

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 KS

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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 = 108.3 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
23.0 20.5 47 47 69 69      35 69 50 76( 59) 39 78 41 72
      50 82 37 61(128) 70 70 45 45      82 50 61 37(232)
26.2 19.4 48 48 67 67      38 68 50 73( 59) 41 76 43 70
      51 78 39 61(128) 69 69 46 46      78 51 61 39(232)
29.5 18.3 49 49 65 65      40 66 51 71( 59) 43 73 44 68
      51 76 41 60(128) 67 67 47 47      76 51 60 41(232)
32.8 17.4 50 50 64 64      42 65 51 69( 59) 44 71 46 66
      52 73 43 59(128) 66 66 48 48      73 52 59 43(232)
39.4 15.7 51 51 61 61      46 62 52 65( 59) 47 67 48 63
      53 68 46 58(128) 63 63 50 50      68 53 58 46(232)
45.9 14.1 53 53 59 59      49 60 53 62( 59) 50 63 50 60
      54 64 49 57(128) 61 61 51 51      64 54 57 49(232)
52.5 12.6 54 54 57 57      52 58 54 59( 59) 52 60 52 58
      55 61 51 56(128) 58 58 53 53      61 55 56 51(232)
59.1 11.2 55 55 55 55      54 57 54 56( 59) 55 57 54 56
      55 57 53 55(127) 57 57 54 54      57 55 55 53(232)
65.6 10.4 56 56 54 54      57 55 55 53( 59) 57 54 56 53
      56 54 56 54(127) 55 55 55 55      54 56 54 56(232)
72.2  9.5 58 58 52 52      60 53 56 50( 59) 59 52 57 51
      57 51 58 53(128) 53 53 57 57      51 57 53 58(232)
78.7  8.6 59 59 50 50      62 52 56 48( 59) 61 49 59 50
      58 48 60 53(128) 52 52 58 58      48 58 53 60(232)
85.3  7.9 60 60 49 49      65 50 57 46( 59) 63 47 60 48
      58 45 62 52(128) 50 50 59 59      45 58 52 62(232)
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91.9	7.3	61	61	48	48	67	49	57	44(59)	65	45	62	46
		65	45	62	46(90)	49	49	60	60	45	65	46	62(270)
98.4	6.8	62	62	46	46	63	61	47	45(7)	67	42	63	44
		67	42	63	44(90)	47	47	61	61	42	67	44	63(270)
105.0	6.2	63	63	45	45	66	59	48	43(14)	69	40	64	43
		69	40	64	43(90)	46	46	62	62	40	69	43	64(270)
111.5	5.7	64	64	44	44	69	58	49	40(21)	70	38	66	41
		70	38	66	42(93)	45	45	63	63	38	70	42	66(266)
118.1	5.5	65	65	42	42	73	56	50	37(27)	73	36	67	39
		71	34	69	41(98)	43	43	64	64	34	71	41	69(261)
124.7	5.3	67	67	41	41	76	54	51	34(31)	75	33	69	37
		72	31	72	40(102)	42	42	66	66	31	72	41	72(257)
131.2	4.9	67	67	40	40	77	53	51	33(33)	77	32	70	36
		73	29	73	40(104)	41	41	67	67	29	72	40	73(255)

HA= 40.7 HI=108.3 GGW= 75.8 SL= 0.0 MAX(A,B,C,D)= 7.6 7.6 6.8 7.0

Main boom and fixed jib (jib angle 0.0 degrees)

Length of main boom = 54.5 ft Length of jib = 108.3 ft

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

Counterweight = 75.8 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]												(Pos.[Degrees]) 0-360 Degr.
		1(0)				2(...)				3(90)				
		4(...)				5(180)				6(...)				
A	B	C	D	A	B	C	D	A	B	C	D			
26.2	18.7	47	47	67	67	37	68	50	73(59)	40	76	43	70	
		50	79	39	60(128)	69	69	46	46	79	50	60	39(232)	
29.5	18.1	49	49	65	65	40	66	51	71(59)	42	73	44	68	
		51	76	41	60(128)	67	67	47	47	76	51	60	41(232)	
32.8	17.2	50	50	64	64	42	65	51	69(59)	44	71	46	66	
		52	73	43	59(128)	65	65	48	48	73	52	59	43(232)	
39.4	15.4	51	51	61	61	46	62	52	65(59)	47	67	48	63	
		53	68	46	58(128)	63	63	50	50	68	53	58	46(232)	
45.9	14.1	53	53	59	59	50	60	53	61(59)	51	63	51	60	
		54	64	49	57(128)	60	60	52	52	64	54	57	49(232)	
52.5	13.0	55	55	57	57	53	58	54	58(59)	54	59	53	57	
		55	60	52	56(128)	58	58	53	53	60	55	56	52(232)	
59.1	11.7	56	56	55	55	56	56	55	55(59)	56	56	55	55	
		56	56	55	55(127)	56	56	55	55	56	56	55	55(232)	
65.6	10.8	58	58	53	53	59	54	56	52(59)	59	53	57	52	
		57	52	57	54(128)	54	54	56	56	52	57	54	57(232)	
72.2	9.9	59	59	51	51	62	53	56	49(59)	61	50	58	50	
		58	49	60	53(128)	52	52	58	58	49	58	53	60(232)	
78.7	9.3	60	60	49	49	65	51	57	47(59)	63	47	60	48	
		59	46	62	52(128)	50	50	59	59	46	59	52	62(232)	
85.3	8.4	61	61	48	48	67	50	58	45(59)	65	45	62	47	
		65	45	62	47(90)	49	49	60	60	45	65	47	62(270)	
91.9	7.7	62	62	47	47	63	61	47	46(4)	67	43	63	45	
		67	43	63	45(90)	48	48	61	61	43	67	45	63(270)	
98.4	7.3	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)	
105.0	6.8	65	65	44	44	71	57	49	39(23)	72	38	67	41	
		71	37	67	42(95)	45	45	64	64	37	70	42	67(264)	

111.5	6.4	66	66	42	42	73	56	50	37(27)	74	35	68	39
		72	34	70	41(99)	43	43	65	65	34	71	41	70(260)
118.1	6.0	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)
124.7	5.5	68	68	40	40	78	53	52	33(33)	77	32	71	36
		73	29	73	40(104)	41	41	67	67	29	73	40	74(255)
131.2	5.3	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)
137.8	4.9	70	70	37	37	83	51	53	28(37)	81	28	73	33
		75	24	77	39(108)	38	38	69	69	24	74	39	78(251)
144.4	4.6	71	71	36	36	85	49	54	26(39)	83	25	75	31
		76	21	79	38(109)	37	37	70	70	21	75	38	80(250)

HA= 54.5 HI=108.3 GGW= 75.8 SL= 0.0 MAX(A,B,C,D)= 7.9 7.3 7.4 7.4

Main boom and fixed jib (jib angle 0.0 degrees)

Length of main boom = 68.6 ft Length of jib = 108.3 ft

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

Counterweight = 75.8 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.			
		1(0)		2(...)		3(90)		6(...)					
		4(...)		5(180)		6(...)							
		A	B	C	D	A	B	C	D				
29.5	17.0	48	48	65	65	39	67	50	71(59)	41	74	44	68
		51	76	40	60(128)	67	67	46	46	76	51	60	40(232)
32.8	16.3	49	49	64	64	41	65	51	69(59)	43	71	45	66
		51	73	42	59(128)	66	66	47	47	73	51	59	42(232)
39.4	15.0	51	51	62	62	45	62	52	65(59)	47	67	48	63
		53	69	46	58(128)	63	63	50	50	69	53	58	46(232)
45.9	13.9	53	53	59	59	50	60	53	61(59)	50	63	50	60
		54	64	49	57(128)	60	60	52	52	64	54	57	49(232)
52.5	12.8	55	55	57	57	53	58	54	58(59)	54	59	53	57
		55	60	52	56(128)	58	58	53	53	60	55	56	52(232)
59.1	11.7	56	56	55	55	56	56	55	54(59)	56	56	55	55
		56	56	55	55(127)	56	56	55	55	56	56	55	55(232)
65.6	10.8	58	58	53	53	60	54	56	52(59)	59	53	57	52
		57	52	58	54(128)	54	54	56	56	52	57	54	58(232)
72.2	9.7	59	59	51	51	62	52	56	49(59)	61	50	58	50
		58	49	60	53(128)	52	52	58	58	49	58	53	60(232)
78.7	9.0	60	60	49	49	65	51	57	47(59)	63	47	60	48
		59	46	62	52(128)	50	50	59	59	46	59	52	62(232)
85.3	8.2	61	61	48	48	67	50	57	45(59)	65	45	62	47
		65	45	62	47(90)	49	49	60	60	45	65	47	62(270)
91.9	7.5	62	62	47	47	63	61	47	46(3)	67	43	63	45
		67	43	63	45(90)	48	48	61	61	43	67	45	63(270)
98.4	6.8	63	63	45	45	66	60	48	43(13)	69	41	64	43
		69	41	64	43(90)	46	46	62	62	41	69	43	64(270)
105.0	6.2	64	64	44	44	68	58	49	41(19)	70	39	65	42
		70	39	66	42(92)	45	45	63	63	39	69	42	66(267)
111.5	5.7	65	65	43	43	71	57	49	39(24)	72	37	67	40
		71	36	68	41(96)	44	44	64	64	36	70	41	68(263)
118.1	5.3	66	66	42	42	73	55	50	36(28)	74	35	68	39
		71	33	70	41(100)	43	43	65	65	33	71	41	70(259)

124.7	4.9	67	67	41	41	76	54	51	34(31)	75	33	69	37
		72	31	72	40(102)	41	41	66	66	31	72	40	72(257)
131.2	4.4	67	67	40	40	77	53	51	33(33)	77	31	70	36
		73	29	73	40(104)	41	41	67	67	29	72	40	73(255)
137.8	4.0	68	68	39	39	79	52	51	31(34)	78	30	71	35
		73	27	74	39(105)	40	40	67	67	27	73	39	75(254)
144.4	3.7	69	69	38	38	81	51	52	29(36)	80	28	73	33
		74	24	76	39(107)	38	38	68	68	24	74	39	77(252)
150.9	3.5	70	70	36	36	84	50	53	27(38)	81	26	74	32
		75	22	78	38(108)	37	37	69	69	22	75	38	78(251)
157.5	3.3	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)

HA= 68.6 HI=108.3 GGW= 75.8 SL= 0.0 MAX(A,B,C,D)= 8.0 7.1 7.4 7.5

Main boom and fixed jib (jib angle 0.0 degrees)

Length of main boom = 70.2 ft Length of jib = 108.3 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)		6(...)					
		A	B	C	D	A	B	C	D				
29.5	16.8	48	48	66	66	38	67	50	72(59)	41	74	43	68
		50	77	40	60(128)	67	67	46	46	77	50	60	40(232)
32.8	16.1	49	49	64	64	41	65	51	69(59)	43	71	45	67
		51	74	42	59(128)	66	66	47	47	74	51	59	42(232)
39.4	14.8	51	51	62	62	45	63	52	65(59)	47	67	48	63
		53	69	46	58(128)	63	63	49	49	69	53	58	46(232)
45.9	13.4	53	53	59	59	49	60	53	62(59)	50	63	50	60
		54	64	49	57(128)	61	61	51	51	64	54	57	49(232)
52.5	12.1	54	54	57	57	52	58	54	58(59)	52	60	52	58
		55	60	51	56(128)	58	58	53	53	60	55	56	51(232)
59.1	10.8	55	55	55	55	54	56	54	56(59)	54	57	54	56
		55	57	53	55(127)	57	57	54	54	57	55	55	53(232)
65.6	9.5	56	56	54	54	56	55	54	54(59)	56	55	55	54
		56	55	55	54(127)	55	55	55	55	55	56	54	55(232)
72.2	8.4	57	57	53	53	58	54	55	52(59)	58	53	56	52
		56	52	56	54(128)	54	54	56	56	52	56	54	56(232)
78.7	7.7	58	58	51	51	61	52	56	49(59)	60	50	58	50
		57	49	59	53(128)	52	52	57	57	49	57	53	59(232)
85.3	7.1	59	59	50	50	63	51	56	47(59)	62	48	59	48
		58	47	61	52(128)	50	50	58	58	47	58	52	61(232)
91.9	6.4	60	60	48	48	65	50	57	45(59)	63	45	60	47
		58	44	62	52(128)	49	49	59	59	44	58	52	62(232)
98.4	5.7	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)
105.0	5.1	61	61	46	46	62	60	47	46(4)	66	42	62	44
		66	42	62	44(90)	47	47	60	60	42	66	44	62(270)
111.5	4.6	62	62	45	45	65	59	48	43(13)	68	40	64	43
		68	40	64	43(90)	46	46	62	62	40	68	43	64(270)
118.1	4.2	63	63	44	44	68	58	48	41(19)	69	38	65	41
		69	38	65	42(92)	45	45	62	62	38	69	42	65(267)

124.7	4.0	64	64	43	43	71	56	49	38(25)	72	36	67	39
		70	35	68	41(97)	43	43	64	64	35	70	41	68(262)
131.2	3.5	65	65	42	42	73	55	50	36(28)	73	35	67	38
		71	33	69	40(99)	42	42	64	64	33	71	41	69(260)
137.8	3.1	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)
144.4	2.9	67	67	40	40	77	53	50	33(32)	76	31	70	36
		72	29	72	39(103)	40	40	66	66	29	72	40	72(256)
150.9	2.6	68	68	39	39	78	52	51	31(34)	77	30	71	35
		73	27	74	39(105)	39	39	67	67	26	73	39	74(254)
157.5	2.4	69	69	37	37	81	51	52	29(36)	79	28	72	33
		73	24	76	39(107)	38	38	68	68	24	73	39	76(252)
164.0	2.2	69	69	37	37	82	50	52	28(37)	80	26	73	32
		74	23	77	38(108)	37	37	69	69	22	74	38	77(251)

 HA= 70.2 HI=108.3 GGW= 75.8 SL= 0.0 MAX(A,B,C,D)= 7.6 7.1 7.2 7.2

Main boom and fixed jib (jib angle 0.0 degrees)

Length of main boom = 82.3 ft Length of jib = 108.3 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(...)	5(180)	6(...)									
A	B	C	D	A	B	C	D	A	B	C	D		
32.8	15.9	49	49	64	64	41	65	51	69(59)	43	71	45	66
		51	73	42	59(128)	65	65	47	47	73	51	59	42(232)
39.4	14.8	51	51	61	61	46	62	52	65(59)	47	67	48	63
		53	68	46	58(128)	63	63	50	50	68	53	58	46(232)
45.9	13.7	53	53	59	59	50	60	53	61(59)	51	62	51	60
		54	63	50	56(128)	60	60	52	52	63	54	56	50(232)
52.5	12.8	55	55	56	56	54	57	54	57(59)	54	58	54	56
		56	59	53	56(127)	58	58	54	54	59	56	56	53(232)
59.1	11.9	57	57	54	54	58	55	55	53(59)	58	54	56	54
		57	54	56	54(127)	55	55	56	56	54	57	54	56(232)
65.6	11.0	59	59	52	52	61	53	56	50(59)	60	51	58	51
		58	50	59	54(128)	53	53	57	57	50	58	54	59(232)
72.2	10.1	60	60	50	50	64	52	57	47(59)	63	48	60	49
		59	47	62	53(128)	51	51	59	59	47	59	53	62(232)
78.7	9.3	61	61	49	49	67	50	58	45(59)	65	46	62	47
		65	46	62	47(90)	50	50	60	60	46	65	47	62(270)
85.3	8.6	63	63	47	47	63	62	48	46(5)	67	43	63	45
		67	43	63	45(90)	48	48	62	62	43	67	45	63(270)
91.9	7.9	64	64	45	45	67	59	49	43(16)	70	40	65	43
		70	40	65	43(90)	46	46	63	63	40	70	43	65(270)
98.4	7.3	65	65	44	44	70	58	49	40(22)	71	38	67	41
		71	37	67	42(95)	45	45	64	64	37	70	42	67(264)
105.0	6.6	65	65	43	43	73	56	50	38(26)	73	36	68	40
		71	35	69	41(98)	44	44	65	65	35	71	41	69(261)
111.5	6.0	66	66	42	42	75	55	50	36(29)	74	34	69	38
		72	33	71	41(100)	43	43	65	65	33	72	41	71(259)
118.1	5.7	68	68	40	40	78	53	52	33(33)	77	32	71	36
		73	29	74	40(104)	41	41	67	67	29	73	40	74(255)

124.7	5.3	69	69	39	39	80	52	52	31(35)	79	30	72	35
		74	26	75	39(106)	39	39	68	68	26	73	40	76(253)
131.2	4.9	70	70	38	38	82	51	53	29(37)	80	28	73	33
		75	24	77	39(107)	38	38	69	69	24	74	39	77(252)
137.8	4.4	71	71	37	37	84	50	53	27(38)	82	26	74	32
		75	22	78	38(108)	37	37	70	70	22	75	39	78(251)
144.4	4.2	72	72	35	35	87	48	54	25(40)	84	24	76	30
		76	19	81	38(110)	36	36	71	71	19	76	38	81(249)
150.9	4.0	73	73	34	34	90	47	55	22(41)	86	22	78	28
		77	17	83	37(111)	35	35	72	72	17	77	37	83(248)
157.5	3.7	74	74	33	33	92	46	55	20(42)	88	19	79	27
		78	14	85	36(112)	33	33	73	73	14	77	37	85(247)
164.0	3.5	75	75	32	32	93	47	54	19(40)	90	17	80	25
		78	12	87	36(113)	32	32	75	75	12	78	37	87(246)

 HA= 82.3 HI=108.3 GGW= 75.8 SL= 0.0 MAX(A,B,C,D)= 8.7 7.3 8.0 8.1

Main boom and fixed jib (jib angle 0.0 degrees)

Length of main boom = 84.0 ft Length of jib = 108.3 ft

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

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	15.7	49	49	64	64	41	65	51	69(59)	43	71	45	66
		51	73	42	59(128)	65	65	47	47	73	51	59	42(232)
39.4	14.6	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)
45.9	13.4	53	53	59	59	50	60	53	61(59)	51	63	51	60
		54	63	49	57(128)	60	60	52	52	63	54	57	49(232)
52.5	12.3	55	55	56	56	53	58	54	57(59)	54	59	53	57
		55	59	52	56(128)	58	58	53	53	59	55	56	52(232)
59.1	11.2	56	56	54	54	56	56	55	54(59)	56	56	55	54
		56	56	55	55(127)	56	56	55	55	56	56	55	55(232)
65.6	10.1	57	57	53	53	59	54	56	52(59)	59	53	57	52
		57	52	57	54(128)	54	54	56	56	52	57	54	57(232)
72.2	9.0	58	58	51	51	61	52	56	49(59)	60	50	58	50
		57	50	59	53(128)	52	52	57	57	50	57	53	59(232)
78.7	7.9	59	59	50	50	63	51	56	48(59)	62	48	59	49
		58	47	60	52(128)	51	51	58	58	47	58	52	60(232)
85.3	7.5	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)
91.9	6.8	62	62	47	47	62	61	47	47(1)	66	43	63	45
		66	43	63	45(90)	48	48	61	61	43	66	45	63(270)
98.4	6.2	62	62	46	46	65	60	48	44(12)	68	41	64	43
		68	41	64	43(90)	47	47	62	62	41	68	43	64(270)
105.0	5.7	64	64	44	44	69	58	49	41(20)	70	39	65	41
		70	38	66	42(92)	45	45	63	63	38	70	42	66(267)
111.5	5.1	64	64	43	43	70	57	49	39(23)	71	37	66	40
		70	36	67	41(95)	44	44	63	63	36	70	41	67(264)
118.1	4.6	65	65	42	42	73	56	50	37(27)	73	35	68	39
		71	34	69	41(99)	43	43	64	64	34	71	41	69(260)

124.7	4.4	67	67	40	40	76	54	51	34(31)	75	33	69	37
		72	30	72	40(102)	41	41	66	66	30	72	40	72(257)
131.2	4.0	67	67	39	39	78	53	51	32(33)	77	31	71	36
		73	28	73	39(104)	40	40	67	67	28	73	40	73(255)
137.8	3.5	68	68	39	39	79	52	52	31(35)	78	30	71	35
		73	26	75	39(106)	39	39	67	67	26	73	39	75(253)
144.4	3.3	69	69	37	37	82	50	52	28(37)	80	27	73	33
		74	24	77	38(107)	38	38	69	69	24	74	39	77(252)
150.9	3.1	70	70	36	36	84	49	53	26(38)	82	25	75	31
		75	21	79	38(109)	37	37	70	70	21	74	38	79(250)
157.5	2.9	71	71	35	35	87	48	54	24(40)	84	23	76	30
		76	19	80	37(110)	35	35	71	71	19	75	38	81(249)
164.0	2.6	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)
177.2	2.2	74	74	32	32	92	45	55	19(42)	88	18	79	26
		78	13	85	36(112)	32	32	73	73	13	77	36	85(247)

 HA= 84.0 HI=108.3 GGW= 75.8 SL= 0.0 MAX(A,B,C,D)= 8.6 7.2 7.9 7.9

Main boom and fixed jib (jib angle 0.0 degrees)

Length of main boom = 96.5 ft Length of jib = 108.3 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	A B C D										
39.4	14.1	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)
45.9	13.2	53	53	58	58	50	60	53	60(59)	51	62	51	59
		54	63	50	56(128)	60	60	52	52	63	54	56	50(232)
52.5	12.3	55	55	56	56	54	57	54	57(59)	54	58	54	56
		56	58	53	55(127)	57	57	54	54	58	56	55	53(232)
59.1	11.5	57	57	54	54	58	55	55	53(59)	58	54	56	54
		57	54	56	54(127)	55	55	56	56	54	57	54	56(232)
65.6	10.8	59	59	52	52	62	53	56	50(59)	61	51	58	51
		58	50	60	53(128)	53	53	58	58	50	58	53	60(232)
72.2	10.1	61	61	49	49	65	51	57	46(59)	64	47	61	48
		59	46	63	52(128)	51	51	60	60	46	59	52	63(232)
78.7	9.5	62	62	48	48	69	49	58	43(59)	67	44	63	46
		67	44	63	46(90)	49	49	61	61	44	67	46	63(270)
85.3	8.8	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)
91.9	8.2	65	65	44	44	70	58	50	40(22)	72	39	67	41
		71	38	67	42(94)	45	45	64	64	38	71	42	67(265)
98.4	7.7	66	66	42	42	74	56	51	37(28)	74	35	69	39
		72	34	71	41(100)	43	43	65	65	34	72	42	71(259)
105.0	7.1	67	67	41	41	77	55	51	35(31)	76	34	70	37
		73	31	72	41(102)	42	42	66	66	31	73	41	73(257)
111.5	6.6	69	69	39	39	80	53	52	32(34)	78	31	72	35
		74	28	75	40(105)	41	41	68	68	28	74	40	75(254)
118.1	6.0	69	69	39	39	81	52	53	30(36)	80	29	73	34
		75	26	76	39(106)	39	39	69	69	26	74	39	76(253)

124.7	5.5	71	71	37	37	84	51	53	28(37)	82	27	74	33
		75	23	78	39(108)	38	38	70	70	23	75	39	78(251)
131.2	5.3	72	72	35	35	87	49	54	25(39)	84	24	76	31
		76	20	81	38(110)	36	36	71	71	20	76	39	81(249)
137.8	4.9	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)
144.4	4.6	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)
150.9	4.2	75	75	32	32	93	46	56	19(42)	89	19	80	26
		78	13	86	37(113)	33	33	74	74	13	78	37	86(246)
157.5	4.0	76	76	31	31	95	46	55	17(41)	91	16	82	24
		79	10	88	36(114)	32	32	75	75	10	78	37	88(245)
164.0	3.7	77	77	29	29	98	45	56	15(42)	93	14	83	23
		83	8	90	33(110)	30	30	77	77	8	82	33	90(249)
177.2	3.3	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)

 HA= 96.5 HI=108.3 GGW= 75.8 SL= 0.0 MAX(A,B,C,D)= 9.5 7.8 8.6 8.7

Main boom and fixed jib (jib angle 0.0 degrees)

Length of main boom = 100.4 ft Length of jib = 108.3 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(...)	5(180)	6(...)										
A B C D	A B C D	A B C D	A B C D										
39.4	13.7	50	50	61	61	45	62	52	65(59)	47	67	47	63
		52	68	45	58(128)	63	63	49	49	68	52	58	45(232)
45.9	12.8	53	53	59	59	49	60	53	61(59)	50	63	50	60
		54	63	49	56(128)	60	60	51	51	63	54	56	49(232)
52.5	11.9	55	55	56	56	53	58	54	57(59)	54	59	53	57
		55	59	52	55(128)	58	58	53	53	59	55	55	52(232)
59.1	11.0	56	56	54	54	57	55	55	54(59)	57	55	55	54
		56	55	56	54(127)	55	55	55	55	55	56	54	56(232)
65.6	10.1	58	58	52	52	60	53	56	51(59)	60	52	58	51
		57	51	58	54(128)	53	53	57	57	51	57	54	58(232)
72.2	9.5	60	60	50	50	64	52	57	47(59)	63	48	60	49
		58	47	61	53(128)	51	51	58	58	47	58	53	61(232)
78.7	8.6	61	61	49	49	66	50	57	45(59)	65	46	61	47
		65	46	61	47(90)	50	50	60	60	46	65	47	61(270)
85.3	7.7	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)
91.9	7.1	63	63	46	46	65	60	48	44(12)	68	41	64	43
		68	41	64	43(90)	47	47	62	62	41	68	43	64(270)
98.4	6.6	64	64	44	44	69	58	49	40(21)	71	38	66	41
		70	38	67	42(94)	45	45	63	63	37	70	42	67(265)
105.0	6.2	66	66	42	42	73	56	50	37(27)	73	36	68	39
		71	34	69	41(99)	43	43	65	65	34	71	41	70(260)
111.5	5.5	66	66	41	41	75	55	51	35(30)	75	34	69	38
		72	32	71	41(101)	42	42	65	65	32	72	41	71(258)
118.1	5.1	67	67	40	40	77	54	51	33(32)	77	32	70	36
		73	29	73	40(104)	41	41	67	67	29	72	40	73(255)

124.7	4.6	68	68	39	39	80	52	52	31(35)	78	30	72	35
		74	27	75	39(105)	40	40	68	68	27	73	39	75(254)
131.2	4.2	69	69	38	38	82	51	52	29(36)	80	28	73	34
		74	25	77	39(107)	39	39	69	69	25	74	39	77(252)
137.8	4.0	71	71	36	36	84	50	53	27(38)	82	26	75	32
		75	22	79	38(109)	37	37	70	70	22	75	39	79(250)
144.4	3.7	72	72	35	35	87	48	54	24(40)	84	23	76	30
		76	19	81	37(110)	36	36	71	71	19	76	38	81(249)
150.9	3.5	73	73	34	34	90	47	55	22(41)	86	21	78	28
		77	16	83	37(111)	34	34	73	73	16	77	37	83(248)
157.5	3.1	74	74	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)
164.0	2.9	75	75	32	32	93	47	54	19(40)	89	18	80	26
		78	12	86	36(113)	32	32	74	74	12	77	37	86(246)
177.2	2.4	77	77	29	29	97	45	55	16(41)	93	14	82	23
		83	9	89	32(109)	30	30	76	76	9	82	33	89(250)

 HA=100.4 HI=108.3 GGW= 75.8 SL= 0.0 MAX(A,B,C,D)= 9.0 7.6 8.2 8.2

Main boom and fixed jib (jib angle 0.0 degrees)

Length of main boom = 110.2 ft Length of jib = 108.3 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(...)	5(180)	6(...)										
A B C D	A B C D	A B C D	A B C D										
39.4	13.7	51	51	61	61	46	62	52	64(59)	47	66	48	62
		53	67	46	57(128)	62	62	50	50	67	53	57	46(232)
45.9	12.8	53	53	58	58	50	59	53	60(59)	51	62	51	59
		54	62	50	56(128)	60	60	52	52	62	54	56	50(232)
52.5	12.1	56	56	56	56	55	57	54	56(59)	55	57	54	56
		56	57	54	55(127)	57	57	54	54	57	56	55	54(232)
59.1	11.5	58	58	53	53	60	54	56	52(59)	59	53	57	52
		57	53	58	54(128)	54	54	56	56	53	57	54	58(232)
65.6	10.8	60	60	51	51	63	52	57	48(59)	62	49	60	50
		59	48	61	53(128)	52	52	59	59	48	59	53	61(232)
72.2	10.1	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)
78.7	9.7	64	64	46	46	66	61	49	44(12)	69	42	65	44
		69	42	65	44(90)	47	47	62	62	42	69	44	65(270)
85.3	9.0	65	65	44	44	71	58	50	40(22)	72	39	67	42
		71	38	67	42(94)	45	45	64	64	38	71	43	68(265)
91.9	8.4	67	67	43	43	74	56	51	37(28)	74	36	69	39
		72	34	70	41(99)	44	44	65	65	34	72	42	71(260)
98.4	7.9	68	68	41	41	78	54	52	34(32)	77	33	71	37
		74	30	73	41(103)	42	42	67	67	30	73	41	74(256)
105.0	7.5	70	70	39	39	81	53	53	31(35)	80	30	73	35
		75	27	76	40(106)	40	40	69	69	27	75	40	77(253)
111.5	7.1	71	71	37	37	85	51	54	28(38)	82	27	75	33
		76	23	79	39(108)	38	38	70	70	23	76	39	79(251)
118.1	6.4	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)

124.7	6.0	73	73	35	35	89	49	55	24(40)	86	23	78	30
		77	18	83	38(111)	36	36	72	72	18	77	38	83(248)
131.2	5.5	74	74	34	34	92	47	56	21(42)	88	21	79	28
		78	16	85	37(112)	34	34	73	73	15	77	38	85(247)
137.8	5.1	75	75	32	32	94	45	56	19(43)	90	19	80	26
		79	13	86	37(113)	33	33	75	75	13	78	37	87(246)
144.4	4.9	77	77	31	31	96	46	55	17(41)	92	16	82	24
		80	10	89	36(114)	31	31	76	76	10	79	37	89(245)
150.9	4.6	78	78	29	29	99	45	56	15(42)	95	13	84	22
		84	7	91	32(110)	30	30	77	77	7	83	33	91(249)
157.5	4.4	80	80	28	28	102	43	57	12(43)	97	11	86	20
		85	4	93	32(111)	28	28	79	79	4	84	32	93(248)
164.0	4.0	80	80	27	27	103	43	57	11(43)	98	9	87	19
		86	3	94	31(111)	27	27	80	80	3	85	32	94(248)
177.2	3.1	81	81	25	25	106	41	58	9(44)	100	7	88	18
		86	0	96	30(112)	26	26	80	80	0	85	31	96(247)

 HA=110.2 HI=108.3 GGW= 75.8 SL= 0.0 MAX(A,B,C,D)= 9.8 7.9 8.9 8.9

Main boom and fixed jib (jib angle 0.0 degrees)

Length of main boom = 114.5 ft Length of jib = 108.3 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(...)		
	A	B C D	A B C D	A B C D	A B C D	A B C D			
45.9	12.6	53 53 58 58	50 59 53 60(59)	51 62 51 59					
		54 63 50 56(128)	60 60 52 52	63 54 56 50(232)					
52.5	11.7	55 55 56 56	54 57 54 56(59)	54 58 54 56					
		55 58 53 55(127)	57 57 54 54	58 55 55 53(232)					
59.1	11.0	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)					
65.6	10.4	59 59 51 51	63 52 57 49(59)	62 50 59 50					
		58 49 60 53(128)	52 52 58 58	49 58 53 60(232)					
72.2	9.5	61 61 49 49	66 51 57 46(59)	64 47 61 48					
		59 45 63 52(128)	50 50 60 60	45 59 52 63(232)					
78.7	8.8	62 62 47 47	62 62 47 47(1)	67 44 63 45					
		67 44 63 45(90)	48 48 61 61	44 67 45 63(270)					
85.3	8.2	64 64 45 45	67 59 49 43(16)	69 41 65 43					
		69 41 65 43(90)	47 47 63 63	41 69 43 65(270)					
91.9	7.5	65 65 44 44	71 58 50 40(23)	72 38 67 41					
		71 37 68 42(95)	45 45 64 64	37 71 42 68(264)					
98.4	6.8	66 66 42 42	74 56 50 37(28)	74 35 68 39					
		72 34 70 41(99)	43 43 65 65	34 72 41 70(260)					
105.0	6.4	67 67 41 41	77 54 51 34(32)	76 33 70 37					
		73 30 73 40(103)	42 42 67 67	30 73 41 73(256)					
111.5	6.0	69 69 39 39	80 52 52 31(35)	79 30 72 35					
		74 27 75 40(106)	40 40 68 68	27 73 40 75(253)					
118.1	5.5	70 70 38 38	83 51 53 29(37)	81 28 74 33					
		75 24 77 39(107)	39 39 69 69	24 75 39 78(252)					
124.7	5.1	71 71 36 36	85 50 53 27(38)	83 26 75 32					
		76 22 79 38(109)	37 37 70 70	22 75 39 80(250)					

131.2	4.6	72	72	35	35	88	48	54	24(40)	84	24	77	30
		77	19	81	38(110)	36	36	71	71	19	76	38	81(249)
137.8	4.2	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)
144.4	4.0	75	75	32	32	92	46	56	20(42)	88	19	80	27
		78	14	85	36(112)	33	33	74	74	14	78	37	86(247)
150.9	3.7	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)
157.5	3.5	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)
164.0	3.3	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)
177.2	2.6	80	80	26	26	103	43	56	10(43)	98	9	87	19
		85	3	94	31(111)	27	27	79	79	2	85	31	94(248)

 HA=114.5 HI=108.3 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 = 124.3 ft Length of jib = 108.3 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(...)					
		A	B	C	D	A	B		C		D		
45.9	12.1	53	53	58	58	50	59	53	60(59)	51	61	51	59
		54	62	50	56(128)	59	59	52	52	62	54	56	50(232)
52.5	11.7	56	56	55	55	55	56	55	55(59)	56	57	54	55
		56	57	54	55(127)	56	56	54	54	57	56	55	54(232)
59.1	11.0	58	58	53	53	60	54	56	51(59)	59	52	57	52
		57	52	58	54(128)	54	54	57	57	52	57	54	58(232)
65.6	10.4	60	60	50	50	64	52	57	48(59)	63	49	60	49
		59	48	61	53(128)	52	52	59	59	48	59	53	61(232)
72.2	9.9	62	62	48	48	68	50	58	44(59)	67	45	63	46
		67	45	63	46(90)	49	49	61	61	45	67	46	63(270)
78.7	9.5	64	64	46	46	68	60	49	43(16)	70	41	65	43
		70	41	65	43(90)	47	47	63	63	41	70	43	65(270)
85.3	9.0	66	66	43	43	73	57	50	38(26)	74	37	68	40
		72	36	69	42(98)	45	45	65	65	36	72	42	70(261)
91.9	8.4	68	68	42	42	77	55	52	35(31)	76	34	70	38
		73	32	72	41(102)	43	43	67	67	32	73	41	73(257)
98.4	7.9	69	69	40	40	81	53	53	32(35)	79	31	72	35
		75	28	75	40(105)	41	41	68	68	28	74	40	76(254)
105.0	7.5	71	71	38	38	84	51	53	29(37)	82	28	75	33
		76	24	78	39(108)	39	39	70	70	24	75	40	79(251)
111.5	7.1	73	73	36	36	87	50	54	26(39)	85	25	77	31
		77	21	81	39(110)	37	37	72	72	21	76	39	81(249)
118.1	6.6	74	74	34	34	91	48	55	23(41)	87	22	78	29
		78	17	84	37(111)	35	35	73	73	17	78	38	84(248)
124.7	6.4	76	76	32	32	95	46	57	20(43)	90	19	81	26
		79	13	87	37(113)	33	33	75	75	13	78	37	87(246)
131.2	6.0	77	77	31	31	96	47	56	17(41)	92	17	82	25
		80	11	89	36(114)	32	32	76	76	10	79	37	89(245)

137.8	5.5	78	78	30	30	99	45	56	15(42)	94	14	84	23
		84	9	90	33(110)	30	30	77	77	8	83	34	91(249)
144.4	5.1	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)
150.9	4.9	81	81	27	27	104	43	57	11(43)	99	9	87	19
		86	3	95	31(111)	28	28	80	80	3	86	32	95(248)
157.5	4.4	82	82	26	26	106	42	58	9(44)	100	8	88	18
		87	1	96	31(112)	26	26	81	81	1	86	32	96(247)
164.0	3.7	82	82	25	25	106	41	58	8(44)	100	7	89	18
		87	0	96	31(112)	26	26	81	81	0	86	31	97(247)
177.2	2.4	81	81	25	25	105	41	58	8(44)	100	7	88	17
		86	0	96	30(112)	26	26	80	80	0	85	31	96(247)

 HA=124.3 HI=108.3 GGW= 75.8 SL= 0.0 MAX(A,B,C,D)= 9.9 8.0 9.0 9.0

Main boom and fixed jib (jib angle 0.0 degrees)

Length of main boom = 130.9 ft Length of jib = 108.3 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(...)					
		4(...)		5(180)		6(...)							
		A	B	C	D	A	B	C	D	A	B	C	D
52.5	10.8	55	55	56	56	54	57	54	56(59)	54	58	53	56
		55	58	53	55(127)	57	57	54	54	58	55	55	53(232)
59.1	10.6	58	58	53	53	59	54	56	52(59)	59	53	57	52
		57	52	57	54(128)	54	54	56	56	52	57	54	57(232)
65.6	9.9	60	60	50	50	63	52	57	48(59)	62	49	59	49
		58	48	61	53(128)	52	52	58	58	48	58	53	61(232)
72.2	9.5	62	62	48	48	67	50	58	44(59)	66	45	62	47
		66	45	62	47(90)	49	49	60	60	45	66	47	62(270)
78.7	8.8	63	63	46	46	66	60	49	44(12)	69	42	64	44
		69	42	64	44(90)	47	47	62	62	42	69	44	64(270)
85.3	8.2	65	65	44	44	70	58	50	40(22)	71	39	67	42
		71	38	67	42(94)	45	45	64	64	38	71	43	67(265)
91.9	7.7	67	67	42	42	75	56	51	37(28)	75	35	69	39
		72	34	71	41(100)	43	43	66	66	34	72	41	71(259)
98.4	7.1	68	68	41	41	78	54	52	34(32)	77	33	71	37
		73	30	73	40(103)	42	42	67	67	30	73	41	73(256)
105.0	6.4	69	69	39	39	80	52	52	31(35)	79	30	72	35
		74	28	75	40(105)	40	40	68	68	28	74	40	75(254)
111.5	6.0	70	70	38	38	83	51	53	29(37)	81	28	74	33
		75	24	78	39(108)	39	39	69	69	24	75	39	78(251)
118.1	5.7	72	72	36	36	87	49	54	25(39)	84	24	76	31
		77	20	81	38(110)	37	37	71	71	20	76	39	81(249)
124.7	5.3	73	73	34	34	90	48	55	23(41)	86	22	78	29
		77	17	83	37(111)	35	35	73	73	17	77	38	83(248)
131.2	4.9	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)
137.8	4.6	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)
144.4	4.2	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)

150.9	4.0	78	78	28	28	100	45	56	14(42)	95	12	85	22
		84	7	91	32(110)	29	29	78	78	6	84	32	91(249)
157.5	3.7	80	80	27	27	103	43	57	11(43)	98	10	86	20
		86	4	94	31(111)	28	28	79	79	3	85	32	94(248)
164.0	3.3	80	80	26	26	104	43	57	10(43)	99	9	87	19
		86	2	95	30(111)	27	27	80	80	2	86	31	95(248)
177.2	2.2	81	81	25	25	105	41	57	9(44)	99	7	88	18
		86	0	95	30(112)	26	26	80	80	0	85	31	96(247)

 HA=130.9 HI=108.3 GGW= 75.8 SL= 0.0 MAX(A,B,C,D)= 9.7 7.9 8.9 8.9

Main boom and fixed jib (jib angle 0.0 degrees)
 Length of main boom = 138.1 ft Length of jib = 108.3 ft
 Main boom sequence = 0-0-45-90-90-90 % LK = 54
 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	11.2	56	56	55	55	56	56	55	54(59)	56	56	55	54
		56	56	55	55(127)	56	56	55	55	56	56	55	55(232)
59.1	10.8	59	59	52	52	61	53	56	50(59)	60	51	58	51
		58	50	59	54(128)	53	53	57	57	50	58	54	59(232)
65.6	10.4	61	61	49	49	66	51	58	46(59)	65	47	61	48
		60	45	63	52(128)	50	50	60	60	45	60	52	63(232)
72.2	9.7	63	63	47	47	64	62	48	46(6)	68	43	64	45
		68	43	64	45(90)	48	48	62	62	43	68	45	64(270)
78.7	9.3	65	65	45	45	71	58	50	41(22)	72	39	67	42
		71	38	67	43(94)	46	46	64	64	38	71	43	67(265)
85.3	8.8	67	67	42	42	75	56	51	36(29)	75	35	69	39
		73	33	71	41(101)	43	43	66	66	33	72	42	72(258)
91.9	8.4	69	69	40	40	80	54	52	32(34)	79	32	72	36
		74	29	75	40(105)	41	41	68	68	29	74	41	75(254)
98.4	7.9	71	71	38	38	84	52	54	29(37)	82	28	75	34
		76	24	78	39(108)	39	39	70	70	24	75	40	78(251)
105.0	7.7	73	73	36	36	89	49	55	25(40)	86	24	77	31
		78	20	82	38(110)	37	37	72	72	20	77	39	82(249)
111.5	7.3	75	75	34	34	92	47	56	22(42)	88	21	80	28
		78	16	85	37(112)	35	35	74	74	16	78	38	85(247)
118.1	6.8	77	77	32	32	95	48	55	19(40)	91	18	82	26
		80	13	88	37(113)	33	33	75	75	13	79	37	88(246)
124.7	6.6	78	78	30	30	99	46	56	16(42)	95	15	84	23
		84	9	90	33(110)	31	31	77	77	9	83	34	91(249)
131.2	6.2	80	80	28	28	102	44	57	13(43)	97	12	86	21
		85	6	93	32(111)	29	29	79	79	6	84	33	93(248)
137.8	5.7	81	81	27	27	104	43	57	11(43)	99	10	88	19
		87	3	95	31(111)	28	28	80	80	3	86	32	95(248)
144.4	5.1	82	82	26	26	106	42	58	9(44)	100	8	88	18
		86	1	96	31(112)	27	27	81	81	1	86	32	96(247)
150.9	4.2	81	81	26	26	105	43	57	9(43)	100	8	88	18
		87	2	95	30(111)	27	27	80	80	1	86	31	96(248)
157.5	3.5	81	81	25	25	106	41	58	9(44)	100	7	88	18
		86	0	96	31(112)	26	26	80	80	0	86	31	96(247)

164.0 2.9 81 81 25 25 106 41 58 8(44) 100 7 88 17
 86 0 96 30(112) 26 26 81 81 0 85 31 97(247)

 HA=138.1 HI=108.3 GGW= 75.8 SL= 0.0 MAX(A,B,C,D)= 9.8 8.0 9.0 9.0

Main boom and fixed jib (jib angle 0.0 degrees)
 Length of main boom = 145.0 ft Length of jib = 108.3 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(...)								
	4(...)				5(180)								
	A	B	C	D	A	B	C	D	A	B	C	D	
52.5	10.4	55	55	55	55	56	54	56(59)	55	57	54	55	
		55	57	54	55(127)	56	56	54	54	57	55	54(232)	
59.1	10.1	58	58	52	52	60	54	56	51(59)	59	52	57	52
		57	51	58	54(128)	54	54	57	57	51	57	54	58(232)
65.6	9.7	60	60	50	50	65	51	57	47(59)	63	48	60	48
		59	47	62	52(128)	51	51	59	59	47	59	52	62(232)
72.2	9.3	62	62	47	47	63	62	48	47(2)	67	44	63	45
		67	44	63	45(90)	48	48	61	61	44	67	45	63(270)
78.7	8.8	65	65	45	45	69	59	50	41(20)	71	40	66	42
		71	39	66	43(92)	46	46	63	63	39	70	43	67(267)
85.3	8.4	67	67	43	43	74	56	51	37(28)	75	36	69	39
		72	34	70	41(99)	44	44	65	65	34	72	42	71(260)
91.9	7.7	68	68	41	41	78	54	52	34(32)	77	33	71	37
		74	30	73	41(103)	42	42	67	67	30	73	41	73(256)
98.4	7.3	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)
105.0	6.8	72	72	37	37	86	50	54	27(38)	83	26	75	32
		76	22	80	39(109)	38	38	71	71	22	76	39	80(250)
111.5	6.2	73	73	35	35	88	49	55	25(40)	85	24	77	30
		77	20	82	38(110)	36	36	72	72	20	77	38	82(249)
118.1	5.7	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)
124.7	5.5	76	76	32	32	94	48	55	19(40)	91	18	81	26
		79	13	87	36(113)	33	33	75	75	12	79	37	88(246)
131.2	5.1	77	77	30	30	97	46	55	17(41)	93	16	83	24
		80	10	90	36(114)	31	31	76	76	9	80	36	90(245)
137.8	4.9	79	79	28	28	101	45	56	14(42)	96	13	85	22
		85	7	92	32(110)	29	29	78	78	6	84	33	92(249)
144.4	4.6	81	81	27	27	104	43	57	11(43)	99	9	87	19
		86	3	95	31(111)	28	28	80	80	3	86	32	95(248)
150.9	4.2	82	82	26	26	106	42	58	9(44)	100	7	89	18
		87	1	96	31(112)	26	26	81	81	0	86	31	97(247)
157.5	3.3	81	81	26	26	105	41	58	9(44)	100	8	88	18
		86	1	96	31(112)	26	26	80	80	1	85	32	96(247)
164.0	2.6	81	81	25	25	105	41	58	9(44)	100	7	88	18
		86	0	96	30(112)	26	26	80	80	0	85	31	96(247)

 HA=145.0 HI=108.3 GGW= 75.8 SL= 0.0 MAX(A,B,C,D)= 9.9 8.0 9.0 9.0

Main boom and fixed jib (jib angle 0.0 degrees)

Length of main boom = 152.2 ft Length of jib = 108.3 ft
 Main boom sequence = 0-0-90-90-90-90 % LK = 62
 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							
52.5	10.4	56	56	54	54	56	56	55	54	(59)	56	56	55	54				
		56	56	55	54(127)	56	56	55	55		56	56	54	55(232)				
59.1	10.1	59	59	52	52	62	53	56	50	(59)	61	51	58	51				
		58	50	59	53(128)	53	53	58	58		50	58	53	59(232)				
65.6	9.9	62	62	49	49	67	50	58	45	(59)	65	46	62	47				
		65	46	62	47(90)	50	50	60	60		46	65	47	62(270)				
72.2	9.5	64	64	46	46	67	60	49	44	(13)	69	42	65	44				
		69	42	65	44(90)	47	47	63	63		42	69	44	65(270)				
78.7	9.0	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)				
85.3	8.6	68	68	41	41	77	55	52	35	(31)	77	34	71	38				
		73	31	73	41(103)	42	42	67	67		31	73	41	73(256)				
91.9	8.2	70	70	39	39	82	52	53	31	(36)	80	30	73	35				
		75	27	77	40(106)	40	40	69	69		27	75	40	77(253)				
98.4	7.9	73	73	37	37	87	50	54	26	(39)	84	26	76	32				
		77	22	81	39(109)	38	38	71	71		22	77	39	81(250)				
105.0	7.5	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)				
111.5	7.3	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)				
118.1	6.8	78	78	30	30	99	46	56	16	(42)	94	15	84	24				
		81	9	91	36(114)	31	31	77	77		9	80	36	91(245)				
124.7	6.6	80	80	28	28	103	44	57	13	(43)	98	12	86	21				
		86	5	93	32(111)	29	29	79	79		5	85	33	94(248)				
131.2	6.0	81	81	27	27	104	43	57	11	(43)	99	10	88	19				
		87	3	95	31(111)	28	28	80	80		3	86	32	95(248)				
137.8	5.1	81	81	26	26	105	43	57	10	(43)	100	9	88	19				
		87	2	95	31(111)	27	27	80	80		2	86	32	95(248)				
144.4	4.2	81	81	26	26	105	43	57	10	(43)	100	8	88	19				
		87	2	95	30(111)	27	27	80	80		2	86	31	96(248)				
150.9	3.5	81	81	25	25	106	41	58	9	(44)	100	7	88	18				
		86	0	96	31(112)	26	26	81	81		0	86	31	96(247)				
157.5	2.6	81	81	25	25	105	41	58	9	(44)	99	7	88	18				
		86	1	96	31(112)	26	26	80	80		0	85	31	96(247)				

HA=152.2 HI=108.3 GGW= 75.8 SL= 0.0 MAX(A,B,C,D)= 9.9 8.0 9.0 9.0

Main boom and fixed jib (jib angle 0.0 degrees)
 Length of main boom = 161.4 ft Length of jib = 108.3 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)					
		4(...)				5(180)				6(...)					
A	B	C	D	A	B	C	D	A	B	C	D				

59.1	8.8	57	57	52	52	59	54	55	51(59)	58	52	56	52
		57	52	57	54(128)	54	54	56	56	52	57	54	57(232)
65.6	8.8	60	60	49	49	65	51	57	47(59)	63	47	60	48
		59	46	62	52(128)	50	50	59	59	46	59	52	62(232)
72.2	8.6	63	63	47	47	64	61	48	46(6)	68	43	64	45
		68	43	64	45(90)	48	48	62	62	43	68	45	64(270)
78.7	8.4	65	65	44	44	71	58	50	40(23)	72	38	67	41
		71	37	68	42(95)	45	45	64	64	37	71	42	68(264)
85.3	8.2	68	68	41	41	77	55	52	35(31)	76	34	70	38
		73	32	72	41(102)	43	43	67	67	32	73	41	73(257)
91.9	7.7	70	70	39	39	81	53	53	31(35)	80	30	73	35
		75	27	76	40(106)	40	40	69	69	27	74	40	76(253)
98.4	7.3	72	72	37	37	85	51	54	28(38)	83	27	75	32
		76	23	80	39(109)	38	38	71	71	23	75	39	80(250)
105.0	6.8	73	73	35	35	89	49	55	24(40)	86	24	78	30
		77	19	83	38(111)	36	36	72	72	19	77	39	83(248)
111.5	6.4	75	75	33	33	93	47	56	21(42)	89	20	80	28
		79	15	86	37(112)	34	34	74	74	15	78	38	86(247)
118.1	6.0	77	77	32	32	95	47	56	18(41)	91	17	82	25
		80	12	88	36(113)	32	32	76	76	12	79	37	88(246)
124.7	5.5	78	78	30	30	99	45	56	16(42)	94	15	84	23
		84	9	90	33(110)	31	31	77	77	9	83	34	90(249)
131.2	5.3	80	80	28	28	103	44	57	12(43)	97	11	86	21
		85	5	93	32(111)	29	29	79	79	5	85	33	93(248)
137.8	4.6	81	81	27	27	104	43	57	11(43)	99	9	87	19
		86	3	94	31(111)	28	28	80	80	3	86	32	95(248)
144.4	3.7	80	80	26	26	104	43	57	10(43)	99	9	87	19
		86	3	94	31(111)	27	27	80	80	2	85	32	95(248)
150.9	3.1	81	81	26	26	104	42	57	9(43)	99	8	88	18
		86	1	95	30(111)	26	26	80	80	1	86	31	95(248)
157.5	2.4	81	81	25	25	105	41	58	9(44)	100	7	88	18
		86	0	96	30(112)	26	26	80	80	0	85	31	96(247)

 HA=161.4 HI=108.3 GGW= 75.8 SL= 0.0 MAX(A,B,C,D)= 9.8 8.0 8.9 8.9

Main boom and fixed jib (jib angle 0.0 degrees)
 Length of main boom = 166.0 ft Length of jib = 108.3 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)		6(...)						
	A	B	C	D	A	B	C	D	A	B	C	D	
59.1	9.5	59	59	51	51	62	52	56	49(59)	61	50	59	50
		58	49	60	53(128)	52	52	58	58	49	58	53	60(232)
65.6	9.5	62	62	48	48	68	49	58	44(59)	67	45	63	46
		67	45	63	46(90)	49	49	61	61	45	67	46	63(270)
72.2	9.3	65	65	45	45	70	59	50	41(20)	71	40	66	42
		71	39	67	43(92)	46	46	64	64	39	71	43	67(267)
78.7	8.8	67	67	42	42	75	56	51	37(29)	75	35	69	39
		73	34	71	41(100)	43	43	66	66	34	73	42	71(259)
85.3	8.4	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	75(254)

91.9	8.2	72	72	37	37	86	51	54	28(38)	83	27	76	33
		76	23	80	39(109)	38	38	71	71	23	76	40	80(250)
98.4	7.7	74	74	35	35	90	49	56	24(41)	87	23	78	30
		78	19	83	38(111)	36	36	73	73	18	77	39	84(248)
105.0	7.5	76	76	32	32	95	46	57	20(43)	91	19	81	26
		80	13	88	37(113)	34	34	75	75	13	79	37	88(246)
111.5	7.3	79	79	30	30	99	46	57	16(42)	95	15	84	23
		84	9	91	33(110)	31	31	78	78	9	84	34	91(249)
118.1	6.6	80	80	28	28	102	44	57	13(43)	97	12	86	21
		85	6	93	33(111)	30	30	79	79	6	84	33	93(248)
124.7	5.5	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)
131.2	4.6	80	80	27	27	103	43	57	11(43)	98	10	87	20
		86	4	94	32(111)	28	28	79	79	4	85	32	94(248)
137.8	3.7	80	80	27	27	103	43	57	11(43)	98	10	87	19
		86	3	94	31(111)	28	28	79	79	3	85	32	94(248)
144.4	2.9	80	80	26	26	103	43	57	11(43)	98	9	87	19
		86	3	94	31(111)	27	27	79	79	2	85	32	94(248)

 HA=166.0 HI=108.3 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 = 175.5 ft Length of jib = 108.3 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)		6(...)						
	A	B	C	D	A	B	C	D	A	B	C	D	
59.1	8.2	57	57	52	52	60	53	55	50(59)	59	51	57	51
		57	51	58	53(128)	53	53	56	56	51	57	53	58(232)
65.6	8.2	60	60	49	49	65	50	57	46(59)	64	46	61	47
		59	45	63	52(128)	50	50	59	59	45	59	52	63(232)
72.2	8.2	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)
78.7	7.9	66	66	43	43	73	57	50	38(26)	73	37	68	40
		72	35	69	42(98)	44	44	65	65	35	71	42	69(261)
85.3	7.7	69	69	41	41	79	54	52	33(33)	78	32	71	37
		74	30	74	41(104)	41	41	67	67	30	73	41	74(255)
91.9	7.5	71	71	38	38	84	52	54	29(37)	82	28	75	33
		76	24	78	39(108)	39	39	70	70	24	75	40	78(251)
98.4	7.3	73	73	35	35	89	49	55	24(40)	86	24	78	30
		77	19	83	38(111)	36	36	72	72	19	77	39	83(248)
105.0	6.8	75	75	33	33	93	47	56	21(42)	89	20	80	28
		79	15	86	37(112)	34	34	74	74	15	78	37	86(247)
111.5	6.6	78	78	31	31	97	47	56	17(41)	93	16	83	24
		80	10	90	36(114)	32	32	77	77	10	80	37	90(245)
118.1	6.2	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)
124.7	5.1	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)
131.2	4.2	79	79	28	28	102	43	57	12(43)	97	11	86	21
		85	5	93	32(111)	28	28	79	79	5	84	32	93(248)

137.8 3.3 80 80 27 27 102 43 57 12(43) 97 10 86 20
 85 4 93 32(111) 28 28 79 79 4 84 32 93(248)
 144.4 2.4 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)

 HA=175.5 HI=108.3 GGW= 75.8 SL= 0.0 MAX(A,B,C,D)= 9.5 7.8 8.6 8.7

Main boom and fixed jib (jib angle 0.0 degrees)
 Length of main boom = 180.1 ft Length of jib = 108.3 ft
 Main boom sequence = 0-90-90-90-90-90 % LK = 73
 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		A	B	C	D							
65.6	8.6	62	62	47	47	68	49	58	43(59)	67	44	63	46	67	44	63	46	49	49	61	61	44	67	46	63(270)
72.2	8.6	65	65	44	44	71	58	50	40(22)	72	39	67	42	71	38	67	42(94)	45	45	64	64	38	71	43	67(265)
78.7	8.4	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	8.2	71	71	39	39	83	52	53	30(36)	81	29	74	34	75	26	77	40(107)	40	40	69	69	26	75	40	78(252)
91.9	7.7	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	81(249)
98.4	7.5	75	75	34	34	93	47	56	21(42)	89	21	80	28	79	16	86	37(112)	35	35	74	74	16	78	38	86(247)
105.0	7.3	78	78	31	31	97	47	56	17(41)	93	17	83	25	81	11	90	36(114)	32	32	77	77	10	80	37	90(245)
111.5	6.6	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)
118.1	5.3	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)
124.7	4.2	79	79	28	28	100	45	56	14(42)	95	13	85	22	84	7	91	32(110)	29	29	78	78	6	84	33	91(249)
131.2	3.3	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)
137.8	2.4	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)

 HA=180.1 HI=108.3 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 = 191.9 ft Length of jib = 108.3 ft
 Main boom sequence = 0-100-100-100-100-100 % LK = 74
 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		A	B	C	D							
65.6	6.8	60	60	49	49	65	50	57	46(59)	63	46	60	47	58	45	62	52(128)	50	50	59	59	45	58	52	62(232)

72.2	6.8	63	63	46	46	65	60	48	44(11)	68	41	64	44
		68	41	64	44(90)	47	47	62	62	41	68	44	64(270)
78.7	6.8	66	66	43	43	73	56	50	38(26)	73	37	68	40
		71	35	69	41(98)	44	44	65	65	35	71	42	69(261)
85.3	6.8	69	69	40	40	79	54	52	33(33)	78	32	71	36
		74	29	75	40(105)	41	41	68	68	29	73	41	75(254)
91.9	6.8	71	71	37	37	85	51	54	27(38)	83	27	75	32
		76	23	80	39(109)	38	38	71	71	23	75	39	80(250)
98.4	6.8	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)
105.0	6.8	77	77	31	31	97	47	56	18(41)	93	17	83	25
		80	11	90	37(114)	32	32	76	76	11	80	37	90(245)
111.5	5.7	78	78	30	30	98	46	56	16(41)	94	15	83	24
		81	9	90	36(114)	31	31	77	77	9	80	36	90(245)
118.1	4.6	78	78	30	30	99	45	56	15(42)	94	14	84	23
		84	9	90	33(110)	30	30	77	77	8	83	34	90(249)
124.7	3.5	78	78	29	29	99	45	56	15(42)	94	14	84	22
		83	8	90	32(110)	30	30	77	77	8	83	33	90(249)
131.2	2.6	78	78	28	28	99	44	56	14(42)	95	13	84	22
		84	7	91	32(110)	29	29	77	77	7	83	32	91(249)

 HA=191.9 HI=108.3 GGW= 75.8 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 = 193.9 ft Length of jib = 108.3 ft
 Main boom sequence = 45-90-90-90-90 % 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	
65.6	7.5	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)
72.2	7.5	65	65	44	44	71	58	50	40(23)	72	38	67	41
		71	37	68	42(95)	45	45	64	64	37	71	42	68(264)
78.7	7.5	68	68	41	41	78	54	52	34(32)	77	33	71	37
		73	30	73	41(103)	42	42	67	67	30	73	41	73(256)
85.3	7.5	71	71	38	38	84	52	54	28(37)	82	28	75	33
		76	24	79	39(108)	39	39	70	70	24	75	39	79(251)
91.9	7.3	74	74	35	35	90	48	56	24(41)	87	23	78	30
		78	18	83	38(111)	36	36	73	73	18	77	38	84(248)
98.4	7.3	77	77	32	32	96	47	56	19(41)	92	18	82	26
		80	12	89	37(113)	33	33	76	76	12	80	37	89(246)
105.0	6.2	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)
111.5	4.9	78	78	30	30	98	46	55	16(41)	93	15	83	23
		84	9	89	33(109)	31	31	77	77	9	83	33	90(250)
118.1	3.7	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)
124.7	2.6	78	78	29	29	98	45	56	15(42)	94	13	84	22
		83	7	90	32(110)	30	30	77	77	7	83	33	90(249)

 HA=193.9 HI=108.3 GGW= 75.8 SL= 0.0 MAX(A,B,C,D)= 9.1 7.7 8.4 8.4

 Main boom and fixed jib (jib angle 0.0 degrees)
 Length of main boom = 205.7 ft Length of jib = 108.3 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	6.0	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)
78.7	6.0	66	66	42	42	73	56	50	37	(27)	74	35	68	39		
		72	34	70	41	(99)	43	43	65	65		34	71	41	70	(260)
85.3	6.0	69	69	39	39	80	53	52	32	(34)	78	30	72	35		
		74	28	75	40	(105)	40	40	68	68		28	74	40	75	(254)
91.9	6.0	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)
98.4	6.0	75	75	34	34	92	47	56	21	(42)	88	21	80	28		
		78	15	85	37	(112)	34	34	74	74		15	78	38	85	(247)
105.0	5.5	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)
111.5	4.2	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)
118.1	3.1	77	77	30	30	96	46	55	16	(41)	92	15	82	24		
		80	9	89	35	(114)	31	31	76	76		9	79	36	89	(245)

 HA=205.7 HI=108.3 GGW= 75.8 SL= 0.0 MAX(A,B,C,D)= 9.0 7.3 8.3 8.3

Main boom and fixed jib (jib angle 0.0 degrees)
 Length of main boom = 208.0 ft Length of jib = 108.3 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)						
		4(...)				5(180)				6(...)						
A	B	C	D	A	B	C	D	A	B	C	D					
72.2	6.4	65	65	44	44	71	57	49	39	(23)	72	38	67	41		
		71	37	67	42	(95)	45	45	64	64		37	71	42	68	(264)
78.7	6.4	68	68	41	41	78	54	52	34	(32)	77	32	71	37		
		73	30	73	40	(103)	41	41	67	67		30	73	41	73	(256)
85.3	6.4	71	71	37	37	84	51	54	28	(38)	82	27	75	33		
		76	24	79	39	(108)	38	38	70	70		23	75	39	79	(251)
91.9	6.4	74	74	34	34	91	48	55	23	(41)	87	22	79	29		
		78	17	84	37	(111)	35	35	73	73		17	78	38	84	(248)
98.4	6.0	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)
105.0	4.6	77	77	31	31	96	46	55	18	(41)	92	17	82	25		
		79	11	88	36	(114)	32	32	76	76		11	79	37	89	(245)
111.5	3.3	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)

 HA=208.0 HI=108.3 GGW= 75.8 SL= 0.0 MAX(A,B,C,D)= 8.9 7.4 8.2 8.2

 Main boom and fixed jib (jib angle 0.0 degrees)
 Length of main boom = 219.8 ft Length of jib = 108.3 ft
 Main boom sequence = 90-100-100-100-100-100 % LK = 80
 Counterweight = 75.8 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				
72.2	4.9	63	63	45	45	66	59	48	43	(14)	68	40	64	43	
		68	40	64	43	(90)	46	46	62	62	40	68	43	64	(270)
78.7	4.9	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	70	(260)
85.3	4.9	69	69	39	39	80	53	52	31	(34)	78	30	72	35	
		74	27	75	39	(105)	40	40	68	68	27	73	40	75	(254)
91.9	4.9	71	71	36	36	86	49	54	26	(39)	83	25	75	31	
		76	21	80	38	(109)	37	37	71	71	21	76	39	80	(250)
98.4	4.9	75	75	33	33	92	47	56	21	(42)	88	20	79	28	
		78	15	85	37	(112)	34	34	74	74	15	78	37	85	(247)
105.0	4.0	75	75	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)
111.5	2.6	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)

 HA=219.8 HI=108.3 GGW= 75.8 SL= 0.0 MAX(A,B,C,D)= 8.7 7.3 8.1 8.1

Programm L A M O S 9 9 Version 1.08 vom 29.09.02
 14.10.2003, 15:49:13
 Eingabedatei: ilam.dat
 Festdatei : /berechnung/tabellen/zentraledaten/lamosfd-ac/200-1.99dat
 Tabellendat.: /berechnung/tabellen/ac/ac200-1/serie_3/pc_tab/22137912_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 KS

 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 = 108.3 ft
 Main boom sequence = 0-0-0-0-0-0 % LK = 1
 Counterweight = 75.8 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	
45.9	13.0	49	49	63	63	41	63	50	67(59)	43	69	45	65
	51	71	43	58(128)	64	64	47	47	71	51	58	43(232)	
52.5	11.9	50	50	61	61	45	62	51	64(59)	46	66	47	62
	52	67	45	57(128)	62	62	49	49	67	52	57	45(232)	
59.1	10.8	52	52	59	59	48	60	52	61(59)	49	63	49	60
	53	64	48	56(128)	60	60	50	50	64	53	56	48(232)	
65.6	9.9	53	53	57	57	51	58	53	58(59)	51	60	51	58
	54	60	50	55(128)	58	58	52	52	60	54	55	50(232)	
72.2	9.0	54	54	55	55	53	56	54	56(59)	54	57	53	55
	54	57	52	55(127)	56	56	53	53	57	54	54	52(232)	
78.7	8.4	56	56	53	53	56	54	54	53(59)	56	54	55	53
	56	54	55	54(127)	54	54	55	55	54	56	54	55(232)	
85.3	7.7	57	57	52	52	59	53	55	51(59)	58	51	56	51
	56	51	57	53(128)	53	53	56	56	51	56	53	57(232)	
91.9	7.3	58	58	50	50	62	51	56	48(59)	61	49	58	49
	57	48	60	52(128)	51	51	58	58	48	57	52	60(232)	
98.4	6.6	59	59	49	49	64	50	56	46(59)	63	47	60	47
	58	45	62	52(128)	50	50	58	58	45	58	52	62(232)	
105.0	6.2	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)	
111.5	5.7	62	62	46	46	64	60	47	45(8)	67	41	63	44
	67	41	63	44(90)	47	47	61	61	41	67	44	63(270)	
118.1	5.5	63	63	44	44	68	58	49	41(20)	70	39	65	41
	70	38	66	42(92)	45	45	63	63	38	69	42	66(267)	
124.7	5.1	65	65	43	43	71	56	49	38(25)	72	36	67	40
	70	35	68	41(97)	43	43	64	64	35	70	41	68(262)	
131.2	4.9	66	66	41	41	75	54	50	35(30)	75	34	69	37
	72	32	71	40(101)	42	42	65	65	31	72	40	71(258)	

HA= 40.7 HI=108.3 GGW= 75.8 SL= 0.0 MAX(A,B,C,D)= 7.0 6.7 6.6 6.6

Main boom and fixed jib (jib angle 20.0 degrees)

Length of main boom = 54.5 ft Length of jib = 108.3 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(180)						
	4(...)				5(180)				6(...)				
	A	B	C	D	A	B	C	D	A	B	C	D	
45.9	13.0	49	49	63	63	41	63	51	67(59)	44	69	45	65
	51	71	43	58(128)	64	64	47	47	71	51	58	43(232)	
52.5	11.9	50	50	60	60	45	61	52	64(59)	47	66	48	62
	52	67	46	57(128)	62	62	49	49	67	52	57	46(232)	
59.1	11.0	52	52	58	58	49	59	52	61(59)	50	62	50	60
	53	63	49	56(128)	60	60	51	51	63	53	56	49(232)	
65.6	10.1	54	54	56	56	52	58	53	58(59)	52	59	52	57
	54	60	51	55(128)	58	58	52	52	60	54	55	51(232)	
72.2	9.5	55	55	54	54	55	56	54	55(59)	55	56	54	55
	55	56	54	54(127)	56	56	54	54	56	55	54	54(232)	
78.7	8.6	56	56	53	53	57	54	55	52(59)	57	53	56	53
	56	53	56	54(127)	54	54	55	55	53	56	54	56(232)	

85.3	8.2	58	58	51	51	61	52	56	49(59)	60	50	58	50
		57	49	59	53(128)	52	52	57	57	49	57	53	59(232)
91.9	7.5	59	59	50	50	63	51	56	47(59)	62	48	59	49
		58	47	61	52(128)	50	50	58	58	47	58	52	61(232)
98.4	7.1	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)
105.0	6.6	62	62	46	46	63	61	47	46(5)	67	42	63	44
		67	42	63	44(90)	47	47	61	61	42	67	44	63(270)
111.5	6.2	63	63	45	45	67	59	48	42(16)	69	40	65	42
		69	40	65	42(90)	46	46	62	62	40	69	42	65(270)
118.1	6.0	65	65	43	43	71	56	50	38(25)	72	37	67	40
		71	36	68	41(96)	44	44	64	64	36	71	41	68(263)
124.7	5.5	66	66	42	42	74	55	50	36(29)	74	35	68	38
		72	33	70	41(100)	43	43	65	65	33	71	41	70(259)
131.2	5.3	67	67	40	40	78	53	51	33(33)	77	32	70	36
		73	29	73	40(104)	41	41	67	67	29	72	40	73(255)
137.8	4.9	69	69	39	39	80	52	52	31(35)	78	30	72	35
		73	27	75	39(106)	40	40	68	68	27	73	40	75(253)
144.4	4.6	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)

HA= 54.5 HI=108.3 GGW= 75.8 SL= 0.0 MAX(A,B,C,D)= 7.7 6.9 7.2 7.2

Main boom and fixed jib (jib angle 20.0 degrees)

Length of main boom = 68.6 ft Length of jib = 108.3 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)		6(...)						
	A	B	C	D	A	B	C	D	A	B	C	D	
52.5	11.9	50	50	60	60	45	61	52	64(59)	47	65	48	62
		52	67	46	57(128)	62	62	49	49	67	52	57	46(232)
59.1	11.0	52	52	58	58	49	59	52	60(59)	50	62	50	59
		53	63	49	56(128)	60	60	51	51	63	53	56	49(232)
65.6	10.1	54	54	56	56	52	57	53	58(59)	52	59	52	57
		54	59	51	55(128)	58	58	52	52	59	54	55	51(232)
72.2	9.5	55	55	54	54	55	56	54	54(59)	55	56	54	54
		55	56	54	54(127)	56	56	54	54	56	55	54	54(232)
78.7	8.6	56	56	53	53	58	54	55	52(59)	57	53	56	52
		56	53	56	54(127)	54	54	55	55	53	56	54	56(232)
85.3	7.9	58	58	51	51	60	52	56	50(59)	60	50	58	50
		57	50	58	53(128)	52	52	57	57	50	57	53	58(232)
91.9	7.3	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)
98.4	6.8	60	60	48	48	66	49	57	45(59)	64	45	61	47
		64	45	61	47(90)	49	49	59	59	45	64	47	61(270)
105.0	6.2	61	61	47	47	67	48	58	43(59)	66	43	62	45
		66	43	62	45(90)	48	48	60	60	43	66	45	62(270)
111.5	5.5	62	62	46	46	63	60	47	45(8)	67	41	63	44
		67	41	63	44(90)	47	47	61	61	41	67	44	63(270)
118.1	5.1	63	63	45	45	67	58	48	42(17)	69	39	65	42
		69	39	65	42(90)	45	45	62	62	39	69	42	65(269)

124.7	4.9	64	64	43	43	71	56	49	38(24)	71	37	67	40
		70	36	67	41(96)	44	44	64	64	35	70	41	68(263)
131.2	4.4	65	65	42	42	73	55	50	36(28)	73	35	68	39
		71	33	69	41(99)	43	43	65	65	33	71	41	69(260)
137.8	4.0	66	66	41	41	75	54	50	34(30)	75	33	69	37
		72	31	71	40(102)	41	41	65	65	31	71	40	71(257)
144.4	3.7	67	67	39	39	78	53	51	32(33)	77	31	71	35
		73	28	73	39(104)	40	40	67	67	28	73	39	74(255)
150.9	3.5	69	69	38	38	81	51	52	29(36)	79	28	72	34
		74	25	76	39(107)	39	39	68	68	25	73	39	76(252)
157.5	3.3	70	70	36	36	84	49	53	27(38)	81	26	74	32
		75	22	78	38(108)	37	37	69	69	22	75	38	78(251)

HA= 68.6 HI=108.3 GGW= 75.8 SL= 0.0 MAX(A,B,C,D)= 7.8 6.9 7.3 7.3

Main boom and fixed jib (jib angle 20.0 degrees)

Length of main boom = 82.3 ft Length of jib = 108.3 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)		6(...)					
		A	B	C	D	A	B	C	D	A	B	C	D
52.5	11.7	51	51	60	60	45	61	52	63(59)	47	65	48	62
		52	67	46	57(128)	62	62	49	49	67	52	57	46(232)
59.1	10.8	52	52	58	58	49	59	52	60(59)	50	62	50	59
		53	63	49	56(128)	59	59	51	51	63	53	56	49(232)
65.6	10.1	54	54	56	56	53	57	54	57(59)	53	58	52	56
		55	58	52	55(128)	57	57	53	53	58	55	55	52(232)
72.2	9.5	56	56	54	54	56	55	54	54(59)	56	55	55	54
		56	55	55	54(127)	55	55	55	55	55	56	54	55(232)
78.7	8.8	57	57	52	52	59	53	55	51(59)	59	52	57	51
		57	51	58	53(128)	53	53	56	56	51	57	53	58(232)
85.3	8.2	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)
91.9	7.7	60	60	49	49	65	50	57	45(59)	64	46	61	47
		64	46	61	47(90)	49	49	59	59	46	64	47	61(270)
98.4	7.1	62	62	47	47	68	49	58	43(59)	66	43	62	45
		66	43	62	45(90)	48	48	60	60	43	66	45	62(270)
105.0	6.6	63	63	45	45	66	60	48	43(13)	68	41	64	43
		68	41	64	43(90)	46	46	62	62	41	68	43	64(270)
111.5	6.2	64	64	44	44	69	58	49	40(21)	71	38	66	41
		70	37	67	42(94)	45	45	63	63	37	70	42	67(265)
118.1	5.5	65	65	43	43	71	56	50	38(25)	72	37	67	40
		71	35	68	41(97)	44	44	64	64	35	70	41	68(262)
124.7	5.1	66	66	42	42	74	55	50	36(29)	74	34	68	38
		71	33	70	41(100)	42	42	65	65	33	71	41	70(259)
131.2	4.9	67	67	40	40	78	53	51	33(33)	77	32	70	36
		73	29	73	40(104)	41	41	67	67	29	72	40	73(255)
137.8	4.4	68	68	39	39	80	52	52	31(35)	78	30	72	35
		74	27	75	39(105)	39	39	67	67	27	73	39	75(254)
144.4	4.2	70	70	37	37	83	50	53	28(37)	81	27	73	33
		74	24	77	39(108)	38	38	69	69	23	74	39	78(251)

150.9	4.0	71	71	36	36	86	49	54	26(39)	83	25	75	31
		76	21	80	38(109)	36	36	70	70	21	75	38	80(250)
157.5	3.5	72	72	35	35	87	48	54	24(40)	84	23	76	30
		76	19	81	37(110)	35	35	71	71	19	76	38	81(249)
164.0	3.3	73	73	33	33	90	47	55	22(41)	86	21	78	28
		77	16	83	37(111)	34	34	72	72	16	77	37	83(248)

 HA= 82.3 HI=108.3 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 20.0 degrees)

Length of main boom = 96.5 ft Length of jib = 108.3 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(...)					
		4(...)		5(180)		6(...)							
		A	B	C	D	A	B	C	D				
59.1	10.6	52	52	58	58	49	59	53	60(59)	50	62	50	59
		53	62	49	56(128)	59	59	51	51	62	53	56	49(232)
65.6	9.9	54	54	56	56	53	57	54	56(59)	53	58	53	56
		55	58	52	55(127)	57	57	53	53	58	55	55	52(232)
72.2	9.5	56	56	53	53	57	55	55	53(59)	57	54	55	53
		56	54	56	54(127)	55	55	55	55	54	56	54	56(232)
78.7	8.8	58	58	52	52	60	53	56	50(59)	60	51	58	51
		57	50	58	53(128)	53	53	57	57	50	57	53	58(232)
85.3	8.4	60	60	50	50	64	51	57	47(59)	63	47	60	48
		58	46	62	52(128)	50	50	59	59	46	58	52	62(232)
91.9	7.7	61	61	48	48	67	49	57	44(59)	65	45	62	46
		65	45	62	46(90)	49	49	60	60	45	65	46	62(270)
98.4	7.3	63	63	46	46	64	60	48	45(9)	68	42	64	44
		68	42	64	44(90)	47	47	62	62	42	68	44	64(270)
105.0	6.8	64	64	44	44	69	58	49	41(20)	70	39	66	42
		70	39	66	42(92)	45	45	63	63	39	70	42	66(267)
111.5	6.4	65	65	43	43	72	56	50	38(26)	73	36	67	40
		71	35	69	41(98)	44	44	64	64	35	71	42	69(261)
118.1	6.0	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)
124.7	5.5	68	68	40	40	78	53	52	33(33)	77	32	71	36
		73	29	73	40(104)	41	41	67	67	29	73	40	74(255)
131.2	5.1	69	69	39	39	80	52	52	30(35)	79	29	72	34
		74	26	75	39(106)	39	39	68	68	26	73	40	76(253)
137.8	4.9	71	71	37	37	84	50	53	28(38)	82	27	74	32
		75	23	78	38(108)	38	38	70	70	23	75	39	78(251)
144.4	4.6	72	72	35	35	87	48	54	25(40)	84	24	76	30
		76	20	81	38(110)	36	36	71	71	19	76	38	81(249)
150.9	4.2	73	73	34	34	89	47	55	23(41)	86	22	77	29
		77	17	82	37(111)	35	35	72	72	17	76	38	83(248)
157.5	4.0	74	74	33	33	92	46	55	21(42)	88	20	79	27
		78	15	85	37(112)	34	34	73	73	14	77	37	85(247)
164.0	3.7	76	75	31	31	94	47	54	19(40)	90	17	81	25
		79	11	87	36(113)	32	32	75	75	11	78	36	87(246)
177.2	3.3	78	78	28	28	99	44	56	14(42)	95	13	84	22
		84	7	91	32(110)	29	29	77	77	6	83	32	91(249)

 HA= 96.5 HI=108.3 GGW= 75.8 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 = 110.2 ft Length of jib = 108.3 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(...)											
	4(...)				5(180)											
	A	B	C	D	A	B	C	D	A	B	C	D				
65.6	9.9	55	55	55	55	54	56	54	56	(59)	54	57	54	55		
		55	57	53	55	(127)	56	56	54	54		57	55	55	53	(232)
72.2	9.5	57	57	53	53	59	54	55	52	(59)	58	53	56	52		
		57	52	57	54	(128)	54	54	56	56		52	57	54	57	(232)
78.7	8.8	59	59	51	51	62	52	56	49	(59)	61	50	59	50		
		58	49	60	53	(128)	52	52	58	58		49	58	53	60	(232)
85.3	8.4	61	61	49	49	66	50	57	45	(59)	64	46	61	47		
		64	46	61	47	(90)	50	50	60	60		46	64	47	61	(270)
91.9	7.9	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)
98.4	7.5	64	64	45	45	69	58	49	41	(19)	70	39	66	42		
		70	39	66	42	(91)	46	46	63	63		39	70	43	66	(268)
105.0	7.1	66	66	43	43	73	56	50	38	(26)	73	37	68	40		
		71	35	69	41	(98)	44	44	65	65		35	71	42	69	(261)
111.5	6.6	67	67	41	41	76	54	51	35	(31)	76	34	70	38		
		73	32	72	41	(102)	42	42	66	66		31	72	41	72	(257)
118.1	6.2	69	69	40	40	79	53	52	32	(34)	78	31	71	36		
		74	28	75	40	(105)	41	41	67	67		28	73	40	75	(254)
124.7	6.0	70	70	38	38	83	51	53	29	(37)	81	28	74	33		
		75	24	78	39	(108)	39	39	69	69		24	75	39	78	(251)
131.2	5.5	71	71	36	36	86	49	54	26	(39)	83	25	75	32		
		76	21	80	38	(109)	37	37	71	71		21	76	39	80	(250)
137.8	5.1	73	73	35	35	88	48	54	24	(40)	85	23	77	30		
		77	19	82	37	(110)	36	36	72	72		19	77	38	82	(249)
144.4	4.9	74	74	33	33	92	47	56	21	(42)	88	20	79	28		
		78	15	85	37	(112)	34	34	73	73		15	77	37	85	(247)
150.9	4.4	75	75	32	32	94	45	56	19	(43)	90	19	80	26		
		78	13	86	37	(113)	33	33	74	74		13	78	37	86	(246)
157.5	4.2	77	77	30	30	96	46	55	17	(41)	92	16	82	24		
		80	10	89	36	(114)	31	31	76	76		10	79	36	89	(245)
164.0	4.0	78	78	29	29	99	45	56	14	(42)	95	13	84	22		
		84	7	90	32	(110)	30	30	77	77		7	83	33	91	(249)
177.2	3.5	81	81	26	26	104	43	57	9	(43)	99	8	88	18		
		86	2	95	30	(111)	27	27	80	80		1	86	31	95	(248)
190.3	2.4	81	81	25	25	105	41	57	8	(44)	100	7	88	17		
		86	0	96	30	(112)	26	26	80	80		0	85	31	96	(247)

 HA=110.2 HI=108.3 GGW= 75.8 SL= 0.0 MAX(A,B,C,D)= 9.8 8.0 8.9 8.9

Main boom and fixed jib (jib angle 20.0 degrees)
 Length of main boom = 124.3 ft Length of jib = 108.3 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				
65.6	9.7	55	55	55	55	55	56	54	55	(59)	55	56	54	55		
		55	56	54	54	(127)	56	56	54	54		56	55	54	54	(232)
72.2	9.3	57	57	52	52		59	54	55	51	(59)	59	52	57	52	
		57	52	58	54	(128)	54	54	56	56		52	57	54	58	(232)
78.7	8.8	59	59	50	50		63	51	57	48	(59)	62	48	60	49	
		58	47	61	52	(128)	51	51	58	58		47	58	52	61	(232)
85.3	8.2	61	61	48	48		67	50	58	45	(59)	65	45	62	47	
		65	45	62	47	(90)	49	49	60	60		45	65	47	62	(270)
91.9	7.9	63	63	46	46		66	60	48	44	(13)	69	41	65	43	
		69	41	65	43	(90)	47	47	62	62		41	69	43	65	(270)
98.4	7.5	65	65	44	44		71	58	50	39	(23)	72	38	67	41	
		71	37	68	42	(95)	45	45	64	64		37	71	42	68	(264)
105.0	7.1	67	67	42	42		75	56	51	36	(29)	75	35	69	39	
		72	33	71	41	(100)	43	43	66	66		33	72	41	71	(259)
111.5	6.6	68	68	40	40		78	54	52	33	(33)	77	32	71	36	
		73	29	74	40	(104)	41	41	67	67		29	73	41	74	(255)
118.1	6.4	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	77	(252)
124.7	6.0	71	71	37	37		86	50	54	26	(39)	83	26	75	32	
		76	22	80	38	(109)	37	37	71	71		22	76	39	80	(250)
131.2	5.7	73	73	35	35		90	48	55	23	(41)	86	22	78	29	
		77	18	83	38	(111)	35	35	73	73		18	77	38	83	(248)
137.8	5.3	75	75	33	33		92	47	56	21	(42)	88	20	79	27	
		78	15	85	37	(112)	34	34	74	74		15	78	37	85	(247)
144.4	5.1	76	76	31	31		95	47	55	18	(41)	91	17	82	25	
		80	11	88	36	(113)	32	32	75	75		11	79	37	88	(246)
150.9	4.6	77	77	30	30		97	46	55	16	(41)	93	15	83	24	
		80	9	90	35	(114)	31	31	77	77		9	80	36	90	(245)
157.5	4.4	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)
164.0	4.2	80	80	27	27		104	43	57	11	(43)	98	9	87	19	
		86	3	94	31	(111)	28	28	80	80		3	85	32	94	(248)
177.2	3.1	81	81	26	26		105	41	58	9	(44)	100	7	88	18	
		86	1	96	31	(112)	26	26	80	80		0	85	31	96	(247)

HA=124.3 HI=108.3 GGW= 75.8 SL= 0.0 MAX(A,B,C,D)= 9.8 7.9 8.9 8.9

Main boom and fixed jib (jib angle 20.0 degrees)

Length of main boom = 138.1 ft Length of jib = 108.3 ft

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

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				
72.2	9.0	58	58	52	52		60	53	56	50	(59)	60	51	58	51	
		57	50	58	53	(128)	53	53	57	57		50	57	53	58	(232)

78.7	8.6	60	60	49	49	65	51	57	46(59)	63	47	60	48
		59	46	62	52(128)	50	50	59	59	46	59	52	62(232)
85.3	8.2	62	62	47	47	62	62	47	47(1)	67	43	63	45
		67	43	63	45(90)	48	48	61	61	43	67	45	63(270)
91.9	7.7	64	64	45	45	68	59	49	42(18)	70	40	65	42
		70	40	66	43(91)	46	46	63	63	39	70	43	66(268)
98.4	7.5	66	66	43	43	74	56	51	37(28)	74	36	69	39
		72	34	70	41(99)	43	43	65	65	34	72	41	70(260)
105.0	7.1	68	68	41	41	78	54	52	34(32)	77	32	71	37
		73	30	73	41(104)	41	41	67	67	30	73	41	74(255)
111.5	6.8	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)
118.1	6.4	72	72	36	36	86	50	54	26(39)	84	26	76	32
		76	22	80	38(109)	37	37	71	71	22	76	39	80(250)
124.7	6.2	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)
131.2	5.7	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)
137.8	5.5	77	77	31	31	97	47	55	17(41)	93	16	83	24
		80	10	89	36(114)	32	32	76	76	10	79	37	90(245)
144.4	5.3	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)
150.9	5.1	81	81	27	27	104	43	57	11(43)	99	10	87	19
		86	3	95	31(111)	28	28	80	80	3	86	32	95(248)
157.5	4.4	81	81	26	26	105	43	57	10(43)	99	9	88	19
		87	2	95	31(111)	27	27	80	80	2	86	31	95(248)
164.0	3.7	81	81	26	26	106	41	58	9(44)	100	8	88	18
		86	1	96	31(112)	26	26	80	80	1	86	32	96(247)
177.2	2.4	81	81	25	25	106	41	58	8(44)	100	7	88	17
		86	0	96	30(112)	26	26	80	80	0	85	31	97(247)

 HA=138.1 HI=108.3 GGW= 75.8 SL= 0.0 MAX(A,B,C,D)= 9.8 8.0 9.0 9.0

Main boom and fixed jib (jib angle 20.0 degrees)

Length of main boom = 152.2 ft Length of jib = 108.3 ft

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

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	8.4	61	61	49	49	66	50	57	45(59)	64	46	61	47
		64	46	61	47(90)	50	50	60	60	46	64	47	61(270)
85.3	7.9	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)
91.9	7.7	65	65	44	44	71	58	50	39(23)	72	38	67	41
		71	37	68	42(95)	45	45	64	64	37	71	42	68(264)
98.4	7.3	67	67	42	42	76	55	51	35(30)	75	34	69	38
		73	32	71	41(101)	43	43	66	66	32	72	41	72(258)
105.0	7.1	69	69	39	39	81	53	53	31(35)	79	30	73	35
		74	27	76	40(106)	40	40	68	68	27	74	40	76(253)
111.5	6.6	71	71	37	37	85	51	54	28(38)	82	27	75	33
		76	23	79	39(108)	38	38	70	70	23	75	39	79(251)

118.1	6.4	73	73	35	35	89	49	55	24(40)	86	23	78	30
		77	19	83	38(111)	36	36	72	72	19	77	39	83(248)
124.7	6.2	75	75	33	33	93	47	56	20(42)	90	20	80	27
		79	14	86	37(112)	34	34	75	75	14	79	37	86(247)
131.2	6.0	77	77	31	31	97	47	56	17(41)	93	16	83	24
		80	10	90	36(114)	32	32	77	77	10	80	37	90(245)
137.8	5.5	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)
144.4	5.3	81	81	27	27	104	43	57	11(43)	99	10	87	20
		86	3	95	31(111)	28	28	80	80	3	86	32	95(248)
150.9	4.6	81	81	26	26	105	43	57	10(43)	100	8	88	19
		87	2	95	30(111)	27	27	80	80	2	86	31	96(248)
157.5	3.7	81	81	26	26	105	43	57	9(43)	99	8	88	18
		87	2	95	30(111)	27	27	80	80	1	86	31	95(248)
164.0	3.1	81	81	25	25	106	41	58	9(44)	100	7	88	18
		86	0	96	30(112)	26	26	80	80	0	86	31	96(247)

 HA=152.2 HI=108.3 GGW= 75.8 SL= 0.0 MAX(A,B,C,D)= 9.8 8.0 8.9 8.9

Main boom and fixed jib (jib angle 20.0 degrees)

Length of main boom = 166.0 ft Length of jib = 108.3 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)		6(...)						
	A	B C D	A B C D	A B C D	A B C D	A B C D							
78.7	8.2	62	62	48	48	67	49	58	44(59)	66	45	62	46
		66	45	62	46(90)	49	49	60	60	45	66	46	62(270)
85.3	7.9	64	64	45	45	68	59	49	42(18)	70	40	65	43
		70	40	66	43(91)	46	46	63	63	40	70	43	66(268)
91.9	7.5	66	66	43	43	73	56	50	37(27)	74	36	68	39
		72	35	70	41(99)	44	44	65	65	34	72	42	70(260)
98.4	7.3	69	69	40	40	79	54	52	33(33)	78	32	71	36
		74	29	74	40(104)	41	41	68	68	29	74	40	75(255)
105.0	7.1	71	71	38	38	84	51	53	28(37)	82	28	75	33
		76	24	79	39(108)	39	39	70	70	24	75	39	79(251)
111.5	6.6	73	73	35	35	88	49	55	25(40)	85	24	77	30
		77	20	82	38(110)	36	36	72	72	20	77	39	82(249)
118.1	6.4	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)
124.7	6.2	77	77	31	31	97	47	56	17(41)	93	16	83	24
		80	10	90	36(114)	32	32	77	77	10	80	37	90(245)
131.2	6.0	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)
137.8	5.3	80	80	27	27	103	43	57	11(43)	98	10	87	20
		86	4	94	32(111)	28	28	80	80	4	85	32	94(248)
144.4	4.2	80	80	27	27	103	43	57	11(43)	98	10	86	20
		85	4	93	32(111)	28	28	79	79	4	85	32	94(248)
150.9	3.5	80	80	26	26	104	43	57	10(43)	99	9	87	19
		86	2	95	31(111)	27	27	80	80	2	85	31	95(248)
157.5	2.6	80	80	26	26	104	43	57	10(43)	98	9	87	19
		86	2	94	31(111)	27	27	80	80	2	85	31	94(248)

 HA=166.0 HI=108.3 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 = 180.1 ft Length of jib = 108.3 ft
 Main boom sequence = 0-90-90-90-90-90 % LK = 73
 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		
85.3	7.7	65	65	44	44	70	58	50	40	22	72	38	67	41	
		71	38	67	42	(94)	45	45	64	64	38	71	42	67	(265)
91.9	7.3	67	67	42	42	76	55	51	35	(30)	75	34	69	38	
		73	32	71	41	(101)	43	43	66	66	32	72	41	72	(258)
98.4	7.1	70	70	39	39	81	53	53	31	(35)	80	30	73	35	
		75	27	76	40	(106)	40	40	69	69	27	74	40	76	(253)
105.0	6.8	72	72	36	36	87	50	54	26	(39)	84	26	76	32	
		77	22	80	38	(109)	37	37	71	71	21	76	39	80	(250)
111.5	6.6	75	75	34	34	91	48	55	22	(41)	88	21	79	28	
		78	16	85	38	(112)	35	35	74	74	16	78	38	85	(247)
118.1	6.4	77	77	31	31	96	47	56	18	(41)	92	17	82	25	
		80	11	89	36	(113)	32	32	76	76	11	80	37	89	(246)
124.7	6.2	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)
131.2	5.1	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)
137.8	4.0	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)
144.4	3.1	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)
150.9	2.4	79	79	27	27	102	43	56	11	(43)	97	10	86	20	
		85	4	93	31	(111)	28	28	79	79	3	84	32	93	(248)

 HA=180.1 HI=108.3 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 = 193.9 ft Length of jib = 108.3 ft
 Main boom sequence = 45-90-90-90-90-90 % LK = 76
 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		
91.9	7.1	68	68	40	40	78	54	52	33	(33)	77	32	71	37	
		74	30	74	40	(104)	41	41	67	67	30	73	41	74	(255)
98.4	6.8	71	71	38	38	84	51	53	28	(37)	82	28	75	33	
		76	24	78	39	(108)	39	39	70	70	24	75	39	79	(251)
105.0	6.6	74	74	35	35	90	48	55	24	(41)	86	23	78	30	
		78	18	83	38	(111)	36	36	73	73	18	77	38	83	(248)
111.5	6.4	76	76	32	32	95	46	57	19	(43)	91	19	81	26	
		79	13	87	37	(113)	33	33	75	75	13	79	37	88	(246)

118.1	5.7	78	78	30	30	97	47	56	17(41)	93	16	83	24
	80	9	90	36(114)	31	31	77	77		9	80	37	90(245)
124.7	4.6	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)
131.2	3.5	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)
137.8	2.6	78	78	29	29	99	44	56	14(42)	94	13	84	22
	84	7	90	32(110)	29	29	77	77		7	83	33	91(249)

 HA=193.9 HI=108.3 GGW= 75.8 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 = 208.0 ft Length of jib = 108.3 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(...)						
	A	B	C	D	A	B	C	D	A	B	C	D	
91.9	6.0	68	68	40	40	77	54	51	34(32)	77	32	71	37
		73	30	73	40(103)	41	41	67	67	30	73	40	73(256)
98.4	6.0	71	71	37	37	84	50	54	28(38)	82	27	75	33
		76	23	78	39(108)	38	38	70	70	23	75	39	79(251)
105.0	6.0	74	74	34	34	91	48	55	23(41)	87	22	78	29
		78	17	84	37(111)	35	35	73	73	17	78	38	84(248)
111.5	5.7	77	77	32	32	95	47	56	18(41)	91	17	82	25
		80	12	88	36(113)	32	32	76	76	12	79	37	88(246)
118.1	4.4	77	77	31	31	96	46	55	18(41)	92	17	82	25
		79	11	88	36(114)	32	32	76	76	11	79	37	89(245)
124.7	3.3	77	77	30	30	96	46	55	17(41)	92	15	82	24
		80	9	89	36(114)	31	31	76	76	9	79	36	89(245)
131.2	2.2	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)

 HA=208.0 HI=108.3 GGW= 75.8 SL= 0.0 MAX(A,B,C,D)= 8.9 7.6 8.3 8.3

Programm L A M O S 9 9 Version 1.08 vom 29.09.02
 14.10.2003, 15:49:13
 Eingabedatei: ilam.dat
 Festdatei : /berechnung/tabellen/zentraledaten/lamosfd-ac/200-1.99dat
 Tabellendat.: /berechnung/tabellen/ac/ac200-1/serie_3/pc_tab/22137912_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 KS

 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 = 108.3 ft
 Main boom sequence = 0-0-0-0-0-0 % LK = 1
 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	
59.1	10.4	49	49	62	62	41	62	50	66(59)	43	68	45	64	
		50	70	43	57(128)	63	63	47	47	70	50	57	43(232)	
65.6	9.5	50	50	60	60	45	60	51	63(59)	46	65	47	61	
		52	66	45	56(128)	61	61	49	49	66	52	56	45(232)	
72.2	8.8	52	52	58	58	48	59	52	60(59)	49	61	49	59	
		53	62	48	56(128)	59	59	50	50	62	53	56	48(232)	
78.7	8.2	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)	
85.3	7.7	55	55	54	54	55	55	54	54(59)	55	55	54	54	
		55	55	54	54(127)	55	55	54	54	55	55	54	54(232)	
91.9	7.1	56	56	52	52	57	53	54	52(59)	57	52	55	52	
		56	52	56	53(128)	53	53	55	55	52	56	53	56(232)	
98.4	6.6	58	58	50	50	60	52	55	49(59)	60	49	58	50	
		57	49	59	52(128)	52	52	57	57	49	57	52	59(232)	
105.0	6.2	59	59	49	49	63	50	56	46(59)	62	47	60	48	
		58	45	61	52(128)	50	50	58	58	45	58	52	61(232)	
111.5	6.0	61	61	47	47	67	48	57	43(59)	66	43	62	45	
		66	43	62	45(90)	48	48	60	60	43	66	45	62(270)	
118.1	5.5	63	63	45	45	66	59	48	43(14)	68	40	64	43	
		68	40	64	43(90)	46	46	62	62	40	68	43	64(270)	

HA= 40.7 HI=108.3 GGW= 75.8 SL= 0.0 MAX(A,B,C,D)= 6.5 6.5 5.9 6.1

Main boom and fixed jib (jib angle 40.0 degrees)
 Length of main boom = 54.5 ft Length of jib = 108.3 ft
 Main boom sequence = 0-0-0-0-0-45 % 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	
59.1	10.4	49	49	62	62	42	62	50	66(59)	44	68	45	64	
		50	69	43	57(128)	63	63	47	47	69	50	57	43(232)	
65.6	9.7	50	50	60	60	45	60	51	63(59)	47	64	48	61	
		52	65	46	56(128)	61	61	49	49	65	52	56	46(232)	
72.2	9.0	52	52	58	58	49	58	52	60(59)	50	61	50	58	
		53	62	49	56(128)	59	59	51	51	62	53	56	49(232)	
78.7	8.4	54	54	56	56	52	57	53	57(59)	52	58	52	56	
		54	58	51	55(128)	57	57	52	52	58	54	55	51(232)	
85.3	7.9	55	55	54	54	56	55	54	54(59)	55	54	54	54	
		55	54	54	54(127)	55	55	54	54	54	55	54	54(232)	

91.9	7.5	57	57	52	52	59	53	55	50(59)	58	51	56	51
		56	51	57	53(128)	53	53	56	56	51	56	53	57(232)
98.4	7.1	58	58	50	50	62	51	56	48(59)	61	48	59	49
		57	47	60	52(128)	51	51	58	58	47	57	52	60(232)
105.0	6.6	60	60	48	48	65	49	57	45(59)	64	45	61	47
		64	45	61	47(90)	49	49	59	59	45	64	47	61(270)
111.5	6.2	62	62	47	47	62	61	47	46(2)	66	43	63	45
		66	43	63	45(90)	47	47	61	61	43	66	45	63(270)
118.1	6.0	63	63	45	45	68	58	49	41(18)	69	39	65	42
		69	39	65	42(91)	45	45	63	63	39	69	42	65(268)
124.7	5.5	65	65	43	43	71	56	50	38(25)	72	37	67	40
		71	35	68	41(97)	44	44	64	64	35	70	41	68(262)
131.2	5.3	67	67	41	41	76	54	51	34(31)	75	33	69	37
		72	31	71	40(102)	42	42	66	66	31	72	41	72(257)

HA= 54.5 HI=108.3 GGW= 75.8 SL= 0.0 MAX(A,B,C,D)= 7.0 6.7 6.6 6.7

Main boom and fixed jib (jib angle 40.0 degrees)

Length of main boom = 68.6 ft Length of jib = 108.3 ft

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

Counterweight = 75.8 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.			
		1(0)		2(...)		3(90)		6(...)					
		4(...)	5(180)	A	B	C	D						
65.6	9.5	50	50	60	60	45	60	51	63(59)	47	64	47	61
		52	66	46	56(128)	61	61	49	49	66	52	56	46(232)
72.2	9.0	52	52	57	57	49	58	52	59(59)	50	61	50	58
		53	62	49	56(128)	58	58	51	51	62	53	56	49(232)
78.7	8.4	54	54	56	56	52	56	53	56(59)	52	58	52	56
		54	58	52	55(128)	57	57	52	52	58	54	55	52(232)
85.3	7.9	55	55	54	54	56	55	54	53(59)	56	54	54	54
		55	54	54	54(127)	55	55	54	54	54	55	54	54(232)
91.9	7.3	57	57	52	52	58	53	55	51(59)	58	52	56	52
		56	51	57	53(128)	53	53	56	56	51	56	53	57(232)
98.4	6.8	58	58	50	50	62	51	56	48(59)	60	49	58	49
		57	48	59	52(128)	51	51	57	57	48	57	52	59(232)
105.0	6.2	59	59	49	49	63	50	56	46(59)	62	47	60	48
		58	45	61	52(128)	50	50	58	58	45	58	52	61(232)
111.5	5.7	60	60	47	47	66	49	57	44(59)	65	44	61	46
		65	44	61	46(90)	48	48	60	60	44	65	46	61(270)
118.1	5.3	62	62	46	46	63	60	47	45(7)	67	41	63	44
		67	41	63	44(90)	47	47	61	61	41	67	44	63(270)
124.7	4.9	63	63	44	44	67	58	48	41(17)	69	39	65	42
		69	39	65	42(90)	45	45	62	62	39	69	42	65(269)
131.2	4.6	65	65	43	43	71	56	49	38(25)	72	36	67	40
		70	35	68	41(97)	43	43	64	64	35	70	41	68(262)
137.8	4.2	66	66	41	41	74	54	50	35(29)	74	34	68	38
		71	32	70	40(100)	42	42	65	65	32	71	41	70(259)

HA= 68.6 HI=108.3 GGW= 75.8 SL= 0.0 MAX(A,B,C,D)= 6.9 6.6 6.5 6.5

Main boom and fixed jib (jib angle 40.0 degrees)

Length of main boom = 82.3 ft Length of jib = 108.3 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		
72.2	9.0	52	52	57	57	50	58	52	59(59)	50	60	50	58	
		53	61	49	55(128)	58	58	51	51	61	53	55	49(232)	
78.7	8.4	54	54	55	55	53	56	53	56(59)	53	57	52	56	
		54	57	52	54(127)	56	56	53	53	57	54	54	52(232)	
85.3	7.9	56	56	53	53	56	54	54	53(59)	56	54	55	53	
		56	54	55	54(127)	54	54	55	55	54	56	54	55(232)	
91.9	7.5	58	58	51	51	60	52	55	50(59)	59	50	57	50	
		57	50	58	53(128)	52	52	56	56	50	57	53	58(232)	
98.4	7.1	59	59	49	49	63	51	56	47(59)	62	47	59	48	
		58	46	61	52(128)	50	50	58	58	46	58	52	61(232)	
105.0	6.6	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)	
111.5	6.2	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)	
118.1	5.7	63	63	44	44	68	58	49	41(18)	69	39	65	42	
		69	39	65	42(91)	45	45	63	63	39	69	42	65(268)	
124.7	5.3	65	65	43	43	71	57	49	38(24)	72	37	67	40	
		71	36	68	41(96)	44	44	64	64	35	70	41	68(263)	
131.2	4.9	66	66	41	41	74	55	50	36(29)	74	34	68	38	
		71	33	70	41(100)	42	42	65	65	32	71	41	70(259)	
137.8	4.6	67	67	40	40	78	53	51	32(33)	77	31	71	36	
		73	29	73	40(104)	41	41	67	67	29	72	40	73(255)	
144.4	4.2	69	69	38	38	80	52	52	30(35)	78	29	72	34	
		73	26	75	39(106)	39	39	68	68	26	73	39	75(253)	
150.9	4.0	70	70	37	37	84	50	53	27(38)	81	26	74	32	
		75	23	78	38(108)	37	37	69	69	22	75	39	78(251)	

HA= 82.3 HI=108.3 GGW= 75.8 SL= 0.0 MAX(A,B,C,D)= 7.8 6.9 7.3 7.3

Main boom and fixed jib (jib angle 40.0 degrees)
 Length of main boom = 96.5 ft Length of jib = 108.3 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		
72.2	8.8	52	52	57	57	50	58	52	59(59)	50	60	50	58	
		53	61	49	55(128)	58	58	51	51	61	53	55	49(232)	
78.7	8.4	54	54	55	55	54	56	54	55(59)	54	56	53	55	
		54	57	53	54(127)	56	56	53	53	57	54	54	53(232)	
85.3	7.9	56	56	53	53	57	54	55	52(59)	57	53	56	52	
		56	53	56	54(127)	54	54	55	55	53	56	54	56(232)	
91.9	7.5	58	58	51	51	61	52	56	49(59)	60	50	58	50	
		57	49	59	53(128)	52	52	57	57	49	57	53	59(232)	

98.4	7.1	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)
105.0	6.6	61	61	47	47	67	49	58	43(59)	65	44	62	45
		65	44	62	45(90)	48	48	60	60	44	65	45	62(270)
111.5	6.2	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)
118.1	6.0	64	64	43	43	70	57	49	39(23)	71	37	66	41
		70	37	67	42(95)	44	44	63	63	37	70	42	67(264)
124.7	5.5	66	66	42	42	73	55	50	36(28)	74	35	68	39
		71	34	70	41(99)	43	43	65	65	33	71	41	70(260)
131.2	5.3	67	67	40	40	78	53	52	33(33)	77	32	71	36
		73	29	73	40(104)	41	41	67	67	29	72	40	73(255)
137.8	4.9	69	69	39	39	80	52	52	31(35)	79	30	72	35
		74	26	75	39(106)	39	39	68	68	26	73	40	75(253)
144.4	4.6	70	70	37	37	84	50	53	27(38)	82	26	74	32
		75	23	78	38(108)	38	38	70	70	23	75	39	78(251)
150.9	4.2	71	71	36	36	86	49	54	25(39)	83	24	76	31
		76	20	80	38(110)	36	36	71	71	20	75	39	80(249)
157.5	4.0	73	73	34	34	89	47	55	22(41)	86	22	78	28
		77	17	83	37(111)	35	35	72	72	17	77	37	83(248)
164.0	3.7	75	75	32	32	93	46	55	20(42)	89	19	80	26
		78	13	86	36(112)	33	33	74	74	13	78	37	86(247)

HA= 96.5 HI=108.3 GGW= 75.8 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 = 110.2 ft Length of jib = 108.3 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		
78.7	8.4	55	55	54	54	55	55	54	54(59)	55	56	54	54
		55	56	54	54(127)	55	55	54	54	56	55	54	54(232)
85.3	7.9	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)
91.9	7.5	59	59	50	50	62	51	56	48(59)	61	49	59	49
		58	48	60	52(128)	51	51	58	58	48	58	52	60(232)
98.4	7.3	61	61	48	48	67	49	57	44(59)	65	45	62	46
		65	45	62	46(90)	49	49	60	60	45	65	46	62(270)
105.0	6.8	62	62	46	46	65	60	48	44(10)	68	42	64	44
		68	42	64	44(90)	47	47	62	62	42	68	44	64(270)
111.5	6.4	64	64	44	44	69	58	49	41(20)	71	39	66	41
		70	38	66	42(93)	45	45	63	63	38	70	42	66(266)
118.1	6.0	65	65	43	43	73	56	50	37(27)	73	36	68	39
		71	34	69	41(98)	43	43	65	65	34	71	41	69(261)
124.7	5.7	67	67	40	40	77	54	51	34(32)	76	32	70	37
		73	30	73	40(103)	41	41	67	67	30	73	40	73(256)
131.2	5.5	69	69	38	38	81	52	53	30(36)	80	29	73	34
		74	26	76	39(106)	39	39	68	68	26	74	39	76(253)
137.8	5.1	71	71	37	37	84	50	53	28(38)	82	27	74	32
		75	23	78	38(108)	38	38	70	70	23	75	39	78(251)

144.4	4.9	72	72	35	35	88	48	54	24(40)	85	24	77	30
		77	19	81	38(110)	36	36	71	71	19	76	38	82(249)
150.9	4.4	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)
157.5	4.2	75	75	32	32	93	45	56	19(43)	90	18	80	26
		78	13	86	36(113)	33	33	74	74	13	78	37	86(246)
164.0	4.0	77	77	30	30	96	46	55	17(41)	92	15	82	24
		80	9	89	36(114)	31	31	76	76	9	79	36	89(245)
177.2	3.5	80	80	27	27	103	43	57	11(43)	98	10	86	19
		85	3	94	31(111)	28	28	79	79	3	85	32	94(248)

HA=110.2 HI=108.3 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 40.0 degrees)

Length of main boom = 124.3 ft Length of jib = 108.3 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					
85.3	7.9	58	58	52	52	60	53	55	50(59)	59	51	57	51
		57	50	58	53(128)	53	53	56	56	50	57	53	58(232)
91.9	7.5	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)
98.4	7.1	61	61	47	47	67	49	58	43(59)	65	44	62	46
		65	44	62	46(90)	49	49	60	60	44	65	46	62(270)
105.0	6.8	63	63	45	45	67	59	49	43(16)	69	40	65	43
		69	40	65	43(90)	46	46	62	62	40	69	43	65(270)
111.5	6.6	65	65	43	43	72	56	50	38(26)	73	37	67	40
		71	35	69	41(98)	44	44	64	64	35	71	42	69(261)
118.1	6.2	67	67	41	41	76	54	51	35(31)	75	34	69	38
		72	32	72	41(102)	42	42	66	66	31	72	41	72(257)
124.7	6.0	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)
131.2	5.5	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)
137.8	5.3	72	72	35	35	88	49	54	25(40)	84	24	77	30
		77	20	81	38(110)	36	36	71	71	20	76	38	81(249)
144.4	5.1	74	74	34	34	91	47	56	21(42)	88	21	79	28
		78	16	84	37(112)	34	34	73	73	16	77	38	85(247)
150.9	4.6	75	75	32	32	94	45	56	19(43)	90	19	80	26
		78	13	86	37(113)	33	33	75	75	13	78	37	87(246)
157.5	4.4	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)
164.0	4.2	79	79	28	28	100	45	56	13(42)	95	12	85	21
		84	6	91	32(110)	29	29	78	78	6	84	32	91(249)
177.2	3.5	81	81	26	26	106	41	58	9(44)	100	7	88	18
		86	1	96	31(112)	26	26	80	80	0	86	31	96(247)

HA=124.3 HI=108.3 GGW= 75.8 SL= 0.0 MAX(A,B,C,D)= 9.8 7.9 8.9 8.9

Main boom and fixed jib (jib angle 40.0 degrees)

Length of main boom = 138.1 ft Length of jib = 108.3 ft
 Main boom sequence = 0-0-45-90-90-90 % LK = 54
 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		
85.3	7.7	58	58	51	51	61	52	56	49	(59)	60	50	58	50
		57	49	59	53(128)	52	52	57	57		49	57	53	59(232)
91.9	7.5	60	60	49	49	65	50	57	45	(59)	64	46	61	47
		64	46	61	47(90)	49	49	59	59		46	64	47	61(270)
98.4	7.1	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)
105.0	6.8	64	64	44	44	70	58	49	40	(22)	71	38	66	41
		70	38	67	42(94)	45	45	63	63		37	70	42	67(265)
111.5	6.6	67	67	42	42	75	55	51	36	(29)	75	34	69	38
		72	32	71	41(101)	43	43	66	66		32	72	41	71(258)
118.1	6.2	68	68	40	40	79	53	52	32	(33)	78	31	71	36
		73	28	74	40(105)	41	41	67	67		28	73	40	74(254)
124.7	6.0	70	70	37	37	83	51	53	28	(37)	81	28	74	33
		75	24	78	39(108)	39	39	69	69		24	75	39	78(251)
131.2	5.7	73	73	35	35	88	49	54	25	(40)	85	24	77	30
		77	20	81	38(110)	36	36	72	72		20	76	38	82(249)
137.8	5.5	75	75	33	33	92	47	56	21	(42)	88	21	79	28
		78	15	85	37(112)	34	34	74	74		15	78	37	85(247)
144.4	5.3	77	77	31	31	95	47	55	18	(41)	91	17	82	25
		80	11	88	36(113)	32	32	76	76		11	79	36	88(246)
150.9	4.9	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)
157.5	4.6	80	80	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)
164.0	4.4	81	81	26	26	106	42	58	9	(44)	100	8	88	18
		86	1	96	31(112)	27	27	80	80		1	86	32	96(247)
177.2	2.9	81	81	25	25	105	41	58	9	(44)	100	7	88	18
		86	0	96	31(112)	26	26	80	80		0	85	31	96(247)

HA=138.1 HI=108.3 GGW= 75.8 SL= 0.0 MAX(A,B,C,D)= 9.8 7.9 8.9 8.9

Main boom and fixed jib (jib angle 40.0 degrees)
 Length of main boom = 152.2 ft Length of jib = 108.3 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(...)				5(180)					6(...)				
	A	B	C	D	A	B	C	D	A	B	C	D		
91.9	7.3	61	61	48	48	66	49	57	44	(59)	65	45	62	46
		65	45	62	46(90)	49	49	60	60		45	65	46	62(270)
98.4	7.1	63	63	45	45	66	60	48	43	(14)	69	41	65	43
		69	41	65	43(90)	46	46	62	62		41	69	43	65(270)
105.0	6.8	65	65	43	43	72	56	50	38	(26)	73	37	68	40
		71	35	69	42(98)	44	44	65	65		35	71	42	69(261)

111.5	6.4	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)
118.1	6.2	70	70	39	39	82	52	53	30(36)	80	29	73	34
		75	26	76	39(106)	39	39	69	69	26	74	40	77(253)
124.7	6.0	72	72	36	36	86	50	54	26(39)	84	25	76	32
		76	21	80	38(109)	37	37	71	71	21	76	39	80(250)
131.2	5.7	74	74	34	34	91	48	55	22(41)	87	22	78	29
		78	17	84	37(111)	35	35	73	73	17	77	38	84(248)
137.8	5.5	76	76	32	32	94	48	55	19(40)	91	18	81	26
		79	12	88	36(113)	33	33	75	75	12	79	37	88(246)
144.4	5.3	78	78	30	30	99	45	56	15(42)	94	14	84	23
		84	9	90	33(110)	30	30	77	77	9	83	34	90(249)
150.9	5.1	80	80	28	28	103	43	57	12(43)	98	11	86	20
		86	4	93	32(111)	28	28	79	79	4	85	32	94(248)
157.5	4.6	81	81	26	26	105	43	57	10(43)	100	8	88	19
		87	2	95	30(111)	27	27	80	80	2	86	31	96(248)
164.0	3.7	81	81	26	26	105	43	57	9(43)	99	8	88	18
		87	1	95	30(111)	27	27	80	80	1	86	31	95(248)
177.2	2.2	81	81	25	25	104	42	57	9(43)	99	7	88	18
		86	1	95	30(111)	26	26	80	80	1	86	31	95(248)

 HA=152.2 HI=108.3 GGW= 75.8 SL= 0.0 MAX(A,B,C,D)= 9.8 8.0 8.9 8.9

Main boom and fixed jib (jib angle 40.0 degrees)

Length of main boom = 166.0 ft Length of jib = 108.3 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	A	B	C	D
91.9	7.3	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)
98.4	6.8	64	64	45	45	69	58	49	41(19)	70	39	66	42
		70	39	66	42(92)	45	45	63	63	39	70	42	66(267)
105.0	6.6	66	66	42	42	75	55	51	36(29)	75	35	69	39
		72	33	71	41(100)	43	43	65	65	33	72	41	71(259)
111.5	6.4	69	69	39	39	80	53	52	32(34)	78	31	72	35
		74	28	75	40(105)	40	40	68	68	28	74	40	75(254)
118.1	6.2	71	71	37	37	85	50	54	27(38)	82	27	75	32
		76	23	79	39(109)	38	38	70	70	22	75	39	79(250)
124.7	6.0	73	73	35	35	90	48	55	23(41)	86	22	78	29
		77	18	83	38(111)	35	35	73	73	18	77	38	83(248)
131.2	5.7	76	76	32	32	94	46	57	19(43)	90	19	81	26
		79	13	87	37(113)	33	33	75	75	13	78	37	87(246)
137.8	5.5	78	78	30	30	98	45	56	16(42)	94	15	84	23
		84	9	90	33(110)	31	31	77	77	9	83	34	90(249)
144.4	5.3	80	80	28	28	103	44	57	12(43)	98	11	86	20
		86	4	93	32(111)	28	28	79	79	4	85	32	94(248)
150.9	4.4	80	80	27	27	103	43	57	11(43)	98	10	87	20
		86	4	94	31(111)	28	28	79	79	3	85	32	94(248)
157.5	3.5	80	80	27	27	103	43	57	11(43)	98	9	87	19
		86	3	94	31(111)	27	27	79	79	3	85	32	94(248)

164.0 2.9 80 80 26 26 104 42 57 9(43) 99 8 88 18
 86 2 95 30(111) 27 27 80 80 1 86 31 95(248)

HA=166.0 HI=108.3 GGW= 75.8 SL= 0.0 MAX(A,B,C,D)= 9.7 7.9 8.8 8.8

Main boom and fixed jib (jib angle 40.0 degrees)
 Length of main boom = 180.1 ft Length of jib = 108.3 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	
98.4	6.8	65	65	43	43	71	57	50	39(24)	72	37	67	40
		71	36	68	42(96)	44	44	64	64	36	71	42	68(263)
105.0	6.6	68	68	41	41	77	54	52	34(32)	77	33	70	37
		73	30	73	40(103)	42	42	67	67	30	73	41	73(256)
111.5	6.4	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	77(252)
118.1	6.2	73	73	35	35	88	49	55	25(40)	85	24	77	30
		77	20	82	38(110)	36	36	72	72	20	77	39	82(249)
124.7	6.0	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)
131.2	5.7	77	77	30	30	97	47	56	17(41)	93	16	83	24
		80	10	90	36(114)	32	32	77	77	10	80	37	90(245)
137.8	5.3	79	79	29	29	101	45	56	14(42)	96	13	85	22
		85	7	92	32(110)	30	30	78	78	6	84	33	92(249)
144.4	4.4	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)
150.9	3.5	80	80	27	27	102	43	57	12(43)	97	10	86	20
		85	4	93	32(111)	28	28	79	79	4	84	32	93(248)
157.5	2.6	79	79	27	27	102	43	56	11(43)	97	10	86	20
		85	4	93	31(111)	28	28	79	79	3	84	32	93(248)

HA=180.1 HI=108.3 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 = 193.9 ft Length of jib = 108.3 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)				4(...)								
	A	B	C	D	A	B	C	D	A	B	C	D	
105.0	6.4	69	69	39	39	80	53	52	32(34)	78	31	72	35
		74	28	75	40(105)	40	40	68	68	28	74	40	75(254)
111.5	6.2	71	71	37	37	85	50	54	27(38)	83	26	75	32
		76	22	80	39(109)	38	38	71	71	22	75	39	80(250)
118.1	6.0	74	74	34	34	91	48	55	22(41)	87	22	78	29
		78	17	84	37(111)	35	35	73	73	17	78	38	84(248)
124.7	5.7	77	77	32	32	95	47	55	18(41)	91	17	82	25
		80	12	88	36(113)	32	32	76	76	11	79	37	88(246)

131.2 5.1 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)
 137.8 4.0 78 78 29 29 99 45 56 15(42) 94 14 84 23
 83 8 90 33(110) 30 30 77 77 8 83 33 90(249)
 144.4 3.1 78 78 29 29 99 44 56 14(42) 95 13 84 22
 84 7 91 32(110) 29 29 77 77 7 83 33 91(249)

 HA=193.9 HI=108.3 GGW= 75.8 SL= 0.0 MAX(A,B,C,D)= 9.2 7.7 8.4 8.4

Main boom and fixed jib (jib angle 40.0 degrees)
 Length of main boom = 208.0 ft Length of jib = 108.3 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)		6(...)			
	A	B	C	D	A	B	C	D		
111.5	5.7	72	72	36	36	87	50	54	26(39)	84 25 76 31
		76	21	81	38(110)	37	37	71	71	21 76 39 81(249)
118.1	5.7	75	75	33	33	93	47	56	20(42)	90 20 80 27
		79	14	86	37(112)	34	34	74	74	14 78 37 86(247)
124.7	5.1	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)
131.2	4.0	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)
137.8	2.9	77	77	30	30	97	46	55	16(41)	93 15 83 23
		83	9	89	32(109)	30	30	76	76	9 82 33 89(250)

 HA=208.0 HI=108.3 GGW= 75.8 SL= 0.0 MAX(A,B,C,D)= 9.0 7.7 8.3 8.3

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 KS

 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 = 108.3 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					
23.0	20.5	46	46	65	65	37	66	49	71(59)	39	74	42	68
		49	76	39	59(128)	67	67	45	45	76	49	59	39(232)
26.2	19.4	47	47	64	64	39	64	50	69(59)	41	71	44	66
		50	73	41	58(128)	65	65	46	46	73	50	58	41(232)
29.5	18.3	48	48	62	62	41	63	50	67(59)	43	69	45	64
		50	71	42	58(128)	63	63	47	47	71	50	58	42(232)
32.8	17.4	49	49	61	61	43	62	51	65(59)	45	66	46	62
		51	68	44	57(128)	62	62	48	48	68	51	57	44(232)
39.4	15.7	51	51	58	58	47	59	52	61(59)	48	62	49	59
		52	63	47	56(128)	59	59	50	50	63	52	56	47(232)
45.9	14.1	52	52	56	56	50	57	52	57(59)	51	58	51	56
		53	59	50	54(128)	57	57	52	52	59	53	54	50(232)
52.5	12.6	54	54	54	54	53	55	53	54(59)	53	55	53	54
		54	55	52	54(127)	55	55	53	53	55	54	54	52(232)
59.1	11.2	55	55	52	52	56	53	54	52(59)	55	52	54	52
		54	52	54	53(127)	53	53	54	54	52	54	53	54(232)
65.6	10.4	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)
72.2	9.5	57	57	49	49	61	50	55	46(59)	60	47	58	48
		56	46	59	51(128)	49	49	57	57	46	56	51	59(232)
78.7	8.6	58	58	47	47	63	48	56	44(59)	62	44	59	46
		57	43	61	50(128)	48	48	58	58	43	57	50	61(232)
85.3	7.9	59	59	46	46	66	47	56	42(59)	64	42	61	44
		64	42	61	44(90)	46	46	59	59	42	64	44	61(270)
91.9	7.3	60	60	45	45	62	58	46	43(9)	66	40	62	42
		66	40	62	42(90)	45	45	60	60	40	66	42	62(270)
98.4	6.8	62	62	43	43	66	56	47	40(19)	68	37	64	40
		68	37	64	41(91)	43	43	61	61	37	68	41	64(268)
105.0	6.2	62	62	42	42	68	55	48	38(23)	69	35	65	39
		68	35	66	40(95)	42	42	62	62	35	68	40	66(264)
111.5	5.7	63	63	41	41	71	54	49	35(27)	71	34	66	37
		69	32	68	39(99)	41	41	63	63	32	69	40	68(260)
118.1	5.5	65	65	39	39	74	52	49	33(31)	73	31	68	35
		70	29	70	39(102)	39	39	65	65	28	70	39	71(257)
124.7	5.3	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)
131.2	4.9	67	67	37	37	79	49	51	28(36)	77	27	71	32
		72	24	74	37(106)	37	37	67	67	24	72	38	74(253)

HA= 40.7 HI=108.3 GGW= 68.6 SL= 0.0 MAX(A,B,C,D)= 7.3 7.1 6.9 6.9

Main boom and fixed jib (jib angle 0.0 degrees)
 Length of main boom = 54.5 ft Length of jib = 108.3 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)		6(...)		

	4(...)				5(180)				6(...)					
	A	B	C	D	A	B	C	D	A	B	C	D		
26.2	18.7	47	47	64	64	38	64	49	69	(59)	41	71	43	66
	50	73	40	58	(128)	65	65	46	46	73	50	58	40	(232)
29.5	18.1	48	48	62	62	41	63	50	67	(59)	43	69	45	64
	50	70	42	58	(128)	63	63	47	47	70	50	58	42	(232)
32.8	17.2	49	49	61	61	43	61	51	65	(59)	45	66	46	62
	51	68	44	57	(128)	62	62	48	48	68	51	57	44	(232)
39.4	15.4	51	51	58	58	47	59	52	61	(59)	48	62	49	59
	52	63	47	56	(128)	59	59	50	50	63	52	56	47	(232)
45.9	14.1	53	53	56	56	51	56	52	57	(59)	51	58	51	56
	53	58	50	54	(128)	57	57	52	52	58	53	54	50	(232)
52.5	13.0	54	54	53	53	54	54	54	53	(59)	54	54	54	53
	54	54	54	53	(127)	54	54	54	54	54	54	53	54	(232)
59.1	11.7	56	56	52	52	57	52	54	51	(59)	57	51	55	51
	55	51	56	52	(128)	52	52	55	55	51	55	52	56	(232)
65.6	10.8	57	57	50	50	60	51	55	48	(59)	59	48	57	49
	56	47	58	52	(128)	50	50	56	56	47	56	52	58	(232)
72.2	9.9	58	58	48	48	63	49	56	45	(59)	62	45	59	47
	57	44	61	51	(128)	49	49	58	58	44	57	51	61	(232)
78.7	9.3	60	60	46	46	66	47	56	42	(59)	64	43	61	44
	64	43	61	44	(90)	47	47	59	59	43	64	44	61	(270)
85.3	8.4	61	61	45	45	62	59	46	44	(8)	66	40	62	43
	66	40	62	43	(90)	45	45	60	60	40	66	43	62	(270)
91.9	7.7	62	62	43	43	66	57	47	41	(17)	68	38	64	41
	68	38	64	41	(90)	44	44	61	61	38	67	41	64	(269)
98.4	7.3	63	63	42	42	69	55	48	37	(24)	70	35	65	39
	69	34	66	40	(96)	42	42	63	63	34	69	40	67	(263)
105.0	6.8	64	64	40	40	72	53	49	35	(29)	72	33	67	37
	70	31	69	39	(100)	41	41	64	64	31	70	40	69	(259)
111.5	6.4	65	65	39	39	75	52	50	32	(32)	74	31	69	35
	71	28	71	39	(103)	39	39	65	65	28	71	39	71	(256)
118.1	6.0	66	66	38	38	77	51	50	30	(34)	76	28	70	34
	72	26	73	38	(105)	38	38	66	66	26	71	38	73	(254)
124.7	5.5	67	67	37	37	79	49	51	28	(36)	78	27	71	32
	72	23	75	38	(107)	37	37	67	67	23	72	38	75	(252)
131.2	5.3	69	69	35	35	82	48	52	26	(38)	80	24	73	30
	73	20	77	37	(109)	35	35	68	68	20	73	37	77	(250)
137.8	4.9	69	69	34	34	84	47	52	24	(39)	81	23	74	29
	74	19	79	37	(110)	35	35	69	69	18	73	37	79	(249)
144.4	4.6	71	71	33	33	86	46	53	22	(40)	83	21	76	28
	75	16	81	36	(111)	33	33	70	70	16	74	36	81	(248)

 HA= 54.5 HI=108.3 GGW= 68.6 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 = 68.6 ft Length of jib = 108.3 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(...)				5(180)				6(...)			
	A	B	C	D	A	B	C	D	A	B	C	D

29.5 17.0 47 47 62 62 40 63 50 67(59) 42 69 44 65
50 71 41 58(128) 63 63 46 46 71 50 58 41(232)
32.8 16.3 49 49 61 61 42 62 50 65(59) 44 67 46 63
50 68 43 57(128) 62 62 48 48 68 50 57 43(232)
39.4 15.0 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)
45.9 13.9 53 53 56 56 51 56 52 57(59) 51 58 51 56
53 58 50 54(128) 57 57 52 52 58 53 54 50(232)
52.5 12.8 54 54 53 53 54 54 53 53(59) 54 54 54 53
54 54 54 53(127) 54 54 54 54 54 54 53 54(232)
59.1 11.7 56 56 51 51 58 52 54 50(59) 57 51 56 51
55 50 56 52(128) 52 52 55 55 50 55 52 56(232)
65.6 10.8 57 57 49 49 61 50 55 47(59) 60 48 58 49
56 47 59 52(128) 50 50 56 56 47 56 52 59(232)
72.2 9.7 58 58 48 48 63 49 56 45(59) 62 45 59 47
57 44 61 51(128) 49 49 58 58 44 57 51 61(232)
78.7 9.0 60 60 46 46 66 47 56 42(59) 64 43 61 44
64 43 61 44(90) 47 47 59 59 43 64 44 61(270)
85.3 8.2 60 60 45 45 62 59 46 44(7) 66 40 62 43
66 40 62 43(90) 45 45 60 60 40 66 43 62(270)
91.9 7.5 62 62 43 43 65 57 47 41(17) 67 38 63 41
67 38 63 41(90) 44 44 61 61 38 67 41 64(269)
98.4 6.8 62 62 42 42 68 56 48 38(22) 69 36 65 39
69 35 65 40(94) 43 43 62 62 35 68 40 66(265)
105.0 6.2 63 63 41 41 70 54 48 36(26) 71 34 66 38
69 33 67 40(98) 41 41 63 63 33 69 40 67(261)
111.5 5.7 64 64 40 40 73 52 49 34(30) 73 32 67 36
70 30 69 39(101) 40 40 64 64 30 70 39 69(258)
118.1 5.3 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)
124.7 4.9 66 66 37 37 77 50 50 30(34) 76 28 70 34
71 25 73 38(105) 38 38 66 66 25 71 38 73(254)
131.2 4.4 67 67 37 37 79 49 51 28(36) 77 27 71 32
72 23 75 37(107) 37 37 67 67 23 71 38 75(252)
137.8 4.0 67 67 36 36 80 48 51 27(37) 78 25 72 31
72 22 76 37(108) 36 36 67 67 21 72 37 76(251)
144.4 3.7 69 69 34 34 83 47 52 24(39) 80 23 73 30
73 19 78 36(109) 35 35 69 69 19 73 37 78(250)
150.9 3.5 70 70 33 33 85 46 52 22(40) 82 21 75 28
74 17 79 36(110) 34 34 69 69 17 74 36 80(249)
157.5 3.3 71 71 32 32 87 45 53 21(41) 84 19 76 27
75 14 81 35(111) 32 32 71 71 14 74 36 81(248)

HA= 68.6 HI=108.3 GGW= 68.6 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 = 70.2 ft Length of jib = 108.3 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)				
	4(...)		5(180)		6(...)				
	A	B	C	D	A	B	C	D	

29.5	16.8	47	47	62	62	39	63	50	67(59)	42	69	44	65
		50	71	41	58(128)	63	63	46	46	71	50	58	41(232)
32.8	16.1	49	49	61	61	42	62	50	65(59)	44	67	45	63
		50	68	43	57(128)	62	62	47	47	68	50	57	43(232)
39.4	14.8	50	50	58	58	46	59	51	61(59)	47	62	48	60
		52	63	47	56(128)	59	59	49	49	63	52	56	47(232)
45.9	13.4	52	52	56	56	50	57	52	57(59)	50	58	51	57
		53	59	50	54(128)	57	57	51	51	59	53	54	50(232)
52.5	12.1	54	54	54	54	53	55	53	54(59)	53	55	52	54
		54	55	52	54(127)	55	55	53	53	55	54	54	52(232)
59.1	10.8	55	55	52	52	56	53	54	52(59)	55	52	54	52
		54	52	54	53(127)	53	53	54	54	52	54	53	54(232)
65.6	9.5	55	55	51	51	57	52	54	49(59)	57	50	55	50
		55	49	56	52(128)	51	51	55	55	49	55	52	56(232)
72.2	8.4	56	56	49	49	59	50	54	47(59)	58	48	56	49
		55	47	58	51(128)	50	50	56	56	47	55	51	58(232)
78.7	7.7	57	57	48	48	62	49	55	45(59)	61	45	58	47
		56	44	60	50(128)	48	48	57	57	44	56	50	60(232)
85.3	7.1	58	58	46	46	64	47	56	43(59)	63	43	60	45
		63	43	60	45(90)	47	47	58	58	43	63	45	60(270)
91.9	6.4	60	60	45	45	60	59	45	45(2)	64	41	61	43
		64	41	61	43(90)	45	45	59	59	41	64	43	61(270)
98.4	5.7	60	60	44	44	63	58	46	42(11)	66	39	62	42
		66	39	62	42(90)	44	44	60	60	39	66	42	62(270)
105.0	5.1	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)
111.5	4.6	62	62	42	42	67	55	47	38(22)	69	35	64	39
		68	35	65	40(95)	42	42	62	62	34	67	40	65(264)
118.1	4.2	63	63	41	41	70	54	48	36(26)	70	34	65	38
		68	32	67	39(98)	41	41	62	62	32	68	39	67(261)
124.7	4.0	64	64	39	39	73	52	49	33(30)	72	31	67	36
		70	29	69	38(101)	39	39	64	64	29	69	39	69(258)
131.2	3.5	65	65	38	38	74	51	49	32(32)	74	30	68	35
		70	27	71	38(103)	39	39	64	64	27	70	38	71(256)
137.8	3.1	65	65	38	38	76	50	49	30(33)	75	28	69	34
		71	26	72	37(104)	38	38	65	65	26	70	38	72(255)
144.4	2.9	66	66	36	36	78	49	50	28(35)	76	26	70	32
		71	23	74	37(106)	37	37	66	66	23	71	37	74(253)
150.9	2.6	67	67	35	35	80	48	51	26(37)	78	25	71	31
		72	21	75	37(108)	35	35	67	67	21	71	37	76(251)
157.5	2.4	68	68	34	34	82	47	51	24(38)	80	23	73	30
		73	19	77	36(109)	34	34	68	68	19	72	37	77(250)
164.0	2.2	69	69	33	33	84	46	52	23(39)	81	21	74	28
		73	17	78	36(110)	34	34	69	69	17	73	36	78(249)

 HA= 70.2 HI=108.3 GGW= 68.6 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 = 82.3 ft Length of jib = 108.3 ft
 Main boom sequence = 0-0-0-0-45-90 % LK = 20
 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	
32.8	15.9	49	49	61	61	42	61	50	65(59)	44	66	46	63
		50	68	43	57(128)	62	62	47	47	68	50	57	43(232)
39.4	14.8	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)
45.9	13.7	53	53	55	55	51	56	53	56(59)	52	58	51	56
		53	58	51	54(128)	56	56	52	52	58	53	54	51(232)
52.5	12.8	55	55	53	53	55	54	54	53(59)	55	53	54	53
		55	53	54	53(127)	54	54	54	54	53	55	53	54(232)
59.1	11.9	57	57	51	51	59	52	55	49(59)	58	50	56	50
		56	49	58	52(128)	52	52	56	56	49	56	52	58(232)
65.6	11.0	58	58	49	49	62	50	56	46(59)	61	46	59	47
		57	45	60	51(128)	49	49	58	58	45	57	51	60(232)
72.2	10.1	60	60	47	47	65	48	56	43(59)	64	43	61	45
		64	43	61	45(90)	48	48	59	59	43	64	45	61(270)
78.7	9.3	61	61	45	45	62	59	47	44(7)	66	41	62	43
		66	41	62	43(90)	46	46	60	60	41	66	43	62(270)
85.3	8.6	62	62	44	44	66	57	48	40(18)	68	38	64	41
		68	38	64	41(91)	44	44	62	62	38	68	41	64(268)
91.9	7.9	63	63	42	42	69	55	48	37(24)	70	35	66	39
		69	35	67	40(96)	43	43	63	63	34	69	41	67(263)
98.4	7.3	64	64	41	41	72	54	49	35(28)	72	33	67	37
		70	32	69	40(100)	41	41	64	64	31	70	40	69(259)
105.0	6.6	65	65	39	39	74	52	50	33(31)	74	31	68	36
		71	29	71	39(102)	40	40	65	65	29	70	39	71(257)
111.5	6.0	66	66	38	38	76	51	50	31(33)	75	30	69	35
		71	27	72	38(104)	39	39	65	65	27	71	39	72(255)
118.1	5.7	67	67	37	37	80	50	51	28(36)	78	27	71	32
		72	23	75	38(107)	37	37	67	67	23	72	38	75(252)
124.7	5.3	68	68	35	35	82	48	52	26(38)	80	25	73	31
		73	21	77	37(108)	36	36	68	68	21	73	37	77(251)
131.2	4.9	69	69	34	34	84	47	52	24(39)	81	23	74	30
		74	19	78	36(109)	35	35	69	69	19	73	37	78(250)
137.8	4.4	70	70	33	33	86	46	53	23(40)	82	21	75	28
		74	17	80	36(110)	34	34	70	70	17	74	36	80(249)
144.4	4.2	71	71	32	32	88	45	53	20(41)	85	19	77	26
		75	14	82	35(111)	32	32	71	71	14	75	36	82(248)
150.9	4.0	73	73	31	31	90	45	53	18(40)	87	17	78	25
		76	11	84	35(112)	31	31	72	72	11	76	35	84(247)
157.5	3.7	74	74	29	29	93	44	53	16(41)	89	15	80	23
		80	9	85	32(109)	30	30	73	73	9	79	32	86(250)
164.0	3.5	75	75	28	28	95	43	53	14(41)	91	13	81	22
		81	7	87	31(109)	28	28	75	75	7	80	32	87(250)

HA= 82.3 HI=108.3 GGW= 68.6 SL= 0.0 MAX(A,B,C,D)= 8.8 7.5 8.1 8.1

Main boom and fixed jib (jib angle 0.0 degrees)
Length of main boom = 84.0 ft Length of jib = 108.3 ft
Main boom sequence = 0-0-0-0-45-100 % LK = 21
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		
32.8	15.7	49	49	61	61	42	61	50	65	(59)	44	66	45	63
		50	68	43	57(128)	62	62	47	47		68	50	57	43(232)
39.4	14.6	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)
45.9	13.4	53	53	56	56	51	56	52	57	(59)	51	58	51	56
		53	58	50	54(128)	56	56	52	52		58	53	54	50(232)
52.5	12.3	54	54	53	53	54	54	53	53	(59)	54	54	54	53
		54	54	54	53(127)	54	54	54	54		54	54	53	54(232)
59.1	11.2	56	56	51	51	58	52	54	50	(59)	57	51	56	51
		55	50	56	52(128)	52	52	55	55		50	55	52	56(232)
65.6	10.1	57	57	49	49	60	50	55	47	(59)	59	48	57	49
		56	47	58	52(128)	50	50	56	56		47	56	52	58(232)
72.2	9.0	58	58	48	48	62	49	55	45	(59)	61	45	59	47
		56	44	60	51(128)	49	49	57	57		44	56	51	60(232)
78.7	7.9	58	58	47	47	64	48	56	43	(59)	62	43	60	45
		62	43	60	45(90)	47	47	58	58		43	62	45	60(270)
85.3	7.5	60	60	45	45	61	59	46	44	(5)	65	41	62	43
		65	41	62	43(90)	45	45	60	60		41	65	43	62(270)
91.9	6.8	61	61	44	44	65	57	47	41	(15)	67	38	63	41
		67	38	63	41(90)	44	44	61	61		38	67	41	63(270)
98.4	6.2	62	62	42	42	67	56	47	39	(21)	69	36	64	40
		68	35	65	40(94)	43	43	62	62		35	68	41	65(265)
105.0	5.7	63	63	41	41	70	54	48	36	(26)	71	34	66	38
		69	32	67	39(98)	41	41	63	63		32	69	40	67(261)
111.5	5.1	64	64	40	40	72	53	49	34	(29)	72	32	67	37
		70	30	69	39(100)	40	40	63	63		30	69	39	69(259)
118.1	4.6	65	65	39	39	74	51	49	32	(32)	74	30	68	35
		70	28	71	38(103)	39	39	65	65		28	70	39	71(256)
124.7	4.4	66	66	37	37	78	50	50	29	(35)	76	28	70	33
		71	25	73	37(105)	37	37	66	66		25	71	38	73(254)
131.2	4.0	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)
137.8	3.5	68	68	35	35	81	48	51	26	(37)	79	25	72	31
		72	21	76	37(108)	35	35	67	67		21	72	37	76(251)
144.4	3.3	69	69	34	34	83	47	52	24	(39)	81	22	74	29
		73	19	78	36(109)	34	34	69	69		18	73	36	78(250)
150.9	3.1	70	70	33	33	86	46	52	22	(40)	83	21	75	28
		74	16	80	36(111)	33	33	70	70		16	73	36	80(248)
157.5	2.9	71	71	32	32	88	45	53	20	(41)	84	19	76	26
		75	13	82	35(112)	32	32	71	71		13	74	36	82(247)
164.0	2.6	72	72	31	31	90	45	52	18	(40)	86	17	78	25
		76	11	83	34(112)	31	31	72	72		11	75	35	84(247)
177.2	2.2	74	74	29	29	93	43	53	15	(41)	89	13	80	22
		80	8	86	31(109)	29	29	73	73		8	79	32	86(250)

HA= 84.0 HI=108.3 GGW= 68.6 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 = 96.5 ft Length of jib = 108.3 ft
Main boom sequence = 0-0-0-0-90-90 % LK = 28
Counterweight = 68.6 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	A	B	C	D		
39.4	14.1	50	50	58	58	47	59	51	60	(59)	48	62	49	59			
		52	63	47	55	(128)	59	59	50	50	63	52	55	47	(232)		
45.9	13.2	53	53	55	55	51	56	52	56	(59)	52	57	51	56			
		53	58	51	54	(128)	56	56	52	52	58	53	54	51	(232)		
52.5	12.3	55	55	53	53	55	54	54	52	(59)	55	53	54	53			
		55	53	54	53	(127)	54	54	54	54	53	55	53	54	(232)		
59.1	11.5	56	56	50	50	59	52	55	49	(59)	58	50	56	50			
		56	49	57	52	(128)	51	51	56	56	49	56	52	57	(232)		
65.6	10.8	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)		
72.2	10.1	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)		
78.7	9.5	62	62	44	44	65	58	47	42	(14)	67	39	63	42			
		67	39	63	42	(90)	45	45	61	61	39	67	42	63	(270)		
85.3	8.8	63	63	43	43	69	56	48	38	(23)	70	36	65	40			
		69	35	66	41	(95)	43	43	63	63	35	69	41	66	(264)		
91.9	8.2	64	64	41	41	72	54	49	35	(28)	72	34	67	38			
		70	32	69	40	(99)	41	41	64	64	32	70	40	69	(260)		
98.4	7.7	66	66	39	39	76	52	50	32	(32)	75	31	69	35			
		71	28	72	39	(103)	40	40	65	65	28	71	39	72	(256)		
105.0	7.1	67	67	38	38	78	51	50	30	(34)	77	29	71	34			
		72	26	74	38	(105)	38	38	67	67	26	72	39	74	(254)		
111.5	6.6	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)		
118.1	6.0	69	69	35	35	83	48	52	26	(38)	80	24	73	31			
		73	21	78	37	(109)	36	36	69	69	20	73	38	78	(250)		
124.7	5.5	70	70	34	34	85	47	52	24	(39)	82	22	75	29			
		74	18	79	37	(110)	34	34	70	70	18	74	37	80	(249)		
131.2	5.3	72	72	32	32	88	45	54	21	(41)	85	19	77	27			
		76	15	82	35	(111)	33	33	71	71	15	75	36	82	(248)		
137.8	4.9	73	73	31	31	90	46	52	19	(39)	86	18	78	26			
		76	13	84	35	(112)	32	32	72	72	12	76	35	84	(247)		
144.4	4.6	74	74	30	30	92	45	53	17	(40)	89	15	80	24			
		77	9	86	34	(113)	30	30	74	74	9	77	35	86	(246)		
150.9	4.2	75	75	29	29	94	44	54	15	(41)	90	14	81	22			
		80	8	86	32	(109)	29	29	74	74	8	80	32	87	(250)		
157.5	4.0	76	76	28	28	97	43	54	13	(42)	92	11	82	21			
		81	6	89	31	(110)	28	28	75	75	6	81	31	89	(249)		
164.0	3.7	77	77	26	26	99	41	55	11	(43)	94	9	84	19			
		82	3	91	30	(111)	26	26	77	77	3	82	31	91	(248)		
177.2	3.1	78	78	24	24	102	40	55	8	(43)	97	6	86	17			
		84	0	93	29	(111)	25	25	78	78	0	83	29	93	(248)		

HA= 96.5 HI=108.3 GGW= 68.6 SL= 0.0 MAX(A,B,C,D)= 9.5 7.7 8.6 8.7

Main boom and fixed jib (jib angle 0.0 degrees)
Length of main boom = 100.4 ft Length of jib = 108.3 ft
Main boom sequence = 0-0-0-0-100-100 % LK = 29
Counterweight = 68.6 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
39.4	13.7	50	50	58	58	46	59	51	61(59)	47	62	48	59
		51	63	47	55(128)	59	59	49	49	63	51	55	47(232)
45.9	12.8	52	52	56	56	50	56	52	57(59)	51	58	51	56
		53	58	50	54(128)	56	56	51	51	58	53	54	50(232)
52.5	11.9	54	54	53	53	54	54	53	53(59)	54	54	54	53
		54	54	54	53(127)	54	54	54	54	54	54	53	54(232)
59.1	11.0	56	56	51	51	58	52	54	50(59)	58	50	56	50
		55	50	57	52(128)	52	52	55	55	50	55	52	57(232)
65.6	10.1	58	58	49	49	61	50	55	47(59)	60	47	58	48
		56	46	59	51(128)	50	50	57	57	46	56	51	59(232)
72.2	9.5	59	59	47	47	65	48	56	43(59)	63	43	60	45
		63	43	60	45(90)	47	47	59	59	43	63	45	60(270)
78.7	8.6	60	60	45	45	62	59	46	45(5)	65	41	62	43
		65	41	62	43(90)	46	46	60	60	41	65	43	62(270)
85.3	7.7	61	61	44	44	65	57	47	41(15)	67	39	63	41
		67	39	63	41(90)	45	45	61	61	39	67	41	63(270)
91.9	7.1	62	62	42	42	68	56	48	38(22)	69	36	65	40
		68	36	65	40(94)	43	43	62	62	35	68	41	65(265)
98.4	6.6	64	64	41	41	71	54	49	35(27)	72	34	67	37
		70	32	68	39(99)	41	41	63	63	32	69	40	68(260)
105.0	6.2	65	65	39	39	75	52	49	33(31)	74	31	68	36
		71	29	71	39(103)	40	40	65	65	28	70	39	71(256)
111.5	5.5	66	66	38	38	76	51	50	31(33)	75	29	69	34
		71	27	72	38(104)	39	39	65	65	26	71	38	72(255)
118.1	5.1	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)
124.7	4.6	68	68	36	36	81	49	51	26(37)	79	25	72	31
		73	21	76	37(108)	36	36	68	68	21	72	37	76(251)
131.2	4.2	69	69	35	35	83	48	52	25(38)	80	23	73	30
		73	19	78	37(109)	35	35	69	69	19	73	37	78(250)
137.8	4.0	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)
144.4	3.7	71	71	32	32	88	45	53	20(41)	85	19	77	26
		75	13	82	35(112)	32	32	71	71	13	75	36	82(247)
150.9	3.5	73	73	30	30	91	45	53	18(40)	87	16	78	24
		76	11	84	35(113)	31	31	73	73	11	75	35	85(246)
157.5	3.1	73	73	30	30	91	45	52	17(40)	88	15	79	24
		77	9	85	34(113)	30	30	73	73	9	76	35	86(246)
164.0	2.9	74	74	28	28	94	43	53	15(41)	90	13	80	22
		80	8	86	31(109)	29	29	74	74	7	80	32	87(250)
177.2	2.4	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=100.4 HI=108.3 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 = 110.2 ft Length of jib = 108.3 ft
Main boom sequence = 0-0-0-45-90-90 % LK = 36
Counterweight = 68.6 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	A	B	C	D		
39.4	13.7	51	51	58	58	47	58	51	60(59)	48	61	49	59				
		52	62	47	55(128)	58	58	50	50	62	52	55	47(232)				
45.9	12.8	53	53	55	55	52	56	53	56(59)	52	57	52	55				
		53	57	51	54(128)	56	56	52	52	57	53	54	51(232)				
52.5	12.1	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)				
59.1	11.5	57	57	50	50	61	51	55	48(59)	60	48	58	49				
		56	47	59	52(128)	50	50	57	57	47	56	52	59(232)				
65.6	10.8	59	59	47	47	65	49	56	44(59)	63	44	60	46				
		63	44	60	46(90)	48	48	59	59	44	63	46	60(270)				
72.2	10.1	61	61	45	45	63	59	47	44(8)	66	41	63	43				
		66	41	63	43(90)	46	46	60	60	41	66	43	63(270)				
78.7	9.7	63	63	43	43	69	56	49	39(22)	70	37	65	40				
		69	36	66	41(94)	44	44	63	63	36	69	41	66(265)				
85.3	9.0	65	65	41	41	73	54	49	35(28)	73	34	67	38				
		70	32	69	40(100)	42	42	64	64	32	70	40	69(259)				
91.9	8.4	66	66	39	39	76	52	50	33(32)	75	31	69	36				
		71	29	72	39(103)	40	40	65	65	29	71	39	72(256)				
98.4	7.9	68	68	37	37	79	51	51	29(35)	78	28	71	33				
		73	25	75	38(106)	38	38	67	67	25	73	39	75(253)				
105.0	7.5	69	69	36	36	83	49	52	26(38)	81	25	73	31				
		74	21	78	37(108)	36	36	69	69	21	74	38	78(251)				
111.5	7.1	71	71	34	34	86	47	53	23(40)	83	22	75	29				
		75	18	80	37(110)	35	35	70	70	18	75	37	80(249)				
118.1	6.4	72	72	33	33	88	46	54	22(41)	85	20	77	28				
		76	16	82	36(111)	33	33	71	71	15	75	37	82(248)				
124.7	6.0	73	73	32	32	91	45	54	19(42)	87	18	78	26				
		77	13	84	35(112)	32	32	72	72	13	76	36	84(247)				
131.2	5.5	74	74	30	30	92	45	53	17(40)	89	16	80	24				
		77	10	86	35(113)	31	31	74	74	10	77	35	86(246)				
137.8	5.1	75	75	29	29	94	44	54	15(41)	90	14	81	22				
		81	8	87	32(109)	29	29	75	75	8	80	32	87(250)				
144.4	4.9	77	77	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)				
150.9	4.6	78	78	26	26	101	41	55	10(43)	95	8	85	19				
		83	2	92	30(111)	26	26	78	78	2	83	31	92(248)				
157.5	4.0	78	78	25	25	101	41	55	10(43)	96	8	85	18				
		83	2	92	30(111)	26	26	78	78	1	83	30	92(248)				
164.0	3.3	78	78	25	25	101	41	55	9(43)	95	8	85	18				
		83	1	92	30(111)	26	26	77	77	1	82	30	92(248)				
177.2	2.2	78	78	25	25	101	40	55	9(43)	95	7	85	17				
		83	0	92	29(111)	25	25	77	77	0	82	30	92(248)				

HA=110.2 HI=108.3 GGW= 68.6 SL= 0.0 MAX(A,B,C,D)= 9.4 7.7 8.6 8.6

Main boom and fixed jib (jib angle 0.0 degrees)
Length of main boom = 114.5 ft Length of jib = 108.3 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	
45.9	12.6	53	53	55	55	51	56	52	56(59)	52	57	51	55
		53	57	51	54(128)	56	56	52	52	57	53	54	51(232)
52.5	11.7	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)
59.1	11.0	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)
65.6	10.4	59	59	48	48	64	49	56	45(59)	62	45	60	46
		57	44	61	51(128)	49	49	58	58	44	57	51	61(232)
72.2	9.5	60	60	46	46	67	47	57	42(59)	65	42	62	44
		65	42	62	44(90)	47	47	60	60	42	65	44	62(270)
78.7	8.8	62	62	44	44	65	58	47	41(16)	68	39	64	42
		68	39	64	42(90)	45	45	61	61	39	68	42	64(270)
85.3	8.2	63	63	42	42	69	55	49	38(24)	70	36	65	39
		69	35	67	41(96)	43	43	63	63	35	69	41	67(263)
91.9	7.5	65	65	41	41	73	54	49	35(29)	73	33	67	37
		70	31	69	39(100)	41	41	64	64	31	70	40	69(259)
98.4	6.8	66	66	39	39	75	52	50	32(32)	75	31	69	35
		71	28	71	39(103)	40	40	65	65	28	71	39	71(256)
105.0	6.4	67	67	37	37	78	50	51	29(35)	77	28	71	33
		72	25	74	38(106)	38	38	67	67	25	72	38	74(253)
111.5	6.0	68	68	36	36	81	49	52	27(37)	79	25	73	32
		73	22	77	37(108)	36	36	68	68	22	73	38	77(251)
118.1	5.5	70	70	34	34	84	47	52	24(39)	82	23	74	30
		74	19	79	36(109)	35	35	69	69	19	74	37	79(250)
124.7	5.1	71	71	33	33	86	46	53	22(40)	83	21	76	28
		75	16	81	36(111)	34	34	70	70	16	74	37	81(248)
131.2	4.6	72	72	32	32	89	45	53	20(41)	85	19	77	26
		75	14	82	36(112)	32	32	71	71	14	75	36	83(247)
137.8	4.2	73	73	31	31	90	45	53	19(40)	87	17	78	25
		77	12	84	35(112)	31	31	72	72	12	76	35	84(247)
144.4	4.0	74	74	29	29	93	44	53	16(41)	89	14	80	23
		80	9	86	32(109)	30	30	74	74	9	79	32	86(250)
150.9	3.7	75	75	28	28	96	43	54	14(42)	91	12	82	21
		81	6	88	31(110)	28	28	75	75	6	80	32	88(249)
157.5	3.5	77	77	26	26	98	42	54	11(42)	94	9	84	19
		83	4	90	30(110)	27	27	77	77	3	82	30	90(249)
164.0	3.3	78	78	25	25	101	41	55	9(43)	96	7	85	18
		84	1	92	29(111)	25	25	78	78	1	83	30	93(248)
177.2	2.2	78	78	24	24	101	40	55	8(43)	96	7	85	17
		83	0	93	29(111)	25	25	78	78	0	83	29	93(248)

HA=114.5 HI=108.3 GGW= 68.6 SL= 0.0 MAX(A,B,C,D)= 9.4 7.7 8.6 8.6

Main boom and fixed jib (jib angle 0.0 degrees)
Length of main boom = 124.3 ft Length of jib = 108.3 ft
Main boom sequence = 0-0-0-90-90-90 % LK = 45
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

	4(...)				5(180)				6(...)				
	A	B	C	D	A	B	C	D	A	B	C	D	
45.9	12.1	53	53	55	55	51	56	52	56(59)	52	56	52	55
		53	57	51	54(128)	56	56	52	52	57	53	54	51(232)
52.5	11.7	55	55	52	52	57	53	54	51(59)	56	52	55	52
		55	52	55	53(127)	53	53	54	54	52	55	53	55(232)
59.1	11.0	58	58	49	49	61	50	55	47(59)	60	48	58	49
		56	47	59	52(128)	50	50	57	57	47	56	52	59(232)
65.6	10.4	60	60	47	47	65	48	56	43(59)	63	44	60	45
		63	44	60	45(90)	48	48	59	59	44	63	45	60(270)
72.2	9.9	62	62	45	45	65	58	47	43(13)	67	40	63	42
		67	40	63	42(90)	45	45	61	61	40	67	42	63(270)
78.7	9.5	64	64	42	42	70	56	49	38(24)	71	36	66	39
		70	35	67	41(96)	43	43	63	63	35	69	41	67(263)
85.3	9.0	66	66	40	40	75	53	50	34(31)	74	32	69	37
		71	30	71	40(102)	41	41	65	65	30	71	40	71(257)
91.9	8.4	67	67	38	38	78	52	51	31(34)	77	29	71	34
		72	26	74	39(105)	39	39	67	67	26	72	39	74(254)
98.4	7.9	69	69	36	36	82	50	52	27(37)	80	26	73	32
		74	22	77	38(108)	37	37	68	68	22	73	38	77(251)
105.0	7.5	71	71	35	35	86	48	53	24(39)	83	23	75	30
		75	19	80	37(110)	35	35	70	70	19	74	37	80(249)
111.5	7.1	72	72	33	33	89	46	54	21(41)	85	20	77	27
		76	15	82	36(111)	33	33	72	72	15	76	36	82(248)
118.1	6.6	74	74	31	31	91	46	53	19(40)	88	17	79	25
		77	12	85	35(113)	32	32	73	73	12	76	36	85(246)
124.7	6.4	75	75	29	29	95	45	54	16(41)	91	14	81	23
		81	9	87	32(109)	30	30	75	75	9	81	32	88(250)
131.2	6.0	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)
137.8	5.5	78	78	26	26	100	42	56	11(43)	95	9	84	19
		83	3	91	30(111)	27	27	77	77	3	82	31	92(248)
144.4	4.9	78	78	26	26	101	41	55	10(43)	96	8	85	18
		84	2	92	30(111)	26	26	78	78	2	83	31	92(248)
150.9	4.2	78	78	25	25	101	41	55	9(43)	96	7	86	18
		84	1	93	30(111)	25	25	78	78	1	83	30	93(248)
157.5	3.5	78	78	25	25	102	41	55	9(43)	97	7	86	17
		84	0	93	29(111)	25	25	78	78	0	83	30	93(248)
164.0	2.9	78	78	24	24	102	40	55	8(43)	96	7	86	17
		84	0	93	29(111)	25	25	78	78	0	83	29	93(248)

HA=124.3 HI=108.3 GGW= 68.6 SL= 0.0 MAX(A,B,C,D)= 9.4 7.7 8.6 8.7

Main boom and fixed jib (jib angle 0.0 degrees)
Length of main boom = 130.9 ft Length of jib = 108.3 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)	4(...)									
	A	B	C	D	A	B	C	D					
52.5	10.8	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)

59.1	10.6	57	57	50	50	60	51	55	48(59)	59	48	57	49
		56	47	58	52(128)	50	50	56	56	47	56	52	58(232)
65.6	9.9	59	59	47	47	64	49	56	44(59)	63	44	60	46
		63	44	60	46(90)	48	48	58	58	44	63	46	60(270)
72.2	9.5	61	61	45	45	63	59	47	43(10)	67	40	63	43
		67	40	63	43(90)	46	46	61	61	40	67	43	63(270)
78.7	8.8	63	63	43	43	68	56	48	39(21)	69	37	65	40
		69	36	66	41(94)	43	43	62	62	36	69	41	66(265)
85.3	8.2	64	64	41	41	72	54	49	35(28)	72	34	67	38
		70	32	69	40(99)	42	42	64	64	32	70	40	69(260)
91.9	7.7	66	66	39	39	76	52	50	32(33)	75	30	69	35
		71	28	72	39(104)	40	40	66	66	28	71	39	72(255)
98.4	7.1	67	67	37	37	79	50	51	29(35)	77	28	71	33
		73	25	75	38(106)	38	38	67	67	25	72	39	75(253)
105.0	6.4	69	69	36	36	82	49	52	27(37)	79	26	73	32
		73	22	77	37(108)	37	37	68	68	22	73	38	77(251)
111.5	6.0	70	70	34	34	85	47	52	24(39)	82	23	75	30
		74	19	79	37(110)	35	35	69	69	19	74	37	79(249)
118.1	5.7	72	72	32	32	88	46	54	21(41)	85	20	77	27
		76	15	82	36(111)	33	33	71	71	15	75	36	82(248)
124.7	5.3	73	73	31	31	91	46	53	19(40)	87	17	78	25
		77	12	84	35(112)	31	31	73	73	12	76	35	84(247)
131.2	4.9	74	74	30	30	93	44	54	17(41)	89	15	80	24
		78	9	86	34(113)	30	30	74	74	9	77	35	86(246)
137.8	4.6	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)
144.4	4.2	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)
150.9	4.0	78	78	25	25	101	41	55	9(43)	96	8	85	18
		84	1	92	30(111)	26	26	78	78	1	83	30	93(248)
157.5	3.3	78	78	25	25	101	41	55	9(43)	96	7	85	17
		84	0	93	29(111)	25	25	78	78	0	83	30	93(248)
164.0	2.6	78	78	25	25	101	40	55	9(43)	96	7	85	17
		84	0	93	29(111)	25	25	78	78	0	83	30	93(248)

 HA=130.9 HI=108.3 GGW= 68.6 SL= 0.0 MAX(A,B,C,D)= 9.4 7.7 8.6 8.6

Main boom and fixed jib (jib angle 0.0 degrees)
 Length of main boom = 138.1 ft Length of jib = 108.3 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)		6(...)						
	A	B	C	D	A	B	C	D	A	B	C	D	
52.5	11.2	56	56	51	51	57	52	54	50(59)	57	51	55	51
		55	50	56	52(128)	52	52	55	55	50	55	52	56(232)
59.1	10.8	58	58	49	49	62	50	56	46(59)	61	46	59	47
		57	45	60	51(128)	49	49	58	58	45	57	51	60(232)
65.6	10.4	61	61	46	46	61	60	46	46(1)	65	42	62	44
		65	42	62	44(90)	47	47	60	60	42	65	44	62(270)
72.2	9.7	63	63	44	44	67	57	48	41(18)	69	38	64	41
		69	38	65	41(91)	44	44	62	62	38	68	41	65(268)

78.7	9.3	65	65	41	41	72	54	50	36(28)	73	34	67	38
		71	33	69	40(99)	42	42	64	64	33	70	40	69(260)
85.3	8.8	67	67	39	39	77	52	51	32(33)	76	30	70	35
		72	28	73	39(104)	40	40	66	66	28	72	39	73(255)
91.9	8.4	69	69	37	37	81	50	52	28(37)	79	27	73	32
		74	23	76	38(107)	37	37	68	68	23	73	38	77(252)
98.4	7.9	71	71	35	35	85	48	53	24(39)	83	23	75	30
		75	19	80	37(110)	35	35	70	70	19	74	38	80(249)
105.0	7.7	73	73	32	32	90	45	55	21(42)	86	19	78	27
		77	15	84	36(112)	33	33	72	72	14	76	37	84(247)
111.5	7.3	75	75	31	31	93	46	54	18(40)	89	16	80	24
		78	11	86	35(113)	31	31	74	74	11	77	36	86(246)
118.1	6.8	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)
124.7	6.6	78	78	27	27	100	42	56	11(43)	95	10	85	20
		83	4	92	31(111)	27	27	78	78	4	83	32	92(248)
131.2	6.0	79	79	26	26	102	41	56	10(43)	97	8	86	18
		84	2	93	30(111)	26	26	78	78	1	84	31	93(248)
137.8	4.9	78	78	26	26	101	41	55	10(43)	96	8	85	18
		84	2	92	30(111)	26	26	78	78	2	83	31	92(248)
144.4	4.0	78	78	26	26	101	41	55	10(43)	96	8	85	18
		83	2	92	30(111)	26	26	78	78	1	83	30	92(248)
150.9	3.3	78	78	25	25	101	41	55	9(43)	96	7	85	17
		84	1	93	29(111)	25	25	78	78	0	83	30	93(248)
157.5	2.6	78	78	24	24	102	40	55	8(43)	96	7	86	17
		84	0	93	29(111)	25	25	78	78	0	83	29	93(248)

 HA=138.1 HI=108.3 GGW= 68.6 SL= 0.0 MAX(A,B,C,D)= 9.5 7.8 8.6 8.7

Main boom and fixed jib (jib angle 0.0 degrees)

Length of main boom = 145.0 ft Length of jib = 108.3 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)		6(...)						
	A	B	C	D	A	B	C	D					
52.5	10.4	55	55	52	52	56	53	54	51(59)	56	52	54	52
		54	52	55	52(127)	53	53	54	54	52	54	52	55(232)
59.1	10.1	58	58	49	49	61	50	55	47(59)	60	47	58	48
		56	46	59	51(128)	50	50	57	57	46	56	51	59(232)
65.6	9.7	60	60	47	47	66	48	56	43(59)	64	43	61	45
		64	43	61	45(90)	47	47	59	59	43	64	45	61(270)
72.2	9.3	62	62	44	44	66	58	47	41(16)	68	39	64	42
		68	39	64	42(90)	45	45	62	62	39	68	42	64(270)
78.7	8.8	64	64	42	42	71	55	49	37(26)	72	35	67	39
		70	34	68	40(98)	42	42	63	63	33	70	41	68(261)
85.3	8.4	66	66	39	39	76	52	50	33(32)	75	31	69	36
		72	29	72	39(103)	40	40	66	66	29	71	39	72(256)
91.9	7.7	68	68	38	38	79	51	51	29(35)	78	28	71	34
		73	25	75	38(106)	38	38	67	67	25	72	39	75(253)
98.4	7.3	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)

105.0	6.8	71	71	34	34	87	47	53	23(40)	84	22	76	28
		75	17	81	37(111)	34	34	71	71	17	75	37	81(248)
111.5	6.2	72	72	32	32	89	46	54	21(41)	86	19	77	27
		76	14	83	36(112)	33	33	72	72	14	75	36	83(247)
118.1	5.7	74	74	31	31	92	46	53	18(40)	88	17	79	25
		77	11	85	35(113)	31	31	73	73	11	77	36	86(246)
124.7	5.5	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)
131.2	5.1	77	77	27	27	98	43	55	12(42)	93	11	83	20
		83	5	90	31(110)	28	28	77	77	5	82	31	90(249)
137.8	4.6	78	78	26	26	101	41	55	10(43)	95	9	85	19
		83	2	92	30(111)	26	26	78	78	2	83	31	92(248)
144.4	4.0	78	78	25	25	101	41	55	9(43)	96	7	86	18
		84	1	93	29(111)	25	25	78	78	1	83	30	93(248)
150.9	3.1	78	78	25	25	101	41	55	9(43)	96	7	85	18
		83	1	92	29(111)	25	25	78	78	1	83	30	92(248)
157.5	2.4	78	78	25	25	101	40	55	9(43)	96	7	85	17
		84	0	92	29(111)	25	25	78	78	0	83	30	93(248)

 HA=145.0 HI=108.3 GGW= 68.6 SL= 0.0 MAX(A,B,C,D)= 9.4 7.7 8.6 8.6

Main boom and fixed jib (jib angle 0.0 degrees)
 Length of main boom = 152.2 ft Length of jib = 108.3 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	10.4	55	55	51	51	57	52	54	50(59)	57	51	55	51
		55	50	56	52(128)	52	52	55	55	50	55	52	56(232)
59.1	10.1	58	58	48	48	63	49	56	45(59)	61	46	59	47
		57	45	60	51(128)	49	49	58	58	45	57	51	60(232)
65.6	9.9	61	61	45	45	62	60	47	45(6)	66	41	62	43
		66	41	62	43(90)	46	46	60	60	41	66	43	62(270)
72.2	9.5	63	63	43	43	69	56	48	39(22)	70	37	65	40
		69	36	66	41(94)	43	43	63	63	36	69	41	66(265)
78.7	9.0	65	65	40	40	74	54	50	34(30)	74	33	68	37
		71	31	70	40(101)	41	41	65	65	31	71	40	71(258)
85.3	8.6	68	68	38	38	79	51	51	30(35)	78	29	71	34
		73	26	75	39(106)	39	39	67	67	26	72	39	75(253)
91.9	8.2	70	70	36	36	83	49	52	26(38)	81	25	74	31
		74	21	78	38(109)	36	36	69	69	21	74	38	78(250)
98.4	7.9	72	72	33	33	88	46	54	22(41)	85	21	77	28
		76	16	82	36(111)	34	34	71	71	16	76	37	82(248)
105.0	7.5	74	74	31	31	92	46	54	19(40)	88	17	79	25
		77	12	85	36(113)	32	32	73	73	12	77	36	86(246)
111.5	7.3	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)
118.1	6.8	78	78	27	27	100	43	55	12(42)	95	11	84	20
		84	4	91	31(110)	28	28	77	77	4	83	31	91(249)
124.7	5.7	78	78	27	27	100	42	56	11(43)	95	10	84	20
		83	4	91	31(111)	27	27	77	77	4	82	31	91(248)

131.2	4.6	77	77	26	26	99	42	55	11(42)	94	10	84	19
	83	4	91	30(110)		27	27	77	77	4	82	31	91(249)
137.8	4.0	78	78	26	26	101	41	55	10(43)	95	8	85	18
	83	2	92	30(111)		26	26	77	77	2	82	30	92(248)
144.4	3.1	78	78	25	25	100	41	55	10(43)	95	8	85	18
	83	2	92	30(111)		26	26	77	77	2	82	30	92(248)
150.9	2.4	78	78	25	25	101	41	55	9(43)	96	7	85	18
	83	1	92	29(111)		25	25	78	78	1	82	30	92(248)

 HA=152.2 HI=108.3 GGW= 68.6 SL= 0.0 MAX(A,B,C,D)= 9.4 7.7 8.6 8.6

Main boom and fixed jib (jib angle 0.0 degrees)

Length of main boom = 161.4 ft Length of jib = 108.3 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(...)						
	A	B	C	D	A	B	C	D					
59.1	8.8	57	57	49	49	60	50	55	47(59)	59	47	57	48
		56	47	58	51(128)	50	50	56	56	47	56	51	58(232)
65.6	8.8	60	60	46	46	66	47	56	42(59)	64	43	61	45
		64	43	61	45(90)	47	47	59	59	43	64	45	61(270)
72.2	8.6	62	62	43	43	67	57	48	40(18)	68	38	64	41
		68	38	64	41(91)	44	44	62	62	38	68	41	65(268)
78.7	8.4	65	65	41	41	73	54	49	35(28)	73	34	67	38
		70	32	69	40(100)	41	41	64	64	32	70	40	69(259)
85.3	8.2	67	67	38	38	78	52	51	31(34)	77	29	71	34
		72	26	74	39(105)	39	39	67	67	26	72	39	74(254)
91.9	7.7	69	69	36	36	83	49	52	27(38)	80	26	73	32
		74	22	77	37(108)	37	37	69	69	22	74	38	77(251)
98.4	7.3	71	71	34	34	87	47	53	23(40)	84	22	76	29
		75	18	81	37(110)	34	34	71	71	17	75	37	81(249)
105.0	6.8	73	73	32	32	90	45	54	20(42)	87	19	78	26
		77	14	84	36(112)	32	32	73	73	13	76	36	84(247)
111.5	6.4	75	75	30	30	93	45	54	17(41)	90	15	80	24
		78	10	87	35(113)	30	30	74	74	10	77	35	87(246)
118.1	6.0	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)
124.7	5.3	77	77	27	27	99	43	55	12(42)	94	11	84	20
		83	5	90	30(110)	27	27	77	77	4	82	31	90(249)
131.2	4.2	77	77	27	27	98	43	54	12(42)	93	10	83	20
		82	4	90	30(110)	27	27	76	76	4	82	31	90(249)
137.8	3.5	77	77	26	26	99	41	55	11(43)	94	9	84	19
		82	3	91	30(111)	26	26	77	77	3	82	31	91(248)
144.4	2.6	77	77	26	26	99	41	55	11(43)	94	9	84	19
		82	3	91	30(111)	26	26	77	77	2	82	31	91(248)

 HA=161.4 HI=108.3 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 = 166.0 ft Length of jib = 108.3 ft
 Main boom sequence = 0-45-90-90-90-90 % LK = 68

Counterweight = 68.6 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	9.5	58	58	48	48	63	49	56	45	59	62	45	59	46	
		57	44	61	51	128	48	48	58	58	44	57	51	61	232
65.6	9.5	62	62	45	45	65	58	47	42	13	67	40	63	42	
		67	40	63	42	90	45	45	61	61	40	67	42	63	270
72.2	9.3	64	64	42	42	71	55	49	37	26	72	35	67	39	
		70	34	68	40	98	42	42	64	64	33	70	41	68	261
78.7	8.8	67	67	39	39	77	52	51	32	33	76	31	70	35	
		72	28	73	39	104	40	40	66	66	28	72	39	73	255
85.3	8.4	69	69	37	37	82	50	52	28	37	80	26	73	32	
		73	23	77	38	108	37	37	68	68	23	73	39	77	251
91.9	8.2	71	71	34	34	87	47	54	23	40	84	22	76	29	
		76	18	81	37	110	35	35	71	71	18	75	37	81	249
98.4	7.7	73	73	32	32	91	45	55	19	42	88	18	79	26	
		77	13	84	36	112	32	32	73	73	13	77	36	85	247
105.0	7.5	76	76	29	29	96	45	54	16	41	91	14	82	23	
		82	9	88	32	109	30	30	75	75	9	81	32	88	250
111.5	6.4	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
118.1	5.3	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
124.7	4.2	76	76	28	28	97	43	54	13	42	93	11	83	21	
		82	6	89	31	110	28	28	76	76	5	81	31	89	249
131.2	3.3	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
137.8	2.4	76	76	26	26	97	42	54	12	42	93	10	83	20	
		82	4	89	30	110	27	27	76	76	4	81	31	90	249

HA=166.0 HI=108.3 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 0.0 degrees)

Length of main boom = 175.5 ft Length of jib = 108.3 ft

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

Counterweight = 68.6 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	8.2	57	57	49	49	61	49	55	46	59	60	47	58	47	
		56	45	59	51	128	49	49	56	56	45	56	51	59	232
65.6	8.2	60	60	46	46	60	60	46	46	0	65	41	61	44	
		65	41	61	44	90	46	46	59	59	41	65	44	61	270
72.2	8.2	63	63	43	43	68	56	48	39	22	70	37	65	40	
		69	36	66	41	94	43	43	62	62	36	69	41	66	265
78.7	7.9	65	65	40	40	75	53	50	34	31	74	32	69	36	
		71	30	71	39	102	41	41	65	65	30	71	40	71	257
85.3	7.7	68	68	37	37	80	50	52	29	36	78	28	72	33	
		73	24	75	38	107	38	38	67	67	24	73	39	76	252

91.9	7.5	71	71	35	35	85	48	53	24(39)	83	23	75	30
		75	19	80	37(110)	35	35	70	70	19	74	37	80(249)
98.4	7.3	73	73	32	32	91	45	55	20(42)	87	19	78	26
		77	14	84	36(112)	33	33	73	73	14	76	36	84(247)
105.0	6.8	75	75	30	30	94	45	54	17(41)	90	15	81	24
		78	10	87	35(113)	30	30	75	75	9	78	35	87(246)
111.5	6.0	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)
118.1	4.9	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)
124.7	3.7	75	75	28	28	96	43	54	14(42)	91	12	82	21
		81	6	88	31(110)	28	28	75	75	6	80	32	88(249)
131.2	2.9	76	76	27	27	96	42	54	13(42)	92	11	82	21
		81	6	88	31(110)	28	28	75	75	5	81	31	89(249)

HA=175.5 HI=108.3 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 = 180.1 ft Length of jib = 108.3 ft

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

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				
65.6	8.6	62	62	44	44	65	58	47	42(14)	67	39	63	42
		67	39	63	42(90)	45	45	61	61	39	67	42	63(270)
72.2	8.6	65	65	41	41	72	54	49	35(28)	73	34	67	38
		70	32	69	40(99)	42	42	64	64	32	70	40	69(260)
78.7	8.4	67	67	38	38	78	52	51	31(34)	77	29	71	34
		73	26	74	39(105)	39	39	67	67	26	72	39	74(254)
85.3	8.2	70	70	35	35	84	49	52	26(38)	82	24	74	31
		75	21	79	37(109)	36	36	69	69	21	74	38	79(250)
91.9	7.7	72	72	33	33	89	46	54	22(41)	85	21	77	28
		76	16	82	36(111)	34	34	72	72	16	76	37	83(248)
98.4	7.5	75	75	30	30	93	46	54	17(40)	90	16	80	24
		78	10	87	35(113)	31	31	74	74	10	78	36	87(246)
105.0	6.4	75	75	29	29	95	45	54	16(41)	91	14	81	23
		81	9	87	32(109)	30	30	75	75	9	81	32	87(250)
111.5	5.1	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)
118.1	4.0	75	75	28	28	95	44	54	14(41)	91	13	81	22
		81	7	87	31(109)	29	29	75	75	7	81	32	88(250)
124.7	2.9	75	75	28	28	95	43	53	14(41)	91	12	81	21
		81	7	87	31(109)	28	28	75	75	7	80	31	88(250)

HA=180.1 HI=108.3 GGW= 68.6 SL= 0.0 MAX(A,B,C,D)= 8.8 7.5 8.1 8.1

Main boom and fixed jib (jib angle 0.0 degrees)

Length of main boom = 191.9 ft Length of jib = 108.3 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	6.8	59	59	46	46	66	47	56	41(59)	64	41	61	44
		64	41	61	44(90)	46	46	59	59	41	64	44	61(270)
72.2	6.8	62	62	43	43	67	56	48	39(21)	69	37	65	40
		68	36	65	41(93)	43	43	62	62	36	68	41	65(266)
78.7	6.8	65	65	40	40	74	53	50	33(31)	74	32	68	36
		71	30	71	39(102)	40	40	65	65	29	70	39	71(257)
85.3	6.8	68	68	37	37	80	50	51	28(36)	79	27	72	32
		73	23	76	38(107)	37	37	68	68	23	73	38	76(252)
91.9	6.8	71	71	34	34	87	47	53	23(40)	84	22	76	29
		75	17	81	36(110)	34	34	71	71	17	75	37	81(249)
98.4	6.8	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)
105.0	5.7	75	75	30	30	93	45	54	17(41)	90	15	80	24
		78	9	87	35(113)	30	30	74	74	9	77	35	87(246)
111.5	4.4	74	74	29	29	93	44	54	16(41)	90	15	80	23
		80	9	86	32(109)	30	30	74	74	9	80	32	86(250)
118.1	3.3	74	74	29	29	94	44	53	15(41)	90	14	80	22
		80	8	86	32(109)	29	29	74	74	8	80	32	86(250)
124.7	2.2	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)

HA=191.9 HI=108.3 GGW= 68.6 SL= 0.0 MAX(A,B,C,D)= 8.7 7.4 8.0 8.1

Main boom and fixed jib (jib angle 0.0 degrees)
Length of main boom = 193.9 ft Length of jib = 108.3 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(...)						
	A	B	C	D	A	B	C	D		A	B	C	D
65.6	7.5	62	62	44	44	65	58	47	41(15)	67	39	63	41
		67	39	63	41(90)	44	44	61	61	39	67	41	63(270)
72.2	7.5	65	65	41	41	72	54	49	35(28)	73	33	67	37
		70	32	69	40(100)	41	41	64	64	32	70	40	69(259)
78.7	7.5	68	68	38	38	79	51	51	29(35)	78	28	71	34
		73	25	75	38(106)	38	38	67	67	25	72	39	75(253)
85.3	7.5	71	71	34	34	86	47	53	24(40)	83	23	75	30
		75	19	80	37(110)	35	35	70	70	19	75	37	80(249)
91.9	7.3	73	73	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	6.0	74	74	31	31	92	46	53	18(40)	88	17	79	25
		77	11	86	35(113)	31	31	73	73	11	77	36	86(246)
105.0	4.6	74	74	30	30	92	45	53	17(40)	89	15	80	24
		77	10	86	35(113)	30	30	74	74	10	77	35	86(246)
111.5	3.5	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)
118.1	2.4	74	74	29	29	93	44	53	15(41)	90	13	80	22
		80	8	86	31(109)	29	29	74	74	8	79	32	86(250)

 HA=193.9 HI=108.3 GGW= 68.6 SL= 0.0 MAX(A,B,C,D)= 8.7 7.4 8.0 8.0

Main boom and fixed jib (jib angle 0.0 degrees)
 Length of main boom = 205.7 ft Length of jib = 108.3 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	6.0	62	62	42	42	68	55	48	38	(23)	69	36	65	39	
		68	35	66	40	(95)	43	43	62	62	35	68	40	66	(264)
78.7	6.0	65	65	39	39	75	52	50	32	(32)	74	31	69	35	
		71	28	71	39	(103)	39	39	65	65	28	71	39	71	(256)
85.3	6.0	68	68	36	36	81	49	52	27	(37)	79	26	73	32	
		73	22	77	37	(108)	37	37	68	68	22	73	38	77	(251)
91.9	6.0	71	71	33	33	88	46	54	22	(41)	84	21	76	28	
		75	16	81	36	(111)	34	34	71	71	16	75	37	82	(248)
98.4	5.3	73	73	31	31	90	46	53	19	(40)	87	17	78	25	
		77	12	84	35	(112)	32	32	73	73	12	76	35	84	(247)
105.0	4.0	73	73	31	31	91	45	53	18	(40)	87	17	78	25	
		76	11	85	35	(113)	31	31	73	73	11	76	35	85	(246)
111.5	2.6	73	73	30	30	91	45	52	18	(40)	87	16	78	24	
		76	11	84	35	(113)	30	30	73	73	11	75	35	85	(246)

 HA=205.7 HI=108.3 GGW= 68.6 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 = 208.0 ft Length of jib = 108.3 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(...)										
	A	B	C	D	A	B	C	D	A	B	C	D			
72.2	6.4	64	64	40	40	73	53	49	35	(29)	72	33	67	37	
		70	31	69	39	(100)	41	41	64	64	31	70	40	69	(259)
78.7	6.4	67	67	37	37	79	50	51	29	(35)	78	28	71	33	
		73	24	75	38	(106)	38	38	67	67	24	72	38	75	(253)
85.3	6.4	71	71	34	34	86	47	53	24	(40)	83	22	75	29	
		75	18	80	37	(110)	35	35	70	70	18	74	37	80	(249)
91.9	6.0	73	73	32	32	90	45	54	19	(42)	87	18	78	26	
		77	13	84	35	(112)	32	32	72	72	13	76	36	84	(247)
98.4	4.4	73	73	31	31	90	46	53	19	(40)	87	17	78	25	
		77	12	84	35	(112)	31	31	72	72	12	76	35	84	(247)
105.0	3.1	73	73	30	30	90	45	53	18	(40)	87	16	78	24	
		76	11	84	35	(113)	31	31	73	73	11	75	35	85	(246)

 HA=208.0 HI=108.3 GGW= 68.6 SL= 0.0 MAX(A,B,C,D)= 8.4 7.1 7.8 7.9

Main boom and fixed jib (jib angle 0.0 degrees)

Length of main boom = 219.8 ft Length of jib = 108.3 ft
 Main boom sequence = 90-100-100-100-100-100 % LK = 80
 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	4.9	62	62	42	42	68	55	48	37(23)	69	35	65	39
		68	35	65	40(95)	42	42	62	62	34	68	40	66(264)
78.7	4.9	65	65	39	39	75	52	50	32(32)	74	30	68	35
		71	28	71	39(103)	39	39	65	65	28	70	39	71(256)
85.3	4.9	68	68	36	36	81	49	51	27(37)	79	25	72	32
		73	22	76	37(108)	36	36	68	68	22	72	38	76(251)
91.9	4.9	71	71	33	33	87	46	53	22(41)	84	21	76	28
		75	16	81	36(111)	33	33	71	71	16	75	36	81(248)
98.4	3.7	72	72	32	32	89	45	53	20(41)	85	19	77	26
		75	13	83	35(112)	32	32	71	71	13	75	36	83(247)
105.0	2.4	72	72	31	31	88	46	52	19(39)	85	18	77	25
		75	13	83	35(112)	31	31	71	71	12	75	35	83(247)

HA=219.8 HI=108.3 GGW= 68.6 SL= 0.0 MAX(A,B,C,D)= 8.3 6.9 7.7 7.7

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/22137912_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 KS

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 = 108.3 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)			
	4(...)				5(180)					6(...)			
	A	B	C	D	A	B	C	D	A	B	C	D	
45.9	13.0	48	48	60	60	42	60	50	63(59)	44	65	46	61
		50	66	44	56(128)	60	60	47	47	66	50	56	44(232)

52.5	11.9	50	50	57	57	46	58	51	60(59)	47	61	48	59
		51	62	47	55(128)	58	58	49	49	62	51	55	47(232)
59.1	10.8	51	51	56	56	49	56	52	57(59)	50	58	50	56
		52	59	49	54(128)	56	56	50	50	59	52	54	49(232)
65.6	9.9	53	53	54	54	52	54	52	54(59)	52	55	52	54
		53	55	51	53(127)	54	54	52	52	55	53	53	51(232)
72.2	9.0	54	54	52	52	54	53	53	52(59)	54	52	53	52
		54	52	54	52(127)	52	52	53	53	52	54	52	54(232)
78.7	8.4	55	55	50	50	57	51	54	49(59)	57	49	55	50
		55	49	56	52(128)	51	51	55	55	49	55	52	56(232)
85.3	7.7	56	56	49	49	60	49	54	46(59)	59	47	57	48
		55	46	58	51(128)	49	49	56	56	46	55	51	58(232)
91.9	7.3	58	58	47	47	63	48	55	44(59)	62	44	59	45
		56	42	61	50(128)	47	47	58	58	42	56	50	61(232)
98.4	6.6	59	59	46	46	65	47	56	42(59)	63	42	60	44
		63	42	60	44(90)	46	46	59	59	42	63	44	60(270)
105.0	6.2	60	60	44	44	63	58	46	42(11)	66	39	62	42
		66	39	62	42(90)	45	45	60	60	39	66	42	62(270)
111.5	5.7	62	62	43	43	66	56	47	39(19)	68	37	64	40
		67	36	64	40(92)	43	43	61	61	36	67	41	64(267)
118.1	5.5	63	63	41	41	70	54	48	36(26)	71	34	66	38
		69	32	67	39(98)	41	41	63	63	32	69	40	67(261)
124.7	5.1	64	64	39	39	73	52	49	33(30)	73	32	67	36
		70	30	69	39(101)	40	40	64	64	29	70	39	69(258)
131.2	4.9	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)

HA= 40.7 HI=108.3 GGW= 68.6 SL= 0.0 MAX(A,B,C,D)= 7.1 6.6 6.7 6.7

Main boom and fixed jib (jib angle 20.0 degrees)

Length of main boom = 54.5 ft Length of jib = 108.3 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)		6(...)						
	4(...)		5(180)		6(...)								
	A	B	C	D	A	B	C	D	A	B	C	D	
45.9	13.0	48	48	60	60	43	60	50	63(59)	44	64	46	61
		50	66	44	56(128)	60	60	47	47	66	50	56	44(232)
52.5	11.9	50	50	57	57	46	58	51	60(59)	47	61	48	58
		51	62	47	55(128)	58	58	49	49	62	51	55	47(232)
59.1	11.0	52	52	55	55	50	56	52	56(59)	50	57	50	56
		52	58	50	54(128)	56	56	51	51	58	52	54	50(232)
65.6	10.1	53	53	53	53	53	54	53	54(59)	53	54	52	53
		53	54	52	53(127)	54	54	52	52	54	53	53	52(232)
72.2	9.5	55	55	51	51	56	52	54	50(59)	56	51	54	51
		54	51	55	52(128)	52	52	54	54	51	54	52	55(232)
78.7	8.6	56	56	50	50	58	50	54	48(59)	58	49	56	49
		55	48	57	51(128)	50	50	55	55	48	55	51	57(232)
85.3	8.2	58	58	48	48	62	49	55	45(59)	61	45	58	47
		56	44	60	51(128)	49	49	57	57	44	56	51	60(232)
91.9	7.5	59	59	46	46	64	47	56	43(59)	63	43	60	45
		63	43	60	45(90)	47	47	58	58	43	63	45	60(270)

98.4	7.1	60	60	45	45	62	58	46	44(7)	65	40	62	43
		65	40	62	43(90)	45	45	60	60	40	65	43	62(270)
105.0	6.6	62	62	43	43	66	56	47	40(18)	67	37	63	41
		67	37	63	41(90)	44	44	61	61	37	67	41	64(269)
111.5	6.2	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)
118.1	6.0	64	64	40	40	73	53	49	34(30)	73	32	67	36
		70	30	69	39(101)	40	40	64	64	30	70	39	70(258)
124.7	5.5	65	65	39	39	76	51	50	31(33)	75	30	69	35
		71	27	72	38(104)	39	39	65	65	27	70	39	72(255)
131.2	5.3	67	67	37	37	79	49	51	28(36)	77	27	71	33
		72	24	74	37(106)	37	37	67	67	24	72	38	75(253)
137.8	4.9	68	68	35	35	81	49	51	26(37)	79	25	72	31
		73	21	76	37(108)	36	36	68	68	21	72	37	76(251)
144.4	4.6	70	70	34	34	84	47	52	24(39)	82	22	74	29
		74	18	79	36(110)	34	34	69	69	18	73	37	79(249)

 HA= 54.5 HI=108.3 GGW= 68.6 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 = 68.6 ft Length of jib = 108.3 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(...)	5(180)	6(...)										
A B C D	A B C D	A B C D	A B C D										
52.5	11.9	50	50	57	57	46	58	51	60(59)	47	61	48	58
		51	62	47	55(128)	58	58	49	49	62	51	55	47(232)
59.1	11.0	52	52	55	55	50	56	52	56(59)	50	57	50	56
		52	58	50	54(128)	56	56	51	51	58	52	54	50(232)
65.6	10.1	53	53	53	53	53	54	53	53(59)	53	54	52	53
		53	54	52	53(127)	54	54	53	53	54	53	53	52(232)
72.2	9.5	55	55	51	51	56	52	54	50(59)	56	51	55	51
		54	50	55	52(128)	52	52	54	54	50	54	52	55(232)
78.7	8.6	56	56	50	50	59	50	54	48(59)	58	48	56	49
		55	47	57	51(128)	50	50	55	55	47	55	51	57(232)
85.3	7.9	57	57	48	48	62	49	55	45(59)	60	46	58	47
		56	44	60	51(128)	49	49	57	57	44	56	51	60(232)
91.9	7.3	58	58	47	47	64	47	56	43(59)	62	43	60	45
		62	43	60	45(90)	47	47	58	58	43	62	45	60(270)
98.4	6.8	60	60	45	45	61	59	46	44(5)	65	40	62	43
		65	40	62	43(90)	45	45	59	59	40	65	43	62(270)
105.0	6.2	61	61	44	44	64	57	47	41(14)	66	38	63	41
		66	38	63	41(90)	44	44	60	60	38	66	41	63(270)
111.5	5.5	62	62	43	43	66	56	47	39(19)	68	37	64	40
		67	36	64	40(92)	43	43	61	61	36	67	41	64(267)
118.1	5.1	62	62	41	41	69	54	48	37(24)	70	35	65	38
		68	34	66	39(96)	42	42	62	62	34	68	40	66(263)
124.7	4.9	64	64	40	40	72	53	49	34(29)	72	32	67	36
		69	30	69	39(101)	40	40	64	64	30	69	39	69(258)
131.2	4.4	65	65	39	39	75	51	49	32(32)	74	30	68	35
		70	28	71	38(103)	39	39	65	65	27	70	39	71(256)

137.8	4.0	66	66	37	37	77	50	50	30(34)	75	28	69	34
		71	25	73	38(105)	38	38	65	65	25	71	38	73(254)
144.4	3.7	67	67	36	36	79	49	50	27(36)	78	26	71	32
		72	22	75	37(107)	36	36	67	67	22	72	37	75(252)
150.9	3.5	68	68	35	35	82	47	51	25(38)	80	23	73	30
		73	19	77	36(109)	35	35	68	68	19	72	37	77(250)
157.5	3.3	70	70	33	33	85	46	52	22(40)	82	21	75	28
		74	17	79	36(110)	33	33	69	69	17	74	36	80(249)

 HA= 68.6 HI=108.3 GGW= 68.6 SL= 0.0 MAX(A,B,C,D)= 7.9 6.8 7.4 7.4

Main boom and fixed jib (jib angle 20.0 degrees)

Length of main boom = 82.3 ft Length of jib = 108.3 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)						
	4(...)			5(180)				6(...)						
	A	B	C	D	A	B	C	D	A	B	C	D		
52.5	11.7	50	50	57	57	47	58	51	59(59)	48	60	48	58	
		51	61	47	55(128)	58	58	49	49	61	51	55	47(232)	
59.1	10.8	52	52	55	55	50	55	52	56(59)	51	57	51	55	
		52	57	50	54(128)	56	56	51	51	57	52	54	50(232)	
65.6	10.1	54	54	53	53	54	53	53	52(59)	54	53	53	53	
		54	53	53	53(127)	53	53	53	53	53	54	53	53(232)	
72.2	9.5	55	55	51	51	57	51	54	49(59)	57	50	55	50	
		55	49	56	52(128)	51	51	55	55	49	55	52	56(232)	
78.7	8.8	57	57	49	49	61	50	55	47(59)	60	47	57	48	
		56	46	59	51(128)	49	49	56	56	46	56	51	59(232)	
85.3	8.2	58	58	47	47	63	48	56	44(59)	62	44	59	46	
		57	43	61	50(128)	48	48	58	58	43	57	50	61(232)	
91.9	7.7	60	60	45	45	61	59	46	45(3)	65	41	62	43	
		65	41	62	43(90)	46	46	59	59	41	65	43	62(270)	
98.4	7.1	61	61	44	44	64	57	47	41(14)	67	39	63	41	
		67	39	63	41(90)	44	44	61	61	39	67	41	63(270)	
105.0	6.6	62	62	42	42	68	56	48	38(22)	69	36	65	39	
		68	35	65	40(94)	43	43	62	62	35	68	40	65(265)	
111.5	6.2	64	64	41	41	71	54	49	35(27)	71	33	67	37	
		69	32	68	39(99)	41	41	63	63	32	69	40	68(260)	
118.1	5.5	64	64	40	40	73	52	49	34(30)	73	32	67	36	
		70	30	69	39(101)	40	40	64	64	30	70	39	70(258)	
124.7	5.1	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)	
131.2	4.9	67	67	37	37	79	49	51	28(36)	77	27	71	32	
		72	24	74	37(106)	37	37	67	67	24	72	38	75(253)	
137.8	4.4	68	68	35	35	81	49	51	26(37)	79	25	72	31	
		73	21	76	37(108)	36	36	68	68	21	72	37	76(251)	
144.4	4.2	69	69	34	34	84	47	52	24(39)	81	22	74	29	
		73	18	79	36(110)	34	34	69	69	18	73	37	79(249)	
150.9	4.0	71	71	32	32	87	45	53	21(41)	84	20	76	27	
		75	15	81	35(111)	33	33	71	71	15	74	36	81(248)	
157.5	3.5	71	71	32	32	88	45	53	20(41)	85	18	77	26	
		75	13	82	35(112)	32	32	71	71	13	75	36	82(247)	

164.0 3.3 73 73 30 30 91 45 52 18(40) 87 16 78 24
 76 11 84 35(113) 30 30 73 73 10 75 35 85(246)

 HA= 82.3 HI=108.3 GGW= 68.6 SL= 0.0 MAX(A,B,C,D)= 8.4 7.0 7.8 7.9

Main boom and fixed jib (jib angle 20.0 degrees)
 Length of main boom = 96.5 ft Length of jib = 108.3 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(...)								
	4(...)				5(180)								
	A	B	C	D	A	B	C	D	A	B	C	D	
59.1	10.6	52	52	55	55	50	55	52	56(59)	51	57	51	55
		52	57	50	54(128)	55	55	51	51	57	52	54	50(232)
65.6	9.9	54	54	52	52	54	53	53	52(59)	54	53	53	52
		54	53	53	53(127)	53	53	53	53	53	54	53	53(232)
72.2	9.5	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)
78.7	8.8	57	57	48	48	62	49	55	46(59)	60	46	58	47
		56	45	60	51(128)	49	49	57	57	45	56	51	60(232)
85.3	8.4	59	59	46	46	65	47	56	43(59)	63	43	60	45
		63	43	60	45(90)	47	47	59	59	43	63	45	60(270)
91.9	7.7	61	61	45	45	62	58	46	43(9)	66	40	62	43
		66	40	62	43(90)	45	45	60	60	40	66	43	62(270)
98.4	7.3	62	62	43	43	67	56	48	39(20)	69	37	64	40
		68	37	65	41(92)	43	43	62	62	37	68	41	65(267)
105.0	6.8	63	63	41	41	71	54	49	36(26)	71	34	66	38
		69	33	68	40(98)	42	42	63	63	33	69	40	68(261)
111.5	6.4	65	65	40	40	74	52	50	33(31)	73	32	68	36
		70	29	70	39(102)	40	40	65	65	29	70	39	70(257)
118.1	6.0	66	66	38	38	77	51	50	30(34)	76	29	70	34
		71	26	73	38(105)	39	39	66	66	26	71	39	73(254)
124.7	5.5	67	67	37	37	79	50	51	28(36)	78	27	71	32
		72	23	75	38(107)	37	37	67	67	23	72	38	75(252)
131.2	5.1	68	68	35	35	82	48	52	26(38)	80	25	73	31
		73	21	77	37(108)	36	36	68	68	21	73	37	77(251)
137.8	4.9	70	70	34	34	85	46	53	23(40)	82	22	75	29
		74	17	80	36(110)	34	34	70	70	17	74	37	80(249)
144.4	4.6	72	72	32	32	88	45	53	21(41)	85	19	77	26
		75	14	82	36(112)	32	32	71	71	14	75	36	82(247)
150.9	4.2	72	72	31	31	90	46	52	19(39)	86	17	78	25
		76	12	84	35(112)	31	31	72	72	12	76	35	84(247)
157.5	4.0	74	74	30	30	93	44	53	16(41)	89	15	80	23
		77	9	86	34(113)	30	30	73	73	9	77	35	86(246)
164.0	3.7	75	75	28	28	95	43	53	14(41)	91	12	81	21
		81	7	88	31(109)	28	28	75	75	7	81	31	88(250)
177.2	3.3	78	78	25	25	101	41	55	9(43)	95	8	85	18
		83	1	92	30(111)	25	25	77	77	1	82	30	92(248)

 HA= 96.5 HI=108.3 GGW= 68.6 SL= 0.0 MAX(A,B,C,D)= 9.3 7.7 8.5 8.6

Main boom and fixed jib (jib angle 20.0 degrees)

Length of main boom = 110.2 ft Length of jib = 108.3 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		
65.6	9.9	54	54	52	52	55	53	53	51(59)	55	52	54	52	
		54	52	54	52(127)	52	52	54	54	52	54	52	54(232)	
72.2	9.5	57	57	50	50	60	50	55	48(59)	59	48	57	49	
		56	47	58	51(128)	50	50	56	56	47	56	51	58(232)	
78.7	8.8	58	58	48	48	63	49	56	45(59)	62	45	59	46	
		57	43	61	51(128)	48	48	58	58	43	57	51	61(232)	
85.3	8.4	60	60	45	45	61	60	46	45(2)	65	41	62	43	
		65	41	62	43(90)	46	46	60	60	41	65	43	62(270)	
91.9	7.9	62	62	43	43	66	57	47	40(18)	68	38	64	41	
		68	38	64	41(91)	44	44	61	61	37	68	41	64(268)	
98.4	7.5	64	64	41	41	71	55	49	37(26)	71	35	66	39	
		69	33	67	40(98)	42	42	63	63	33	69	40	68(261)	
105.0	7.1	65	65	40	40	74	53	50	33(31)	74	32	68	36	
		71	30	71	39(102)	40	40	65	65	29	70	39	71(257)	
111.5	6.6	67	67	38	38	78	51	50	30(34)	76	29	70	34	
		72	26	73	38(105)	38	38	66	66	26	71	39	73(254)	
118.1	6.2	68	68	36	36	81	49	52	28(37)	79	26	72	32	
		73	23	76	37(107)	37	37	68	68	23	73	38	76(252)	
124.7	6.0	70	70	34	34	84	47	52	24(39)	82	23	74	30	
		74	19	79	37(110)	35	35	69	69	19	74	37	79(249)	
131.2	5.5	71	71	33	33	87	46	54	22(41)	84	21	76	28	
		75	16	81	36(111)	34	34	71	71	16	75	37	81(248)	
137.8	5.1	72	72	32	32	90	45	54	20(42)	86	19	77	26	
		76	13	83	35(112)	32	32	72	72	13	75	36	83(247)	
144.4	4.9	74	74	30	30	92	45	53	17(40)	89	15	80	24	
		77	10	86	35(113)	30	30	73	73	10	77	35	86(246)	
150.9	4.4	75	75	29	29	94	44	54	15(41)	90	14	81	22	
		81	8	87	32(109)	29	29	74	74	8	80	32	87(250)	
157.5	4.2	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)	
164.0	4.0	78	78	26	26	100	41	55	10(43)	95	8	85	19	
		83	2	92	30(111)	26	26	77	77	2	82	30	92(248)	
177.2	2.9	78	78	25	25	101	40	55	9(43)	96	7	85	17	
		84	0	93	29(111)	25	25	78	78	0	83	30	93(248)	

HA=110.2 HI=108.3 GGW= 68.6 SL= 0.0 MAX(A,B,C,D)= 9.4 7.7 8.6 8.6

Main boom and fixed jib (jib angle 20.0 degrees)
 Length of main boom = 124.3 ft Length of jib = 108.3 ft
 Main boom sequence = 0-0-0-90-90-90 % LK = 45
 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	

65.6	9.7	55	55	52	52	56	52	54	51(59)	56	51	54	51
		54	51	55	52(128)	52	52	54	54	51	54	52	55(232)
72.2	9.3	57	57	49	49	60	50	55	47(59)	59	47	57	48
		56	46	59	51(128)	50	50	56	56	46	56	51	59(232)
78.7	8.8	59	59	47	47	65	48	56	43(59)	63	43	60	45
		63	43	60	45(90)	47	47	58	58	43	63	45	60(270)
85.3	8.2	61	61	45	45	62	59	46	44(7)	66	40	62	43
		66	40	62	43(90)	45	45	60	60	40	66	43	62(270)
91.9	7.9	63	63	43	43	68	56	48	39(22)	69	36	65	40
		69	36	66	41(94)	43	43	62	62	36	69	41	66(265)
98.4	7.5	65	65	41	41	73	54	49	35(29)	73	33	67	37
		70	31	69	39(100)	41	41	64	64	31	70	40	69(259)
105.0	7.1	66	66	39	39	76	52	50	32(33)	75	30	69	35
		71	27	72	39(104)	39	39	66	66	27	71	39	72(255)
111.5	6.6	68	68	37	37	80	50	51	28(36)	78	27	72	33
		73	24	75	38(107)	37	37	67	67	24	72	38	75(252)
118.1	6.4	70	70	35	35	84	48	52	25(39)	81	24	74	30
		74	20	78	37(109)	35	35	69	69	19	74	37	79(250)
124.7	6.0	71	71	33	33	87	47	53	22(40)	84	21	76	28
		75	16	81	36(111)	34	34	71	71	16	75	37	81(248)
131.2	5.7	73	73	31	31	90	46	53	19(40)	87	18	78	26
		77	13	84	35(112)	32	32	73	73	12	76	36	84(247)
137.8	5.3	74	74	30	30	93	45	54	17(41)	89	15	80	24
		78	10	86	35(113)	30	30	74	74	10	77	35	86(246)
144.4	5.1	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	89(249)
150.9	4.6	77	77	27	27	98	43	54	12(42)	94	10	84	20
		83	4	90	30(110)	27	27	77	77	4	82	31	90(249)
157.5	4.2	78	78	26	26	100	41	55	10(43)	95	8	85	19
		83	2	92	30(111)	26	26	77	77	2	82	31	92(248)
164.0	3.5	78	78	25	25	101	41	55	9(43)	96	8	85	18
		83	1	92	30(111)	26	26	78	78	1	83	30	92(248)
177.2	2.2	77	77	25	25	101	40	55	9(43)	95	7	85	18
		83	1	92	29(111)	25	25	77	77	1	82	30	92(248)

HA=124.3 HI=108.3 GGW= 68.6 SL= 0.0 MAX(A,B,C,D)= 9.4 7.7 8.5 8.6

Main boom and fixed jib (jib angle 20.0 degrees)

Length of main boom = 138.1 ft Length of jib = 108.3 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)		6(...)						
	A	B	C	D	A	B	C	D	A	B	C	D	
72.2	9.0	58	58	49	49	62	49	55	46(59)	60	46	58	47
		56	45	60	51(128)	49	49	57	57	45	56	51	60(232)
78.7	8.6	60	60	46	46	66	47	56	42(59)	64	42	61	44
		64	42	61	44(90)	47	47	59	59	42	64	44	61(270)
85.3	8.2	62	62	44	44	65	57	47	41(16)	67	39	63	41
		67	39	63	41(90)	44	44	61	61	39	67	41	63(270)
91.9	7.7	63	63	42	42	70	55	49	37(25)	71	35	66	39
		69	34	67	40(97)	42	42	63	63	34	69	40	67(262)

98.4	7.5	66	66	39	39	75	52	50	32(32)	75	31	69	36
		71	29	71	39(103)	40	40	65	65	28	71	39	72(256)
105.0	7.1	68	68	37	37	79	50	51	29(35)	78	28	71	33
		73	24	75	38(106)	38	38	67	67	24	72	38	75(253)
111.5	6.8	70	70	35	35	84	48	53	25(39)	81	24	74	30
		74	20	78	37(109)	35	35	69	69	20	74	37	79(250)
118.1	6.4	71	71	33	33	88	46	54	22(41)	84	21	76	28
		75	16	81	36(111)	34	34	71	71	16	75	37	82(248)
124.7	6.2	73	73	31	31	91	46	53	19(40)	88	17	79	25
		77	12	85	35(113)	32	32	73	73	12	76	36	85(246)
131.2	5.7	75	75	30	30	94	45	54	16(41)	90	15	81	23
		81	9	86	32(109)	30	30	74	74	9	80	33	87(250)
137.8	5.5	77	77	28	28	98	43	55	13(42)	93	11	83	21
		82	6	90	31(110)	28	28	76	76	5	82	32	90(249)
144.4	5.3	78	78	26	26	102	41	56	10(43)	96	8	86	18
		84	2	93	30(111)	26	26	78	78	1	83	30	93(248)
150.9	4.4	78	78	25	25	101	41	55	9(43)	96	8	85	18
		84	1	93	30(111)	26	26	78	78	1	83	30	93(248)
157.5	3.5	78	78	25	25	101	41	55	9(43)	96	8	85	18
		83	1	92	30(111)	26	26	78	78	1	83	30	92(248)
164.0	2.9	78	78	25	25	101	41	55	9(43)	96	7	85	17
		84	0	92	29(111)	25	25	78	78	0	83	30	93(248)

 HA=138.1 HI=108.3 GGW= 68.6 SL= 0.0 MAX(A,B,C,D)= 9.4 7.7 8.6 8.6

Main boom and fixed jib (jib angle 20.0 degrees)

Length of main boom = 152.2 ft Length of jib = 108.3 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)		6(...)					
		4(...)	5(180)	A	B	C	D						
78.7	8.4	60	60	45	45	61	60	46	45(3)	65	41	62	43
		65	41	62	43(90)	46	46	60	60	41	65	43	62(270)
85.3	7.9	62	62	43	43	67	56	48	40(20)	69	37	64	41
		68	37	65	41(92)	44	44	62	62	37	68	41	65(267)
91.9	7.7	65	65	41	41	73	54	49	35(29)	73	33	67	37
		70	31	69	39(100)	41	41	64	64	31	70	40	69(259)
98.4	7.3	67	67	38	38	77	51	51	31(34)	76	30	70	35
		72	27	73	39(105)	39	39	66	66	27	71	39	73(254)
105.0	7.1	69	69	36	36	82	49	52	27(37)	80	26	73	32
		74	22	77	37(108)	37	37	68	68	22	73	38	77(251)
111.5	6.6	71	71	34	34	86	47	53	23(40)	83	22	75	29
		75	18	80	37(110)	35	35	70	70	18	75	37	80(249)
118.1	6.4	73	73	32	32	90	45	54	20(42)	87	19	78	26
		77	13	84	35(112)	32	32	72	72	13	76	36	84(247)
124.7	6.2	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)
131.2	6.0	77	77	27	27	98	43	55	13(42)	94	11	84	21
		83	5	90	31(110)	28	28	77	77	5	82	31	90(249)
137.8	5.3	78	78	26	26	100	42	56	11(43)	95	9	85	19
		83	3	91	30(111)	27	27	77	77	3	82	31	92(248)

144.4 4.4 78 78 26 26 101 41 55 10(43) 95 9 85 19
 83 2 92 30(111) 26 26 77 77 2 82 31 92(248)
 150.9 3.5 78 78 26 26 100 41 55 10(43) 95 8 85 18
 83 2 92 30(111) 26 26 77 77 2 82 30 92(248)
 157.5 2.9 78 78 25 25 101 41 55 9(43) 96 7 85 18
 83 1 92 29(111) 25 25 78 78 1 83 30 92(248)

 HA=152.2 HI=108.3 GGW= 68.6 SL= 0.0 MAX(A,B,C,D)= 9.4 7.7 8.6 8.6

Main boom and fixed jib (jib angle 20.0 degrees)
 Length of main boom = 166.0 ft Length of jib = 108.3 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)		6(...)					
		A	B	C	D	A	B	C	D				
78.7	8.2	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)
85.3	7.9	64	64	42	42	70	55	49	37(25)	71	35	66	39
		69	34	67	40(97)	42	42	63	63	34	69	40	67(262)
91.9	7.5	66	66	39	39	75	52	50	33(32)	75	31	69	36
		71	29	71	39(103)	40	40	65	65	29	71	39	71(256)
98.4	7.3	68	68	37	37	80	50	51	28(36)	79	27	72	33
		73	24	76	38(107)	37	37	68	68	23	73	38	76(252)
105.0	7.1	71	71	34	34	86	48	53	24(39)	83	23	75	29
		75	18	80	37(110)	35	35	70	70	18	74	37	80(249)
111.5	6.6	73	73	32	32	90	46	54	21(41)	86	19	78	27
		76	14	83	36(112)	33	33	72	72	14	76	37	83(247)
118.1	6.4	75	75	30	30	94	45	54	17(41)	90	15	80	24
		78	9	87	35(113)	30	30	74	74	9	78	35	87(246)
124.7	6.0	77	77	28	28	97	43	55	14(42)	93	12	83	21
		82	6	89	31(110)	28	28	76	76	6	82	32	89(249)
131.2	4.9	76	76	28	28	97	43	54	13(42)	93	11	83	21
		82	6	89	31(110)	28	28	76	76	6	81	32	89(249)
137.8	4.0	76	76	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)
144.4	3.1	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)
150.9	2.4	77	77	26	26	99	41	55	11(43)	94	9	84	19
		82	3	91	30(111)	26	26	77	77	2	81	31	91(248)

 HA=166.0 HI=108.3 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 = 180.1 ft Length of jib = 108.3 ft
 Main boom sequence = 0-90-90-90-90-90 % LK = 73
 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	

85.3	7.7	64	64	41	41	72	54	49	35(28)	72	34	67	38
		70	32	69	40(100)	41	41	64	64	32	70	40	69(259)
91.9	7.3	67	67	39	39	77	51	51	31(34)	76	30	70	35
		72	27	73	39(105)	39	39	66	66	27	71	39	73(254)
98.4	7.1	69	69	36	36	83	49	52	26(38)	80	25	73	31
		74	21	77	37(108)	36	36	69	69	21	73	38	78(251)
105.0	6.8	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)
111.5	6.6	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)
118.1	6.0	75	75	29	29	95	45	54	15(41)	91	14	82	22
		82	8	87	32(109)	30	30	75	75	8	81	32	88(250)
124.7	4.9	75	75	28	28	95	44	54	15(41)	91	13	82	22
		82	7	88	31(109)	29	29	75	75	7	81	32	88(250)
131.2	3.7	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)
137.8	2.9	75	75	28	28	96	43	54	13(42)	92	11	82	21
		81	6	88	31(110)	28	28	75	75	6	80	31	88(249)

HA=180.1 HI=108.3 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 = 193.9 ft Length of jib = 108.3 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(...)								
	4(...)				5(180)				6(...)				
	A	B	C	D	A	B	C	D	A	B	C	D	
91.9	7.1	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)
98.4	6.8	71	71	34	34	86	48	53	24(39)	83	23	75	29
		75	19	80	37(110)	35	35	70	70	18	74	37	80(249)
105.0	6.6	73	73	32	32	91	45	54	19(42)	87	18	78	26
		77	13	84	35(112)	32	32	73	73	13	76	36	84(247)
111.5	5.7	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)
118.1	4.4	74	74	30	30	93	44	54	17(41)	89	15	80	24
		77	9	86	34(113)	30	30	74	74	9	77	35	86(246)
124.7	3.3	74	74	29	29	93	44	53	16(41)	89	14	80	23
		80	9	86	32(109)	30	30	74	74	9	79	32	86(250)
131.2	2.4	74	74	28	28	94	43	53	15(41)	90	13	80	22
		80	8	86	31(109)	29	29	74	74	7	80	32	87(250)

HA=193.9 HI=108.3 GGW= 68.6 SL= 0.0 MAX(A,B,C,D)= 8.7 7.4 8.0 8.0

Main boom and fixed jib (jib angle 20.0 degrees)

Length of main boom = 208.0 ft Length of jib = 108.3 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(...)							
	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	
91.9	6.0	67	67	37	37	79	50	51	29(35)	77	28	71	33
		72	24	75	38(106)	38	38	67	67	24	72	38	75(253)
98.4	6.0	70	70	34	34	86	47	53	24(40)	83	22	75	29
		75	18	80	37(110)	35	35	70	70	18	74	37	80(249)
105.0	5.7	73	73	31	31	91	46	53	19(40)	87	18	78	26
		77	13	84	35(112)	32	32	73	73	12	76	36	84(247)
111.5	4.4	73	73	31	31	91	45	53	18(40)	88	17	79	25
		76	11	85	35(113)	31	31	73	73	11	76	36	85(246)
118.1	3.1	73	73	30	30	91	45	53	18(40)	87	16	78	24
		76	11	85	35(113)	30	30	73	73	11	76	35	85(246)

 HA=208.0 HI=108.3 GGW= 68.6 SL= 0.0 MAX(A,B,C,D)= 8.4 7.1 7.9 7.9

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 KS

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 = 108.3 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)		3(90)		4(...)						
	4(...)	5(180)	6(...)		4(...)	5(180)	6(...)						
	A	B	C	D	A	B	C	D					
59.1	10.4	48	48	58	58	43	59	50	62(59)	44	63	46	60
		50	64	44	55(128)	59	59	47	47	64	50	55	44(232)
65.6	9.5	49	49	56	56	46	57	50	59(59)	47	60	48	58
		50	61	47	54(128)	57	57	49	49	61	50	54	47(232)
72.2	8.8	51	51	55	55	49	55	51	56(59)	50	56	50	55
		52	57	49	53(128)	55	55	50	50	57	52	53	49(232)
78.7	8.2	53	53	53	53	52	53	52	53(59)	52	54	52	53
		53	54	52	52(127)	53	53	52	52	54	53	52	52(232)
85.3	7.7	54	54	51	51	56	51	53	50(59)	55	50	54	50
		54	50	55	52(128)	51	51	54	54	50	54	52	55(232)

91.9	7.1	56	56	49	49	58	50	54	47(59)	58	48	56	48
		55	47	57	51(128)	50	50	55	55	47	55	51	57(232)
98.4	6.6	57	57	47	47	62	48	55	45(59)	60	45	58	46
		56	43	60	50(128)	48	48	57	57	43	56	50	60(232)
105.0	6.2	59	59	46	46	65	47	56	42(59)	63	42	60	44
		63	42	60	44(90)	46	46	58	58	42	63	44	60(270)
111.5	6.0	61	61	43	43	64	57	46	41(14)	66	38	63	41
		66	38	63	41(90)	44	44	60	60	38	66	41	63(270)
118.1	5.5	62	62	42	42	68	55	48	38(23)	69	35	65	39
		68	35	65	40(95)	42	42	62	62	34	68	40	65(264)

HA= 40.7 HI=108.3 GGW= 68.6 SL= 0.0 MAX(A,B,C,D)= 6.4 6.3 6.1 6.1

Main boom and fixed jib (jib angle 40.0 degrees)

Length of main boom = 54.5 ft Length of jib = 108.3 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)		6(...)						
	A	B	C	D	A	B	C	D					
59.1	10.4	48	48	58	58	43	59	50	62(59)	44	63	46	60
		50	64	44	55(128)	59	59	47	47	64	50	55	44(232)
65.6	9.7	50	50	56	56	47	57	51	58(59)	47	59	48	57
		51	60	47	54(128)	57	57	49	49	60	51	54	47(232)
72.2	9.0	52	52	54	54	50	55	52	55(59)	50	56	50	55
		52	56	50	53(128)	55	55	51	51	56	52	53	50(232)
78.7	8.4	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)
85.3	7.9	55	55	50	50	57	51	54	49(59)	56	50	55	50
		54	49	56	52(128)	51	51	54	54	49	54	52	56(232)
91.9	7.5	56	56	49	49	60	49	54	46(59)	59	47	57	47
		55	45	58	51(128)	49	49	56	56	45	55	51	58(232)
98.4	7.1	58	58	47	47	63	48	55	43(59)	62	43	59	45
		62	43	59	45(90)	47	47	58	58	43	62	45	59(270)
105.0	6.6	60	60	45	45	60	59	45	45(3)	64	41	61	43
		64	41	61	43(90)	45	45	59	59	41	64	43	61(270)
111.5	6.2	61	61	43	43	65	57	47	41(16)	67	38	63	41
		67	38	63	41(90)	44	44	61	61	38	67	41	63(270)
118.1	6.0	63	63	41	41	69	54	48	36(25)	70	34	65	38
		69	33	67	40(97)	42	42	63	63	33	69	40	67(262)
124.7	5.5	64	64	40	40	73	52	49	34(30)	73	32	67	36
		70	30	69	39(101)	40	40	64	64	30	70	39	69(258)
131.2	5.3	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)

HA= 54.5 HI=108.3 GGW= 68.6 SL= 0.0 MAX(A,B,C,D)= 7.1 6.6 6.8 6.8

Main boom and fixed jib (jib angle 40.0 degrees)

Length of main boom = 68.6 ft Length of jib = 108.3 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(...)				5(180)				6(...)				
	A	B	C	D	A	B	C	D	A	B	C	D	
65.6	9.5	50	50	56	56	46	57	50	59(59)	47	60	48	58
		51	61	47	54(128)	57	57	49	49	61	51	54	47(232)
72.2	9.0	52	52	54	54	50	55	52	55(59)	50	56	50	55
		52	56	50	53(128)	55	55	51	51	56	52	53	50(232)
78.7	8.4	53	53	52	52	53	53	52	52(59)	53	53	53	52
		53	53	53	52(127)	53	53	52	52	53	53	52	53(232)
85.3	7.9	55	55	50	50	57	51	54	49(59)	56	50	55	50
		54	49	56	52(128)	51	51	54	54	49	54	52	56(232)
91.9	7.3	56	56	49	49	60	50	54	47(59)	58	47	57	48
		55	46	58	51(128)	49	49	56	56	46	55	51	58(232)
98.4	6.8	58	58	47	47	63	48	55	44(59)	61	44	59	46
		56	43	60	50(128)	47	47	57	57	43	56	50	60(232)
105.0	6.2	59	59	46	46	65	47	56	42(59)	63	42	60	44
		63	42	60	44(90)	46	46	58	58	42	63	44	60(270)
111.5	5.7	60	60	44	44	62	58	46	43(10)	65	39	62	42
		65	39	62	42(90)	45	45	60	60	39	65	42	62(270)
118.1	5.3	61	61	43	43	66	56	47	39(19)	67	37	63	40
		67	36	64	40(92)	43	43	61	61	36	67	41	64(267)
124.7	4.9	62	62	41	41	69	54	48	36(25)	70	34	65	38
		68	33	66	40(97)	41	41	62	62	33	68	40	66(262)
131.2	4.6	64	64	39	39	73	52	49	33(30)	73	31	67	36
		70	29	69	39(101)	40	40	64	64	29	69	39	69(258)
137.8	4.2	65	65	38	38	75	51	50	31(33)	75	29	69	34
		71	26	71	38(104)	38	38	65	65	26	70	38	72(255)

HA= 68.6 HI=108.3 GGW= 68.6 SL= 0.0 MAX(A,B,C,D)= 7.0 6.5 6.6 6.7

Main boom and fixed jib (jib angle 40.0 degrees)
Length of main boom = 82.3 ft Length of jib = 108.3 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)				
	4(...)				5(180)				6(...)				
	A	B	C	D	A	B	C	D	A	B	C	D	
72.2	9.0	52	52	54	54	51	54	52	55(59)	51	55	51	54
		52	56	50	53(127)	54	54	51	51	56	52	53	50(232)
78.7	8.4	54	54	52	52	54	53	53	52(59)	54	52	53	52
		53	52	53	52(127)	52	52	53	53	52	53	52	53(232)
85.3	7.9	55	55	50	50	58	51	54	49(59)	57	49	56	49
		55	48	56	51(128)	50	50	55	55	48	55	51	56(232)
91.9	7.5	57	57	48	48	61	49	55	45(59)	60	46	58	47
		56	45	59	51(128)	49	49	56	56	45	56	51	59(232)
98.4	7.1	59	59	46	46	64	47	56	43(59)	63	43	60	45
		63	43	60	45(90)	47	47	58	58	43	63	45	60(270)
105.0	6.6	60	60	44	44	62	58	46	43(9)	65	40	62	42
		65	40	62	42(90)	45	45	60	60	40	65	42	62(270)
111.5	6.2	62	62	43	43	66	56	47	39(19)	68	37	64	40
		67	37	64	41(92)	43	43	61	61	36	67	41	64(267)

118.1	5.7	63	63	41	41	69	54	48	36(25)	70	34	65	38
		69	33	67	40(97)	42	42	63	63	33	69	40	67(262)
124.7	5.3	64	64	40	40	73	52	49	34(30)	73	32	67	36
		70	30	69	39(101)	40	40	64	64	30	69	39	69(258)
131.2	4.9	65	65	38	38	75	51	50	31(33)	75	30	69	35
		71	27	71	38(104)	39	39	65	65	27	70	39	72(255)
137.8	4.6	67	67	37	37	79	49	51	28(36)	77	26	71	32
		72	23	75	37(107)	37	37	67	67	23	71	38	75(252)
144.4	4.2	68	68	35	35	82	48	52	26(38)	79	24	72	31
		73	21	77	37(108)	35	35	68	68	21	72	37	77(251)
150.9	4.0	70	70	34	34	85	46	52	23(40)	82	21	75	28
		74	17	79	36(110)	34	34	69	69	17	73	36	79(249)

HA= 82.3 HI=108.3 GGW= 68.6 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 = 108.3 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	A	B	C	D	
72.2	8.8	52	52	54	54	51	54	52	55(59)	51	55	51	54
		52	56	50	53(127)	54	54	51	51	56	52	53	50(232)
78.7	8.4	54	54	52	52	55	52	53	51(59)	54	52	54	51
		54	51	54	52(127)	52	52	53	53	51	54	52	54(232)
85.3	7.9	56	56	50	50	58	50	54	48(59)	58	48	56	49
		55	47	57	51(128)	50	50	55	55	47	55	51	57(232)
91.9	7.5	58	58	48	48	62	49	55	45(59)	61	45	58	46
		56	44	60	50(128)	48	48	57	57	44	56	50	60(232)
98.4	7.1	59	59	46	46	65	47	56	42(59)	63	42	60	44
		63	42	60	44(90)	46	46	59	59	42	63	44	60(270)
105.0	6.6	61	61	44	44	63	57	47	42(13)	66	39	63	42
		66	39	63	42(90)	44	44	60	60	39	66	42	63(270)
111.5	6.2	62	62	42	42	67	55	48	38(22)	69	36	64	39
		68	35	65	40(94)	43	43	62	62	35	68	40	65(265)
118.1	6.0	64	64	40	40	72	53	49	34(29)	72	33	67	37
		70	31	69	39(100)	41	41	64	64	31	69	39	69(259)
124.7	5.5	65	65	39	39	75	52	50	32(32)	74	30	69	35
		71	28	71	38(103)	39	39	65	65	28	71	39	71(256)
131.2	5.3	67	67	37	37	79	49	51	28(36)	77	27	71	33
		72	24	74	37(106)	37	37	67	67	24	72	38	75(253)
137.8	4.9	68	68	35	35	81	49	51	26(37)	79	25	73	31
		73	21	77	37(108)	36	36	68	68	21	73	37	77(251)
144.4	4.6	70	70	34	34	85	46	53	23(40)	82	22	75	29
		74	17	79	36(110)	34	34	70	70	17	74	37	80(249)
150.9	4.2	71	71	32	32	87	45	53	21(41)	84	20	76	27
		75	15	81	35(111)	33	33	71	71	15	75	36	81(248)
157.5	4.0	73	73	31	31	90	45	53	19(40)	87	17	78	25
		76	11	84	35(112)	31	31	72	72	11	76	35	84(247)
164.0	3.7	74	74	29	29	93	44	53	16(41)	90	14	80	23
		80	9	86	32(109)	29	29	74	74	9	79	32	86(250)

 HA= 96.5 HI=108.3 GGW= 68.6 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 = 110.2 ft Length of jib = 108.3 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(...)								
	4(...)				5(180)								
	A	B	C	D	A	B	C	D	6(...)				
78.7	8.4	54	54	51	51	56	52	53	50(59)	56	51	54	51
		54	50	55	52(128)	52	52	54	54	50	54	52	55(232)
85.3	7.9	56	56	49	49	60	50	54	47(59)	59	47	57	48
		55	46	58	51(128)	49	49	56	56	46	55	51	58(232)
91.9	7.5	58	58	47	47	63	48	56	44(59)	62	44	59	45
		62	44	59	45(90)	47	47	58	58	44	62	45	59(270)
98.4	7.3	60	60	45	45	62	58	46	43(9)	66	40	62	42
		66	40	62	42(90)	45	45	60	60	40	66	42	62(270)
105.0	6.8	62	62	43	43	67	56	47	39(20)	69	37	64	40
		68	36	65	41(93)	43	43	62	62	36	68	41	65(266)
111.5	6.4	64	64	41	41	71	54	49	36(27)	71	34	66	38
		69	32	68	40(99)	41	41	63	63	32	69	40	68(260)
118.1	6.0	65	65	39	39	74	52	49	33(31)	74	31	68	36
		71	29	71	39(102)	40	40	65	65	29	70	39	71(257)
124.7	5.7	67	67	37	37	78	50	51	29(35)	77	28	71	33
		72	24	74	38(106)	37	37	67	67	24	72	38	74(253)
131.2	5.5	69	69	35	35	83	48	52	26(38)	80	24	73	30
		73	20	77	37(109)	35	35	69	69	20	73	37	78(250)
137.8	5.1	70	70	34	34	85	47	53	23(40)	82	22	75	29
		74	17	80	36(110)	34	34	70	70	17	74	37	80(249)
144.4	4.9	72	72	32	32	89	45	53	20(41)	85	19	77	26
		76	14	83	35(112)	32	32	72	72	14	75	36	83(247)
150.9	4.4	73	73	31	31	91	45	53	18(40)	87	17	78	25
		76	11	85	35(113)	31	31	73	73	11	76	35	85(246)
157.5	4.2	75	75	29	29	94	44	54	15(41)	90	13	81	22
		81	8	87	31(109)	29	29	74	74	8	80	32	87(250)
164.0	4.0	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)
177.2	3.1	78	78	25	25	101	41	55	9(43)	96	7	85	17
		84	1	92	29(111)	25	25	78	78	0	83	30	93(248)

 HA=110.2 HI=108.3 GGW= 68.6 SL= 0.0 MAX(A,B,C,D)= 9.4 7.7 8.6 8.6

Main boom and fixed jib (jib angle 40.0 degrees)
 Length of main boom = 124.3 ft Length of jib = 108.3 ft
 Main boom sequence = 0-0-0-90-90-90 % LK = 45
 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	6(...)

85.3	7.9	57	57	48	48	61	49	55	46(59)	60	46	58	47
		56	45	59	51(128)	49	49	56	56	45	56	51	59(232)
91.9	7.5	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)
98.4	7.1	61	61	44	44	63	58	46	42(11)	66	39	62	42
		66	39	62	42(90)	45	45	60	60	39	66	42	62(270)
105.0	6.8	63	63	42	42	69	55	48	37(24)	70	35	65	39
		69	34	66	40(96)	42	42	62	62	34	69	40	66(263)
111.5	6.6	65	65	40	40	74	53	49	33(30)	73	32	68	36
		70	30	70	39(102)	40	40	65	65	29	70	39	70(257)
118.1	6.2	67	67	38	38	77	51	50	30(34)	76	29	70	34
		72	26	73	38(105)	38	38	66	66	26	71	39	73(254)
124.7	6.0	69	69	36	36	82	49	52	27(37)	80	25	73	31
		73	22	77	37(108)	36	36	68	68	21	73	38	77(251)
131.2	5.5	70	70	34	34	85	47	52	24(39)	82	22	75	29
		74	18	79	37(110)	35	35	69	69	18	74	37	79(249)
137.8	5.3	72	72	32	32	89	45	54	21(41)	85	19	77	27
		75	14	82	36(112)	33	33	71	71	14	75	36	83(247)
144.4	5.1	74	74	30	30	92	45	53	17(40)	88	16	79	24
		77	10	86	35(113)	31	31	73	73	10	77	35	86(246)
150.9	4.6	75	75	29	29	94	44	54	15(41)	90	14	81	22
		81	8	87	32(109)	29	29	75	75	8	80	32	87(250)
157.5	4.4	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)
164.0	4.2	78	78	25	25	101	41	55	9(43)	96	7	85	18
		84	1	93	30(111)	25	25	78	78	1	83	30	93(248)
177.2	2.6	78	78	25	25	101	41	55	9(43)	95	7	85	18
		83	1	92	29(111)	25	25	78	78	1	82	30	92(248)

 HA=124.3 HI=108.3 GGW= 68.6 SL= 0.0 MAX(A,B,C,D)= 9.4 7.7 8.6 8.6

Main boom and fixed jib (jib angle 40.0 degrees)
 Length of main boom = 138.1 ft Length of jib = 108.3 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)		6(...)						
	A	B	C	D	A	B	C	D					
85.3	7.7	58	58	48	48	62	49	55	45(59)	61	45	58	47
		56	44	60	50(128)	48	48	57	57	44	56	50	60(232)
91.9	7.5	60	60	45	45	60	60	46	45(2)	65	41	61	43
		65	41	61	43(90)	46	46	59	59	41	65	43	61(270)
98.4	7.1	62	62	43	43	66	57	47	40(18)	68	37	64	41
		68	37	64	41(91)	44	44	61	61	37	68	41	64(268)
105.0	6.8	64	64	41	41	72	54	49	35(28)	72	34	67	37
		70	32	68	39(99)	41	41	63	63	32	69	40	69(260)
111.5	6.6	66	66	38	38	77	52	50	31(33)	76	30	70	35
		72	27	73	38(104)	39	39	66	66	27	71	39	73(255)
118.1	6.2	68	68	37	37	80	50	51	28(36)	78	26	72	32
		73	23	75	38(107)	37	37	67	67	23	72	38	76(252)
124.7	6.0	70	70	34	34	85	47	52	24(39)	82	23	75	29
		74	19	79	37(110)	35	35	70	70	19	74	37	79(249)

131.2	5.7	72	72	32	32	89	45	54	21(41)	86	19	77	27
		76	14	83	36(112)	33	33	72	72	14	75	36	83(247)
137.8	5.5	74	74	30	30	93	45	53	17(40)	89	16	80	24
		77	10	86	35(113)	30	30	74	74	10	77	35	86(246)
144.4	5.3	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)
150.9	4.9	77	77	26	26	99	42	55	11(42)	94	10	84	19
		83	4	91	30(110)	27	27	77	77	4	83	31	91(249)
157.5	4.2	78	78	26	26	101	41	55	10(43)	95	8	85	19
		83	2	92	30(111)	26	26	77	77	2	82	31	92(248)
164.0	3.5	78	78	25	25	101	41	55	9(43)	96	7	85	18
		84	1	92	29(111)	25	25	78	78	1	83	30	93(248)

 HA=138.1 HI=108.3 GGW= 68.6 SL= 0.0 MAX(A,B,C,D)= 9.4 7.7 8.6 8.6

Main boom and fixed jib (jib angle 40.0 degrees)
 Length of main boom = 152.2 ft Length of jib = 108.3 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					
91.9	7.3	60	60	45	45	62	58	46	43(8)	65	40	62	43
		65	40	62	43(90)	45	45	60	60	40	65	43	62(270)
98.4	7.1	63	63	42	42	69	55	48	38(23)	70	36	65	39
		69	35	66	40(95)	43	43	62	62	35	68	41	66(264)
105.0	6.8	65	65	40	40	74	52	50	33(31)	74	32	68	36
		71	30	70	39(102)	40	40	65	65	30	70	39	71(257)
111.5	6.4	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)
118.1	6.2	69	69	35	35	83	48	52	26(38)	80	24	73	31
		74	21	78	37(109)	36	36	69	69	21	73	38	78(250)
124.7	6.0	71	71	33	33	88	46	54	22(41)	84	21	76	28
		75	16	81	36(111)	34	34	71	71	16	75	37	82(248)
131.2	5.7	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)
137.8	5.5	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)
144.4	5.3	78	78	26	26	100	42	56	11(43)	95	9	84	19
		83	3	91	31(111)	27	27	77	77	3	82	31	91(248)
150.9	4.4	78	78	26	26	100	41	55	10(43)	95	9	84	19
		83	2	91	30(111)	26	26	77	77	2	82	31	92(248)
157.5	3.7	78	78	25	25	101	41	55	9(43)	96	7	85	18
		84	1	92	30(111)	25	25	78	78	1	83	30	93(248)
164.0	2.9	78	78	25	25	101	41	55	9(43)	96	7	85	18
		83	1	92	29(111)	25	25	78	78	1	82	30	92(248)

 HA=152.2 HI=108.3 GGW= 68.6 SL= 0.0 MAX(A,B,C,D)= 9.4 7.7 8.6 8.6

Main boom and fixed jib (jib angle 40.0 degrees)
 Length of main boom = 166.0 ft Length of jib = 108.3 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)							
	4(...)				5(180)				6(...)							
A	B	C	D	A	B	C	D	A	B	C	D					
91.9	7.3	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)
98.4	6.8	63	63	41	41	71	54	49	36	(26)	71	34	66	38		
		69	33	67	40	(98)	42	42	63	63		33	69	40	68	(261)
105.0	6.6	66	66	39	39	76	52	50	32	(33)	75	30	69	35		
		71	28	72	39	(104)	39	39	65	65		27	71	39	72	(255)
111.5	6.4	68	68	36	36	81	49	52	27	(37)	79	26	73	32		
		73	22	76	38	(108)	37	37	68	68		22	73	38	77	(251)
118.1	6.2	71	71	34	34	86	47	53	23	(40)	83	22	75	29		
		75	17	80	36	(110)	34	34	70	70		17	75	37	80	(249)
124.7	6.0	73	73	31	31	91	46	53	19	(40)	87	18	78	26		
		77	13	84	35	(112)	32	32	73	73		12	76	36	84	(247)
131.2	5.7	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	88	(250)
137.8	5.3	77	77	27	27	98	43	55	12	(42)	94	11	84	20		
		83	5	90	31	(110)	28	28	77	77		5	82	31	90	(249)
144.4	4.2	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)
150.9	3.3	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)
157.5	2.6	77	77	26	26	99	41	55	10	(43)	94	9	84	19		
		82	2	91	30	(111)	26	26	77	77		2	82	31	91	(248)

HA=166.0 HI=108.3 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 = 180.1 ft Length of jib = 108.3 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(...)				5(180)				6(...)							
A	B	C	D	A	B	C	D	A	B	C	D					
98.4	6.8	65	65	40	40	73	53	49	34	(30)	73	32	68	37		
		70	30	70	39	(101)	41	41	64	64		30	70	40	70	(258)
105.0	6.6	67	67	37	37	79	50	51	29	(35)	77	28	71	33		
		72	25	74	38	(106)	38	38	67	67		25	72	39	75	(253)
111.5	6.4	70	70	35	35	84	48	53	25	(39)	82	24	74	30		
		74	20	78	37	(109)	35	35	69	69		19	74	37	79	(250)
118.1	6.2	72	72	32	32	89	46	54	21	(41)	86	19	77	27		
		76	14	83	36	(112)	33	33	72	72		14	75	37	83	(247)
124.7	6.0	75	75	30	30	94	45	54	17	(41)	90	15	80	24		
		78	9	87	34	(113)	30	30	74	74		9	78	35	87	(246)
131.2	5.1	75	75	29	29	95	44	54	15	(41)	91	13	81	22		
		81	8	87	31	(109)	29	29	75	75		8	81	32	88	(250)
137.8	4.2	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	88	(249)

144.4 3.3 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)
 150.9 2.4 76 76 27 27 97 42 54 12(42) 92 10 82 20
 82 4 89 30(110) 27 27 76 76 4 81 31 89(249)

 HA=180.1 HI=108.3 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 = 193.9 ft Length of jib = 108.3 ft
 Main boom sequence = 45-90-90-90-90 % 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		
105.0	6.4	68	68	36	36	81	49	52	27(37)	79 26 73 32
		73	22	76	38(108)	37	37	68	68	22 73 38 77(251)
111.5	6.2	71	71	34	34	87	47	53	23(40)	84 21 76 28
		75	17	81	37(111)	34	34	71	71	17 75 37 81(248)
118.1	6.0	74	74	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)
124.7	5.1	75	75	30	30	93	45	54	16(41)	90 15 80 23
		80	9	86	32(109)	30	30	74	74	9 80 33 86(250)
131.2	4.0	75	75	29	29	94	44	54	15(41)	90 14 80 23
		80	9	86	32(109)	29	29	74	74	8 80 32 87(250)
137.8	2.9	74	74	29	29	94	44	53	15(41)	90 13 80 22
		80	8	86	31(109)	29	29	74	74	8 80 32 86(250)

 HA=193.9 HI=108.3 GGW= 68.6 SL= 0.0 MAX(A,B,C,D)= 8.7 7.4 8.0 8.0

HA=193.9 HI=108.3 GGW= 68.6 SL= 0.0 MAX(A,B,C,D)= 0.0 0.0 0.0 0.0

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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/22137912_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 KS

 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 = 108.3 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)				
		4(...)				5(180)				6(...)				
A	B	C	D	A	B	C	D	A	B	C	D			
23.0	20.5	46	46	60	60	39	60	48	64(59)	41	65	43	62	
		48	67	41	55(128)	60	60	45	45	67	48	55	41(232)	
26.2	19.4	47	47	58	58	41	58	49	62(59)	43	62	45	60	
		48	64	43	54(128)	58	58	46	46	64	48	54	43(232)	
29.5	18.3	48	48	56	56	43	56	49	59(59)	44	60	46	58	
		49	61	44	54(128)	57	57	47	47	61	49	54	44(232)	
32.8	17.4	49	49	55	55	45	55	50	57(59)	46	58	47	56	
		50	59	46	53(128)	55	55	48	48	59	50	53	46(232)	
39.4	15.7	50	50	52	52	49	53	50	53(59)	49	54	50	53	
		50	54	49	52(127)	53	53	50	50	54	51	52	49(232)	
45.9	14.1	52	52	50	50	52	50	51	50(59)	52	50	52	50	
		52	50	52	51(127)	50	50	52	52	50	52	51	52(232)	
52.5	12.6	53	53	48	48	55	49	52	47(59)	54	47	54	48	
		52	46	54	50(128)	48	48	53	53	46	52	50	54(232)	
59.1	11.2	54	54	47	47	58	47	52	44(59)	56	44	55	45	
		53	43	56	49(128)	47	47	54	54	43	53	49	56(232)	
65.6	10.4	55	55	45	45	61	45	53	41(59)	59	41	57	43	
		59	41	57	43(90)	45	45	56	56	41	59	43	57(270)	
72.2	9.5	56	56	43	43	56	56	43	43(0)	61	38	59	41	
		61	38	59	41(90)	43	43	57	57	38	61	41	59(270)	
78.7	8.6	58	58	42	42	60	54	44	40(12)	63	36	60	39	
		63	36	60	39(90)	41	41	58	58	36	63	39	60(270)	
85.3	7.9	59	59	40	40	63	53	45	37(20)	65	34	62	37	
		65	33	62	38(93)	40	40	59	59	33	64	38	62(266)	
91.9	7.3	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)	
98.4	6.8	61	61	37	37	69	50	46	31(29)	69	29	65	34	
		67	27	67	37(101)	37	37	61	61	27	66	37	67(258)	
105.0	6.2	62	62	36	36	71	48	47	30(32)	71	27	66	33	
		67	25	68	36(103)	36	36	62	62	24	67	36	68(256)	
111.5	5.7	63	63	35	35	73	47	47	27(34)	72	25	67	31	
		68	22	70	35(105)	35	35	63	63	22	67	36	70(254)	
118.1	5.5	64	64	34	34	77	45	49	24(37)	75	22	69	29	
		69	19	73	35(107)	33	33	65	65	19	69	35	73(252)	
124.7	5.3	65	65	32	32	80	44	49	22(39)	77	20	71	27	
		70	16	75	34(109)	32	32	66	66	16	69	34	75(250)	
131.2	4.9	66	66	31	31	81	43	49	21(39)	78	18	72	26	
		70	14	77	34(110)	30	30	67	67	14	70	34	77(249)	

HA= 40.7 HI=108.3 GGW= 55.8 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 = 54.5 ft Length of jib = 108.3 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)							
	4(...)		5(180)		6(...)											
A	B	C	D	A	B	C	D	A	B	C	D	A	B	C	D	
26.2	18.7	46	46	58	58	40	58	49	62(59)	42	63	44	60			
		48	64	42	54(128)	58	58	46	46	64	48	54	42(232)			
29.5	18.1	48	48	56	56	43	56	49	59(59)	44	60	46	58			
		49	61	44	54(128)	57	57	47	47	61	49	54	44(232)			
32.8	17.2	49	49	55	55	45	55	50	57(59)	46	58	47	56			
		50	58	46	53(128)	55	55	48	48	58	50	53	46(232)			
39.4	15.4	50	50	52	52	49	52	50	53(59)	49	53	50	53			
		50	54	49	52(127)	53	53	50	50	54	50	52	49(232)			
45.9	14.1	52	52	50	50	53	50	52	49(59)	53	49	52	50			
		52	49	52	50(127)	50	50	52	52	49	52	50	52(232)			
52.5	13.0	54	54	48	48	56	48	52	46(59)	56	46	54	47			
		53	45	56	50(128)	48	48	54	54	45	53	50	56(232)			
59.1	11.7	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)			
65.6	10.8	56	56	44	44	62	44	54	40(59)	60	40	58	42			
		60	40	58	42(90)	44	44	56	56	40	60	42	58(270)			
72.2	9.9	58	58	42	42	60	55	44	41(9)	63	37	60	40			
		63	37	60	40(90)	42	42	58	58	37	63	40	60(270)			
78.7	9.3	59	59	41	41	64	53	45	37(20)	65	34	62	38			
		65	34	62	38(92)	40	40	59	59	34	65	38	62(267)			
85.3	8.4	60	60	39	39	66	52	46	35(24)	67	32	63	36			
		66	31	64	37(96)	39	39	60	60	31	65	38	64(263)			
91.9	7.7	61	61	38	38	69	50	47	32(29)	69	30	65	35			
		67	28	66	37(100)	37	37	61	61	28	66	37	67(259)			
98.4	7.3	62	62	36	36	72	49	47	29(32)	71	27	66	33			
		68	24	69	36(103)	36	36	63	63	24	67	36	69(256)			
105.0	6.8	63	63	35	35	75	47	48	27(35)	73	24	68	31			
		69	21	71	35(106)	34	34	64	64	21	68	36	71(253)			
111.5	6.4	65	65	33	33	78	45	49	24(37)	75	22	70	29			
		69	19	73	35(108)	33	33	65	65	18	69	35	74(251)			
118.1	6.0	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	75(250)			
124.7	5.5	67	67	31	31	82	43	50	20(40)	79	18	72	26			
		71	14	77	34(110)	30	30	67	67	14	71	34	77(249)			
131.2	5.3	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)			
137.8	4.9	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)			
144.4	4.6	70	70	27	27	88	41	50	15(40)	85	12	77	21			
		76	7	82	29(108)	27	27	71	71	7	76	30	82(251)			

HA= 54.5 HI=108.3 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 = 68.6 ft Length of jib = 108.3 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(...)				5(180)				6(...)				
	A	B	C	D	A	B	C	D	A	B	C	D	
29.5	17.0	47	47	57	57	42	57	49	60(59)	43	60	45	58
		48	62	43	54(128)	57	57	47	47	62	48	54	43(232)
32.8	16.3	48	48	55	55	44	55	49	58(59)	45	58	47	56
		49	59	45	53(128)	56	56	48	48	59	49	53	45(232)
39.4	15.0	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)
45.9	13.9	52	52	50	50	53	50	51	49(59)	52	49	52	50
		52	49	52	50(127)	50	50	52	52	49	52	50	52(232)
52.5	12.8	54	54	48	48	56	48	52	46(59)	56	46	54	47
		53	45	55	50(128)	48	48	54	54	45	53	50	55(232)
59.1	11.7	55	55	46	46	60	46	53	43(59)	58	43	56	45
		54	41	58	49(128)	46	46	55	55	41	54	49	58(232)
65.6	10.8	56	56	44	44	63	44	54	40(59)	61	39	58	42
		61	39	58	42(90)	44	44	57	57	39	61	42	58(270)
72.2	9.7	58	58	42	42	59	55	44	41(9)	63	37	60	40
		63	37	60	40(90)	42	42	58	58	37	63	40	60(270)
78.7	9.0	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)
85.3	8.2	60	60	39	39	66	52	46	35(24)	67	32	63	36
		66	31	64	37(96)	39	39	60	60	31	65	38	64(263)
91.9	7.5	61	61	38	38	69	50	46	32(28)	69	30	64	35
		66	28	66	37(100)	37	37	61	61	28	66	37	66(259)
98.4	6.8	62	62	37	37	71	49	47	30(31)	71	28	66	33
		67	25	68	36(103)	36	36	62	62	25	67	37	68(256)
105.0	6.2	62	62	35	35	73	48	47	28(33)	72	26	67	32
		68	23	70	35(104)	35	35	63	63	23	67	36	70(255)
111.5	5.7	63	63	34	34	75	46	48	26(36)	74	24	68	30
		69	20	72	35(106)	34	34	64	64	20	68	35	72(253)
118.1	5.3	65	65	33	33	78	45	49	24(37)	75	22	70	28
		69	18	74	34(108)	32	32	65	65	18	69	35	74(251)
124.7	4.9	65	65	32	32	80	44	49	22(39)	77	20	71	27
		70	16	75	34(109)	31	31	66	66	16	69	34	75(250)
131.2	4.4	66	66	31	31	81	43	50	20(40)	78	18	72	26
		71	14	77	33(110)	30	30	67	67	14	70	34	77(249)
137.8	4.0	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)
144.4	3.7	68	68	29	29	85	43	49	17(39)	82	15	74	23
		72	9	80	32(112)	28	28	69	69	9	71	33	80(247)
150.9	3.5	69	69	28	28	87	41	50	15(40)	83	13	76	22
		75	8	81	30(108)	27	27	70	70	7	75	30	81(251)
157.5	3.3	70	70	26	26	89	40	50	13(41)	85	11	77	20
		76	6	82	29(109)	26	26	71	71	5	75	30	83(250)

HA= 68.6 HI=108.3 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 0.0 degrees)
Length of main boom = 70.2 ft Length of jib = 108.3 ft
Main boom sequence = 0-0-0-0-0-100 % LK = 14
Counterweight = 55.8 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	
29.5	16.8	47	47	57	57	42	57	49	60(59)	43	61	45	58
		48	62	43	54(128)	57	57	46	46	62	48	54	43(232)
32.8	16.1	48	48	55	55	44	55	49	58(59)	45	58	46	56
		49	59	45	53(128)	56	56	47	47	59	49	53	45(232)
39.4	14.8	50	50	53	53	48	53	50	54(59)	49	54	49	53
		50	54	49	52(128)	53	53	50	50	54	50	52	49(232)
45.9	13.4	51	51	50	50	52	50	51	50(59)	52	50	52	50
		51	50	52	50(127)	50	50	51	51	50	51	51	52(232)
52.5	12.1	53	53	48	48	55	48	52	47(59)	54	47	54	48
		52	46	54	50(128)	48	48	53	53	46	52	50	54(232)
59.1	10.8	54	54	47	47	58	47	52	44(59)	56	44	55	45
		53	43	56	49(128)	46	46	54	54	43	53	49	56(232)
65.6	9.5	55	55	45	45	59	45	53	42(59)	58	41	56	44
		53	40	58	48(128)	45	45	55	55	40	53	48	58(232)
72.2	8.4	55	55	44	44	61	44	53	40(59)	60	39	57	42
		60	39	57	42(90)	43	43	56	56	39	60	42	57(270)
78.7	7.7	57	57	42	42	58	55	43	41(7)	62	37	59	40
		62	37	59	40(90)	42	42	57	57	37	62	40	59(270)
85.3	7.1	58	58	41	41	62	53	44	38(17)	64	34	61	38
		64	34	61	38(90)	40	40	58	58	34	64	38	61(269)
91.9	6.4	59	59	39	39	64	52	45	35(22)	65	32	62	37
		65	31	63	37(95)	39	39	59	59	31	64	38	63(264)
98.4	5.7	60	60	38	38	66	50	45	33(26)	67	30	63	35
		65	29	64	37(98)	38	38	60	60	29	65	37	65(261)
105.0	5.1	60	60	37	37	68	49	46	32(29)	68	29	64	34
		66	27	66	36(100)	37	37	61	61	27	65	37	66(259)
111.5	4.6	61	61	36	36	70	48	46	30(31)	70	27	65	32
		66	24	68	36(103)	35	35	62	62	24	66	36	68(256)
118.1	4.2	62	62	35	35	72	47	47	28(33)	71	25	66	31
		67	22	69	35(104)	34	34	63	63	22	67	35	69(255)
124.7	4.0	63	63	34	34	75	45	48	25(36)	74	23	68	29
		68	19	72	35(107)	33	33	64	64	19	68	35	72(252)
131.2	3.5	64	64	33	33	77	45	48	24(37)	75	21	69	28
		69	18	73	34(108)	32	32	65	65	17	68	35	73(251)
137.8	3.1	64	64	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)
144.4	2.9	65	65	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)
150.9	2.6	67	67	30	30	82	43	49	19(38)	79	16	73	24
		71	11	78	33(111)	29	29	67	67	11	70	33	78(248)
157.5	2.4	67	67	29	29	84	42	49	17(39)	81	15	74	23
		71	9	79	32(112)	28	28	68	68	9	71	33	79(247)
164.0	2.2	68	68	28	28	86	41	49	16(40)	82	13	75	22
		74	8	80	30(108)	27	27	69	69	8	74	30	80(251)

HA= 70.2 HI=108.3 GGW= 55.8 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 = 82.3 ft Length of jib = 108.3 ft
Main boom sequence = 0-0-0-0-45-90 % LK = 20
Counterweight = 55.8 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	A	B	C	D		
32.8	15.9	48	48	55	55	44	55	49	57(59)	45	58	47	56				
		49	59	45	53(128)	55	55	48	48	59	49	53	45(232)				
39.4	14.8	50	50	52	52	49	52	50	53(59)	49	53	50	52				
		50	54	49	52(127)	52	52	50	50	54	50	52	49(232)				
45.9	13.7	52	52	50	50	53	50	52	49(59)	53	49	52	49				
		52	49	53	50(127)	50	50	52	52	49	52	50	53(232)				
52.5	12.8	54	54	47	47	57	48	53	45(59)	56	45	55	46				
		53	44	56	49(128)	47	47	54	54	44	53	49	56(232)				
59.1	11.9	56	56	45	45	61	45	54	42(59)	60	41	58	43				
		60	41	58	43(90)	45	45	56	56	41	60	43	58(270)				
65.6	11.0	58	58	43	43	58	56	44	42(5)	62	38	60	41				
		62	38	60	41(90)	43	43	58	58	38	62	41	60(270)				
72.2	10.1	59	59	41	41	63	54	45	38(18)	65	35	62	39				
		65	35	62	39(90)	41	41	59	59	35	65	39	62(269)				
78.7	9.3	60	60	39	39	66	52	46	35(24)	67	32	63	37				
		66	31	64	38(96)	39	39	60	60	31	66	38	64(263)				
85.3	8.6	61	61	38	38	69	50	47	32(29)	69	30	65	35				
		67	28	67	37(100)	38	38	62	62	28	67	37	67(259)				
91.9	7.9	63	63	36	36	72	49	47	29(32)	72	27	67	33				
		68	25	69	36(103)	36	36	63	63	24	68	36	69(256)				
98.4	7.3	63	63	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)				
105.0	6.6	64	64	34	34	77	46	49	25(36)	75	23	69	30				
		69	19	73	35(107)	33	33	65	65	19	69	35	73(252)				
111.5	6.0	65	65	33	33	79	45	49	23(38)	76	21	70	28				
		70	17	74	34(108)	32	32	66	66	17	69	35	74(251)				
118.1	5.7	67	67	31	31	82	43	50	20(40)	79	18	72	26				
		71	14	77	34(110)	31	31	67	67	14	71	34	77(249)				
124.7	5.3	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)				
131.2	4.9	69	69	29	29	86	43	50	17(39)	82	14	75	23				
		72	9	80	32(112)	28	28	69	69	9	72	33	81(247)				
137.8	4.4	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)				
144.4	4.2	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)				
150.9	4.0	72	72	25	25	92	39	51	11(42)	88	8	79	18				
		77	3	85	28(110)	24	24	73	73	2	77	29	86(249)				
157.5	3.7	73	73	24	24	95	39	52	9(42)	90	6	81	17				
		79	0	87	27(110)	23	23	74	74	0	78	28	87(249)				
164.0	3.1	73	73	24	24	94	38	51	9(42)	90	6	80	17				
		78	0	87	27(110)	23	23	73	73	0	78	28	87(249)				

HA= 82.3 HI=108.3 GGW= 55.8 SL= 0.0 MAX(A,B,C,D)= 8.8 7.3 8.1 8.1

Main boom and fixed jib (jib angle 0.0 degrees)
Length of main boom = 84.0 ft Length of jib = 108.3 ft
Main boom sequence = 0-0-0-0-45-100 % LK = 21
Counterweight = 55.8 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	A	B	C	D		
32.8	15.7	48	48	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)			
39.4	14.6	50	50	52	52	49	52	50	53	(59)	49	53	49	53			
		50	54	49	52(128)	52	52	50	50		54	50	52	49(232)			
45.9	13.4	52	52	50	50	53	50	51	49	(59)	52	49	52	50			
		52	49	52	50(127)	50	50	52	52		49	52	50	52(232)			
52.5	12.3	54	54	48	48	56	48	52	46	(59)	56	45	54	47			
		53	45	56	49(128)	48	48	54	54		45	53	49	56(232)			
59.1	11.2	55	55	46	46	60	46	53	43	(59)	58	42	56	44			
		54	41	58	49(128)	45	45	55	55		41	54	49	58(232)			
65.6	10.1	56	56	44	44	62	44	54	40	(59)	60	39	58	42			
		60	39	58	42(90)	44	44	56	56		39	60	42	58(270)			
72.2	9.0	57	57	42	42	59	56	44	41	(7)	62	37	60	40			
		62	37	60	40(90)	42	42	57	57		37	62	40	60(270)			
78.7	7.9	58	58	41	41	61	54	44	39	(15)	63	35	60	39			
		63	35	60	39(90)	41	41	58	58		35	63	39	60(270)			
85.3	7.5	59	59	39	39	65	52	45	35	(24)	66	32	63	36			
		65	31	64	37(96)	39	39	60	60		31	65	38	64(263)			
91.9	6.8	60	60	38	38	68	50	46	32	(28)	68	30	64	35			
		66	28	66	37(99)	37	37	61	61		28	66	37	66(260)			
98.4	6.2	61	61	37	37	70	49	47	30	(31)	70	28	65	33			
		67	26	68	36(102)	36	36	62	62		25	67	36	68(257)			
105.0	5.7	63	63	35	35	73	47	48	28	(34)	72	25	67	31			
		68	22	70	35(105)	35	35	63	63		22	67	36	70(254)			
111.5	5.1	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)			
118.1	4.6	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)			
124.7	4.4	65	65	32	32	80	43	49	22	(39)	77	19	71	27			
		70	15	75	34(109)	31	31	66	66		15	70	34	76(250)			
131.2	4.0	66	66	31	31	82	42	50	20	(40)	79	18	72	26			
		71	13	77	33(110)	30	30	67	67		13	70	34	77(249)			
137.8	3.5	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	78(248)			
144.4	3.3	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	79(252)			
150.9	3.1	69	69	27	27	87	41	50	15	(40)	84	12	76	21			
		75	7	81	29(108)	26	26	70	70		7	75	30	81(251)			
157.5	2.9	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)			
164.0	2.6	71	71	25	25	92	39	51	11	(42)	87	8	78	18			
		77	2	85	28(110)	24	24	72	72		2	76	29	85(249)			

HA= 84.0 HI=108.3 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 = 96.5 ft Length of jib = 108.3 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)		4(...)		5(180)		6(...)		
	A	B	C	D	A	B	C	D	A	B	C	D	
39.4	14.1	50	50	52	52	49	52	50	53(59)	49	53	49	53
		50	54	49	51(128)	52	52	50	50	54	50	51	49(232)
45.9	13.2	52	52	50	50	53	50	52	49(59)	53	49	52	49
		52	49	53	50(127)	50	50	52	52	49	52	50	53(232)
52.5	12.3	54	54	47	47	57	47	53	45(59)	56	45	55	46
		53	44	56	49(128)	47	47	54	54	44	53	49	56(232)
59.1	11.5	56	56	45	45	61	45	54	41(59)	60	41	58	43
		60	41	58	43(90)	45	45	56	56	41	60	43	58(270)
65.6	10.8	58	58	43	43	60	56	44	41(8)	63	37	60	41
		63	37	60	41(90)	43	43	58	58	37	63	41	60(270)
72.2	10.1	60	60	41	41	65	53	46	37(21)	66	34	62	38
		65	34	63	38(93)	40	40	60	60	33	65	39	63(266)
78.7	9.5	61	61	39	39	68	51	47	33(27)	69	31	64	35
		67	29	66	37(99)	38	38	61	61	29	67	38	66(260)
85.3	8.8	62	62	37	37	72	49	48	30(32)	71	28	66	33
		68	26	69	37(103)	37	37	63	63	25	67	37	69(256)
91.9	8.2	64	64	35	35	75	47	49	27(35)	74	25	68	31
		69	22	71	36(105)	35	35	64	64	22	69	36	71(254)
98.4	7.7	65	65	34	34	78	46	49	24(37)	76	22	70	29
		70	19	74	35(108)	33	33	66	66	19	69	35	74(251)
105.0	7.1	66	66	32	32	81	44	50	22(39)	78	20	71	27
		71	16	76	34(109)	32	32	67	67	16	70	35	76(250)
111.5	6.6	68	68	31	31	83	43	50	20(40)	80	18	73	25
		71	13	78	34(111)	30	30	68	68	13	71	34	78(248)
118.1	6.0	68	68	30	30	85	43	50	18(39)	82	16	74	24
		72	11	80	33(111)	29	29	69	69	11	72	33	80(248)
124.7	5.5	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)
131.2	5.3	71	71	27	27	90	41	51	13(41)	86	11	78	21
		77	6	83	29(109)	26	26	71	71	6	76	30	84(250)
137.8	4.9	72	72	26	26	92	40	51	12(41)	88	9	79	19
		78	4	85	28(109)	25	25	72	72	4	77	29	85(250)
144.4	4.6	73	73	24	24	95	39	52	9(42)	90	7	81	17
		79	1	87	28(110)	24	24	74	74	0	78	28	87(249)
150.9	4.0	73	73	24	24	95	39	52	9(42)	90	6	81	17
		79	0	87	27(110)	23	23	74	74	0	78	28	88(249)
157.5	3.3	73	73	24	24	95	38	51	9(42)	90	6	81	17
		79	0	87	27(110)	23	23	74	74	0	78	27	88(249)
164.0	2.6	73	73	24	24	94	38	51	9(42)	90	6	80	17
		78	0	87	27(110)	23	23	73	73	0	78	27	87(249)

HA= 96.5 HI=108.3 GGW= 55.8 SL= 0.0 MAX(A,B,C,D)= 8.8 7.3 8.1 8.2

Main boom and fixed jib (jib angle 0.0 degrees)
Length of main boom = 100.4 ft Length of jib = 108.3 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)		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	
39.4	13.7	49	49	52	52	48	52	50	53(59)	48	54	49	53
		50	54	49	52(128)	52	52	49	49	54	50	52	49(232)
45.9	12.8	52	52	50	50	52	50	51	49(59)	52	49	52	50
		51	49	52	50(127)	50	50	52	52	49	51	50	52(232)
52.5	11.9	54	54	47	47	56	48	52	45(59)	56	45	54	47
		53	44	56	49(128)	47	47	54	54	44	53	49	56(232)
59.1	11.0	55	55	45	45	60	45	53	42(59)	59	42	57	44
		54	40	59	48(128)	45	45	55	55	40	54	48	59(232)
65.6	10.1	57	57	43	43	57	57	43	43(0)	62	38	59	41
		62	38	59	41(90)	43	43	57	57	38	62	41	59(270)
72.2	9.5	58	58	41	41	62	54	45	38(17)	64	35	61	39
		64	35	61	39(90)	41	41	59	59	35	64	39	61(269)
78.7	8.6	60	60	40	40	65	52	45	35(23)	67	32	63	37
		66	32	64	38(95)	39	39	60	60	32	65	38	64(264)
85.3	7.7	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)
91.9	7.1	62	62	37	37	71	49	47	30(31)	70	28	66	33
		67	26	68	36(102)	36	36	62	62	25	67	36	68(257)
98.4	6.6	63	63	35	35	74	47	48	27(34)	73	25	68	31
		68	22	71	35(105)	35	35	63	63	22	68	36	71(254)
105.0	6.2	65	65	34	34	77	45	49	25(37)	75	22	69	29
		69	19	73	35(107)	33	33	65	65	19	69	35	73(252)
111.5	5.5	65	65	32	32	79	45	49	23(38)	77	21	70	28
		70	17	75	34(109)	32	32	66	66	17	69	35	75(250)
118.1	5.1	66	66	31	31	81	43	50	21(39)	78	19	72	26
		71	14	77	34(110)	31	31	67	67	14	70	34	77(249)
124.7	4.6	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)
131.2	4.2	68	68	29	29	85	43	49	17(39)	82	15	74	23
		72	10	80	33(112)	28	28	69	69	10	71	33	80(247)
137.8	4.0	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)
144.4	3.7	71	71	26	26	90	40	51	13(41)	86	10	78	20
		77	5	84	29(109)	25	25	71	71	4	76	29	84(250)
150.9	3.5	72	72	25	25	93	39	51	10(42)	88	8	79	18
		78	2	86	28(110)	24	24	73	73	2	77	29	86(249)
157.5	3.1	73	73	24	24	94	39	51	9(42)	89	7	80	17
		78	1	87	27(110)	23	23	73	73	0	78	28	87(249)
164.0	2.6	73	73	23	23	95	38	51	8(42)	90	6	81	16
		78	0	88	26(110)	23	23	74	74	0	77	27	88(249)

HA=100.4 HI=108.3 GGW= 55.8 SL= 0.0 MAX(A,B,C,D)= 8.8 7.2 8.2 8.2

Main boom and fixed jib (jib angle 0.0 degrees)
Length of main boom = 110.2 ft Length of jib = 108.3 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)			
	4(...)				5(180)				6(...)			
	A	B	C	D	A	B	C	D	A	B	C	D

39.4	13.7	50	50	52	52	49	52	50	52(59)	49	53	50	52
		50	53	49	51(127)	52	52	50	50	53	50	51	49(232)
45.9	12.8	52	52	49	49	54	49	52	48(59)	53	48	53	49
		52	48	53	50(128)	49	49	52	52	48	52	50	53(232)
52.5	12.1	54	54	47	47	58	47	53	44(59)	57	44	56	45
		53	43	57	49(128)	47	47	54	54	43	53	49	57(232)
59.1	11.5	57	57	44	44	63	45	54	40(59)	61	40	58	42
		61	40	58	42(90)	44	44	57	57	40	61	42	58(270)
65.6	10.8	59	59	42	42	62	55	45	39(15)	64	36	61	39
		64	36	61	39(90)	42	42	59	59	36	64	39	61(270)
72.2	10.1	60	60	40	40	67	52	46	35(25)	68	32	63	37
		66	31	65	38(97)	39	39	61	61	31	66	38	65(262)
78.7	9.7	62	62	37	37	72	50	48	31(31)	71	28	66	34
		68	26	69	37(102)	37	37	63	63	26	68	37	69(257)
85.3	9.0	64	64	35	35	75	48	49	28(35)	74	25	68	32
		69	22	71	36(105)	35	35	64	64	22	69	36	72(254)
91.9	8.4	65	65	34	34	78	46	49	25(37)	76	23	70	29
		70	19	74	35(108)	34	34	66	66	19	70	36	74(251)
98.4	7.9	67	67	32	32	82	44	50	22(39)	79	19	72	27
		71	15	77	34(110)	32	32	67	67	15	71	35	77(249)
105.0	7.5	69	69	30	30	85	44	50	19(39)	82	17	75	25
		73	12	80	33(111)	30	30	69	69	12	72	34	80(248)
111.5	7.1	70	70	28	28	88	43	51	16(40)	84	14	76	22
		76	9	82	30(108)	28	28	71	71	9	76	31	82(251)
118.1	6.4	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)
124.7	6.0	72	72	26	26	92	41	51	12(41)	88	9	79	19
		78	4	85	28(109)	25	25	73	73	4	78	29	85(250)
131.2	5.5	73	73	24	24	95	39	52	10(42)	90	7	80	18
		79	1	87	28(110)	24	24	74	74	1	78	28	87(249)
137.8	4.6	73	73	24	24	94	39	52	9(42)	90	7	80	17
		79	1	87	28(110)	24	24	73	73	1	78	28	87(249)
144.4	4.0	73	73	24	24	95	39	52	9(42)	90	6	81	17
		79	0	87	27(110)	23	23	74	74	0	78	28	88(249)
150.9	3.1	73	73	24	24	94	39	51	9(42)	89	7	80	17
		78	1	86	27(110)	23	23	73	73	1	78	28	87(249)
157.5	2.6	73	73	23	23	95	38	51	8(42)	90	6	81	16
		78	0	88	26(110)	22	22	74	74	0	77	26	88(249)

 HA=110.2 HI=108.3 GGW= 55.8 SL= 0.0 MAX(A,B,C,D)= 8.8 7.3 8.2 8.2

Main boom and fixed jib (jib angle 0.0 degrees)

Length of main boom = 114.5 ft Length of jib = 108.3 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)		6(...)						
	A	B	C	D	A	B	C	D					
45.9	12.6	52	52	49	49	53	49	51	49(59)	53	48	52	49
		52	48	53	50(128)	49	49	52	52	48	52	50	53(232)
52.5	11.7	54	54	47	47	58	47	52	45(59)	56	44	55	46
		53	43	56	49(128)	47	47	54	54	43	53	49	56(232)

59.1	11.0	56	56	44	44	62	45	54	41(59)	60	40	58	43
		60	40	58	43(90)	44	44	56	56	40	60	43	58(270)
65.6	10.4	58	58	42	42	61	55	45	40(12)	63	37	60	40
		63	37	60	40(90)	42	42	58	58	37	63	40	60(270)
72.2	9.5	60	60	40	40	65	53	46	36(22)	66	34	62	37
		65	33	63	38(94)	40	40	60	60	33	65	38	63(265)
78.7	8.8	61	61	38	38	69	51	47	33(28)	69	30	65	35
		67	28	66	37(100)	38	38	61	61	28	66	37	67(259)
85.3	8.2	63	63	37	37	72	49	47	30(32)	71	27	67	33
		68	25	69	36(103)	36	36	63	63	25	68	37	69(256)
91.9	7.5	64	64	35	35	75	47	48	27(35)	74	25	68	31
		69	22	72	35(106)	35	35	64	64	21	68	36	72(253)
98.4	6.8	65	65	34	34	78	46	49	24(37)	76	22	70	29
		69	19	74	35(108)	33	33	65	65	19	69	35	74(251)
105.0	6.4	66	66	32	32	81	44	50	22(39)	78	19	72	27
		71	15	76	34(110)	31	31	67	67	15	70	35	77(249)
111.5	6.0	68	68	30	30	83	44	49	19(38)	81	17	73	25
		72	12	79	33(111)	30	30	68	68	12	71	34	79(248)
118.1	5.5	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)
124.7	5.1	70	70	28	28	88	42	50	15(40)	85	12	77	21
		76	7	82	30(108)	27	27	71	71	7	76	30	82(251)
131.2	4.6	71	71	26	26	90	41	51	13(41)	86	10	78	20
		77	5	84	29(109)	26	26	72	72	5	77	29	84(250)
137.8	4.2	72	72	25	25	92	39	52	11(42)	88	8	79	19
		78	3	85	28(110)	24	24	73	73	3	77	29	86(249)
144.4	3.7	73	73	24	24	94	39	52	9(42)	90	7	80	17
		78	1	87	28(110)	24	24	73	73	1	78	28	87(249)
150.9	3.1	73	73	24	24	94	38	51	9(42)	90	6	80	17
		78	0	87	27(110)	23	23	73	73	0	78	28	87(249)
157.5	2.4	73	73	24	24	94	38	51	9(42)	89	6	80	17
		78	0	87	27(110)	23	23	73	73	0	78	28	87(249)

 HA=114.5 HI=108.3 GGW= 55.8 SL= 0.0 MAX(A,B,C,D)= 8.7 7.2 8.1 8.1

Main boom and fixed jib (jib angle 0.0 degrees)
 Length of main boom = 124.3 ft Length of jib = 108.3 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)		6(...)						
	A	B	C	D	A	B	C	D	A	B	C	D	
45.9	12.1	52	52	49	49	53	49	51	48(59)	53	48	52	49
		52	48	53	50(128)	49	49	52	52	48	52	50	53(232)
52.5	11.7	55	55	46	46	59	47	53	44(59)	58	43	56	45
		53	42	57	49(128)	46	46	55	55	42	53	49	57(232)
59.1	11.0	57	57	44	44	63	44	54	40(59)	61	39	59	42
		61	39	59	42(90)	44	44	57	57	39	61	42	59(270)
65.6	10.4	59	59	41	41	62	54	45	39(16)	65	35	61	39
		65	35	61	39(90)	41	41	59	59	35	65	39	61(270)
72.2	9.9	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)

78.7	9.5	63	63	37	37	73	49	48	30(32)	72	28	67	33
		68	25	70	37(104)	37	37	63	63	25	68	37	70(255)
85.3	9.0	65	65	34	34	77	47	49	26(36)	76	24	70	30
		70	21	73	35(107)	34	34	65	65	20	69	36	73(252)
91.9	8.4	67	67	33	33	81	45	50	23(39)	78	21	72	28
		71	17	76	35(109)	32	32	67	67	17	71	35	76(250)
98.4	7.9	68	68	31	31	84	43	51	19(41)	81	18	74	25
		72	13	79	34(111)	30	30	69	69	13	72	34	79(248)
105.0	7.5	70	70	29	29	87	43	51	17(40)	84	15	76	23
		74	9	82	33(112)	28	28	70	70	9	73	33	82(247)
111.5	7.1	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)
118.1	6.6	73	73	26	26	93	40	52	11(42)	89	9	80	19
		78	3	86	29(110)	25	25	73	73	3	78	29	86(249)
124.7	5.7	73	73	25	25	94	39	52	10(42)	90	8	80	18
		79	2	87	28(110)	24	24	73	73	2	78	29	87(249)
131.2	4.9	73	73	24	24	94	39	52	10(42)	90	7	80	18
		79	1	87	28(110)	24	24	73	73	1	78	28	87(249)
137.8	4.0	73	73	24	24	94	39	52	9(42)	90	7	80	17
		78	1	87	28(110)	24	24	73	73	1	78	28	87(249)
144.4	3.3	73	73	24	24	95	39	51	9(42)	90	6	80	17
		79	0	87	27(110)	23	23	74	74	0	78	28	87(249)
150.9	2.6	73	73	23	23	95	38	51	8(42)	90	6	81	16
		78	0	88	26(110)	23	23	74	74	0	78	27	88(249)

 HA=124.3 HI=108.3 GGW= 55.8 SL= 0.0 MAX(A,B,C,D)= 8.8 7.3 8.2 8.2

Main boom and fixed jib (jib angle 0.0 degrees)
 Length of main boom = 130.9 ft Length of jib = 108.3 ft
 Main boom sequence = 0-0-0-100-100-100 % LK = 46
 Counterweight = 55.8 kip

Radius Cap. [ft]	Cap. [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.			
		1(0)	2(...)	3(90)	4(...)	5(180)	6(...)	7(270)					
		A	B	C	D	A	B	C	D	A	B	C	D
52.5	10.8	54	54	47	47	57	47	52	45(59)	56	44	55	46
		53	43	56	49(128)	47	47	54	54	43	53	49	56(232)
59.1	10.6	56	56	44	44	62	44	54	40(59)	61	40	58	42
		61	40	58	42(90)	44	44	56	56	40	61	42	58(270)
65.6	9.9	58	58	42	42	62	55	45	39(14)	64	36	61	39
		64	36	61	39(90)	41	41	58	58	36	64	39	61(270)
72.2	9.5	60	60	39	39	67	52	46	34(25)	68	32	64	36
		66	31	65	38(97)	39	39	61	61	30	66	38	65(262)
78.7	8.8	62	62	37	37	71	49	47	31(31)	71	28	66	34
		68	26	68	37(102)	37	37	62	62	26	67	37	68(257)
85.3	8.2	64	64	35	35	75	48	48	28(34)	73	25	68	31
		69	22	71	36(105)	35	35	64	64	22	69	36	71(254)
91.9	7.7	65	65	34	34	79	46	49	24(37)	77	22	70	29
		70	18	74	35(108)	33	33	66	66	18	70	35	75(251)
98.4	7.1	67	67	32	32	81	44	50	22(39)	79	19	72	27
		71	15	77	34(110)	32	32	67	67	15	70	35	77(249)
105.0	6.4	68	68	30	30	83	44	49	20(38)	81	17	73	25
		72	13	79	34(111)	30	30	68	68	12	71	34	79(248)

111.5	6.0	69	69	29	29	86	43	50	17(39)	83	14	75	23
		73	9	81	33(112)	28	28	70	70	9	72	33	81(247)
118.1	5.7	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)
124.7	5.3	72	72	25	25	93	39	52	11(42)	88	9	79	19
		78	3	86	29(110)	25	25	73	73	3	77	29	86(249)
131.2	4.6	73	73	24	24	94	39	52	10(42)	89	7	80	18
		78	2	87	28(110)	24	24	73	73	1	78	28	87(249)
137.8	4.0	73	73	24	24	95	39	52	9(42)	90	6	81	17
		79	0	87	27(110)	23	23	74	74	0	78	28	88(249)
144.4	3.1	73	73	24	24	94	39	51	9(42)	90	6	80	17
		78	0	87	27(110)	23	23	73	73	0	78	28	87(249)
150.9	2.4	73	73	23	23	94	38	51	8(42)	90	6	80	17
		78	0	87	27(110)	23	23	73	73	0	78	27	88(249)

 HA=130.9 HI=108.3 GGW= 55.8 SL= 0.0 MAX(A,B,C,D)= 8.8 7.3 8.1 8.2

Main boom and fixed jib (jib angle 0.0 degrees)

Length of main boom = 138.1 ft Length of jib = 108.3 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		
52.5	11.2	55	55	46	46	60	46	53	43(59)	58	43	56	44
		54	41	58	49(128)	46	46	55	55	41	54	49	58(232)
59.1	10.8	58	58	43	43	58	56	44	42(5)	62	38	60	41
		62	38	60	41(90)	43	43	58	58	38	62	41	60(270)
65.6	10.4	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	63(265)
72.2	9.7	62	62	38	38	70	50	47	32(29)	70	30	65	35
		67	28	67	37(101)	38	38	62	62	28	67	37	67(258)
78.7	9.3	64	64	36	36	75	48	48	28(34)	74	26	68	32
		69	23	71	36(105)	35	35	64	64	23	69	36	71(254)
85.3	8.8	66	66	33	33	80	46	50	24(38)	77	22	71	29
		71	18	75	35(108)	33	33	66	66	18	70	35	75(251)
91.9	8.4	68	68	31	31	84	44	51	20(40)	81	18	73	26
		72	14	78	34(111)	31	31	68	68	14	71	35	79(248)
98.4	7.9	70	70	29	29	87	44	50	17(39)	84	15	76	23
		74	10	82	33(112)	29	29	70	70	10	73	34	82(247)
105.0	7.7	72	72	27	27	91	41	52	13(41)	88	11	79	21
		78	6	85	29(109)	26	26	72	72	6	77	30	85(250)
111.5	6.8	73	73	26	26	93	40	52	11(42)	89	9	80	19
		78	4	86	29(110)	25	25	73	73	3	78	30	86(249)
118.1	5.7	73	73	25	25	93	40	52	11(42)	89	9	80	19
		78	3	86	29(110)	25	25	73	73	3	78	29	86(249)
124.7	4.6	72	72	25	25	93	39	52	11(42)	88	8	79	18
		78	3	86	28(110)	24	24	73	73	2	77	29	86(249)
131.2	3.7	72	72	25	25	93	39	51	10(42)	89	8	80	18
		78	2	86	28(110)	24	24	73	73	2	77	29	86(249)
137.8	3.1	73	73	24	24	94	39	51	9(42)	89	7	80	17
		78	1	87	27(110)	23	23	73	73	1	78	28	87(249)

144.4 2.4 73 73 24 24 94 38 51 9(42) 90 6 80 17
 78 0 87 27(110) 23 23 73 73 0 78 27 88(249)

HA=138.1 HI=108.3 GGW= 55.8 SL= 0.0 MAX(A,B,C,D)= 8.8 7.2 8.1 8.1

Main boom and fixed jib (jib angle 0.0 degrees)
 Length of main boom = 145.0 ft Length of jib = 108.3 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(...)								
	4(...)				5(180)								
	A	B	C	D	A	B	C	D	A	B	C	D	
52.5	10.4	54	54	46	46	58	46	52	44(59)	57	43	55	45
		53	42	57	49(128)	46	46	54	54	42	53	49	57(232)
59.1	10.1	57	57	43	43	63	44	54	39(59)	61	39	59	41
		61	39	59	41(90)	43	43	57	57	39	61	41	59(270)
65.6	9.7	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)
72.2	9.3	61	61	38	38	69	51	47	33(28)	69	30	65	35
		67	28	67	37(100)	38	38	62	62	28	67	38	67(259)
78.7	8.8	63	63	36	36	74	48	48	28(34)	73	26	68	32
		69	24	71	36(105)	36	36	64	64	23	68	37	71(254)
85.3	8.4	65	65	34	34	78	46	49	25(37)	76	22	70	29
		70	19	74	35(108)	34	34	66	66	19	70	35	74(251)
91.9	7.7	67	67	32	32	82	44	50	22(39)	79	20	72	27
		71	15	77	34(110)	32	32	67	67	15	71	35	77(249)
98.4	7.3	69	69	30	30	85	44	50	19(39)	82	16	75	24
		72	11	80	34(112)	30	30	69	69	11	72	34	80(247)
105.0	6.8	70	70	28	28	89	42	51	15(40)	85	13	77	22
		77	8	82	30(108)	28	28	71	71	8	76	30	82(251)
111.5	6.2	71	71	27	27	91	41	51	13(41)	87	11	78	20
		77	6	84	29(109)	26	26	72	72	5	77	30	84(250)
118.1	5.3	72	72	26	26	92	41	51	12(41)	88	9	79	19
		78	4	85	28(109)	25	25	72	72	4	77	29	85(250)
124.7	4.4	72	72	25	25	93	39	52	11(42)	88	9	79	19
		78	3	86	28(110)	25	25	73	73	3	77	29	86(249)
131.2	3.5	72	72	25	25	93	39	51	11(42)	88	8	79	18
		78	2	86	28(110)	24	24	73	73	2	77	29	86(249)
137.8	2.9	72	72	24	24	93	39	51	9(42)	89	7	80	17
		78	1	86	28(110)	24	24	73	73	1	77	28	86(249)

HA=145.0 HI=108.3 GGW= 55.8 SL= 0.0 MAX(A,B,C,D)= 8.7 7.2 8.0 8.0

Main boom and fixed jib (jib angle 0.0 degrees)
 Length of main boom = 152.2 ft Length of jib = 108.3 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(...)							
	4(...)				5(180)							
	A	B	C	D	A	B	C	D	A	B	C	D

52.5	10.4	55	55	46	46	59	46	53	43(59)	58	42	56	44
		53	41	58	48(128)	45	45	55	55	41	53	48	58(232)
59.1	10.1	58	58	43	43	59	56	44	41(7)	63	37	60	41
		63	37	60	41(90)	43	43	58	58	37	63	41	60(270)
65.6	9.9	60	60	40	40	66	52	46	35(24)	67	33	63	37
		66	32	64	38(96)	40	40	60	60	32	66	38	64(263)
72.2	9.5	63	63	37	37	72	50	47	31(31)	71	28	66	34
		68	26	69	37(103)	37	37	63	63	26	67	37	69(256)
78.7	9.0	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)
85.3	8.6	67	67	32	32	82	45	50	22(39)	79	20	72	28
		71	16	77	34(109)	32	32	67	67	16	71	35	77(250)
91.9	8.2	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)
98.4	7.9	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)
105.0	6.8	72	72	27	27	91	41	51	13(41)	87	11	78	20
		78	6	84	29(109)	26	26	72	72	6	77	30	84(250)
111.5	5.5	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)
118.1	4.4	71	71	26	26	91	40	51	13(41)	87	10	78	20
		77	5	84	29(109)	26	26	72	72	4	77	29	84(250)
124.7	3.5	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	85(250)
131.2	2.6	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)

HA=152.2 HI=108.3 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 = 161.4 ft Length of jib = 108.3 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)		6(...)						
	A	B	C	D	A	B	C	D					
59.1	8.8	56	56	43	43	62	44	54	40(59)	60	39	58	42
		60	39	58	42(90)	43	43	56	56	39	60	42	58(270)
65.6	8.8	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)
72.2	8.6	62	62	38	38	70	50	47	32(29)	70	30	65	35
		67	28	67	37(101)	38	38	62	62	27	67	37	67(258)
78.7	8.4	64	64	35	35	75	47	49	27(35)	74	25	68	31
		69	22	72	36(106)	35	35	64	64	22	69	36	72(253)
85.3	8.2	67	67	33	33	81	45	50	23(39)	78	21	72	28
		71	17	76	35(109)	32	32	67	67	17	71	35	76(250)
91.9	7.7	69	69	30	30	84	45	50	19(38)	82	17	74	25
		73	12	79	34(111)	30	30	69	69	12	72	34	80(248)
98.4	7.3	70	70	28	28	88	43	51	16(40)	85	13	77	22
		77	9	82	30(108)	28	28	71	71	9	76	31	82(251)
105.0	6.2	71	71	27	27	89	42	50	15(40)	86	12	77	21
		77	7	83	29(108)	27	27	71	71	7	77	30	83(251)

111.5	5.1	71	71	27	27	90	41	51	13(41)	86	11	78	21
	77	6	83	29(109)	26	26	71	71		6	76	30	84(250)
118.1	4.0	71	71	26	26	90	40	51	13(41)	86	11	77	20
	77	5	83	29(109)	26	26	71	71		5	76	30	83(250)
124.7	3.1	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)
131.2	2.2	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=161.4 HI=108.3 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 0.0 degrees)

Length of main boom = 166.0 ft Length of jib = 108.3 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)				4(...)								
	A	B	C	D	A	B	C	D	A	B	C	D	
59.1	9.5	58	58	42	42	60	55	44	40(11)	63	36	60	40
		63	36	60	40(90)	42	42	58	58	36	63	40	60(270)
65.6	9.5	61	61	39	39	68	51	47	34(27)	69	31	64	36
		67	30	66	37(98)	39	39	61	61	30	67	38	66(261)
72.2	9.3	64	64	36	36	74	48	49	28(34)	73	26	68	32
		69	24	71	36(105)	36	36	64	64	23	68	37	71(254)
78.7	8.8	66	66	34	34	79	46	50	24(38)	77	22	71	29
		71	18	75	35(108)	33	33	66	66	18	70	35	75(251)
85.3	8.4	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)
91.9	7.9	70	70	29	29	88	43	51	16(40)	85	14	77	23
		76	9	82	31(108)	28	28	71	71	9	76	31	82(251)
98.4	6.6	71	71	28	28	89	42	51	15(40)	85	13	77	22
		77	8	82	30(108)	28	28	71	71	8	76	30	82(251)
105.0	5.3	70	70	27	27	89	42	50	15(40)	85	12	77	21
		77	7	82	29(108)	27	27	71	71	7	76	30	82(251)
111.5	4.2	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)
118.1	3.1	70	70	26	26	89	40	50	13(41)	85	11	77	20
		76	5	83	29(109)	26	26	71	71	5	76	30	83(250)

 HA=166.0 HI=108.3 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 0.0 degrees)

Length of main boom = 175.5 ft Length of jib = 108.3 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	8.2	56	56	43	43	63	43	54	39(59)	61	38	58	41
		61	38	58	41(90)	43	43	57	57	38	61	41	58(270)

65.6	8.2	59	59	40	40	65	52	45	36(22)	66	33	62	37
		65	32	63	38(94)	40	40	60	60	32	65	38	63(265)
72.2	8.2	62	62	37	37	71	49	47	30(31)	71	28	66	34
		68	26	68	36(102)	37	37	62	62	26	67	37	69(257)
78.7	7.9	65	65	34	34	77	47	49	26(36)	75	23	69	30
		70	20	73	35(107)	34	34	65	65	20	69	36	73(252)
85.3	7.7	67	67	32	32	83	44	51	21(40)	80	19	73	26
		72	15	78	34(110)	31	31	68	68	15	71	35	78(249)
91.9	7.5	70	70	29	29	87	43	50	17(39)	84	15	76	23
		74	9	82	33(112)	29	29	70	70	9	73	33	82(247)
98.4	6.2	70	70	28	28	88	42	50	16(40)	84	13	76	22
		76	9	82	30(108)	28	28	70	70	8	76	31	82(251)
105.0	4.9	70	70	28	28	88	42	50	15(40)	84	13	76	22
		76	8	82	30(108)	27	27	70	70	8	75	30	82(251)
111.5	3.5	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)
118.1	2.6	70	70	27	27	88	41	50	14(40)	84	11	77	21
		76	6	82	29(108)	26	26	70	70	6	75	29	82(251)

HA=175.5 HI=108.3 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 = 180.1 ft Length of jib = 108.3 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)		6(...)						
	A	B	C	D	A	B	C	D					
65.6	8.6	61	61	39	39	68	51	46	33(27)	68	31	64	35
		66	29	66	37(99)	38	38	61	61	29	66	38	66(260)
72.2	8.6	64	64	35	35	75	47	49	28(35)	74	25	68	32
		69	22	71	36(105)	35	35	64	64	22	69	36	71(254)
78.7	8.4	67	67	33	33	81	45	50	23(39)	78	21	72	28
		71	17	76	35(109)	32	32	67	67	17	71	35	76(250)
85.3	8.2	69	69	30	30	86	44	50	18(39)	83	16	75	24
		73	11	81	34(112)	30	30	70	70	11	73	34	81(247)
91.9	6.6	69	69	29	29	86	43	50	17(39)	83	15	75	23
		73	10	81	33(112)	29	29	70	70	9	73	33	81(247)
98.4	5.1	69	69	29	29	86	43	50	17(39)	83	14	75	23
		76	10	80	30(107)	28	28	70	70	9	75	30	80(252)
105.0	3.7	69	69	28	28	86	42	50	16(40)	83	13	75	22
		75	9	80	30(108)	28	28	69	69	9	74	30	80(251)
111.5	2.6	69	69	28	28	87	41	50	15(40)	83	13	75	22
		75	8	80	30(108)	27	27	69	69	8	74	30	81(251)

HA=180.1 HI=108.3 GGW= 55.8 SL= 0.0 MAX(A,B,C,D)= 8.0 7.0 7.5 7.6

Main boom and fixed jib (jib angle 0.0 degrees)
 Length of main boom = 191.9 ft Length of jib = 108.3 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)				6(...)						
	A	B	C	D	A	B	C	D	A	B	C	D			
65.6	6.8	59	59	40	40	64	52	45	36	(21)	65	33	62	37	
		65	33	62	38	(93)	39	39	59	59	32	64	38	62	(266)
72.2	6.8	62	62	37	37	71	49	47	31	(31)	70	28	65	34	
		67	26	68	36	(102)	37	37	62	62	26	67	37	68	(257)
78.7	6.8	65	65	34	34	77	46	49	25	(36)	75	23	69	30	
		69	20	73	35	(107)	34	34	65	65	20	69	35	73	(252)
85.3	6.8	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)
91.9	6.0	69	69	30	30	85	43	50	18	(39)	82	15	75	24	
		72	11	80	33	(112)	29	29	69	69	10	72	34	80	(247)
98.4	4.4	68	68	29	29	85	43	50	17	(39)	82	15	75	23	
		72	10	80	33	(112)	28	28	69	69	10	71	33	80	(247)
105.0	3.1	68	68	29	29	85	42	49	17	(39)	82	14	74	23	
		72	9	80	32	(112)	28	28	69	69	9	71	33	80	(247)

HA=191.9 HI=108.3 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 0.0 degrees)

Length of main boom = 193.9 ft Length of jib = 108.3 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)				6(...)						
	A	B	C	D	A	B	C	D	A	B	C	D			
65.6	7.5	61	61	38	38	68	50	46	33	(28)	69	30	64	35	
		66	28	66	37	(99)	38	38	61	61	28	66	37	66	(260)
72.2	7.5	64	64	35	35	75	47	48	27	(35)	74	25	68	31	
		69	22	71	36	(106)	35	35	64	64	22	68	36	72	(253)
78.7	7.5	67	67	32	32	82	44	50	22	(39)	79	20	72	27	
		71	15	77	34	(110)	32	32	67	67	15	71	35	77	(249)
85.3	6.4	68	68	30	30	84	44	49	19	(38)	81	17	74	25	
		72	12	79	33	(111)	30	30	68	68	12	72	34	79	(248)
91.9	4.9	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)
98.4	3.3	68	68	29	29	84	43	49	18	(39)	81	15	74	24	
		72	10	79	32	(111)	28	28	68	68	10	71	33	79	(248)

HA=193.9 HI=108.3 GGW= 55.8 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 = 205.7 ft Length of jib = 108.3 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(...)				5(180)				6(...)			
	A	B	C	D	A	B	C	D	A	B	C	D

72.2 6.0 62 62 36 36 71 48 47 30(32) 71 27 66 33
 67 25 68 36(103) 36 36 62 62 25 67 36 68(256)
 78.7 6.0 65 65 34 34 78 45 49 24(37) 76 22 70 29
 69 19 73 35(108) 33 33 65 65 19 69 35 74(251)
 85.3 5.7 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)
 91.9 4.2 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)
 98.4 2.6 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)

 HA=205.7 HI=108.3 GGW= 55.8 SL= 0.0 MAX(A,B,C,D)= 7.7 6.6 7.3 7.3

HA=205.7 HI=108.3 GGW= 55.8 SL= 0.0 MAX(A,B,C,D)= 0.0 0.0 0.0 0.0

HA=205.7 HI=108.3 GGW= 55.8 SL= 0.0 MAX(A,B,C,D)= 0.0 0.0 0.0 0.0

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 KS

 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 = 108.3 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(...)	3(90)	4(...)	5(180)	6(...)	7(90)	8(0)				
	A	B	C	D	A	B	C	D	A	B	C	D
45.9 13.0	47	47	54	54	45	54	49	56(59)	45	56	47	55
	49	57	45	52(128)	54	54	47	47	57	49	52	45(232)
52.5 11.9	49	49	52	52	48	52	50	52(59)	48	52	49	52
	49	53	49	51(128)	52	52	49	49	53	49	51	49(232)
59.1 10.8	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)
65.6 9.9	52	52	48	48	54	48	51	47(59)	53	46	53	47
	51	46	53	49(128)	48	48	52	52	46	51	49	53(232)

72.2	9.0	53	53	46	46	56	46	52	44(59)	56	44	54	45
		52	43	56	49(128)	46	46	53	53	43	52	49	56(232)
78.7	8.4	54	54	45	45	60	45	53	41(59)	58	41	56	43
		53	39	58	48(128)	44	44	55	55	39	53	48	58(232)
85.3	7.7	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)
91.9	7.3	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)
98.4	6.6	58	58	40	40	63	52	45	36(20)	65	33	61	37
		64	33	62	38(92)	39	39	59	59	33	64	38	62(267)
105.0	6.2	60	60	38	38	66	50	46	33(26)	67	31	63	35
		65	29	64	37(98)	38	38	60	60	29	65	37	65(261)
111.5	5.7	61	61	37	37	69	49	46	31(30)	69	28	65	34
		66	26	67	36(101)	36	36	61	61	26	66	36	67(258)
118.1	5.5	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(254)
124.7	5.1	63	63	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)
131.2	4.9	65	65	32	32	79	44	49	22(38)	77	20	70	27
		69	16	75	34(109)	32	32	66	66	16	69	34	75(250)

 HA= 40.7 HI=108.3 GGW= 55.8 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 = 54.5 ft Length of jib = 108.3 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)		4(...)						
	A	B	C	D	A	B	C	D	A	B	C	D	
45.9	13.0	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)
52.5	11.9	49	49	52	52	48	51	50	52(59)	49	52	49	52
		50	53	49	51(127)	52	52	49	49	53	50	51	49(232)
59.1	11.0	51	51	50	50	52	49	51	49(59)	51	49	51	49
		51	49	52	50(127)	49	49	51	51	49	51	50	52(232)
65.6	10.1	52	52	48	48	55	48	52	46(59)	54	46	53	47
		52	45	54	49(128)	47	47	53	53	45	52	49	54(232)
72.2	9.5	54	54	46	46	58	46	52	43(59)	57	43	55	45
		53	41	57	48(128)	45	45	54	54	41	53	48	57(232)
78.7	8.6	55	55	44	44	60	44	53	41(59)	59	40	57	43
		59	40	57	43(90)	44	44	55	55	40	59	43	57(270)
85.3	8.2	57	57	42	42	58	55	43	41(7)	62	37	59	40
		62	37	59	40(90)	42	42	57	57	37	62	40	59(270)
91.9	7.5	58	58	41	41	62	53	44	38(17)	64	34	61	38
		64	34	61	38(90)	40	40	58	58	34	64	38	61(269)
98.4	7.1	59	59	39	39	65	51	45	35(24)	66	32	63	36
		65	31	64	37(96)	39	39	60	60	30	65	37	64(263)
105.0	6.6	61	61	37	37	69	50	46	32(29)	69	29	65	34
		66	27	66	36(100)	37	37	61	61	27	66	37	67(259)
111.5	6.2	62	62	36	36	72	48	47	29(32)	71	26	66	32
		67	24	69	36(103)	35	35	62	62	24	67	36	69(256)

118.1	6.0	64	64	34	34	76	46	48	26(36)	74	23	68	30
		69	20	72	35(106)	34	34	64	64	20	68	35	72(253)
124.7	5.5	65	65	33	33	78	45	49	24(37)	76	21	70	28
		69	18	74	34(108)	32	32	65	65	17	69	35	74(251)
131.2	5.3	66	66	31	31	82	43	50	21(40)	78	18	72	26
		71	14	77	34(110)	31	31	67	67	14	70	34	77(249)
137.8	4.9	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)
144.4	4.6	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)

HA= 54.5 HI=108.3 GGW= 55.8 SL= 0.0 MAX(A,B,C,D)= 8.0 6.9 7.4 7.5

Main boom and fixed jib (jib angle 20.0 degrees)

Length of main boom = 68.6 ft Length of jib = 108.3 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)		6(...)						
	A	B	C	D	A	B	C	D					
52.5	11.9	49	49	52	52	49	51	50	52(59)	49	52	49	52
		50	52	49	51(127)	51	51	49	49	52	50	51	49(232)
59.1	11.0	51	51	49	49	52	49	51	49(59)	52	49	51	49
		51	48	52	50(127)	49	49	51	51	48	51	50	52(232)
65.6	10.1	52	52	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)
72.2	9.5	54	54	45	45	58	46	52	43(59)	57	42	56	44
		53	41	57	48(128)	45	45	54	54	41	53	48	57(232)
78.7	8.6	55	55	44	44	61	44	53	40(59)	59	40	57	42
		59	40	57	42(90)	44	44	56	56	40	59	42	57(270)
85.3	7.9	57	57	42	42	58	56	43	41(5)	62	37	59	40
		62	37	59	40(90)	42	42	57	57	37	62	40	59(270)
91.9	7.3	58	58	41	41	61	53	44	38(16)	63	35	60	38
		63	35	60	38(90)	41	41	58	58	35	63	38	60(270)
98.4	6.8	59	59	39	39	65	52	45	35(23)	66	32	62	36
		65	31	63	37(95)	39	39	60	60	31	65	37	63(264)
105.0	6.2	60	60	38	38	67	50	46	33(27)	68	30	63	35
		66	28	65	37(99)	37	37	60	60	28	65	37	65(260)
111.5	5.5	61	61	37	37	69	49	46	31(30)	69	28	65	34
		66	26	67	36(101)	36	36	61	61	26	66	36	67(258)
118.1	5.1	62	62	36	36	72	47	47	28(33)	71	26	66	32
		67	24	69	36(104)	35	35	62	62	23	67	36	69(255)
124.7	4.9	63	63	34	34	75	46	48	26(36)	73	23	68	30
		68	20	71	35(106)	34	34	64	64	20	68	35	72(253)
131.2	4.4	64	64	33	33	77	45	48	24(37)	75	21	69	28
		69	18	73	34(108)	32	32	65	65	18	68	35	73(251)
137.8	4.0	65	65	32	32	79	44	49	22(38)	77	20	70	27
		69	16	75	34(109)	31	31	66	66	16	69	34	75(250)
144.4	3.7	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)
150.9	3.5	68	68	29	29	84	42	49	17(39)	81	15	74	23
		71	10	79	33(112)	28	28	68	68	10	71	33	80(247)

157.5 3.3 69 69 28 28 87 41 50 15(40) 83 12 76 22
 75 8 81 29(108) 27 27 70 70 7 75 30 81(251)

HA= 68.6 HI=108.3 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 = 82.3 ft Length of jib = 108.3 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)								
	A	B	C	D	A	B	C	D	A	B	C	D	
52.5	11.7	49	49	51	51	49	51	50	52(59)	49	52	49	52
		50	52	49	51(127)	51	51	50	50	52	50	51	49(232)
59.1	10.8	51	51	49	49	52	49	51	49(59)	52	48	52	49
		51	48	52	50(127)	49	49	51	51	48	51	50	52(232)
65.6	10.1	53	53	47	47	56	47	52	45(59)	55	45	54	46
		52	44	55	49(128)	47	47	53	53	44	52	49	55(232)
72.2	9.5	55	55	45	45	59	45	53	42(59)	58	41	56	44
		53	40	58	48(128)	45	45	55	55	40	53	48	58(232)
78.7	8.8	56	56	43	43	63	43	54	39(59)	61	38	58	41
		61	38	58	41(90)	43	43	56	56	38	61	41	58(270)
85.3	8.2	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)
91.9	7.7	59	59	40	40	65	52	45	35(23)	66	32	62	37
		65	32	63	38(95)	39	39	60	60	32	65	38	63(264)
98.4	7.1	60	60	38	38	68	50	46	33(27)	68	30	64	35
		66	29	65	37(99)	38	38	61	61	28	66	37	65(260)
105.0	6.6	62	62	37	37	71	49	47	30(31)	70	27	66	33
		67	25	68	36(103)	36	36	62	62	25	67	37	68(256)
111.5	6.2	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)
118.1	5.5	64	64	34	34	76	46	48	26(36)	74	23	68	30
		68	20	72	35(107)	34	34	64	64	20	68	35	72(252)
124.7	5.1	65	65	33	33	78	45	49	23(38)	76	21	70	28
		69	17	74	34(108)	32	32	65	65	17	69	35	74(251)
131.2	4.9	66	66	31	31	81	43	50	21(40)	78	18	72	26
		71	14	77	34(110)	30	30	67	67	14	70	34	77(249)
137.8	4.4	67	67	30	30	83	44	49	19(38)	80	16	73	24
		71	12	78	33(111)	29	29	68	68	12	71	34	78(248)
144.4	4.2	69	69	28	28	86	43	49	16(39)	82	14	75	22
		75	9	80	30(107)	28	28	69	69	9	75	30	80(252)
150.9	4.0	70	70	27	27	89	41	50	14(40)	85	11	77	21
		76	6	82	29(108)	26	26	71	71	6	76	29	82(251)
157.5	3.5	71	71	26	26	90	40	50	12(41)	86	10	78	20
		77	5	84	28(109)	25	25	71	71	4	76	29	84(250)
164.0	3.3	72	72	24	24	93	39	51	10(42)	88	7	79	18
		78	2	86	28(110)	24	24	73	73	2	77	28	86(249)

HA= 82.3 HI=108.3 GGW= 55.8 SL= 0.0 MAX(A,B,C,D)= 8.6 7.1 8.0 8.0

Main boom and fixed jib (jib angle 20.0 degrees)

Length of main boom = 96.5 ft Length of jib = 108.3 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)					
		A	B	C	D	A	B	C	D	A	B	C	D		
59.1	10.6	51	51	49	49	52	49	51	51	48(59)	52	48	52	49	
		51	48	52	50(127)	49	49	51	51	48	51	50	52(232)		
65.6	9.9	53	53	47	47	56	47	52	45(59)	55	45	54	46		
		52	44	55	49(128)	47	47	53	53	44	52	49	55(232)		
72.2	9.5	55	55	45	45	60	45	53	41(59)	59	41	57	43		
		54	39	59	48(128)	44	44	55	55	39	54	48	59(232)		
78.7	8.8	57	57	43	43	57	56	43	42(3)	62	37	59	41		
		62	37	59	41(90)	42	42	57	57	37	62	41	59(270)		
85.3	8.4	58	58	41	41	63	53	45	37(18)	65	34	61	38		
		65	34	62	38(91)	40	40	59	59	34	64	38	62(268)		
91.9	7.7	60	60	39	39	66	51	46	34(25)	67	32	63	36		
		65	30	64	37(97)	39	39	60	60	30	65	38	64(262)		
98.4	7.3	61	61	37	37	70	49	47	31(30)	70	28	65	34		
		67	26	67	36(101)	37	37	62	62	26	67	37	67(258)		
105.0	6.8	63	63	35	35	73	47	48	28(34)	72	26	67	32		
		68	23	70	36(105)	35	35	63	63	23	67	36	70(254)		
111.5	6.4	64	64	34	34	77	46	49	25(36)	75	23	69	30		
		69	20	73	35(107)	34	34	65	65	20	69	35	73(252)		
118.1	6.0	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)		
124.7	5.5	67	67	31	31	82	43	50	20(40)	79	18	72	26		
		71	14	77	34(110)	30	30	67	67	14	71	34	77(249)		
131.2	5.1	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)		
137.8	4.9	69	69	28	28	87	42	50	16(40)	84	13	76	22		
		75	9	81	30(108)	28	28	70	70	8	75	30	81(251)		
144.4	4.6	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)		
150.9	4.2	72	72	25	25	92	40	51	11(41)	88	9	79	19		
		78	3	85	28(109)	25	25	72	72	3	77	29	85(250)		
157.5	4.0	73	73	24	24	95	39	52	9(42)	90	6	81	17		
		79	0	87	27(110)	23	23	74	74	0	78	28	87(249)		
164.0	3.3	73	73	24	24	95	38	51	9(42)	90	6	81	17		
		79	0	87	27(110)	23	23	74	74	0	78	27	88(249)		

HA= 96.5 HI=108.3 GGW= 55.8 SL= 0.0 MAX(A,B,C,D)= 8.8 7.3 8.1 8.2

Main boom and fixed jib (jib angle 20.0 degrees)
 Length of main boom = 110.2 ft Length of jib = 108.3 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	

65.6	9.9	54	54	46	46	58	46	52	44(59)	56	43	55	45
		53	42	56	49(128)	46	46	54	54	42	53	49	56(232)
72.2	9.5	56	56	44	44	62	44	54	40(59)	60	39	58	42
		60	39	58	42(90)	44	44	56	56	39	60	42	58(270)
78.7	8.8	58	58	42	42	60	55	44	40(11)	63	36	60	40
		63	36	60	40(90)	42	42	58	58	36	63	40	60(270)
85.3	8.4	59	59	40	40	65	52	46	35(23)	66	33	63	37
		65	32	63	38(95)	39	39	60	60	32	65	38	63(264)
91.9	7.9	61	61	38	38	69	50	47	32(29)	69	29	65	34
		67	28	67	37(101)	37	37	62	62	27	66	37	67(258)
98.4	7.5	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)
105.0	7.1	64	64	34	34	77	46	49	25(36)	75	23	69	30
		69	20	73	35(107)	34	34	65	65	20	69	35	73(252)
111.5	6.6	66	66	32	32	80	45	49	22(38)	78	20	71	28
		70	16	75	34(109)	32	32	66	66	16	70	35	76(250)
118.1	6.2	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)
124.7	6.0	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)
131.2	5.5	70	70	27	27	89	42	50	15(40)	85	12	77	21
		77	7	82	29(108)	27	27	71	71	7	76	30	82(251)
137.8	5.1	71	71	26	26	91	41	51	12(41)	87	10	78	20
		77	5	84	29(109)	26	26	72	72	4	77	29	84(250)
144.4	4.9	73	73	24	24	94	39	52	9(42)	90	7	80	17
		79	1	87	28(110)	24	24	74	74	1	78	28	87(249)
150.9	4.0	73	73	24	24	94	39	52	10(42)	89	7	80	17
		78	1	87	28(110)	24	24	73	73	1	78	28	87(249)
157.5	3.3	73	73	24	24	94	39	51	9(42)	90	6	80	17
		78	0	87	27(110)	23	23	73	73	0	78	28	87(249)
164.0	2.6	73	73	24	24	94	38	51	9(42)	90	6	80	17
		78	0	87	27(110)	23	23	73	73	0	78	28	87(249)

 HA=110.2 HI=108.3 GGW= 55.8 SL= 0.0 MAX(A,B,C,D)= 8.8 7.3 8.1 8.1

Main boom and fixed jib (jib angle 20.0 degrees)
 Length of main boom = 124.3 ft Length of jib = 108.3 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)		6(...)						
	A	B	C	D	A	B	C	D	A	B	C	D	
65.6	9.7	54	54	46	46	58	46	52	43(59)	57	43	55	45
		53	42	57	49(128)	46	46	54	54	42	53	49	57(232)
72.2	9.3	56	56	43	43	62	44	54	39(59)	61	39	58	42
		61	39	58	42(90)	43	43	56	56	39	61	42	58(270)
78.7	8.8	58	58	41	41	62	54	45	38(16)	64	35	61	39
		64	35	61	39(90)	41	41	58	58	35	64	39	61(270)
85.3	8.2	60	60	39	39	66	52	46	35(24)	67	32	63	36
		66	31	64	37(96)	39	39	60	60	31	65	38	64(263)
91.9	7.9	62	62	37	37	71	49	47	30(31)	71	28	66	33
		68	26	68	36(102)	37	37	62	62	26	67	37	68(257)

98.4	7.5	64	64	35	35	75	47	48	27(35)	74	25	68	31
		69	22	72	35(106)	35	35	64	64	21	68	36	72(253)
105.0	7.1	65	65	33	33	79	45	49	24(38)	77	22	71	28
		70	18	75	35(108)	33	33	66	66	18	70	35	75(251)
111.5	6.6	67	67	31	31	82	43	50	21(40)	79	19	73	26
		71	14	77	34(110)	31	31	67	67	14	71	34	77(249)
118.1	6.4	69	69	29	29	86	43	50	17(39)	83	15	75	24
		73	10	81	33(112)	29	29	69	69	10	72	34	81(247)
124.7	6.0	70	70	28	28	89	42	50	15(40)	85	12	77	22
		77	7	82	30(108)	27	27	71	71	7	76	30	82(251)
131.2	5.7	72	72	26	26	93	40	52	11(42)	88	9	79	19
		78	4	86	29(110)	25	25	73	73	3	77	30	86(249)
137.8	5.1	73	73	25	25	94	39	52	10(42)	89	8	80	18
		78	2	86	28(110)	24	24	73	73	2	78	29	87(249)
144.4	4.2	73	73	24	24	94	39	52	10(42)	89	7	80	18
		78	2	86	28(110)	24	24	73	73	1	78	28	87(249)
150.9	3.5	73	73	24	24	94	39	52	9(42)	90	6	80	17
		79	0	87	27(110)	23	23	73	73	0	78	28	87(249)
157.5	2.9	73	73	24	24	95	38	51	9(42)	90	6	80	17
		78	0	87	27(110)	23	23	73	73	0	78	27	88(249)

 HA=124.3 HI=108.3 GGW= 55.8 SL= 0.0 MAX(A,B,C,D)= 8.8 7.3 8.1 8.2

Main boom and fixed jib (jib angle 20.0 degrees)

Length of main boom = 138.1 ft Length of jib = 108.3 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					
72.2	9.0	57	57	43	43	57	56	43	42(3)	62	38	59	41
		62	38	59	41(90)	43	43	57	57	38	62	41	59(270)
78.7	8.6	59	59	40	40	64	53	45	37(20)	65	34	62	38
		65	34	62	38(92)	40	40	59	59	33	65	38	62(267)
85.3	8.2	61	61	38	38	69	50	47	33(28)	69	30	64	35
		67	28	66	37(100)	38	38	61	61	28	66	37	66(259)
91.9	7.7	63	63	36	36	73	48	48	29(33)	72	26	67	32
		68	24	70	36(104)	36	36	63	63	24	68	36	70(255)
98.4	7.5	65	65	34	34	78	46	49	24(37)	76	22	70	29
		70	19	74	35(108)	33	33	65	65	19	69	35	74(251)
105.0	7.1	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)
111.5	6.8	69	69	29	29	86	43	50	18(39)	83	15	75	24
		73	10	81	33(112)	29	29	69	69	10	72	34	81(247)
118.1	6.4	71	71	28	28	89	42	50	15(40)	85	12	77	22
		77	7	82	30(108)	27	27	71	71	7	76	30	83(251)
124.7	6.2	73	73	25	25	93	40	52	11(42)	89	9	80	19
		78	3	86	29(110)	25	25	73	73	3	78	29	86(249)
131.2	5.3	73	73	25	25	94	39	52	10(42)	89	8	80	18
		79	2	87	28(110)	24	24	73	73	2	78	29	87(249)
137.8	4.4	73	73	24	24	94	39	52	10(42)	90	7	80	17
		79	1	87	28(110)	24	24	73	73	1	78	28	87(249)

144.4 3.5 73 73 24 24 94 39 52 9(42) 89 7 80 17
 78 1 87 28(110) 24 24 73 73 1 78 28 87(249)
 150.9 2.9 73 73 24 24 95 38 51 9(42) 90 6 81 17
 79 0 88 27(110) 23 23 74 74 0 78 27 88(249)

 HA=138.1 HI=108.3 GGW= 55.8 SL= 0.0 MAX(A,B,C,D)= 8.8 7.3 8.1 8.2

Main boom and fixed jib (jib angle 20.0 degrees)
 Length of main boom = 152.2 ft Length of jib = 108.3 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)				
		A	B	C	D	A	B	C	D	A	B	C	D	
78.7	8.4	60	60	40	40	65	52	46	35(23)	66	33	63	37	
		65	32	63	38(95)	39	39	60	60	32	65	38	63(264)	
85.3	7.9	62	62	37	37	70	50	47	31(30)	70	29	65	34	
		67	27	67	37(101)	37	37	62	62	27	67	37	67(258)	
91.9	7.7	64	64	35	35	75	47	48	27(35)	74	25	68	31	
		69	22	72	35(106)	35	35	64	64	21	69	36	72(253)	
98.4	7.3	66	66	33	33	80	45	50	23(38)	77	21	71	28	
		70	17	75	35(109)	32	32	66	66	17	70	35	75(250)	
105.0	7.1	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)	
111.5	6.6	70	70	28	28	88	42	50	16(40)	84	14	76	22	
		76	9	81	30(108)	28	28	70	70	9	75	31	82(251)	
118.1	6.2	72	72	27	27	91	41	51	13(41)	87	11	78	20	
		78	5	84	29(109)	26	26	72	72	5	77	30	84(250)	
124.7	5.1	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(250)	
131.2	4.2	72	72	26	26	91	40	51	12(41)	88	9	79	19	
		78	4	85	28(109)	25	25	72	72	4	77	29	85(250)	
137.8	3.3	72	72	25	25	92	39	51	11(42)	88	8	79	19	
		77	3	85	28(110)	24	24	72	72	3	77	29	85(249)	
144.4	2.6	72	72	24	24	93	39	51	10(42)	88	7	79	18	
		78	2	86	28(110)	24	24	73	73	1	77	28	86(249)	

 HA=152.2 HI=108.3 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 = 166.0 ft Length of jib = 108.3 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)				
		A	B	C	D	A	B	C	D	A	B	C	D	
78.7	8.2	60	60	39	39	67	51	46	34(26)	68	31	64	36	
		66	30	65	37(98)	39	39	61	61	30	66	38	65(261)	
85.3	7.9	63	63	36	36	73	48	48	29(33)	72	27	67	32	
		68	24	70	36(104)	36	36	63	63	24	68	36	70(255)	

91.9	7.5	65	65	34	34	78	46	49	25(37)	76	23	70	29
		70	19	73	35(107)	34	34	65	65	19	70	35	74(252)
98.4	7.3	67	67	31	31	83	43	50	21(40)	80	19	73	26
		72	14	78	34(110)	31	31	68	68	14	71	34	78(249)
105.0	7.1	70	70	29	29	88	43	51	17(40)	84	14	76	23
		76	9	81	31(108)	28	28	70	70	9	75	31	81(251)
111.5	6.0	70	70	28	28	88	42	50	15(40)	85	13	77	22
		77	8	82	30(108)	27	27	71	71	8	76	30	82(251)
118.1	4.9	70	70	27	27	89	42	50	14(40)	85	12	77	21
		77	7	82	29(108)	27	27	71	71	7	76	30	82(251)
124.7	4.0	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)
131.2	2.9	70	70	26	26	89	40	50	13(41)	85	10	77	20
		76	5	83	29(109)	26	26	71	71	5	76	29	83(250)

 HA=166.0 HI=108.3 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 20.0 degrees)
 Length of main boom = 180.1 ft Length of jib = 108.3 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)		6(...)					
		4(...)	5(180)			6(...)							
		A	B	C	D	A	B	C	D	A	B	C	D
85.3	7.7	64	64	35	35	75	47	49	27(35)	73	25	68	31
		69	22	71	35(105)	35	35	64	64	22	69	36	71(254)
91.9	7.3	66	66	33	33	80	45	50	23(38)	77	21	71	28
		70	17	75	35(109)	32	32	66	66	17	70	35	75(250)
98.4	7.1	68	68	30	30	84	44	50	19(38)	82	17	74	25
		73	12	80	33(111)	30	30	69	69	12	72	34	80(248)
105.0	6.2	69	69	29	29	87	42	50	17(40)	84	14	76	23
		75	9	81	31(108)	28	28	70	70	9	75	31	81(251)
111.5	4.9	69	69	28	28	87	42	50	16(40)	84	13	76	22
		75	9	81	30(108)	28	28	70	70	9	75	31	81(251)
118.1	3.7	69	69	28	28	87	41	50	15(40)	84	13	76	22
		75	8	81	30(108)	27	27	70	70	7	75	30	81(251)
124.7	2.6	69	69	27	27	87	41	50	15(40)	84	12	76	21
		75	7	81	29(108)	27	27	70	70	7	75	30	81(251)

 HA=180.1 HI=108.3 GGW= 55.8 SL= 0.0 MAX(A,B,C,D)= 8.1 7.0 7.5 7.6

Main boom and fixed jib (jib angle 20.0 degrees)
 Length of main boom = 193.9 ft Length of jib = 108.3 ft
 Main boom sequence = 45-90-90-90-90-90 % LK = 76
 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	A	B	C	D
91.9	7.1	67	67	32	32	82	43	50	21(40)	79	19	73	26
		71	15	77	34(110)	31	31	67	67	14	71	34	78(249)

98.4 6.0 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)
 105.0 4.6 68 68 29 29 84 43 50 18(39) 81 15 74 24
 72 11 80 33(112) 29 29 69 69 10 71 34 80(247)
 111.5 3.3 68 68 29 29 84 43 49 17(39) 81 15 74 23
 71 10 80 33(112) 28 28 69 69 10 71 33 80(247)
 118.1 2.2 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)

 HA=193.9 HI=108.3 GGW= 55.8 SL= 0.0 MAX(A,B,C,D)= 7.9 6.8 7.4 7.4

HA=193.9 HI=108.3 GGW= 55.8 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/22137912_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 KS

 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 = 108.3 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(...)		3(90)		6(...)						
	A	B	C	D	A	B	C	D					
59.1	10.4	47	47	53	53	45	52	49	54(59)	45	54	47	54
		48	55	46	51(128)	53	53	47	47	55	48	51	46(232)
65.6	9.5	49	49	51	51	48	50	49	51(59)	48	51	49	51
		49	52	48	50(127)	51	51	49	49	52	49	50	48(232)
72.2	8.8	50	50	49	49	51	49	50	48(59)	51	48	51	49
		50	48	51	49(127)	49	49	51	51	48	50	49	51(232)
78.7	8.2	52	52	47	47	54	47	51	46(59)	54	45	53	46
		51	44	54	49(128)	47	47	52	52	44	51	49	54(232)
85.3	7.7	54	54	45	45	58	45	52	42(59)	57	42	55	44
		52	41	57	48(128)	45	45	54	54	41	52	48	57(232)
91.9	7.1	55	55	43	43	60	44	53	40(59)	59	39	57	42
		59	39	57	42(90)	43	43	55	55	39	59	42	57(270)

98.4	6.6	56	56	42	42	58	55	43	40(8)	62	36	59	39
		62	36	59	39(90)	41	41	57	57	36	62	39	59(270)
105.0	6.2	58	58	40	40	63	52	44	37(19)	64	33	61	37
		64	33	61	38(92)	39	39	58	58	33	64	38	62(267)
111.5	6.0	60	60	38	38	67	50	46	33(27)	68	30	63	35
		66	28	65	37(99)	37	37	60	60	28	65	37	65(260)
118.1	5.5	61	61	36	36	71	49	47	30(31)	70	27	65	33
		67	24	68	36(103)	36	36	62	62	24	66	36	68(256)

HA= 40.7 HI=108.3 GGW= 55.8 SL= 0.0 MAX(A,B,C,D)= 6.6 6.2 6.3 6.3

Main boom and fixed jib (jib angle 40.0 degrees)

Length of main boom = 54.5 ft Length of jib = 108.3 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(...)								
	4(...)				5(180)				6(...)				
	A	B	C	D	A	B	C	D	A	B	C	D	
59.1	10.4	47	47	53	53	45	52	49	54(59)	46	54	47	54
		48	55	46	51(128)	52	52	48	48	55	48	51	46(232)
65.6	9.7	49	49	51	51	49	50	50	51(59)	49	51	49	51
		49	51	49	50(127)	50	50	49	49	51	49	50	49(232)
72.2	9.0	51	51	49	49	52	49	50	48(59)	52	48	51	48
		50	47	52	49(128)	48	48	51	51	47	50	49	52(232)
78.7	8.4	52	52	47	47	55	47	51	45(59)	54	45	53	46
		51	44	54	49(128)	47	47	53	53	44	51	49	54(232)
85.3	7.9	54	54	45	45	59	45	52	42(59)	57	41	56	43
		53	40	58	48(128)	45	45	54	54	40	53	48	58(232)
91.9	7.5	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)
98.4	7.1	57	57	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)
105.0	6.6	59	59	39	39	65	52	45	35(23)	66	32	62	36
		65	31	63	37(95)	39	39	59	59	31	65	37	63(264)
111.5	6.2	60	60	38	38	68	50	46	32(28)	68	29	64	34
		66	28	66	37(100)	37	37	61	61	27	66	37	66(259)
118.1	6.0	62	62	35	35	73	48	47	28(33)	71	26	67	32
		67	23	69	35(104)	35	35	63	63	23	67	36	69(255)
124.7	5.5	63	63	34	34	76	46	48	26(36)	74	23	68	30
		69	20	72	35(106)	34	34	64	64	20	68	35	72(253)
131.2	5.3	65	65	32	32	79	44	49	22(38)	77	20	71	27
		70	16	75	34(109)	32	32	66	66	16	69	34	75(250)

HA= 54.5 HI=108.3 GGW= 55.8 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 = 68.6 ft Length of jib = 108.3 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(...)				5(180)				6(...)					
	A	B	C	D	A	B	C	D	A	B	C	D		
65.6	9.5	49	49	51	51	48	50	49	51	(59)	48	51	49	51
		49	51	49	50(127)	50	50	49	49		51	49	50	49(232)
72.2	9.0	51	51	49	49	52	48	51	48	(59)	52	47	52	48
		50	47	52	49(128)	48	48	51	51		47	50	49	52(232)
78.7	8.4	52	52	47	47	55	47	51	45	(59)	54	44	54	46
		52	44	55	49(128)	46	46	53	53		44	52	49	55(232)
85.3	7.9	54	54	45	45	59	45	52	42	(59)	58	41	56	43
		53	40	58	48(128)	44	44	54	54		40	53	48	58(232)
91.9	7.3	55	55	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)
98.4	6.8	57	57	41	41	60	54	44	39	(12)	62	35	60	39
		62	35	60	39(90)	41	41	57	57		35	62	39	60(270)
105.0	6.2	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)
111.5	5.7	59	59	38	38	66	51	45	34	(25)	67	31	63	35
		65	30	64	37(97)	38	38	60	60		29	65	37	64(262)
118.1	5.3	61	61	37	37	69	49	46	31	(30)	69	28	64	34
		66	26	67	36(101)	36	36	61	61		26	66	36	67(258)
124.7	4.9	62	62	35	35	72	47	47	28	(33)	71	26	66	32
		67	23	69	35(104)	35	35	62	62		23	67	36	69(255)
131.2	4.6	63	63	34	34	76	46	48	25	(36)	74	23	68	30
		68	19	72	35(107)	33	33	64	64		19	68	35	72(252)
137.8	4.2	65	65	32	32	78	44	49	23	(38)	76	21	70	28
		69	17	74	34(108)	32	32	65	65		17	69	34	74(251)

HA= 68.6 HI=108.3 GGW= 55.8 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 = 108.3 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(...)	3(90)		4(...)	5(180)	6(...)							
	A	B	C	D	A	B	C	D	A	B	C	D		
72.2	9.0	51	51	48	48	53	48	51	47	(59)	52	47	52	48
		51	47	52	49(128)	48	48	52	52		47	51	49	52(232)
78.7	8.4	53	53	46	46	56	46	52	44	(59)	55	44	54	45
		52	43	55	48(128)	46	46	53	53		43	52	48	55(232)
85.3	7.9	55	55	44	44	60	44	53	41	(59)	58	40	56	43
		53	39	58	48(128)	44	44	55	55		39	53	48	58(232)
91.9	7.5	56	56	42	42	57	56	43	42	(3)	61	37	59	40
		61	37	59	40(90)	42	42	57	57		37	61	40	59(270)
98.4	7.1	58	58	41	41	62	53	44	37	(17)	64	34	61	38
		64	34	61	38(90)	40	40	58	58		34	64	38	61(269)
105.0	6.6	60	60	39	39	66	51	45	34	(25)	67	31	63	36
		65	30	64	37(97)	38	38	60	60		30	65	37	64(262)
111.5	6.2	61	61	37	37	69	49	47	31	(30)	69	28	65	34
		66	26	67	36(101)	37	37	61	61		26	66	37	67(258)
118.1	5.7	62	62	35	35	73	48	47	28	(33)	71	26	67	32
		67	23	69	35(104)	35	35	63	63		23	67	36	69(255)

124.7	5.3	63	63	34	34	75	46	48	26(36)	74	23	68	30
		69	20	72	35(106)	34	34	64	64	20	68	35	72(253)
131.2	4.9	65	65	33	33	78	44	49	23(38)	76	21	70	28
		69	17	74	34(108)	32	32	65	65	17	69	35	74(251)
137.8	4.6	66	66	31	31	82	43	50	20(40)	78	18	72	26
		71	14	77	33(110)	30	30	67	67	14	70	34	77(249)
144.4	4.2	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)
150.9	4.0	69	69	28	28	87	41	50	15(40)	83	13	75	22
		75	8	81	30(108)	27	27	70	70	8	75	30	81(251)

HA= 82.3 HI=108.3 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 = 96.5 ft Length of jib = 108.3 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(...)								
	4(...)				5(180)								
	A	B	C	D	A	B	C	D	A	B	C	D	
72.2	8.8	51	51	48	48	53	48	51	47(59)	52	47	52	48
		51	46	52	49(128)	48	48	52	52	46	51	49	52(232)
78.7	8.4	53	53	46	46	57	46	52	44(59)	56	43	54	45
		52	42	56	48(128)	46	46	53	53	42	52	48	56(232)
85.3	7.9	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)
91.9	7.5	57	57	42	42	58	55	43	41(8)	62	36	59	40
		62	36	59	40(90)	42	42	57	57	36	62	40	59(270)
98.4	7.1	58	58	40	40	63	52	45	37(20)	65	33	62	37
		64	33	62	38(92)	40	40	59	59	33	64	38	62(267)
105.0	6.6	60	60	38	38	67	50	46	33(27)	67	30	63	35
		66	29	65	37(98)	38	38	60	60	29	65	37	65(261)
111.5	6.2	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)
118.1	6.0	63	63	35	35	75	47	48	26(35)	73	24	68	30
		68	21	71	35(106)	34	34	64	64	21	68	35	71(253)
124.7	5.5	65	65	33	33	78	45	49	24(37)	75	22	70	29
		69	18	74	35(108)	33	33	65	65	18	69	35	74(251)
131.2	5.3	66	66	31	31	82	43	50	21(40)	78	19	72	26
		71	14	77	34(110)	31	31	67	67	14	70	34	77(249)
137.8	4.9	67	67	30	30	83	44	49	19(38)	80	16	73	24
		72	11	79	33(111)	29	29	68	68	11	71	33	79(248)
144.4	4.6	69	69	28	28	87	42	50	16(40)	84	13	76	22
		75	8	81	30(108)	27	27	70	70	8	75	30	81(251)
150.9	4.2	70	70	27	27	89	41	51	14(41)	85	11	77	21
		76	6	83	29(109)	26	26	71	71	6	75	30	83(250)
157.5	4.0	72	72	25	25	92	39	51	11(42)	88	8	79	18
		77	3	85	28(110)	24	24	73	73	2	77	29	86(249)
164.0	3.5	73	73	24	24	94	39	51	9(42)	90	6	80	17
		78	0	87	27(110)	23	23	73	73	0	78	28	87(249)

HA= 96.5 HI=108.3 GGW= 55.8 SL= 0.0 MAX(A,B,C,D)= 8.7 7.2 8.1 8.1

 Main boom and fixed jib (jib angle 40.0 degrees)
 Length of main boom = 110.2 ft Length of jib = 108.3 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					
78.7	8.4	54	54	45	45	58	45	52	43	59	57	42	55	44		
		52	41	57	48	45	45	54	54	41	52	48	57	232		
85.3	7.9	56	56	43	43	62	43	53	39	59	60	39	58	41		
		60	39	58	41	43	43	56	56	39	60	41	58	270		
91.9	7.5	58	58	41	41	61	54	44	39	14	63	35	60	39		
		63	35	60	39	41	41	58	58	35	63	39	60	270		
98.4	7.3	60	60	39	39	66	51	46	34	25	67	31	63	36		
		65	30	64	37	39	39	60	60	30	65	37	64	262		
105.0	6.8	61	61	37	37	70	49	47	31	30	70	28	65	34		
		67	26	67	37	37	37	62	62	26	66	37	68	257		
111.5	6.4	63	63	35	35	74	47	48	28	34	73	25	67	31		
		68	22	70	35	35	35	63	63	22	68	36	70	254		
118.1	6.0	64	64	34	34	77	45	49	25	37	75	22	69	29		
		69	19	73	35	33	33	65	65	19	69	35	73	252		
124.7	5.7	66	66	32	32	81	44	50	21	39	78	19	72	27		
		71	15	76	34	31	31	67	67	15	70	34	77	249		
131.2	5.5	68	68	30	30	84	43	50	18	39	81	16	74	24		
		72	11	79	33	29	29	69	69	11	72	33	80	248		
137.8	5.1	69	69	28	28	87	42	50	16	40	84	13	76	22		
		75	9	81	30	28	28	70	70	8	75	30	81	251		
144.4	4.9	71	71	26	26	91	41	51	13	41	87	10	78	20		
		77	5	84	29	26	26	72	72	5	77	29	84	250		
150.9	4.4	72	72	25	25	93	39	52	11	42	88	8	80	18		
		78	2	86	28	24	24	73	73	2	77	29	86	249		
157.5	3.7	73	73	24	24	94	39	51	10	42	89	7	80	17		
		78	1	86	28	24	24	73	73	1	78	28	87	249		
164.0	3.1	73	73	24	24	94	38	51	9	42	90	6	80	17		
		78	0	87	27	23	23	73	73	0	78	28	87	249		

 HA=110.2 HI=108.3 GGW= 55.8 SL= 0.0 MAX(A,B,C,D)= 8.7 7.2 8.1 8.1

Main boom and fixed jib (jib angle 40.0 degrees)
 Length of main boom = 124.3 ft Length of jib = 108.3 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)						
		4(...)				5(180)				6(...)						
A	B	C	D	A	B	C	D	A	B	C	D					
85.3	7.9	56	56	43	43	56	56	43	43	1	61	38	59	41		
		61	38	59	41	42	42	57	57	38	61	41	59	270		
91.9	7.5	58	58	41	41	62	53	45	37	18	64	34	61	38		
		64	34	61	38	40	40	59	59	34	64	38	61	268		

98.4	7.1	60	60	39	39	67	51	46	34(26)	67	31	63	35
		66	29	65	37(98)	38	38	60	60	29	65	37	65(261)
105.0	6.8	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)
111.5	6.6	64	64	34	34	77	46	49	25(36)	75	23	69	30
		69	20	73	35(107)	34	34	65	65	20	69	35	73(252)
118.1	6.2	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	76(250)
124.7	6.0	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)
131.2	5.5	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)
137.8	5.3	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)
144.4	5.1	73	73	24	24	94	39	52	10(42)	90	7	80	18
		79	2	87	28(110)	24	24	73	73	1	78	28	87(249)
150.9	4.2	73	73	24	24	94	39	52	9(42)	90	7	80	17
		78	1	87	28(110)	24	24	73	73	1	78	28	87(249)
157.5	3.3	72	72	24	24	93	39	51	10(42)	89	7	80	17
		78	1	86	28(110)	24	24	73	73	1	77	28	86(249)
164.0	2.6	73	73	24	24	94	38	51	9(42)	89	6	80	17
		78	0	87	27(110)	23	23	73	73	0	78	28	87(249)

 HA=124.3 HI=108.3 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 40.0 degrees)

Length of main boom = 138.1 ft Length of jib = 108.3 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		
85.3	7.7	57	57	42	42	58	55	43	41(7)	62	37	59	40
		62	37	59	40(90)	42	42	57	57	37	62	40	59(270)
91.9	7.5	59	59	40	40	65	52	45	35(22)	66	32	62	37
		65	32	63	38(95)	39	39	60	60	32	65	38	63(264)
98.4	7.1	61	61	37	37	69	50	47	32(29)	69	29	65	34
		67	27	67	37(101)	37	37	62	62	27	66	37	67(258)
105.0	6.8	63	63	35	35	74	47	48	27(34)	73	25	68	31
		69	22	71	35(105)	35	35	64	64	22	68	36	71(254)
111.5	6.6	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)
118.1	6.2	67	67	31	31	83	43	50	20(40)	80	18	73	26
		71	14	78	34(110)	30	30	68	68	13	71	34	78(249)
124.7	6.0	69	69	29	29	86	43	50	17(39)	83	14	75	23
		76	10	80	30(107)	28	28	70	70	10	75	31	80(252)
131.2	5.7	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)
137.8	5.3	73	73	25	25	94	39	52	10(42)	89	8	80	18
		78	2	86	28(110)	24	24	73	73	2	78	29	87(249)
144.4	4.4	73	73	24	24	94	39	52	10(42)	89	7	80	18
		78	1	87	28(110)	24	24	73	73	1	78	28	87(249)

150.9 3.5 73 73 24 24 94 39 51 9(42) 89 7 80 17
 78 1 87 28(110) 24 24 73 73 1 78 28 87(249)
 157.5 2.9 73 73 24 24 95 38 51 9(42) 90 6 80 17
 78 0 87 27(110) 23 23 74 74 0 78 27 88(249)

 HA=138.1 HI=108.3 GGW= 55.8 SL= 0.0 MAX(A,B,C,D)= 8.8 7.2 8.1 8.2

Main boom and fixed jib (jib angle 40.0 degrees)
 Length of main boom = 152.2 ft Length of jib = 108.3 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)				
		A	B	C	D	A	B	C	D	A	B	C	D	
91.9	7.3	60	60	39	39	66	51	46	34(25)	67	32	63	36	
		65	31	64	37(96)	39	39	60	60	30	65	37	64(263)	
98.4	7.1	62	62	37	37	72	49	47	30(32)	71	27	66	33	
		67	25	69	36(103)	36	36	62	62	25	67	37	69(256)	
105.0	6.8	64	64	34	34	77	46	49	25(36)	75	23	69	30	
		69	20	73	35(107)	34	34	65	65	20	69	35	73(252)	
111.5	6.4	66	66	32	32	81	44	50	22(39)	78	20	71	27	
		71	16	76	34(109)	32	32	67	67	16	70	34	76(250)	
118.1	6.2	68	68	30	30	85	43	50	18(39)	82	16	74	24	
		72	11	80	33(112)	29	29	69	69	11	71	34	80(247)	
124.7	6.0	71	71	27	27	89	42	50	15(40)	86	12	77	21	
		77	7	82	29(108)	27	27	71	71	7	76	30	83(251)	
131.2	5.3	72	72	26	26	91	41	51	12(41)	87	10	78	20	
		78	5	84	29(109)	26	26	72	72	4	77	29	85(250)	
137.8	4.4	72	72	25	25	92	40	51	11(41)	88	9	79	19	
		78	4	85	28(109)	25	25	72	72	3	77	29	85(250)	
144.4	3.5	72	72	25	25	92	39	51	11(42)	88	8	79	18	
		77	3	85	28(110)	24	24	72	72	2	77	29	86(249)	
150.9	2.6	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)	

 HA=152.2 HI=108.3 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 = 108.3 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)				
		A	B	C	D	A	B	C	D	A	B	C	D	
91.9	7.3	61	61	38	38	69	50	46	32(28)	69	30	64	35	
		66	28	66	37(100)	37	37	61	61	28	66	37	66(259)	
98.4	6.8	63	63	36	36	73	48	47	28(33)	72	26	67	32	
		68	23	70	36(104)	35	35	63	63	23	68	36	70(255)	
105.0	6.6	65	65	33	33	79	45	49	24(38)	76	22	70	28	
		70	18	74	35(108)	33	33	66	66	18	70	35	75(251)	

111.5	6.4	68	68	31	31	84	43	50	19(40)	80	17	73	25
		72	13	78	34(111)	30	30	68	68	13	71	34	79(248)
118.1	6.2	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)
124.7	5.3	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)
131.2	4.2	71	71	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)
137.8	3.3	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)
144.4	2.4	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=166.0 HI=108.3 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 = 180.1 ft Length of jib = 108.3 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)		6(...)						
	A	B	C	D	A	B	C	D					
98.4	6.8	64	64	34	34	76	46	49	26(36)	74	24	69	30
		69	21	72	35(106)	34	34	64	64	21	69	35	72(253)
105.0	6.6	67	67	32	32	81	44	50	22(39)	78	19	72	27
		71	15	77	34(110)	32	32	67	67	15	70	35	77(249)
111.5	6.4	69	69	29	29	86	43	50	17(39)	83	15	75	24
		73	10	81	33(112)	29	29	69	69	10	72	34	81(247)
118.1	5.3	69	69	28	28	87	42	50	16(40)	84	14	76	22
		75	9	81	30(108)	28	28	70	70	9	75	31	81(251)
124.7	4.2	69	69	28	28	87	42	50	15(40)	84	13	76	22
		76	8	81	30(108)	27	27	70	70	8	75	30	81(251)
131.2	3.3	70	70	27	27	88	41	50	14(40)	85	11	77	21
		76	6	82	29(108)	26	26	71	71	6	76	29	82(251)
137.8	2.2	69	69	27	27	88	41	50	14(40)	84	11	76	21
		76	6	82	29(108)	26	26	70	70	6	75	29	82(251)

 HA=180.1 HI=108.3 GGW= 55.8 SL= 0.0 MAX(A,B,C,D)= 8.2 7.0 7.6 7.6

HA=180.1 HI=108.3 GGW= 55.8 SL= 0.0 MAX(A,B,C,D)= 0.0 0.0 0.0 0.0

HA=180.1 HI=108.3 GGW= 55.8 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/22137912_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 KS

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 = 108.3 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(...)						
A B C D	A B C D	A B C D	A B C D						
23.0 20.5	45 45 56 56	40 56 47 60	59 41 60 43	58					
	47 62 42 53(128)	56 56 45 45	62 47 53 42	232					
26.2 19.4	46 46 55 55	42 54 48 58	59 43 58 45	56					
	47 59 44 52(128)	55 55 46 46	59 47 52 44	232					
29.5 18.3	47 47 53 53	44 53 49 55	59 45 55 47	54					
	48 56 45 52(128)	53 53 47 47	56 48 52 45	232					
32.8 17.4	48 48 52 52	47 52 49 53	59 47 53 48	52					
	49 54 47 51(128)	52 52 48 48	54 49 51 47	232					
39.4 15.7	50 50 49 49	50 49 50 49	59 50 49 50	49					
	50 49 50 50(127)	49 49 50 50	49 50 50 50	232					
45.9 14.1	51 51 47 47	54 47 51 46	59 53 45 52	47					
	51 45 53 49(128)	47 47 52 52	45 51 49 53	232					
52.5 12.6	52 52 45 45	56 45 51 43	59 55 42 54	44					
	51 41 55 48(128)	45 45 53 53	41 51 48 55	232					
59.1 11.2	54 54 43 43	59 43 52 40	59 57 39 56	42					
	52 38 58 47(128)	43 43 54 54	38 52 47 58	232					
65.6 10.4	55 55 42 42	55 54 42 41	2) 60 36 58 40						
	60 36 58 40(90)	41 41 56 56	36 60 40 58	270					
72.2 9.5	56 56 40 40	60 52 43 37	15) 62 34 59 38						
	62 34 59 38(90)	39 39 57 57	34 62 38 59	270					
78.7 8.6	57 57 39 39	62 51 44 35	21) 64 31 61 36						
	63 31 61 37(94)	38 38 58 58	30 63 37 61	265					
85.3 7.9	58 58 37 37	65 49 44 32	26) 66 29 62 34						
	64 27 63 36(98)	36 36 59 59	27 64 36 64	261					
91.9 7.3	59 59 36 36	68 47 45 30	30) 68 26 63 32						
	65 25 66 35(101)	35 35 60 60	24 65 35 66	258					
98.4 6.8	61 61 34 34	71 46 46 27	33) 70 24 65 30						
	66 21 68 34(104)	33 33 62 62	21 65 34 68	255					
105.0 6.2	61 61 33 33	73 45 47 25	35) 71 22 66 29						
	66 19 69 34(106)	32 32 62 62	19 66 34 70	253					
111.5 5.7	62 62 32 32	75 43 47 23	37) 73 20 68 28						
	67 17 71 33(107)	31 31 63 63	17 67 33 71	252					
118.1 5.5	64 64 30 30	78 42 48 20	39) 75 18 69 26						
	68 14 74 32(109)	29 29 65 65	13 68 33 74	250					

124.7 5.3 65 65 29 29 80 42 47 18(38) 78 15 71 24
 69 11 77 32(111) 28 28 66 66 10 69 32 77(248)
 131.2 4.9 66 66 28 28 82 41 48 17(39) 79 14 72 22
 72 9 77 29(107) 27 27 67 67 9 71 30 77(252)

 HA= 40.7 HI=108.3 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 = 108.3 ft
 Main boom sequence = 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
26.2	18.7	46	46	55	55	41	54	48	58(59)	43	58	45	56	
		47	59	43	52(128)	55	55	46	46	59	47	52	43(232)	
29.5	18.1	47	47	53	53	44	53	49	55(59)	45	55	46	54	
		48	56	45	52(128)	53	53	47	47	56	48	52	45(232)	
32.8	17.2	48	48	52	52	46	52	49	53(59)	47	53	48	52	
		49	53	47	51(128)	52	52	48	48	53	49	51	47(232)	
39.4	15.4	50	50	49	49	50	49	50	49(59)	50	49	50	49	
		50	49	50	50(127)	49	49	50	50	49	50	50	50(232)	
45.9	14.1	52	52	47	47	54	47	51	45(59)	53	45	53	46	
		51	44	54	49(128)	47	47	52	52	44	51	49	54(232)	
52.5	13.0	53	53	45	45	58	45	52	42(59)	56	41	55	43	
		52	40	57	47(128)	44	44	54	54	40	52	47	57(232)	
59.1	11.7	54	54	43	43	60	43	52	39(59)	59	38	57	41	
		59	38	57	41(90)	42	42	55	55	38	59	41	57(270)	
65.6	10.8	56	56	41	41	58	54	43	39(10)	61	35	59	39	
		61	35	59	39(90)	40	40	56	56	35	61	39	59(270)	
72.2	9.9	57	57	39	39	62	51	44	36(20)	63	32	60	37	
		63	32	61	37(92)	39	39	58	58	32	63	37	61(267)	
78.7	9.3	59	59	37	37	65	49	45	32(26)	66	29	62	34	
		64	28	64	36(98)	37	37	59	59	28	64	36	64(261)	
85.3	8.4	60	60	36	36	68	48	45	30(29)	68	27	64	33	
		65	25	66	35(101)	35	35	60	60	25	65	35	66(258)	
91.9	7.7	60	60	35	35	71	46	46	28(33)	70	25	65	31	
		66	22	68	35(104)	34	34	61	61	22	65	35	68(255)	
98.4	7.3	62	62	33	33	73	45	47	25(35)	72	22	67	29	
		67	19	70	34(106)	32	32	63	63	19	67	34	70(253)	
105.0	6.8	63	63	32	32	76	43	47	22(37)	74	20	69	27	
		68	16	73	33(108)	31	31	64	64	16	67	34	73(251)	
111.5	6.4	64	64	30	30	79	42	48	20(39)	76	17	70	25	
		68	13	75	33(110)	29	29	65	65	13	68	33	75(249)	
118.1	6.0	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)	
124.7	5.5	66	66	28	28	83	41	48	16(39)	80	13	73	22	
		72	9	77	29(107)	27	27	67	67	9	72	30	78(252)	
131.2	5.3	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)	
137.8	4.9	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)	

144.4 4.6 69 69 24 24 89 38 49 10(41) 85 7 77 18
 76 2 83 27(109) 23 23 71 71 2 75 27 83(250)

HA= 54.5 HI=108.3 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 0.0 degrees)
 Length of main boom = 68.6 ft Length of jib = 108.3 ft
 Main boom sequence = 0-0-0-0-0-90 % LK = 13
 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	A B C D	
29.5	17.0	46 46 54 54	43 53 48 56(59)	44 56 46 54	47 57 44 51(128)	53 53 47 47	57 47 51 44(232)		
32.8	16.3	47 47 52 52	45 52 49 53(59)	46 53 47 53	48 54 46 51(128)	52 52 48 48	54 48 51 46(232)		
39.4	15.0	50 50 49 49	50 49 50 49(59)	50 49 50 49	49 49 50 50(127)	49 49 50 50	49 49 50 50(232)		
45.9	13.9	52 52 47 47	54 47 51 45(59)	53 45 53 46	51 44 53 49(128)	47 47 52 52	44 51 49 53(232)		
52.5	12.8	53 53 45 45	58 45 52 42(59)	56 41 55 43	52 40 56 47(128)	44 44 54 54	40 52 47 56(232)		
59.1	11.7	55 55 43 43	61 43 52 39(59)	59 38 57 41	59 38 57 41(90)	42 42 55 55	38 59 41 57(270)		
65.6	10.8	56 56 41 41	59 53 43 39(12)	62 35 59 38	62 35 59 38(90)	40 40 57 57	35 62 38 59(270)		
72.2	9.7	57 57 39 39	62 51 44 36(19)	63 32 60 37	63 32 61 37(92)	39 39 58 58	32 63 37 61(267)		
78.7	9.0	58 58 37 37	65 49 45 32(26)	66 29 62 34	64 28 64 36(98)	37 37 59 59	28 64 36 64(261)		
85.3	8.2	59 59 36 36	68 48 45 30(29)	67 27 63 33	65 25 65 35(101)	35 35 60 60	25 65 35 66(258)		
91.9	7.5	60 60 35 35	70 47 46 28(32)	69 25 65 31	65 22 68 35(104)	34 34 61 61	22 65 35 68(255)		
98.4	6.8	61 61 34 34	73 45 47 26(35)	71 23 66 29	67 20 69 34(105)	33 33 62 62	20 66 34 69(254)		
105.0	6.2	62 62 32 32	74 44 47 24(36)	73 21 67 28	67 18 71 34(107)	32 32 63 63	17 67 34 71(252)		
111.5	5.7	63 63 31 31	77 43 48 22(38)	75 19 69 26	68 15 73 33(108)	30 30 64 64	15 67 33 73(251)		
118.1	5.3	64 64 30 30	78 43 47 20(37)	76 17 70 25	68 13 75 32(110)	29 29 65 65	12 68 33 75(249)		
124.7	4.9	65 65 29 29	80 42 47 18(38)	78 15 71 24	69 10 77 32(111)	28 28 66 66	10 69 32 77(248)		
131.2	4.4	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)		
137.8	4.0	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)		
144.4	3.7	67 67 26 26	86 39 48 13(40)	82 10 75 20	74 5 80 28(108)	24 24 69 69	5 73 28 80(251)		
150.9	3.5	69 69 24 24	88 38 49 11(41)	84 8 76 18	75 3 82 27(109)	23 23 70 70	2 74 28 82(250)		

157.5 3.3 70 70 23 23 90 37 50 9(42) 86 6 77 17
 75 0 84 27(110) 22 22 71 71 0 75 27 84(249)

HA= 68.6 HI=108.3 GGW= 48.7 SL= 0.0 MAX(A,B,C,D)= 8.4 6.9 7.8 7.8

Main boom and fixed jib (jib angle 0.0 degrees)

Length of main boom = 70.2 ft Length of jib = 108.3 ft

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

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	A B C D	A B C D
29.5 16.8	46 46 54 54	43 53 48 56(59)	44 56 45 55	47 57 44 51(128)	53 53 46 46	57 47 51 44(232)			
32.8 16.1	47 47 52 52	45 52 49 54(59)	46 54 47 53	48 54 46 51(128)	52 52 48 48	54 48 51 46(232)			
39.4 14.8	49 49 50 50	49 49 50 49(59)	49 49 50 49	49 49 50 50(127)	49 49 50 50	49 49 50 50(232)			
45.9 13.4	51 51 47 47	53 47 50 46(59)	52 45 52 47	50 45 53 49(128)	47 47 51 51	45 50 49 53(232)			
52.5 12.1	52 52 45 45	56 45 51 43(59)	55 42 54 44	51 41 55 47(128)	45 45 53 53	41 51 47 55(232)			
59.1 10.8	54 54 43 43	59 43 52 40(59)	57 39 56 42	52 38 58 47(128)	43 43 54 54	38 52 47 58(232)			
65.6 9.5	54 54 42 42	60 42 52 38(59)	59 37 57 40	59 37 57 40(90)	41 41 55 55	37 59 40 57(270)			
72.2 8.4	55 55 41 41	57 53 42 39(8)	60 35 58 38	60 35 58 38(90)	40 40 56 56	35 60 38 58(270)			
78.7 7.7	56 56 39 39	61 51 43 36(18)	62 32 60 36	62 32 60 37(91)	38 38 57 57	32 62 37 60(268)			
85.3 7.1	57 57 37 37	63 49 44 33(24)	64 30 61 35	63 29 62 36(96)	37 37 58 58	28 63 36 62(263)			
91.9 6.4	58 58 36 36	66 48 45 31(28)	66 28 62 33	64 26 64 35(100)	35 35 59 59	26 64 35 64(259)			
98.4 5.7	59 59 35 35	68 47 45 29(31)	68 26 63 32	65 24 66 35(102)	34 34 60 60	23 64 35 66(257)			
105.0 5.1	60 60 34 34	70 46 45 27(32)	69 24 65 30	65 22 67 34(104)	33 33 61 61	21 65 34 67(255)			
111.5 4.6	61 61 33 33	72 44 46 25(35)	71 22 66 29	66 19 69 33(105)	32 32 62 62	19 66 34 69(254)			
118.1 4.2	62 62 32 32	74 43 46 23(36)	72 20 67 28	66 17 71 33(107)	31 31 63 63	17 66 33 71(252)			
124.7 4.0	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)			
131.2 3.5	63 63 30 30	78 42 47 20(37)	75 17 70 25	68 12 74 32(110)	28 28 65 65	12 67 32 74(249)			
137.8 3.1	64 64 29 29	79 42 47 19(37)	77 15 70 24	68 11 75 31(110)	28 28 65 65	11 68 32 75(249)			
144.4 2.9	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)			
150.9 2.6	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)			

157.5 2.4 67 67 26 26 85 39 48 13(40) 82 10 74 20
 73 5 79 28(108) 24 24 68 68 5 73 28 80(251)
 164.0 2.2 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= 70.2 HI=108.3 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 0.0 degrees)
 Length of main boom = 82.3 ft Length of jib = 108.3 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(...)						
		A	B	C	D	A	B	C	D		A	B	C	D
32.8	15.9	47	47	52	52	45	52	49	53(59)	46	53	47	52	
		48	54	46	51(128)	52	52	48	48	54	48	51	46(232)	
39.4	14.8	50	50	49	49	50	49	50	49(59)	50	49	50	49	
		50	48	50	49(127)	49	49	50	50	48	50	49	50(232)	
45.9	13.7	52	52	47	47	54	46	51	45(59)	54	44	53	46	
		51	44	54	48(128)	46	46	52	52	44	51	48	54(232)	
52.5	12.8	54	54	44	44	58	44	52	41(59)	57	40	56	43	
		52	39	57	47(128)	44	44	54	54	39	52	47	57(232)	
59.1	11.9	56	56	42	42	56	55	42	42(2)	60	37	58	40	
		60	37	58	40(90)	41	41	56	56	37	60	40	58(270)	
65.6	11.0	57	57	40	40	61	52	44	37(17)	63	33	60	37	
		63	33	60	37(90)	39	39	58	58	33	63	37	60(269)	
72.2	10.1	58	58	38	38	65	50	45	33(25)	66	30	62	35	
		64	29	63	36(97)	37	37	59	59	29	64	37	63(262)	
78.7	9.3	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)	
85.3	8.6	61	61	35	35	71	47	46	28(33)	70	25	65	31	
		66	22	68	35(104)	34	34	62	62	22	66	35	68(255)	
91.9	7.9	62	62	33	33	74	45	47	25(35)	72	22	67	29	
		67	19	71	34(106)	32	32	63	63	19	67	34	71(253)	
98.4	7.3	63	63	32	32	76	44	47	23(37)	74	20	69	27	
		68	17	73	33(108)	31	31	64	64	16	67	34	73(251)	
105.0	6.6	64	64	31	31	78	42	48	21(39)	76	18	70	26	
		69	14	74	33(109)	30	30	65	65	14	68	33	74(250)	
111.5	6.0	65	65	30	30	79	43	47	19(37)	77	17	71	25	
		69	12	75	32(110)	29	29	66	66	12	69	33	76(249)	
118.1	5.7	66	66	28	28	83	41	48	17(39)	80	13	73	22	
		73	9	77	29(107)	27	27	67	67	9	72	30	78(252)	
124.7	5.3	67	67	27	27	85	40	49	15(40)	82	11	74	21	
		73	7	79	29(108)	26	26	68	68	7	73	29	79(251)	
131.2	4.9	68	68	26	26	87	39	49	13(40)	83	10	75	19	
		75	5	81	28(108)	24	24	69	69	5	74	28	81(251)	
137.8	4.4	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)	
144.4	4.2	70	70	23	23	91	37	50	9(42)	87	6	78	17	
		76	0	84	26(110)	22	22	71	71	0	75	27	85(249)	
150.9	3.5	70	70	23	23	91	37	50	9(42)	86	6	78	16	
		75	0	85	26(110)	22	22	71	71	0	75	26	85(249)	

157.5 2.9 70 70 23 23 91 37 50 9(42) 86 6 78 16
 75 0 84 26(110) 22 22 71 71 0 74 26 85(249)
 164.0 2.4 70 70 22 22 91 36 50 8(42) 87 5 78 16
 75 0 86 25(110) 21 21 71 71 0 74 25 86(249)

 HA= 82.3 HI=108.3 GGW= 48.7 SL= 0.0 MAX(A,B,C,D)= 8.5 7.0 8.0 8.0

Main boom and fixed jib (jib angle 0.0 degrees)
 Length of main boom = 84.0 ft Length of jib = 108.3 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(...)						
		A	B	C	D	A	B	C	D		A	B	C	D
32.8	15.7	47	47	52	52	45	52	49	53(59)	46	53	47	53	
		48	54	46	51(128)	52	52	48	48	54	48	51	46(232)	
39.4	14.6	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)	
45.9	13.4	51	51	47	47	54	47	51	45(59)	53	45	53	46	
		51	44	54	48(128)	46	46	52	52	44	51	48	54(232)	
52.5	12.3	53	53	45	45	58	44	52	42(59)	56	41	55	43	
		52	40	57	47(128)	44	44	54	54	40	52	47	57(232)	
59.1	11.2	55	55	42	42	61	42	52	39(59)	59	37	57	41	
		59	37	57	41(90)	42	42	55	55	37	59	41	57(270)	
65.6	10.1	56	56	41	41	58	53	43	39(10)	61	35	59	39	
		61	35	59	39(90)	40	40	56	56	35	61	39	59(270)	
72.2	9.0	57	57	39	39	61	51	43	36(19)	63	32	60	37	
		63	32	60	37(91)	39	39	58	58	32	63	37	60(268)	
78.7	7.9	57	57	38	38	63	50	44	34(23)	64	30	61	35	
		63	30	62	36(95)	37	37	58	58	29	63	36	62(264)	
85.3	7.5	59	59	36	36	67	48	45	30(29)	67	27	63	33	
		65	26	65	35(100)	35	35	60	60	25	64	35	65(259)	
91.9	6.8	60	60	35	35	70	47	46	28(32)	69	25	65	31	
		65	23	67	34(103)	34	34	61	61	22	65	35	67(256)	
98.4	6.2	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)	
105.0	5.7	62	62	32	32	75	44	47	23(36)	73	21	67	28	
		67	17	71	33(107)	31	31	63	63	17	67	34	71(252)	
111.5	5.1	63	63	31	31	76	43	47	22(38)	74	19	68	27	
		67	15	72	33(108)	30	30	64	64	15	67	33	73(251)	
118.1	4.6	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)	
124.7	4.4	65	65	28	28	81	42	47	18(38)	78	15	71	23	
		69	10	77	32(111)	27	27	66	66	10	69	32	77(248)	
131.2	4.0	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)	
137.8	3.5	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)	
144.4	3.3	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	80(251)	
150.9	3.1	69	69	24	24	89	38	49	10(41)	84	7	77	18	
		75	2	82	27(109)	23	23	70	70	2	74	27	82(250)	

157.5 2.9 70 70 23 23 91 37 50 8(42) 86 5 78 16
 75 0 85 26(110) 22 22 71 71 0 74 26 85(249)
 164.0 2.2 69 69 23 23 90 37 50 9(42) 86 6 77 16
 75 0 84 26(110) 22 22 71 71 0 74 26 84(249)

 HA= 84.0 HI=108.3 GGW= 48.7 SL= 0.0 MAX(A,B,C,D)= 8.4 6.9 7.9 7.9

Main boom and fixed jib (jib angle 0.0 degrees)
 Length of main boom = 96.5 ft Length of jib = 108.3 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)				
		A	B	C	D	A	B	C	D	A	B	C	D	
39.4	14.1	49	49	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)	
45.9	13.2	52	52	47	47	54	46	51	45(59)	54	44	53	46	
		51	43	54	48(128)	46	46	52	52	43	51	48	54(232)	
52.5	12.3	54	54	44	44	58	44	52	41(59)	57	40	56	43	
		52	39	57	47(128)	43	43	54	54	39	52	47	57(232)	
59.1	11.5	55	55	42	42	56	55	42	41(3)	60	36	58	40	
		60	36	58	40(90)	41	41	56	56	36	60	40	58(270)	
65.6	10.8	57	57	39	39	62	52	44	36(19)	63	33	60	37	
		63	32	61	37(92)	39	39	58	58	32	63	37	61(267)	
72.2	10.1	59	59	37	37	66	49	45	32(27)	67	29	63	34	
		65	28	64	36(99)	37	37	60	60	28	64	37	65(260)	
78.7	9.5	61	61	35	35	70	47	46	29(32)	69	26	65	32	
		66	24	67	35(103)	35	35	61	61	24	66	35	68(256)	
85.3	8.8	62	62	34	34	73	45	47	26(35)	72	23	67	30	
		67	20	70	34(106)	33	33	63	63	20	67	35	70(253)	
91.9	8.2	63	63	32	32	76	44	48	23(37)	74	21	69	28	
		68	17	73	34(108)	31	31	64	64	17	67	34	73(251)	
98.4	7.7	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	75(249)	
105.0	7.1	66	66	29	29	81	42	48	18(38)	79	15	72	24	
		70	11	77	32(111)	28	28	67	67	11	69	33	77(248)	
111.5	6.6	67	67	28	28	84	41	49	16(39)	81	13	74	22	
		74	8	78	29(107)	27	27	68	68	8	73	29	79(252)	
118.1	6.0	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)	
124.7	5.5	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)	
131.2	5.1	70	70	24	24	90	38	49	10(41)	86	7	77	17	
		76	2	83	27(109)	23	23	71	71	2	75	27	84(250)	
137.8	4.4	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)	
144.4	3.7	70	70	23	23	91	37	50	9(42)	87	6	78	16	
		76	0	85	26(110)	22	22	71	71	0	75	27	85(249)	
150.9	3.1	70	70	23	23	91	37	50	8(42)	86	5	78	16	
		75	0	85	26(110)	22	22	71	71	0	75	26	85(249)	
157.5	2.4	70	70	23	23	91	37	50	8(42)	86	5	78	16	
		75	0	85	26(110)	22	22	71	71	0	74	26	85(249)	

 HA= 96.5 HI=108.3 GGW= 48.7 SL= 0.0 MAX(A,B,C,D)= 8.5 7.0 7.9 7.9

Main boom and fixed jib (jib angle 0.0 degrees)
 Length of main boom = 100.4 ft Length of jib = 108.3 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(...)		3(90)		4(180)								
	A	B	C	D	A	B	C	D		A	B	C	D		
39.4	13.7	49	49	49	49	49	49	49	(59)	49	49	49	49		
		49	49	49	49	127	49	49	49	49	49	49	232		
45.9	12.8	51	51	47	47	54	46	51	45	(59)	53	45	52	46	
		50	44	53	48	128	46	46	52	52	44	50	48	53	232
52.5	11.9	53	53	44	44	58	44	52	41	(59)	56	41	55	43	
		52	39	57	47	128	44	44	54	54	39	52	47	57	232
59.1	11.0	55	55	42	42	61	42	53	38	(59)	60	37	57	40	
		60	37	57	40	(90)	41	41	56	56	37	60	40	57	270
65.6	10.1	56	56	40	40	60	52	43	37	(15)	62	34	60	38	
		62	34	60	38	(90)	39	39	57	57	34	62	38	60	270
72.2	9.5	58	58	38	38	64	50	44	34	(24)	65	30	62	35	
		64	29	63	36	(96)	37	37	59	59	29	64	37	63	263
78.7	8.6	59	59	37	37	67	48	45	31	(29)	67	28	63	33	
		65	26	65	35	100	36	36	60	60	26	65	36	65	259
85.3	7.7	60	60	35	35	70	47	46	28	(32)	69	26	65	32	
		65	23	67	35	103	34	34	61	61	23	65	35	67	256
91.9	7.1	61	61	34	34	72	45	46	26	(34)	71	23	66	30	
		67	20	69	34	105	33	33	62	62	20	66	34	69	254
98.4	6.6	63	63	32	32	76	44	47	23	(37)	74	20	68	28	
		67	17	72	34	108	31	31	64	64	17	67	34	72	251
105.0	6.2	64	64	30	30	78	42	48	20	(39)	76	18	70	26	
		69	14	74	32	109	30	30	65	65	14	68	33	75	250
111.5	5.5	65	65	29	29	80	43	47	19	(37)	77	16	71	24	
		69	12	76	32	110	28	28	66	66	11	69	32	76	249
118.1	5.1	66	66	28	28	82	42	47	17	(38)	79	14	72	23	
		73	10	77	29	106	27	27	67	67	10	72	29	77	253
124.7	4.6	67	67	27	27	84	41	48	15	(39)	81	12	74	21	
		73	7	78	28	107	26	26	68	68	7	73	29	79	252
131.2	4.2	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
137.8	4.0	69	69	24	24	89	38	49	11	(41)	85	8	77	18	
		75	2	82	27	109	23	23	70	70	2	75	28	83	250
144.4	3.5	70	70	23	23	90	37	50	9	(42)	86	6	78	17	
		75	0	84	27	110	22	22	71	71	0	75	27	84	249
150.9	2.9	70	70	23	23	90	37	50	9	(42)	86	6	77	17	
		75	0	84	26	110	22	22	71	71	0	75	27	84	249
157.5	2.4	70	70	22	22	91	36	50	8	(42)	87	5	78	16	
		75	0	86	25	110	21	21	71	71	0	74	25	86	249

 HA=100.4 HI=108.3 GGW= 48.7 SL= 0.0 MAX(A,B,C,D)= 8.5 6.9 7.9 8.0

Main boom and fixed jib (jib angle 0.0 degrees)

Length of main boom = 110.2 ft Length of jib = 108.3 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(...)						
	A	B	C	D	A	B	C	D		A	B	C	D
39.4	13.7	50	50	49	49	50	49	50	49(59)	50	48	50	49
		49	48	50	49(127)	49	49	50	50	48	49	49	50(232)
45.9	12.8	52	52	46	46	55	46	51	44(59)	54	44	53	45
		51	43	54	48(128)	46	46	52	52	43	51	48	54(232)
52.5	12.1	54	54	43	43	59	43	52	40(59)	58	39	56	42
		58	39	56	42(90)	43	43	55	55	39	58	42	56(270)
59.1	11.5	56	56	41	41	59	54	43	39(11)	62	35	59	39
		62	35	59	39(90)	40	40	57	57	35	62	39	59(270)
65.6	10.8	58	58	39	39	64	51	45	34(23)	65	31	62	36
		64	30	62	37(95)	38	38	59	59	30	64	37	63(264)
72.2	10.1	60	60	37	37	69	48	46	30(30)	68	28	64	33
		65	26	66	36(101)	36	36	61	61	26	65	36	66(258)
78.7	9.7	62	62	34	34	73	46	47	26(34)	72	24	67	30
		67	21	70	35(105)	34	34	63	63	21	67	35	70(254)
85.3	9.0	64	64	32	32	77	44	48	23(37)	75	21	69	28
		68	17	73	34(108)	32	32	64	64	17	68	34	73(251)
91.9	8.4	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)
98.4	7.9	67	67	29	29	83	43	48	18(38)	80	15	73	23
		71	10	78	32(111)	28	28	67	67	10	70	32	78(248)
105.0	7.5	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)
111.5	7.1	70	70	25	25	89	39	50	12(41)	85	9	77	19
		76	4	83	28(109)	24	24	71	71	4	75	28	83(250)
118.1	6.2	70	70	25	25	90	39	50	11(41)	86	8	77	18
		76	2	83	27(109)	24	24	71	71	2	75	28	84(250)
124.7	5.3	70	70	24	24	90	38	50	10(42)	86	7	78	17
		76	2	84	27(110)	23	23	71	71	1	75	28	84(249)
131.2	4.4	70	70	24	24	90	37	50	10(42)	86	7	78	17
		75	1	84	27(110)	23	23	71	71	1	75	28	84(249)
137.8	3.7	70	70	23	23	91	37	50	9(42)	86	6	78	17
		76	0	84	26(110)	22	22	71	71	0	75	27	85(249)
144.4	2.9	69	69	23	23	90	37	50	9(42)	86	6	77	17
		75	0	84	27(110)	22	22	71	71	0	75	27	84(249)
150.9	2.2	69	69	23	23	90	37	50	9(42)	86	6	77	16
		75	0	84	26(110)	22	22	71	71	0	74	27	84(249)

HA=110.2 HI=108.3 GGW= 48.7 SL= 0.0 MAX(A,B,C,D)= 8.4 7.0 7.8 7.9

Main boom and fixed jib (jib angle 0.0 degrees)
 Length of main boom = 114.5 ft Length of jib = 108.3 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(...)		
	A	B	C	D	A	B	C	D	

	4(...)				5(180)				6(...)				
	A	B	C	D	A	B	C	D	A	B	C	D	
45.9	12.6	52	52	46	46	54	46	51	44(59)	54	44	53	45
	51	43	54	48(128)	46	46	52	52	43	51	48	54(232)	
52.5	11.7	54	54	44	44	59	44	52	41(59)	57	40	56	42
	52	38	57	47(128)	43	43	54	54	38	52	47	57(232)	
59.1	11.0	56	56	41	41	57	54	43	40(7)	61	35	58	39
	61	35	58	39(90)	41	41	56	56	35	61	39	58(270)	
65.6	10.4	58	58	39	39	63	51	44	35(21)	64	32	61	36
	64	31	62	37(93)	38	38	58	58	31	63	37	62(266)	
72.2	9.5	59	59	37	37	67	49	45	32(27)	67	29	63	34
	65	27	65	36(99)	36	36	60	60	27	65	36	65(260)	
78.7	8.8	61	61	35	35	70	47	46	28(32)	70	26	65	32
	66	23	68	35(103)	34	34	62	62	23	66	35	68(256)	
85.3	8.2	62	62	34	34	74	45	47	25(35)	72	23	67	29
	67	20	70	34(106)	33	33	63	63	19	67	34	71(253)	
91.9	7.5	63	63	32	32	77	44	48	22(37)	75	20	69	27
	68	16	73	33(108)	31	31	64	64	16	68	34	73(251)	
98.4	6.8	65	65	30	30	79	42	48	20(39)	77	18	70	25
	69	13	75	33(110)	30	30	65	65	13	68	33	75(249)	
105.0	6.4	66	66	29	29	82	42	48	18(38)	79	15	72	23
	70	10	77	32(111)	28	28	67	67	10	69	32	78(248)	
111.5	6.0	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)	
118.1	5.5	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)	
124.7	5.1	70	70	24	24	90	38	49	11(41)	85	8	77	18
	76	2	83	27(109)	23	23	71	71	2	75	28	83(250)	
131.2	4.4	70	70	24	24	91	37	50	9(42)	86	6	78	17
	76	1	84	27(110)	22	22	71	71	1	75	28	84(249)	
137.8	3.5	70	70	24	24	90	37	50	9(42)	86	6	77	17
	75	1	84	27(110)	22	22	71	71	0	75	27	84(249)	
144.4	2.9	70	70	23	23	90	37	50	9(42)	86	6	78	16
	75	0	84	26(110)	22	22	71	71	0	75	27	84(249)	
150.9	2.2	70	70	23	23	90	37	50	9(42)	86	5	78	16
	75	0	84	26(110)	22	22	71	71	0	74	26	85(249)	

HA=114.5 HI=108.3 GGW= 48.7 SL= 0.0 MAX(A,B,C,D)= 8.4 7.0 7.8 7.9

Main boom and fixed jib (jib angle 0.0 degrees)
Length of main boom = 124.3 ft Length of jib = 108.3 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(...)								
	4(...)				5(180)				6(...)				
	A	B	C	D	A	B	C	D	A	B	C	D	
45.9	12.1	52	52	46	46	55	46	51	44(59)	54	43	53	45
	51	43	54	48(128)	45	45	52	52	43	51	48	54(232)	
52.5	11.7	54	54	43	43	60	43	52	40(59)	58	39	56	41
	58	39	56	41(90)	43	43	55	55	39	58	41	56(270)	
59.1	11.0	56	56	41	41	59	53	43	39(12)	62	35	59	38
	62	35	59	38(90)	40	40	57	57	35	62	38	59(270)	

65.6	10.4	58	58	38	38	65	50	45	34(24)	65	31	62	35
		64	30	63	37(96)	38	38	59	59	30	64	37	63(263)
72.2	9.9	61	61	36	36	70	48	46	29(31)	69	27	65	32
		66	24	67	35(102)	35	35	61	61	24	66	36	67(257)
78.7	9.5	63	63	34	34	74	46	47	25(35)	73	23	67	29
		68	20	71	34(106)	33	33	63	63	19	67	35	71(253)
85.3	9.0	65	65	31	31	79	43	48	22(38)	76	19	70	27
		69	15	75	33(109)	31	31	65	65	15	69	34	75(250)
91.9	8.4	66	66	30	30	81	43	48	19(38)	79	16	72	24
		70	11	77	33(111)	29	29	67	67	11	69	33	77(248)
98.4	7.9	68	68	28	28	85	42	49	16(39)	82	13	74	22
		74	8	79	29(107)	27	27	69	69	8	74	30	79(252)
105.0	7.5	69	69	26	26	89	39	50	13(41)	85	10	77	20
		75	5	82	28(109)	25	25	70	70	4	75	29	82(250)
111.5	6.6	70	70	25	25	90	39	50	11(41)	86	8	77	18
		76	3	83	28(109)	24	24	71	71	3	75	28	83(250)
118.1	5.7	70	70	24	24	91	38	50	10(42)	86	7	78	17
		76	1	84	27(110)	23	23	71	71	1	75	28	84(249)
124.7	4.6	70	70	24	24	90	38	49	10(41)	86	7	77	17
		76	2	83	27(109)	23	23	71	71	1	75	27	84(250)
131.2	4.0	70	70	23	23	91	37	50	9(42)	87	6	78	17
		76	0	84	26(110)	22	22	71	71	0	75	27	85(249)
137.8	3.1	70	70	23	23	91	37	50	9(42)	86	6	78	16
		75	0	84	26(110)	22	22	71	71	0	75	27	84(249)
144.4	2.4	70	70	23	23	91	37	50	8(42)	86	5	78	16
		75	0	85	25(110)	22	22	71	71	0	74	26	86(249)

HA=124.3 HI=108.3 GGW= 48.7 SL= 0.0 MAX(A,B,C,D)= 8.5 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 = 108.3 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	
52.5	10.8	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)
59.1	10.6	56	56	41	41	58	54	43	39(10)	61	35	59	39
		61	35	59	39(90)	40	40	57	57	35	61	39	59(270)
65.6	9.9	58	58	39	39	64	50	44	34(23)	65	31	61	36
		64	30	62	37(95)	38	38	59	59	30	63	37	62(264)
72.2	9.5	60	60	36	36	69	48	46	30(30)	69	27	64	33
		65	25	66	36(102)	35	35	61	61	25	65	36	67(257)
78.7	8.8	62	62	34	34	73	46	47	26(34)	71	24	67	30
		67	21	69	34(105)	34	34	63	63	21	67	35	70(254)
85.3	8.2	63	63	32	32	76	44	48	23(37)	74	21	69	28
		68	17	73	34(108)	32	32	64	64	17	67	34	73(251)
91.9	7.7	65	65	30	30	80	42	49	20(39)	77	17	71	25
		69	13	76	33(110)	30	30	66	66	13	69	33	76(249)
98.4	7.1	66	66	29	29	82	42	48	18(38)	79	15	73	23
		70	10	78	32(111)	28	28	67	67	10	70	32	78(248)

105.0	6.4	67	67	27	27	84	41	48	15(39)	81	13	74	22
		74	8	79	29(107)	26	26	68	68	8	73	29	79(252)
111.5	6.0	69	69	26	26	88	39	50	13(41)	84	10	76	19
		75	5	82	28(109)	25	25	70	70	4	74	29	82(250)
118.1	5.3	70	70	24	24	89	39	50	11(41)	85	8	77	18
		76	3	83	27(109)	24	24	71	71	2	75	28	83(250)
124.7	4.4	70	70	24	24	90	38	49	10(41)	86	7	77	17
		76	2	83	27(109)	23	23	71	71	2	75	27	83(250)
131.2	3.5	69	69	24	24	90	38	49	10(41)	85	7	77	17
		76	1	83	26(109)	23	23	71	71	1	75	27	83(250)
137.8	2.9	70	70	23	23	90	37	50	9(42)	86	6	78	17
		75	0	84	26(110)	22	22	71	71	0	75	27	84(249)

 HA=130.9 HI=108.3 GGW= 48.7 SL= 0.0 MAX(A,B,C,D)= 8.4 7.0 7.8 7.8

Main boom and fixed jib (jib angle 0.0 degrees)
 Length of main boom = 138.1 ft Length of jib = 108.3 ft
 Main boom sequence = 0-0-45-90-90-90 % LK = 54
 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	11.2	54	54	43	43	61	43	52	39(59)	59	38	57	41
		59	38	57	41(90)	42	42	55	55	38	59	41	57(270)
59.1	10.8	57	57	40	40	61	52	44	37(17)	63	33	60	37
		63	33	60	37(90)	39	39	58	58	33	63	37	60(269)
65.6	10.4	60	60	37	37	67	49	45	32(28)	67	29	63	34
		65	27	65	36(99)	37	37	60	60	27	65	36	65(260)
72.2	9.7	62	62	35	35	72	47	47	28(33)	71	25	66	31
		67	22	69	35(104)	34	34	62	62	22	66	35	69(255)
78.7	9.3	63	63	33	33	77	44	48	24(37)	74	21	69	28
		68	17	73	34(108)	32	32	64	64	17	68	34	73(251)
85.3	8.8	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	76(249)
91.9	8.4	68	68	28	28	84	42	49	16(39)	81	14	74	22
		74	9	79	30(107)	27	27	68	68	9	73	30	79(252)
98.4	7.7	69	69	26	26	87	40	49	14(40)	84	11	76	20
		75	6	81	28(108)	26	26	70	70	6	75	29	81(251)
105.0	6.6	69	69	26	26	88	39	50	12(41)	84	9	77	19
		75	4	82	28(109)	25	25	70	70	4	75	29	82(250)
111.5	5.5	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)
118.1	4.4	69	69	25	25	88	38	49	11(41)	84	8	77	18
		75	3	82	27(109)	24	24	70	70	3	74	28	82(250)
124.7	3.5	69	69	24	24	89	38	49	11(41)	85	7	77	18
		75	2	82	27(109)	23	23	70	70	2	75	27	83(250)
131.2	2.6	69	69	24	24	89	38	49	10(41)	84	7	77	17
		75	2	82	27(109)	23	23	70	70	2	74	27	82(250)

 HA=138.1 HI=108.3 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 = 145.0 ft Length of jib = 108.3 ft
 Main boom sequence = 0-0-45-100-100-100 % LK = 55
 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	10.4	54	54	43	43	59	43	52	40	(59)	57	39	56	41		
		57	39	56	41	(90)	43	43	54	54		39	57	41	56	(270)
59.1	10.1	56	56	40	40	60	53	43	38	(14)	62	34	59	38		
		62	34	59	38	(90)	40	40	57	57		34	62	38	59	(270)
65.6	9.7	59	59	38	38	65	50	45	33	(26)	66	30	62	35		
		64	28	64	36	(98)	37	37	59	59		28	64	37	64	(261)
72.2	9.3	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)
78.7	8.8	63	63	33	33	75	45	47	24	(36)	74	22	68	29		
		68	18	72	34	(107)	32	32	64	64		18	67	34	72	(252)
85.3	8.4	65	65	31	31	80	43	49	20	(39)	77	18	71	26		
		69	14	75	33	(110)	30	30	66	66		14	69	34	76	(249)
91.9	7.7	67	67	29	29	82	43	48	18	(38)	80	15	73	23		
		71	10	78	32	(111)	28	28	67	67		10	70	32	78	(248)
98.4	7.3	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)
105.0	6.2	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)
111.5	5.1	69	69	26	26	88	39	49	12	(41)	84	9	76	19		
		74	4	81	28	(109)	24	24	69	69		4	74	29	82	(250)
118.1	4.2	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)
124.7	3.3	69	69	24	24	88	38	49	11	(41)	84	8	76	18		
		75	2	82	27	(109)	23	23	70	70		2	74	28	82	(250)
131.2	2.4	69	69	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)

HA=145.0 HI=108.3 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 0.0 degrees)
 Length of main boom = 152.2 ft Length of jib = 108.3 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)							
	4(...)				5(180)				6(...)							
	A	B	C	D	A	B	C	D	A	B	C	D				
52.5	10.4	54	54	42	42	60	42	52	39	(59)	59	37	57	41		
		59	37	57	41	(90)	42	42	55	55		37	59	41	57	(270)
59.1	10.1	57	57	39	39	62	52	44	36	(19)	63	33	60	37		
		63	33	60	37	(91)	39	39	58	58		32	63	37	61	(268)
65.6	9.9	60	60	37	37	68	49	46	31	(29)	68	28	64	33		
		65	26	66	36	(101)	36	36	60	60		26	65	36	66	(258)
72.2	9.5	62	62	34	34	73	46	47	26	(35)	72	24	67	30		
		67	21	70	34	(105)	34	34	63	63		21	67	35	70	(254)

78.7	9.0	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)
85.3	8.6	67	67	29	29	82	43	48	18(38)	79	16	73	24
		71	11	78	32(111)	29	29	67	67	11	70	33	78(248)
91.9	7.9	68	68	27	27	86	41	49	15(40)	82	12	75	22
		74	8	80	29(108)	27	27	69	69	7	74	30	80(251)
98.4	6.6	68	68	27	27	86	40	49	14(40)	83	11	75	21
		74	6	80	29(108)	26	26	69	69	6	74	29	80(251)
105.0	5.3	68	68	26	26	86	40	49	14(40)	82	11	75	20
		74	6	80	28(108)	25	25	69	69	6	74	29	80(251)
111.5	4.2	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	80(251)
118.1	3.3	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)
124.7	2.4	68	68	25	25	87	38	49	11(41)	83	8	76	18
		74	3	81	27(109)	23	23	69	69	3	73	28	81(250)

 HA=152.2 HI=108.3 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 = 161.4 ft Length of jib = 108.3 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)								
	4(...)	5(180)	6(...)										
A B C D	A B C D	A B C D	A B C D										
59.1	8.8	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)
65.6	8.8	58	58	37	37	65	49	45	32(26)	66	29	62	34
		64	28	64	36(98)	37	37	59	59	28	64	36	64(261)
72.2	8.6	61	61	35	35	71	47	46	28(33)	70	25	66	31
		66	22	68	35(104)	34	34	62	62	22	66	35	69(255)
78.7	8.4	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)
85.3	8.2	66	66	30	30	82	43	48	19(38)	79	16	72	24
		70	11	77	33(111)	29	29	67	67	11	69	33	77(248)
91.9	7.5	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)
98.4	6.2	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)
105.0	4.9	67	67	26	26	85	40	49	14(40)	82	11	74	21
		73	6	80	28(108)	26	26	68	68	6	73	29	80(251)
111.5	3.7	67	67	26	26	85	39	49	14(40)	82	11	74	20
		73	6	80	28(108)	25	25	68	68	6	73	28	80(251)
118.1	2.6	67	67	26	26	85	39	48	13(40)	81	10	74	20
		73	6	79	28(108)	25	25	68	68	5	73	28	80(251)

 HA=161.4 HI=108.3 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 0.0 degrees)

Length of main boom = 166.0 ft Length of jib = 108.3 ft
 Main boom sequence = 0-45-90-90-90-90 % LK = 68

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			
59.1	9.5	57	57	39	39	63	51	44	35	(21)	64	32	61	36		
		63	31	61	37	(93)	38	38	58	58		31	63	37	62	(266)
65.6	9.5	60	60	36	36	70	48	46	29	(31)	69	26	65	32		
		66	24	67	35	(102)	35	35	61	61		24	66	35	67	(257)
72.2	9.3	63	63	33	33	76	45	48	24	(36)	74	22	68	29		
		68	18	72	34	(107)	32	32	64	64		18	68	34	72	(252)
78.7	8.8	65	65	30	30	81	42	49	20	(40)	78	17	71	25		
		70	13	76	33	(110)	30	30	66	66		13	69	33	76	(249)
85.3	7.9	67	67	28	28	83	42	49	17	(39)	80	14	73	23		
		71	9	79	32	(112)	28	28	68	68		9	70	33	79	(247)
91.9	6.4	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)
98.4	5.1	67	67	27	27	84	41	48	15	(39)	81	12	74	21		
		73	8	78	28	(107)	26	26	68	68		8	73	29	79	(252)
105.0	3.7	67	67	27	27	84	40	48	15	(39)	80	12	73	21		
		73	7	78	28	(107)	26	26	68	68		7	73	29	78	(252)
111.5	2.9	67	67	26	26	85	39	48	14	(40)	81	11	74	20		
		73	6	79	28	(108)	25	25	68	68		6	73	28	79	(251)

HA=166.0 HI=108.3 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 0.0 degrees)

Length of main boom = 175.5 ft Length of jib = 108.3 ft

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

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			
59.1	8.2	56	56	40	40	59	52	43	37	(14)	62	33	59	37		
		62	33	59	37	(90)	39	39	57	57		33	62	37	59	(270)
65.6	8.2	59	59	37	37	67	49	45	31	(28)	67	28	63	34		
		65	27	64	35	(99)	36	36	60	60		27	64	36	65	(260)
72.2	8.2	62	62	34	34	73	45	47	26	(35)	72	23	67	30		
		67	21	70	34	(105)	33	33	63	63		20	67	34	70	(254)
78.7	7.9	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	75	(250)
85.3	7.5	67	67	29	29	82	43	48	18	(38)	80	15	73	23		
		71	10	78	32	(111)	28	28	67	67		10	70	32	78	(248)
91.9	6.0	66	66	28	28	83	41	48	17	(39)	80	14	73	23		
		73	9	77	30	(107)	27	27	67	67		9	72	30	78	(252)
98.4	4.6	66	66	28	28	83	41	48	16	(39)	80	13	73	22		
		73	9	78	29	(107)	26	26	67	67		8	72	29	78	(252)
105.0	3.3	66	66	27	27	83	40	48	15	(39)	80	12	73	22		
		72	8	78	28	(107)	26	26	67	67		8	72	29	78	(252)
111.5	2.2	66	66	27	27	83	40	47	15	(39)	80	12	73	21		
		72	7	78	28	(107)	26	26	67	67		7	72	29	78	(252)

HA=175.5 HI=108.3 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 0.0 degrees)
Length of main boom = 180.1 ft Length of jib = 108.3 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)		4(...)				
		A	B	C	D	A	B	C	D	A	B	C	D	
65.6	8.6	60	60	35	35	70	47	46	29(31)	69	26	65	32	
		66	24	67	35(103)	35	35	61	61	24	65	35	67(256)	
72.2	8.6	63	63	32	32	77	44	48	23(37)	74	21	69	28	
		68	17	73	34(108)	32	32	64	64	17	68	34	73(251)	
78.7	8.2	66	66	30	30	81	43	48	19(38)	78	17	72	25	
		70	12	77	32(110)	29	29	67	67	12	70	33	77(249)	
85.3	6.6	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)	
91.9	5.1	66	66	28	28	82	41	48	17(39)	79	14	72	23	
		72	10	77	30(107)	27	27	67	67	9	72	30	77(252)	
98.4	3.5	65	65	28	28	81	41	47	17(38)	79	14	72	22	
		72	9	76	29(106)	27	27	67	67	9	72	29	77(253)	
105.0	2.4	65	65	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)	

HA=180.1 HI=108.3 GGW= 48.7 SL= 0.0 MAX(A,B,C,D)= 7.6 6.7 7.2 7.2

Main boom and fixed jib (jib angle 0.0 degrees)
Length of main boom = 191.9 ft Length of jib = 108.3 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)		4(...)				
		A	B	C	D	A	B	C	D	A	B	C	D	
65.6	6.8	58	58	37	37	65	49	45	32(27)	66	28	62	34	
		64	27	64	35(99)	36	36	59	59	27	63	36	64(260)	
72.2	6.8	61	61	34	34	72	45	46	26(34)	71	23	66	30	
		66	21	69	34(105)	33	33	62	62	21	66	34	69(254)	
78.7	6.8	64	64	31	31	78	43	48	21(38)	76	19	70	26	
		69	15	74	33(109)	30	30	65	65	14	68	33	74(250)	
85.3	5.7	65	65	30	30	80	43	47	19(37)	77	16	71	24	
		69	12	76	32(110)	28	28	66	66	12	69	32	76(249)	
91.9	4.2	65	65	29	29	80	42	47	18(38)	77	15	71	24	
		69	11	76	32(111)	28	28	66	66	11	68	32	76(248)	
98.4	2.9	65	65	28	28	80	41	47	17(38)	77	14	71	23	
		69	10	76	31(111)	27	27	66	66	10	68	32	76(248)	

HA=191.9 HI=108.3 GGW= 48.7 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 = 193.9 ft Length of jib = 108.3 ft
 Main boom sequence = 45-90-90-90-90 % 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	7.5	60	60	35	35	70	47	46	28	(32)	69	25	65	31	
		66	23	67	35	(103)	34	34	61	61	23	65	35	67	(256)
72.2	7.5	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)
78.7	6.4	65	65	30	30	79	42	48	20	(39)	77	17	71	25	
		69	13	75	33	(110)	29	29	65	65	13	68	33	75	(249)
85.3	4.9	65	65	29	29	80	43	47	19	(37)	77	16	71	24	
		69	11	76	32	(110)	28	28	66	66	11	69	32	76	(249)
91.9	3.3	65	65	29	29	80	41	47	18	(38)	77	15	71	23	
		69	10	76	32	(111)	28	28	66	66	10	68	32	76	(248)

HA=193.9 HI=108.3 GGW= 48.7 SL= 0.0 MAX(A,B,C,D)= 7.4 6.4 7.1 7.1

HA=193.9 HI=108.3 GGW= 48.7 SL= 0.0 MAX(A,B,C,D)= 0.0 0.0 0.0 0.0

HA=193.9 HI=108.3 GGW= 48.7 SL= 0.0 MAX(A,B,C,D)= 0.0 0.0 0.0 0.0

HA=193.9 HI=108.3 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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Festdatei : /berechnung/tabellen/zentraledaten/lamosfd-ac/200-1.99dat

Tabellendat.: /berechnung/tabellen/ac/ac200-1/serie_3/pc_tab/22137912_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 KS

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 = 108.3 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(...)				
	A	B	C	D	A	B	C	D	A	B	C	D	
45.9	13.0	47	47	51	51	46	50	48	52(59)	46	51	47	51
		48	52	47	50(128)	50	50	48	48	52	48	50	47(232)
52.5	11.9	49	49	49	49	49	48	49	49(59)	49	48	49	49
		49	48	49	49(127)	48	48	49	49	48	49	49	49(232)
59.1	10.8	50	50	47	47	52	46	50	45(59)	51	45	51	46
		49	44	52	48(128)	46	46	51	51	44	49	48	52(232)
65.6	9.9	52	52	45	45	55	45	51	43(59)	54	42	53	44
		50	41	54	47(128)	44	44	52	52	41	50	47	54(232)
72.2	9.0	53	53	43	43	58	43	51	40(59)	56	39	55	42
		51	37	57	46(128)	42	42	53	53	37	51	46	57(232)
78.7	8.4	54	54	41	41	61	41	52	37(59)	59	36	57	39
		59	36	57	39(90)	41	41	55	55	36	59	39	57(270)
85.3	7.7	55	55	40	40	58	52	42	38(13)	61	34	58	37
		61	34	58	37(90)	39	39	56	56	34	61	37	58(270)
91.9	7.3	57	57	38	38	62	50	43	34(22)	63	31	60	35
		63	30	61	36(94)	37	37	58	58	30	63	36	61(265)
98.4	6.6	58	58	37	37	65	49	44	32(26)	65	28	62	34
		64	27	63	35(98)	36	36	59	59	27	63	35	63(261)
105.0	6.2	59	59	35	35	68	47	45	29(30)	68	26	63	32
		65	24	66	35(102)	34	34	60	60	24	64	35	66(257)
111.5	5.7	60	60	34	34	71	46	46	26(33)	70	23	65	30
		66	21	68	34(104)	33	33	61	61	21	65	34	68(255)
118.1	5.5	62	62	32	32	74	44	47	23(36)	73	21	67	28
		67	17	71	33(107)	31	31	63	63	17	67	34	71(252)
124.7	5.1	63	63	31	31	77	42	47	21(38)	75	18	69	26
		67	14	73	33(109)	30	30	64	64	14	67	33	73(250)
131.2	4.9	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)

HA= 40.7 HI=108.3 GGW= 48.7 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 = 54.5 ft Length of jib = 108.3 ft
Main boom sequence = 0-0-0-0-0-45 % LK = 7
Counterweight = 48.7 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	
45.9	13.0	47	47	51	51	46	50	48	52(59)	46	51	47	51
		48	52	47	50(128)	50	50	48	48	52	48	50	47(232)
52.5	11.9	49	49	49	49	49	48	49	48(59)	49	48	50	48
		49	48	50	49(127)	48	48	49	49	48	49	49	50(232)
59.1	11.0	50	50	46	46	53	46	50	45(59)	52	44	52	46
		50	44	53	48(128)	46	46	51	51	44	50	48	53(232)
65.6	10.1	52	52	45	45	56	44	51	42(59)	55	41	54	43
		51	40	55	47(128)	44	44	53	53	40	51	47	55(232)
72.2	9.5	54	54	43	43	59	42	52	39(59)	58	38	56	41
		58	38	56	41(90)	42	42	54	54	38	58	41	56(270)
78.7	8.6	55	55	41	41	56	54	42	40(4)	60	35	58	39
		60	35	58	39(90)	40	40	56	56	35	60	39	58(270)

85.3	8.2	56	56	39	39	61	51	43	36(18)	63	32	60	37
		62	32	60	37(91)	38	38	57	57	32	62	37	60(268)
91.9	7.5	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)
98.4	7.1	59	59	36	36	67	48	45	30(29)	67	27	63	33
		64	25	65	35(101)	35	35	60	60	25	64	35	65(258)
105.0	6.6	60	60	34	34	71	46	46	27(33)	69	24	65	31
		65	22	68	34(104)	34	34	61	61	22	65	35	68(255)
111.5	6.2	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)
118.1	6.0	63	63	31	31	77	43	48	21(38)	75	19	69	26
		68	15	73	33(109)	30	30	64	64	15	67	33	73(250)
124.7	5.5	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)
131.2	5.3	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)
137.8	4.9	67	67	27	27	84	41	48	15(39)	81	12	74	21
		73	7	78	28(107)	26	26	68	68	7	73	29	79(252)
144.4	4.6	68	68	25	25	88	39	49	12(41)	84	9	76	19
		74	4	81	28(109)	24	24	69	69	4	74	28	82(250)

HA= 54.5 HI=108.3 GGW= 48.7 SL= 0.0 MAX(A,B,C,D)= 8.1 6.8 7.6 7.6

Main boom and fixed jib (jib angle 20.0 degrees)

Length of main boom = 68.6 ft Length of jib = 108.3 ft

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

Counterweight = 48.7 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
52.5	11.9	49	49	48	48	50	48	49	48(59)	49	47	50	48
		49	47	50	49(127)	48	48	50	50	47	49	49	50(232)
59.1	11.0	51	51	46	46	53	46	50	45(59)	52	44	52	46
		50	43	53	48(128)	46	46	51	51	43	50	48	53(232)
65.6	10.1	52	52	44	44	56	44	51	42(59)	55	41	54	43
		51	40	56	47(128)	44	44	53	53	40	51	47	56(232)
72.2	9.5	54	54	42	42	60	42	52	39(59)	58	37	56	41
		58	37	56	41(90)	42	42	54	54	37	58	41	56(270)
78.7	8.6	55	55	41	41	56	54	42	40(6)	60	35	58	39
		60	35	58	39(90)	40	40	56	56	35	60	39	58(270)
85.3	7.9	56	56	39	39	60	51	43	36(17)	62	32	60	37
		62	32	60	37(90)	38	38	57	57	32	62	37	60(269)
91.9	7.3	57	57	38	38	63	49	44	33(24)	64	30	61	35
		63	29	62	36(96)	37	37	58	58	29	63	36	62(263)
98.4	6.8	59	59	36	36	67	48	45	30(29)	67	27	63	33
		64	25	65	35(100)	35	35	60	60	25	64	35	65(259)
105.0	6.2	60	60	35	35	69	47	45	28(31)	68	25	64	31
		65	23	67	35(103)	34	34	60	60	23	65	35	67(256)
111.5	5.5	60	60	34	34	71	45	46	26(33)	70	24	65	30
		66	21	68	34(104)	33	33	61	61	21	65	34	68(255)
118.1	5.1	61	61	33	33	73	44	46	24(35)	71	21	67	28
		66	18	70	33(106)	32	32	62	62	18	66	34	70(253)

124.7	4.9	63	63	31	31	77	42	47	21(38)	74	19	69	26
		68	15	73	32(108)	30	30	64	64	15	67	33	73(251)
131.2	4.4	64	64	30	30	78	43	47	20(37)	76	17	70	25
		68	13	75	32(110)	29	29	65	65	12	67	33	75(249)
137.8	4.0	65	65	29	29	80	41	47	18(38)	77	15	71	24
		69	10	76	32(111)	28	28	66	66	10	68	32	76(248)
144.4	3.7	66	66	27	27	83	40	48	16(39)	80	13	73	22
		72	8	77	29(107)	26	26	67	67	8	72	29	78(252)
150.9	3.5	67	67	26	26	85	39	48	13(40)	82	10	74	20
		73	5	80	28(108)	25	25	68	68	5	73	28	80(251)
157.5	3.3	69	69	24	24	88	38	49	11(41)	84	8	76	18
		75	2	82	27(109)	23	23	70	70	2	74	28	82(250)

HA= 68.6 HI=108.3 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 20.0 degrees)

Length of main boom = 82.3 ft Length of jib = 108.3 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				
52.5	11.7	49	49	48	48	50	48	49	48(59)	50	47	50	48
		49	47	50	49(127)	48	48	50	50	47	49	49	50(232)
59.1	10.8	51	51	46	46	53	46	50	45(59)	53	44	52	45
		50	43	53	48(128)	45	45	51	51	43	50	48	53(232)
65.6	10.1	53	53	44	44	57	44	51	41(59)	56	40	55	43
		51	39	56	47(128)	43	43	53	53	39	51	47	56(232)
72.2	9.5	54	54	42	42	61	42	52	38(59)	59	37	57	40
		59	37	57	40(90)	41	41	55	55	37	59	40	57(270)
78.7	8.8	56	56	40	40	59	52	43	38(13)	62	34	59	38
		62	34	59	38(90)	39	39	56	56	34	62	38	59(270)
85.3	8.2	57	57	38	38	63	50	44	34(22)	64	31	61	35
		63	30	61	36(94)	37	37	58	58	30	63	36	62(265)
91.9	7.7	59	59	36	36	67	48	45	31(28)	67	28	63	33
		64	26	65	35(100)	36	36	60	60	26	64	36	65(259)
98.4	7.1	60	60	35	35	69	47	45	28(31)	69	25	64	32
		65	23	67	35(103)	34	34	61	61	23	65	35	67(256)
105.0	6.6	61	61	34	34	73	45	47	25(35)	71	23	66	29
		67	20	69	34(105)	33	33	62	62	20	66	34	69(254)
111.5	6.2	63	63	32	32	75	43	47	23(37)	73	20	68	28
		67	17	72	33(108)	31	31	63	63	17	67	34	72(251)
118.1	5.5	63	63	31	31	77	43	48	21(38)	75	19	69	26
		68	15	73	33(109)	30	30	64	64	15	67	33	73(250)
124.7	5.1	64	64	30	30	79	43	47	19(37)	77	16	70	24
		69	12	75	32(110)	29	29	65	65	12	68	32	75(249)
131.2	4.9	66	66	28	28	82	41	48	17(39)	79	14	72	22
		72	9	77	29(107)	27	27	67	67	9	71	30	77(252)
137.8	4.4	67	67	27	27	84	41	48	15(39)	81	12	74	21
		73	7	78	28(107)	26	26	68	68	7	73	29	79(252)
144.4	4.2	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)

150.9 4.0 70 70 24 24 90 37 50 10(42) 86 7 77 17
 75 1 84 27(110) 23 23 71 71 1 75 28 84(249)
 157.5 3.3 70 70 23 23 90 37 50 9(42) 86 6 77 17
 75 0 84 27(110) 22 22 71 71 0 75 27 84(249)
 164.0 2.6 69 69 23 23 90 37 50 9(42) 86 6 77 17
 75 0 84 26(110) 22 22 71 71 0 74 27 84(249)

 HA= 82.3 HI=108.3 GGW= 48.7 SL= 0.0 MAX(A,B,C,D)= 8.4 6.9 7.8 7.8

Main boom and fixed jib (jib angle 20.0 degrees)

Length of main boom = 96.5 ft Length of jib = 108.3 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
59.1	10.6	51	51	46	46	54	45	50	44(59)	53	43	52	45
		50	43	53	48(128)	45	45	51	51	43	50	48	53(232)
65.6	9.9	53	53	44	44	57	43	51	41(59)	56	40	55	42
		51	39	56	47(128)	43	43	53	53	39	51	47	56(232)
72.2	9.5	55	55	41	41	55	54	42	41(1)	60	36	57	39
		60	36	57	39(90)	41	41	55	55	36	60	39	57(270)
78.7	8.8	56	56	39	39	60	52	43	37(16)	62	33	60	37
		62	33	60	37(90)	39	39	57	57	33	62	37	60(270)
85.3	8.4	58	58	37	37	65	50	44	33(25)	65	30	62	35
		64	28	63	36(97)	37	37	59	59	28	64	36	63(262)
91.9	7.7	59	59	36	36	68	48	45	30(30)	68	27	64	32
		65	25	66	35(101)	35	35	60	60	25	65	35	66(258)
98.4	7.3	61	61	34	34	72	46	46	26(34)	70	24	66	30
		66	21	69	34(105)	33	33	62	62	21	66	35	69(254)
105.0	6.8	62	62	32	32	75	44	47	24(36)	73	21	68	28
		67	18	71	34(107)	32	32	63	63	17	67	34	71(252)
111.5	6.4	64	64	31	31	78	43	48	21(38)	75	18	69	26
		68	14	74	33(109)	30	30	65	65	14	68	33	74(250)
118.1	6.0	65	65	29	29	80	42	48	19(38)	78	16	71	24
		69	11	76	32(110)	28	28	66	66	11	69	32	76(249)
124.7	5.5	66	66	28	28	83	41	48	17(39)	80	13	73	22
		73	9	77	29(107)	27	27	67	67	9	72	30	78(252)
131.2	5.1	67	67	27	27	85	40	49	14(40)	82	11	74	21
		73	7	79	28(108)	26	26	68	68	7	73	29	80(251)
137.8	4.9	69	69	25	25	88	39	49	11(41)	84	9	76	19
		75	3	82	28(109)	24	24	70	70	3	74	28	82(250)
144.4	4.4	70	70	24	24	90	37	50	10(42)	86	7	77	17
		75	1	84	27(110)	23	23	71	71	1	75	28	84(249)
150.9	3.7	70	70	23	23	91	37	50	9(42)	86	6	78	17
		76	0	84	27(110)	22	22	71	71	0	75	27	84(249)
157.5	3.1	70	70	23	23	91	37	50	9(42)	86	6	78	16
		75	0	84	26(110)	22	22	71	71	0	75	27	85(249)
164.0	2.4	70	70	23	23	90	37	50	8(42)	86	5	78	16
		75	0	84	26(110)	22	22	71	71	0	74	26	85(249)

 HA= 96.5 HI=108.3 GGW= 48.7 SL= 0.0 MAX(A,B,C,D)= 8.4 7.0 7.8 7.9

 Main boom and fixed jib (jib angle 20.0 degrees)
 Length of main boom = 110.2 ft Length of jib = 108.3 ft
 Main boom sequence = 0-0-0-45-90-90 % LK = 36
 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			
65.6	9.9	53	53	43	43	59	43	52	40(59)	57	39	56	41	
		57	39	56	41(90)	42	42	54	54	39	57	41	56(270)	
72.2	9.5	56	56	41	41	57	53	42	39(9)	61	35	58	39	
		61	35	58	39(90)	40	40	56	56	35	61	39	58(270)	
78.7	8.8	57	57	39	39	62	51	44	35(21)	64	32	61	36	
		63	31	61	37(93)	38	38	58	58	31	63	37	61(266)	
85.3	8.4	59	59	37	37	67	49	45	31(28)	67	28	63	34	
		65	26	65	36(100)	36	36	60	60	26	64	36	65(259)	
91.9	7.9	61	61	35	35	71	46	46	27(33)	70	25	65	31	
		66	22	68	35(104)	34	34	62	62	22	66	35	68(255)	
98.4	7.5	62	62	33	33	75	45	47	24(36)	73	21	68	28	
		67	18	71	34(107)	32	32	63	63	18	67	34	71(252)	
105.0	7.1	64	64	31	31	78	43	48	21(38)	76	19	70	26	
		69	15	74	33(109)	30	30	65	65	14	68	33	74(250)	
111.5	6.6	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)	
118.1	6.2	67	67	28	28	84	41	48	16(39)	81	13	73	22	
		73	9	78	29(107)	27	27	68	68	8	73	30	78(252)	
124.7	6.0	69	69	26	26	88	39	50	13(41)	84	10	76	19	
		75	5	82	28(109)	25	25	70	70	4	74	29	82(250)	
131.2	5.5	70	70	24	24	90	39	50	10(41)	86	7	77	18	
		76	2	83	27(109)	23	23	71	71	2	75	28	84(250)	
137.8	4.6	70	70	24	24	90	38	49	10(41)	86	7	77	17	
		76	2	83	27(109)	23	23	71	71	1	75	27	84(250)	
144.4	4.0	70	70	23	23	91	37	50	9(42)	86	6	78	17	
		76	0	84	27(110)	22	22	71	71	0	75	27	84(249)	
150.9	3.1	70	70	23	23	90	37	50	9(42)	86	6	77	17	
		75	0	84	27(110)	22	22	71	71	0	75	27	84(249)	
157.5	2.4	69	69	23	23	90	37	50	9(42)	86	6	77	16	
		75	0	84	26(110)	22	22	71	71	0	74	27	84(249)	

 HA=110.2 HI=108.3 GGW= 48.7 SL= 0.0 MAX(A,B,C,D)= 8.4 7.0 7.8 7.8

Main boom and fixed jib (jib angle 20.0 degrees)
 Length of main boom = 124.3 ft Length of jib = 108.3 ft
 Main boom sequence = 0-0-0-90-90-90 % LK = 45
 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			
65.6	9.7	54	54	43	43	59	43	52	39(59)	58	38	56	41	
		58	38	56	41(90)	42	42	54	54	38	58	41	56(270)	

72.2	9.3	56	56	40	40	58	53	43	38(12)	61	34	59	38
		61	34	59	38(90)	40	40	56	56	34	61	38	59(270)
78.7	8.8	58	58	38	38	64	50	44	34(24)	65	30	62	35
		64	29	62	36(96)	37	37	59	59	29	63	37	63(263)
85.3	8.2	59	59	36	36	68	48	45	30(29)	68	27	63	33
		65	25	65	35(101)	35	35	60	60	25	65	36	66(258)
91.9	7.9	62	62	34	34	73	46	47	26(34)	71	23	67	30
		67	20	70	34(105)	33	33	62	62	20	67	34	70(254)
98.4	7.5	63	63	32	32	77	44	48	22(37)	75	20	69	27
		68	16	73	33(108)	31	31	64	64	16	68	34	73(251)
105.0	7.1	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)
111.5	6.6	67	67	28	28	83	41	49	17(39)	80	14	73	23
		73	9	78	30(107)	27	27	67	67	9	72	30	78(252)
118.1	6.4	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)
124.7	6.0	70	70	24	24	90	39	50	11(41)	86	8	77	18
		76	2	83	27(109)	24	24	71	71	2	75	28	84(250)
131.2	5.1	70	70	24	24	90	37	50	10(42)	86	7	78	17
		76	1	84	27(110)	23	23	71	71	1	75	28	84(249)
137.8	4.2	70	70	24	24	90	37	50	9(42)	86	6	78	17
		76	1	84	27(110)	22	22	71	71	1	75	28	84(249)
144.4	3.3	70	70	24	24	90	37	50	9(42)	86	6	77	17
		75	1	84	27(110)	22	22	71	71	0	75	27	84(249)
150.9	2.6	70	70	23	23	90	37	50	9(42)	86	6	78	16
		75	0	84	26(110)	22	22	71	71	0	75	27	84(249)

 HA=124.3 HI=108.3 GGW= 48.7 SL= 0.0 MAX(A,B,C,D)= 8.4 7.0 7.8 7.8

Main boom and fixed jib (jib angle 20.0 degrees)
 Length of main boom = 138.1 ft Length of jib = 108.3 ft
 Main boom sequence = 0-0-45-90-90-90 % LK = 54
 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	
72.2	9.0	56	56	40	40	60	52	43	37(16)	62	33	60	37
		62	33	60	37(90)	39	39	57	57	33	62	37	60(270)
78.7	8.6	58	58	37	37	65	49	45	32(26)	66	29	62	34
		64	28	64	36(98)	37	37	59	59	28	64	36	64(261)
85.3	8.2	61	61	35	35	70	47	46	28(32)	69	25	65	31
		66	23	67	35(103)	34	34	61	61	23	66	35	68(256)
91.9	7.7	62	62	33	33	75	45	47	24(36)	73	22	67	29
		67	19	71	34(107)	32	32	63	63	18	67	34	71(252)
98.4	7.5	65	65	30	30	79	42	49	20(39)	77	18	71	26
		69	13	75	33(110)	30	30	65	65	13	68	33	75(249)
105.0	7.1	67	67	28	28	82	42	48	17(38)	80	15	73	23
		71	10	78	32(111)	28	28	67	67	9	70	32	78(248)
111.5	6.8	69	69	26	26	87	40	49	13(40)	83	11	76	20
		75	6	81	28(108)	25	25	69	69	6	74	29	81(251)
118.1	6.0	69	69	25	25	88	39	50	12(41)	84	9	76	19
		75	4	82	28(109)	24	24	70	70	4	75	28	82(250)

124.7	5.1	69	69	25	25	89	39	49	11(41)	85	8	77	18
		75	3	83	27(109)	24	24	70	70	2	75	28	83(250)
131.2	4.0	69	69	24	24	88	38	49	11(41)	84	8	76	18
		75	3	82	27(109)	23	23	70	70	2	74	28	82(250)
137.8	3.3	69	69	24	24	90	38	49	10(41)	85	7	77	17
		76	1	83	26(109)	23	23	71	71	1	75	27	83(250)
144.4	2.4	69	69	24	24	89	38	49	10(41)	85	7	77	17
		75	1	83	26(109)	22	22	70	70	1	75	27	83(250)

 HA=138.1 HI=108.3 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 = 152.2 ft Length of jib = 108.3 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)				4(...)								
	A	B	C	D	A	B	C	D	A	B	C	D	
78.7	8.4	59	59	37	37	67	49	45	31(28)	67	28	63	34
		65	26	65	36(100)	36	36	60	60	26	64	36	65(259)
85.3	7.9	61	61	34	34	72	46	46	27(33)	71	24	66	30
		66	21	69	35(105)	34	34	62	62	21	66	35	69(254)
91.9	7.7	63	63	32	32	77	43	48	22(38)	75	20	69	27
		68	16	73	33(108)	31	31	64	64	16	68	34	73(251)
98.4	7.3	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)
105.0	7.1	68	68	27	27	85	41	49	15(40)	82	12	75	21
		74	8	80	29(108)	26	26	69	69	7	73	30	80(251)
111.5	6.0	68	68	26	26	86	40	49	14(40)	82	11	75	21
		74	6	80	28(108)	26	26	69	69	6	74	29	80(251)
118.1	4.9	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)
124.7	4.0	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)
131.2	3.1	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)
137.8	2.2	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)

 HA=152.2 HI=108.3 GGW= 48.7 SL= 0.0 MAX(A,B,C,D)= 8.1 6.8 7.6 7.6

Main boom and fixed jib (jib angle 20.0 degrees)
 Length of main boom = 166.0 ft Length of jib = 108.3 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)				4(...)								
	A	B	C	D	A	B	C	D	A	B	C	D	
78.7	8.2	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)

85.3	7.9	62	62	33	33	75	45	47	24(36)	73	22	67	29
		67	19	71	34(107)	32	32	63	63	19	67	34	71(252)
91.9	7.5	65	65	31	31	79	42	49	21(39)	77	18	70	26
		69	14	75	33(109)	30	30	65	65	14	69	33	75(250)
98.4	7.3	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)
105.0	6.0	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)
111.5	4.9	67	67	27	27	85	40	49	14(40)	81	11	74	21
		73	7	79	29(108)	26	26	68	68	7	73	29	79(251)
118.1	3.7	67	67	26	26	85	39	49	14(40)	82	11	74	20
		73	6	79	28(108)	25	25	68	68	6	73	29	80(251)
124.7	2.6	67	67	26	26	85	39	48	13(40)	81	11	74	20
		73	6	79	28(108)	25	25	68	68	6	73	28	79(251)

 HA=166.0 HI=108.3 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 20.0 degrees)
 Length of main boom = 180.1 ft Length of jib = 108.3 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		
85.3	7.7	63	63	32	32	76	44	48	23(37)	74	21	69	28
		68	17	73	34(108)	31	31	64	64	17	67	34	73(251)
91.9	7.3	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)
98.4	6.2	66	66	28	28	82	42	48	17(38)	79	14	73	23
		70	9	78	32(111)	28	28	67	67	9	70	32	78(248)
105.0	4.9	66	66	28	28	83	41	48	16(39)	80	13	73	22
		72	9	77	29(107)	27	27	67	67	9	72	30	78(252)
111.5	3.5	66	66	27	27	82	41	48	16(39)	79	13	73	22
		72	9	77	29(107)	26	26	67	67	8	72	29	77(252)
118.1	2.4	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)

 HA=180.1 HI=108.3 GGW= 48.7 SL= 0.0 MAX(A,B,C,D)= 7.7 6.7 7.2 7.3

HA=180.1 HI=108.3 GGW= 48.7 SL= 0.0 MAX(A,B,C,D)= 0.0 0.0 0.0 0.0

HA=180.1 HI=108.3 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 KS

```
-----
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    = 108.3 ft
Main boom sequence = 0-0-0-0-0-0 %      LK = 1
Counterweight      = 48.7 kip
-----
```

Radius Cap. [ft]	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	10.4	47	47	50	50	46	49	48	50	50(59)	46	50	47	50	
		47	50	47	49(127)	49	49	48	48		50	47	49	47(232)	
65.6	9.5	48	48	48	48	49	47	49	47	50(59)	49	47	49	48	
		48	47	49	48(127)	47	47	49	49		47	48	48	49(232)	
72.2	8.8	50	50	46	46	52	45	50	44	50(59)	52	43	51	45	
		49	43	52	47(128)	45	45	51	51		43	49	47	52(232)	
78.7	8.2	51	51	44	44	55	43	50	41	50(59)	54	40	53	43	
		50	39	55	47(128)	43	43	52	52		39	50	47	55(232)	
85.3	7.7	53	53	42	42	59	42	52	38	50(59)	57	37	56	40	
		57	37	56	40(90)	41	41	54	54		37	57	40	56(270)	
91.9	7.1	54	54	40	40	56	53	42	39	30(7)	60	34	58	38	
		60	34	58	38(90)	39	39	55	55		34	60	38	58(270)	
98.4	6.6	56	56	39	39	61	50	43	35	10(19)	62	31	60	36	
		62	31	60	36(92)	38	38	57	57		31	62	37	60(267)	
105.0	6.2	58	58	37	37	64	49	44	32	20(26)	65	28	62	34	
		63	27	63	35(98)	36	36	58	58		27	63	36	63(261)	
111.5	6.0	60	60	35	35	69	46	45	28	30(32)	68	25	64	31	
		65	23	67	34(103)	34	34	60	60		22	65	35	67(256)	
118.1	5.5	61	61	33	33	72	45	46	25	30(35)	71	22	66	29	
		66	19	69	34(106)	32	32	62	62		19	65	34	69(253)	

```
-----
HA= 40.7 HI=108.3 GGW= 48.7 SL= 0.0 MAX(A,B,C,D)= 6.7 6.1 6.4 6.5
-----
```

```
-----
Main boom and fixed jib (jib angle 40.0 degrees)
Length of main boom = 54.5 ft           Length of jib    = 108.3 ft
Main boom sequence = 0-0-0-0-0-45 %      LK = 7
Counterweight      = 48.7 kip
-----
```

Radius Cap. [ft]	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	10.4	47	47	50	50	46	49	48	50	50(59)	46	50	47	50	
		47	50	47	49(127)	49	49	48	48		50	47	49	47(232)	

65.6	9.7	49	49	47	47	50	47	49	47(59)	49	46	50	47
		49	46	50	48(127)	47	47	49	49	46	49	48	50(232)
72.2	9.0	50	50	45	45	53	45	50	44(59)	52	43	52	45
		50	42	53	47(128)	45	45	51	51	42	50	47	53(232)
78.7	8.4	52	52	44	44	56	43	51	41(59)	55	40	54	42
		50	39	56	46(128)	43	43	53	53	39	50	46	56(232)
85.3	7.9	54	54	42	42	60	41	52	38(59)	58	36	56	40
		58	36	56	40(90)	41	41	54	54	36	58	40	56(270)
91.9	7.5	55	55	40	40	58	52	42	37(13)	61	33	58	37
		61	33	58	37(90)	39	39	56	56	33	61	37	58(270)
98.4	7.1	57	57	38	38	63	50	44	34(23)	64	30	61	35
		63	30	62	36(95)	37	37	58	58	29	63	36	62(264)
105.0	6.6	58	58	36	36	66	48	45	30(28)	66	27	63	33
		64	26	64	35(100)	35	35	59	59	26	64	35	65(259)
111.5	6.2	60	60	34	34	70	46	45	28(32)	69	24	65	31
		65	22	67	34(103)	34	34	61	61	22	65	34	67(256)
118.1	6.0	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)
124.7	5.5	63	63	31	31	77	42	48	21(38)	75	19	69	26
		67	15	73	33(109)	30	30	64	64	15	67	33	73(250)
131.2	5.3	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	77(248)

HA= 54.5 HI=108.3 GGW= 48.7 SL= 0.0 MAX(A,B,C,D)= 7.5 6.3 7.1 7.1

Main boom and fixed jib (jib angle 40.0 degrees)

Length of main boom = 68.6 ft Length of jib = 108.3 ft

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

Counterweight = 48.7 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							
65.6	9.5	49	49	48	48	49	47	49	47(59)	49	46	49	47
		48	46	50	48(127)	47	47	49	49	46	48	48	50(232)
72.2	9.0	50	50	45	45	53	45	50	44(59)	52	43	52	45
		50	42	53	47(128)	45	45	51	51	42	50	47	53(232)
78.7	8.4	52	52	44	44	56	43	51	41(59)	55	40	54	42
		51	39	56	46(128)	43	43	53	53	39	51	46	56(232)
85.3	7.9	54	54	42	42	60	41	52	38(59)	58	36	56	40
		58	36	56	40(90)	41	41	55	55	36	58	40	56(270)
91.9	7.3	55	55	40	40	57	52	42	38(11)	60	34	58	38
		60	34	58	38(90)	39	39	56	56	34	60	38	58(270)
98.4	6.8	57	57	38	38	62	50	43	34(21)	63	31	60	35
		63	30	61	36(93)	37	37	58	58	30	62	36	61(266)
105.0	6.2	58	58	37	37	64	49	44	32(26)	65	29	62	34
		63	27	63	35(98)	36	36	58	58	27	63	36	63(261)
111.5	5.7	59	59	35	35	67	47	45	29(30)	67	26	63	32
		65	24	65	34(101)	34	34	60	60	24	64	35	65(258)
118.1	5.3	60	60	34	34	71	45	46	26(33)	69	24	65	30
		65	21	68	34(104)	33	33	61	61	21	65	34	68(255)
124.7	4.9	61	61	32	32	73	44	47	24(36)	72	21	67	28
		66	18	70	33(106)	31	31	62	62	18	66	34	70(253)

131.2 4.6 63 63 31 31 77 42 47 21(38) 75 18 69 26
 67 14 73 32(109) 30 30 64 64 14 67 33 73(250)
 137.8 4.2 64 64 29 29 79 42 47 19(37) 76 16 70 24
 68 12 75 32(110) 28 28 65 65 11 68 32 75(249)

 HA= 68.6 HI=108.3 GGW= 48.7 SL= 0.0 MAX(A,B,C,D)= 7.3 6.3 7.0 7.0

Main boom and fixed jib (jib angle 40.0 degrees)
 Length of main boom = 82.3 ft Length of jib = 108.3 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)				
		A	B	C	D	A	B	C	D	A	B	C	D	
72.2	9.0	51	51	45	45	54	45	50	43(59)	53	42	52	44	
		50	41	54	47(128)	44	44	52	52	41	50	47	54(232)	
78.7	8.4	52	52	43	43	57	43	51	40(59)	56	39	54	42	
		51	38	56	46(128)	42	42	53	53	38	51	46	56(232)	
85.3	7.9	54	54	41	41	54	54	41	41(0)	59	36	57	39	
		59	36	57	39(90)	40	40	55	55	36	59	39	57(270)	
91.9	7.5	56	56	39	39	60	51	43	36(17)	62	32	59	37	
		62	32	59	37(90)	38	38	57	57	32	62	37	59(270)	
98.4	7.1	58	58	37	37	64	49	44	33(25)	65	29	61	34	
		63	28	63	36(97)	37	37	58	58	28	63	36	63(262)	
105.0	6.6	59	59	36	36	68	47	45	30(30)	67	26	63	32	
		65	24	65	35(101)	35	35	60	60	24	64	35	65(258)	
111.5	6.2	60	60	34	34	71	46	46	27(33)	70	24	65	30	
		66	21	68	34(104)	33	33	62	62	21	65	34	68(255)	
118.1	5.7	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)	
124.7	5.3	63	63	31	31	77	42	47	21(38)	74	19	69	26	
		68	15	73	32(108)	30	30	64	64	15	67	33	73(251)	
131.2	4.9	64	64	30	30	79	43	47	19(37)	76	16	70	24	
		69	12	75	32(110)	28	28	65	65	12	68	32	75(249)	
137.8	4.6	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)	
144.4	4.2	67	67	26	26	84	40	49	14(40)	81	11	74	21	
		73	7	79	28(108)	25	25	68	68	6	73	29	79(251)	
150.9	4.0	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)	

 HA= 82.3 HI=108.3 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 = 96.5 ft Length of jib = 108.3 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)				
		A	B	C	D	A	B	C	D	A	B	C	D	

72.2	8.8	51	51	45	45	54	45	50	43(59)	53	42	52	44
		50	41	54	47(128)	44	44	52	52	41	50	47	54(232)
78.7	8.4	53	53	43	43	58	43	51	40(59)	56	38	55	41
		51	37	57	46(128)	42	42	54	54	37	51	46	57(232)
85.3	7.9	55	55	41	41	56	54	42	40(5)	60	35	58	39
		60	35	58	39(90)	40	40	55	55	35	60	39	58(270)
91.9	7.5	56	56	39	39	61	51	43	35(19)	63	32	60	36
		62	32	60	36(91)	38	38	57	57	32	62	37	60(268)
98.4	7.1	58	58	37	37	65	49	44	32(26)	65	29	62	34
		64	27	63	35(98)	36	36	59	59	27	63	36	63(261)
105.0	6.6	60	60	35	35	69	47	45	29(31)	68	26	64	32
		65	24	66	35(102)	34	34	60	60	23	65	35	66(257)
111.5	6.2	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)
118.1	6.0	63	63	32	32	76	43	47	22(37)	74	19	68	27
		68	16	72	33(108)	30	30	64	64	16	67	33	73(251)
124.7	5.5	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)
131.2	5.3	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)
137.8	4.9	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)
144.4	4.6	69	69	25	25	88	39	49	11(41)	84	9	76	19
		75	3	82	27(109)	24	24	70	70	3	74	28	82(250)
150.9	4.2	70	70	24	24	90	37	50	9(42)	86	6	78	17
		75	1	84	27(110)	22	22	71	71	1	75	28	84(249)
157.5	3.3	69	69	24	24	90	38	49	10(41)	85	7	77	17
		75	1	83	26(109)	22	22	71	71	1	75	27	83(250)
164.0	2.6	69	69	23	23	90	37	50	9(42)	86	6	77	17
		75	0	84	26(110)	22	22	71	71	0	74	27	84(249)

 HA= 96.5 HI=108.3 GGW= 48.7 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 = 108.3 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)		6(...)						
	A	B	C	D	A	B	C	D					
78.7	8.4	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)
85.3	7.9	55	55	40	40	58	53	42	38(11)	61	34	58	38
		61	34	58	38(90)	39	39	56	56	34	61	38	58(270)
91.9	7.5	57	57	38	38	63	50	44	34(22)	64	30	61	35
		63	30	62	36(95)	37	37	58	58	30	63	36	62(264)
98.4	7.3	59	59	36	36	68	47	45	30(30)	67	27	63	32
		65	25	65	35(101)	35	35	60	60	25	65	35	66(258)
105.0	6.8	61	61	34	34	72	45	46	26(34)	70	24	66	30
		66	21	69	34(105)	33	33	62	62	21	66	35	69(254)
111.5	6.4	62	62	32	32	75	43	47	23(37)	73	21	68	28
		67	17	71	33(107)	31	31	63	63	17	67	34	72(252)

118.1	6.0	64	64	30	30	78	42	48	21(39)	76	18	70	26
		69	14	74	32(109)	30	30	65	65	14	68	33	74(250)
124.7	5.7	66	66	28	28	82	42	48	17(38)	79	14	72	23
		70	10	77	32(111)	28	28	67	67	9	69	32	78(248)
131.2	5.5	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)
137.8	5.1	69	69	25	25	88	39	49	12(41)	84	9	76	19
		75	3	82	28(109)	24	24	70	70	3	74	28	82(250)
144.4	4.6	70	70	24	24	91	37	50	9(42)	86	6	78	17
		76	1	84	27(110)	22	22	71	71	0	75	28	84(249)
150.9	3.7	70	70	23	23	90	37	50	9(42)	86	6	78	17
		75	0	84	27(110)	22	22	71	71	0	75	27	84(249)
157.5	2.9	69	69	23	23	90	37	50	9(42)	85	6	77	17
		75	1	83	27(110)	22	22	71	71	0	74	27	84(249)
164.0	2.2	69	69	23	23	90	37	50	9(42)	86	6	77	16
		75	0	84	26(110)	22	22	71	71	0	74	27	84(249)

 HA=110.2 HI=108.3 GGW= 48.7 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 = 124.3 ft Length of jib = 108.3 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	A B C D	A B C D							
85.3	7.9	56	56	39	39	59	52	43	37(15)	62	33	59	37
		62	33	59	37(90)	39	39	57	57	33	62	37	59(270)
91.9	7.5	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)
98.4	7.1	60	60	35	35	69	47	45	29(31)	68	26	64	32
		65	24	66	35(102)	35	35	60	60	24	65	35	66(257)
105.0	6.8	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)
111.5	6.6	64	64	31	31	78	43	48	21(38)	75	19	69	26
		68	15	74	33(109)	30	30	65	65	14	68	33	74(250)
118.1	6.2	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)
124.7	6.0	67	67	27	27	85	40	49	15(40)	82	12	74	21
		73	7	79	29(108)	26	26	68	68	7	73	29	79(251)
131.2	5.5	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)
137.8	5.1	70	70	24	24	91	37	50	10(42)	86	7	78	17
		76	1	84	27(110)	23	23	71	71	1	75	28	84(249)
144.4	4.2	70	70	24	24	91	37	50	9(42)	86	6	78	17
		76	1	84	27(110)	22	22	71	71	0	75	27	84(249)
150.9	3.3	70	70	23	23	90	37	50	9(42)	86	6	77	17
		75	0	84	27(110)	22	22	71	71	0	75	27	84(249)
157.5	2.6	70	70	23	23	91	37	50	8(42)	86	5	78	16
		75	0	85	26(110)	22	22	71	71	0	74	26	85(249)

 HA=124.3 HI=108.3 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 40.0 degrees)
 Length of main boom = 138.1 ft Length of jib = 108.3 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								
85.3	7.7	56	56	39	39	61	51	43	36	(18)	63	32	60	36					
		62	32	60	37	(91)	38	38	57	57	32	62	37	60	(268)				
91.9	7.5	59	59	36	36	67	48	45	31	(28)	67	28	63	33					
		64	26	65	35	(100)	36	36	60	60	26	64	36	65	(259)				
98.4	7.1	61	61	34	34	71	46	46	27	(33)	70	24	65	31					
		66	22	68	34	(104)	34	34	62	62	22	65	35	68	(255)				
105.0	6.8	63	63	32	32	76	44	47	23	(37)	74	20	68	28					
		67	17	72	34	(108)	31	31	64	64	17	67	34	72	(251)				
111.5	6.6	65	65	30	30	80	43	47	19	(37)	77	16	71	24					
		69	12	76	32	(110)	29	29	66	66	12	69	33	76	(249)				
118.1	6.2	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)				
124.7	6.0	69	69	26	26	88	39	50	12	(41)	84	10	76	19					
		75	4	82	28	(109)	25	25	70	70	4	74	29	82	(250)				
131.2	5.1	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)				
137.8	4.2	69	69	24	24	89	38	49	11	(41)	85	7	77	18					
		75	2	83	27	(109)	23	23	70	70	2	75	28	83	(250)				
144.4	3.3	69	69	24	24	89	38	49	10	(41)	85	7	77	17					
		75	2	83	27	(109)	23	23	70	70	2	75	27	83	(250)				
150.9	2.6	69	69	23	23	90	37	50	9	(42)	86	6	77	17					
		75	0	84	26	(110)	22	22	71	71	0	75	27	84	(249)				

 HA=138.1 HI=108.3 GGW= 48.7 SL= 0.0 MAX(A,B,C,D)= 8.4 6.9 7.8 7.8

Main boom and fixed jib (jib angle 40.0 degrees)
 Length of main boom = 152.2 ft Length of jib = 108.3 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								
91.9	7.3	59	59	36	36	68	47	45	30	(30)	67	27	63	33					
		65	25	65	35	(101)	35	35	60	60	25	64	35	66	(258)				
98.4	7.1	62	62	34	34	73	45	47	25	(35)	71	23	67	29					
		67	20	70	34	(106)	33	33	62	62	19	66	34	70	(253)				
105.0	6.8	64	64	31	31	78	43	48	21	(38)	75	19	70	26					
		68	15	74	33	(109)	30	30	65	65	15	68	33	74	(250)				
111.5	6.4	66	66	29	29	81	42	48	18	(38)	79	15	72	24					
		70	11	77	32	(111)	28	28	67	67	10	69	32	77	(248)				
118.1	6.2	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)				

124.7	5.3	69	69	26	26	87	39	49	13(41)	83	10	76	19
	74	5	81	28(109)	25	25	69	69	4	74	29	81(250)	
131.2	4.2	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)	
137.8	3.3	68	68	25	25	87	38	49	11(41)	84	9	76	19
	74	3	81	27(109)	24	24	69	69	3	74	28	82(250)	
144.4	2.4	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)	

 HA=152.2 HI=108.3 GGW= 48.7 SL= 0.0 MAX(A,B,C,D)= 8.1 6.8 7.6 7.6

Main boom and fixed jib (jib angle 40.0 degrees)
 Length of main boom = 166.0 ft Length of jib = 108.3 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(...)								
	4(...)				5(180)				6(...)				
	A	B	C	D	A	B	C	D	A	B	C	D	
91.9	7.3	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	68(256)
98.4	6.8	62	62	32	32	75	44	47	24(36)	73	21	68	28
		67	18	71	34(107)	32	32	63	63	18	67	34	71(252)
105.0	6.6	65	65	30	30	79	43	47	20(37)	77	17	71	25
		69	13	76	32(110)	29	29	66	66	13	69	33	76(249)
111.5	6.4	67	67	27	27	84	41	49	16(39)	81	13	74	22
		74	8	79	29(107)	26	26	68	68	8	73	29	79(252)
118.1	5.1	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)
124.7	4.2	67	67	26	26	85	40	49	14(40)	82	11	75	20
		74	6	80	28(108)	25	25	69	69	6	73	29	80(251)
131.2	3.1	67	67	26	26	85	39	48	13(40)	82	10	74	20
		73	6	79	28(108)	25	25	68	68	5	73	28	80(251)
137.8	2.2	67	67	25	25	85	39	48	13(40)	82	9	75	19
		73	5	80	27(108)	24	24	68	68	5	73	28	80(251)

 HA=166.0 HI=108.3 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 = 180.1 ft Length of jib = 108.3 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(...)								
	4(...)				5(180)				6(...)				
	A	B	C	D	A	B	C	D	A	B	C	D	
98.4	6.8	63	63	31	31	77	43	48	22(38)	75	19	69	27
		68	15	73	33(108)	30	30	64	64	15	68	33	73(251)
105.0	6.6	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)
111.5	5.3	66	66	28	28	82	41	48	17(39)	79	14	73	23
		72	9	77	29(107)	27	27	67	67	9	72	30	77(252)

118.1 4.2 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)
 124.7 3.1 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=180.1 HI=108.3 GGW= 48.7 SL= 0.0 MAX(A,B,C,D)= 7.7 6.7 7.2 7.3

HA=180.1 HI=108.3 GGW= 48.7 SL= 0.0 MAX(A,B,C,D)= 0.0 0.0 0.0 0.0

HA=180.1 HI=108.3 GGW= 48.7 SL= 0.0 MAX(A,B,C,D)= 0.0 0.0 0.0 0.0

Program 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/22137912_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 KS

 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 = 108.3 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)		6(...)					
		A	B	C	D	A	B	C	D				
23.0	20.5	45	45	52	52	41	52	47	55(59)	42	54	44	54
		46	55	43	50(128)	52	52	45	45	55	46	50	43(232)
26.2	19.4	46	46	51	51	43	50	47	52(59)	44	52	46	52
		46	52	45	50(128)	50	50	46	46	52	46	50	45(232)
29.5	18.3	47	47	49	49	46	49	48	50(59)	46	49	47	50
		47	50	47	49(127)	49	49	47	47	50	47	49	47(232)
32.8	17.4	48	48	48	48	48	47	48	48(59)	48	47	49	48
		48	47	49	48(127)	47	47	49	49	47	48	48	49(232)
39.4	15.7	49	49	45	45	52	45	49	44(59)	51	43	51	45
		49	42	52	47(128)	45	45	50	50	42	49	47	52(232)
45.9	14.1	51	51	43	43	55	42	50	40(59)	54	39	53	42
		50	38	55	46(128)	42	42	52	52	38	50	46	55(232)
52.5	12.6	52	52	41	41	58	41	50	37(59)	56	36	55	39
		56	36	55	39(90)	40	40	53	53	36	56	39	55(270)

59.1	11.2	53	53	39	39	54	52	41	39(6)	58	33	56	37
		58	33	56	37(90)	38	38	54	54	33	58	37	56(270)
65.6	10.4	54	54	38	38	59	49	42	34(18)	61	30	58	35
		60	30	58	35(91)	36	36	56	56	30	60	35	59(268)
72.2	9.5	56	56	36	36	62	47	43	31(25)	63	28	60	33
		61	26	61	34(97)	35	35	57	57	26	61	35	61(262)
78.7	8.6	57	57	35	35	65	46	43	29(29)	65	25	61	31
		62	23	63	34(100)	33	33	58	58	23	62	34	63(259)
85.3	7.9	58	58	33	33	67	44	44	26(32)	67	23	63	29
		63	20	65	33(103)	32	32	59	59	20	63	33	65(256)
91.9	7.3	59	59	32	32	70	43	44	24(34)	68	21	64	28
		64	18	67	32(105)	30	30	60	60	18	63	32	67(254)
98.4	6.8	60	60	30	30	73	41	45	21(37)	71	18	66	26
		65	15	70	31(107)	29	29	62	62	15	65	32	70(252)
105.0	6.2	61	61	29	29	74	42	44	20(35)	72	16	67	24
		65	13	71	31(108)	28	28	62	62	13	65	31	71(251)
111.5	5.7	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)
118.1	5.5	63	63	26	26	79	39	46	15(38)	76	12	70	21
		70	7	75	27(106)	25	25	65	65	7	69	28	75(253)
124.7	5.3	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	77(251)
131.2	4.9	65	65	24	24	84	37	47	11(40)	80	7	73	18
		71	3	78	26(108)	22	22	67	67	3	71	26	78(251)

 HA= 40.7 HI=108.3 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 0.0 degrees)
 Length of main boom = 54.5 ft Length of jib = 108.3 ft
 Main boom sequence = 0-0-0-0-0-45 % LK = 7
 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	
26.2	18.7	45	45	51	51	43	50	47	52(59)	44	52	45	52
		46	52	45	49(128)	50	50	46	46	52	46	49	45(232)
29.5	18.1	47	47	49	49	46	49	48	50(59)	46	49	47	50
		47	50	47	49(127)	49	49	47	47	50	47	49	47(232)
32.8	17.2	48	48	48	48	48	47	48	48(59)	48	47	49	48
		48	47	49	48(127)	47	47	48	48	47	48	48	49(232)
39.4	15.4	49	49	45	45	52	45	49	44(59)	51	43	51	45
		49	42	52	47(128)	44	44	50	50	42	49	47	52(232)
45.9	14.1	51	51	43	43	55	42	50	40(59)	54	39	53	42
		50	38	55	46(128)	42	42	52	52	38	50	46	55(232)
52.5	13.0	53	53	41	41	59	40	51	37(59)	57	35	56	39
		57	35	56	39(90)	39	39	54	54	35	57	39	56(270)
59.1	11.7	54	54	39	39	56	51	41	37(12)	59	32	57	37
		59	32	57	37(90)	38	38	55	55	32	59	37	57(270)
65.6	10.8	55	55	37	37	61	49	42	33(22)	62	29	59	34
		61	28	60	35(94)	36	36	57	57	28	61	35	60(265)
72.2	9.9	57	57	35	35	64	46	43	30(28)	64	26	61	32
		62	25	63	34(99)	34	34	58	58	24	62	34	63(260)

78.7	9.3	58	58	34	34	68	45	44	27(32)	67	23	63	30
		63	21	65	33(103)	32	32	59	59	21	63	34	66(256)
85.3	8.4	59	59	32	32	70	43	45	24(34)	69	21	64	28
		64	18	67	32(105)	31	31	60	60	18	64	33	67(254)
91.9	7.7	60	60	31	31	72	42	45	22(36)	71	19	66	26
		65	15	69	32(107)	29	29	62	62	15	64	32	69(252)
98.4	7.3	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)
105.0	6.8	63	63	28	28	77	41	45	17(37)	75	14	69	22
		69	10	73	28(105)	26	26	64	64	10	69	28	73(254)
111.5	6.4	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)
118.1	6.0	65	65	25	25	82	38	47	13(40)	79	9	72	19
		71	5	77	27(108)	23	23	66	66	4	70	27	77(251)
124.7	5.5	66	66	24	24	84	37	47	11(40)	80	7	73	18
		72	2	79	26(108)	22	22	67	67	2	71	26	79(251)
131.2	5.1	67	67	23	23	86	36	47	9(41)	82	6	75	17
		73	0	80	25(109)	21	21	68	68	0	72	26	80(250)
137.8	4.4	67	67	22	22	86	36	47	9(41)	82	5	75	16
		72	0	81	25(109)	21	21	68	68	0	72	25	81(250)
144.4	3.7	66	66	22	22	86	35	47	9(41)	82	5	75	16
		72	0	81	24(109)	21	21	68	68	0	71	25	81(250)

 HA= 54.5 HI=108.3 GGW= 39.7 SL= 0.0 MAX(A,B,C,D)= 8.0 6.7 7.5 7.6

Main boom and fixed jib (jib angle 0.0 degrees)

Length of main boom = 68.6 ft Length of jib = 108.3 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(...)					
		4(...)		5(180)		6(...)							
		A	B	C	D	A	B	C	D				
29.5	17.0	46	46	50	50	44	49	47	50(59)	45	50	46	50
		46	50	46	49(128)	49	49	47	47	50	46	49	46(232)
32.8	16.3	47	47	48	48	47	47	48	48(59)	47	47	48	48
		47	47	48	48(127)	47	47	48	48	47	47	48	48(232)
39.4	15.0	49	49	45	45	51	45	49	44(59)	50	43	50	45
		48	42	51	47(128)	45	45	50	50	42	48	47	51(232)
45.9	13.9	51	51	43	43	55	42	50	40(59)	54	39	53	42
		50	37	55	46(128)	42	42	52	52	37	50	46	55(232)
52.5	12.8	53	53	41	41	59	40	51	37(59)	57	35	56	39
		57	35	56	39(90)	39	39	54	54	35	57	39	56(270)
59.1	11.7	54	54	39	39	57	50	41	36(14)	60	32	58	36
		60	32	58	36(90)	37	37	55	55	32	60	36	58(270)
65.6	10.8	56	56	37	37	62	48	43	32(23)	62	29	60	34
		62	28	60	35(95)	35	35	57	57	28	61	35	61(264)
72.2	9.7	56	56	35	35	64	47	43	30(27)	64	26	61	32
		62	25	63	34(99)	34	34	58	58	24	62	34	63(260)
78.7	9.0	58	58	34	34	67	45	44	27(32)	67	23	63	30
		63	21	65	33(103)	32	32	59	59	21	63	34	65(256)
85.3	8.2	59	59	32	32	70	43	45	24(34)	68	21	64	28
		64	18	67	32(105)	31	31	60	60	18	64	33	67(254)

91.9	7.5	60	60	31	31	72	42	45	22(36)	70	19	66	26
		65	15	69	32(107)	29	29	61	61	15	64	32	69(252)
98.4	6.8	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)
105.0	6.2	62	62	28	28	75	41	45	19(36)	73	15	68	24
		66	11	73	30(109)	27	27	63	63	11	66	31	73(250)
111.5	5.7	63	63	27	27	78	39	46	16(38)	75	13	69	22
		69	9	74	28(106)	26	26	64	64	9	69	28	74(253)
118.1	5.3	64	64	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)
124.7	4.9	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	77(251)
131.2	4.4	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)
137.8	4.0	66	66	23	23	85	36	47	9(41)	81	6	74	17
		72	1	80	25(109)	21	21	68	68	1	71	26	80(250)
144.4	3.5	66	66	22	22	86	35	47	8(41)	82	5	75	16
		72	0	81	24(109)	21	21	68	68	0	71	24	82(250)
150.9	2.9	66	66	22	22	86	35	47	8(41)	82	5	74	16
		71	0	81	24(109)	20	20	68	68	0	71	24	81(250)
157.5	2.4	66	66	22	22	86	35	47	8(41)	82	4	75	15
		71	0	82	23(109)	20	20	68	68	0	70	23	82(250)

HA= 68.6 HI=108.3 GGW= 39.7 SL= 0.0 MAX(A,B,C,D)= 8.0 6.6 7.6 7.7

Main boom and fixed jib (jib angle 0.0 degrees)

Length of main boom = 70.2 ft Length of jib = 108.3 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)		6(...)					
		4(...)		5(180)		6(...)							
		A	B	C	D	A	B	C	D				
29.5	16.8	46	46	50	50	44	49	47	50(59)	45	50	46	50
		46	50	45	49(128)	49	49	47	47	50	46	49	45(232)
32.8	16.1	47	47	48	48	47	47	48	48(59)	47	47	48	48
		47	48	47	48(127)	47	47	48	48	48	47	48	47(232)
39.4	14.8	49	49	45	45	51	45	49	44(59)	50	43	50	45
		48	43	51	47(128)	45	45	50	50	43	48	47	51(232)
45.9	13.4	50	50	43	43	54	42	50	41(59)	53	39	53	42
		49	38	54	46(128)	42	42	52	52	38	49	46	54(232)
52.5	12.1	52	52	41	41	58	40	50	37(59)	56	36	55	39
		56	36	55	39(90)	40	40	53	53	36	56	39	55(270)
59.1	10.8	53	53	39	39	54	52	40	38(6)	58	33	56	37
		58	33	56	37(90)	38	38	54	54	33	58	37	56(270)
65.6	9.5	54	54	38	38	57	50	41	35(15)	60	31	57	35
		60	31	57	35(90)	37	37	55	55	31	60	35	57(270)
72.2	8.4	54	54	37	37	60	48	42	33(21)	61	29	59	34
		61	28	59	34(93)	35	35	56	56	28	60	35	59(266)
78.7	7.7	56	56	35	35	63	46	43	30(27)	63	26	60	32
		62	25	62	34(98)	34	34	57	57	24	61	34	62(261)
85.3	7.1	57	57	34	34	66	45	43	27(30)	65	24	62	30
		62	21	64	33(102)	32	32	58	58	21	62	33	64(257)

91.9	6.4	58	58	32	32	68	43	44	25(33)	67	22	63	28
		63	19	66	32(104)	31	31	59	59	19	63	33	66(255)
98.4	5.7	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)
105.0	5.1	59	59	30	30	71	41	45	22(36)	70	18	65	26
		64	15	69	31(107)	28	28	61	61	15	64	32	69(252)
111.5	4.6	60	60	29	29	73	41	44	20(35)	71	16	66	24
		65	12	71	30(108)	27	27	62	62	12	65	31	71(251)
118.1	4.2	61	61	28	28	75	41	44	18(36)	73	14	68	23
		66	10	72	30(109)	26	26	63	63	10	65	30	72(250)
124.7	4.0	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)
131.2	3.5	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)
137.8	3.1	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)
144.4	2.9	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)
150.9	2.6	65	65	22	22	85	35	47	9(41)	81	6	74	16
		71	0	79	25(109)	21	21	67	67	0	71	26	80(250)
157.5	2.2	66	66	22	22	85	35	47	9(41)	81	5	74	16
		71	0	80	24(109)	20	20	68	68	0	71	24	81(250)

 HA= 70.2 HI=108.3 GGW= 39.7 SL= 0.0 MAX(A,B,C,D)= 7.9 6.6 7.5 7.5

Main boom and fixed jib (jib angle 0.0 degrees)

Length of main boom = 82.3 ft Length of jib = 108.3 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(...)					
		A	B	C	D	A	B	C	D	A	B	C	D
32.8	15.9	47	47	48	48	47	47	48	48	47	47	48	48
		47	47	48	48(127)	47	47	48	48	47	47	48	48(232)
39.4	14.8	49	49	45	45	52	44	49	44(59)	51	43	51	45
		49	42	52	47(128)	44	44	50	50	42	49	47	52(232)
45.9	13.7	51	51	43	43	56	42	50	40(59)	54	38	54	41
		50	37	55	45(128)	41	41	52	52	37	50	45	55(232)
52.5	12.8	53	53	40	40	54	53	40	40(2)	58	34	56	38
		58	34	56	38(90)	39	39	54	54	34	58	38	56(270)
59.1	11.9	55	55	38	38	60	49	42	35(19)	61	31	59	35
		61	30	59	35(91)	37	37	56	56	30	61	36	59(268)
65.6	11.0	57	57	36	36	63	47	43	31(26)	64	27	61	33
		62	26	62	34(98)	35	35	58	58	26	62	35	62(261)
72.2	10.1	58	58	34	34	67	45	44	28(31)	67	24	63	30
		63	22	65	34(102)	33	33	59	59	22	63	34	65(257)
78.7	9.3	59	59	32	32	70	44	45	25(34)	69	22	64	28
		64	19	67	33(105)	31	31	60	60	19	64	33	67(254)
85.3	8.6	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)
91.9	7.9	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)

98.4	7.3	63	63	28	28	77	41	45	18(37)	75	14	69	23
		67	10	74	30(110)	26	26	64	64	10	66	31	74(249)
105.0	6.6	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)
111.5	6.0	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	76(252)
118.1	5.7	66	66	24	24	84	37	47	11(40)	81	7	73	18
		72	3	79	26(108)	22	22	67	67	2	71	26	79(251)
124.7	5.1	66	66	23	23	85	36	47	10(41)	81	6	74	17
		72	1	80	26(109)	22	22	68	68	1	71	26	80(250)
131.2	4.4	67	67	22	22	86	36	47	9(41)	82	5	75	16
		73	0	80	25(109)	21	21	68	68	0	72	26	81(250)
137.8	3.5	66	66	23	23	85	35	47	9(41)	81	6	74	16
		72	0	80	25(109)	21	21	68	68	0	71	26	80(250)
144.4	2.9	66	66	22	22	85	35	47	9(41)	81	5	74	16
		72	0	80	25(109)	21	21	68	68	0	71	25	80(250)
150.9	2.4	66	66	22	22	86	35	47	8(41)	82	4	75	15
		71	0	82	23(109)	20	20	68	68	0	70	24	82(250)

 HA= 82.3 HI=108.3 GGW= 39.7 SL= 0.0 MAX(A,B,C,D)= 8.0 6.7 7.6 7.6

Main boom and fixed jib (jib angle 0.0 degrees)

Length of main boom = 84.0 ft Length of jib = 108.3 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)		6(...)						
	A	B	C	D	A	B	C	D					
32.8	15.7	47	47	48	48	47	47	48	48(59)	47	47	48	48
		47	47	47	48(127)	47	47	48	48	47	47	48	47(232)
39.4	14.6	49	49	45	45	51	45	49	44(59)	50	43	51	45
		48	42	51	47(128)	44	44	50	50	42	48	47	51(232)
45.9	13.4	51	51	43	43	55	42	50	40(59)	54	39	53	41
		50	37	55	45(128)	42	42	52	52	37	50	45	55(232)
52.5	12.3	53	53	40	40	59	40	51	36(59)	57	35	56	39
		57	35	56	39(90)	39	39	54	54	35	57	39	56(270)
59.1	11.2	54	54	38	38	57	50	41	36(14)	60	32	58	36
		60	32	58	36(90)	37	37	55	55	32	60	36	58(270)
65.6	10.1	55	55	37	37	61	48	42	33(22)	62	29	59	34
		61	28	60	35(95)	35	35	57	57	28	61	35	60(264)
72.2	9.0	56	56	35	35	63	47	43	30(27)	64	26	61	32
		62	25	62	34(99)	34	34	58	58	25	62	34	62(260)
78.7	7.9	57	57	34	34	65	45	43	28(30)	65	24	62	31
		62	22	64	33(101)	33	33	58	58	22	62	34	64(258)
85.3	7.5	58	58	32	32	69	43	45	25(34)	68	21	64	28
		63	19	67	32(105)	31	31	60	60	18	63	33	67(254)
91.9	6.8	60	60	31	31	72	42	45	22(36)	70	19	65	26
		64	16	69	32(107)	29	29	61	61	16	64	32	69(252)
98.4	6.2	60	60	30	30	74	41	45	20(37)	71	17	67	25
		65	13	71	31(108)	28	28	62	62	13	65	32	71(251)
105.0	5.7	62	62	28	28	76	40	45	18(37)	74	15	68	23
		66	10	73	31(110)	26	26	63	63	10	65	31	73(249)

111.5	5.1	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)
118.1	4.6	63	63	26	26	79	38	46	15(39)	77	11	70	21
		69	7	75	27(107)	24	24	65	65	7	69	28	75(252)
124.7	4.4	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)
131.2	4.0	65	65	23	23	84	37	47	11(40)	80	7	73	17
		72	2	78	25(108)	22	22	67	67	2	71	26	79(251)
137.8	3.5	66	66	22	22	85	35	47	9(41)	81	6	74	16
		72	0	80	25(109)	21	21	68	68	0	71	26	80(250)
144.4	2.9	66	66	22	22	85	35	47	9(41)	81	5	74	16
		72	0	80	25(109)	21	21	68	68	0	71	25	80(250)
150.9	2.4	66	66	22	22	86	35	47	8(41)	82	4	75	15
		71	0	82	23(109)	20	20	68	68	0	70	23	82(250)

HA= 84.0 HI=108.3 GGW= 39.7 SL= 0.0 MAX(A,B,C,D)= 8.0 6.6 7.6 7.6

Main boom and fixed jib (jib angle 0.0 degrees)

Length of main boom = 96.5 ft Length of jib = 108.3 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)		6(...)					
		4(...)		5(180)		6(...)							
		A	B	C	D	A	B	C	D	A	B	C	D
39.4	14.1	49	49	45	45	51	44	49	44(59)	50	43	50	45
		48	42	51	47(128)	44	44	50	50	42	48	47	51(232)
45.9	13.2	51	51	43	43	56	42	50	39(59)	54	38	54	41
		50	37	55	45(128)	41	41	52	52	37	50	45	55(232)
52.5	12.3	53	53	40	40	54	52	41	39(3)	58	34	56	38
		58	34	56	38(90)	39	39	54	54	34	58	38	56(270)
59.1	11.5	55	55	38	38	59	49	42	34(19)	61	30	59	35
		61	30	59	35(91)	37	37	56	56	30	61	35	59(268)
65.6	10.8	57	57	35	35	64	47	43	30(27)	64	27	61	32
		62	25	63	34(99)	34	34	58	58	25	62	35	63(260)
72.2	10.1	59	59	34	34	68	45	44	26(32)	67	23	63	30
		64	21	66	33(103)	32	32	60	60	21	64	34	66(256)
78.7	9.5	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)
85.3	8.8	62	62	30	30	75	41	46	20(38)	73	17	67	25
		66	13	72	31(108)	28	28	63	63	13	66	32	72(251)
91.9	8.2	63	63	28	28	77	41	46	18(37)	75	15	69	23
		67	10	74	31(110)	27	27	64	64	10	67	31	74(249)
98.4	7.7	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)
105.0	7.1	65	65	25	25	83	38	47	13(40)	80	9	73	19
		71	5	78	27(108)	24	24	67	67	5	71	28	78(251)
111.5	6.4	66	66	24	24	85	37	47	11(40)	81	7	74	18
		73	3	79	26(108)	22	22	68	68	2	72	26	79(251)
118.1	5.5	66	66	23	23	85	36	48	10(41)	81	7	74	17
		72	2	80	26(109)	22	22	68	68	1	71	26	80(250)
124.7	4.9	67	67	22	22	86	36	47	9(41)	82	5	75	16
		73	0	81	25(109)	21	21	68	68	0	72	26	81(250)

131.2 4.0 66 66 22 22 86 36 47 9(41) 82 5 75 16
 72 0 80 25(109) 21 21 68 68 0 71 25 81(250)
 137.8 3.1 66 66 22 22 85 35 47 9(41) 81 5 74 16
 72 0 80 25(109) 21 21 68 68 0 71 26 80(250)
 144.4 2.4 66 66 22 22 85 35 47 9(41) 81 5 74 16
 71 0 80 24(109) 21 21 68 68 0 71 25 80(250)

 HA= 96.5 HI=108.3 GGW= 39.7 SL= 0.0 MAX(A,B,C,D)= 8.0 6.7 7.5 7.5

Main boom and fixed jib (jib angle 0.0 degrees)

Length of main boom = 100.4 ft Length of jib = 108.3 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)		6(...)						
		A	B	C	D	A	B	C	D		A	B	C	D
39.4	13.7	49	49	45	45	50	45	49	44(59)	50	43	50	45	
		48	42	51	47(128)	44	44	50	50	42	48	47	51(232)	
45.9	12.8	51	51	43	43	55	42	50	40(59)	54	39	53	41	
		49	37	55	45(128)	42	42	52	52	37	49	45	55(232)	
52.5	11.9	53	53	40	40	59	40	51	36(59)	57	35	56	38	
		57	35	56	38(90)	39	39	54	54	35	57	38	56(270)	
59.1	11.0	54	54	38	38	58	50	41	35(16)	60	31	58	36	
		60	31	58	36(90)	37	37	56	56	31	60	36	58(270)	
65.6	10.1	56	56	36	36	62	47	43	31(25)	63	28	60	33	
		62	26	61	35(97)	35	35	57	57	26	62	35	62(262)	
72.2	9.5	58	58	34	34	66	45	44	28(30)	66	24	62	31	
		63	22	65	34(102)	33	33	59	59	22	63	34	65(257)	
78.7	8.6	59	59	32	32	69	44	44	25(33)	68	22	64	29	
		64	19	67	32(104)	31	31	60	60	19	64	33	67(255)	
85.3	7.7	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)	
91.9	7.1	61	61	30	30	74	41	46	20(38)	72	17	67	25	
		65	13	71	31(108)	28	28	62	62	13	65	32	71(251)	
98.4	6.6	62	62	28	28	77	41	45	18(37)	75	14	69	23	
		67	10	73	30(110)	26	26	64	64	10	66	31	74(249)	
105.0	6.2	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)	
111.5	5.5	64	64	25	25	81	38	46	14(39)	78	10	71	20	
		71	6	76	27(107)	24	24	66	66	6	70	27	77(252)	
118.1	5.1	65	65	24	24	84	37	47	11(40)	80	8	73	18	
		72	3	78	26(108)	22	22	67	67	3	71	26	78(251)	
124.7	4.6	66	66	23	23	86	36	47	9(41)	82	6	74	17	
		72	1	80	25(109)	21	21	68	68	0	72	26	80(250)	
131.2	3.7	66	66	23	23	85	36	47	9(41)	81	6	74	16	
		72	0	80	25(109)	21	21	68	68	0	71	26	80(250)	
137.8	3.1	66	66	22	22	86	35	47	9(41)	82	5	74	16	
		72	0	80	25(109)	21	21	68	68	0	71	25	81(250)	
144.4	2.4	66	66	22	22	86	35	47	8(41)	82	5	74	16	
		71	0	81	24(109)	20	20	68	68	0	71	24	81(250)	

 HA=100.4 HI=108.3 GGW= 39.7 SL= 0.0 MAX(A,B,C,D)= 8.0 6.7 7.5 7.5

 Main boom and fixed jib (jib angle 0.0 degrees)
 Length of main boom = 110.2 ft Length of jib = 108.3 ft
 Main boom sequence = 0-0-0-45-90-90 % LK = 36
 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			
39.4	13.7	49	49	45	45	52	44	49	43	(59)	51	42	51	44
		48	41	52	46(128)	44	44	50	50		41	48	46	52(232)
45.9	12.8	51	51	42	42	56	41	50	39	(59)	55	37	54	41
		50	36	56	45(128)	41	41	52	52		36	50	45	56(232)
52.5	12.1	54	54	39	39	55	52	41	38	(8)	59	33	57	37
		59	33	57	37(90)	38	38	55	55		33	59	37	57(270)
59.1	11.5	56	56	37	37	61	49	43	33	(22)	62	29	60	34
		62	28	60	35(95)	36	36	57	57		28	61	35	61(264)
65.6	10.8	58	58	35	35	66	46	44	28	(30)	66	25	62	31
		63	23	64	34(101)	34	34	59	59		23	63	34	65(258)
72.2	10.1	60	60	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)
78.7	9.7	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	72(251)
85.3	9.0	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)
91.9	8.4	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)
98.4	7.9	66	66	25	25	84	38	47	12	(40)	81	9	74	19
		72	4	79	27(108)	23	23	67	67		4	72	27	79(251)
105.0	6.8	66	66	24	24	85	37	47	11	(40)	81	8	74	18
		73	3	79	26(108)	23	23	68	68		3	72	27	79(251)
111.5	6.0	67	67	23	23	86	36	48	10	(41)	82	6	75	17
		73	1	80	26(109)	22	22	68	68		1	72	26	80(250)
118.1	5.1	67	67	23	23	86	36	47	9	(41)	82	6	75	16
		73	0	81	25(109)	21	21	68	68		0	72	26	81(250)
124.7	4.0	66	66	23	23	86	36	47	9	(41)	82	6	74	17
		72	0	80	25(109)	21	21	68	68		0	71	26	80(250)
131.2	3.3	66	66	22	22	86	35	47	8	(41)	82	5	75	16
		72	0	81	24(109)	21	21	68	68		0	71	24	81(250)
137.8	2.4	66	66	22	22	85	35	47	9	(41)	81	5	74	16
		71	0	80	24(109)	21	21	68	68		0	71	25	81(250)

 HA=110.2 HI=108.3 GGW= 39.7 SL= 0.0 MAX(A,B,C,D)= 8.0 6.7 7.5 7.6

Main boom and fixed jib (jib angle 0.0 degrees)
 Length of main boom = 114.5 ft Length of jib = 108.3 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(...)				5(180)				6(...)				
A	B	C	D	A	B	C	D	A	B	C	D			

45.9	12.6	51	51	42	42	56	41	50	39(59)	54	38	54	41
		50	36	55	45(128)	41	41	52	52	36	50	45	55(232)
52.5	11.7	53	53	40	40	54	52	41	39(5)	58	34	56	38
		58	34	56	38(90)	39	39	54	54	34	58	38	56(270)
59.1	11.0	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)
65.6	10.4	57	57	35	35	65	47	43	29(28)	65	26	62	32
		63	24	63	34(100)	34	34	58	58	24	62	34	64(259)
72.2	9.5	59	59	33	33	69	44	45	26(33)	68	23	64	29
		64	20	66	33(104)	32	32	60	60	20	63	34	67(255)
78.7	8.8	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)
85.3	8.2	62	62	29	29	75	41	46	20(38)	73	17	68	25
		66	13	72	31(109)	28	28	63	63	13	66	32	72(250)
91.9	7.5	63	63	28	28	78	41	46	17(37)	75	14	69	23
		67	9	74	30(110)	26	26	64	64	9	67	31	75(249)
98.4	6.8	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)
105.0	6.4	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)
111.5	6.0	67	67	23	23	86	36	48	10(41)	82	6	75	17
		73	1	80	26(109)	22	22	68	68	1	72	26	81(250)
118.1	4.9	66	66	23	23	86	36	47	9(41)	82	6	74	17
		72	1	80	26(109)	21	21	68	68	1	72	26	80(250)
124.7	4.0	66	66	23	23	86	36	47	9(41)	82	6	74	16
		72	0	80	25(109)	21	21	68	68	0	72	26	80(250)
131.2	3.1	66	66	22	22	85	35	47	9(41)	81	5	74	16
		72	0	80	25(109)	21	21	68	68	0	71	25	80(250)
137.8	2.4	66	66	22	22	86	35	47	8(41)	82	5	74	16
		71	0	81	24(109)	20	20	68	68	0	71	24	81(250)

 HA=114.5 HI=108.3 GGW= 39.7 SL= 0.0 MAX(A,B,C,D)= 8.0 6.7 7.5 7.6

Main boom and fixed jib (jib angle 0.0 degrees)

Length of main boom = 124.3 ft Length of jib = 108.3 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				
45.9	12.1	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)
52.5	11.7	54	54	39	39	56	51	41	37(10)	59	33	57	37
		59	33	57	37(90)	38	38	55	55	33	59	37	57(270)
59.1	11.0	56	56	37	37	62	48	43	32(23)	63	28	60	34
		62	28	61	35(96)	35	35	57	57	27	62	35	61(263)
65.6	10.4	58	58	34	34	67	46	44	28(30)	66	25	63	31
		63	22	65	34(102)	33	33	59	59	22	63	34	65(257)
72.2	9.9	60	60	32	32	72	43	45	24(35)	70	21	65	28
		65	17	69	33(106)	31	31	61	61	17	65	33	69(253)
78.7	9.5	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)

85.3	9.0	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)
91.9	8.4	65	65	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	7.3	66	66	25	25	84	38	47	12(40)	80	9	73	19
		72	4	79	27(108)	23	23	67	67	4	72	27	79(251)
105.0	6.2	66	66	24	24	84	37	47	11(40)	81	8	74	18
		72	3	79	26(108)	22	22	68	68	2	72	26	79(251)
111.5	5.1	66	66	24	24	85	36	47	11(41)	81	7	74	17
		72	2	79	26(109)	22	22	67	67	2	71	27	80(250)
118.1	4.0	65	65	23	23	84	37	47	11(40)	80	7	73	17
		72	2	79	25(108)	22	22	67	67	2	71	26	79(251)
124.7	3.3	66	66	23	23	85	36	47	9(41)	81	6	74	16
		72	0	80	25(109)	21	21	68	68	0	71	26	80(250)
131.2	2.4	66	66	22	22	85	35	47	9(41)	81	6	74	16
		71	0	79	25(109)	21	21	67	67	0	71	26	80(250)

 HA=124.3 HI=108.3 GGW= 39.7 SL= 0.0 MAX(A,B,C,D)= 7.9 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 = 108.3 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										
52.5	10.8	53	53	40	40	53	52	40	39(3)	58	34	56	38
		58	34	56	38(90)	38	38	54	54	34	58	38	56(270)
59.1	10.6	55	55	37	37	61	49	42	33(22)	62	29	60	34
		62	28	60	35(94)	36	36	57	57	28	61	35	60(265)
65.6	9.9	57	57	35	35	66	46	44	28(30)	66	25	62	31
		63	23	64	34(101)	33	33	59	59	23	63	34	64(258)
72.2	9.5	60	60	32	32	71	43	45	24(35)	69	21	65	28
		65	18	68	32(105)	31	31	61	61	18	64	33	68(254)
78.7	8.8	61	61	30	30	74	42	46	21(37)	72	18	67	26
		66	14	71	32(108)	29	29	63	63	14	65	32	71(251)
85.3	8.2	63	63	28	28	77	41	46	18(37)	75	15	69	23
		67	10	74	31(110)	27	27	64	64	10	67	31	74(249)
91.9	7.7	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)
98.4	6.8	65	65	25	25	83	38	47	13(40)	80	9	73	19
		71	5	78	27(108)	24	24	67	67	4	71	28	78(251)
105.0	5.7	65	65	24	24	83	37	47	12(40)	80	8	73	19
		72	4	78	26(108)	23	23	67	67	3	71	27	78(251)
111.5	4.6	65	65	24	24	83	37	47	11(40)	80	8	73	18
		71	3	78	26(108)	22	22	67	67	3	71	26	78(251)
118.1	3.7	65	65	24	24	84	37	47	11(40)	80	7	73	17
		72	2	78	26(108)	22	22	67	67	2	71	26	79(251)
124.7	2.9	65	65	23	23	84	36	46	10(40)	80	7	73	17
		71	2	78	25(108)	21	21	67	67	2	71	26	79(251)

 HA=130.9 HI=108.3 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 0.0 degrees)
 Length of main boom = 138.1 ft Length of jib = 108.3 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)					
		4(...)				5(180)				6(...)					
A	B	C	D	A	B	C	D	A	B	C	D				
52.5	11.2	54	54	39	39	57	50	41	36	(14)	60	32	58	36	
		60	32	58	36	(90)	37	37	55	55		32	60	36	58
59.1	10.8	56	56	36	36	63	47	43	31	(26)	64	27	61	33	
		62	26	62	34	(98)	35	35	58	58		26	62	35	62
65.6	10.4	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
72.2	9.7	61	61	31	31	74	42	46	22	(37)	71	19	67	26	
		66	16	70	32	(107)	30	30	62	62		15	65	32	70
78.7	9.3	63	63	29	29	78	41	46	18	(37)	75	15	69	24	
		67	11	74	31	(110)	27	27	64	64		11	67	32	74
85.3	8.8	65	65	26	26	82	39	47	15	(39)	79	11	72	21	
		71	7	77	28	(107)	25	25	66	66		7	71	28	77
91.9	7.3	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
98.4	6.0	65	65	25	25	82	38	47	13	(40)	79	9	72	19	
		71	5	77	27	(108)	24	24	66	66		5	70	28	77
105.0	4.9	65	65	24	24	83	37	47	12	(40)	79	9	72	19	
		71	4	78	26	(108)	23	23	67	67		4	70	27	78
111.5	3.7	65	65	24	24	82	37	47	12	(40)	79	8	72	18	
		71	3	78	26	(108)	22	22	66	66		3	70	27	78
118.1	2.9	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

 HA=138.1 HI=108.3 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 0.0 degrees)
 Length of main boom = 145.0 ft Length of jib = 108.3 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)					
		4(...)				5(180)				6(...)					
A	B	C	D	A	B	C	D	A	B	C	D				
52.5	10.4	53	53	39	39	55	51	41	38	(8)	58	33	56	37	
		58	33	56	37	(90)	38	38	54	54		33	58	37	56
59.1	10.1	56	56	36	36	62	48	43	32	(24)	63	28	60	33	
		62	27	61	35	(96)	35	35	57	57		27	62	35	61
65.6	9.7	58	58	34	34	68	45	44	27	(32)	67	24	63	30	
		63	21	65	34	(103)	32	32	60	60		21	63	34	66
72.2	9.3	60	60	31	31	73	43	46	23	(36)	71	20	66	27	
		65	16	70	32	(107)	30	30	62	62		16	65	33	70
78.7	8.8	63	63	29	29	77	41	46	19	(37)	75	16	69	24	
		67	11	73	31	(110)	28	28	64	64		11	66	32	74

85.3	8.4	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)
91.9	7.1	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)
98.4	5.7	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)
105.0	4.4	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)
111.5	3.5	64	64	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)
118.1	2.4	64	64	24	24	82	37	46	12(40)	78	8	72	18
		70	4	77	26(108)	22	22	66	66	3	69	27	77(251)

HA=145.0 HI=108.3 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 = 152.2 ft Length of jib = 108.3 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				
52.5	10.4	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)
59.1	10.1	57	57	35	35	64	47	43	30(27)	64	27	61	32
		62	25	63	34(99)	34	34	58	58	25	62	35	63(260)
65.6	9.9	59	59	33	33	70	44	45	25(34)	69	22	65	29
		64	19	67	33(105)	31	31	61	61	19	64	33	68(254)
72.2	9.5	62	62	30	30	75	41	47	21(38)	73	18	68	26
		66	14	72	32(108)	29	29	63	63	14	66	32	72(251)
78.7	9.0	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)
85.3	7.5	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)
91.9	6.0	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)
98.4	4.9	64	64	25	25	81	38	46	14(39)	78	10	71	20
		70	6	76	27(107)	24	24	66	66	6	70	27	76(252)
105.0	3.5	63	63	25	25	80	38	46	13(39)	77	10	71	20
		70	6	76	26(107)	24	24	65	65	5	69	27	76(252)
111.5	2.6	64	64	24	24	81	37	46	13(39)	78	9	71	19
		70	4	76	26(107)	23	23	65	65	4	70	26	77(252)

HA=152.2 HI=108.3 GGW= 39.7 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 = 161.4 ft Length of jib = 108.3 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)				

	4(...)				5(180)				6(...)					
	A	B	C	D	A	B	C	D	A	B	C	D		
59.1	8.8	55	55	36	36	61	48	42	32	(23)	62	28	59	34
		61	27	60	34(95)	35	35	56	56		27	61	35	60(264)
65.6	8.8	58	58	34	34	67	45	44	27	(32)	67	23	63	30
		63	21	65	33(103)	32	32	59	59		21	63	34	66(256)
72.2	8.6	61	61	31	31	73	42	46	22	(37)	71	19	66	26
		65	15	70	32(107)	29	29	62	62		15	65	32	70(252)
78.7	8.4	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)
85.3	7.1	63	63	27	27	79	40	46	16	(38)	77	13	70	22
		70	9	75	28(106)	26	26	65	65		8	70	28	75(253)
91.9	5.5	63	63	26	26	79	39	46	15	(38)	76	12	70	21
		70	8	75	27(106)	25	25	65	65		8	69	28	75(253)
98.4	4.2	63	63	26	26	79	39	45	15	(38)	76	11	70	21
		70	7	75	27(106)	24	24	65	65		7	69	27	75(253)
105.0	3.1	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)

 HA=161.4 HI=108.3 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 0.0 degrees)
 Length of main boom = 166.0 ft Length of jib = 108.3 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		
59.1	9.5	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)
65.6	9.5	60	60	32	32	71	43	45	24	(35)	70	21	65	28
		65	17	69	32(106)	30	30	61	61		17	65	33	69(253)
72.2	9.3	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)
78.7	7.5	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)
85.3	6.0	63	63	27	27	78	40	46	16	(38)	76	13	70	22
		69	9	74	28(106)	26	26	64	64		9	69	28	74(253)
91.9	4.4	63	63	27	27	78	39	45	16	(38)	75	12	69	21
		69	8	74	28(106)	25	25	64	64		8	68	28	74(253)
98.4	3.3	63	63	26	26	79	39	45	15	(38)	76	11	70	21
		69	7	74	27(106)	24	24	64	64		7	69	27	75(253)

 HA=166.0 HI=108.3 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 0.0 degrees)
 Length of main boom = 175.5 ft Length of jib = 108.3 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(...)		

		4(...)				5(180)				6(...)			
		A	B	C	D	A	B	C	D	A	B	C	D
59.1	8.2	55	55	36	36	62	47	42	31(24)	62	27	60	33
		61	26	61	34(96)	34	34	57	57	26	61	34	61(263)
65.6	8.2	58	58	33	33	68	44	44	26(33)	67	22	63	29
		63	20	66	33(104)	32	32	60	60	20	63	33	66(255)
72.2	8.2	61	61	30	30	75	41	46	21(38)	73	17	67	25
		66	14	71	31(108)	28	28	63	63	13	66	32	71(251)
78.7	7.1	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)
85.3	5.5	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)
91.9	4.0	62	62	27	27	77	39	45	16(38)	75	13	69	22
		68	9	73	28(106)	25	25	64	64	9	68	28	73(253)
98.4	2.6	62	62	27	27	77	39	45	16(38)	74	12	69	21
		68	8	73	27(106)	25	25	63	63	8	68	28	73(253)

HA=175.5 HI=108.3 GGW= 39.7 SL= 0.0 MAX(A,B,C,D)= 7.2 6.4 6.8 6.8

Main boom and fixed jib (jib angle 0.0 degrees)
Length of main boom = 180.1 ft Length of jib = 108.3 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(...)							
		4(...)				5(180)				6(...)			
		A	B	C	D	A	B	C	D	A	B	C	D
65.6	8.6	60	60	32	32	71	43	45	23(35)	70	20	65	27
		65	17	69	32(106)	30	30	61	61	17	65	32	69(253)
72.2	7.7	62	62	29	29	75	42	45	20(36)	73	17	68	25
		66	13	72	31(109)	28	28	63	63	12	66	32	72(250)
78.7	6.2	62	62	28	28	76	41	45	18(37)	74	15	68	23
		66	10	73	31(110)	27	27	63	63	10	66	31	73(249)
85.3	4.4	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)
91.9	3.1	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)

HA=180.1 HI=108.3 GGW= 39.7 SL= 0.0 MAX(A,B,C,D)= 7.1 6.3 6.8 6.8

HA=180.1 HI=108.3 GGW= 39.7 SL= 0.0 MAX(A,B,C,D)= 0.0 0.0 0.0 0.0

HA=180.1 HI=108.3 GGW= 39.7 SL= 0.0 MAX(A,B,C,D)= 0.0 0.0 0.0 0.0

HA=180.1 HI=108.3 GGW= 39.7 SL= 0.0 MAX(A,B,C,D)= 0.0 0.0 0.0 0.0

HA=180.1 HI=108.3 GGW= 39.7 SL= 0.0 MAX(A,B,C,D)= 0.0 0.0 0.0 0.0

HA=180.1 HI=108.3 GGW= 39.7 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 KS

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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    = 108.3 ft
Main boom sequence = 0-0-0-0-0-0 %  LK = 1
Counterweight      = 39.7 kip
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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						
45.9	13.0	47	47	47	47	47	46	47	47(59)	47	45	48	47
		47	45	48	47(127)	46	46	48	48	45	47	47	48(232)
52.5	11.9	48	48	45	45	50	44	48	43(59)	50	42	50	44
		47	41	51	46(128)	43	43	49	49	41	47	46	51(232)
59.1	10.8	50	50	43	43	53	42	49	40(59)	52	39	52	42
		48	38	53	45(128)	41	41	51	51	38	48	45	53(232)
65.6	9.9	51	51	41	41	56	40	50	37(59)	55	36	54	39
		55	36	54	39(90)	39	39	52	52	36	55	39	54(270)
72.2	9.0	52	52	39	39	53	51	40	39(4)	57	33	56	37
		57	33	56	37(90)	38	38	54	54	33	57	37	56(270)
78.7	8.4	54	54	37	37	58	49	41	35(17)	60	30	58	35
		60	30	58	35(90)	36	36	55	55	30	59	35	58(269)
85.3	7.7	55	55	36	36	61	47	42	32(24)	62	28	59	33
		61	26	60	34(96)	34	34	56	56	26	60	34	60(263)
91.9	7.3	56	56	34	34	65	45	43	28(29)	64	24	61	31
		62	23	63	33(100)	33	33	58	58	23	62	33	63(259)
98.4	6.6	57	57	33	33	67	44	44	26(32)	66	22	62	29
		63	20	65	32(103)	31	31	59	59	20	62	33	65(256)
105.0	6.2	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)
111.5	5.7	60	60	30	30	73	41	45	21(37)	71	17	66	25
		64	14	70	31(108)	28	28	62	62	14	64	32	70(251)
118.1	5.5	62	62	28	28	76	40	45	18(37)	73	15	68	23
		66	10	73	30(110)	26	26	63	63	10	65	31	73(249)
124.7	5.1	63	63	27	27	78	39	45	16(38)	75	12	69	21
		69	8	74	28(106)	25	25	64	64	8	69	28	74(253)
131.2	4.9	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)

 HA= 40.7 HI=108.3 GGW= 39.7 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 = 54.5 ft Length of jib = 108.3 ft
 Main boom sequence = 0-0-0-0-0-45 % LK = 7
 Counterweight = 39.7 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	
45.9	13.0	47	47	47	47	46	48	48	46(59)	47	45	48	47
		47	45	48	47(127)	46	46	48	48	45	47	47	48(232)
52.5	11.9	48	48	45	45	51	43	49	43(59)	50	42	50	44
		48	41	51	46(128)	43	43	49	49	41	48	46	51(232)
59.1	11.0	50	50	42	42	54	41	49	40(59)	53	38	52	41
		49	37	54	45(128)	41	41	51	51	37	49	45	54(232)
65.6	10.1	51	51	41	41	57	40	50	37(59)	56	35	54	39
		56	35	54	39(90)	39	39	53	53	35	56	39	54(270)
72.2	9.5	53	53	39	39	56	50	41	37(11)	58	32	57	36
		58	32	57	36(90)	37	37	54	54	32	58	36	57(270)
78.7	8.6	54	54	37	37	59	49	41	34(19)	60	29	58	34
		60	29	58	35(92)	36	36	56	56	29	60	35	59(267)
85.3	8.2	56	56	35	35	63	46	43	30(27)	63	26	60	32
		62	25	62	34(98)	34	34	57	57	25	62	34	62(261)
91.9	7.5	57	57	34	34	66	45	43	27(30)	65	24	62	30
		62	22	64	33(102)	32	32	58	58	21	62	33	64(257)
98.4	7.1	58	58	32	32	69	43	44	24(34)	68	21	64	28
		63	18	67	32(105)	30	30	60	60	18	63	33	67(254)
105.0	6.6	60	60	30	30	72	41	45	22(36)	70	18	66	26
		65	15	69	31(107)	29	29	61	61	15	64	32	69(252)
111.5	6.2	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)
118.1	6.0	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)
124.7	5.5	64	64	26	26	80	38	46	14(39)	77	11	71	20
		70	6	76	27(107)	24	24	65	65	6	70	28	76(252)
131.2	5.3	65	65	24	24	84	37	47	11(40)	80	8	73	18
		72	3	78	26(108)	22	22	67	67	3	71	26	79(251)
137.8	4.9	66	66	23	23	86	36	47	9(41)	82	6	74	17
		72	0	80	25(109)	21	21	68	68	0	72	26	80(250)
144.4	4.0	66	66	23	23	85	36	47	9(41)	81	6	74	16
		72	0	80	25(109)	21	21	68	68	0	71	26	80(250)

 HA= 54.5 HI=108.3 GGW= 39.7 SL= 0.0 MAX(A,B,C,D)= 8.0 6.7 7.5 7.5

Main boom and fixed jib (jib angle 20.0 degrees)
 Length of main boom = 68.6 ft Length of jib = 108.3 ft
 Main boom sequence = 0-0-0-0-0-90 % LK = 13
 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		
52.5	11.9	49	49	44	44	51	43	49	43	(59)	50	41	50	44
		48	41	51	46(128)	43	43	50	50	41	48	46	51(232)	
59.1	11.0	50	50	42	42	54	41	49	39	(59)	53	38	53	41
		49	37	54	45(128)	41	41	51	51	37	49	45	54(232)	
65.6	10.1	52	52	40	40	58	39	50	36	(59)	56	35	55	39
		56	35	55	39(90)	39	39	53	53	35	56	39	55(270)	
72.2	9.5	53	53	38	38	56	50	41	36	(12)	59	32	57	36
		59	32	57	36(90)	37	37	54	54	32	59	36	57(270)	
78.7	8.6	54	54	37	37	59	48	41	33	(20)	61	29	58	34
		60	29	59	35(93)	35	35	56	56	28	60	35	59(266)	
85.3	7.9	56	56	35	35	63	47	43	30	(26)	63	26	60	32
		61	25	62	34(98)	34	34	57	57	25	61	34	62(261)	
91.9	7.3	57	57	34	34	65	45	43	28	(30)	65	24	62	30
		62	22	64	33(101)	32	32	58	58	22	62	33	64(258)	
98.4	6.8	58	58	32	32	69	43	44	24	(34)	68	21	63	28
		63	18	67	32(105)	31	31	60	60	18	63	33	67(254)	
105.0	6.2	59	59	31	31	71	42	45	23	(35)	69	19	65	27
		64	16	68	32(106)	29	29	61	61	16	64	32	68(253)	
111.5	5.5	60	60	30	30	73	41	45	21	(37)	71	18	66	25
		65	14	69	31(107)	28	28	61	61	14	64	31	70(252)	
118.1	5.1	61	61	28	28	74	41	45	19	(36)	72	15	67	24
		65	11	72	30(109)	27	27	62	62	11	65	31	72(250)	
124.7	4.9	62	62	27	27	78	39	45	16	(38)	75	13	69	22
		69	9	73	28(106)	25	25	64	64	9	68	28	74(253)	
131.2	4.4	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)	
137.8	4.0	64	64	25	25	81	38	46	13	(39)	78	9	72	19
		71	4	77	26(107)	23	23	66	66	4	70	26	77(252)	
144.4	3.7	65	65	23	23	84	36	47	10	(41)	80	7	73	17
		71	1	79	26(109)	21	21	67	67	1	71	26	79(250)	
150.9	3.3	66	66	22	22	86	35	47	9	(41)	82	5	74	16
		72	0	80	25(109)	21	21	68	68	0	71	25	81(250)	
157.5	2.6	66	66	22	22	86	35	47	8	(41)	82	5	74	16
		71	0	81	24(109)	20	20	68	68	0	71	24	81(250)	

 HA= 68.6 HI=108.3 GGW= 39.7 SL= 0.0 MAX(A,B,C,D)= 7.9 6.6 7.5 7.5

Main boom and fixed jib (jib angle 20.0 degrees)
 Length of main boom = 82.3 ft Length of jib = 108.3 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(...)									
	4(...)				5(180)				6(...)					
	A	B	C	D	A	B	C	D	A	B	C	D		
52.5	11.7	49	49	44	44	51	43	49	43	(59)	50	41	50	43
		48	41	51	46(128)	43	43	50	50	41	48	46	51(232)	
59.1	10.8	50	50	42	42	55	41	50	39	(59)	53	38	53	41
		49	36	54	45(128)	41	41	51	51	36	49	45	54(232)	
65.6	10.1	52	52	40	40	58	39	50	36	(59)	57	34	55	38
		57	34	55	38(90)	39	39	53	53	34	57	38	55(270)	

72.2	9.5	54	54	38	38	57	50	41	35(15)	60	31	58	35
		60	31	58	35(90)	37	37	55	55	31	60	35	58(270)
78.7	8.8	55	55	36	36	62	47	42	32(24)	62	28	60	33
		61	27	61	34(96)	35	35	57	57	26	61	34	61(263)
85.3	8.2	57	57	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)
91.9	7.7	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)
98.4	7.1	59	59	31	31	71	42	45	23(35)	69	19	65	27
		64	16	68	32(106)	30	30	61	61	16	64	32	69(253)
105.0	6.6	61	61	29	29	74	40	46	20(38)	72	17	67	25
		65	13	71	31(108)	28	28	62	62	13	65	31	71(251)
111.5	6.2	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)
118.1	5.5	63	63	27	27	78	39	46	16(38)	75	13	70	22
		69	9	74	28(106)	25	25	64	64	8	69	28	74(253)
124.7	5.1	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)
131.2	4.9	65	65	24	24	84	37	47	11(40)	80	7	73	18
		72	3	78	26(108)	22	22	67	67	3	71	26	78(251)
137.8	4.4	66	66	23	23	86	36	47	9(41)	82	6	74	17
		72	0	80	25(109)	21	21	68	68	0	72	26	80(250)
144.4	3.7	66	66	22	22	86	35	47	9(41)	82	5	75	16
		72	0	81	24(109)	21	21	68	68	0	71	25	81(250)
150.9	2.9	66	66	22	22	85	35	47	9(41)	81	5	74	16
		72	0	80	25(109)	21	21	67	67	0	71	26	80(250)
157.5	2.4	66	66	22	22	86	35	47	8(41)	82	4	75	15
		71	0	82	23(109)	20	20	68	68	0	70	23	82(250)

 HA= 82.3 HI=108.3 GGW= 39.7 SL= 0.0 MAX(A,B,C,D)= 8.0 6.7 7.6 7.6

Main boom and fixed jib (jib angle 20.0 degrees)
 Length of main boom = 96.5 ft Length of jib = 108.3 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)		6(...)					
		A	B	C	D	A	B	C	D	A	B	C	D
59.1	10.6	50	50	42	42	55	41	50	39(59)	54	37	53	41
		49	36	54	45(128)	41	41	52	52	36	49	45	54(232)
65.6	9.9	52	52	40	40	52	52	40	40(0)	57	34	55	38
		57	34	55	38(90)	38	38	53	53	34	57	38	55(270)
72.2	9.5	54	54	37	37	58	49	41	34(18)	60	30	58	35
		60	30	58	35(91)	36	36	56	56	30	60	35	58(268)
78.7	8.8	56	56	35	35	63	47	43	31(26)	63	27	60	33
		62	26	61	34(97)	34	34	57	57	26	62	34	62(262)
85.3	8.4	58	58	34	34	67	45	44	27(31)	66	23	63	30
		63	21	65	33(102)	32	32	59	59	21	63	33	65(257)
91.9	7.7	59	59	32	32	70	43	45	24(34)	69	21	64	28
		64	18	67	32(105)	30	30	60	60	18	64	33	67(254)
98.4	7.3	60	60	30	30	73	41	46	21(37)	71	18	66	26
		65	14	70	32(108)	29	29	62	62	14	65	32	70(251)

105.0	6.8	62	62	28	28	76	41	45	19(37)	74	15	68	24
		66	11	73	31(110)	27	27	63	63	11	66	31	73(249)
111.5	6.4	63	63	27	27	79	40	46	16(38)	76	12	70	21
		70	8	75	28(106)	25	25	65	65	8	69	28	75(253)
118.1	6.0	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)
124.7	5.5	66	66	24	24	84	37	47	11(40)	80	7	73	18
		72	3	79	26(108)	22	22	67	67	2	71	26	79(251)
131.2	4.9	66	66	23	23	85	36	47	10(41)	81	6	74	17
		72	1	80	26(109)	21	21	68	68	1	71	26	80(250)
137.8	4.0	66	66	23	23	85	36	47	10(41)	81	6	74	17
		72	1	80	26(109)	21	21	68	68	1	71	26	80(250)
144.4	3.3	66	66	22	22	86	35	47	9(41)	82	5	74	16
		72	0	80	25(109)	21	21	68	68	0	71	25	80(250)
150.9	2.6	66	66	22	22	86	35	47	9(41)	82	5	74	16
		71	0	81	24(109)	20	20	68	68	0	71	24	81(250)

 HA= 96.5 HI=108.3 GGW= 39.7 SL= 0.0 MAX(A,B,C,D)= 7.9 6.6 7.5 7.5

Main boom and fixed jib (jib angle 20.0 degrees)

Length of main boom = 110.2 ft Length of jib = 108.3 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)								
	A	B	C	D	A	B	C	D	6(...)				
65.6	9.9	53	53	39	39	54	51	40	38(7)	58	33	56	37
		58	33	56	37(90)	38	38	54	54	33	58	37	56(270)
72.2	9.5	55	55	37	37	60	48	42	33(22)	62	29	59	34
		61	28	60	35(94)	35	35	56	56	28	61	35	60(265)
78.7	8.8	57	57	35	35	64	46	43	29(28)	65	26	61	32
		62	24	63	34(100)	34	34	58	58	24	62	34	63(259)
85.3	8.4	58	58	33	33	69	44	44	25(33)	68	22	64	29
		64	19	66	33(104)	31	31	60	60	19	63	33	67(255)
91.9	7.9	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)
98.4	7.5	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)
105.0	7.1	63	63	27	27	79	40	46	16(38)	77	13	70	22
		70	8	75	28(106)	25	25	65	65	8	69	28	75(253)
111.5	6.6	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)
118.1	6.0	66	66	24	24	84	37	47	11(40)	81	8	73	18
		72	3	79	26(108)	22	22	67	67	3	72	26	79(251)
124.7	5.3	67	67	23	23	86	36	47	10(41)	82	6	75	17
		73	1	80	26(109)	21	21	68	68	1	72	26	80(250)
131.2	4.4	67	67	23	23	86	36	47	9(41)	82	6	75	16
		73	0	80	25(109)	21	21	68	68	0	72	26	80(250)
137.8	3.5	66	66	22	22	86	35	47	9(41)	82	5	74	16
		72	0	80	25(109)	21	21	68	68	0	71	25	80(250)
144.4	2.6	66	66	22	22	85	35	47	9(41)	81	5	74	16
		72	0	80	25(109)	21	21	67	67	0	71	26	80(250)

 HA=110.2 HI=108.3 GGW= 39.7 SL= 0.0 MAX(A,B,C,D)= 8.0 6.7 7.5 7.5

Main boom and fixed jib (jib angle 20.0 degrees)
 Length of main boom = 124.3 ft Length of jib = 108.3 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)		4(...)		5(180)			6(...)													
		A	B	C	D	A	B	C	D	A	B	C	D		A	B	C	D										
65.6	9.7	53	53	39	39	55	51	41	37	(10)	58	32	57	37	58	32	57	37	(90)	37	37	54	54	32	58	37	57	(270)
72.2	9.3	55	55	36	36	61	48	42	32	(23)	62	28	60	34	61	27	60	34	(95)	35	35	57	57	27	61	35	60	(264)
78.7	8.8	57	57	34	34	66	45	44	28	(30)	66	24	62	31	63	22	64	34	(102)	33	33	59	59	22	62	34	65	(257)
85.3	8.2	59	59	32	32	70	43	45	24	(34)	69	21	64	28	64	18	67	32	(105)	31	31	60	60	18	64	33	67	(254)
91.9	7.9	61	61	30	30	75	41	46	20	(38)	72	17	67	25	66	13	71	31	(108)	28	28	63	63	13	65	32	71	(251)
98.4	7.5	63	63	28	28	78	41	46	17	(37)	75	14	69	23	67	9	74	30	(110)	26	26	64	64	9	67	31	75	(249)
105.0	7.1	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)
111.5	6.6	66	66	24	24	84	37	47	11	(40)	81	8	74	18	72	3	79	26	(108)	23	23	68	68	3	72	27	79	(251)
118.1	5.5	66	66	24	24	84	37	47	11	(40)	81	7	74	18	72	2	79	26	(108)	22	22	67	67	2	72	26	79	(251)
124.7	4.6	66	66	23	23	85	36	47	10	(41)	81	6	74	17	72	1	80	26	(109)	22	22	68	68	1	71	26	80	(250)
131.2	3.7	66	66	23	23	85	36	47	9	(41)	81	6	74	17	72	1	80	25	(109)	21	21	68	68	0	71	26	80	(250)
137.8	2.9	66	66	23	23	85	35	47	9	(41)	81	6	74	16	72	0	80	25	(109)	21	21	67	67	0	71	26	80	(250)
144.4	2.2	66	66	22	22	85	35	47	9	(41)	81	5	74	16	71	0	80	24	(109)	20	20	68	68	0	71	25	81	(250)

 HA=124.3 HI=108.3 GGW= 39.7 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 = 138.1 ft Length of jib = 108.3 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)		4(...)		5(180)			6(...)													
		A	B	C	D	A	B	C	D	A	B	C	D		A	B	C	D										
72.2	9.0	56	56	36	36	63	47	43	31	(26)	63	27	60	33	62	26	61	34	(97)	34	34	57	57	26	62	34	62	(262)
78.7	8.6	58	58	33	33	68	44	44	26	(32)	67	23	63	30	63	21	65	33	(103)	32	32	59	59	21	63	33	66	(256)

85.3	8.2	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)
91.9	7.7	62	62	29	29	76	42	45	19(36)	74	16	68	24
		67	12	73	31(109)	28	28	63	63	12	66	31	73(250)
98.4	7.5	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)
105.0	6.6	65	65	25	25	82	38	47	13(40)	79	10	72	19
		71	5	77	27(108)	24	24	67	67	5	70	28	78(251)
111.5	5.5	65	65	25	25	83	37	47	12(40)	79	9	73	19
		71	4	78	26(108)	23	23	67	67	4	71	27	78(251)
118.1	4.4	65	65	24	24	83	37	47	12(40)	79	8	73	18
		71	4	78	26(108)	23	23	67	67	3	71	27	78(251)
124.7	3.5	65	65	24	24	83	37	47	11(40)	80	7	73	18
		71	2	78	26(108)	22	22	67	67	2	71	26	78(251)
131.2	2.6	65	65	23	23	83	36	46	11(40)	80	7	73	17
		71	2	78	25(108)	22	22	67	67	2	71	26	78(251)

HA=138.1 HI=108.3 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 20.0 degrees)

Length of main boom = 152.2 ft Length of jib = 108.3 ft

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

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	
78.7	8.4	59	59	33	33	69	44	44	25(33)	68	22	64	29
		64	19	67	33(104)	31	31	60	60	19	63	33	67(255)
85.3	7.9	61	61	30	30	73	41	46	21(37)	71	18	67	26
		65	15	70	32(108)	29	29	62	62	15	65	32	71(251)
91.9	7.7	63	63	28	28	78	41	46	17(37)	76	14	70	23
		67	9	75	30(110)	26	26	64	64	9	67	31	75(249)
98.4	6.8	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)
105.0	5.5	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)
111.5	4.4	64	64	25	25	81	38	46	13(39)	78	10	71	20
		70	6	76	27(107)	24	24	65	65	5	70	27	76(252)
118.1	3.3	64	64	25	25	81	38	46	13(39)	77	9	71	19
		70	5	76	26(107)	23	23	65	65	5	70	27	76(252)
124.7	2.4	64	64	24	24	81	37	46	12(39)	78	9	71	19
		70	4	76	26(107)	23	23	65	65	4	70	26	77(252)

HA=152.2 HI=108.3 GGW= 39.7 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 = 166.0 ft Length of jib = 108.3 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		
78.7	8.2	59	59	32	32	71	43	45	24	(35)	69	21	65	28
		64	17	68	32(106)	30	30	61	61		17	64	33	68(253)
85.3	7.9	62	62	29	29	76	42	45	19	(36)	74	16	68	24
		67	12	73	31(109)	28	28	63	63		12	66	31	73(250)
91.9	6.8	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)
98.4	5.5	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)
105.0	4.2	63	63	26	26	78	39	45	15	(38)	76	12	70	21
		69	8	74	27(106)	25	25	64	64		8	69	28	74(253)
111.5	3.1	63	63	26	26	78	39	45	15	(38)	76	11	70	21
		69	7	74	27(106)	24	24	64	64		7	69	27	74(253)

HA=166.0 HI=108.3 GGW= 39.7 SL= 0.0 MAX(A,B,C,D)= 7.3 6.4 6.9 6.9

HA=166.0 HI=108.3 GGW= 39.7 SL= 0.0 MAX(A,B,C,D)= 0.0 0.0 0.0 0.0

HA=166.0 HI=108.3 GGW= 39.7 SL= 0.0 MAX(A,B,C,D)= 0.0 0.0 0.0 0.0

HA=166.0 HI=108.3 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

Tabellendat.: /berechnung/tabellen/ac/ac200-1/serie_3/pc_tab/22137912_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 KS

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 = 108.3 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(...)							
		A	B	C	D	A	B	C	D				
59.1	10.4	46	46	46	46	47	45	47	45(59)	47	44	48	45
		46	43	48	46(127)	44	44	48	48	43	46	46	48(232)

65.6	9.5	48	48	44	44	50	43	48	42(59)	50	41	50	43
		47	40	51	45(128)	43	43	49	49	40	47	45	51(232)
72.2	8.8	49	49	42	42	54	41	49	39(59)	52	37	52	41
		48	36	54	45(128)	40	40	51	51	36	48	45	54(232)
78.7	8.2	51	51	40	40	57	39	50	36(59)	55	34	54	38
		55	34	54	38(90)	39	39	52	52	34	55	38	54(270)
85.3	7.7	53	53	38	38	55	50	40	36(12)	58	31	56	36
		58	31	56	36(90)	37	37	54	54	31	58	36	56(270)
91.9	7.1	54	54	36	36	59	48	41	33(21)	60	28	58	34
		60	28	59	34(93)	35	35	55	55	28	60	34	59(266)
98.4	6.6	56	56	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)
105.0	6.2	57	57	33	33	67	44	43	26(32)	66	22	62	29
		62	20	65	33(103)	31	31	59	59	20	62	33	65(256)
111.5	6.0	59	59	31	31	71	42	44	22(35)	69	19	65	26
		64	16	68	31(106)	29	29	61	61	16	64	32	68(253)
118.1	5.5	60	60	29	29	73	42	44	20(35)	72	16	67	24
		65	13	71	31(108)	28	28	62	62	12	65	31	71(251)

HA= 40.7 HI=108.3 GGW= 39.7 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 = 54.5 ft Length of jib = 108.3 ft

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

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					
59.1	10.4	47	47	46	46	47	45	47	45(59)	47	44	48	45
		46	43	48	46(127)	44	44	48	48	43	46	46	48(232)
65.6	9.7	48	48	43	43	51	42	48	42(59)	50	40	50	43
		47	39	51	45(128)	42	42	50	50	39	47	45	51(232)
72.2	9.0	50	50	41	41	54	41	49	39(59)	53	37	53	40
		49	35	54	45(128)	40	40	51	51	35	49	45	54(232)
78.7	8.4	51	51	40	40	58	39	50	36(59)	56	34	55	38
		56	34	55	38(90)	38	38	53	53	34	56	38	55(270)
85.3	7.9	53	53	38	38	57	49	41	35(15)	59	30	57	35
		59	30	57	35(90)	36	36	55	55	30	59	35	57(270)
91.9	7.5	55	55	36	36	61	47	42	31(24)	62	27	59	33
		61	26	60	34(96)	34	34	56	56	26	60	34	60(263)
98.4	7.1	56	56	34	34	65	45	43	28(29)	65	24	61	30
		62	22	63	33(101)	32	32	58	58	22	62	33	63(258)
105.0	6.6	58	58	32	32	68	43	44	25(33)	67	21	63	28
		63	19	66	32(104)	31	31	60	60	19	63	32	66(255)
111.5	6.2	59	59	30	30	71	41	45	22(36)	70	19	65	26
		64	15	69	32(107)	29	29	61	61	15	64	32	69(252)
118.1	6.0	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)
124.7	5.5	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)
131.2	5.3	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)

 HA= 54.5 HI=108.3 GGW= 39.7 SL= 0.0 MAX(A,B,C,D)= 7.6 6.5 7.1 7.2

Main boom and fixed jib (jib angle 40.0 degrees)
 Length of main boom = 68.6 ft Length of jib = 108.3 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)		4(...)		5(180)		6(...)			
		A	B	C	D	A	B	C	D	A	B	C	D		
65.6	9.5	48	48	44	44	51	43	48	42	(59)	50	40	50	43	
		47	40	51	45	(128)	42	42	49	49		40	47	45	51
72.2	9.0	50	50	41	41	55	40	49	38	(59)	53	37	53	40	
		49	35	54	44	(128)	40	40	51	51		35	49	44	54
78.7	8.4	51	51	40	40	58	39	50	35	(59)	56	34	55	38	
		56	34	55	38	(90)	38	38	53	53		34	56	38	55
85.3	7.9	53	53	37	37	57	49	41	35	(15)	59	30	57	35	
		59	30	57	35	(90)	36	36	55	55		30	59	35	57
91.9	7.3	54	54	36	36	60	47	42	32	(23)	61	28	59	33	
		60	27	60	34	(95)	35	35	56	56		27	60	34	60
98.4	6.8	56	56	34	34	64	45	43	29	(28)	64	25	61	31	
		62	23	63	33	(100)	33	33	58	58		23	61	34	63
105.0	6.2	57	57	33	33	66	44	43	26	(31)	66	23	62	29	
		62	20	65	33	(103)	31	31	59	59		20	62	33	65
111.5	5.7	58	58	31	31	69	43	44	24	(34)	68	20	64	27	
		63	17	67	32	(105)	30	30	60	60		17	63	32	67
118.1	5.3	60	60	30	30	72	41	45	21	(37)	70	17	66	25	
		65	14	69	31	(107)	28	28	61	61		14	64	31	69
124.7	4.9	61	61	28	28	74	41	45	19	(36)	72	15	67	24	
		65	11	72	30	(109)	27	27	62	62		11	65	31	72
131.2	4.6	63	63	27	27	78	39	45	16	(38)	75	12	69	21	
		69	8	74	27	(106)	25	25	64	64		8	68	28	74
137.8	4.2	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

 HA= 68.6 HI=108.3 GGW= 39.7 SL= 0.0 MAX(A,B,C,D)= 7.5 6.5 7.0 7.0

Main boom and fixed jib (jib angle 40.0 degrees)
 Length of main boom = 82.3 ft Length of jib = 108.3 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)		4(...)		5(180)		6(...)			
		A	B	C	D	A	B	C	D	A	B	C	D		
72.2	9.0	50	50	41	41	55	40	49	38	(59)	54	36	53	40	
		49	35	55	44	(128)	40	40	52	52		35	49	44	55
78.7	8.4	52	52	39	39	52	51	39	39	(2)	57	33	55	37	
		57	33	55	37	(90)	38	38	53	53		33	57	37	55
85.3	7.9	54	54	37	37	58	49	41	34	(18)	60	30	58	35	
		60	30	58	35	(90)	36	36	55	55		30	60	35	58

91.9	7.5	55	55	35	35	62	46	42	30(26)	63	26	60	32
		61	25	61	34(98)	34	34	57	57	25	61	34	61(261)
98.4	7.1	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)
105.0	6.6	58	58	32	32	69	43	44	24(34)	68	21	64	28
		64	18	67	32(105)	30	30	60	60	17	63	32	67(254)
111.5	6.2	60	60	30	30	73	41	45	21(37)	71	18	66	26
		65	14	70	31(107)	28	28	62	62	14	65	31	70(252)
118.1	5.7	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)
124.7	5.3	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)
131.2	4.9	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)
137.8	4.6	65	65	24	24	84	37	47	11(40)	80	7	73	18
		72	2	78	26(108)	22	22	67	67	2	71	26	79(251)
144.4	4.2	66	66	22	22	86	36	47	9(41)	82	5	75	16
		72	0	80	25(109)	21	21	68	68	0	72	25	81(250)
150.9	3.3	66	66	22	22	86	35	47	9(41)	82	5	74	16
		72	0	80	25(109)	21	21	68	68	0	71	25	80(250)

 HA= 82.3 HI=108.3 GGW= 39.7 SL= 0.0 MAX(A,B,C,D)= 8.0 6.7 7.5 7.5

Main boom and fixed jib (jib angle 40.0 degrees)

Length of main boom = 96.5 ft Length of jib = 108.3 ft

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

Counterweight = 39.7 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				
72.2	8.8	50	50	41	41	55	40	49	38(59)	54	36	53	39
		49	35	55	44(128)	40	40	52	52	35	49	44	55(232)
78.7	8.4	52	52	39	39	54	51	40	38(6)	57	32	56	37
		57	32	56	37(90)	37	37	54	54	32	57	37	56(270)
85.3	7.9	54	54	37	37	59	48	41	33(20)	60	29	58	34
		60	29	58	35(92)	35	35	56	56	29	60	35	59(267)
91.9	7.5	56	56	35	35	63	46	43	30(27)	63	26	60	32
		62	24	62	34(99)	33	33	57	57	24	61	34	62(260)
98.4	7.1	58	58	33	33	67	44	44	26(32)	66	23	63	29
		63	20	65	33(103)	32	32	59	59	20	63	33	65(256)
105.0	6.6	59	59	31	31	71	42	45	23(35)	69	20	65	27
		64	17	68	32(106)	30	30	61	61	17	64	32	68(253)
111.5	6.2	60	60	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)
118.1	6.0	62	62	28	28	77	40	45	17(37)	75	13	69	22
		69	10	73	28(105)	26	26	64	64	10	69	28	73(254)
124.7	5.5	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)
131.2	5.3	65	65	24	24	84	37	47	11(40)	80	8	73	18
		72	3	78	26(108)	22	22	67	67	3	71	26	79(251)
137.8	4.6	66	66	23	23	85	36	47	10(41)	81	6	74	17
		72	1	80	26(109)	22	22	68	68	1	71	26	80(250)

144.4 4.0 66 66 22 22 86 36 47 9(41) 82 5 75 16
 72 0 80 25(109) 21 21 68 68 0 71 25 81(250)
 150.9 3.1 66 66 22 22 85 35 47 9(41) 81 5 74 16
 72 0 80 25(109) 21 21 68 68 0 71 25 80(250)
 157.5 2.4 66 66 22 22 86 35 47 8(41) 82 5 74 15
 71 0 81 24(109) 20 20 68 68 0 71 24 81(250)

 HA= 96.5 HI=108.3 GGW= 39.7 SL= 0.0 MAX(A,B,C,D)= 8.0 6.6 7.5 7.6

Main boom and fixed jib (jib angle 40.0 degrees)
 Length of main boom = 110.2 ft Length of jib = 108.3 ft
 Main boom sequence = 0-0-0-45-90-90 % LK = 36
 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					
78.7	8.4	53 53 38 38	55 50 40 36	(11)	58 32 56 36					
		58 32 56 36	37 37 54 54	(90)	32 58 36 56	270				
85.3	7.9	55 55 36 36	61 47 42 32	(23)	62 28 59 33					
		61 27 60 34	35 35 56 56	(95)	27 60 34 60	264				
91.9	7.5	57 57 34 34	65 45 43 28	(29)	65 24 61 31					
		62 22 63 33	33 33 58 58	(101)	22 62 34 63	258				
98.4	7.3	59 59 32 32	70 43 44 24	(34)	68 21 64 28					
		64 18 67 32	30 30 60 60	(105)	18 63 32 67	254				
105.0	6.8	60 60 30 30	73 41 45 21	(37)	71 18 66 25					
		65 14 70 31	28 28 62 62	(108)	14 65 32 71	251				
111.5	6.4	62 62 28 28	76 41 45 18	(37)	74 15 68 23					
		66 10 73 31	27 27 63 63	(110)	10 66 31 73	249				
118.1	6.0	63 63 26 26	79 39 46 15	(38)	77 12 70 21					
		70 8 75 27	25 25 65 65	(106)	7 69 28 75	253				
124.7	5.7	65 65 24 24	83 37 47 12	(40)	80 8 73 19					
		71 4 78 26	23 23 67 67	(108)	3 71 27 78	251				
131.2	5.1	66 66 23 23	85 36 47 10	(41)	81 7 74 17					
		72 2 80 26	22 22 68 68	(109)	1 71 26 80	250				
137.8	4.2	66 66 23 23	85 36 47 10	(41)	81 6 74 17					
		72 1 80 26	21 21 68 68	(109)	1 71 26 80	250				
144.4	3.3	66 66 23 23	85 36 47 9	(41)	81 6 74 17					
		72 1 80 25	21 21 67 67	(109)	0 71 26 80	250				
150.9	2.6	66 66 22 22	86 35 47 9	(41)	82 5 74 16					
		72 0 80 24	21 21 68 68	(109)	0 71 25 81	250				

 HA=110.2 HI=108.3 GGW= 39.7 SL= 0.0 MAX(A,B,C,D)= 7.9 6.6 7.5 7.5

Main boom and fixed jib (jib angle 40.0 degrees)
 Length of main boom = 124.3 ft Length of jib = 108.3 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	A B C D	A B C D					

85.3	7.9	55	55	35	35	62	47	42	31(25)	63	27	60	33
		61	26	61	34(97)	34	34	57	57	26	61	34	61(262)
91.9	7.5	57	57	34	34	66	45	44	27(31)	66	23	62	30
		63	21	65	33(102)	32	32	59	59	21	62	33	65(257)
98.4	7.1	59	59	32	32	71	42	45	23(35)	69	20	65	27
		64	17	68	32(106)	30	30	61	61	17	64	32	68(253)
105.0	6.8	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)
111.5	6.6	63	63	27	27	79	40	46	16(38)	76	13	70	22
		70	9	75	28(106)	25	25	65	65	8	69	28	75(253)
118.1	6.2	65	65	25	25	82	38	47	13(40)	79	9	72	19
		71	5	77	27(108)	24	24	66	66	5	70	28	78(251)
124.7	5.5	66	66	24	24	84	37	47	11(40)	80	7	73	18
		72	3	79	26(108)	22	22	67	67	2	71	26	79(251)
131.2	4.6	66	66	23	23	85	36	47	10(41)	81	7	74	17
		72	1	79	26(109)	22	22	67	67	1	71	26	80(250)
137.8	3.7	66	66	23	23	85	36	47	10(41)	81	6	74	17
		72	1	80	26(109)	21	21	68	68	1	71	26	80(250)
144.4	3.1	66	66	22	22	86	35	47	9(41)	82	5	75	16
		72	0	81	24(109)	21	21	68	68	0	71	25	81(250)
150.9	2.2	66	66	22	22	85	35	47	9(41)	81	5	74	16
		71	0	80	24(109)	20	20	68	68	0	71	25	81(250)

 HA=124.3 HI=108.3 GGW= 39.7 SL= 0.0 MAX(A,B,C,D)= 8.0 6.6 7.5 7.5

Main boom and fixed jib (jib angle 40.0 degrees)

Length of main boom = 138.1 ft Length of jib = 108.3 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				
85.3	7.7	56	56	35	35	63	46	43	30(27)	63	26	60	32
		62	24	62	34(99)	34	34	57	57	24	61	34	62(260)
91.9	7.5	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)
98.4	7.1	60	60	30	30	73	41	46	21(37)	71	18	66	26
		65	15	70	32(107)	29	29	62	62	15	65	32	70(252)
105.0	6.8	62	62	28	28	77	41	45	18(37)	75	14	69	23
		67	10	74	30(110)	26	26	64	64	10	66	31	74(249)
111.5	6.6	65	65	26	26	82	39	47	14(39)	78	10	72	20
		71	6	77	27(107)	24	24	66	66	6	71	28	77(252)
118.1	5.7	65	65	25	25	83	37	47	12(40)	80	9	73	19
		71	4	78	26(108)	23	23	67	67	4	71	27	78(251)
124.7	4.6	65	65	24	24	83	37	47	12(40)	79	8	73	18
		71	4	78	26(108)	23	23	67	67	3	71	27	78(251)
131.2	3.7	65	65	24	24	83	37	47	11(40)	80	7	73	18
		71	2	78	26(108)	22	22	67	67	2	71	26	78(251)
137.8	2.9	65	65	23	23	84	36	46	10(40)	80	7	73	17
		71	2	78	25(108)	22	22	67	67	2	71	26	78(251)

 HA=138.1 HI=108.3 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 40.0 degrees)
 Length of main boom = 152.2 ft Length of jib = 108.3 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			
91.9	7.3	59	59	32	32	69	43	45	24(34)	68	21	64	28	
		64	18	67	32(105)	30	30	60	60	18	63	33	67(254)	
98.4	7.1	61	61	29	29	75	40	46	20(38)	72	17	67	25	
		65	13	71	31(109)	28	28	63	63	13	65	32	72(250)	
105.0	6.8	63	63	27	27	79	40	46	16(38)	76	13	70	22	
		70	9	75	28(106)	26	26	65	65	8	69	28	75(253)	
111.5	6.0	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)	
118.1	4.9	64	64	25	25	81	38	46	13(39)	78	10	72	19	
		71	5	77	26(107)	24	24	66	66	5	70	27	77(252)	
124.7	3.7	64	64	25	25	81	38	46	13(39)	78	9	71	19	
		71	5	76	26(107)	23	23	66	66	4	70	27	77(252)	
131.2	2.9	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)	

 HA=152.2 HI=108.3 GGW= 39.7 SL= 0.0 MAX(A,B,C,D)= 7.6 6.5 7.1 7.2

Main boom and fixed jib (jib angle 40.0 degrees)
 Length of main boom = 166.0 ft Length of jib = 108.3 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)			
		4(...)				5(180)					6(...)			
A	B	C	D	A	B	C	D	A	B	C	D			
91.9	7.3	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)	
98.4	6.8	62	62	28	28	76	41	45	19(37)	74	15	68	24	
		67	11	73	30(109)	27	27	63	63	11	66	31	73(250)	
105.0	6.0	63	63	27	27	78	40	46	16(38)	76	13	70	22	
		69	9	74	28(106)	26	26	64	64	9	69	28	74(253)	
111.5	4.9	63	63	26	26	79	39	46	15(38)	76	11	70	21	
		70	7	75	27(106)	25	25	65	65	7	69	28	75(253)	
118.1	3.7	63	63	26	26	80	38	46	14(39)	77	11	71	20	
		69	6	75	27(107)	24	24	65	65	6	69	27	75(252)	
124.7	2.6	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=166.0 HI=108.3 GGW= 39.7 SL= 0.0 MAX(A,B,C,D)= 7.4 6.4 7.0 7.0

HA=166.0 HI=108.3 GGW= 39.7 SL= 0.0 MAX(A,B,C,D)= 0.0 0.0 0.0 0.0

HA=166.0 HI=108.3 GGW= 39.7 SL= 0.0 MAX(A,B,C,D)= 0.0 0.0 0.0 0.0

HA=166.0 HI=108.3 GGW= 39.7 SL= 0.0 MAX(A,B,C,D)= 0.0 0.0 0.0 0.0

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HA= 40.7 HI=108.3 GGW= 75.8 SL= 0.0 MAX(A,B,C,D)= 7.6 7.6 6.8 7.0
HA= 54.5 HI=108.3 GGW= 75.8 SL= 0.0 MAX(A,B,C,D)= 7.9 7.3 7.4 7.4
HA= 68.6 HI=108.3 GGW= 75.8 SL= 0.0 MAX(A,B,C,D)= 8.0 7.1 7.4 7.5
HA= 70.2 HI=108.3 GGW= 75.8 SL= 0.0 MAX(A,B,C,D)= 7.6 7.1 7.2 7.2
HA= 82.3 HI=108.3 GGW= 75.8 SL= 0.0 MAX(A,B,C,D)= 8.7 7.3 8.0 8.1
HA= 84.0 HI=108.3 GGW= 75.8 SL= 0.0 MAX(A,B,C,D)= 8.6 7.2 7.9 7.9
HA= 96.5 HI=108.3 GGW= 75.8 SL= 0.0 MAX(A,B,C,D)= 9.5 7.8 8.6 8.7
HA=100.4 HI=108.3 GGW= 75.8 SL= 0.0 MAX(A,B,C,D)= 9.0 7.6 8.2 8.2
HA=110.2 HI=108.3 GGW= 75.8 SL= 0.0 MAX(A,B,C,D)= 9.8 7.9 8.9 8.9
HA=114.5 HI=108.3 GGW= 75.8 SL= 0.0 MAX(A,B,C,D)= 9.6 7.9 8.7 8.7
HA=124.3 HI=108.3 GGW= 75.8 SL= 0.0 MAX(A,B,C,D)= 9.9 8.0 9.0 9.0
HA=130.9 HI=108.3 GGW= 75.8 SL= 0.0 MAX(A,B,C,D)= 9.7 7.9 8.9 8.9
HA=138.1 HI=108.3 GGW= 75.8 SL= 0.0 MAX(A,B,C,D)= 9.8 8.0 9.0 9.0
HA=145.0 HI=108.3 GGW= 75.8 SL= 0.0 MAX(A,B,C,D)= 9.9 8.0 9.0 9.0
HA=152.2 HI=108.3 GGW= 75.8 SL= 0.0 MAX(A,B,C,D)= 9.9 8.0 9.0 9.0
HA=161.4 HI=108.3 GGW= 75.8 SL= 0.0 MAX(A,B,C,D)= 9.8 8.0 8.9 8.9
HA=166.0 HI=108.3 GGW= 75.8 SL= 0.0 MAX(A,B,C,D)= 9.6 7.9 8.7 8.7
HA=175.5 HI=108.3 GGW= 75.8 SL= 0.0 MAX(A,B,C,D)= 9.5 7.8 8.6 8.7
HA=180.1 HI=108.3 GGW= 75.8 SL= 0.0 MAX(A,B,C,D)= 9.4 7.8 8.6 8.6
HA=191.9 HI=108.3 GGW= 75.8 SL= 0.0 MAX(A,B,C,D)= 9.2 7.7 8.4 8.4
HA=193.9 HI=108.3 GGW= 75.8 SL= 0.0 MAX(A,B,C,D)= 9.1 7.7 8.4 8.4
HA=205.7 HI=108.3 GGW= 75.8 SL= 0.0 MAX(A,B,C,D)= 9.0 7.3 8.3 8.3
HA=208.0 HI=108.3 GGW= 75.8 SL= 0.0 MAX(A,B,C,D)= 8.9 7.4 8.2 8.2
HA=219.8 HI=108.3 GGW= 75.8 SL= 0.0 MAX(A,B,C,D)= 8.7 7.3 8.1 8.1
HA= 40.7 HI=108.3 GGW= 75.8 SL= 0.0 MAX(A,B,C,D)= 7.0 6.7 6.6 6.6
HA= 54.5 HI=108.3 GGW= 75.8 SL= 0.0 MAX(A,B,C,D)= 7.7 6.9 7.2 7.2
HA= 68.6 HI=108.3 GGW= 75.8 SL= 0.0 MAX(A,B,C,D)= 7.8 6.9 7.3 7.3
HA= 82.3 HI=108.3 GGW= 75.8 SL= 0.0 MAX(A,B,C,D)= 8.3 7.1 7.7 7.7
HA= 96.5 HI=108.3 GGW= 75.8 SL= 0.0 MAX(A,B,C,D)= 9.2 7.7 8.4 8.4
HA=110.2 HI=108.3 GGW= 75.8 SL= 0.0 MAX(A,B,C,D)= 9.8 8.0 8.9 8.9
HA=124.3 HI=108.3 GGW= 75.8 SL= 0.0 MAX(A,B,C,D)= 9.8 7.9 8.9 8.9
HA=138.1 HI=108.3 GGW= 75.8 SL= 0.0 MAX(A,B,C,D)= 9.8 8.0 9.0 9.0
HA=152.2 HI=108.3 GGW= 75.8 SL= 0.0 MAX(A,B,C,D)= 9.8 8.0 8.9 8.9
HA=166.0 HI=108.3 GGW= 75.8 SL= 0.0 MAX(A,B,C,D)= 9.6 7.9 8.8 8.8
HA=180.1 HI=108.3 GGW= 75.8 SL= 0.0 MAX(A,B,C,D)= 9.5 7.8 8.7 8.7
HA=193.9 HI=108.3 GGW= 75.8 SL= 0.0 MAX(A,B,C,D)= 9.2 7.7 8.4 8.4
HA=208.0 HI=108.3 GGW= 75.8 SL= 0.0 MAX(A,B,C,D)= 8.9 7.6 8.3 8.3
HA= 40.7 HI=108.3 GGW= 75.8 SL= 0.0 MAX(A,B,C,D)= 6.5 6.5 5.9 6.1
HA= 54.5 HI=108.3 GGW= 75.8 SL= 0.0 MAX(A,B,C,D)= 7.0 6.7 6.6 6.7
HA= 68.6 HI=108.3 GGW= 75.8 SL= 0.0 MAX(A,B,C,D)= 6.9 6.6 6.5 6.5
HA= 82.3 HI=108.3 GGW= 75.8 SL= 0.0 MAX(A,B,C,D)= 7.8 6.9 7.3 7.3
HA= 96.5 HI=108.3 GGW= 75.8 SL= 0.0 MAX(A,B,C,D)= 8.6 7.2 7.9 8.0
HA=110.2 HI=108.3 GGW= 75.8 SL= 0.0 MAX(A,B,C,D)= 9.5 7.9 8.7 8.7
HA=124.3 HI=108.3 GGW= 75.8 SL= 0.0 MAX(A,B,C,D)= 9.8 7.9 8.9 8.9
HA=138.1 HI=108.3 GGW= 75.8 SL= 0.0 MAX(A,B,C,D)= 9.8 7.9 8.9 8.9
HA=152.2 HI=108.3 GGW= 75.8 SL= 0.0 MAX(A,B,C,D)= 9.8 8.0 8.9 8.9
HA=166.0 HI=108.3 GGW= 75.8 SL= 0.0 MAX(A,B,C,D)= 9.7 7.9 8.8 8.8
HA=180.1 HI=108.3 GGW= 75.8 SL= 0.0 MAX(A,B,C,D)= 9.5 7.8 8.7 8.7
HA=193.9 HI=108.3 GGW= 75.8 SL= 0.0 MAX(A,B,C,D)= 9.2 7.7 8.4 8.4
HA=208.0 HI=108.3 GGW= 75.8 SL= 0.0 MAX(A,B,C,D)= 9.0 7.7 8.3 8.3

HA= 40.7	HI=108.3	GGW= 68.6	SL= 0.0	MAX(A,B,C,D)= 7.3	7.1	6.9	6.9
HA= 54.5	HI=108.3	GGW= 68.6	SL= 0.0	MAX(A,B,C,D)= 8.0	6.9	7.5	7.5
HA= 68.6	HI=108.3	GGW= 68.6	SL= 0.0	MAX(A,B,C,D)= 8.1	6.9	7.5	7.6
HA= 70.2	HI=108.3	GGW= 68.6	SL= 0.0	MAX(A,B,C,D)= 7.8	6.7	7.3	7.3
HA= 82.3	HI=108.3	GGW= 68.6	SL= 0.0	MAX(A,B,C,D)= 8.8	7.5	8.1	8.1
HA= 84.0	HI=108.3	GGW= 68.6	SL= 0.0	MAX(A,B,C,D)= 8.6	7.3	7.9	8.0
HA= 96.5	HI=108.3	GGW= 68.6	SL= 0.0	MAX(A,B,C,D)= 9.5	7.7	8.6	8.7
HA=100.4	HI=108.3	GGW= 68.6	SL= 0.0	MAX(A,B,C,D)= 9.1	7.6	8.3	8.4
HA=110.2	HI=108.3	GGW= 68.6	SL= 0.0	MAX(A,B,C,D)= 9.4	7.7	8.6	8.6
HA=114.5	HI=108.3	GGW= 68.6	SL= 0.0	MAX(A,B,C,D)= 9.4	7.7	8.6	8.6
HA=124.3	HI=108.3	GGW= 68.6	SL= 0.0	MAX(A,B,C,D)= 9.4	7.7	8.6	8.7
HA=130.9	HI=108.3	GGW= 68.6	SL= 0.0	MAX(A,B,C,D)= 9.4	7.7	8.6	8.6
HA=138.1	HI=108.3	GGW= 68.6	SL= 0.0	MAX(A,B,C,D)= 9.5	7.8	8.6	8.7
HA=145.0	HI=108.3	GGW= 68.6	SL= 0.0	MAX(A,B,C,D)= 9.4	7.7	8.6	8.6
HA=152.2	HI=108.3	GGW= 68.6	SL= 0.0	MAX(A,B,C,D)= 9.4	7.7	8.6	8.6
HA=161.4	HI=108.3	GGW= 68.6	SL= 0.0	MAX(A,B,C,D)= 9.2	7.6	8.4	8.5
HA=166.0	HI=108.3	GGW= 68.6	SL= 0.0	MAX(A,B,C,D)= 9.1	7.6	8.3	8.3
HA=175.5	HI=108.3	GGW= 68.6	SL= 0.0	MAX(A,B,C,D)= 9.0	7.5	8.2	8.2
HA=180.1	HI=108.3	GGW= 68.6	SL= 0.0	MAX(A,B,C,D)= 8.8	7.5	8.1	8.1
HA=191.9	HI=108.3	GGW= 68.6	SL= 0.0	MAX(A,B,C,D)= 8.7	7.4	8.0	8.1
HA=193.9	HI=108.3	GGW= 68.6	SL= 0.0	MAX(A,B,C,D)= 8.7	7.4	8.0	8.0
HA=205.7	HI=108.3	GGW= 68.6	SL= 0.0	MAX(A,B,C,D)= 8.4	7.1	7.9	7.9
HA=208.0	HI=108.3	GGW= 68.6	SL= 0.0	MAX(A,B,C,D)= 8.4	7.1	7.8	7.9
HA=219.8	HI=108.3	GGW= 68.6	SL= 0.0	MAX(A,B,C,D)= 8.3	6.9	7.7	7.7
HA= 40.7	HI=108.3	GGW= 68.6	SL= 0.0	MAX(A,B,C,D)= 7.1	6.6	6.7	6.7
HA= 54.5	HI=108.3	GGW= 68.6	SL= 0.0	MAX(A,B,C,D)= 7.8	6.8	7.3	7.4
HA= 68.6	HI=108.3	GGW= 68.6	SL= 0.0	MAX(A,B,C,D)= 7.9	6.8	7.4	7.4
HA= 82.3	HI=108.3	GGW= 68.6	SL= 0.0	MAX(A,B,C,D)= 8.4	7.0	7.8	7.9
HA= 96.5	HI=108.3	GGW= 68.6	SL= 0.0	MAX(A,B,C,D)= 9.3	7.7	8.5	8.6
HA=110.2	HI=108.3	GGW= 68.6	SL= 0.0	MAX(A,B,C,D)= 9.4	7.7	8.6	8.6
HA=124.3	HI=108.3	GGW= 68.6	SL= 0.0	MAX(A,B,C,D)= 9.4	7.7	8.5	8.6
HA=138.1	HI=108.3	GGW= 68.6	SL= 0.0	MAX(A,B,C,D)= 9.4	7.7	8.6	8.6
HA=152.2	HI=108.3	GGW= 68.6	SL= 0.0	MAX(A,B,C,D)= 9.4	7.7	8.6	8.6
HA=166.0	HI=108.3	GGW= 68.6	SL= 0.0	MAX(A,B,C,D)= 9.2	7.6	8.4	8.4
HA=180.1	HI=108.3	GGW= 68.6	SL= 0.0	MAX(A,B,C,D)= 8.9	7.5	8.2	8.2
HA=193.9	HI=108.3	GGW= 68.6	SL= 0.0	MAX(A,B,C,D)= 8.7	7.4	8.0	8.0
HA=208.0	HI=108.3	GGW= 68.6	SL= 0.0	MAX(A,B,C,D)= 8.4	7.1	7.9	7.9
HA= 40.7	HI=108.3	GGW= 68.6	SL= 0.0	MAX(A,B,C,D)= 6.4	6.3	6.1	6.1
HA= 54.5	HI=108.3	GGW= 68.6	SL= 0.0	MAX(A,B,C,D)= 7.1	6.6	6.8	6.8
HA= 68.6	HI=108.3	GGW= 68.6	SL= 0.0	MAX(A,B,C,D)= 7.0	6.5	6.6	6.7
HA= 82.3	HI=108.3	GGW= 68.6	SL= 0.0	MAX(A,B,C,D)= 7.9	6.8	7.4	7.4
HA= 96.5	HI=108.3	GGW= 68.6	SL= 0.0	MAX(A,B,C,D)= 8.7	7.4	8.0	8.0
HA=110.2	HI=108.3	GGW= 68.6	SL= 0.0	MAX(A,B,C,D)= 9.4	7.7	8.6	8.6
HA=124.3	HI=108.3	GGW= 68.6	SL= 0.0	MAX(A,B,C,D)= 9.4	7.7	8.6	8.6
HA=138.1	HI=108.3	GGW= 68.6	SL= 0.0	MAX(A,B,C,D)= 9.4	7.7	8.6	8.6
HA=152.2	HI=108.3	GGW= 68.6	SL= 0.0	MAX(A,B,C,D)= 9.4	7.7	8.6	8.6
HA=166.0	HI=108.3	GGW= 68.6	SL= 0.0	MAX(A,B,C,D)= 9.2	7.6	8.4	8.5
HA=180.1	HI=108.3	GGW= 68.6	SL= 0.0	MAX(A,B,C,D)= 9.0	7.5	8.3	8.3
HA=193.9	HI=108.3	GGW= 68.6	SL= 0.0	MAX(A,B,C,D)= 8.7	7.4	8.0	8.0
HA=193.9	HI=108.3	GGW= 68.6	SL= 0.0	MAX(A,B,C,D)= 0.0	0.0	0.0	0.0
HA= 40.7	HI=108.3	GGW= 55.8	SL= 0.0	MAX(A,B,C,D)= 7.5	6.5	7.1	7.1
HA= 54.5	HI=108.3	GGW= 55.8	SL= 0.0	MAX(A,B,C,D)= 8.2	7.0	7.6	7.6
HA= 68.6	HI=108.3	GGW= 55.8	SL= 0.0	MAX(A,B,C,D)= 8.3	7.0	7.7	7.7
HA= 70.2	HI=108.3	GGW= 55.8	SL= 0.0	MAX(A,B,C,D)= 7.9	6.8	7.4	7.4

HA= 82.3 HI=108.3 GGW= 55.8 SL= 0.0 MAX(A,B,C,D)= 8.8 7.3 8.1 8.1
HA= 84.0 HI=108.3 GGW= 55.8 SL= 0.0 MAX(A,B,C,D)= 8.5 7.1 7.9 7.9
HA= 96.5 HI=108.3 GGW= 55.8 SL= 0.0 MAX(A,B,C,D)= 8.8 7.3 8.1 8.2
HA=100.4 HI=108.3 GGW= 55.8 SL= 0.0 MAX(A,B,C,D)= 8.8 7.2 8.2 8.2
HA=110.2 HI=108.3 GGW= 55.8 SL= 0.0 MAX(A,B,C,D)= 8.8 7.3 8.2 8.2
HA=114.5 HI=108.3 GGW= 55.8 SL= 0.0 MAX(A,B,C,D)= 8.7 7.2 8.1 8.1
HA=124.3 HI=108.3 GGW= 55.8 SL= 0.0 MAX(A,B,C,D)= 8.8 7.3 8.2 8.2
HA=130.9 HI=108.3 GGW= 55.8 SL= 0.0 MAX(A,B,C,D)= 8.8 7.3 8.1 8.2
HA=138.1 HI=108.3 GGW= 55.8 SL= 0.0 MAX(A,B,C,D)= 8.8 7.2 8.1 8.1
HA=145.0 HI=108.3 GGW= 55.8 SL= 0.0 MAX(A,B,C,D)= 8.7 7.2 8.0 8.0
HA=152.2 HI=108.3 GGW= 55.8 SL= 0.0 MAX(A,B,C,D)= 8.5 7.2 7.8 7.9
HA=161.4 HI=108.3 GGW= 55.8 SL= 0.0 MAX(A,B,C,D)= 8.4 7.1 7.8 7.8
HA=166.0 HI=108.3 GGW= 55.8 SL= 0.0 MAX(A,B,C,D)= 8.3 7.1 7.7 7.7
HA=175.5 HI=108.3 GGW= 55.8 SL= 0.0 MAX(A,B,C,D)= 8.2 7.0 7.6 7.6
HA=180.1 HI=108.3 GGW= 55.8 SL= 0.0 MAX(A,B,C,D)= 8.0 7.0 7.5 7.6
HA=191.9 HI=108.3 GGW= 55.8 SL= 0.0 MAX(A,B,C,D)= 7.9 6.7 7.5 7.5
HA=193.9 HI=108.3 GGW= 55.8 SL= 0.0 MAX(A,B,C,D)= 7.8 6.7 7.4 7.4
HA=205.7 HI=108.3 GGW= 55.8 SL= 0.0 MAX(A,B,C,D)= 7.7 6.6 7.3 7.3
HA=205.7 HI=108.3 GGW= 55.8 SL= 0.0 MAX(A,B,C,D)= 0.0 0.0 0.0 0.0
HA=205.7 HI=108.3 GGW= 55.8 SL= 0.0 MAX(A,B,C,D)= 0.0 0.0 0.0 0.0
HA= 40.7 HI=108.3 GGW= 55.8 SL= 0.0 MAX(A,B,C,D)= 7.3 6.4 6.9 6.9
HA= 54.5 HI=108.3 GGW= 55.8 SL= 0.0 MAX(A,B,C,D)= 8.0 6.9 7.4 7.5
HA= 68.6 HI=108.3 GGW= 55.8 SL= 0.0 MAX(A,B,C,D)= 8.1 6.9 7.5 7.5
HA= 82.3 HI=108.3 GGW= 55.8 SL= 0.0 MAX(A,B,C,D)= 8.6 7.1 8.0 8.0
HA= 96.5 HI=108.3 GGW= 55.8 SL= 0.0 MAX(A,B,C,D)= 8.8 7.3 8.1 8.2
HA=110.2 HI=108.3 GGW= 55.8 SL= 0.0 MAX(A,B,C,D)= 8.8 7.3 8.1 8.1
HA=124.3 HI=108.3 GGW= 55.8 SL= 0.0 MAX(A,B,C,D)= 8.8 7.3 8.1 8.2
HA=138.1 HI=108.3 GGW= 55.8 SL= 0.0 MAX(A,B,C,D)= 8.8 7.3 8.1 8.2
HA=152.2 HI=108.3 GGW= 55.8 SL= 0.0 MAX(A,B,C,D)= 8.6 7.2 8.0 8.0
HA=166.0 HI=108.3 GGW= 55.8 SL= 0.0 MAX(A,B,C,D)= 8.4 7.1 7.7 7.8
HA=180.1 HI=108.3 GGW= 55.8 SL= 0.0 MAX(A,B,C,D)= 8.1 7.0 7.5 7.6
HA=193.9 HI=108.3 GGW= 55.8 SL= 0.0 MAX(A,B,C,D)= 7.9 6.8 7.4 7.4
HA=193.9 HI=108.3 GGW= 55.8 SL= 0.0 MAX(A,B,C,D)= 0.0 0.0 0.0 0.0
HA= 40.7 HI=108.3 GGW= 55.8 SL= 0.0 MAX(A,B,C,D)= 6.6 6.2 6.3 6.3
HA= 54.5 HI=108.3 GGW= 55.8 SL= 0.0 MAX(A,B,C,D)= 7.4 6.5 7.0 7.0
HA= 68.6 HI=108.3 GGW= 55.8 SL= 0.0 MAX(A,B,C,D)= 7.3 6.4 6.8 6.9
HA= 82.3 HI=108.3 GGW= 55.8 SL= 0.0 MAX(A,B,C,D)= 8.0 6.9 7.5 7.5
HA= 96.5 HI=108.3 GGW= 55.8 SL= 0.0 MAX(A,B,C,D)= 8.7 7.2 8.1 8.1
HA=110.2 HI=108.3 GGW= 55.8 SL= 0.0 MAX(A,B,C,D)= 8.7 7.2 8.1 8.1
HA=124.3 HI=108.3 GGW= 55.8 SL= 0.0 MAX(A,B,C,D)= 8.7 7.3 8.1 8.1
HA=138.1 HI=108.3 GGW= 55.8 SL= 0.0 MAX(A,B,C,D)= 8.8 7.2 8.1 8.2
HA=152.2 HI=108.3 GGW= 55.8 SL= 0.0 MAX(A,B,C,D)= 8.6 7.2 7.9 7.9
HA=166.0 HI=108.3 GGW= 55.8 SL= 0.0 MAX(A,B,C,D)= 8.4 7.1 7.8 7.8
HA=180.1 HI=108.3 GGW= 55.8 SL= 0.0 MAX(A,B,C,D)= 8.2 7.0 7.6 7.6
HA=180.1 HI=108.3 GGW= 55.8 SL= 0.0 MAX(A,B,C,D)= 0.0 0.0 0.0 0.0
HA=180.1 HI=108.3 GGW= 55.8 SL= 0.0 MAX(A,B,C,D)= 0.0 0.0 0.0 0.0
HA= 40.7 HI=108.3 GGW= 48.7 SL= 0.0 MAX(A,B,C,D)= 7.6 6.6 7.1 7.2
HA= 54.5 HI=108.3 GGW= 48.7 SL= 0.0 MAX(A,B,C,D)= 8.3 7.0 7.7 7.7
HA= 68.6 HI=108.3 GGW= 48.7 SL= 0.0 MAX(A,B,C,D)= 8.4 6.9 7.8 7.8
HA= 70.2 HI=108.3 GGW= 48.7 SL= 0.0 MAX(A,B,C,D)= 8.1 6.8 7.5 7.5
HA= 82.3 HI=108.3 GGW= 48.7 SL= 0.0 MAX(A,B,C,D)= 8.5 7.0 8.0 8.0
HA= 84.0 HI=108.3 GGW= 48.7 SL= 0.0 MAX(A,B,C,D)= 8.4 6.9 7.9 7.9
HA= 96.5 HI=108.3 GGW= 48.7 SL= 0.0 MAX(A,B,C,D)= 8.5 7.0 7.9 7.9
HA=100.4 HI=108.3 GGW= 48.7 SL= 0.0 MAX(A,B,C,D)= 8.5 6.9 7.9 8.0

HA=110.2 HI=108.3 GGW= 48.7 SL= 0.0 MAX(A,B,C,D)= 8.4 7.0 7.8 7.9
HA=114.5 HI=108.3 GGW= 48.7 SL= 0.0 MAX(A,B,C,D)= 8.4 7.0 7.8 7.9
HA=124.3 HI=108.3 GGW= 48.7 SL= 0.0 MAX(A,B,C,D)= 8.5 7.0 7.9 7.9
HA=130.9 HI=108.3 GGW= 48.7 SL= 0.0 MAX(A,B,C,D)= 8.4 7.0 7.8 7.8
HA=138.1 HI=108.3 GGW= 48.7 SL= 0.0 MAX(A,B,C,D)= 8.2 6.9 7.7 7.7
HA=145.0 HI=108.3 GGW= 48.7 SL= 0.0 MAX(A,B,C,D)= 8.2 6.9 7.6 7.6
HA=152.2 HI=108.3 GGW= 48.7 SL= 0.0 MAX(A,B,C,D)= 8.1 6.9 7.5 7.6
HA=161.4 HI=108.3 GGW= 48.7 SL= 0.0 MAX(A,B,C,D)= 7.9 6.8 7.4 7.4
HA=166.0 HI=108.3 GGW= 48.7 SL= 0.0 MAX(A,B,C,D)= 7.9 6.8 7.4 7.4
HA=175.5 HI=108.3 GGW= 48.7 SL= 0.0 MAX(A,B,C,D)= 7.7 6.7 7.3 7.3
HA=180.1 HI=108.3 GGW= 48.7 SL= 0.0 MAX(A,B,C,D)= 7.6 6.7 7.2 7.2
HA=191.9 HI=108.3 GGW= 48.7 SL= 0.0 MAX(A,B,C,D)= 7.4 6.4 7.1 7.1
HA=193.9 HI=108.3 GGW= 48.7 SL= 0.0 MAX(A,B,C,D)= 7.4 6.4 7.1 7.1
HA=193.9 HI=108.3 GGW= 48.7 SL= 0.0 MAX(A,B,C,D)= 0.0 0.0 0.0 0.0
HA=193.9 HI=108.3 GGW= 48.7 SL= 0.0 MAX(A,B,C,D)= 0.0 0.0 0.0 0.0
HA=193.9 HI=108.3 GGW= 48.7 SL= 0.0 MAX(A,B,C,D)= 0.0 0.0 0.0 0.0
HA= 40.7 HI=108.3 GGW= 48.7 SL= 0.0 MAX(A,B,C,D)= 7.4 6.4 7.0 7.0
HA= 54.5 HI=108.3 GGW= 48.7 SL= 0.0 MAX(A,B,C,D)= 8.1 6.8 7.6 7.6
HA= 68.6 HI=108.3 GGW= 48.7 SL= 0.0 MAX(A,B,C,D)= 8.2 6.9 7.6 7.6
HA= 82.3 HI=108.3 GGW= 48.7 SL= 0.0 MAX(A,B,C,D)= 8.4 6.9 7.8 7.8
HA= 96.5 HI=108.3 GGW= 48.7 SL= 0.0 MAX(A,B,C,D)= 8.4 7.0 7.8 7.9
HA=110.2 HI=108.3 GGW= 48.7 SL= 0.0 MAX(A,B,C,D)= 8.4 7.0 7.8 7.8
HA=124.3 HI=108.3 GGW= 48.7 SL= 0.0 MAX(A,B,C,D)= 8.4 7.0 7.8 7.8
HA=138.1 HI=108.3 GGW= 48.7 SL= 0.0 MAX(A,B,C,D)= 8.3 7.0 7.7 7.7
HA=152.2 HI=108.3 GGW= 48.7 SL= 0.0 MAX(A,B,C,D)= 8.1 6.8 7.6 7.6
HA=166.0 HI=108.3 GGW= 48.7 SL= 0.0 MAX(A,B,C,D)= 7.9 6.8 7.4 7.4
HA=180.1 HI=108.3 GGW= 48.7 SL= 0.0 MAX(A,B,C,D)= 7.7 6.7 7.2 7.3
HA=180.1 HI=108.3 GGW= 48.7 SL= 0.0 MAX(A,B,C,D)= 0.0 0.0 0.0 0.0
HA=180.1 HI=108.3 GGW= 48.7 SL= 0.0 MAX(A,B,C,D)= 0.0 0.0 0.0 0.0
HA= 40.7 HI=108.3 GGW= 48.7 SL= 0.0 MAX(A,B,C,D)= 6.7 6.1 6.4 6.5
HA= 54.5 HI=108.3 GGW= 48.7 SL= 0.0 MAX(A,B,C,D)= 7.5 6.3 7.1 7.1
HA= 68.6 HI=108.3 GGW= 48.7 SL= 0.0 MAX(A,B,C,D)= 7.3 6.3 7.0 7.0
HA= 82.3 HI=108.3 GGW= 48.7 SL= 0.0 MAX(A,B,C,D)= 8.2 6.9 7.6 7.6
HA= 96.5 HI=108.3 GGW= 48.7 SL= 0.0 MAX(A,B,C,D)= 8.4 7.0 7.8 7.8
HA=110.2 HI=108.3 GGW= 48.7 SL= 0.0 MAX(A,B,C,D)= 8.4 7.0 7.8 7.8
HA=124.3 HI=108.3 GGW= 48.7 SL= 0.0 MAX(A,B,C,D)= 8.4 7.0 7.9 7.9
HA=138.1 HI=108.3 GGW= 48.7 SL= 0.0 MAX(A,B,C,D)= 8.4 6.9 7.8 7.8
HA=152.2 HI=108.3 GGW= 48.7 SL= 0.0 MAX(A,B,C,D)= 8.1 6.8 7.6 7.6
HA=166.0 HI=108.3 GGW= 48.7 SL= 0.0 MAX(A,B,C,D)= 7.9 6.8 7.4 7.4
HA=180.1 HI=108.3 GGW= 48.7 SL= 0.0 MAX(A,B,C,D)= 7.7 6.7 7.2 7.3
HA=180.1 HI=108.3 GGW= 48.7 SL= 0.0 MAX(A,B,C,D)= 0.0 0.0 0.0 0.0
HA=180.1 HI=108.3 GGW= 48.7 SL= 0.0 MAX(A,B,C,D)= 0.0 0.0 0.0 0.0
HA= 40.7 HI=108.3 GGW= 39.7 SL= 0.0 MAX(A,B,C,D)= 7.8 6.6 7.3 7.3
HA= 54.5 HI=108.3 GGW= 39.7 SL= 0.0 MAX(A,B,C,D)= 8.0 6.7 7.5 7.6
HA= 68.6 HI=108.3 GGW= 39.7 SL= 0.0 MAX(A,B,C,D)= 8.0 6.6 7.6 7.7
HA= 70.2 HI=108.3 GGW= 39.7 SL= 0.0 MAX(A,B,C,D)= 7.9 6.6 7.5 7.5
HA= 82.3 HI=108.3 GGW= 39.7 SL= 0.0 MAX(A,B,C,D)= 8.0 6.7 7.6 7.6
HA= 84.0 HI=108.3 GGW= 39.7 SL= 0.0 MAX(A,B,C,D)= 8.0 6.6 7.6 7.6
HA= 96.5 HI=108.3 GGW= 39.7 SL= 0.0 MAX(A,B,C,D)= 8.0 6.7 7.5 7.5
HA=100.4 HI=108.3 GGW= 39.7 SL= 0.0 MAX(A,B,C,D)= 8.0 6.7 7.5 7.5
HA=110.2 HI=108.3 GGW= 39.7 SL= 0.0 MAX(A,B,C,D)= 8.0 6.7 7.5 7.6
HA=114.5 HI=108.3 GGW= 39.7 SL= 0.0 MAX(A,B,C,D)= 8.0 6.7 7.5 7.6
HA=124.3 HI=108.3 GGW= 39.7 SL= 0.0 MAX(A,B,C,D)= 7.9 6.7 7.4 7.4
HA=130.9 HI=108.3 GGW= 39.7 SL= 0.0 MAX(A,B,C,D)= 7.8 6.6 7.3 7.3

HA=138.1	HI=108.3	GGW= 39.7	SL= 0.0	MAX(A,B,C,D)= 7.7	6.6	7.2	7.3
HA=145.0	HI=108.3	GGW= 39.7	SL= 0.0	MAX(A,B,C,D)= 7.6	6.6	7.2	7.2
HA=152.2	HI=108.3	GGW= 39.7	SL= 0.0	MAX(A,B,C,D)= 7.5	6.5	7.1	7.1
HA=161.4	HI=108.3	GGW= 39.7	SL= 0.0	MAX(A,B,C,D)= 7.4	6.5	7.0	7.0
HA=166.0	HI=108.3	GGW= 39.7	SL= 0.0	MAX(A,B,C,D)= 7.3	6.4	6.9	6.9
HA=175.5	HI=108.3	GGW= 39.7	SL= 0.0	MAX(A,B,C,D)= 7.2	6.4	6.8	6.8
HA=180.1	HI=108.3	GGW= 39.7	SL= 0.0	MAX(A,B,C,D)= 7.1	6.3	6.8	6.8
HA=180.1	HI=108.3	GGW= 39.7	SL= 0.0	MAX(A,B,C,D)= 0.0	0.0	0.0	0.0
HA=180.1	HI=108.3	GGW= 39.7	SL= 0.0	MAX(A,B,C,D)= 0.0	0.0	0.0	0.0
HA=180.1	HI=108.3	GGW= 39.7	SL= 0.0	MAX(A,B,C,D)= 0.0	0.0	0.0	0.0
HA=180.1	HI=108.3	GGW= 39.7	SL= 0.0	MAX(A,B,C,D)= 0.0	0.0	0.0	0.0
HA= 40.7	HI=108.3	GGW= 39.7	SL= 0.0	MAX(A,B,C,D)= 7.5	6.5	7.1	7.1
HA= 54.5	HI=108.3	GGW= 39.7	SL= 0.0	MAX(A,B,C,D)= 8.0	6.7	7.5	7.5
HA= 68.6	HI=108.3	GGW= 39.7	SL= 0.0	MAX(A,B,C,D)= 7.9	6.6	7.5	7.5
HA= 82.3	HI=108.3	GGW= 39.7	SL= 0.0	MAX(A,B,C,D)= 8.0	6.7	7.6	7.6
HA= 96.5	HI=108.3	GGW= 39.7	SL= 0.0	MAX(A,B,C,D)= 7.9	6.6	7.5	7.5
HA=110.2	HI=108.3	GGW= 39.7	SL= 0.0	MAX(A,B,C,D)= 8.0	6.7	7.5	7.5
HA=124.3	HI=108.3	GGW= 39.7	SL= 0.0	MAX(A,B,C,D)= 7.9	6.7	7.5	7.5
HA=138.1	HI=108.3	GGW= 39.7	SL= 0.0	MAX(A,B,C,D)= 7.7	6.6	7.3	7.3
HA=152.2	HI=108.3	GGW= 39.7	SL= 0.0	MAX(A,B,C,D)= 7.5	6.5	7.1	7.1
HA=166.0	HI=108.3	GGW= 39.7	SL= 0.0	MAX(A,B,C,D)= 7.3	6.4	6.9	6.9
HA=166.0	HI=108.3	GGW= 39.7	SL= 0.0	MAX(A,B,C,D)= 0.0	0.0	0.0	0.0
HA=166.0	HI=108.3	GGW= 39.7	SL= 0.0	MAX(A,B,C,D)= 0.0	0.0	0.0	0.0
HA=166.0	HI=108.3	GGW= 39.7	SL= 0.0	MAX(A,B,C,D)= 0.0	0.0	0.0	0.0
HA= 40.7	HI=108.3	GGW= 39.7	SL= 0.0	MAX(A,B,C,D)= 6.8	6.0	6.6	6.6
HA= 54.5	HI=108.3	GGW= 39.7	SL= 0.0	MAX(A,B,C,D)= 7.6	6.5	7.1	7.2
HA= 68.6	HI=108.3	GGW= 39.7	SL= 0.0	MAX(A,B,C,D)= 7.5	6.5	7.0	7.0
HA= 82.3	HI=108.3	GGW= 39.7	SL= 0.0	MAX(A,B,C,D)= 8.0	6.7	7.5	7.5
HA= 96.5	HI=108.3	GGW= 39.7	SL= 0.0	MAX(A,B,C,D)= 8.0	6.6	7.5	7.6
HA=110.2	HI=108.3	GGW= 39.7	SL= 0.0	MAX(A,B,C,D)= 7.9	6.6	7.5	7.5
HA=124.3	HI=108.3	GGW= 39.7	SL= 0.0	MAX(A,B,C,D)= 8.0	6.6	7.5	7.5
HA=138.1	HI=108.3	GGW= 39.7	SL= 0.0	MAX(A,B,C,D)= 7.8	6.6	7.3	7.3
HA=152.2	HI=108.3	GGW= 39.7	SL= 0.0	MAX(A,B,C,D)= 7.6	6.5	7.1	7.2
HA=166.0	HI=108.3	GGW= 39.7	SL= 0.0	MAX(A,B,C,D)= 7.4	6.4	7.0	7.0
HA=166.0	HI=108.3	GGW= 39.7	SL= 0.0	MAX(A,B,C,D)= 0.0	0.0	0.0	0.0
HA=166.0	HI=108.3	GGW= 39.7	SL= 0.0	MAX(A,B,C,D)= 0.0	0.0	0.0	0.0
HA=166.0	HI=108.3	GGW= 39.7	SL= 0.0	MAX(A,B,C,D)= 0.0	0.0	0.0	0.0

MAX(A,B,C,D)= 9.9 8.0 9.0 9.0