3(90)					
		A	B	C	D	A	B	C	D	A	B	C	D		
45.9	20.1	54	54	27	27	65	38	40	20	33	63	15	60	23	
		59	12	64	28	106	25	25	56	56	11	58	28	64	(253)
52.5	18.1	55	55	25	25	69	35	41	15	36	67	10	63	20	
		62	7	67	24	104	22	22	58	58	7	62	25	67	(255)
59.1	14.8	55	55	23	23	69	35	40	14	36	67	9	63	19	
		62	5	66	23	104	20	20	58	58	5	61	24	67	(255)
65.6	11.7	54	54	23	23	68	34	39	13	36	66	8	62	18	
		61	4	66	23	104	19	19	57	57	4	60	23	66	(255)
72.2	9.5	54	54	22	22	68	32	39	12	37	66	7	62	17	
		60	3	66	22	105	19	19	57	57	3	60	23	66	(254)
78.7	7.5	53	53	21	21	68	32	39	11	37	65	6	62	16	
		60	2	66	22	105	18	18	57	57	2	59	22	66	(254)
85.3	6.0	53	53	21	21	68	31	38	10	37	66	5	62	15	
		60	1	66	21	105	17	17	57	57	1	60	21	66	(254)
91.9	4.6	53	53	20	20	69	30	39	9	38	66	4	62	15	
		59	0	67	20	106	16	16	57	57	0	59	21	67	(253)
98.4	3.3	53	53	20	20	68	30	38	9	38	66	3	62	14	
		58	0	67	19	106	16	16	57	57	0	58	20	68	(253)

HA=130.9 HI= 29.5 GGW= 12.6 SL= 0.0 MAX(A,B,C,D)= 6.4 5.7 6.3 6.3

Main boom and fixed jib (jib angle 40.0 degrees)

Length of main boom = 138.1 ft Length of jib = 29.5 ft
 Main boom sequence = 0-0-45-90-90-90 % LK = 54
 Counterweight = 12.6 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]								(Pos.[Degrees])				0-360 Degr.	
		1(0)				2(...)				3(90)					
		A	B	C	D	A	B	C	D	A	B	C	D		
45.9	20.3	54	54	27	27	66	37	40	19	34	65	14	61	22	
		59	10	65	28	107	24	24	57	57	10	59	28	65	(252)
52.5	17.0	55	55	25	25	67	36	40	16	35	66	11	62	20	
		62	8	65	24	103	22	22	58	58	7	61	25	65	(256)
59.1	13.7	54	54	24	24	67	34	39	14	36	65	9	62	19	
		61	6	65	24	104	21	21	57	57	6	60	24	66	(255)
65.6	10.8	54	54	23	23	67	34	39	13	36	65	8	62	18	
		60	5	65	23	104	20	20	57	57	5	60	23	65	(255)
72.2	8.6	53	53	22	22	67	33	38	12	36	65	7	62	17	
		60	4	65	22	104	19	19	57	57	3	60	22	65	(255)
78.7	6.6	53	53	22	22	67	32	39	11	37	65	6	61	17	
		59	2	65	22	105	18	18	56	56	2	59	22	65	(254)
85.3	5.1	53	53	21	21	67	31	38	11	37	65	5	62	16	
		59	1	65	21	105	17	17	56	56	1	59	22	65	(254)
91.9	3.5	52	52	21	21	67	31	38	10	37	64	4	61	15	
		59	1	65	21	105	17	17	56	56	1	58	21	65	(254)

98.4 2.4 52 52 20 20 67 30 37 9(37) 65 3 62 15
 59 0 66 20(105) 16 16 56 56 0 58 20 66(254)

HA=138.1 HI= 29.5 GGW= 12.6 SL= 0.0 MAX(A,B,C,D)= 6.3 5.7 6.1 6.1

Main boom and fixed jib (jib angle 40.0 degrees)

Length of main boom = 145.0 ft Length of jib = 29.5 ft
 Main boom sequence = 0-0-45-100-100-100 % LK = 55
 Counterweight = 12.6 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.			
	1(0)				2(...)					3(90)		
	4(...)				5(180)							
	A	B	C	D	A	B	C	D	A	B	C	D
52.5 16.8	54	54	25	25	67	36	40	16(35)	65	11	62	21
	61	8	65	25(103)	22	22	57	57	8	61	25	65(256)
59.1 13.4	54	54	24	24	67	35	39	15(35)	65	9	62	19
	61	7	65	24(103)	21	21	57	57	6	60	24	65(256)
65.6 10.8	53	53	23	23	67	34	39	13(36)	65	8	62	18
	60	5	65	23(104)	20	20	57	57	5	60	23	65(255)
72.2 8.4	53	53	22	22	66	33	38	13(36)	64	7	61	18
	59	4	65	22(104)	19	19	56	56	4	59	23	65(255)
78.7 6.6	53	53	22	22	67	32	38	12(36)	65	6	61	17
	60	3	65	22(104)	18	18	56	56	3	59	22	65(255)
85.3 5.1	53	53	21	21	67	31	38	11(37)	65	5	61	16
	59	2	65	21(105)	17	17	56	56	1	59	22	65(254)
91.9 3.5	52	52	21	21	67	31	38	11(37)	64	5	61	16
	59	1	65	21(105)	17	17	56	56	1	58	21	65(254)
98.4 2.4	52	52	20	20	67	30	37	9(37)	65	4	61	15
	59	0	65	20(105)	16	16	56	56	0	58	21	66(254)

HA=145.0 HI= 29.5 GGW= 12.6 SL= 0.0 MAX(A,B,C,D)= 6.2 5.6 6.1 6.1

Main boom and fixed jib (jib angle 40.0 degrees)

Length of main boom = 152.2 ft Length of jib = 29.5 ft
 Main boom sequence = 0-0-90-90-90-90 % LK = 62
 Counterweight = 12.6 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.			
	1(0)				2(...)					3(90)		
	4(...)				5(180)							
	A	B	C	D	A	B	C	D	A	B	C	D
52.5 15.7	54	54	25	25	65	36	39	17(34)	64	12	61	21
	60	9	64	25(102)	22	22	56	56	9	60	25	64(257)
59.1 12.3	53	53	24	24	65	35	39	15(35)	64	10	61	20
	60	7	64	24(103)	21	21	56	56	7	59	24	64(256)
65.6 9.7	52	52	23	23	65	34	38	14(35)	63	9	60	19
	59	6	63	23(103)	20	20	56	56	6	59	23	64(256)
72.2 7.5	52	52	23	23	65	33	38	13(35)	63	8	60	18
	59	5	63	22(103)	19	19	56	56	5	59	23	64(256)
78.7 5.7	52	52	22	22	65	32	38	12(36)	63	7	60	17
	59	3	64	22(104)	18	18	56	56	3	58	22	64(255)
85.3 4.2	52	52	21	21	66	32	37	11(36)	64	6	61	16
	59	2	64	21(104)	17	17	56	56	2	58	22	64(255)

91.9 2.6 51 51 21 21 65 31 37 11(36) 63 5 60 16
58 2 64 21(104) 17 17 55 55 2 58 21 64(255)

HA=152.2 HI= 29.5 GGW= 12.6 SL= 0.0 MAX(A,B,C,D)= 6.1 5.6 6.0 6.0

Main boom and fixed jib (jib angle 40.0 degrees)

Length of main boom = 161.4 ft Length of jib = 29.5 ft

Main boom sequence = 0-0-100-100-100-100 % LK = 63

Counterweight = 12.6 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
	1(0)				2(...)					3(90)			
4(...)				5(180)				6(...)					
A	B	C	D	A	B	C	D	A	B	C	D		
59.1	11.9	52	52	25	25	64	35	38	16(34)	63	11	60	20
	59	8	63	24(102)	21	21	56	56	8	59	24	63(257)	
65.6	9.5	52	52	24	24	65	34	38	15(35)	63	9	60	19
	59	6	63	23(103)	20	20	56	56	6	58	24	63(256)	
72.2	7.3	52	52	23	23	65	33	38	14(35)	63	8	60	18
	58	5	63	22(103)	19	19	55	55	5	58	23	63(256)	
78.7	5.5	52	52	22	22	65	32	38	13(36)	63	7	60	17
	58	4	63	22(104)	18	18	55	55	4	58	22	64(255)	
85.3	4.0	52	52	21	21	65	32	37	12(36)	63	6	60	17
	58	3	63	21(104)	18	18	55	55	3	58	22	64(255)	
91.9	2.4	51	51	21	21	65	31	37	12(36)	63	6	60	17
	58	2	63	21(104)	17	17	55	55	2	57	22	63(255)	

HA=161.4 HI= 29.5 GGW= 12.6 SL= 0.0 MAX(A,B,C,D)= 6.0 5.4 5.9 5.9

Main boom and fixed jib (jib angle 40.0 degrees)

Length of main boom = 166.0 ft Length of jib = 29.5 ft

Main boom sequence = 0-45-90-90-90-90 % LK = 68

Counterweight = 12.6 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
	1(0)				2(...)					3(90)			
4(...)				5(180)				6(...)					
A	B	C	D	A	B	C	D	A	B	C	D		
59.1	10.8	52	52	25	25	63	35	38	17(33)	62	11	59	21
	59	9	62	24(101)	21	21	55	55	9	58	24	62(258)	
65.6	8.4	51	51	24	24	63	34	38	15(34)	62	9	59	19
	58	7	62	23(102)	20	20	55	55	7	58	23	62(257)	
72.2	6.2	51	51	23	23	63	33	37	14(35)	62	9	59	19
	58	6	62	23(103)	19	19	55	55	6	57	23	62(256)	
78.7	4.4	51	51	22	22	64	32	37	13(35)	62	7	59	18
	58	4	62	22(103)	19	19	55	55	4	57	22	63(256)	
85.3	2.9	51	51	22	22	64	32	37	13(35)	62	6	59	17
	58	4	63	21(103)	18	18	55	55	3	57	22	63(256)	

HA=166.0 HI= 29.5 GGW= 12.6 SL= 0.0 MAX(A,B,C,D)= 5.9 5.4 5.8 5.8

Main boom and fixed jib (jib angle 40.0 degrees)

Length of main boom = 175.5 ft Length of jib = 29.5 ft

Main boom sequence = 0-45-100-100-100-100 % LK = 69

Counterweight = 12.6 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]												(Pos.[Degrees]) 0-360 Degr.
	1(0)				2(...)				3(90)				
	4(...)				5(180)				6(...)				
A	B	C	D	A	B	C	D	A	B	C	D		
59.1	10.4	51	51	25	25	62	35	38	17(33)	61	12	58	21
		58	9	61	24(101)	22	22	54	54	9	57	24	61(258)
65.6	7.9	51	51	24	24	62	35	37	16(33)	61	10	59	20
		58	8	61	23(101)	21	21	54	54	8	57	24	61(258)
72.2	6.0	51	51	23	23	63	34	37	15(34)	61	9	59	19
		58	6	62	23(102)	20	20	54	54	6	57	23	62(257)
78.7	4.2	50	50	22	22	63	32	37	14(35)	61	8	59	18
		57	5	62	22(103)	19	19	54	54	5	57	22	62(256)
85.3	2.6	50	50	22	22	63	32	37	13(35)	61	7	59	17
		57	4	62	22(103)	18	18	54	54	4	57	22	62(256)

HA=175.5 HI= 29.5 GGW= 12.6 SL= 0.0 MAX(A,B,C,D)= 5.9 5.3 5.8 5.8

HA=175.5 HI= 29.5 GGW= 12.6 SL= 0.0 MAX(A,B,C,D)= 0.0 0.0 0.0 0.0

HA=175.5 HI= 29.5 GGW= 12.6 SL= 0.0 MAX(A,B,C,D)= 0.0 0.0 0.0 0.0

HA=175.5 HI= 29.5 GGW= 12.6 SL= 0.0 MAX(A,B,C,D)= 0.0 0.0 0.0 0.0

HA=175.5 HI= 29.5 GGW= 12.6 SL= 0.0 MAX(A,B,C,D)= 0.0 0.0 0.0 0.0

HA=175.5 HI= 29.5 GGW= 12.6 SL= 0.0 MAX(A,B,C,D)= 0.0 0.0 0.0 0.0

HA=175.5 HI= 29.5 GGW= 12.6 SL= 0.0 MAX(A,B,C,D)= 0.0 0.0 0.0 0.0

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HA= 40.7 HI= 29.5 GGW= 75.8 SL= 0.0 MAX(A,B,C,D)= 8.4 8.4 6.9 7.7
HA= 54.5 HI= 29.5 GGW= 75.8 SL= 0.0 MAX(A,B,C,D)= 8.5 8.5 7.7 7.8
HA= 68.6 HI= 29.5 GGW= 75.8 SL= 0.0 MAX(A,B,C,D)= 8.3 8.0 7.7 7.7
HA= 70.2 HI= 29.5 GGW= 75.8 SL= 0.0 MAX(A,B,C,D)= 8.0 8.0 7.3 7.4
HA= 82.3 HI= 29.5 GGW= 75.8 SL= 0.0 MAX(A,B,C,D)= 9.3 7.8 8.5 8.5
HA= 84.0 HI= 29.5 GGW= 75.8 SL= 0.0 MAX(A,B,C,D)= 8.8 7.4 8.1 8.1
HA= 96.5 HI= 29.5 GGW= 75.8 SL= 0.0 MAX(A,B,C,D)= 9.3 7.8 8.5 8.5
HA=100.4 HI= 29.5 GGW= 75.8 SL= 0.0 MAX(A,B,C,D)= 9.0 7.4 8.3 8.3
HA=110.2 HI= 29.5 GGW= 75.8 SL= 0.0 MAX(A,B,C,D)= 9.4 7.8 8.6 8.6
HA=114.5 HI= 29.5 GGW= 75.8 SL= 0.0 MAX(A,B,C,D)= 9.4 7.8 8.6 8.6
HA=124.3 HI= 29.5 GGW= 75.8 SL= 0.0 MAX(A,B,C,D)= 9.6 7.8 8.7 8.7
HA=130.9 HI= 29.5 GGW= 75.8 SL= 0.0 MAX(A,B,C,D)= 9.6 7.8 8.7 8.7
HA=138.1 HI= 29.5 GGW= 75.8 SL= 0.0 MAX(A,B,C,D)= 9.6 7.9 8.8 8.8
HA=145.0 HI= 29.5 GGW= 75.8 SL= 0.0 MAX(A,B,C,D)= 9.6 7.9 8.8 8.8
HA=152.2 HI= 29.5 GGW= 75.8 SL= 0.0 MAX(A,B,C,D)= 9.6 7.9 8.9 8.9
HA=161.4 HI= 29.5 GGW= 75.8 SL= 0.0 MAX(A,B,C,D)= 9.6 7.9 8.7 8.8
HA=166.0 HI= 29.5 GGW= 75.8 SL= 0.0 MAX(A,B,C,D)= 9.6 7.9 8.8 8.8
HA=175.5 HI= 29.5 GGW= 75.8 SL= 0.0 MAX(A,B,C,D)= 9.6 7.9 8.7 8.8
HA=180.1 HI= 29.5 GGW= 75.8 SL= 0.0 MAX(A,B,C,D)= 9.6 7.9 8.7 8.7
HA=191.9 HI= 29.5 GGW= 75.8 SL= 0.0 MAX(A,B,C,D)= 9.6 7.9 8.7 8.7
HA=193.9 HI= 29.5 GGW= 75.8 SL= 0.0 MAX(A,B,C,D)= 9.5 7.8 8.7 8.7
HA=205.7 HI= 29.5 GGW= 75.8 SL= 0.0 MAX(A,B,C,D)= 9.4 7.8 8.6 8.6

HA=208.0	HI= 29.5	GGW= 75.8	SL= 0.0	MAX(A,B,C,D)= 9.2	7.7	8.5	8.5
HA=222.4	HI= 29.5	GGW= 75.8	SL= 0.0	MAX(A,B,C,D)= 9.1	7.6	8.4	8.4
HA= 40.7	HI= 29.5	GGW= 75.8	SL= 0.0	MAX(A,B,C,D)= 7.8	7.8	6.6	7.3
HA= 54.5	HI= 29.5	GGW= 75.8	SL= 0.0	MAX(A,B,C,D)= 7.4	7.4	6.9	6.9
HA= 68.6	HI= 29.5	GGW= 75.8	SL= 0.0	MAX(A,B,C,D)= 8.3	7.2	7.6	7.7
HA= 70.2	HI= 29.5	GGW= 75.8	SL= 0.0	MAX(A,B,C,D)= 7.6	7.0	7.1	7.1
HA= 82.3	HI= 29.5	GGW= 75.8	SL= 0.0	MAX(A,B,C,D)= 9.3	7.6	8.5	8.5
HA= 84.0	HI= 29.5	GGW= 75.8	SL= 0.0	MAX(A,B,C,D)= 8.7	7.3	8.0	8.0
HA= 96.5	HI= 29.5	GGW= 75.8	SL= 0.0	MAX(A,B,C,D)= 9.3	7.8	8.5	8.5
HA=100.4	HI= 29.5	GGW= 75.8	SL= 0.0	MAX(A,B,C,D)= 8.9	7.3	8.2	8.2
HA=110.2	HI= 29.5	GGW= 75.8	SL= 0.0	MAX(A,B,C,D)= 9.4	7.8	8.6	8.6
HA=114.5	HI= 29.5	GGW= 75.8	SL= 0.0	MAX(A,B,C,D)= 9.3	7.8	8.5	8.5
HA=124.3	HI= 29.5	GGW= 75.8	SL= 0.0	MAX(A,B,C,D)= 9.5	7.8	8.7	8.7
HA=130.9	HI= 29.5	GGW= 75.8	SL= 0.0	MAX(A,B,C,D)= 9.6	7.8	8.7	8.7
HA=138.1	HI= 29.5	GGW= 75.8	SL= 0.0	MAX(A,B,C,D)= 9.6	7.8	8.7	8.8
HA=145.0	HI= 29.5	GGW= 75.8	SL= 0.0	MAX(A,B,C,D)= 9.6	7.8	8.8	8.8
HA=152.2	HI= 29.5	GGW= 75.8	SL= 0.0	MAX(A,B,C,D)= 9.6	7.9	8.8	8.8
HA=161.4	HI= 29.5	GGW= 75.8	SL= 0.0	MAX(A,B,C,D)= 9.6	7.8	8.8	8.8
HA=166.0	HI= 29.5	GGW= 75.8	SL= 0.0	MAX(A,B,C,D)= 9.5	7.9	8.7	8.7
HA=175.5	HI= 29.5	GGW= 75.8	SL= 0.0	MAX(A,B,C,D)= 9.5	7.9	8.7	8.7
HA=180.1	HI= 29.5	GGW= 75.8	SL= 0.0	MAX(A,B,C,D)= 9.6	7.9	8.7	8.8
HA=191.9	HI= 29.5	GGW= 75.8	SL= 0.0	MAX(A,B,C,D)= 9.6	7.9	8.7	8.7
HA=193.9	HI= 29.5	GGW= 75.8	SL= 0.0	MAX(A,B,C,D)= 9.5	7.8	8.7	8.7
HA=205.7	HI= 29.5	GGW= 75.8	SL= 0.0	MAX(A,B,C,D)= 9.4	7.8	8.6	8.6
HA=208.0	HI= 29.5	GGW= 75.8	SL= 0.0	MAX(A,B,C,D)= 9.3	7.7	8.5	8.5
HA=222.4	HI= 29.5	GGW= 75.8	SL= 0.0	MAX(A,B,C,D)= 9.1	7.6	8.4	8.4
HA= 40.7	HI= 29.5	GGW= 75.8	SL= 0.0	MAX(A,B,C,D)= 7.7	7.7	6.4	7.2
HA= 54.5	HI= 29.5	GGW= 75.8	SL= 0.0	MAX(A,B,C,D)= 7.4	7.4	6.2	6.9
HA= 68.6	HI= 29.5	GGW= 75.8	SL= 0.0	MAX(A,B,C,D)= 7.1	7.0	6.8	6.8
HA= 70.2	HI= 29.5	GGW= 75.8	SL= 0.0	MAX(A,B,C,D)= 7.0	7.0	6.2	6.6
HA= 82.3	HI= 29.5	GGW= 75.8	SL= 0.0	MAX(A,B,C,D)= 8.4	7.3	7.8	7.8
HA= 84.0	HI= 29.5	GGW= 75.8	SL= 0.0	MAX(A,B,C,D)= 7.8	7.0	7.2	7.3
HA= 96.5	HI= 29.5	GGW= 75.8	SL= 0.0	MAX(A,B,C,D)= 8.7	7.4	8.0	8.0
HA=100.4	HI= 29.5	GGW= 75.8	SL= 0.0	MAX(A,B,C,D)= 8.3	7.1	7.7	7.7
HA=110.2	HI= 29.5	GGW= 75.8	SL= 0.0	MAX(A,B,C,D)= 9.2	7.8	8.5	8.5
HA=114.5	HI= 29.5	GGW= 75.8	SL= 0.0	MAX(A,B,C,D)= 9.3	7.8	8.4	8.5
HA=124.3	HI= 29.5	GGW= 75.8	SL= 0.0	MAX(A,B,C,D)= 9.3	7.8	8.5	8.5
HA=130.9	HI= 29.5	GGW= 75.8	SL= 0.0	MAX(A,B,C,D)= 9.4	7.8	8.5	8.6
HA=138.1	HI= 29.5	GGW= 75.8	SL= 0.0	MAX(A,B,C,D)= 9.5	7.8	8.7	8.7
HA=145.0	HI= 29.5	GGW= 75.8	SL= 0.0	MAX(A,B,C,D)= 9.4	7.8	8.6	8.6
HA=152.2	HI= 29.5	GGW= 75.8	SL= 0.0	MAX(A,B,C,D)= 9.6	7.9	8.7	8.8
HA=161.4	HI= 29.5	GGW= 75.8	SL= 0.0	MAX(A,B,C,D)= 9.6	7.9	8.7	8.7
HA=166.0	HI= 29.5	GGW= 75.8	SL= 0.0	MAX(A,B,C,D)= 9.6	7.8	8.7	8.7
HA=175.5	HI= 29.5	GGW= 75.8	SL= 0.0	MAX(A,B,C,D)= 9.6	7.8	8.7	8.7
HA=180.1	HI= 29.5	GGW= 75.8	SL= 0.0	MAX(A,B,C,D)= 9.6	7.9	8.7	8.7
HA=191.9	HI= 29.5	GGW= 75.8	SL= 0.0	MAX(A,B,C,D)= 9.6	7.9	8.7	8.7
HA=193.9	HI= 29.5	GGW= 75.8	SL= 0.0	MAX(A,B,C,D)= 9.5	7.8	8.7	8.7
HA=205.7	HI= 29.5	GGW= 75.8	SL= 0.0	MAX(A,B,C,D)= 9.4	7.8	8.6	8.6
HA=208.0	HI= 29.5	GGW= 75.8	SL= 0.0	MAX(A,B,C,D)= 9.3	7.7	8.5	8.5
HA=222.4	HI= 29.5	GGW= 75.8	SL= 0.0	MAX(A,B,C,D)= 9.2	7.7	8.4	8.4
HA= 40.7	HI= 29.5	GGW= 68.6	SL= 0.0	MAX(A,B,C,D)= 8.0	8.0	6.8	7.4
HA= 54.5	HI= 29.5	GGW= 68.6	SL= 0.0	MAX(A,B,C,D)= 8.5	8.0	7.8	7.8
HA= 68.6	HI= 29.5	GGW= 68.6	SL= 0.0	MAX(A,B,C,D)= 8.5	7.5	7.8	7.8
HA= 70.2	HI= 29.5	GGW= 68.6	SL= 0.0	MAX(A,B,C,D)= 7.9	7.5	7.4	7.4

HA= 82.3	HI= 29.5	GGW= 68.6	SL= 0.0	MAX(A,B,C,D)= 8.9	7.6	8.2	8.2
HA= 84.0	HI= 29.5	GGW= 68.6	SL= 0.0	MAX(A,B,C,D)= 8.9	7.6	8.2	8.2
HA= 96.5	HI= 29.5	GGW= 68.6	SL= 0.0	MAX(A,B,C,D)= 9.0	7.6	8.2	8.3
HA=100.4	HI= 29.5	GGW= 68.6	SL= 0.0	MAX(A,B,C,D)= 9.0	7.5	8.2	8.2
HA=110.2	HI= 29.5	GGW= 68.6	SL= 0.0	MAX(A,B,C,D)= 9.1	7.6	8.3	8.4
HA=114.5	HI= 29.5	GGW= 68.6	SL= 0.0	MAX(A,B,C,D)= 9.1	7.6	8.4	8.4
HA=124.3	HI= 29.5	GGW= 68.6	SL= 0.0	MAX(A,B,C,D)= 9.3	7.6	8.5	8.5
HA=130.9	HI= 29.5	GGW= 68.6	SL= 0.0	MAX(A,B,C,D)= 9.2	7.6	8.4	8.5
HA=138.1	HI= 29.5	GGW= 68.6	SL= 0.0	MAX(A,B,C,D)= 9.2	7.6	8.5	8.5
HA=145.0	HI= 29.5	GGW= 68.6	SL= 0.0	MAX(A,B,C,D)= 9.2	7.6	8.5	8.5
HA=152.2	HI= 29.5	GGW= 68.6	SL= 0.0	MAX(A,B,C,D)= 9.2	7.6	8.5	8.5
HA=161.4	HI= 29.5	GGW= 68.6	SL= 0.0	MAX(A,B,C,D)= 9.2	7.7	8.4	8.4
HA=166.0	HI= 29.5	GGW= 68.6	SL= 0.0	MAX(A,B,C,D)= 9.2	7.7	8.5	8.5
HA=175.5	HI= 29.5	GGW= 68.6	SL= 0.0	MAX(A,B,C,D)= 9.2	7.7	8.4	8.5
HA=180.1	HI= 29.5	GGW= 68.6	SL= 0.0	MAX(A,B,C,D)= 9.2	7.6	8.4	8.5
HA=191.9	HI= 29.5	GGW= 68.6	SL= 0.0	MAX(A,B,C,D)= 9.1	7.5	8.4	8.4
HA=193.9	HI= 29.5	GGW= 68.6	SL= 0.0	MAX(A,B,C,D)= 9.0	7.5	8.2	8.3
HA=205.7	HI= 29.5	GGW= 68.6	SL= 0.0	MAX(A,B,C,D)= 8.9	7.5	8.2	8.2
HA=208.0	HI= 29.5	GGW= 68.6	SL= 0.0	MAX(A,B,C,D)= 8.8	7.4	8.1	8.1
HA=222.4	HI= 29.5	GGW= 68.6	SL= 0.0	MAX(A,B,C,D)= 8.6	7.3	8.0	8.0
HA= 40.7	HI= 29.5	GGW= 68.6	SL= 0.0	MAX(A,B,C,D)= 7.4	7.4	6.3	6.9
HA= 54.5	HI= 29.5	GGW= 68.6	SL= 0.0	MAX(A,B,C,D)= 7.4	6.9	7.0	7.0
HA= 68.6	HI= 29.5	GGW= 68.6	SL= 0.0	MAX(A,B,C,D)= 8.4	7.1	7.8	7.8
HA= 70.2	HI= 29.5	GGW= 68.6	SL= 0.0	MAX(A,B,C,D)= 7.7	6.8	7.3	7.3
HA= 82.3	HI= 29.5	GGW= 68.6	SL= 0.0	MAX(A,B,C,D)= 8.9	7.6	8.2	8.2
HA= 84.0	HI= 29.5	GGW= 68.6	SL= 0.0	MAX(A,B,C,D)= 8.8	7.2	8.2	8.2
HA= 96.5	HI= 29.5	GGW= 68.6	SL= 0.0	MAX(A,B,C,D)= 9.0	7.6	8.2	8.3
HA=100.4	HI= 29.5	GGW= 68.6	SL= 0.0	MAX(A,B,C,D)= 8.9	7.5	8.2	8.2
HA=110.2	HI= 29.5	GGW= 68.6	SL= 0.0	MAX(A,B,C,D)= 9.0	7.6	8.3	8.3
HA=114.5	HI= 29.5	GGW= 68.6	SL= 0.0	MAX(A,B,C,D)= 9.1	7.5	8.3	8.3
HA=124.3	HI= 29.5	GGW= 68.6	SL= 0.0	MAX(A,B,C,D)= 9.2	7.6	8.4	8.4
HA=130.9	HI= 29.5	GGW= 68.6	SL= 0.0	MAX(A,B,C,D)= 9.2	7.6	8.5	8.5
HA=138.1	HI= 29.5	GGW= 68.6	SL= 0.0	MAX(A,B,C,D)= 9.2	7.6	8.5	8.5
HA=145.0	HI= 29.5	GGW= 68.6	SL= 0.0	MAX(A,B,C,D)= 9.2	7.6	8.6	8.6
HA=152.2	HI= 29.5	GGW= 68.6	SL= 0.0	MAX(A,B,C,D)= 9.2	7.6	8.4	8.5
HA=161.4	HI= 29.5	GGW= 68.6	SL= 0.0	MAX(A,B,C,D)= 9.2	7.6	8.4	8.5
HA=166.0	HI= 29.5	GGW= 68.6	SL= 0.0	MAX(A,B,C,D)= 9.2	7.6	8.5	8.5
HA=175.5	HI= 29.5	GGW= 68.6	SL= 0.0	MAX(A,B,C,D)= 9.2	7.6	8.5	8.5
HA=180.1	HI= 29.5	GGW= 68.6	SL= 0.0	MAX(A,B,C,D)= 9.2	7.7	8.4	8.4
HA=191.9	HI= 29.5	GGW= 68.6	SL= 0.0	MAX(A,B,C,D)= 9.2	7.6	8.4	8.4
HA=193.9	HI= 29.5	GGW= 68.6	SL= 0.0	MAX(A,B,C,D)= 9.0	7.5	8.3	8.3
HA=205.7	HI= 29.5	GGW= 68.6	SL= 0.0	MAX(A,B,C,D)= 9.0	7.5	8.2	8.2
HA=208.0	HI= 29.5	GGW= 68.6	SL= 0.0	MAX(A,B,C,D)= 8.8	7.4	8.1	8.1
HA=222.4	HI= 29.5	GGW= 68.6	SL= 0.0	MAX(A,B,C,D)= 8.6	7.3	8.0	8.0
HA= 40.7	HI= 29.5	GGW= 68.6	SL= 0.0	MAX(A,B,C,D)= 7.2	7.2	6.1	6.8
HA= 54.5	HI= 29.5	GGW= 68.6	SL= 0.0	MAX(A,B,C,D)= 6.9	6.9	6.0	6.5
HA= 68.6	HI= 29.5	GGW= 68.6	SL= 0.0	MAX(A,B,C,D)= 7.3	6.7	6.9	6.9
HA= 70.2	HI= 29.5	GGW= 68.6	SL= 0.0	MAX(A,B,C,D)= 6.7	6.6	6.4	6.4
HA= 82.3	HI= 29.5	GGW= 68.6	SL= 0.0	MAX(A,B,C,D)= 8.6	7.2	7.9	7.9
HA= 84.0	HI= 29.5	GGW= 68.6	SL= 0.0	MAX(A,B,C,D)= 7.9	6.9	7.4	7.4
HA= 96.5	HI= 29.5	GGW= 68.6	SL= 0.0	MAX(A,B,C,D)= 8.8	7.3	8.2	8.2
HA=100.4	HI= 29.5	GGW= 68.6	SL= 0.0	MAX(A,B,C,D)= 8.4	7.0	7.8	7.8
HA=110.2	HI= 29.5	GGW= 68.6	SL= 0.0	MAX(A,B,C,D)= 8.9	7.5	8.2	8.2
HA=114.5	HI= 29.5	GGW= 68.6	SL= 0.0	MAX(A,B,C,D)= 8.9	7.5	8.2	8.2

HA=124.3	HI= 29.5	GGW= 68.6	SL= 0.0	MAX(A,B,C,D)= 9.0	7.5	8.2	8.3
HA=130.9	HI= 29.5	GGW= 68.6	SL= 0.0	MAX(A,B,C,D)= 9.0	7.5	8.3	8.3
HA=138.1	HI= 29.5	GGW= 68.6	SL= 0.0	MAX(A,B,C,D)= 9.2	7.6	8.4	8.5
HA=145.0	HI= 29.5	GGW= 68.6	SL= 0.0	MAX(A,B,C,D)= 9.2	7.5	8.4	8.4
HA=152.2	HI= 29.5	GGW= 68.6	SL= 0.0	MAX(A,B,C,D)= 9.2	7.6	8.4	8.5
HA=161.4	HI= 29.5	GGW= 68.6	SL= 0.0	MAX(A,B,C,D)= 9.2	7.6	8.5	8.5
HA=166.0	HI= 29.5	GGW= 68.6	SL= 0.0	MAX(A,B,C,D)= 9.2	7.6	8.4	8.5
HA=175.5	HI= 29.5	GGW= 68.6	SL= 0.0	MAX(A,B,C,D)= 9.2	7.6	8.4	8.4
HA=180.1	HI= 29.5	GGW= 68.6	SL= 0.0	MAX(A,B,C,D)= 9.2	7.6	8.4	8.4
HA=191.9	HI= 29.5	GGW= 68.6	SL= 0.0	MAX(A,B,C,D)= 9.2	7.6	8.4	8.4
HA=193.9	HI= 29.5	GGW= 68.6	SL= 0.0	MAX(A,B,C,D)= 9.1	7.6	8.3	8.3
HA=205.7	HI= 29.5	GGW= 68.6	SL= 0.0	MAX(A,B,C,D)= 8.9	7.5	8.2	8.2
HA=208.0	HI= 29.5	GGW= 68.6	SL= 0.0	MAX(A,B,C,D)= 8.8	7.4	8.1	8.2
HA=222.4	HI= 29.5	GGW= 68.6	SL= 0.0	MAX(A,B,C,D)= 8.6	7.3	8.0	8.0
HA= 40.7	HI= 29.5	GGW= 55.8	SL= 0.0	MAX(A,B,C,D)= 7.5	7.1	7.0	7.0
HA= 54.5	HI= 29.5	GGW= 55.8	SL= 0.0	MAX(A,B,C,D)= 8.5	7.2	7.8	7.9
HA= 68.6	HI= 29.5	GGW= 55.8	SL= 0.0	MAX(A,B,C,D)= 8.4	7.2	7.7	7.8
HA= 70.2	HI= 29.5	GGW= 55.8	SL= 0.0	MAX(A,B,C,D)= 8.0	6.8	7.6	7.6
HA= 82.3	HI= 29.5	GGW= 55.8	SL= 0.0	MAX(A,B,C,D)= 8.4	7.2	7.8	7.8
HA= 84.0	HI= 29.5	GGW= 55.8	SL= 0.0	MAX(A,B,C,D)= 8.4	7.2	7.8	7.8
HA= 96.5	HI= 29.5	GGW= 55.8	SL= 0.0	MAX(A,B,C,D)= 8.5	7.2	7.8	7.8
HA=100.4	HI= 29.5	GGW= 55.8	SL= 0.0	MAX(A,B,C,D)= 8.4	7.2	7.8	7.8
HA=110.2	HI= 29.5	GGW= 55.8	SL= 0.0	MAX(A,B,C,D)= 8.6	7.3	8.0	8.0
HA=114.5	HI= 29.5	GGW= 55.8	SL= 0.0	MAX(A,B,C,D)= 8.6	7.2	7.9	8.0
HA=124.3	HI= 29.5	GGW= 55.8	SL= 0.0	MAX(A,B,C,D)= 8.6	7.2	8.0	8.0
HA=130.9	HI= 29.5	GGW= 55.8	SL= 0.0	MAX(A,B,C,D)= 8.6	7.2	8.0	8.0
HA=138.1	HI= 29.5	GGW= 55.8	SL= 0.0	MAX(A,B,C,D)= 8.7	7.3	8.1	8.1
HA=145.0	HI= 29.5	GGW= 55.8	SL= 0.0	MAX(A,B,C,D)= 8.6	7.3	7.9	8.0
HA=152.2	HI= 29.5	GGW= 55.8	SL= 0.0	MAX(A,B,C,D)= 8.7	7.3	8.1	8.1
HA=161.4	HI= 29.5	GGW= 55.8	SL= 0.0	MAX(A,B,C,D)= 8.6	7.3	7.9	7.9
HA=166.0	HI= 29.5	GGW= 55.8	SL= 0.0	MAX(A,B,C,D)= 8.6	7.3	7.9	8.0
HA=175.5	HI= 29.5	GGW= 55.8	SL= 0.0	MAX(A,B,C,D)= 8.5	7.2	7.9	8.0
HA=180.1	HI= 29.5	GGW= 55.8	SL= 0.0	MAX(A,B,C,D)= 8.5	7.1	7.9	7.9
HA=191.9	HI= 29.5	GGW= 55.8	SL= 0.0	MAX(A,B,C,D)= 8.3	7.0	7.7	7.8
HA=193.9	HI= 29.5	GGW= 55.8	SL= 0.0	MAX(A,B,C,D)= 8.2	7.0	7.6	7.6
HA=205.7	HI= 29.5	GGW= 55.8	SL= 0.0	MAX(A,B,C,D)= 8.1	6.9	7.5	7.5
HA=208.0	HI= 29.5	GGW= 55.8	SL= 0.0	MAX(A,B,C,D)= 8.0	6.9	7.4	7.4
HA=222.4	HI= 29.5	GGW= 55.8	SL= 0.0	MAX(A,B,C,D)= 7.9	6.8	7.4	7.4
HA= 40.7	HI= 29.5	GGW= 55.8	SL= 0.0	MAX(A,B,C,D)= 6.5	6.5	6.2	6.2
HA= 54.5	HI= 29.5	GGW= 55.8	SL= 0.0	MAX(A,B,C,D)= 7.7	6.7	7.2	7.2
HA= 68.6	HI= 29.5	GGW= 55.8	SL= 0.0	MAX(A,B,C,D)= 8.4	7.1	7.8	7.8
HA= 70.2	HI= 29.5	GGW= 55.8	SL= 0.0	MAX(A,B,C,D)= 7.9	6.7	7.5	7.5
HA= 82.3	HI= 29.5	GGW= 55.8	SL= 0.0	MAX(A,B,C,D)= 8.4	7.1	7.8	7.8
HA= 84.0	HI= 29.5	GGW= 55.8	SL= 0.0	MAX(A,B,C,D)= 8.4	7.1	7.7	7.7
HA= 96.5	HI= 29.5	GGW= 55.8	SL= 0.0	MAX(A,B,C,D)= 8.4	7.1	7.8	7.8
HA=100.4	HI= 29.5	GGW= 55.8	SL= 0.0	MAX(A,B,C,D)= 8.4	7.1	7.8	7.8
HA=110.2	HI= 29.5	GGW= 55.8	SL= 0.0	MAX(A,B,C,D)= 8.5	7.1	7.9	7.9
HA=114.5	HI= 29.5	GGW= 55.8	SL= 0.0	MAX(A,B,C,D)= 8.6	7.1	7.9	7.9
HA=124.3	HI= 29.5	GGW= 55.8	SL= 0.0	MAX(A,B,C,D)= 8.6	7.2	8.0	8.0
HA=130.9	HI= 29.5	GGW= 55.8	SL= 0.0	MAX(A,B,C,D)= 8.6	7.2	7.9	8.0
HA=138.1	HI= 29.5	GGW= 55.8	SL= 0.0	MAX(A,B,C,D)= 8.6	7.2	8.0	8.0
HA=145.0	HI= 29.5	GGW= 55.8	SL= 0.0	MAX(A,B,C,D)= 8.6	7.1	7.9	7.9
HA=152.2	HI= 29.5	GGW= 55.8	SL= 0.0	MAX(A,B,C,D)= 8.6	7.2	7.9	8.0
HA=161.4	HI= 29.5	GGW= 55.8	SL= 0.0	MAX(A,B,C,D)= 8.6	7.2	7.9	8.0

HA=166.0 HI= 29.5 GGW= 55.8 SL= 0.0 MAX(A,B,C,D)= 8.5 7.3 7.9 8.0
HA=175.5 HI= 29.5 GGW= 55.8 SL= 0.0 MAX(A,B,C,D)= 8.5 7.2 7.9 7.9
HA=180.1 HI= 29.5 GGW= 55.8 SL= 0.0 MAX(A,B,C,D)= 8.5 7.1 7.8 7.9
HA=191.9 HI= 29.5 GGW= 55.8 SL= 0.0 MAX(A,B,C,D)= 8.3 7.0 7.7 7.7
HA=193.9 HI= 29.5 GGW= 55.8 SL= 0.0 MAX(A,B,C,D)= 8.2 7.0 7.7 7.7
HA=205.7 HI= 29.5 GGW= 55.8 SL= 0.0 MAX(A,B,C,D)= 8.1 6.9 7.5 7.5
HA=208.0 HI= 29.5 GGW= 55.8 SL= 0.0 MAX(A,B,C,D)= 8.0 6.9 7.5 7.5
HA=222.4 HI= 29.5 GGW= 55.8 SL= 0.0 MAX(A,B,C,D)= 7.8 6.8 7.3 7.4
HA= 40.7 HI= 29.5 GGW= 55.8 SL= 0.0 MAX(A,B,C,D)= 6.4 6.4 5.6 6.1
HA= 54.5 HI= 29.5 GGW= 55.8 SL= 0.0 MAX(A,B,C,D)= 6.6 6.3 6.3 6.3
HA= 68.6 HI= 29.5 GGW= 55.8 SL= 0.0 MAX(A,B,C,D)= 7.5 6.6 7.1 7.1
HA= 70.2 HI= 29.5 GGW= 55.8 SL= 0.0 MAX(A,B,C,D)= 6.9 6.4 6.6 6.6
HA= 82.3 HI= 29.5 GGW= 55.8 SL= 0.0 MAX(A,B,C,D)= 8.3 7.1 7.7 7.7
HA= 84.0 HI= 29.5 GGW= 55.8 SL= 0.0 MAX(A,B,C,D)= 8.0 6.8 7.6 7.6
HA= 96.5 HI= 29.5 GGW= 55.8 SL= 0.0 MAX(A,B,C,D)= 8.3 7.1 7.7 7.7
HA=100.4 HI= 29.5 GGW= 55.8 SL= 0.0 MAX(A,B,C,D)= 8.3 7.1 7.7 7.7
HA=110.2 HI= 29.5 GGW= 55.8 SL= 0.0 MAX(A,B,C,D)= 8.4 7.1 7.7 7.8
HA=114.5 HI= 29.5 GGW= 55.8 SL= 0.0 MAX(A,B,C,D)= 8.3 7.1 7.7 7.7
HA=124.3 HI= 29.5 GGW= 55.8 SL= 0.0 MAX(A,B,C,D)= 8.4 7.1 7.8 7.8
HA=130.9 HI= 29.5 GGW= 55.8 SL= 0.0 MAX(A,B,C,D)= 8.5 7.1 7.9 7.9
HA=138.1 HI= 29.5 GGW= 55.8 SL= 0.0 MAX(A,B,C,D)= 8.6 7.1 7.9 8.0
HA=145.0 HI= 29.5 GGW= 55.8 SL= 0.0 MAX(A,B,C,D)= 8.5 7.1 7.9 7.9
HA=152.2 HI= 29.5 GGW= 55.8 SL= 0.0 MAX(A,B,C,D)= 8.6 7.1 7.9 7.9
HA=161.4 HI= 29.5 GGW= 55.8 SL= 0.0 MAX(A,B,C,D)= 8.6 7.2 7.9 7.9
HA=166.0 HI= 29.5 GGW= 55.8 SL= 0.0 MAX(A,B,C,D)= 8.6 7.2 7.9 8.0
HA=175.5 HI= 29.5 GGW= 55.8 SL= 0.0 MAX(A,B,C,D)= 8.5 7.2 7.9 7.9
HA=180.1 HI= 29.5 GGW= 55.8 SL= 0.0 MAX(A,B,C,D)= 8.5 7.1 7.9 7.9
HA=191.9 HI= 29.5 GGW= 55.8 SL= 0.0 MAX(A,B,C,D)= 8.3 7.0 7.7 7.7
HA=193.9 HI= 29.5 GGW= 55.8 SL= 0.0 MAX(A,B,C,D)= 8.2 7.0 7.6 7.7
HA=205.7 HI= 29.5 GGW= 55.8 SL= 0.0 MAX(A,B,C,D)= 8.2 6.9 7.6 7.6
HA=208.0 HI= 29.5 GGW= 55.8 SL= 0.0 MAX(A,B,C,D)= 8.0 6.9 7.5 7.5
HA=222.4 HI= 29.5 GGW= 55.8 SL= 0.0 MAX(A,B,C,D)= 7.8 6.8 7.4 7.4
HA= 40.7 HI= 29.5 GGW= 48.7 SL= 0.0 MAX(A,B,C,D)= 7.6 6.6 7.1 7.2
HA= 54.5 HI= 29.5 GGW= 48.7 SL= 0.0 MAX(A,B,C,D)= 8.2 7.0 7.6 7.7
HA= 68.6 HI= 29.5 GGW= 48.7 SL= 0.0 MAX(A,B,C,D)= 8.1 7.0 7.5 7.5
HA= 70.2 HI= 29.5 GGW= 48.7 SL= 0.0 MAX(A,B,C,D)= 8.0 6.9 7.5 7.5
HA= 82.3 HI= 29.5 GGW= 48.7 SL= 0.0 MAX(A,B,C,D)= 8.1 7.0 7.6 7.6
HA= 84.0 HI= 29.5 GGW= 48.7 SL= 0.0 MAX(A,B,C,D)= 8.1 6.9 7.5 7.6
HA= 96.5 HI= 29.5 GGW= 48.7 SL= 0.0 MAX(A,B,C,D)= 8.2 6.9 7.7 7.7
HA=100.4 HI= 29.5 GGW= 48.7 SL= 0.0 MAX(A,B,C,D)= 8.1 6.9 7.6 7.6
HA=110.2 HI= 29.5 GGW= 48.7 SL= 0.0 MAX(A,B,C,D)= 8.3 7.0 7.7 7.8
HA=114.5 HI= 29.5 GGW= 48.7 SL= 0.0 MAX(A,B,C,D)= 8.2 7.0 7.6 7.7
HA=124.3 HI= 29.5 GGW= 48.7 SL= 0.0 MAX(A,B,C,D)= 8.4 7.0 7.9 7.9
HA=130.9 HI= 29.5 GGW= 48.7 SL= 0.0 MAX(A,B,C,D)= 8.2 7.0 7.7 7.7
HA=138.1 HI= 29.5 GGW= 48.7 SL= 0.0 MAX(A,B,C,D)= 8.4 7.1 7.9 7.9
HA=145.0 HI= 29.5 GGW= 48.7 SL= 0.0 MAX(A,B,C,D)= 8.3 7.1 7.7 7.7
HA=152.2 HI= 29.5 GGW= 48.7 SL= 0.0 MAX(A,B,C,D)= 8.3 7.1 7.7 7.7
HA=161.4 HI= 29.5 GGW= 48.7 SL= 0.0 MAX(A,B,C,D)= 8.2 7.0 7.6 7.7
HA=166.0 HI= 29.5 GGW= 48.7 SL= 0.0 MAX(A,B,C,D)= 8.1 6.9 7.6 7.6
HA=175.5 HI= 29.5 GGW= 48.7 SL= 0.0 MAX(A,B,C,D)= 8.1 6.9 7.6 7.6
HA=180.1 HI= 29.5 GGW= 48.7 SL= 0.0 MAX(A,B,C,D)= 8.0 6.8 7.5 7.5
HA=191.9 HI= 29.5 GGW= 48.7 SL= 0.0 MAX(A,B,C,D)= 7.8 6.7 7.3 7.4
HA=193.9 HI= 29.5 GGW= 48.7 SL= 0.0 MAX(A,B,C,D)= 7.8 6.7 7.3 7.3
HA=205.7 HI= 29.5 GGW= 48.7 SL= 0.0 MAX(A,B,C,D)= 7.7 6.6 7.2 7.3

HA=208.0	HI= 29.5	GGW= 48.7	SL= 0.0	MAX(A,B,C,D)= 7.6	6.5	7.1	7.1
HA=222.4	HI= 29.5	GGW= 48.7	SL= 0.0	MAX(A,B,C,D)= 7.4	6.5	7.0	7.0
HA= 40.7	HI= 29.5	GGW= 48.7	SL= 0.0	MAX(A,B,C,D)= 6.6	6.2	6.3	6.3
HA= 54.5	HI= 29.5	GGW= 48.7	SL= 0.0	MAX(A,B,C,D)= 7.7	6.6	7.3	7.3
HA= 68.6	HI= 29.5	GGW= 48.7	SL= 0.0	MAX(A,B,C,D)= 8.0	6.9	7.5	7.5
HA= 70.2	HI= 29.5	GGW= 48.7	SL= 0.0	MAX(A,B,C,D)= 8.0	6.9	7.5	7.5
HA= 82.3	HI= 29.5	GGW= 48.7	SL= 0.0	MAX(A,B,C,D)= 8.0	7.0	7.5	7.5
HA= 84.0	HI= 29.5	GGW= 48.7	SL= 0.0	MAX(A,B,C,D)= 8.0	6.9	7.5	7.5
HA= 96.5	HI= 29.5	GGW= 48.7	SL= 0.0	MAX(A,B,C,D)= 8.1	7.0	7.6	7.6
HA=100.4	HI= 29.5	GGW= 48.7	SL= 0.0	MAX(A,B,C,D)= 8.1	6.8	7.5	7.5
HA=110.2	HI= 29.5	GGW= 48.7	SL= 0.0	MAX(A,B,C,D)= 8.3	7.0	7.7	7.7
HA=114.5	HI= 29.5	GGW= 48.7	SL= 0.0	MAX(A,B,C,D)= 8.2	7.0	7.6	7.6
HA=124.3	HI= 29.5	GGW= 48.7	SL= 0.0	MAX(A,B,C,D)= 8.2	6.9	7.6	7.7
HA=130.9	HI= 29.5	GGW= 48.7	SL= 0.0	MAX(A,B,C,D)= 8.2	6.9	7.6	7.7
HA=138.1	HI= 29.5	GGW= 48.7	SL= 0.0	MAX(A,B,C,D)= 8.2	6.9	7.7	7.7
HA=145.0	HI= 29.5	GGW= 48.7	SL= 0.0	MAX(A,B,C,D)= 8.2	6.9	7.6	7.7
HA=152.2	HI= 29.5	GGW= 48.7	SL= 0.0	MAX(A,B,C,D)= 8.3	7.0	7.7	7.7
HA=161.4	HI= 29.5	GGW= 48.7	SL= 0.0	MAX(A,B,C,D)= 8.2	7.0	7.6	7.7
HA=166.0	HI= 29.5	GGW= 48.7	SL= 0.0	MAX(A,B,C,D)= 8.1	6.9	7.6	7.6
HA=175.5	HI= 29.5	GGW= 48.7	SL= 0.0	MAX(A,B,C,D)= 8.1	6.9	7.6	7.6
HA=180.1	HI= 29.5	GGW= 48.7	SL= 0.0	MAX(A,B,C,D)= 8.0	6.8	7.5	7.5
HA=191.9	HI= 29.5	GGW= 48.7	SL= 0.0	MAX(A,B,C,D)= 7.9	6.7	7.4	7.4
HA=193.9	HI= 29.5	GGW= 48.7	SL= 0.0	MAX(A,B,C,D)= 7.8	6.7	7.3	7.3
HA=205.7	HI= 29.5	GGW= 48.7	SL= 0.0	MAX(A,B,C,D)= 7.7	6.6	7.2	7.2
HA=208.0	HI= 29.5	GGW= 48.7	SL= 0.0	MAX(A,B,C,D)= 7.5	6.6	7.1	7.1
HA=208.0	HI= 29.5	GGW= 48.7	SL= 0.0	MAX(A,B,C,D)= 0.0	0.0	0.0	0.0
HA= 40.7	HI= 29.5	GGW= 48.7	SL= 0.0	MAX(A,B,C,D)= 5.9	5.9	5.3	5.7
HA= 54.5	HI= 29.5	GGW= 48.7	SL= 0.0	MAX(A,B,C,D)= 6.7	6.2	6.4	6.4
HA= 68.6	HI= 29.5	GGW= 48.7	SL= 0.0	MAX(A,B,C,D)= 7.6	6.5	7.2	7.2
HA= 70.2	HI= 29.5	GGW= 48.7	SL= 0.0	MAX(A,B,C,D)= 7.1	6.3	6.7	6.7
HA= 82.3	HI= 29.5	GGW= 48.7	SL= 0.0	MAX(A,B,C,D)= 8.0	6.9	7.4	7.5
HA= 84.0	HI= 29.5	GGW= 48.7	SL= 0.0	MAX(A,B,C,D)= 7.9	6.8	7.4	7.4
HA= 96.5	HI= 29.5	GGW= 48.7	SL= 0.0	MAX(A,B,C,D)= 7.9	6.9	7.4	7.4
HA=100.4	HI= 29.5	GGW= 48.7	SL= 0.0	MAX(A,B,C,D)= 7.9	6.9	7.4	7.4
HA=110.2	HI= 29.5	GGW= 48.7	SL= 0.0	MAX(A,B,C,D)= 8.0	6.9	7.5	7.5
HA=114.5	HI= 29.5	GGW= 48.7	SL= 0.0	MAX(A,B,C,D)= 8.1	6.9	7.5	7.6
HA=124.3	HI= 29.5	GGW= 48.7	SL= 0.0	MAX(A,B,C,D)= 8.2	6.9	7.6	7.6
HA=130.9	HI= 29.5	GGW= 48.7	SL= 0.0	MAX(A,B,C,D)= 8.2	6.9	7.6	7.7
HA=138.1	HI= 29.5	GGW= 48.7	SL= 0.0	MAX(A,B,C,D)= 8.2	6.9	7.6	7.7
HA=145.0	HI= 29.5	GGW= 48.7	SL= 0.0	MAX(A,B,C,D)= 8.2	6.9	7.6	7.6
HA=152.2	HI= 29.5	GGW= 48.7	SL= 0.0	MAX(A,B,C,D)= 8.2	6.9	7.7	7.7
HA=161.4	HI= 29.5	GGW= 48.7	SL= 0.0	MAX(A,B,C,D)= 8.2	6.9	7.6	7.7
HA=166.0	HI= 29.5	GGW= 48.7	SL= 0.0	MAX(A,B,C,D)= 8.2	6.9	7.6	7.7
HA=175.5	HI= 29.5	GGW= 48.7	SL= 0.0	MAX(A,B,C,D)= 8.2	6.9	7.6	7.6
HA=180.1	HI= 29.5	GGW= 48.7	SL= 0.0	MAX(A,B,C,D)= 8.0	6.8	7.5	7.5
HA=191.9	HI= 29.5	GGW= 48.7	SL= 0.0	MAX(A,B,C,D)= 7.9	6.8	7.4	7.4
HA=193.9	HI= 29.5	GGW= 48.7	SL= 0.0	MAX(A,B,C,D)= 7.7	6.7	7.3	7.3
HA=205.7	HI= 29.5	GGW= 48.7	SL= 0.0	MAX(A,B,C,D)= 7.7	6.6	7.2	7.2
HA=208.0	HI= 29.5	GGW= 48.7	SL= 0.0	MAX(A,B,C,D)= 7.6	6.6	7.1	7.1
HA=208.0	HI= 29.5	GGW= 48.7	SL= 0.0	MAX(A,B,C,D)= 0.0	0.0	0.0	0.0
HA= 40.7	HI= 29.5	GGW= 39.7	SL= 0.0	MAX(A,B,C,D)= 7.7	6.7	7.2	7.2
HA= 54.5	HI= 29.5	GGW= 39.7	SL= 0.0	MAX(A,B,C,D)= 7.9	6.9	7.4	7.4
HA= 68.6	HI= 29.5	GGW= 39.7	SL= 0.0	MAX(A,B,C,D)= 7.7	6.7	7.2	7.3
HA= 70.2	HI= 29.5	GGW= 39.7	SL= 0.0	MAX(A,B,C,D)= 7.7	6.6	7.2	7.2

HA= 82.3 HI= 29.5 GGW= 39.7 SL= 0.0 MAX(A,B,C,D)= 7.9 6.9 7.4 7.4
HA= 84.0 HI= 29.5 GGW= 39.7 SL= 0.0 MAX(A,B,C,D)= 7.7 6.7 7.2 7.2
HA= 96.5 HI= 29.5 GGW= 39.7 SL= 0.0 MAX(A,B,C,D)= 7.9 6.9 7.4 7.4
HA=100.4 HI= 29.5 GGW= 39.7 SL= 0.0 MAX(A,B,C,D)= 7.7 6.7 7.3 7.3
HA=110.2 HI= 29.5 GGW= 39.7 SL= 0.0 MAX(A,B,C,D)= 8.1 6.9 7.6 7.6
HA=114.5 HI= 29.5 GGW= 39.7 SL= 0.0 MAX(A,B,C,D)= 7.8 6.8 7.4 7.4
HA=124.3 HI= 29.5 GGW= 39.7 SL= 0.0 MAX(A,B,C,D)= 8.2 6.9 7.7 7.7
HA=130.9 HI= 29.5 GGW= 39.7 SL= 0.0 MAX(A,B,C,D)= 7.9 6.9 7.4 7.4
HA=138.1 HI= 29.5 GGW= 39.7 SL= 0.0 MAX(A,B,C,D)= 8.0 6.9 7.5 7.5
HA=145.0 HI= 29.5 GGW= 39.7 SL= 0.0 MAX(A,B,C,D)= 7.9 6.8 7.4 7.4
HA=152.2 HI= 29.5 GGW= 39.7 SL= 0.0 MAX(A,B,C,D)= 7.8 6.7 7.3 7.3
HA=161.4 HI= 29.5 GGW= 39.7 SL= 0.0 MAX(A,B,C,D)= 7.7 6.6 7.3 7.4
HA=166.0 HI= 29.5 GGW= 39.7 SL= 0.0 MAX(A,B,C,D)= 7.6 6.6 7.2 7.2
HA=175.5 HI= 29.5 GGW= 39.7 SL= 0.0 MAX(A,B,C,D)= 7.6 6.5 7.1 7.1
HA=180.1 HI= 29.5 GGW= 39.7 SL= 0.0 MAX(A,B,C,D)= 7.4 6.4 7.0 7.0
HA=191.9 HI= 29.5 GGW= 39.7 SL= 0.0 MAX(A,B,C,D)= 7.4 6.4 6.9 7.0
HA=193.9 HI= 29.5 GGW= 39.7 SL= 0.0 MAX(A,B,C,D)= 7.2 6.3 6.8 6.8
HA=205.7 HI= 29.5 GGW= 39.7 SL= 0.0 MAX(A,B,C,D)= 7.1 6.2 6.7 6.7
HA=208.0 HI= 29.5 GGW= 39.7 SL= 0.0 MAX(A,B,C,D)= 6.9 6.2 6.6 6.6
HA=208.0 HI= 29.5 GGW= 39.7 SL= 0.0 MAX(A,B,C,D)= 0.0 0.0 0.0 0.0
HA= 40.7 HI= 29.5 GGW= 39.7 SL= 0.0 MAX(A,B,C,D)= 6.7 6.1 6.5 6.5
HA= 54.5 HI= 29.5 GGW= 39.7 SL= 0.0 MAX(A,B,C,D)= 7.7 6.7 7.2 7.2
HA= 68.6 HI= 29.5 GGW= 39.7 SL= 0.0 MAX(A,B,C,D)= 7.7 6.6 7.2 7.2
HA= 70.2 HI= 29.5 GGW= 39.7 SL= 0.0 MAX(A,B,C,D)= 7.6 6.6 7.2 7.2
HA= 82.3 HI= 29.5 GGW= 39.7 SL= 0.0 MAX(A,B,C,D)= 7.7 6.6 7.2 7.3
HA= 84.0 HI= 29.5 GGW= 39.7 SL= 0.0 MAX(A,B,C,D)= 7.6 6.6 7.2 7.2
HA= 96.5 HI= 29.5 GGW= 39.7 SL= 0.0 MAX(A,B,C,D)= 7.7 6.7 7.3 7.3
HA=100.4 HI= 29.5 GGW= 39.7 SL= 0.0 MAX(A,B,C,D)= 7.8 6.6 7.3 7.3
HA=110.2 HI= 29.5 GGW= 39.7 SL= 0.0 MAX(A,B,C,D)= 7.8 6.8 7.4 7.5
HA=114.5 HI= 29.5 GGW= 39.7 SL= 0.0 MAX(A,B,C,D)= 7.8 6.7 7.3 7.4
HA=124.3 HI= 29.5 GGW= 39.7 SL= 0.0 MAX(A,B,C,D)= 7.8 6.8 7.3 7.4
HA=130.9 HI= 29.5 GGW= 39.7 SL= 0.0 MAX(A,B,C,D)= 7.8 6.7 7.4 7.5
HA=138.1 HI= 29.5 GGW= 39.7 SL= 0.0 MAX(A,B,C,D)= 7.8 6.8 7.4 7.4
HA=145.0 HI= 29.5 GGW= 39.7 SL= 0.0 MAX(A,B,C,D)= 7.8 6.8 7.4 7.4
HA=152.2 HI= 29.5 GGW= 39.7 SL= 0.0 MAX(A,B,C,D)= 7.8 6.7 7.3 7.3
HA=161.4 HI= 29.5 GGW= 39.7 SL= 0.0 MAX(A,B,C,D)= 7.7 6.6 7.3 7.4
HA=166.0 HI= 29.5 GGW= 39.7 SL= 0.0 MAX(A,B,C,D)= 7.6 6.6 7.2 7.2
HA=175.5 HI= 29.5 GGW= 39.7 SL= 0.0 MAX(A,B,C,D)= 7.6 6.5 7.1 7.1
HA=180.1 HI= 29.5 GGW= 39.7 SL= 0.0 MAX(A,B,C,D)= 7.4 6.4 7.0 7.0
HA=191.9 HI= 29.5 GGW= 39.7 SL= 0.0 MAX(A,B,C,D)= 7.4 6.4 6.9 7.0
HA=193.9 HI= 29.5 GGW= 39.7 SL= 0.0 MAX(A,B,C,D)= 7.2 6.3 6.8 6.8
HA=205.7 HI= 29.5 GGW= 39.7 SL= 0.0 MAX(A,B,C,D)= 7.1 6.2 6.7 6.7
HA=205.7 HI= 29.5 GGW= 39.7 SL= 0.0 MAX(A,B,C,D)= 0.0 0.0 0.0 0.0
HA=205.7 HI= 29.5 GGW= 39.7 SL= 0.0 MAX(A,B,C,D)= 0.0 0.0 0.0 0.0
HA= 40.7 HI= 29.5 GGW= 39.7 SL= 0.0 MAX(A,B,C,D)= 5.6 5.6 5.4 5.4
HA= 54.5 HI= 29.5 GGW= 39.7 SL= 0.0 MAX(A,B,C,D)= 6.8 6.1 6.6 6.6
HA= 68.6 HI= 29.5 GGW= 39.7 SL= 0.0 MAX(A,B,C,D)= 7.6 6.6 7.1 7.1
HA= 70.2 HI= 29.5 GGW= 39.7 SL= 0.0 MAX(A,B,C,D)= 7.2 6.2 6.9 6.9
HA= 82.3 HI= 29.5 GGW= 39.7 SL= 0.0 MAX(A,B,C,D)= 7.6 6.6 7.1 7.1
HA= 84.0 HI= 29.5 GGW= 39.7 SL= 0.0 MAX(A,B,C,D)= 7.6 6.6 7.1 7.1
HA= 96.5 HI= 29.5 GGW= 39.7 SL= 0.0 MAX(A,B,C,D)= 7.6 6.6 7.1 7.1
HA=100.4 HI= 29.5 GGW= 39.7 SL= 0.0 MAX(A,B,C,D)= 7.6 6.6 7.1 7.2
HA=110.2 HI= 29.5 GGW= 39.7 SL= 0.0 MAX(A,B,C,D)= 7.7 6.6 7.2 7.2
HA=114.5 HI= 29.5 GGW= 39.7 SL= 0.0 MAX(A,B,C,D)= 7.7 6.6 7.2 7.3

HA=124.3	HI= 29.5	GGW= 39.7	SL= 0.0	MAX(A,B,C,D)= 7.8	6.7	7.3	7.3
HA=130.9	HI= 29.5	GGW= 39.7	SL= 0.0	MAX(A,B,C,D)= 7.7	6.6	7.2	7.3
HA=138.1	HI= 29.5	GGW= 39.7	SL= 0.0	MAX(A,B,C,D)= 7.8	6.7	7.3	7.3
HA=145.0	HI= 29.5	GGW= 39.7	SL= 0.0	MAX(A,B,C,D)= 7.7	6.7	7.3	7.3
HA=152.2	HI= 29.5	GGW= 39.7	SL= 0.0	MAX(A,B,C,D)= 7.7	6.7	7.3	7.3
HA=161.4	HI= 29.5	GGW= 39.7	SL= 0.0	MAX(A,B,C,D)= 7.7	6.6	7.3	7.3
HA=166.0	HI= 29.5	GGW= 39.7	SL= 0.0	MAX(A,B,C,D)= 7.7	6.6	7.3	7.3
HA=175.5	HI= 29.5	GGW= 39.7	SL= 0.0	MAX(A,B,C,D)= 7.6	6.5	7.1	7.1
HA=180.1	HI= 29.5	GGW= 39.7	SL= 0.0	MAX(A,B,C,D)= 7.4	6.5	7.0	7.0
HA=191.9	HI= 29.5	GGW= 39.7	SL= 0.0	MAX(A,B,C,D)= 7.3	6.4	6.9	6.9
HA=193.9	HI= 29.5	GGW= 39.7	SL= 0.0	MAX(A,B,C,D)= 7.2	6.3	6.8	6.8
HA=205.7	HI= 29.5	GGW= 39.7	SL= 0.0	MAX(A,B,C,D)= 7.1	6.2	6.8	6.8
HA=205.7	HI= 29.5	GGW= 39.7	SL= 0.0	MAX(A,B,C,D)= 0.0	0.0	0.0	0.0
HA=205.7	HI= 29.5	GGW= 39.7	SL= 0.0	MAX(A,B,C,D)= 0.0	0.0	0.0	0.0
HA= 40.7	HI= 29.5	GGW= 35.9	SL= 0.0	MAX(A,B,C,D)= 7.7	6.6	7.2	7.3
HA= 54.5	HI= 29.5	GGW= 35.9	SL= 0.0	MAX(A,B,C,D)= 7.8	6.7	7.4	7.4
HA= 68.6	HI= 29.5	GGW= 35.9	SL= 0.0	MAX(A,B,C,D)= 7.6	6.6	7.1	7.1
HA= 70.2	HI= 29.5	GGW= 35.9	SL= 0.0	MAX(A,B,C,D)= 7.5	6.5	7.0	7.1
HA= 82.3	HI= 29.5	GGW= 35.9	SL= 0.0	MAX(A,B,C,D)= 7.7	6.7	7.3	7.3
HA= 84.0	HI= 29.5	GGW= 35.9	SL= 0.0	MAX(A,B,C,D)= 7.6	6.6	7.1	7.2
HA= 96.5	HI= 29.5	GGW= 35.9	SL= 0.0	MAX(A,B,C,D)= 7.8	6.7	7.4	7.4
HA=100.4	HI= 29.5	GGW= 35.9	SL= 0.0	MAX(A,B,C,D)= 7.6	6.6	7.2	7.2
HA=110.2	HI= 29.5	GGW= 35.9	SL= 0.0	MAX(A,B,C,D)= 8.0	6.9	7.4	7.5
HA=114.5	HI= 29.5	GGW= 35.9	SL= 0.0	MAX(A,B,C,D)= 7.7	6.7	7.2	7.3
HA=124.3	HI= 29.5	GGW= 35.9	SL= 0.0	MAX(A,B,C,D)= 7.9	6.9	7.4	7.4
HA=130.9	HI= 29.5	GGW= 35.9	SL= 0.0	MAX(A,B,C,D)= 7.7	6.7	7.2	7.3
HA=138.1	HI= 29.5	GGW= 35.9	SL= 0.0	MAX(A,B,C,D)= 7.8	6.7	7.3	7.3
HA=145.0	HI= 29.5	GGW= 35.9	SL= 0.0	MAX(A,B,C,D)= 7.6	6.6	7.2	7.2
HA=152.2	HI= 29.5	GGW= 35.9	SL= 0.0	MAX(A,B,C,D)= 7.6	6.6	7.1	7.1
HA=161.4	HI= 29.5	GGW= 35.9	SL= 0.0	MAX(A,B,C,D)= 7.5	6.5	7.1	7.2
HA=166.0	HI= 29.5	GGW= 35.9	SL= 0.0	MAX(A,B,C,D)= 7.4	6.4	7.0	7.0
HA=175.5	HI= 29.5	GGW= 35.9	SL= 0.0	MAX(A,B,C,D)= 7.3	6.4	6.9	6.9
HA=180.1	HI= 29.5	GGW= 35.9	SL= 0.0	MAX(A,B,C,D)= 7.2	6.3	6.8	6.8
HA=191.9	HI= 29.5	GGW= 35.9	SL= 0.0	MAX(A,B,C,D)= 7.1	6.2	6.8	6.8
HA=193.9	HI= 29.5	GGW= 35.9	SL= 0.0	MAX(A,B,C,D)= 7.0	6.1	6.6	6.7
HA=205.7	HI= 29.5	GGW= 35.9	SL= 0.0	MAX(A,B,C,D)= 6.9	6.1	6.5	6.6
HA=208.0	HI= 29.5	GGW= 35.9	SL= 0.0	MAX(A,B,C,D)= 6.7	6.0	6.5	6.5
HA=208.0	HI= 29.5	GGW= 35.9	SL= 0.0	MAX(A,B,C,D)= 0.0	0.0	0.0	0.0
HA= 40.7	HI= 29.5	GGW= 35.9	SL= 0.0	MAX(A,B,C,D)= 6.8	6.1	6.5	6.5
HA= 54.5	HI= 29.5	GGW= 35.9	SL= 0.0	MAX(A,B,C,D)= 7.5	6.5	7.1	7.1
HA= 68.6	HI= 29.5	GGW= 35.9	SL= 0.0	MAX(A,B,C,D)= 7.5	6.5	7.0	7.0
HA= 70.2	HI= 29.5	GGW= 35.9	SL= 0.0	MAX(A,B,C,D)= 7.5	6.5	7.0	7.0
HA= 82.3	HI= 29.5	GGW= 35.9	SL= 0.0	MAX(A,B,C,D)= 7.6	6.6	7.1	7.1
HA= 84.0	HI= 29.5	GGW= 35.9	SL= 0.0	MAX(A,B,C,D)= 7.5	6.5	7.0	7.1
HA= 96.5	HI= 29.5	GGW= 35.9	SL= 0.0	MAX(A,B,C,D)= 7.6	6.6	7.2	7.2
HA=100.4	HI= 29.5	GGW= 35.9	SL= 0.0	MAX(A,B,C,D)= 7.6	6.5	7.1	7.1
HA=110.2	HI= 29.5	GGW= 35.9	SL= 0.0	MAX(A,B,C,D)= 7.6	6.6	7.2	7.3
HA=114.5	HI= 29.5	GGW= 35.9	SL= 0.0	MAX(A,B,C,D)= 7.6	6.6	7.1	7.2
HA=124.3	HI= 29.5	GGW= 35.9	SL= 0.0	MAX(A,B,C,D)= 7.7	6.6	7.3	7.3
HA=130.9	HI= 29.5	GGW= 35.9	SL= 0.0	MAX(A,B,C,D)= 7.6	6.6	7.2	7.2
HA=138.1	HI= 29.5	GGW= 35.9	SL= 0.0	MAX(A,B,C,D)= 7.7	6.7	7.2	7.2
HA=145.0	HI= 29.5	GGW= 35.9	SL= 0.0	MAX(A,B,C,D)= 7.6	6.6	7.1	7.1
HA=152.2	HI= 29.5	GGW= 35.9	SL= 0.0	MAX(A,B,C,D)= 7.5	6.6	7.1	7.1
HA=161.4	HI= 29.5	GGW= 35.9	SL= 0.0	MAX(A,B,C,D)= 7.5	6.5	7.0	7.0

HA=166.0 HI= 29.5 GGW= 35.9 SL= 0.0 MAX(A,B,C,D)= 7.4 6.3 6.9 7.0
HA=175.5 HI= 29.5 GGW= 35.9 SL= 0.0 MAX(A,B,C,D)= 7.3 6.4 6.9 6.9
HA=180.1 HI= 29.5 GGW= 35.9 SL= 0.0 MAX(A,B,C,D)= 7.2 6.2 6.8 6.8
HA=191.9 HI= 29.5 GGW= 35.9 SL= 0.0 MAX(A,B,C,D)= 7.0 6.2 6.7 6.7
HA=193.9 HI= 29.5 GGW= 35.9 SL= 0.0 MAX(A,B,C,D)= 7.0 6.1 6.6 6.7
HA=205.7 HI= 29.5 GGW= 35.9 SL= 0.0 MAX(A,B,C,D)= 6.8 6.1 6.5 6.5
HA=205.7 HI= 29.5 GGW= 35.9 SL= 0.0 MAX(A,B,C,D)= 0.0 0.0 0.0 0.0
HA=205.7 HI= 29.5 GGW= 35.9 SL= 0.0 MAX(A,B,C,D)= 0.0 0.0 0.0 0.0
HA= 40.7 HI= 29.5 GGW= 35.9 SL= 0.0 MAX(A,B,C,D)= 5.6 5.6 5.4 5.4
HA= 54.5 HI= 29.5 GGW= 35.9 SL= 0.0 MAX(A,B,C,D)= 6.9 6.1 6.6 6.6
HA= 68.6 HI= 29.5 GGW= 35.9 SL= 0.0 MAX(A,B,C,D)= 7.4 6.5 7.0 7.0
HA= 70.2 HI= 29.5 GGW= 35.9 SL= 0.0 MAX(A,B,C,D)= 7.3 6.4 6.8 6.9
HA= 82.3 HI= 29.5 GGW= 35.9 SL= 0.0 MAX(A,B,C,D)= 7.4 6.5 7.0 7.0
HA= 84.0 HI= 29.5 GGW= 35.9 SL= 0.0 MAX(A,B,C,D)= 7.4 6.5 7.0 7.0
HA= 96.5 HI= 29.5 GGW= 35.9 SL= 0.0 MAX(A,B,C,D)= 7.4 6.5 7.0 7.0
HA=100.4 HI= 29.5 GGW= 35.9 SL= 0.0 MAX(A,B,C,D)= 7.4 6.5 7.0 7.0
HA=110.2 HI= 29.5 GGW= 35.9 SL= 0.0 MAX(A,B,C,D)= 7.5 6.5 7.1 7.1
HA=114.5 HI= 29.5 GGW= 35.9 SL= 0.0 MAX(A,B,C,D)= 7.6 6.5 7.1 7.1
HA=124.3 HI= 29.5 GGW= 35.9 SL= 0.0 MAX(A,B,C,D)= 7.5 6.5 7.1 7.1
HA=130.9 HI= 29.5 GGW= 35.9 SL= 0.0 MAX(A,B,C,D)= 7.6 6.5 7.2 7.2
HA=138.1 HI= 29.5 GGW= 35.9 SL= 0.0 MAX(A,B,C,D)= 7.5 6.5 7.1 7.1
HA=145.0 HI= 29.5 GGW= 35.9 SL= 0.0 MAX(A,B,C,D)= 7.5 6.5 7.1 7.1
HA=152.2 HI= 29.5 GGW= 35.9 SL= 0.0 MAX(A,B,C,D)= 7.5 6.5 7.1 7.1
HA=161.4 HI= 29.5 GGW= 35.9 SL= 0.0 MAX(A,B,C,D)= 7.5 6.5 7.1 7.1
HA=166.0 HI= 29.5 GGW= 35.9 SL= 0.0 MAX(A,B,C,D)= 7.4 6.4 7.0 7.0
HA=175.5 HI= 29.5 GGW= 35.9 SL= 0.0 MAX(A,B,C,D)= 7.4 6.3 6.9 7.0
HA=180.1 HI= 29.5 GGW= 35.9 SL= 0.0 MAX(A,B,C,D)= 7.1 6.3 6.8 6.8
HA=191.9 HI= 29.5 GGW= 35.9 SL= 0.0 MAX(A,B,C,D)= 7.1 6.2 6.7 6.8
HA=193.9 HI= 29.5 GGW= 35.9 SL= 0.0 MAX(A,B,C,D)= 7.0 6.1 6.6 6.7
HA=205.7 HI= 29.5 GGW= 35.9 SL= 0.0 MAX(A,B,C,D)= 6.9 6.1 6.6 6.6
HA=205.7 HI= 29.5 GGW= 35.9 SL= 0.0 MAX(A,B,C,D)= 0.0 0.0 0.0 0.0
HA=205.7 HI= 29.5 GGW= 35.9 SL= 0.0 MAX(A,B,C,D)= 0.0 0.0 0.0 0.0
HA= 40.7 HI= 29.5 GGW= 32.6 SL= 0.0 MAX(A,B,C,D)= 7.6 6.6 7.1 7.1
HA= 54.5 HI= 29.5 GGW= 32.6 SL= 0.0 MAX(A,B,C,D)= 7.8 6.8 7.3 7.3
HA= 68.6 HI= 29.5 GGW= 32.6 SL= 0.0 MAX(A,B,C,D)= 7.5 6.6 7.0 7.0
HA= 70.2 HI= 29.5 GGW= 32.6 SL= 0.0 MAX(A,B,C,D)= 7.4 6.4 7.0 7.0
HA= 82.3 HI= 29.5 GGW= 32.6 SL= 0.0 MAX(A,B,C,D)= 7.7 6.7 7.2 7.3
HA= 84.0 HI= 29.5 GGW= 32.6 SL= 0.0 MAX(A,B,C,D)= 7.5 6.6 7.0 7.0
HA= 96.5 HI= 29.5 GGW= 32.6 SL= 0.0 MAX(A,B,C,D)= 7.8 6.8 7.3 7.3
HA=100.4 HI= 29.5 GGW= 32.6 SL= 0.0 MAX(A,B,C,D)= 7.5 6.6 7.1 7.2
HA=110.2 HI= 29.5 GGW= 32.6 SL= 0.0 MAX(A,B,C,D)= 7.8 6.8 7.3 7.4
HA=114.5 HI= 29.5 GGW= 32.6 SL= 0.0 MAX(A,B,C,D)= 7.6 6.6 7.2 7.2
HA=124.3 HI= 29.5 GGW= 32.6 SL= 0.0 MAX(A,B,C,D)= 7.8 6.7 7.4 7.4
HA=130.9 HI= 29.5 GGW= 32.6 SL= 0.0 MAX(A,B,C,D)= 7.6 6.6 7.2 7.3
HA=138.1 HI= 29.5 GGW= 32.6 SL= 0.0 MAX(A,B,C,D)= 7.6 6.6 7.1 7.2
HA=145.0 HI= 29.5 GGW= 32.6 SL= 0.0 MAX(A,B,C,D)= 7.5 6.5 7.1 7.1
HA=152.2 HI= 29.5 GGW= 32.6 SL= 0.0 MAX(A,B,C,D)= 7.4 6.4 7.1 7.1
HA=161.4 HI= 29.5 GGW= 32.6 SL= 0.0 MAX(A,B,C,D)= 7.3 6.3 6.9 6.9
HA=166.0 HI= 29.5 GGW= 32.6 SL= 0.0 MAX(A,B,C,D)= 7.2 6.3 6.8 6.8
HA=175.5 HI= 29.5 GGW= 32.6 SL= 0.0 MAX(A,B,C,D)= 7.1 6.2 6.8 6.8
HA=180.1 HI= 29.5 GGW= 32.6 SL= 0.0 MAX(A,B,C,D)= 7.0 6.1 6.6 6.7
HA=191.9 HI= 29.5 GGW= 32.6 SL= 0.0 MAX(A,B,C,D)= 6.9 6.1 6.6 6.6
HA=193.9 HI= 29.5 GGW= 32.6 SL= 0.0 MAX(A,B,C,D)= 6.7 6.0 6.5 6.5
HA=205.7 HI= 29.5 GGW= 32.6 SL= 0.0 MAX(A,B,C,D)= 6.7 6.0 6.4 6.4

HA=205.7	HI= 29.5	GGW= 32.6	SL= 0.0	MAX(A,B,C,D)= 0.0	0.0	0.0	0.0	0.0
HA=205.7	HI= 29.5	GGW= 32.6	SL= 0.0	MAX(A,B,C,D)= 0.0	0.0	0.0	0.0	0.0
HA= 40.7	HI= 29.5	GGW= 32.6	SL= 0.0	MAX(A,B,C,D)= 6.9	6.0	6.6	6.6	
HA= 54.5	HI= 29.5	GGW= 32.6	SL= 0.0	MAX(A,B,C,D)= 7.4	6.5	7.0	7.0	
HA= 68.6	HI= 29.5	GGW= 32.6	SL= 0.0	MAX(A,B,C,D)= 7.4	6.4	6.9	7.0	
HA= 70.2	HI= 29.5	GGW= 32.6	SL= 0.0	MAX(A,B,C,D)= 7.3	6.3	6.9	6.9	
HA= 82.3	HI= 29.5	GGW= 32.6	SL= 0.0	MAX(A,B,C,D)= 7.4	6.5	7.0	7.0	
HA= 84.0	HI= 29.5	GGW= 32.6	SL= 0.0	MAX(A,B,C,D)= 7.4	6.4	7.0	7.0	
HA= 96.5	HI= 29.5	GGW= 32.6	SL= 0.0	MAX(A,B,C,D)= 7.4	6.5	7.0	7.1	
HA=100.4	HI= 29.5	GGW= 32.6	SL= 0.0	MAX(A,B,C,D)= 7.4	6.4	7.1	7.1	
HA=110.2	HI= 29.5	GGW= 32.6	SL= 0.0	MAX(A,B,C,D)= 7.6	6.6	7.1	7.2	
HA=114.5	HI= 29.5	GGW= 32.6	SL= 0.0	MAX(A,B,C,D)= 7.4	6.5	7.1	7.1	
HA=124.3	HI= 29.5	GGW= 32.6	SL= 0.0	MAX(A,B,C,D)= 7.6	6.6	7.1	7.1	
HA=130.9	HI= 29.5	GGW= 32.6	SL= 0.0	MAX(A,B,C,D)= 7.4	6.5	7.0	7.1	
HA=138.1	HI= 29.5	GGW= 32.6	SL= 0.0	MAX(A,B,C,D)= 7.5	6.6	7.1	7.1	
HA=145.0	HI= 29.5	GGW= 32.6	SL= 0.0	MAX(A,B,C,D)= 7.4	6.5	7.1	7.1	
HA=152.2	HI= 29.5	GGW= 32.6	SL= 0.0	MAX(A,B,C,D)= 7.4	6.4	7.1	7.1	
HA=161.4	HI= 29.5	GGW= 32.6	SL= 0.0	MAX(A,B,C,D)= 7.3	6.3	7.0	7.0	
HA=166.0	HI= 29.5	GGW= 32.6	SL= 0.0	MAX(A,B,C,D)= 7.2	6.3	6.8	6.9	
HA=175.5	HI= 29.5	GGW= 32.6	SL= 0.0	MAX(A,B,C,D)= 7.1	6.2	6.8	6.8	
HA=180.1	HI= 29.5	GGW= 32.6	SL= 0.0	MAX(A,B,C,D)= 7.0	6.1	6.6	6.7	
HA=191.9	HI= 29.5	GGW= 32.6	SL= 0.0	MAX(A,B,C,D)= 6.8	6.1	6.6	6.6	
HA=193.9	HI= 29.5	GGW= 32.6	SL= 0.0	MAX(A,B,C,D)= 6.7	6.0	6.5	6.5	
HA=193.9	HI= 29.5	GGW= 32.6	SL= 0.0	MAX(A,B,C,D)= 0.0	0.0	0.0	0.0	
HA=193.9	HI= 29.5	GGW= 32.6	SL= 0.0	MAX(A,B,C,D)= 0.0	0.0	0.0	0.0	
HA=193.9	HI= 29.5	GGW= 32.6	SL= 0.0	MAX(A,B,C,D)= 0.0	0.0	0.0	0.0	
HA= 40.7	HI= 29.5	GGW= 32.6	SL= 0.0	MAX(A,B,C,D)= 5.7	5.6	5.5	5.5	
HA= 54.5	HI= 29.5	GGW= 32.6	SL= 0.0	MAX(A,B,C,D)= 6.9	6.0	6.7	6.7	
HA= 68.6	HI= 29.5	GGW= 32.6	SL= 0.0	MAX(A,B,C,D)= 7.3	6.4	6.9	6.9	
HA= 70.2	HI= 29.5	GGW= 32.6	SL= 0.0	MAX(A,B,C,D)= 7.2	6.3	6.8	6.9	
HA= 82.3	HI= 29.5	GGW= 32.6	SL= 0.0	MAX(A,B,C,D)= 7.3	6.4	6.9	6.9	
HA= 84.0	HI= 29.5	GGW= 32.6	SL= 0.0	MAX(A,B,C,D)= 7.2	6.3	6.8	6.9	
HA= 96.5	HI= 29.5	GGW= 32.6	SL= 0.0	MAX(A,B,C,D)= 7.3	6.4	6.9	6.9	
HA=100.4	HI= 29.5	GGW= 32.6	SL= 0.0	MAX(A,B,C,D)= 7.3	6.4	6.9	6.9	
HA=110.2	HI= 29.5	GGW= 32.6	SL= 0.0	MAX(A,B,C,D)= 7.4	6.4	7.0	7.0	
HA=114.5	HI= 29.5	GGW= 32.6	SL= 0.0	MAX(A,B,C,D)= 7.4	6.4	7.0	7.0	
HA=124.3	HI= 29.5	GGW= 32.6	SL= 0.0	MAX(A,B,C,D)= 7.4	6.4	7.1	7.1	
HA=130.9	HI= 29.5	GGW= 32.6	SL= 0.0	MAX(A,B,C,D)= 7.4	6.4	7.1	7.1	
HA=138.1	HI= 29.5	GGW= 32.6	SL= 0.0	MAX(A,B,C,D)= 7.4	6.4	7.0	7.0	
HA=145.0	HI= 29.5	GGW= 32.6	SL= 0.0	MAX(A,B,C,D)= 7.4	6.4	7.1	7.1	
HA=152.2	HI= 29.5	GGW= 32.6	SL= 0.0	MAX(A,B,C,D)= 7.4	6.4	7.0	7.1	
HA=161.4	HI= 29.5	GGW= 32.6	SL= 0.0	MAX(A,B,C,D)= 7.4	6.3	7.0	7.0	
HA=166.0	HI= 29.5	GGW= 32.6	SL= 0.0	MAX(A,B,C,D)= 7.2	6.3	6.8	6.8	
HA=175.5	HI= 29.5	GGW= 32.6	SL= 0.0	MAX(A,B,C,D)= 7.1	6.2	6.8	6.8	
HA=180.1	HI= 29.5	GGW= 32.6	SL= 0.0	MAX(A,B,C,D)= 7.0	6.2	6.7	6.7	
HA=191.9	HI= 29.5	GGW= 32.6	SL= 0.0	MAX(A,B,C,D)= 6.9	6.1	6.6	6.6	
HA=193.9	HI= 29.5	GGW= 32.6	SL= 0.0	MAX(A,B,C,D)= 6.8	6.0	6.5	6.5	
HA=193.9	HI= 29.5	GGW= 32.6	SL= 0.0	MAX(A,B,C,D)= 0.0	0.0	0.0	0.0	
HA=193.9	HI= 29.5	GGW= 32.6	SL= 0.0	MAX(A,B,C,D)= 0.0	0.0	0.0	0.0	
HA=193.9	HI= 29.5	GGW= 32.6	SL= 0.0	MAX(A,B,C,D)= 0.0	0.0	0.0	0.0	
HA= 40.7	HI= 29.5	GGW= 28.7	SL= 0.0	MAX(A,B,C,D)= 7.4	6.4	7.0	7.0	
HA= 54.5	HI= 29.5	GGW= 28.7	SL= 0.0	MAX(A,B,C,D)= 7.7	6.6	7.3	7.3	
HA= 68.6	HI= 29.5	GGW= 28.7	SL= 0.0	MAX(A,B,C,D)= 7.4	6.5	6.9	7.0	
HA= 70.2	HI= 29.5	GGW= 28.7	SL= 0.0	MAX(A,B,C,D)= 7.2	6.3	6.8	6.9	

HA= 82.3	HI= 29.5	GGW= 28.7	SL= 0.0	MAX(A,B,C,D)= 7.6	6.6	7.1	7.1
HA= 84.0	HI= 29.5	GGW= 28.7	SL= 0.0	MAX(A,B,C,D)= 7.3	6.4	6.9	6.9
HA= 96.5	HI= 29.5	GGW= 28.7	SL= 0.0	MAX(A,B,C,D)= 7.6	6.6	7.2	7.2
HA=100.4	HI= 29.5	GGW= 28.7	SL= 0.0	MAX(A,B,C,D)= 7.4	6.5	7.0	7.0
HA=110.2	HI= 29.5	GGW= 28.7	SL= 0.0	MAX(A,B,C,D)= 7.8	6.8	7.3	7.3
HA=114.5	HI= 29.5	GGW= 28.7	SL= 0.0	MAX(A,B,C,D)= 7.6	6.6	7.1	7.1
HA=124.3	HI= 29.5	GGW= 28.7	SL= 0.0	MAX(A,B,C,D)= 7.6	6.6	7.2	7.2
HA=130.9	HI= 29.5	GGW= 28.7	SL= 0.0	MAX(A,B,C,D)= 7.4	6.5	7.0	7.0
HA=138.1	HI= 29.5	GGW= 28.7	SL= 0.0	MAX(A,B,C,D)= 7.4	6.5	7.0	7.0
HA=145.0	HI= 29.5	GGW= 28.7	SL= 0.0	MAX(A,B,C,D)= 7.3	6.3	6.9	7.0
HA=152.2	HI= 29.5	GGW= 28.7	SL= 0.0	MAX(A,B,C,D)= 7.1	6.2	6.8	6.8
HA=161.4	HI= 29.5	GGW= 28.7	SL= 0.0	MAX(A,B,C,D)= 7.1	6.2	6.7	6.7
HA=166.0	HI= 29.5	GGW= 28.7	SL= 0.0	MAX(A,B,C,D)= 6.9	6.1	6.6	6.6
HA=175.5	HI= 29.5	GGW= 28.7	SL= 0.0	MAX(A,B,C,D)= 6.8	6.0	6.5	6.5
HA=180.1	HI= 29.5	GGW= 28.7	SL= 0.0	MAX(A,B,C,D)= 6.7	5.9	6.5	6.5
HA=191.9	HI= 29.5	GGW= 28.7	SL= 0.0	MAX(A,B,C,D)= 6.6	5.9	6.3	6.4
HA=193.9	HI= 29.5	GGW= 28.7	SL= 0.0	MAX(A,B,C,D)= 6.6	5.8	6.3	6.3
HA=205.7	HI= 29.5	GGW= 28.7	SL= 0.0	MAX(A,B,C,D)= 6.4	5.8	6.2	6.2
HA=205.7	HI= 29.5	GGW= 28.7	SL= 0.0	MAX(A,B,C,D)= 0.0	0.0	0.0	0.0
HA=205.7	HI= 29.5	GGW= 28.7	SL= 0.0	MAX(A,B,C,D)= 0.0	0.0	0.0	0.0
HA= 40.7	HI= 29.5	GGW= 28.7	SL= 0.0	MAX(A,B,C,D)= 6.9	6.0	6.6	6.6
HA= 54.5	HI= 29.5	GGW= 28.7	SL= 0.0	MAX(A,B,C,D)= 7.2	6.3	6.8	6.8
HA= 68.6	HI= 29.5	GGW= 28.7	SL= 0.0	MAX(A,B,C,D)= 7.2	6.3	6.8	6.8
HA= 70.2	HI= 29.5	GGW= 28.7	SL= 0.0	MAX(A,B,C,D)= 7.2	6.2	6.8	6.8
HA= 82.3	HI= 29.5	GGW= 28.7	SL= 0.0	MAX(A,B,C,D)= 7.3	6.4	6.9	6.9
HA= 84.0	HI= 29.5	GGW= 28.7	SL= 0.0	MAX(A,B,C,D)= 7.2	6.3	6.8	6.8
HA= 96.5	HI= 29.5	GGW= 28.7	SL= 0.0	MAX(A,B,C,D)= 7.3	6.4	6.9	7.0
HA=100.4	HI= 29.5	GGW= 28.7	SL= 0.0	MAX(A,B,C,D)= 7.2	6.3	7.0	7.0
HA=110.2	HI= 29.5	GGW= 28.7	SL= 0.0	MAX(A,B,C,D)= 7.4	6.5	6.9	7.0
HA=114.5	HI= 29.5	GGW= 28.7	SL= 0.0	MAX(A,B,C,D)= 7.3	6.4	7.0	7.0
HA=124.3	HI= 29.5	GGW= 28.7	SL= 0.0	MAX(A,B,C,D)= 7.4	6.5	7.0	7.0
HA=130.9	HI= 29.5	GGW= 28.7	SL= 0.0	MAX(A,B,C,D)= 7.3	6.4	6.9	7.0
HA=138.1	HI= 29.5	GGW= 28.7	SL= 0.0	MAX(A,B,C,D)= 7.3	6.4	6.9	7.0
HA=145.0	HI= 29.5	GGW= 28.7	SL= 0.0	MAX(A,B,C,D)= 7.3	6.4	7.0	7.0
HA=152.2	HI= 29.5	GGW= 28.7	SL= 0.0	MAX(A,B,C,D)= 7.1	6.3	6.8	6.8
HA=161.4	HI= 29.5	GGW= 28.7	SL= 0.0	MAX(A,B,C,D)= 7.0	6.1	6.7	6.7
HA=166.0	HI= 29.5	GGW= 28.7	SL= 0.0	MAX(A,B,C,D)= 6.9	6.1	6.6	6.6
HA=175.5	HI= 29.5	GGW= 28.7	SL= 0.0	MAX(A,B,C,D)= 6.8	6.1	6.5	6.6
HA=180.1	HI= 29.5	GGW= 28.7	SL= 0.0	MAX(A,B,C,D)= 6.7	6.0	6.5	6.5
HA=191.9	HI= 29.5	GGW= 28.7	SL= 0.0	MAX(A,B,C,D)= 6.7	5.9	6.4	6.4
HA=193.9	HI= 29.5	GGW= 28.7	SL= 0.0	MAX(A,B,C,D)= 6.5	5.9	6.3	6.3
HA=193.9	HI= 29.5	GGW= 28.7	SL= 0.0	MAX(A,B,C,D)= 0.0	0.0	0.0	0.0
HA=193.9	HI= 29.5	GGW= 28.7	SL= 0.0	MAX(A,B,C,D)= 0.0	0.0	0.0	0.0
HA=193.9	HI= 29.5	GGW= 28.7	SL= 0.0	MAX(A,B,C,D)= 0.0	0.0	0.0	0.0
HA= 40.7	HI= 29.5	GGW= 28.7	SL= 0.0	MAX(A,B,C,D)= 5.7	5.5	5.6	5.6
HA= 54.5	HI= 29.5	GGW= 28.7	SL= 0.0	MAX(A,B,C,D)= 7.0	6.2	6.6	6.7
HA= 68.6	HI= 29.5	GGW= 28.7	SL= 0.0	MAX(A,B,C,D)= 7.1	6.2	6.8	6.8
HA= 70.2	HI= 29.5	GGW= 28.7	SL= 0.0	MAX(A,B,C,D)= 7.1	6.2	6.7	6.7
HA= 82.3	HI= 29.5	GGW= 28.7	SL= 0.0	MAX(A,B,C,D)= 7.1	6.2	6.7	6.7
HA= 84.0	HI= 29.5	GGW= 28.7	SL= 0.0	MAX(A,B,C,D)= 7.1	6.2	6.7	6.8
HA= 96.5	HI= 29.5	GGW= 28.7	SL= 0.0	MAX(A,B,C,D)= 7.1	6.2	6.7	6.8
HA=100.4	HI= 29.5	GGW= 28.7	SL= 0.0	MAX(A,B,C,D)= 7.1	6.2	6.8	6.8
HA=110.2	HI= 29.5	GGW= 28.7	SL= 0.0	MAX(A,B,C,D)= 7.2	6.2	6.8	6.8
HA=114.5	HI= 29.5	GGW= 28.7	SL= 0.0	MAX(A,B,C,D)= 7.2	6.2	6.9	6.9

HA=124.3	HI= 29.5	GGW= 28.7	SL= 0.0	MAX(A,B,C,D)= 7.2	6.3	6.9	7.0
HA=130.9	HI= 29.5	GGW= 28.7	SL= 0.0	MAX(A,B,C,D)= 7.2	6.3	6.9	6.9
HA=138.1	HI= 29.5	GGW= 28.7	SL= 0.0	MAX(A,B,C,D)= 7.2	6.3	6.9	6.9
HA=145.0	HI= 29.5	GGW= 28.7	SL= 0.0	MAX(A,B,C,D)= 7.2	6.3	6.9	6.9
HA=152.2	HI= 29.5	GGW= 28.7	SL= 0.0	MAX(A,B,C,D)= 7.1	6.3	6.9	6.9
HA=161.4	HI= 29.5	GGW= 28.7	SL= 0.0	MAX(A,B,C,D)= 7.0	6.2	6.7	6.7
HA=166.0	HI= 29.5	GGW= 28.7	SL= 0.0	MAX(A,B,C,D)= 6.9	6.2	6.6	6.6
HA=175.5	HI= 29.5	GGW= 28.7	SL= 0.0	MAX(A,B,C,D)= 6.9	6.0	6.6	6.6
HA=180.1	HI= 29.5	GGW= 28.7	SL= 0.0	MAX(A,B,C,D)= 6.8	6.0	6.5	6.5
HA=191.9	HI= 29.5	GGW= 28.7	SL= 0.0	MAX(A,B,C,D)= 6.6	5.9	6.4	6.4
HA=193.9	HI= 29.5	GGW= 28.7	SL= 0.0	MAX(A,B,C,D)= 6.6	5.9	6.3	6.3
HA=193.9	HI= 29.5	GGW= 28.7	SL= 0.0	MAX(A,B,C,D)= 0.0	0.0	0.0	0.0
HA=193.9	HI= 29.5	GGW= 28.7	SL= 0.0	MAX(A,B,C,D)= 0.0	0.0	0.0	0.0
HA=193.9	HI= 29.5	GGW= 28.7	SL= 0.0	MAX(A,B,C,D)= 0.0	0.0	0.0	0.0
HA= 40.7	HI= 29.5	GGW= 19.6	SL= 0.0	MAX(A,B,C,D)= 7.2	6.3	6.8	6.8
HA= 54.5	HI= 29.5	GGW= 19.6	SL= 0.0	MAX(A,B,C,D)= 7.5	6.4	7.1	7.1
HA= 68.6	HI= 29.5	GGW= 19.6	SL= 0.0	MAX(A,B,C,D)= 7.2	6.3	6.8	6.8
HA= 70.2	HI= 29.5	GGW= 19.6	SL= 0.0	MAX(A,B,C,D)= 7.0	6.2	6.6	6.6
HA= 82.3	HI= 29.5	GGW= 19.6	SL= 0.0	MAX(A,B,C,D)= 7.4	6.5	6.9	6.9
HA= 84.0	HI= 29.5	GGW= 19.6	SL= 0.0	MAX(A,B,C,D)= 7.1	6.2	6.7	6.7
HA= 96.5	HI= 29.5	GGW= 19.6	SL= 0.0	MAX(A,B,C,D)= 7.4	6.4	7.0	7.0
HA=100.4	HI= 29.5	GGW= 19.6	SL= 0.0	MAX(A,B,C,D)= 7.1	6.3	6.7	6.8
HA=110.2	HI= 29.5	GGW= 19.6	SL= 0.0	MAX(A,B,C,D)= 7.3	6.3	7.0	7.0
HA=114.5	HI= 29.5	GGW= 19.6	SL= 0.0	MAX(A,B,C,D)= 7.1	6.3	6.7	6.8
HA=124.3	HI= 29.5	GGW= 19.6	SL= 0.0	MAX(A,B,C,D)= 7.1	6.2	6.8	6.8
HA=130.9	HI= 29.5	GGW= 19.6	SL= 0.0	MAX(A,B,C,D)= 7.0	6.1	6.6	6.7
HA=138.1	HI= 29.5	GGW= 19.6	SL= 0.0	MAX(A,B,C,D)= 6.8	6.0	6.6	6.6
HA=145.0	HI= 29.5	GGW= 19.6	SL= 0.0	MAX(A,B,C,D)= 6.7	6.0	6.5	6.5
HA=152.2	HI= 29.5	GGW= 19.6	SL= 0.0	MAX(A,B,C,D)= 6.6	5.9	6.3	6.3
HA=161.4	HI= 29.5	GGW= 19.6	SL= 0.0	MAX(A,B,C,D)= 6.5	5.8	6.2	6.2
HA=166.0	HI= 29.5	GGW= 19.6	SL= 0.0	MAX(A,B,C,D)= 6.3	5.7	6.1	6.2
HA=175.5	HI= 29.5	GGW= 19.6	SL= 0.0	MAX(A,B,C,D)= 6.3	5.7	6.1	6.1
HA=180.1	HI= 29.5	GGW= 19.6	SL= 0.0	MAX(A,B,C,D)= 6.2	5.6	6.0	6.0
HA=180.1	HI= 29.5	GGW= 19.6	SL= 0.0	MAX(A,B,C,D)= 0.0	0.0	0.0	0.0
HA=180.1	HI= 29.5	GGW= 19.6	SL= 0.0	MAX(A,B,C,D)= 0.0	0.0	0.0	0.0
HA=180.1	HI= 29.5	GGW= 19.6	SL= 0.0	MAX(A,B,C,D)= 0.0	0.0	0.0	0.0
HA=180.1	HI= 29.5	GGW= 19.6	SL= 0.0	MAX(A,B,C,D)= 0.0	0.0	0.0	0.0
HA=180.1	HI= 29.5	GGW= 19.6	SL= 0.0	MAX(A,B,C,D)= 0.0	0.0	0.0	0.0
HA= 40.7	HI= 29.5	GGW= 19.6	SL= 0.0	MAX(A,B,C,D)= 6.9	6.0	6.6	6.6
HA= 54.5	HI= 29.5	GGW= 19.6	SL= 0.0	MAX(A,B,C,D)= 6.9	6.1	6.6	6.6
HA= 68.6	HI= 29.5	GGW= 19.6	SL= 0.0	MAX(A,B,C,D)= 6.8	6.0	6.5	6.5
HA= 70.2	HI= 29.5	GGW= 19.6	SL= 0.0	MAX(A,B,C,D)= 6.7	5.9	6.5	6.5
HA= 82.3	HI= 29.5	GGW= 19.6	SL= 0.0	MAX(A,B,C,D)= 6.9	6.2	6.7	6.7
HA= 84.0	HI= 29.5	GGW= 19.6	SL= 0.0	MAX(A,B,C,D)= 6.8	6.0	6.6	6.6
HA= 96.5	HI= 29.5	GGW= 19.6	SL= 0.0	MAX(A,B,C,D)= 7.0	6.2	6.7	6.7
HA=100.4	HI= 29.5	GGW= 19.6	SL= 0.0	MAX(A,B,C,D)= 6.9	6.1	6.7	6.7
HA=110.2	HI= 29.5	GGW= 19.6	SL= 0.0	MAX(A,B,C,D)= 7.1	6.2	6.7	6.7
HA=114.5	HI= 29.5	GGW= 19.6	SL= 0.0	MAX(A,B,C,D)= 6.8	6.1	6.6	6.6
HA=124.3	HI= 29.5	GGW= 19.6	SL= 0.0	MAX(A,B,C,D)= 7.0	6.2	6.6	6.6
HA=130.9	HI= 29.5	GGW= 19.6	SL= 0.0	MAX(A,B,C,D)= 6.9	6.1	6.6	6.6
HA=138.1	HI= 29.5	GGW= 19.6	SL= 0.0	MAX(A,B,C,D)= 6.7	6.0	6.5	6.5
HA=145.0	HI= 29.5	GGW= 19.6	SL= 0.0	MAX(A,B,C,D)= 6.7	5.9	6.4	6.5
HA=152.2	HI= 29.5	GGW= 19.6	SL= 0.0	MAX(A,B,C,D)= 6.5	5.9	6.3	6.3
HA=161.4	HI= 29.5	GGW= 19.6	SL= 0.0	MAX(A,B,C,D)= 6.5	5.8	6.2	6.3

HA=166.0 HI= 29.5 GGW= 19.6 SL= 0.0 MAX(A,B,C,D)= 6.4 5.8 6.2 6.2
HA=175.5 HI= 29.5 GGW= 19.6 SL= 0.0 MAX(A,B,C,D)= 6.3 5.7 6.1 6.1
HA=175.5 HI= 29.5 GGW= 19.6 SL= 0.0 MAX(A,B,C,D)= 0.0 0.0 0.0 0.0
HA=175.5 HI= 29.5 GGW= 19.6 SL= 0.0 MAX(A,B,C,D)= 0.0 0.0 0.0 0.0
HA=175.5 HI= 29.5 GGW= 19.6 SL= 0.0 MAX(A,B,C,D)= 0.0 0.0 0.0 0.0
HA=175.5 HI= 29.5 GGW= 19.6 SL= 0.0 MAX(A,B,C,D)= 0.0 0.0 0.0 0.0
HA=175.5 HI= 29.5 GGW= 19.6 SL= 0.0 MAX(A,B,C,D)= 0.0 0.0 0.0 0.0
HA= 40.7 HI= 29.5 GGW= 19.6 SL= 0.0 MAX(A,B,C,D)= 5.8 5.4 5.8 5.8
HA= 54.5 HI= 29.5 GGW= 19.6 SL= 0.0 MAX(A,B,C,D)= 6.7 5.9 6.5 6.5
HA= 68.6 HI= 29.5 GGW= 19.6 SL= 0.0 MAX(A,B,C,D)= 6.7 6.0 6.5 6.5
HA= 70.2 HI= 29.5 GGW= 19.6 SL= 0.0 MAX(A,B,C,D)= 6.7 5.9 6.4 6.4
HA= 82.3 HI= 29.5 GGW= 19.6 SL= 0.0 MAX(A,B,C,D)= 6.7 5.9 6.4 6.5
HA= 84.0 HI= 29.5 GGW= 19.6 SL= 0.0 MAX(A,B,C,D)= 6.7 5.9 6.4 6.4
HA= 96.5 HI= 29.5 GGW= 19.6 SL= 0.0 MAX(A,B,C,D)= 6.7 6.0 6.5 6.5
HA=100.4 HI= 29.5 GGW= 19.6 SL= 0.0 MAX(A,B,C,D)= 6.7 5.9 6.5 6.5
HA=110.2 HI= 29.5 GGW= 19.6 SL= 0.0 MAX(A,B,C,D)= 6.8 6.0 6.6 6.6
HA=114.5 HI= 29.5 GGW= 19.6 SL= 0.0 MAX(A,B,C,D)= 6.8 5.9 6.6 6.6
HA=124.3 HI= 29.5 GGW= 19.6 SL= 0.0 MAX(A,B,C,D)= 6.7 6.0 6.5 6.6
HA=130.9 HI= 29.5 GGW= 19.6 SL= 0.0 MAX(A,B,C,D)= 6.7 6.0 6.5 6.6
HA=138.1 HI= 29.5 GGW= 19.6 SL= 0.0 MAX(A,B,C,D)= 6.7 6.0 6.5 6.5
HA=145.0 HI= 29.5 GGW= 19.6 SL= 0.0 MAX(A,B,C,D)= 6.7 6.0 6.4 6.4
HA=152.2 HI= 29.5 GGW= 19.6 SL= 0.0 MAX(A,B,C,D)= 6.6 5.9 6.3 6.3
HA=161.4 HI= 29.5 GGW= 19.6 SL= 0.0 MAX(A,B,C,D)= 6.5 5.8 6.3 6.3
HA=166.0 HI= 29.5 GGW= 19.6 SL= 0.0 MAX(A,B,C,D)= 6.4 5.7 6.2 6.2
HA=175.5 HI= 29.5 GGW= 19.6 SL= 0.0 MAX(A,B,C,D)= 6.3 5.7 6.1 6.1
HA=180.1 HI= 29.5 GGW= 19.6 SL= 0.0 MAX(A,B,C,D)= 6.2 5.6 6.0 6.0
HA=180.1 HI= 29.5 GGW= 19.6 SL= 0.0 MAX(A,B,C,D)= 0.0 0.0 0.0 0.0
HA=180.1 HI= 29.5 GGW= 19.6 SL= 0.0 MAX(A,B,C,D)= 0.0 0.0 0.0 0.0
HA=180.1 HI= 29.5 GGW= 19.6 SL= 0.0 MAX(A,B,C,D)= 0.0 0.0 0.0 0.0
HA=180.1 HI= 29.5 GGW= 19.6 SL= 0.0 MAX(A,B,C,D)= 0.0 0.0 0.0 0.0
HA=180.1 HI= 29.5 GGW= 19.6 SL= 0.0 MAX(A,B,C,D)= 0.0 0.0 0.0 0.0
HA= 40.7 HI= 29.5 GGW= 12.6 SL= 0.0 MAX(A,B,C,D)= 7.0 6.2 6.6 6.6
HA= 54.5 HI= 29.5 GGW= 12.6 SL= 0.0 MAX(A,B,C,D)= 7.4 6.4 7.0 7.0
HA= 68.6 HI= 29.5 GGW= 12.6 SL= 0.0 MAX(A,B,C,D)= 6.9 6.1 6.6 6.6
HA= 70.2 HI= 29.5 GGW= 12.6 SL= 0.0 MAX(A,B,C,D)= 6.8 6.0 6.5 6.5
HA= 82.3 HI= 29.5 GGW= 12.6 SL= 0.0 MAX(A,B,C,D)= 7.3 6.4 6.9 6.9
HA= 84.0 HI= 29.5 GGW= 12.6 SL= 0.0 MAX(A,B,C,D)= 6.9 6.1 6.6 6.6
HA= 96.5 HI= 29.5 GGW= 12.6 SL= 0.0 MAX(A,B,C,D)= 7.1 6.3 6.8 6.8
HA=100.4 HI= 29.5 GGW= 12.6 SL= 0.0 MAX(A,B,C,D)= 6.9 6.1 6.6 6.6
HA=110.2 HI= 29.5 GGW= 12.6 SL= 0.0 MAX(A,B,C,D)= 6.9 6.0 6.6 6.7
HA=114.5 HI= 29.5 GGW= 12.6 SL= 0.0 MAX(A,B,C,D)= 6.8 6.0 6.5 6.6
HA=124.3 HI= 29.5 GGW= 12.6 SL= 0.0 MAX(A,B,C,D)= 6.7 5.9 6.4 6.4
HA=130.9 HI= 29.5 GGW= 12.6 SL= 0.0 MAX(A,B,C,D)= 6.6 5.8 6.3 6.3
HA=138.1 HI= 29.5 GGW= 12.6 SL= 0.0 MAX(A,B,C,D)= 6.3 5.7 6.2 6.2
HA=145.0 HI= 29.5 GGW= 12.6 SL= 0.0 MAX(A,B,C,D)= 6.2 5.6 6.1 6.1
HA=152.2 HI= 29.5 GGW= 12.6 SL= 0.0 MAX(A,B,C,D)= 6.1 5.5 6.0 6.0
HA=161.4 HI= 29.5 GGW= 12.6 SL= 0.0 MAX(A,B,C,D)= 6.0 5.5 5.9 5.9
HA=166.0 HI= 29.5 GGW= 12.6 SL= 0.0 MAX(A,B,C,D)= 5.9 5.4 5.8 5.8
HA=175.5 HI= 29.5 GGW= 12.6 SL= 0.0 MAX(A,B,C,D)= 5.8 5.4 5.7 5.7
HA=175.5 HI= 29.5 GGW= 12.6 SL= 0.0 MAX(A,B,C,D)= 0.0 0.0 0.0 0.0
HA=175.5 HI= 29.5 GGW= 12.6 SL= 0.0 MAX(A,B,C,D)= 0.0 0.0 0.0 0.0
HA=175.5 HI= 29.5 GGW= 12.6 SL= 0.0 MAX(A,B,C,D)= 0.0 0.0 0.0 0.0
HA=175.5 HI= 29.5 GGW= 12.6 SL= 0.0 MAX(A,B,C,D)= 0.0 0.0 0.0 0.0

HA=175.5 HI= 29.5 GGW= 12.6 SL= 0.0 MAX(A,B,C,D)= 0.0 0.0 0.0 0.0
 HA=175.5 HI= 29.5 GGW= 12.6 SL= 0.0 MAX(A,B,C,D)= 0.0 0.0 0.0 0.0
 HA= 40.7 HI= 29.5 GGW= 12.6 SL= 0.0 MAX(A,B,C,D)= 6.6 5.8 6.3 6.3
 HA= 54.5 HI= 29.5 GGW= 12.6 SL= 0.0 MAX(A,B,C,D)= 6.6 5.9 6.3 6.4
 HA= 68.6 HI= 29.5 GGW= 12.6 SL= 0.0 MAX(A,B,C,D)= 6.6 5.9 6.4 6.4
 HA= 70.2 HI= 29.5 GGW= 12.6 SL= 0.0 MAX(A,B,C,D)= 6.5 5.8 6.3 6.3
 HA= 82.3 HI= 29.5 GGW= 12.6 SL= 0.0 MAX(A,B,C,D)= 6.7 5.9 6.4 6.4
 HA= 84.0 HI= 29.5 GGW= 12.6 SL= 0.0 MAX(A,B,C,D)= 6.6 5.9 6.4 6.4
 HA= 96.5 HI= 29.5 GGW= 12.6 SL= 0.0 MAX(A,B,C,D)= 6.7 5.9 6.4 6.4
 HA=100.4 HI= 29.5 GGW= 12.6 SL= 0.0 MAX(A,B,C,D)= 6.7 5.9 6.4 6.4
 HA=110.2 HI= 29.5 GGW= 12.6 SL= 0.0 MAX(A,B,C,D)= 6.7 6.0 6.4 6.5
 HA=114.5 HI= 29.5 GGW= 12.6 SL= 0.0 MAX(A,B,C,D)= 6.7 5.9 6.4 6.4
 HA=124.3 HI= 29.5 GGW= 12.6 SL= 0.0 MAX(A,B,C,D)= 6.5 5.9 6.3 6.3
 HA=130.9 HI= 29.5 GGW= 12.6 SL= 0.0 MAX(A,B,C,D)= 6.5 5.8 6.3 6.3
 HA=138.1 HI= 29.5 GGW= 12.6 SL= 0.0 MAX(A,B,C,D)= 6.3 5.7 6.1 6.1
 HA=145.0 HI= 29.5 GGW= 12.6 SL= 0.0 MAX(A,B,C,D)= 6.2 5.7 6.0 6.1
 HA=152.2 HI= 29.5 GGW= 12.6 SL= 0.0 MAX(A,B,C,D)= 6.1 5.6 5.9 6.0
 HA=161.4 HI= 29.5 GGW= 12.6 SL= 0.0 MAX(A,B,C,D)= 6.0 5.5 5.9 5.9
 HA=166.0 HI= 29.5 GGW= 12.6 SL= 0.0 MAX(A,B,C,D)= 5.9 5.4 5.8 5.8
 HA=175.5 HI= 29.5 GGW= 12.6 SL= 0.0 MAX(A,B,C,D)= 5.8 5.4 5.7 5.7
 HA=175.5 HI= 29.5 GGW= 12.6 SL= 0.0 MAX(A,B,C,D)= 0.0 0.0 0.0 0.0
 HA=175.5 HI= 29.5 GGW= 12.6 SL= 0.0 MAX(A,B,C,D)= 0.0 0.0 0.0 0.0
 HA=175.5 HI= 29.5 GGW= 12.6 SL= 0.0 MAX(A,B,C,D)= 0.0 0.0 0.0 0.0
 HA=175.5 HI= 29.5 GGW= 12.6 SL= 0.0 MAX(A,B,C,D)= 0.0 0.0 0.0 0.0
 HA=175.5 HI= 29.5 GGW= 12.6 SL= 0.0 MAX(A,B,C,D)= 0.0 0.0 0.0 0.0
 HA=175.5 HI= 29.5 GGW= 12.6 SL= 0.0 MAX(A,B,C,D)= 0.0 0.0 0.0 0.0
 HA= 40.7 HI= 29.5 GGW= 12.6 SL= 0.0 MAX(A,B,C,D)= 5.9 5.3 5.9 5.9
 HA= 54.5 HI= 29.5 GGW= 12.6 SL= 0.0 MAX(A,B,C,D)= 6.4 5.7 6.2 6.2
 HA= 68.6 HI= 29.5 GGW= 12.6 SL= 0.0 MAX(A,B,C,D)= 6.4 5.7 6.2 6.2
 HA= 70.2 HI= 29.5 GGW= 12.6 SL= 0.0 MAX(A,B,C,D)= 6.4 5.7 6.2 6.2
 HA= 82.3 HI= 29.5 GGW= 12.6 SL= 0.0 MAX(A,B,C,D)= 6.5 5.8 6.2 6.2
 HA= 84.0 HI= 29.5 GGW= 12.6 SL= 0.0 MAX(A,B,C,D)= 6.4 5.7 6.2 6.2
 HA= 96.5 HI= 29.5 GGW= 12.6 SL= 0.0 MAX(A,B,C,D)= 6.5 5.8 6.3 6.3
 HA=100.4 HI= 29.5 GGW= 12.6 SL= 0.0 MAX(A,B,C,D)= 6.5 5.8 6.3 6.3
 HA=110.2 HI= 29.5 GGW= 12.6 SL= 0.0 MAX(A,B,C,D)= 6.5 5.8 6.3 6.4
 HA=114.5 HI= 29.5 GGW= 12.6 SL= 0.0 MAX(A,B,C,D)= 6.5 5.8 6.3 6.4
 HA=124.3 HI= 29.5 GGW= 12.6 SL= 0.0 MAX(A,B,C,D)= 6.5 5.8 6.3 6.3
 HA=130.9 HI= 29.5 GGW= 12.6 SL= 0.0 MAX(A,B,C,D)= 6.4 5.7 6.3 6.3
 HA=138.1 HI= 29.5 GGW= 12.6 SL= 0.0 MAX(A,B,C,D)= 6.3 5.7 6.1 6.1
 HA=145.0 HI= 29.5 GGW= 12.6 SL= 0.0 MAX(A,B,C,D)= 6.2 5.6 6.1 6.1
 HA=152.2 HI= 29.5 GGW= 12.6 SL= 0.0 MAX(A,B,C,D)= 6.1 5.6 6.0 6.0
 HA=161.4 HI= 29.5 GGW= 12.6 SL= 0.0 MAX(A,B,C,D)= 6.0 5.4 5.9 5.9
 HA=166.0 HI= 29.5 GGW= 12.6 SL= 0.0 MAX(A,B,C,D)= 5.9 5.4 5.8 5.8
 HA=175.5 HI= 29.5 GGW= 12.6 SL= 0.0 MAX(A,B,C,D)= 5.9 5.3 5.8 5.8
 HA=175.5 HI= 29.5 GGW= 12.6 SL= 0.0 MAX(A,B,C,D)= 0.0 0.0 0.0 0.0
 HA=175.5 HI= 29.5 GGW= 12.6 SL= 0.0 MAX(A,B,C,D)= 0.0 0.0 0.0 0.0
 HA=175.5 HI= 29.5 GGW= 12.6 SL= 0.0 MAX(A,B,C,D)= 0.0 0.0 0.0 0.0
 HA=175.5 HI= 29.5 GGW= 12.6 SL= 0.0 MAX(A,B,C,D)= 0.0 0.0 0.0 0.0
 HA=175.5 HI= 29.5 GGW= 12.6 SL= 0.0 MAX(A,B,C,D)= 0.0 0.0 0.0 0.0
 HA=175.5 HI= 29.5 GGW= 12.6 SL= 0.0 MAX(A,B,C,D)= 0.0 0.0 0.0 0.0

 MAX(A,B,C,D)= 9.6 8.5 8.9 8.9