

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

14.10.2003, 15:37:22

Eingabedatei: ilam.dat

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

Tabellendat.: /berechnung/tabellen/ac/ac200-1/serie_3/pc_tab/22137312_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    = 55.8 ft
Main boom sequence = 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		
9.8	33.1	45	45	75	75	29	76	49	85(59)	34	89	38	80
		50	93	32	65(128)	77	77	42	42	93	50	65	32(232)
11.5	32.6	46	46	74	74	32	75	50	83(59)	36	86	39	78
		50	90	34	64(128)	76	76	43	43	90	50	64	34(232)
13.1	32.2	47	47	72	72	34	74	50	81(59)	38	84	41	76
		51	88	36	64(128)	75	75	45	45	88	51	64	36(232)
14.8	31.5	48	48	71	71	36	73	51	79(59)	39	82	42	75
		52	85	38	63(128)	73	73	46	46	85	52	63	38(232)
16.4	30.9	49	49	70	70	38	71	51	77(59)	41	80	43	73
		52	83	39	63(128)	72	72	47	47	83	52	63	39(232)
19.7	29.8	51	51	67	67	42	69	52	73(59)	44	76	46	70
		54	78	43	62(128)	70	70	49	49	78	54	62	43(232)
23.0	28.2	52	52	65	65	45	67	53	70(59)	47	72	48	67
		54	74	45	61(128)	67	67	50	50	74	54	61	45(232)
26.2	26.9	54	54	63	63	48	65	54	67(59)	50	69	50	65
		55	71	48	60(128)	65	65	52	52	71	55	60	48(232)
29.5	25.4	55	55	61	61	51	63	54	64(59)	52	66	52	62
		56	67	50	59(128)	63	63	53	53	67	56	59	50(232)
32.8	24.0	56	56	59	59	53	61	55	61(59)	54	63	53	60
		57	64	52	58(128)	61	61	54	54	64	57	58	52(232)
39.4	21.8	58	58	56	56	58	58	56	56(59)	58	58	56	56
		58	58	56	56(127)	58	58	56	56	58	58	56	56(232)
45.9	19.8	60	60	53	53	62	55	57	52(59)	62	53	59	52
		59	52	60	55(128)	55	55	58	58	52	59	55	60(232)

52.5	18.1	62	62	51	51	66	52	58	48(59)	65	49	61	49
		60	48	63	54(128)	52	52	60	60	48	60	54	63(232)
59.1	16.8	63	63	48	48	63	63	48	48(0)	68	45	64	46
		68	45	64	46(90)	50	50	62	62	45	68	46	64(270)
65.6	15.4	65	65	46	46	69	60	50	43(17)	71	41	66	44
		71	41	66	44(90)	47	47	63	63	41	71	44	66(269)
72.2	14.3	66	66	44	44	73	58	51	39(25)	74	38	68	41
		72	37	69	42(97)	45	45	65	65	37	72	43	69(262)
78.7	13.7	68	68	41	41	78	55	52	35(32)	77	34	71	38
		74	32	73	41(103)	43	43	67	67	32	73	41	73(256)

HA= 40.7 HI= 55.8 GGW= 75.8 SL= 0.0 MAX(A,B,C,D)= 8.6 8.6 7.0 7.9

Main boom and fixed jib (jib angle 0.0 degrees)

Length of main boom = 54.5 ft Length of jib = 55.8 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)		6(...)						
	A	B	C	D	A	B	C	D					
13.1	30.9	46	46	73	73	33	74	50	81(59)	37	84	40	77
		50	88	35	64(128)	75	75	44	44	88	50	64	35(232)
14.8	30.4	47	47	71	71	35	73	50	79(59)	38	82	41	75
		51	86	37	63(128)	73	73	45	45	86	51	63	37(232)
16.4	30.0	48	48	70	70	37	71	51	77(59)	40	80	43	73
		52	84	39	63(128)	72	72	46	46	84	52	63	39(232)
19.7	29.1	50	50	67	67	41	69	52	74(59)	44	77	45	70
		53	79	42	62(128)	70	70	48	48	79	53	62	42(232)
23.0	28.2	52	52	65	65	45	67	53	70(59)	47	73	48	67
		54	75	45	61(128)	67	67	50	50	75	54	61	45(232)
26.2	27.1	54	54	63	63	48	65	54	67(59)	50	69	50	65
		55	71	48	60(128)	65	65	52	52	71	55	60	48(232)
29.5	26.0	55	55	61	61	51	63	55	64(59)	52	66	52	62
		56	67	50	59(128)	63	63	53	53	67	56	59	50(232)
32.8	24.9	56	56	59	59	54	61	56	61(59)	55	63	54	60
		57	63	53	58(128)	61	61	54	54	63	57	58	53(232)
39.4	22.5	58	58	56	56	59	58	56	56(59)	59	58	57	56
		58	58	57	56(127)	58	58	57	57	58	58	56	57(232)
45.9	20.9	61	61	53	53	64	55	58	51(59)	63	52	60	52
		60	52	61	55(128)	55	55	59	59	52	60	55	61(232)
52.5	19.2	63	63	50	50	68	52	59	47(59)	66	48	63	49
		61	47	64	54(128)	52	52	61	61	47	61	54	64(232)
59.1	17.6	64	64	48	48	66	63	49	47(7)	69	44	65	46
		69	44	65	46(90)	49	49	63	63	44	69	46	65(270)
65.6	16.5	66	66	45	45	71	60	50	41(21)	73	40	67	43
		72	39	68	43(94)	47	47	65	65	39	72	43	68(265)
72.2	15.4	68	68	43	43	76	57	52	37(28)	76	37	70	40
		73	35	72	42(100)	45	45	67	67	35	73	42	72(259)
78.7	14.6	69	69	41	41	80	55	53	34(33)	79	33	72	37
		75	30	75	41(104)	42	42	68	68	30	75	41	75(255)
85.3	13.7	71	71	39	39	83	53	54	30(36)	82	30	74	35
		76	26	78	40(107)	40	40	70	70	26	76	40	78(252)

91.9 12.8 72 72 37 37 87 50 55 27(39) 84 27 76 32
 77 23 80 39(109) 38 38 71 71 23 77 39 80(250)

HA= 54.5 HI= 55.8 GGW= 75.8 SL= 0.0 MAX(A,B,C,D)= 8.2 8.2 7.5 7.5

Main boom and fixed jib (jib angle 0.0 degrees)
 Length of main boom = 68.6 ft Length of jib = 55.8 ft
 Main boom sequence = 0-0-0-0-0-90 % LK = 13
 Counterweight = 75.8 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
	1(0)				2(...)								
	3(90)				4(...)								
	A	B	C	D	A	B	C	D	A	B	C	D	
16.4	28.2	47	47	70	70	35	71	50	78(59)	39	81	41	74
		51	84	37	63(128)	72	72	45	45	84	51	63	37(232)
19.7	27.6	49	49	68	68	39	69	51	74(59)	42	77	44	71
		52	80	41	62(128)	70	70	47	47	80	52	62	41(232)
23.0	26.9	51	51	66	66	43	67	52	71(59)	45	73	47	68
		54	76	44	61(128)	68	68	49	49	76	54	61	44(232)
26.2	26.2	53	53	63	63	47	65	54	67(59)	49	70	49	65
		55	71	47	60(128)	65	65	51	51	71	55	60	47(232)
29.5	25.6	55	55	62	62	50	63	54	64(59)	52	66	51	63
		56	68	50	59(128)	63	63	53	53	68	56	59	50(232)
32.8	24.5	56	56	60	60	53	61	55	61(59)	54	63	53	60
		57	64	52	58(128)	62	62	54	54	64	57	58	52(232)
39.4	22.7	58	58	56	56	59	58	57	56(59)	59	58	57	56
		58	58	57	56(127)	58	58	57	57	58	58	56	57(232)
45.9	20.9	61	61	53	53	63	55	58	51(59)	63	53	60	52
		60	52	61	55(128)	55	55	59	59	52	60	55	61(232)
52.5	19.2	62	62	50	50	67	52	59	47(59)	66	49	62	49
		61	47	64	54(128)	52	52	61	61	47	61	54	64(232)
59.1	17.2	63	63	49	49	70	50	59	44(59)	68	45	64	47
		68	45	64	47(90)	50	50	62	62	45	68	47	64(270)
65.6	15.2	64	64	47	47	66	62	49	45(10)	69	43	65	45
		69	43	65	45(90)	48	48	63	63	43	69	45	65(270)
72.2	13.9	65	65	45	45	70	59	50	42(20)	71	40	67	43
		71	40	67	43(92)	46	46	64	64	39	71	43	67(267)
78.7	12.8	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)
85.3	11.9	67	67	42	42	76	55	51	35(30)	76	34	70	38
		73	32	72	41(102)	43	43	67	67	32	73	41	72(257)
91.9	10.8	68	68	40	40	78	54	52	33(33)	77	32	71	37
		73	30	74	40(104)	41	41	67	67	30	73	41	74(255)
98.4	10.1	69	69	39	39	81	52	52	30(35)	80	30	73	35
		75	26	76	39(106)	40	40	69	69	26	74	40	76(253)
105.0	9.5	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)
111.5	8.8	71	71	36	36	86	49	54	26(39)	83	25	76	31
		76	21	80	38(109)	37	37	71	71	21	76	38	80(250)

HA= 68.6 HI= 55.8 GGW= 75.8 SL= 0.0 MAX(A,B,C,D)= 8.0 7.8 7.4 7.5

Main boom and fixed jib (jib angle 0.0 degrees)

Length of main boom = 70.2 ft Length of jib = 55.8 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)				
		A	B	C	D	A	B	C	D	A	B	C	D	
16.4	28.0	47	47	70	70	35	71	50	78(59)	38	81	41	74	
		51	84	37	63(128)	72	72	45	45	84	51	63	37(232)	
19.7	27.3	49	49	68	68	39	69	51	74(59)	42	77	44	71	
		52	80	40	62(128)	70	70	47	47	80	52	62	40(232)	
23.0	26.7	51	51	66	66	43	67	52	71(59)	45	74	47	68	
		53	76	44	61(128)	68	68	49	49	76	53	61	44(232)	
26.2	26.0	53	53	63	63	47	65	53	67(59)	48	70	49	65	
		55	72	47	60(128)	66	66	51	51	72	55	60	47(232)	
29.5	25.4	54	54	62	62	50	63	54	64(59)	51	67	51	63	
		56	68	50	59(128)	63	63	52	52	68	56	59	50(232)	
32.8	24.0	56	56	60	60	52	62	55	62(59)	53	64	53	61	
		56	65	52	58(128)	62	62	54	54	65	56	58	52(232)	
39.4	21.4	57	57	57	57	56	58	56	57(59)	57	59	55	57	
		57	59	55	56(127)	59	59	55	55	59	57	56	55(232)	
45.9	18.5	58	58	55	55	59	56	56	54(59)	58	56	57	54	
		58	55	57	55(127)	56	56	56	56	55	58	55	57(232)	
52.5	17.0	60	60	52	52	63	54	57	50(59)	62	51	59	51	
		59	51	60	54(128)	54	54	58	58	51	59	54	60(232)	
59.1	15.2	61	61	50	50	65	52	58	47(59)	64	48	61	49	
		59	47	62	53(128)	51	51	59	59	47	59	53	62(232)	
65.6	13.4	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)	
72.2	12.1	62	62	47	47	63	62	47	47(2)	67	43	63	45	
		67	43	63	45(90)	48	48	61	61	43	67	45	63(270)	
78.7	11.2	63	63	45	45	67	59	49	43(16)	69	40	65	43	
		69	40	65	43(90)	46	46	63	63	40	69	43	65(270)	
85.3	10.4	65	65	44	44	71	57	50	39(23)	71	38	67	41	
		71	37	67	42(95)	45	45	64	64	37	70	42	67(264)	
91.9	9.5	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)	
98.4	8.8	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)	
105.0	8.2	68	68	39	39	78	53	51	32(33)	77	31	71	36	
		73	28	74	39(104)	40	40	67	67	28	73	40	74(255)	
111.5	7.7	69	69	38	38	81	51	52	30(36)	79	28	73	34	
		74	25	76	39(107)	39	39	68	68	25	73	39	76(252)	

HA= 70.2 HI= 55.8 GGW= 75.8 SL= 0.0 MAX(A,B,C,D)= 7.8 7.8 7.1 7.3

Main boom and fixed jib (jib angle 0.0 degrees)
 Length of main boom = 82.3 ft Length of jib = 55.8 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)			
		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	
19.7	26.7	49	49	68	68	39	69	51	74(59)	41	77	44	71
		52	80	40	62(128)	70	70	47	47	80	52	62	40(232)
23.0	26.0	50	50	66	66	42	67	52	71(59)	45	74	46	68
		53	76	43	60(128)	68	68	49	49	76	53	60	43(232)
26.2	25.4	52	52	63	63	46	65	53	68(59)	48	70	49	65
		54	72	46	60(128)	65	65	50	50	72	54	60	46(232)
29.5	24.9	54	54	62	62	50	63	54	64(59)	51	67	51	63
		56	68	49	59(128)	63	63	52	52	68	56	59	49(232)
32.8	24.3	56	56	60	60	53	61	55	61(59)	54	63	53	60
		57	64	52	58(128)	62	62	54	54	64	57	58	52(232)
39.4	22.9	59	59	56	56	60	58	57	56(59)	59	57	57	56
		59	57	58	56(127)	58	58	57	57	57	59	56	58(232)
45.9	21.4	61	61	53	53	65	55	58	50(59)	64	52	61	52
		60	51	62	55(128)	54	54	60	60	51	60	55	62(232)
52.5	19.8	63	63	50	50	69	52	59	46(59)	68	47	63	48
		68	47	63	48(90)	51	51	62	62	47	68	48	63(270)
59.1	18.3	65	65	47	47	68	62	50	45(13)	71	43	66	45
		71	43	66	45(90)	49	49	64	64	43	71	45	66(270)
65.6	16.8	67	67	45	45	72	59	51	41(23)	73	40	68	42
		73	39	69	43(95)	47	47	65	65	39	72	43	69(264)
72.2	15.2	67	67	43	43	75	57	52	38(28)	75	37	69	40
		73	35	71	42(99)	45	45	66	66	35	73	42	71(260)
78.7	13.9	69	69	42	42	78	56	52	35(31)	77	34	71	38
		74	32	73	41(103)	43	43	67	67	32	74	42	74(256)
85.3	13.0	70	70	40	40	81	53	53	32(35)	80	31	73	36
		75	28	76	40(106)	41	41	69	69	28	75	41	77(253)
91.9	12.1	71	71	38	38	84	52	54	29(37)	82	28	75	34
		76	24	79	39(108)	39	39	70	70	24	76	40	79(251)
98.4	11.2	72	72	37	37	87	50	54	26(39)	84	26	76	32
		77	22	81	39(109)	37	37	71	71	21	77	39	81(250)
105.0	10.6	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	9.9	75	75	33	33	92	47	56	21(42)	89	21	80	28
		78	15	85	37(112)	34	34	74	74	15	78	38	85(247)
118.1	9.5	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)
124.7	8.8	77	77	30	30	97	46	55	17(41)	93	16	83	24
		80	10	89	36(114)	31	31	76	76	10	79	37	90(245)

HA= 82.3 HI= 55.8 GGW= 75.8 SL= 0.0 MAX(A,B,C,D)= 9.0 7.4 8.3 8.3

Main boom and fixed jib (jib angle 0.0 degrees)
Length of main boom = 84.0 ft Length of jib = 55.8 ft
Main boom sequence = 0-0-0-0-45-100 % LK = 21
Counterweight = 75.8 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
	1(0)	2(...)			3(90)								
	4(...)				5(180)				6(...)				
	A	B	C	D	A	B	C	D	A	B	C	D	
19.7	26.2	49	49	68	68	38	69	51	75(59)	41	77	43	71
		52	80	40	62(128)	70	70	46	46	80	52	62	40(232)

23.0	25.8	50	50	66	66	42	67	52	71(59)	45	74	46	68
		53	76	43	60(128)	68	68	49	49	76	53	60	43(232)
26.2	25.1	52	52	64	64	46	65	53	68(59)	48	70	48	65
		54	72	46	60(128)	66	66	50	50	72	54	60	46(232)
29.5	24.7	54	54	62	62	50	63	54	65(59)	51	67	51	63
		55	68	49	59(128)	63	63	52	52	68	55	59	49(232)
32.8	24.0	56	56	60	60	53	61	55	62(59)	54	63	53	60
		56	64	52	58(128)	62	62	54	54	64	56	58	52(232)
39.4	22.0	58	58	56	56	58	58	56	56(59)	58	58	56	56
		58	58	56	56(127)	58	58	56	56	58	58	56	56(232)
45.9	20.1	60	60	53	53	62	55	57	52(59)	62	53	59	53
		59	53	60	55(128)	55	55	58	58	53	59	55	60(232)
52.5	17.9	61	61	51	51	65	53	58	49(59)	64	50	61	50
		60	49	62	54(128)	53	53	60	60	49	60	54	62(232)
59.1	16.3	62	62	49	49	68	51	59	45(59)	67	46	63	47
		67	46	63	47(90)	50	50	61	61	46	67	47	63(270)
65.6	15.0	64	64	47	47	66	61	49	45(11)	69	43	65	45
		69	43	65	45(90)	48	48	63	63	43	69	45	65(270)
72.2	13.4	65	65	45	45	69	59	50	42(19)	71	40	66	43
		71	40	66	43(91)	47	47	63	63	40	71	43	66(268)
78.7	12.1	65	65	44	44	72	58	50	39(24)	73	38	67	41
		71	37	68	42(96)	45	45	64	64	37	71	42	69(263)
85.3	11.5	67	67	42	42	76	55	51	36(30)	75	35	69	38
		73	33	72	41(101)	43	43	66	66	32	73	41	72(258)
91.9	10.6	68	68	40	40	78	54	52	33(33)	77	32	71	37
		73	30	74	40(104)	41	41	67	67	29	73	41	74(255)
98.4	9.7	69	69	39	39	80	52	52	31(35)	79	30	72	35
		74	27	76	40(106)	40	40	68	68	27	74	40	76(253)
105.0	9.0	70	70	37	37	83	51	53	28(37)	81	28	74	33
		75	24	78	39(108)	38	38	69	69	24	74	39	78(251)
111.5	8.6	72	72	36	36	86	49	54	26(39)	84	25	76	31
		76	21	80	38(110)	37	37	71	71	21	75	39	80(249)
118.1	8.2	73	73	34	34	89	47	55	23(41)	86	22	78	29
		77	17	83	37(111)	35	35	72	72	17	77	38	83(248)
124.7	7.5	74	74	33	33	91	47	55	22(41)	87	21	78	28
		77	16	84	37(112)	34	34	73	73	15	77	37	84(247)

 HA= 84.0 HI= 55.8 GGW= 75.8 SL= 0.0 MAX(A,B,C,D)= 8.4 7.5 7.8 7.8

Main boom and fixed jib (jib angle 0.0 degrees)

Length of main boom = 96.5 ft Length of jib = 55.8 ft

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

Counterweight = 75.8 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
	1(0)		2(...)		3(90)		6(...)						
	A	B	C	D	A	B	C	D	A	B	C	D	
23.0	24.5	50	50	66	66	41	67	52	71(59)	43	74	45	68
		52	76	42	60(128)	68	68	48	48	76	52	60	42(232)
26.2	24.0	52	52	64	64	45	65	53	68(59)	47	71	48	66
		54	72	45	60(128)	66	66	50	50	72	54	60	45(232)
29.5	23.6	53	53	62	62	49	63	54	65(59)	50	67	50	63
		55	69	48	59(128)	64	64	51	51	69	55	59	48(232)

32.8	23.1	55	55	60	60	52	61	55	62(59)	53	64	52	61
		56	65	51	58(128)	62	62	53	53	65	56	58	51(232)
39.4	22.3	58	58	56	56	59	58	56	56(59)	59	58	57	56
		58	57	57	56(127)	58	58	57	57	57	58	56	57(232)
45.9	20.9	61	61	53	53	64	55	58	50(59)	63	52	60	52
		60	51	62	55(128)	54	54	60	60	51	60	55	62(232)
52.5	19.8	64	64	49	49	70	52	60	46(59)	68	47	64	48
		68	47	64	48(90)	51	51	62	62	47	68	48	64(270)
59.1	18.7	66	66	47	47	70	61	50	43(18)	72	42	67	44
		72	42	67	44(91)	48	48	65	65	42	72	44	67(268)
65.6	17.4	68	68	44	44	75	58	52	39(27)	75	38	69	41
		73	36	71	43(99)	46	46	66	66	36	73	43	71(260)
72.2	16.3	70	70	42	42	79	56	53	35(32)	79	34	72	38
		75	32	75	42(104)	43	43	68	68	32	75	42	75(255)
78.7	15.0	71	71	40	40	82	54	54	32(35)	81	31	74	36
		76	28	77	41(106)	41	41	69	69	28	75	41	77(253)
85.3	13.9	72	72	38	38	86	52	54	29(38)	83	28	75	34
		77	24	80	40(108)	39	39	71	71	24	76	40	80(251)
91.9	13.0	73	73	36	36	89	50	55	26(40)	86	25	77	31
		78	21	82	39(110)	37	37	72	72	21	77	39	82(249)
98.4	12.1	75	75	35	35	91	49	56	23(41)	88	22	79	29
		79	18	84	38(111)	36	36	74	74	18	78	38	84(248)
105.0	11.2	76	76	33	33	93	47	56	21(42)	90	20	80	27
		79	15	86	37(112)	34	34	75	75	15	79	38	86(247)
111.5	10.6	77	77	32	32	96	47	56	19(41)	92	18	82	25
		80	12	88	36(113)	33	33	76	76	12	80	37	89(246)
118.1	9.9	78	78	30	30	98	46	56	16(41)	94	15	84	24
		81	9	91	36(114)	31	31	77	77	9	80	36	91(245)
124.7	9.3	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)
131.2	8.4	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	7.5	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)

HA= 96.5 HI= 55.8 GGW= 75.8 SL= 0.0 MAX(A,B,C,D)= 9.4 7.8 8.5 8.5

Main boom and fixed jib (jib angle 0.0 degrees)
 Length of main boom = 100.4 ft Length of jib = 55.8 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)		6(...)						
	A	B	C	D	A	B	C	D					
23.0	23.8	49	49	66	66	40	67	51	72(59)	43	74	45	69
		52	77	41	60(128)	68	68	47	47	77	52	60	41(232)
26.2	23.4	51	51	64	64	44	65	52	69(59)	46	71	47	66
		53	73	45	60(128)	66	66	49	49	73	53	60	45(232)
29.5	23.1	53	53	62	62	48	63	53	65(59)	49	67	50	63
		54	69	48	59(128)	64	64	51	51	69	54	59	48(232)
32.8	22.7	55	55	60	60	51	62	54	62(59)	52	64	52	61
		56	65	51	58(128)	62	62	53	53	65	56	58	51(232)

39.4	21.6	58	58	56	56	58	58	56	56(59)	58	58	56	56
		58	58	56	56(127)	58	58	56	56	58	58	56	56(232)
45.9	20.3	60	60	53	53	63	55	58	51(59)	62	53	60	52
		60	52	61	55(128)	55	55	59	59	52	60	55	61(232)
52.5	18.5	62	62	50	50	67	52	58	47(59)	65	49	62	49
		61	47	64	54(128)	52	52	61	61	47	61	54	64(232)
59.1	17.0	64	64	48	48	64	63	49	48(3)	69	45	64	46
		69	45	64	46(90)	49	49	62	62	45	69	46	64(270)
65.6	15.7	65	65	46	46	69	60	50	43(18)	71	41	67	43
		71	41	67	43(91)	47	47	64	64	41	71	44	67(268)
72.2	14.6	67	67	44	44	74	58	51	39(26)	74	37	69	41
		73	36	70	42(98)	45	45	66	66	36	72	43	70(261)
78.7	13.2	68	68	42	42	77	56	52	36(30)	76	35	70	39
		73	33	72	41(101)	43	43	67	67	33	73	41	72(258)
85.3	12.1	69	69	41	41	79	54	52	33(33)	78	32	72	37
		74	30	74	41(104)	42	42	68	68	30	74	41	75(255)
91.9	11.0	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	10.4	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)
105.0	9.7	72	72	36	36	87	50	54	25(39)	84	25	76	31
		77	20	81	38(110)	37	37	71	71	20	76	39	81(249)
111.5	8.8	73	73	35	35	89	49	54	24(40)	86	23	77	30
		77	18	82	38(111)	36	36	72	72	18	76	38	82(248)
118.1	8.2	74	74	34	34	91	47	55	22(41)	87	21	78	28
		77	16	84	37(112)	34	34	73	73	16	77	38	84(247)
124.7	7.7	75	75	32	32	93	45	56	19(43)	89	19	80	26
		78	13	86	37(113)	33	33	74	74	13	78	37	86(246)
131.2	7.3	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)
137.8	6.8	77	77	30	30	97	45	56	15(42)	93	14	83	23
		83	9	89	33(110)	30	30	77	77	8	82	33	90(249)

 HA=100.4 HI= 55.8 GGW= 75.8 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 = 110.2 ft Length of jib = 55.8 ft
 Main boom sequence = 0-0-0-45-90-90 % LK = 36
 Counterweight = 75.8 kip

Radius Cap. [ft]	Cap. [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.			
		1(0)		2(...)		3(90)		6(...)					
		4(...)		5(180)		6(...)							
		A	B	C	D	A	B	C	D	A	B	C	D
26.2	23.1	51	51	64	64	44	65	52	68(59)	46	70	47	66
		53	72	45	59(128)	65	65	49	49	72	53	59	45(232)
29.5	22.9	53	53	62	62	48	63	54	65(59)	50	67	50	63
		55	68	48	58(128)	63	63	51	51	68	55	58	48(232)
32.8	22.5	55	55	60	60	52	61	54	62(59)	53	64	52	61
		56	64	51	58(128)	62	62	53	53	64	56	58	51(232)
39.4	21.6	58	58	56	56	59	58	56	56(59)	59	57	57	56
		58	57	57	56(127)	58	58	57	57	57	58	56	57(232)
45.9	20.7	62	62	52	52	65	54	58	50(59)	64	51	61	51
		60	50	62	54(128)	54	54	60	60	50	60	54	62(232)

52.5	19.6	64	64	49	49	71	51	60	45(59)	69	46	64	47
		69	46	64	47(90)	51	51	63	63	46	69	47	64(270)
59.1	18.7	67	67	46	46	72	60	51	42(21)	73	41	68	43
		73	40	69	44(94)	47	47	65	65	40	73	44	69(265)
65.6	17.9	69	69	43	43	78	57	53	37(31)	78	36	71	39
		75	34	74	42(102)	44	44	68	68	34	75	43	74(257)
72.2	16.8	71	71	40	40	83	54	54	32(35)	81	32	74	36
		76	29	77	41(106)	42	42	70	70	29	76	41	77(253)
78.7	15.9	73	73	38	38	87	52	55	28(38)	85	28	77	33
		78	24	81	40(109)	39	39	72	72	24	77	40	81(250)
85.3	14.8	75	75	36	36	91	50	56	25(40)	87	24	79	31
		79	20	84	39(111)	37	37	73	73	20	78	39	84(248)
91.9	13.9	76	76	34	34	94	48	57	22(42)	90	21	81	28
		80	16	87	38(112)	35	35	75	75	16	79	38	87(247)
98.4	12.8	77	77	32	32	96	46	57	19(43)	92	19	82	26
		80	13	88	37(113)	34	34	76	76	13	80	38	89(246)
105.0	12.1	79	79	31	31	99	46	57	16(42)	95	16	84	24
		82	9	91	36(114)	32	32	78	78	9	81	37	91(245)
111.5	11.0	79	79	30	30	100	46	57	15(42)	96	14	85	23
		85	8	91	33(110)	31	31	78	78	8	84	34	92(249)
118.1	9.9	79	79	29	29	101	45	56	14(42)	96	13	85	22
		85	7	92	32(110)	30	30	78	78	7	85	33	92(249)
124.7	8.8	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	7.9	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	7.1	79	79	27	27	102	43	57	12(43)	97	11	86	20
		85	4	93	32(111)	28	28	79	79	4	84	32	93(248)
144.4	6.4	80	80	27	27	103	43	57	11(43)	98	9	86	19
		85	3	94	31(111)	27	27	79	79	3	85	32	94(248)
150.9	5.7	80	80	26	26	103	42	56	10(43)	98	9	87	19
		86	2	94	30(111)	27	27	79	79	2	85	31	94(248)

 HA=110.2 HI= 55.8 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 = 114.5 ft Length of jib = 55.8 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	
26.2	22.5	51	51	64	64	44	65	52	68(59)	46	71	47	66
		53	73	44	59(128)	66	66	49	49	73	53	59	44(232)
29.5	22.3	53	53	62	62	47	63	53	65(59)	49	67	49	63
		54	69	47	58(128)	63	63	51	51	69	54	58	47(232)
32.8	21.8	54	54	60	60	51	61	54	62(59)	52	64	52	61
		55	65	50	58(128)	62	62	53	53	65	55	58	50(232)
39.4	20.9	58	58	56	56	58	58	56	56(59)	58	58	56	56
		58	58	56	56(127)	58	58	56	56	58	58	56	56(232)
45.9	20.3	61	61	52	52	64	54	58	50(59)	63	52	60	52
		60	51	62	55(128)	54	54	59	59	51	60	55	62(232)

52.5	19.0	63	63	50	50	69	52	59	46(59)	67	47	63	48
		67	47	63	48(90)	51	51	62	62	47	67	48	63(270)
59.1	17.6	65	65	47	47	69	61	50	44(15)	71	43	66	44
		71	43	66	44(90)	48	48	64	64	43	71	44	66(270)
65.6	16.3	67	67	45	45	74	58	51	40(25)	74	39	69	41
		73	37	70	43(97)	46	46	66	66	37	73	43	70(262)
72.2	15.2	69	69	42	42	78	56	52	35(31)	77	35	71	39
		74	33	73	42(102)	43	43	67	67	32	74	42	73(257)
78.7	14.1	70	70	40	40	82	54	53	32(35)	80	32	73	36
		75	28	76	41(106)	41	41	69	69	28	75	41	77(253)
85.3	13.0	71	71	38	38	84	52	54	29(37)	82	29	75	34
		76	25	79	40(108)	39	39	70	70	25	76	40	79(251)
91.9	12.1	73	73	37	37	88	50	55	26(39)	85	26	77	32
		77	21	81	39(110)	37	37	72	72	21	77	39	82(249)
98.4	11.0	74	74	35	35	89	49	55	24(40)	86	24	78	30
		77	19	83	38(111)	36	36	73	73	19	77	39	83(248)
105.0	10.4	75	75	34	34	93	47	56	21(42)	89	21	80	28
		79	16	85	37(112)	34	34	74	74	15	78	38	86(247)
111.5	9.7	76	76	32	32	95	48	55	19(40)	91	18	81	26
		80	13	88	37(113)	33	33	75	75	12	79	37	88(246)
118.1	9.0	77	77	30	30	97	46	55	17(41)	93	16	83	24
		80	10	90	36(114)	31	31	76	76	10	80	37	90(245)
124.7	8.4	78	78	29	29	99	45	56	15(42)	95	14	84	22
		84	8	90	33(110)	30	30	77	77	8	83	33	91(249)
131.2	7.9	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	7.1	79	79	27	27	102	43	57	12(43)	97	11	86	20
		85	4	93	32(111)	28	28	79	79	4	84	32	93(248)
144.4	6.4	80	80	27	27	103	43	57	11(43)	98	9	86	19
		85	3	94	31(111)	27	27	79	79	3	85	32	94(248)
150.9	5.7	80	80	26	26	103	42	56	10(43)	98	9	87	19
		86	2	94	30(111)	27	27	79	79	2	85	31	94(248)

 HA=114.5 HI= 55.8 GGW= 75.8 SL= 0.0 MAX(A,B,C,D)= 9.6 7.9 8.7 8.8

Main boom and fixed jib (jib angle 0.0 degrees)
 Length of main boom = 124.3 ft Length of jib = 55.8 ft
 Main boom sequence = 0-0-0-90-90-90 % LK = 45
 Counterweight = 75.8 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
	1(0)		2(...)		3(90)		6(...)						
	A	B	C	D	A	B	C	D	A	B	C	D	
29.5	21.6	52	52	62	62	47	63	53	65(59)	49	67	49	63
		54	69	47	58(128)	63	63	51	51	69	54	58	47(232)
32.8	21.4	54	54	60	60	51	61	54	62(59)	52	64	52	61
		55	65	50	58(128)	61	61	53	53	65	55	58	50(232)
39.4	20.7	58	58	56	56	58	58	56	56(59)	58	57	56	56
		58	57	56	56(127)	58	58	56	56	57	58	56	56(232)
45.9	19.8	61	61	52	52	64	54	58	50(59)	63	52	60	51
		60	50	62	54(128)	54	54	59	59	50	60	54	62(232)
52.5	19.2	64	64	49	49	64	64	49	49(0)	69	46	65	47
		69	46	65	47(90)	50	50	63	63	46	69	47	65(270)

59.1	18.3	67	67	46	46	72	60	51	42(22)	74	40	68	43
		73	40	69	44(94)	47	47	65	65	40	73	44	69(265)
65.6	17.6	70	70	43	43	79	56	53	36(32)	78	35	72	39
		75	33	74	42(103)	44	44	68	68	33	75	43	75(256)
72.2	16.8	72	72	40	40	84	54	54	31(36)	82	31	75	35
		77	27	78	41(107)	41	41	71	71	27	77	41	79(252)
78.7	16.1	75	75	37	37	90	51	56	26(40)	87	26	78	32
		79	22	83	39(110)	38	38	73	73	21	78	40	83(249)
85.3	15.2	76	76	35	35	94	48	57	22(42)	90	22	81	29
		80	17	86	38(112)	36	36	75	75	17	80	39	87(247)
91.9	14.3	78	78	32	32	97	48	56	19(41)	93	19	83	26
		82	13	90	37(113)	34	34	77	77	13	81	38	90(246)
98.4	13.4	80	80	30	30	100	47	57	16(42)	96	15	85	24
		83	9	92	36(114)	32	32	78	78	9	82	37	92(245)
105.0	11.9	79	79	30	30	101	46	57	15(42)	96	14	85	23
		85	9	91	33(110)	31	31	78	78	8	84	34	92(249)
111.5	10.6	79	79	29	29	101	45	57	15(42)	96	13	85	22
		85	7	92	33(110)	30	30	78	78	7	85	33	92(249)
118.1	9.5	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)
124.7	8.4	79	79	28	28	102	44	57	13(43)	97	12	86	21
		85	5	93	32(111)	29	29	79	79	5	84	33	93(248)
131.2	7.5	80	80	27	27	102	43	57	12(43)	97	11	86	20
		85	4	93	32(111)	28	28	79	79	4	84	32	93(248)
137.8	6.6	80	80	27	27	103	43	57	11(43)	97	10	86	20
		85	4	93	31(111)	28	28	79	79	3	84	32	94(248)
144.4	6.0	80	80	26	26	103	42	57	10(43)	98	9	87	19
		86	2	94	30(111)	27	27	79	79	2	85	31	94(248)
150.9	5.3	80	80	26	26	104	42	56	9(43)	99	8	87	18
		86	1	95	30(111)	26	26	80	80	1	85	31	95(248)
157.5	4.6	80	80	25	25	104	41	57	9(44)	99	7	88	17
		85	0	95	30(112)	26	26	80	80	0	85	31	95(247)
164.0	4.0	80	80	25	25	104	41	57	8(44)	99	7	87	17
		85	0	95	30(112)	25	25	80	80	0	84	30	95(247)

 HA=124.3 HI= 55.8 GGW= 75.8 SL= 0.0 MAX(A,B,C,D)= 9.7 7.9 8.8 8.9

Main boom and fixed jib (jib angle 0.0 degrees)
 Length of main boom = 130.9 ft Length of jib = 55.8 ft
 Main boom sequence = 0-0-0-100-100-100 % LK = 46
 Counterweight = 75.8 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
	1(0)		2(...)		3(90)		6(...)						
	A	B	C	D	A	B	C	D					
32.8	20.3	53	53	60	60	50	61	54	63(59)	51	65	51	61
		55	65	49	58(128)	62	62	52	52	65	55	58	49(232)
39.4	19.8	57	57	56	56	57	58	56	56(59)	57	58	55	56
		57	58	55	56(127)	58	58	56	56	58	57	56	55(232)
45.9	19.2	60	60	53	53	63	54	58	51(59)	62	52	60	52
		60	51	61	54(128)	54	54	59	59	51	60	54	61(232)
52.5	18.5	63	63	49	49	69	51	59	45(59)	68	46	64	47
		68	46	64	47(90)	51	51	62	62	46	68	47	64(270)

59.1	17.4	66	66	46	46	70	61	50	43(18)	72	42	67	44
		72	41	67	44(91)	48	48	64	64	41	72	44	67(268)
65.6	16.5	68	68	43	43	76	58	52	38(28)	76	37	70	40
		74	35	72	42(100)	45	45	67	67	35	73	43	72(259)
72.2	15.4	70	70	41	41	81	55	53	34(34)	79	33	73	37
		75	30	76	41(105)	42	42	69	69	30	75	42	76(254)
78.7	14.6	72	72	39	39	85	52	54	30(37)	83	29	75	34
		77	25	79	40(108)	40	40	71	71	25	76	41	79(251)
85.3	13.4	73	73	37	37	88	51	55	26(39)	85	26	77	32
		78	22	82	39(110)	38	38	72	72	22	77	40	82(249)
91.9	12.6	75	75	35	35	91	49	56	23(41)	88	23	79	29
		79	18	84	38(111)	36	36	74	74	18	78	38	85(248)
98.4	11.7	76	76	33	33	94	47	56	21(42)	90	20	81	27
		79	15	87	37(113)	34	34	75	75	14	79	38	87(246)
105.0	10.8	77	77	32	32	96	47	56	18(41)	92	17	82	25
		80	11	89	37(114)	33	33	76	76	11	79	37	89(245)
111.5	9.7	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	9.3	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	8.4	80	80	28	28	102	44	57	12(43)	97	11	86	21
		85	5	93	32(111)	29	29	79	79	5	84	33	93(248)
131.2	7.3	79	79	28	28	102	43	57	12(43)	97	11	86	21
		85	5	93	32(111)	28	28	78	78	5	84	32	93(248)
137.8	6.6	80	80	27	27	103	43	57	11(43)	98	9	87	19
		85	3	94	31(111)	27	27	79	79	3	85	32	94(248)
144.4	5.7	80	80	26	26	103	43	56	11(43)	98	9	86	19
		85	3	94	31(111)	27	27	79	79	2	84	31	94(248)
150.9	5.1	80	80	26	26	103	42	56	10(43)	98	8	87	18
		86	2	94	30(111)	26	26	79	79	2	85	31	94(248)
157.5	4.4	80	80	25	25	104	42	56	9(43)	98	8	87	18
		86	1	94	30(111)	26	26	79	79	1	85	30	95(248)
164.0	3.7	80	80	25	25	104	42	56	9(43)	98	7	87	18
		86	1	94	30(111)	26	26	79	79	0	85	30	95(248)

 HA=130.9 HI= 55.8 GGW= 75.8 SL= 0.0 MAX(A,B,C,D)= 9.6 7.9 8.8 8.8

Main boom and fixed jib (jib angle 0.0 degrees)
 Length of main boom = 138.1 ft Length of jib = 55.8 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)		6(...)						
	A	B	C	D	A	B	C	D	A	B	C	D	
32.8	20.5	54	54	60	60	51	61	54	62(59)	52	63	52	60
		55	64	50	57(128)	61	61	52	52	64	55	57	50(232)
39.4	20.1	58	58	56	56	58	57	56	55(59)	58	57	56	55
		58	57	57	56(127)	57	57	56	56	57	58	56	57(232)
45.9	19.4	61	61	52	52	65	54	58	49(59)	64	51	61	51
		60	50	62	54(128)	53	53	60	60	50	60	54	62(232)
52.5	18.7	65	65	48	48	66	63	49	47(6)	69	45	65	46
		69	45	65	46(90)	50	50	63	63	45	69	46	65(270)

59.1	18.1	68	68	45	45	74	59	52	40(25)	75	39	69	42
		73	38	70	43(97)	46	46	66	66	38	73	43	70(262)
65.6	17.4	71	71	42	42	81	56	53	34(33)	80	34	73	38
		76	31	76	42(104)	43	43	69	69	31	75	42	76(255)
72.2	16.8	73	73	39	39	87	52	55	29(38)	84	29	77	34
		78	25	81	40(109)	40	40	72	72	25	77	41	81(250)
78.7	16.1	76	76	36	36	92	50	57	24(41)	89	24	80	30
		80	19	85	39(111)	37	37	75	75	19	79	39	85(248)
85.3	15.4	78	78	33	33	97	47	58	20(43)	93	19	83	27
		82	13	90	37(113)	34	34	77	77	13	81	38	90(246)
91.9	14.6	80	80	31	31	101	47	57	16(42)	96	15	86	24
		82	9	93	37(115)	32	32	79	79	9	82	37	93(244)
98.4	12.8	80	80	30	30	101	46	57	15(42)	96	14	86	23
		86	9	92	33(110)	31	31	79	79	8	85	34	92(249)
105.0	11.2	80	80	29	29	101	46	57	14(42)	97	13	86	22
		86	7	92	33(110)	30	30	79	79	7	85	33	92(249)
111.5	9.9	80	80	29	29	101	45	56	13(42)	97	13	86	22
		86	6	92	32(110)	30	30	79	79	6	85	33	93(249)
118.1	8.8	80	80	28	28	102	44	57	12(43)	97	11	86	21
		85	5	93	32(111)	29	29	79	79	5	85	33	93(248)
124.7	7.7	80	80	27	27	103	43	57	12(43)	97	11	86	20
		85	4	93	32(111)	28	28	79	79	4	85	32	93(248)
131.2	6.8	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)
137.8	6.0	80	80	26	26	103	42	57	10(43)	98	9	87	19
		86	2	94	30(111)	27	27	79	79	2	85	31	94(248)
144.4	5.1	80	80	26	26	103	42	56	10(43)	98	8	87	18
		86	2	94	30(111)	26	26	79	79	2	85	31	94(248)
150.9	4.4	80	80	25	25	104	42	56	9(43)	99	7	87	18
		86	1	95	30(111)	26	26	80	80	0	85	30	95(248)
157.5	3.5	80	80	25	25	103	42	56	9(43)	98	8	87	18
		85	1	94	30(111)	26	26	79	79	1	84	30	94(248)
164.0	3.1	80	80	25	25	104	40	57	8(44)	99	6	88	17
		85	0	96	29(112)	25	25	80	80	0	84	30	96(247)

HA=138.1 HI= 55.8 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 = 145.0 ft Length of jib = 55.8 ft

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

Counterweight = 75.8 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
	1(0)		2(...)		3(90)		6(...)						
	A	B	C	D	A	B	C	D	A	B	C	D	
39.4	19.0	57	57	56	56	56	58	56	56(59)	57	58	55	56
		57	58	55	56(127)	58	58	55	55	58	57	56	55(232)
45.9	18.5	60	60	52	52	63	54	58	50(59)	63	52	60	51
		59	51	61	54(128)	54	54	59	59	51	59	54	61(232)
52.5	17.9	63	63	49	49	70	51	59	45(59)	68	46	64	47
		68	46	64	47(90)	50	50	62	62	46	68	47	64(270)
59.1	17.4	67	67	45	45	73	59	51	41(23)	74	40	68	43
		73	39	69	43(95)	47	47	65	65	39	72	44	69(264)

65.6	16.5	69	69	42	42	78	56	53	36(31)	78	35	71	39
		75	33	74	42(102)	44	44	68	68	33	75	42	74(257)
72.2	15.7	71	71	40	40	84	54	54	31(36)	82	31	75	35
		76	27	78	41(107)	41	41	70	70	27	76	41	78(252)
78.7	14.8	74	74	37	37	88	51	55	27(39)	86	26	77	32
		78	22	82	39(110)	38	38	72	72	22	77	40	82(249)
85.3	13.9	75	75	35	35	92	49	56	23(41)	89	23	80	29
		79	18	85	39(112)	36	36	74	74	18	78	39	86(247)
91.9	13.2	78	78	32	32	96	48	56	19(41)	93	19	83	26
		81	13	89	37(113)	34	34	76	76	13	80	38	89(246)
98.4	12.3	79	79	30	30	100	46	57	16(42)	95	15	85	24
		82	9	91	36(114)	32	32	78	78	9	81	37	92(245)
105.0	11.2	80	80	29	29	101	46	57	14(42)	97	13	86	22
		86	7	92	33(110)	30	30	79	79	7	85	33	93(249)
111.5	9.9	80	80	28	28	102	45	56	13(42)	97	12	86	21
		86	6	93	32(110)	29	29	79	79	6	85	33	93(249)
118.1	8.6	79	79	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)
124.7	7.7	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)
131.2	6.8	80	80	26	26	103	43	57	11(43)	98	9	87	19
		86	3	94	31(111)	27	27	80	80	2	85	32	94(248)
137.8	6.0	80	80	26	26	104	42	57	10(43)	99	8	87	19
		86	2	94	30(111)	27	27	80	80	2	85	31	95(248)
144.4	5.1	80	80	26	26	104	42	56	9(43)	98	8	87	18
		86	1	94	30(111)	26	26	79	79	1	85	31	95(248)
150.9	4.2	80	80	26	26	103	42	56	9(43)	98	8	87	18
		85	2	94	30(111)	26	26	79	79	1	85	31	94(248)
157.5	3.5	80	80	25	25	103	41	56	9(43)	98	7	87	18
		85	1	94	30(111)	26	26	79	79	1	85	30	94(248)
164.0	2.9	80	80	25	25	103	41	56	9(43)	98	7	87	17
		85	0	94	30(111)	26	26	79	79	0	85	30	94(248)

 HA=145.0 HI= 55.8 GGW= 75.8 SL= 0.0 MAX(A,B,C,D)= 9.6 7.9 8.8 8.8

Main boom and fixed jib (jib angle 0.0 degrees)
 Length of main boom = 152.2 ft Length of jib = 55.8 ft
 Main boom sequence = 0-0-90-90-90-90 % LK = 62
 Counterweight = 75.8 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
	1(0)		2(...)		3(90)		6(...)						
	A	B	C	D	A	B	C	D	A	B	C	D	
39.4	19.0	58	58	55	55	58	57	56	55(59)	58	57	56	55
		57	57	56	56(127)	57	57	56	56	57	57	56	56(232)
45.9	18.5	61	61	52	52	65	53	58	49(59)	64	50	61	50
		60	49	62	54(128)	53	53	60	60	49	60	54	62(232)
52.5	17.9	64	64	48	48	65	63	49	47(5)	69	45	65	46
		69	45	65	46(90)	50	50	63	63	45	69	46	65(270)
59.1	17.4	68	68	45	45	75	58	52	39(26)	75	39	69	41
		73	37	71	43(98)	46	46	66	66	37	73	43	71(261)
65.6	16.8	71	71	41	41	81	55	54	34(34)	80	33	73	37
		76	30	76	42(105)	43	43	69	69	30	75	42	76(254)

72.2	16.3	74	74	38	38	88	52	56	28(39)	85	28	77	33
		78	24	81	40(109)	39	39	72	72	24	78	40	82(250)
78.7	15.7	76	76	35	35	93	49	57	23(42)	90	23	80	29
		80	18	86	39(112)	36	36	75	75	18	79	39	86(247)
85.3	15.2	79	79	32	32	99	48	57	18(41)	95	18	84	26
		82	12	91	37(114)	33	33	78	78	11	81	38	91(245)
91.9	13.9	80	80	30	30	101	47	57	16(42)	97	15	86	23
		86	9	92	34(110)	32	32	79	79	9	85	34	92(249)
98.4	12.1	80	80	30	30	101	46	57	15(42)	97	14	86	22
		86	8	92	33(110)	31	31	79	79	8	85	34	92(249)
105.0	10.6	80	80	29	29	101	45	57	14(42)	97	13	86	22
		86	7	92	32(110)	30	30	79	79	7	85	33	93(249)
111.5	9.3	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)
118.1	8.2	80	80	27	27	103	43	57	12(43)	98	11	86	20
		86	4	93	32(111)	28	28	79	79	4	85	32	94(248)
124.7	7.1	80	80	27	27	103	43	57	11(43)	98	10	87	20
		86	3	94	31(111)	28	28	79	79	3	85	32	94(248)
131.2	6.2	80	80	26	26	104	43	57	10(43)	98	9	87	19
		86	2	94	30(111)	27	27	80	80	2	85	31	95(248)
137.8	5.3	80	80	26	26	104	42	56	9(43)	99	8	87	18
		86	1	95	30(111)	26	26	80	80	1	85	31	95(248)
144.4	4.4	80	80	25	25	104	42	56	9(43)	99	7	87	18
		86	1	95	30(111)	26	26	80	80	1	85	30	95(248)
150.9	3.5	80	80	25	25	103	42	56	9(43)	98	7	87	18
		85	1	94	30(111)	26	26	79	79	1	85	30	94(248)
157.5	2.9	80	80	25	25	104	41	56	8(43)	98	7	87	17
		86	0	94	29(111)	25	25	79	79	0	85	30	95(248)

 HA=152.2 HI= 55.8 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 0.0 degrees)
 Length of main boom = 161.4 ft Length of jib = 55.8 ft
 Main boom sequence = 0-0-100-100-100-100 % LK = 63
 Counterweight = 75.8 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.			
		1(0)		2(...)		3(90)		6(...)					
		A	B	C	D	A	B	C	D	A	B	C	D
45.9	17.4	60	60	52	52	63	54	57	50(59)	62	51	59	51
		59	51	60	54(128)	54	54	58	58	51	59	54	60(232)
52.5	17.0	63	63	49	49	70	50	59	45(59)	68	45	64	47
		68	45	64	47(90)	50	50	62	62	45	68	47	64(270)
59.1	16.5	67	67	45	45	72	59	51	41(23)	73	40	68	42
		73	39	69	43(95)	47	47	65	65	39	72	43	69(264)
65.6	16.1	70	70	42	42	80	56	53	35(32)	79	34	72	38
		75	32	75	42(104)	43	43	68	68	31	75	42	75(255)
72.2	15.2	72	72	39	39	85	53	54	30(37)	83	30	75	34
		77	26	79	40(108)	40	40	71	71	26	76	41	79(251)
78.7	14.6	75	75	36	36	90	50	56	25(40)	87	25	78	31
		78	20	84	39(111)	37	37	73	73	20	78	40	84(248)
85.3	13.7	77	77	34	34	95	48	57	21(42)	91	21	81	28
		80	15	87	38(112)	35	35	75	75	15	80	38	87(247)

91.9	13.0	79	79	31	31	99	47	56	17(41)	94	17	84	25
		82	11	91	37(114)	32	32	78	78	11	81	37	91(245)
98.4	11.9	80	80	30	30	101	46	57	15(42)	96	14	86	23
		86	8	92	33(110)	31	31	79	79	8	85	34	92(249)
105.0	10.6	80	80	29	29	102	44	57	13(43)	97	12	86	21
		85	6	93	33(111)	30	30	79	79	6	85	33	93(248)
111.5	9.3	80	80	28	28	103	44	57	12(43)	98	11	86	21
		86	5	93	32(111)	29	29	79	79	5	85	33	94(248)
118.1	7.9	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)
124.7	7.1	80	80	26	26	104	43	57	11(43)	98	9	87	19
		86	3	94	31(111)	27	27	80	80	3	85	32	94(248)
131.2	6.2	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)
137.8	5.1	80	80	26	26	104	42	56	9(43)	98	8	87	18
		86	2	94	30(111)	26	26	79	79	1	85	31	95(248)
144.4	4.2	80	80	26	26	104	42	56	9(43)	98	8	87	18
		86	1	94	30(111)	26	26	79	79	1	85	31	95(248)
150.9	3.3	80	80	25	25	103	42	56	9(43)	98	8	87	18
		85	1	94	30(111)	26	26	79	79	1	84	30	94(248)
157.5	2.6	80	80	25	25	103	41	56	9(43)	98	7	87	17
		85	0	94	30(111)	26	26	79	79	0	85	30	94(248)

 HA=161.4 HI= 55.8 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 0.0 degrees)

Length of main boom = 166.0 ft Length of jib = 55.8 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)		A B C D		A B C D					
45.9	17.9	61	61	51	51	65	53	58	48(59)	64	50	61	50
		60	49	63	54(128)	52	52	60	60	49	60	54	63(232)
52.5	17.4	65	65	47	47	67	62	50	45(12)	70	43	66	45
		70	43	66	45(90)	49	49	63	63	43	70	45	66(270)
59.1	17.0	68	68	44	44	76	58	52	38(28)	76	37	70	40
		74	35	72	43(100)	45	45	67	67	35	73	43	72(259)
65.6	16.5	71	71	40	40	83	54	54	32(36)	82	31	74	36
		77	28	78	41(106)	41	41	70	70	28	76	41	78(253)
72.2	15.9	74	74	37	37	90	51	56	26(40)	87	26	78	32
		79	22	83	39(110)	38	38	73	73	22	78	40	83(249)
78.7	15.4	77	77	34	34	96	47	58	21(43)	92	21	82	28
		81	15	88	38(113)	35	35	76	76	15	80	39	88(246)
85.3	15.0	80	80	30	30	101	47	58	16(42)	97	15	86	24
		86	9	92	34(110)	32	32	79	79	9	86	34	93(249)
91.9	13.0	80	80	30	30	102	46	57	15(42)	97	14	86	23
		86	8	93	33(110)	31	31	79	79	8	85	34	93(249)
98.4	11.2	80	80	29	29	102	45	57	14(42)	97	13	86	22
		86	7	93	32(110)	30	30	79	79	7	85	33	93(249)
105.0	9.7	80	80	28	28	102	44	57	13(43)	97	12	86	21
		85	6	93	32(111)	29	29	79	79	6	85	33	93(248)

111.5	8.4	80	80	28	28	103	43	57	12(43)	97	11	86	20
	85	4	93	32(111)	28	28	79	79		4	85	32	94(248)
118.1	7.3	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)
124.7	6.2	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)
131.2	5.1	80	80	26	26	103	42	56	10(43)	98	8	87	19
	86	2	94	30(111)	27	27	79	79		2	85	31	94(248)
137.8	4.2	80	80	26	26	104	42	56	9(43)	98	8	87	18
	86	1	94	30(111)	26	26	79	79		1	85	30	95(248)
144.4	3.3	80	80	25	25	103	41	56	9(43)	98	7	87	18
	86	1	94	30(111)	26	26	79	79		0	85	30	95(248)
150.9	2.4	79	79	25	25	103	41	56	9(43)	98	7	86	18
	85	1	94	30(111)	26	26	79	79		0	84	30	94(248)

 HA=166.0 HI= 55.8 GGW= 75.8 SL= 0.0 MAX(A,B,C,D)= 9.6 7.9 8.8 8.8

Main boom and fixed jib (jib angle 0.0 degrees)

Length of main boom = 175.5 ft Length of jib = 55.8 ft
 Main boom sequence = 0-45-100-100-100-100 % LK = 69
 Counterweight = 75.8 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.			
		1(0)		2(...)		3(90)		6(...)					
		A	B	C	D	A	B	C	D				
45.9	16.8	60	60	52	52	63	53	57	49(59)	63	51	60	51
	59	50	61	54(128)	53	53	59	59		50	59	54	61(232)
52.5	16.3	63	63	48	48	64	63	48	48(2)	68	45	64	46
	68	45	64	46(90)	49	49	62	62		45	68	46	64(270)
59.1	15.9	67	67	45	45	73	58	51	40(25)	74	39	68	42
	73	37	70	43(97)	46	46	65	65		37	72	43	70(262)
65.6	15.7	70	70	41	41	81	55	53	33(34)	80	33	73	37
	75	30	76	41(105)	42	42	69	69		30	75	41	76(254)
72.2	15.2	73	73	37	37	88	51	55	28(39)	85	27	77	33
	78	23	81	39(109)	39	39	72	72		23	78	40	82(250)
78.7	14.6	76	76	35	35	93	48	57	22(42)	90	22	80	29
	80	17	86	38(112)	36	36	75	75		17	79	39	86(247)
85.3	13.7	78	78	32	32	97	48	56	19(41)	93	18	83	26
	81	12	90	37(114)	33	33	77	77		12	80	38	90(245)
91.9	13.0	80	80	30	30	102	46	57	15(42)	97	14	86	22
	86	8	93	33(110)	31	31	79	79		7	86	34	93(249)
98.4	11.2	80	80	29	29	102	45	58	13(43)	97	13	86	22
	86	6	93	33(111)	30	30	79	79		6	85	34	93(248)
105.0	9.7	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)
111.5	8.4	80	80	27	27	103	43	57	12(43)	98	11	87	20
	86	4	94	32(111)	28	28	79	79		4	85	32	94(248)
118.1	7.3	80	80	26	26	104	43	57	11(43)	99	9	87	19
	86	3	94	31(111)	27	27	80	80		2	85	32	95(248)
124.7	6.2	80	80	26	26	104	42	57	10(43)	99	8	87	19
	86	2	95	30(111)	27	27	80	80		2	85	31	95(248)
131.2	5.1	80	80	26	26	104	42	56	9(43)	99	8	87	18
	86	1	94	30(111)	26	26	80	80		1	85	31	95(248)

137.8 4.2 80 80 25 25 104 42 56 9(43) 99 7 87 18
 86 0 95 30(111) 26 26 80 80 0 85 30 95(248)
 144.4 3.3 80 80 25 25 104 41 57 8(44) 99 7 87 17
 85 0 95 30(112) 25 25 80 80 0 84 30 95(247)
 150.9 2.4 80 80 25 25 104 41 56 8(43) 98 7 87 17
 86 0 94 29(111) 25 25 79 79 0 85 30 95(248)

 HA=175.5 HI= 55.8 GGW= 75.8 SL= 0.0 MAX(A,B,C,D)= 9.7 8.0 8.8 8.9

Main boom and fixed jib (jib angle 0.0 degrees)
 Length of main boom = 180.1 ft Length of jib = 55.8 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			
45.9	17.0	61	61	51	51	65	52	58	48(59)	64	49	61	49	
		60	48	63	54(128)	52	52	60	60	48	60	54	63(232)	
52.5	16.8	65	65	47	47	68	61	50	45(14)	71	43	66	45	
		71	43	66	45(90)	48	48	63	63	43	71	45	66(270)	
59.1	16.3	68	68	43	43	77	57	52	37(29)	77	36	70	40	
		74	35	72	42(101)	45	45	67	67	34	74	43	73(258)	
65.6	15.9	72	72	40	40	84	54	54	31(36)	82	30	75	35	
		77	27	78	41(107)	41	41	70	70	27	76	41	78(252)	
72.2	15.4	75	75	36	36	91	50	56	25(40)	88	25	79	31	
		79	20	84	39(111)	37	37	74	74	20	78	40	84(248)	
78.7	15.0	78	78	33	33	97	47	58	19(43)	93	19	83	27	
		82	13	89	37(113)	34	34	77	77	13	81	38	90(246)	
85.3	13.9	80	80	30	30	101	47	57	16(42)	96	15	86	24	
		86	9	92	34(110)	32	32	79	79	9	85	34	92(249)	
91.9	11.9	80	80	30	30	101	46	57	15(42)	96	14	86	23	
		86	8	92	33(110)	31	31	79	79	8	85	34	92(249)	
98.4	10.4	80	80	29	29	102	44	57	13(43)	97	12	86	21	
		85	6	93	33(111)	30	30	79	79	6	85	33	93(248)	
105.0	8.8	80	80	28	28	102	44	57	12(43)	97	11	86	21	
		85	5	93	32(111)	29	29	79	79	5	85	33	93(248)	
111.5	7.5	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)	
118.1	6.2	80	80	27	27	103	43	57	11(43)	97	10	86	19	
		85	3	93	31(111)	28	28	79	79	3	84	32	94(248)	
124.7	5.3	80	80	26	26	104	42	56	10(43)	99	8	87	18	
		86	2	94	30(111)	26	26	80	80	1	85	31	95(248)	
131.2	4.2	80	80	26	26	103	42	56	9(43)	98	8	87	18	
		86	1	94	30(111)	26	26	79	79	1	85	31	94(248)	
137.8	3.3	80	80	25	25	104	41	56	9(43)	99	7	87	17	
		86	0	95	30(111)	26	26	79	79	0	85	30	95(248)	
144.4	2.4	80	80	25	25	104	40	57	8(44)	98	7	87	17	
		84	0	95	30(112)	25	25	79	79	0	84	30	95(247)	

 HA=180.1 HI= 55.8 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 0.0 degrees)

Length of main boom = 191.9 ft Length of jib = 55.8 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)						
		A	B	C	D	A	B	C	D	A	B	C	D			
52.5	15.2	63	63	48	48	64	63	48	47	(3)	68	44	64	46		
		68	44	64	46	(90)	49	49	62	62		44	68	46	64	(270)
59.1	15.0	67	67	44	44	74	58	51	39	(26)	74	38	69	41		
		73	37	70	42	(97)	45	45	66	66		37	73	43	70	(262)
65.6	14.8	70	70	40	40	82	54	54	32	(35)	80	32	73	36		
		76	29	76	41	(105)	42	42	69	69		29	75	41	77	(254)
72.2	14.3	74	74	37	37	88	51	55	27	(39)	86	26	77	32		
		78	22	82	39	(110)	38	38	72	72		22	77	40	82	(249)
78.7	14.1	77	77	34	34	95	47	58	21	(43)	91	21	82	28		
		80	15	88	38	(113)	35	35	76	76		15	80	39	88	(246)
85.3	13.2	79	79	31	31	99	47	57	17	(42)	95	16	84	24		
		82	10	91	37	(114)	32	32	78	78		10	81	37	91	(245)
91.9	11.5	79	79	30	30	100	46	57	15	(42)	96	15	85	23		
		85	9	91	33	(110)	31	31	78	78		9	84	34	92	(249)
98.4	9.7	79	79	29	29	100	45	56	15	(42)	96	13	85	22		
		85	7	91	33	(110)	30	30	78	78		7	84	33	92	(249)
105.0	8.4	79	79	28	28	101	45	56	13	(42)	97	12	86	21		
		85	6	92	32	(110)	29	29	78	78		6	85	32	93	(249)
111.5	7.1	79	79	28	28	102	43	57	12	(43)	97	11	86	20		
		85	5	93	32	(111)	28	28	79	79		4	84	32	93	(248)
118.1	5.7	79	79	27	27	102	43	56	12	(43)	97	10	86	20		
		84	4	93	31	(111)	28	28	78	78		4	84	32	93	(248)
124.7	4.6	79	79	27	27	102	42	56	11	(43)	97	10	86	19		
		84	3	93	31	(111)	27	27	78	78		3	84	32	93	(248)
131.2	3.7	79	79	26	26	103	42	56	10	(43)	97	9	86	19		
		85	2	93	30	(111)	26	26	79	79		2	84	31	94	(248)
137.8	2.9	79	79	26	26	103	42	56	9	(43)	97	8	86	18		
		85	1	94	30	(111)	26	26	79	79		1	84	30	94	(248)

HA=191.9 HI= 55.8 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 0.0 degrees)

Length of main boom = 193.9 ft Length of jib = 55.8 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)						
		A	B	C	D	A	B	C	D	A	B	C	D			
52.5	15.9	65	65	46	46	69	60	50	43	(17)	71	41	66	44		
		71	41	66	44	(90)	48	48	64	64		41	71	44	67	(269)
59.1	15.4	69	69	43	43	77	57	52	36	(30)	77	35	71	39		
		74	33	73	42	(102)	44	44	67	67		33	74	42	73	(257)
65.6	15.2	72	72	39	39	86	53	54	30	(37)	83	29	76	34		
		77	25	80	40	(108)	40	40	71	71		25	77	41	80	(251)

72.2	14.8	76	76	35	35	93	49	56	23(41)	89	23	80	30
		79	18	85	39(112)	36	36	74	74	18	79	39	86(247)
78.7	14.1	78	78	32	32	98	48	57	19(41)	94	18	84	26
		81	12	90	37(114)	33	33	77	77	12	81	38	90(245)
85.3	12.1	79	79	31	31	99	47	56	17(41)	95	16	84	24
		82	10	91	36(114)	32	32	78	78	10	81	37	91(245)
91.9	10.1	78	78	30	30	99	46	56	16(42)	95	15	84	23
		84	9	90	33(110)	31	31	78	78	9	84	34	91(249)
98.4	8.6	79	79	29	29	100	45	56	14(42)	95	13	85	22
		84	7	91	32(110)	30	30	78	78	7	84	33	91(249)
105.0	7.1	78	78	28	28	100	45	56	14(42)	95	12	85	21
		84	6	91	32(110)	29	29	78	78	6	84	32	91(249)
111.5	5.7	78	78	28	28	100	44	56	13(42)	95	11	85	21
		84	5	91	31(110)	28	28	78	78	5	84	32	92(249)
118.1	4.6	79	79	27	27	101	43	56	12(43)	96	10	85	20
		84	4	92	31(111)	28	28	78	78	4	83	32	92(248)
124.7	3.5	79	79	26	26	101	42	56	11(43)	96	9	85	19
		84	3	92	31(111)	27	27	78	78	3	83	31	93(248)
131.2	2.6	79	79	26	26	102	42	56	10(43)	97	8	86	19
		84	2	93	30(111)	26	26	78	78	2	84	31	93(248)

 HA=193.9 HI= 55.8 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 = 205.7 ft Length of jib = 55.8 ft
 Main boom sequence = 45-100-100-100-100-100 % LK = 77
 Counterweight = 75.8 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.			
		1(0)		2(...)		3(90)		6(...)					
		4(...)		5(180)		6(...)							
		A	B	C	D	A	B	C	D	A	B	C	D
52.5	13.4	62	62	48	48	69	50	58	44(59)	67	45	63	46
		67	45	63	46(90)	49	49	61	61	45	67	46	63(270)
59.1	13.4	66	66	44	44	73	58	51	39(25)	73	38	68	41
		72	37	69	42(97)	45	45	65	65	37	72	43	69(262)
65.6	13.4	70	70	40	40	81	54	53	32(34)	80	32	73	36
		75	29	76	41(105)	41	41	69	69	29	75	41	76(254)
72.2	13.4	74	74	36	36	89	50	56	26(40)	86	25	78	31
		78	21	82	39(110)	37	37	73	73	21	78	39	83(249)
78.7	13.2	77	77	33	33	96	47	58	20(43)	92	19	82	27
		81	14	88	37(113)	34	34	76	76	14	80	38	89(246)
85.3	11.5	78	78	31	31	97	47	56	18(41)	93	17	83	25
		81	11	90	37(114)	32	32	77	77	11	80	37	90(245)
91.9	9.7	78	78	30	30	98	47	56	17(41)	94	15	84	24
		81	9	90	36(114)	31	31	77	77	9	80	36	91(245)
98.4	8.2	78	78	29	29	99	45	56	15(42)	94	14	84	23
		84	8	90	33(110)	30	30	77	77	8	83	33	91(249)
105.0	6.6	78	78	29	29	99	45	56	14(42)	94	13	84	22
		84	7	90	32(110)	30	30	77	77	7	83	33	91(249)
111.5	5.3	78	78	28	28	99	44	56	13(42)	95	12	84	21
		84	6	91	32(110)	29	29	77	77	6	83	32	91(249)
118.1	4.2	78	78	28	28	100	43	55	13(42)	95	11	84	21
		84	5	91	31(110)	28	28	77	77	5	83	32	91(249)

124.7 3.1 78 78 27 27 100 43 55 12(42) 95 10 84 20
 84 4 91 31(110) 28 28 77 77 4 83 31 91(249)
 131.2 2.2 78 78 26 26 101 42 56 11(43) 95 9 85 19
 84 3 92 31(111) 27 27 78 78 3 83 31 92(248)

 HA=205.7 HI= 55.8 GGW= 75.8 SL= 0.0 MAX(A,B,C,D)= 9.3 7.7 8.5 8.6

Main boom and fixed jib (jib angle 0.0 degrees)
 Length of main boom = 208.0 ft Length of jib = 55.8 ft
 Main boom sequence = 90-90-90-90-90 % LK = 78
 Counterweight = 75.8 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]								(Pos.[Degrees])				0-360 Degr.				
		1(0)		2(...)				3(90)		4(...)		5(180)			6(...)			
		A	B	C	D	A	B	C	D	A	B	C	D		A	B	C	D
52.5	14.3	64	64	46	46	68	60	49	44(15)	70	42	66	44	70	42	66	44	66(270)
59.1	14.3	69	69	42	42	78	56	52	36(31)	77	35	71	39	74	33	73	42(102)	43 43 67 67 33 74 42 73(257)
65.6	14.3	73	73	38	38	86	52	55	28(38)	84	28	76	34	77	24	80	40(109)	39 39 71 71 24 77 40 80(250)
72.2	13.9	76	76	35	35	93	48	57	22(42)	90	22	80	29	80	17	86	38(112)	36 36 75 75 17 79 39 86(247)
78.7	12.3	77	77	32	32	96	46	57	19(43)	92	19	82	26	81	13	88	37(113)	34 34 76 76 13 80 38 89(246)
85.3	10.4	77	77	31	31	97	47	56	18(41)	93	17	83	25	80	11	89	37(114)	32 32 76 76 11 80 37 90(245)
91.9	8.4	77	77	31	31	97	46	55	17(41)	93	16	83	24	80	10	89	36(114)	32 32 76 76 10 79 37 90(245)
98.4	6.8	77	77	30	30	97	46	55	16(41)	93	15	83	23	83	9	89	32(109)	30 30 77 77 9 83 33 89(250)
105.0	5.5	77	77	29	29	98	44	56	14(42)	94	13	84	22	83	7	90	32(110)	30 30 77 77 7 82 33 90(249)
111.5	4.2	77	77	28	28	98	44	55	14(42)	94	12	84	21	83	6	90	32(110)	29 29 77 77 6 82 32 90(249)
118.1	3.1	77	77	28	28	99	43	55	13(42)	94	11	84	21	83	5	90	31(110)	28 28 77 77 5 83 32 91(249)

 HA=208.0 HI= 55.8 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 = 222.4 ft Length of jib = 55.8 ft
 Main boom sequence = 100-100-100-100-100-100 % LK = 79
 Counterweight = 75.8 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]								(Pos.[Degrees])				0-360 Degr.				
		1(0)		2(...)				3(90)		4(...)		5(180)			6(...)			
		A	B	C	D	A	B	C	D	A	B	C	D		A	B	C	D
59.1	11.5	65	65	44	44	71	58	50	40(22)	72	39	67	41	71	38	67	42(94)	45 45 64 64 38 71 42 67(265)
65.6	11.5	69	69	41	41	79	54	52	33(33)	78	32	71	37	74	30	74	41(104)	42 42 68 68 30 74 41 74(255)

72.2	11.5	73	73	37	37	87	50	55	27(39)	84	26	76	32
		77	22	81	39(109)	38	38	71	71	22	77	39	81(250)
78.7	11.5	76	76	33	33	94	47	56	21(42)	90	20	81	27
		79	14	87	37(113)	34	34	75	75	14	79	38	87(246)
85.3	9.5	76	76	32	32	95	48	55	19(40)	91	18	81	26
		80	13	88	37(113)	33	33	75	75	13	79	37	88(246)
91.9	7.7	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)
98.4	6.2	76	76	30	30	96	46	55	17(41)	92	15	82	24
		79	9	89	35(114)	31	31	76	76	9	79	36	89(245)
105.0	4.9	77	77	29	29	97	45	55	15(41)	92	14	82	23
		83	9	88	32(109)	30	30	76	76	8	82	33	89(250)
111.5	3.5	77	77	29	29	97	44	55	15(42)	93	13	83	22
		82	7	89	32(110)	29	29	76	76	7	81	33	89(249)
118.1	2.4	77	77	28	28	97	43	55	14(42)	93	12	83	21
		82	6	89	32(110)	29	29	76	76	6	82	32	90(249)

 HA=222.4 HI= 55.8 GGW= 75.8 SL= 0.0 MAX(A,B,C,D)= 9.1 7.6 8.3 8.3

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

14.10.2003, 15:37:22

Eingabedatei: ilam.dat

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

Tabellendat.: /berechnung/tabellen/ac/ac200-1/serie_3/pc_tab/22137312_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 = 55.8 ft

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

Counterweight = 75.8 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
	1(0)		2(...)		3(90)		6(...)						
	A	B	C	D	A	B	C	D					
29.5	21.2	48	48	66	66	38	67	50	72(59)	41	74	43	69
		51	77	40	60(128)	68	68	46	46	77	51	60	40(232)
32.8	20.3	49	49	64	64	41	65	51	69(59)	43	72	45	67
		52	74	42	59(128)	66	66	47	47	74	52	59	42(232)
39.4	18.5	51	51	61	61	46	62	52	65(59)	48	66	48	63
		53	68	46	58(128)	63	63	50	50	68	53	58	46(232)

45.9	17.2	54	54	58	58	51	59	54	60(59)	52	62	52	59
		54	62	50	56(128)	60	60	52	52	62	54	56	50(232)
52.5	16.1	56	56	55	55	56	56	55	55(59)	56	57	55	55
		56	57	55	55(127)	56	56	55	55	57	56	55	55(232)
59.1	15.0	58	58	52	52	60	54	56	51(59)	60	52	58	52
		58	52	58	54(128)	54	54	57	57	52	58	54	58(232)
65.6	14.1	60	60	50	50	65	51	57	47(59)	63	48	60	49
		59	47	62	53(128)	51	51	59	59	47	59	53	62(232)
72.2	13.4	63	63	47	47	64	62	48	46(5)	68	43	64	45
		68	43	64	45(90)	48	48	62	62	43	68	45	64(270)
78.7	13.0	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)

HA= 40.7 HI= 55.8 GGW= 75.8 SL= 0.0 MAX(A,B,C,D)= 7.1 7.1 6.3 6.7

Main boom and fixed jib (jib angle 20.0 degrees)

Length of main boom = 54.5 ft Length of jib = 55.8 ft

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

Counterweight = 75.8 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.			
		1(0)		2(...)		3(90)		6(...)					
		A	B	C	D	A	B	C	D				
32.8	20.5	49	49	64	64	41	65	51	69(59)	43	72	45	67
		52	74	42	59(128)	66	66	48	48	74	52	59	42(232)
39.4	19.0	52	52	61	61	46	62	52	64(59)	48	66	49	63
		53	68	47	58(128)	63	63	50	50	68	53	58	47(232)
45.9	17.6	54	54	58	58	51	59	54	60(59)	52	62	52	59
		55	62	51	56(128)	60	60	52	52	62	55	56	51(232)
52.5	16.5	56	56	55	55	56	57	55	55(59)	56	57	55	55
		56	57	55	55(127)	57	57	55	55	57	56	55	55(232)
59.1	15.4	58	58	53	53	60	54	56	51(59)	60	52	58	52
		58	52	58	54(128)	54	54	57	57	52	58	54	58(232)
65.6	14.8	61	61	50	50	65	51	58	47(59)	64	48	61	49
		59	47	63	53(128)	51	51	60	60	47	59	53	63(232)
72.2	13.9	63	63	47	47	63	62	48	47(3)	68	44	63	45
		68	44	63	45(90)	49	49	62	62	44	68	45	63(270)
78.7	13.2	65	65	45	45	70	59	50	41(20)	71	39	67	42
		71	39	67	43(93)	46	46	64	64	39	71	43	67(266)
85.3	12.8	67	67	42	42	76	56	52	36(30)	76	35	70	39
		73	33	72	41(101)	43	43	66	66	33	73	42	72(258)
91.9	12.1	69	69	40	40	80	54	52	32(34)	79	31	73	36
		75	28	76	40(105)	41	41	68	68	28	74	40	76(254)

HA= 54.5 HI= 55.8 GGW= 75.8 SL= 0.0 MAX(A,B,C,D)= 7.5 6.9 7.0 7.0

Main boom and fixed jib (jib angle 20.0 degrees)

Length of main boom = 68.6 ft Length of jib = 55.8 ft

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

Counterweight = 75.8 kip

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

	4(...)				5(180)				6(...)				
	A	B	C	D	A	B	C	D	A	B	C	D	
39.4	18.7	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	17.6	54	54	58	58	51	60	54	60(59)	52	62	52	59
	55	63	50	56(128)	60	60	52	52	63	55	56	50(232)	
52.5	16.5	56	56	56	56	56	57	55	56(59)	56	57	54	56
	56	57	54	55(127)	57	57	55	55	57	56	55	54(232)	
59.1	15.4	58	58	53	53	60	54	56	52(59)	59	53	57	52
	58	52	58	54(128)	54	54	57	57	52	58	54	58(232)	
65.6	14.3	60	60	51	51	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	13.2	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)	
78.7	12.1	63	63	47	47	64	61	48	46(6)	68	43	63	45
	68	43	63	45(90)	48	48	62	62	43	68	45	63(270)	
85.3	11.2	64	64	45	45	68	59	49	42(18)	70	40	65	42
	70	39	66	43(91)	46	46	63	63	39	70	43	66(268)	
91.9	10.6	66	66	43	43	73	56	50	38(26)	73	36	68	40
	71	35	69	41(98)	44	44	65	65	35	71	42	69(261)	
98.4	9.9	67	67	41	41	76	54	51	34(31)	76	33	70	37
	73	31	72	40(102)	42	42	66	66	31	73	41	72(257)	
105.0	9.3	69	69	39	39	80	53	52	31(34)	78	30	72	35
	74	27	75	39(105)	40	40	68	68	27	74	40	75(254)	
111.5	8.8	71	71	37	37	84	50	53	27(38)	82	26	74	32
	75	23	78	38(108)	38	38	70	70	23	75	39	79(251)	

HA= 68.6 HI= 55.8 GGW= 75.8 SL= 0.0 MAX(A,B,C,D)= 7.8 7.0 7.3 7.3

Main boom and fixed jib (jib angle 20.0 degrees)
Length of main boom = 70.2 ft Length of jib = 55.8 ft
Main boom sequence = 0-0-0-0-0-100 % LK = 14
Counterweight = 75.8 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
	1(0)	2(...)	3(90)		1(0)	2(...)	3(90)						
	4(...)				5(180)				6(...)				
	A	B	C	D	A	B	C	D	A	B	C	D	
39.4	18.7	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	16.8	53	53	59	59	49	60	53	61(59)	50	63	50	60
	54	64	49	57(128)	60	60	51	51	64	54	57	49(232)	
52.5	15.2	54	54	56	56	53	58	54	58(59)	53	59	53	57
	55	59	52	56(128)	58	58	53	53	59	55	56	52(232)	
59.1	13.7	56	56	54	54	56	56	54	54(59)	56	56	54	54
	56	56	54	54(127)	56	56	54	54	56	56	54	54(232)	
65.6	12.6	57	57	52	52	59	54	55	51(59)	58	52	57	52
	57	52	57	54(128)	53	53	56	56	52	57	54	57(232)	
72.2	11.5	58	58	50	50	62	52	56	48(59)	61	49	58	50
	58	48	60	53(128)	52	52	58	58	48	58	53	60(232)	
78.7	10.6	60	60	49	49	65	50	57	45(59)	63	46	60	47
	58	45	62	52(128)	50	50	59	59	45	58	52	62(232)	
85.3	9.7	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)	

91.9	9.0	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)
98.4	8.6	64	64	43	43	71	56	49	39(24)	71	37	66	40
		70	36	67	41(96)	44	44	63	63	36	70	42	68(263)
105.0	7.9	66	66	41	41	74	55	50	36(29)	74	34	68	38
		71	33	70	40(100)	42	42	65	65	32	71	41	70(259)
111.5	7.7	68	68	39	39	79	52	52	32(34)	77	30	71	35
		73	28	74	39(105)	40	40	67	67	27	73	40	74(254)

 HA= 70.2 HI= 55.8 GGW= 75.8 SL= 0.0 MAX(A,B,C,D)= 7.3 6.8 6.9 6.9

Main boom and fixed jib (jib angle 20.0 degrees)
 Length of main boom = 82.3 ft Length of jib = 55.8 ft
 Main boom sequence = 0-0-0-0-45-90 % LK = 20
 Counterweight = 75.8 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.
	1(0)		2(...)		3(90)		6(...)		
	A	B C D	A B C D	A B C D	A B C D	A B C D			
39.4	18.7	51 51 61 61	46 62 52 65(59)	48 67 48 63					
		53 68 46 58(128)	63 63 50 50	68 53 58 46(232)					
45.9	17.6	54 54 58 58	51 59 54 60(59)	52 62 52 59					
		55 62 51 56(128)	60 60 52 52	62 55 56 51(232)					
52.5	16.8	56 56 55 55	56 57 55 55(59)	56 57 55 55					
		56 57 55 55(127)	57 57 55 55	57 56 55 55(232)					
59.1	15.7	58 58 52 52	61 54 56 51(59)	60 52 58 52					
		58 52 59 54(128)	54 54 57 57	52 58 54 59(232)					
65.6	14.8	61 61 50 50	65 52 57 47(59)	64 48 61 49					
		59 47 62 53(128)	51 51 59 59	47 59 53 62(232)					
72.2	13.9	63 63 48 48	63 63 48 48(0)	67 44 63 46					
		67 44 63 46(90)	49 49 61 61	44 67 46 63(270)					
78.7	13.0	64 64 45 45	68 60 49 43(17)	70 41 66 43					
		70 41 66 43(90)	47 47 63 63	40 70 43 66(269)					
85.3	11.9	65 65 44 44	71 58 50 39(24)	72 38 67 41					
		71 37 68 42(96)	45 45 64 64	37 71 42 68(263)					
91.9	11.2	67 67 42 42	76 55 51 35(30)	75 34 69 38					
		73 32 72 41(101)	43 43 66 66	32 73 41 72(258)					
98.4	10.6	69 69 40 40	79 53 52 32(34)	78 31 72 36					
		74 28 75 40(105)	41 41 68 68	28 73 40 75(254)					
105.0	10.1	71 71 38 38	84 51 53 28(37)	82 28 74 33					
		75 24 78 39(108)	39 39 70 70	24 75 39 78(251)					
111.5	9.5	72 72 36 36	87 49 54 26(39)	84 25 76 31					
		76 21 81 38(110)	37 37 71 71	21 76 39 81(249)					
118.1	9.3	74 74 34 34	92 47 56 22(42)	88 21 79 28					
		78 16 85 37(112)	34 34 73 73	16 77 38 85(247)					
124.7	8.8	76 76 32 32	95 47 55 18(41)	91 17 81 25					
		80 12 88 36(113)	32 32 75 75	12 79 37 88(246)					

 HA= 82.3 HI= 55.8 GGW= 75.8 SL= 0.0 MAX(A,B,C,D)= 8.8 7.3 8.2 8.2

Main boom and fixed jib (jib angle 20.0 degrees)
 Length of main boom = 84.0 ft Length of jib = 55.8 ft
 Main boom sequence = 0-0-0-0-45-100 % LK = 21

Counterweight = 75.8 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
	1(0)				2(...)					3(90)			
	4(...)				5(180)					6(...)			
A	B	C	D	A	B	C	D	A	B	C	D		
39.4	18.7	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	17.2	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	15.7	55	55	56	56	54	57	54	57(59)	54	58	53	56
		55	58	53	55(127)	57	57	54	54	58	55	55	53(232)
59.1	14.3	57	57	54	54	58	55	55	53(59)	57	54	56	54
		56	54	56	54(127)	55	55	56	56	54	56	54	56(232)
65.6	13.2	58	58	52	52	61	53	56	50(59)	60	51	58	51
		58	50	59	53(128)	53	53	57	57	50	58	53	59(232)
72.2	12.1	60	60	50	50	64	51	57	47(59)	63	48	60	48
		58	47	62	52(128)	51	51	59	59	47	58	52	62(232)
78.7	11.5	62	62	47	47	68	49	58	43(59)	66	44	62	46
		66	44	62	46(90)	49	49	61	61	44	66	46	62(270)
85.3	10.6	63	63	46	46	66	60	48	43(13)	69	41	64	43
		69	41	64	43(90)	47	47	62	62	41	69	43	64(270)
91.9	9.9	64	64	44	44	70	58	49	40(22)	71	38	66	41
		70	37	67	42(95)	45	45	63	63	37	70	42	67(264)
98.4	9.3	66	66	42	42	74	55	50	36(28)	74	35	68	39
		71	33	70	41(100)	43	43	65	65	33	71	41	70(259)
105.0	8.8	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	73(255)
111.5	8.2	69	69	38	38	80	52	52	30(35)	79	29	72	34
		74	26	76	39(106)	39	39	68	68	26	73	39	76(253)
118.1	7.9	71	71	36	36	85	50	53	26(38)	82	25	75	31
		75	21	79	38(109)	37	37	70	70	21	75	39	79(250)
124.7	7.5	73	73	34	34	88	48	54	23(40)	85	22	77	29
		77	18	82	37(111)	35	35	72	72	18	76	38	82(248)

HA= 84.0 HI= 55.8 GGW= 75.8 SL= 0.0 MAX(A,B,C,D)= 8.2 7.1 7.6 7.7

Main boom and fixed jib (jib angle 20.0 degrees)

Length of main boom = 96.5 ft Length of jib = 55.8 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		
45.9	17.4	54	54	58	58	51	59	54	60(59)	52	62	52	59
		55	62	50	56(128)	60	60	52	52	62	55	56	50(232)
52.5	16.8	57	57	55	55	57	56	55	55(59)	57	56	55	55
		57	56	55	55(127)	56	56	55	55	56	57	55	55(232)
59.1	15.9	59	59	52	52	62	54	56	50(59)	61	52	58	51
		58	51	59	54(128)	54	54	58	58	51	58	54	59(232)
65.6	15.0	61	61	50	50	66	51	58	47(59)	65	47	61	48
		60	46	63	53(128)	51	51	60	60	46	60	53	63(232)

72.2	14.1	63	63	47	47	64	62	48	47(5)	68	43	64	45
		68	43	64	45(90)	49	49	62	62	43	68	45	64(270)
78.7	13.4	65	65	45	45	70	59	50	41(21)	72	39	67	42
		71	39	67	43(94)	46	46	64	64	39	71	43	67(265)
85.3	12.6	67	67	43	43	75	56	51	37(28)	75	36	69	39
		73	34	71	41(99)	44	44	66	66	34	72	42	71(260)
91.9	11.9	69	69	41	41	79	54	52	33(33)	78	32	71	37
		74	30	74	41(104)	42	42	67	67	30	74	41	74(255)
98.4	11.2	70	70	39	39	82	52	53	30(36)	81	29	74	34
		75	26	77	40(107)	40	40	69	69	26	75	40	77(252)
105.0	10.6	72	72	37	37	86	50	54	27(39)	83	26	76	32
		76	22	80	39(109)	38	38	71	71	22	76	39	80(250)
111.5	10.1	74	74	35	35	90	48	55	23(41)	87	23	78	29
		78	18	83	38(111)	35	35	73	73	18	77	38	83(248)
118.1	9.7	75	75	33	33	94	47	56	20(42)	90	19	80	27
		79	14	86	37(113)	34	34	75	75	14	78	37	87(246)
124.7	9.0	77	77	31	31	96	47	55	18(41)	92	17	82	25
		79	11	89	36(114)	32	32	76	76	11	79	37	89(245)
131.2	8.6	78	78	29	29	99	45	56	15(42)	95	14	84	22
		84	8	91	33(110)	30	30	77	77	8	83	33	91(249)
137.8	7.9	79	79	28	28	101	43	57	13(43)	96	11	86	21
		84	5	92	32(111)	29	29	78	78	5	84	33	93(248)

 HA= 96.5 HI= 55.8 GGW= 75.8 SL= 0.0 MAX(A,B,C,D)= 9.4 7.8 8.6 8.6

Main boom and fixed jib (jib angle 20.0 degrees)

Length of main boom = 100.4 ft Length of jib = 55.8 ft

Main boom sequence = 0-0-0-0-100-100 % LK = 29

Counterweight = 75.8 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.			
		1(0)		2(...)		3(90)		6(...)					
		4(...)		5(180)		6(...)							
		A	B	C	D	A	B	C	D				
45.9	17.2	54	54	58	58	51	60	53	60(59)	52	62	51	59
		54	63	50	56(128)	60	60	52	52	63	54	56	50(232)
52.5	15.9	56	56	56	56	55	57	54	56(59)	55	58	54	56
		56	58	54	55(127)	57	57	54	54	58	56	55	54(232)
59.1	14.8	58	58	53	53	59	54	56	52(59)	59	53	57	53
		57	53	57	54(128)	54	54	56	56	53	57	54	57(232)
65.6	13.7	59	59	51	51	63	52	56	49(59)	62	50	59	50
		58	49	60	53(128)	52	52	58	58	49	58	53	60(232)
72.2	12.8	61	61	49	49	66	50	58	45(59)	65	46	62	47
		65	46	62	47(90)	50	50	60	60	46	65	47	62(270)
78.7	11.9	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)
85.3	11.2	64	64	45	45	69	58	49	41(20)	71	39	66	42
		70	39	67	42(93)	46	46	63	63	39	70	43	67(266)
91.9	10.6	66	66	43	43	73	56	50	37(27)	74	36	68	39
		72	34	70	41(99)	43	43	65	65	34	71	41	70(260)
98.4	9.9	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)
105.0	9.3	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)

111.5	8.8	71	71	37	37	84	50	53	28(38)	82	27	74	32
		75	23	78	39(108)	38	38	70	70	23	75	39	78(251)
118.1	8.2	72	72	36	36	86	49	54	25(39)	84	24	76	31
		76	20	80	38(110)	36	36	71	71	20	75	39	81(249)
124.7	7.7	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)
131.2	7.3	75	75	32	32	93	46	55	20(42)	89	19	80	26
		78	14	86	36(112)	33	33	74	74	13	78	37	86(247)
137.8	6.8	76	76	31	31	95	46	55	17(41)	91	16	82	24
		79	10	88	36(114)	31	31	75	75	10	78	36	88(245)

HA=100.4 HI= 55.8 GGW= 75.8 SL= 0.0 MAX(A,B,C,D)= 8.8 7.3 8.2 8.2

Main boom and fixed jib (jib angle 20.0 degrees)

Length of main boom = 110.2 ft Length of jib = 55.8 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)		6(...)						
	A	B	C	D	A	B	C	D					
45.9	17.4	54	54	58	58	52	59	54	59(59)	52	61	52	59
		55	62	51	56(128)	59	59	53	53	62	55	56	51(232)
52.5	16.5	57	57	55	55	57	56	55	55(59)	57	56	56	55
		57	56	56	55(127)	56	56	55	55	56	57	55	56(232)
59.1	15.9	60	60	52	52	63	53	57	50(59)	62	51	59	51
		59	50	60	54(128)	53	53	58	58	50	59	54	60(232)
65.6	15.2	62	62	49	49	68	51	58	45(59)	66	46	62	47
		66	46	62	47(90)	50	50	61	61	46	66	47	62(270)
72.2	14.6	64	64	46	46	68	60	49	44(15)	70	42	65	44
		70	42	65	44(90)	47	47	63	63	42	70	44	65(270)
78.7	13.7	66	66	44	44	73	58	50	39(25)	73	38	68	41
		72	37	69	42(97)	45	45	65	65	36	72	43	69(262)
85.3	13.0	68	68	41	41	78	55	52	35(32)	77	34	71	38
		74	32	73	41(103)	43	43	67	67	31	73	41	73(256)
91.9	12.3	70	70	39	39	82	53	53	31(36)	80	30	73	35
		75	27	77	40(106)	40	40	69	69	27	75	40	77(253)
98.4	11.9	73	73	37	37	87	50	55	27(39)	84	26	76	32
		77	22	81	39(109)	38	38	71	71	22	77	39	81(250)
105.0	11.2	74	74	35	35	91	48	56	23(41)	87	23	78	29
		78	18	84	38(111)	36	36	73	73	18	78	38	84(248)
111.5	10.6	76	76	33	33	94	47	56	21(42)	90	20	80	27
		79	14	86	37(113)	34	34	75	75	14	78	38	87(246)
118.1	10.1	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)
124.7	9.5	79	79	29	29	100	45	56	15(42)	95	14	85	22
		84	8	91	33(110)	30	30	78	78	8	84	33	91(249)
131.2	8.4	79	79	29	29	100	45	56	14(42)	95	13	85	22
		84	7	91	32(110)	30	30	78	78	7	84	33	91(249)
137.8	7.5	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	6.6	79	79	28	28	101	43	56	12(43)	96	11	86	20
		84	5	92	32(111)	28	28	78	78	4	84	32	93(248)

150.9 6.0 80 80 26 26 103 43 56 11(43) 97 9 86 19
 85 3 93 31(111) 27 27 79 79 3 84 31 94(248)

 HA=110.2 HI= 55.8 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 = 114.5 ft Length of jib = 55.8 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(...)								
	4(...)				5(180)								
	A	B	C	D	A	B	C	D	A	B	C	D	
52.5	16.1	56	56	55	55	56	56	55	55(59)	56	56	55	55
		56	57	55	55(127)	56	56	55	55	57	56	55	55(232)
59.1	15.0	58	58	52	52	60	54	56	51(59)	60	52	58	52
		58	52	58	54(128)	54	54	57	57	52	58	54	58(232)
65.6	13.9	60	60	50	50	64	52	57	47(59)	63	49	60	49
		59	47	62	53(128)	51	51	59	59	47	59	53	62(232)
72.2	13.2	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)
78.7	12.3	64	64	45	45	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	11.5	65	65	43	43	72	57	50	39(25)	73	37	67	41
		71	36	69	42(97)	45	45	64	64	36	71	42	69(262)
91.9	11.0	68	68	41	41	77	55	51	35(31)	76	34	70	37
		73	31	73	41(103)	42	42	67	67	31	73	41	73(256)
98.4	10.4	69	69	39	39	81	53	52	31(35)	79	30	72	35
		74	27	76	40(106)	40	40	68	68	27	74	40	76(253)
105.0	9.9	71	71	37	37	85	50	54	28(38)	82	27	75	32
		76	23	79	39(109)	38	38	70	70	23	75	39	79(250)
111.5	9.3	73	73	35	35	88	49	54	25(40)	85	24	77	30
		77	20	82	38(110)	36	36	72	72	19	76	38	82(249)
118.1	8.8	74	74	34	34	91	47	56	21(42)	88	21	79	28
		78	16	85	37(112)	34	34	73	73	16	77	38	85(247)
124.7	8.4	76	76	32	32	94	47	54	19(40)	91	18	81	26
		79	12	87	36(113)	32	32	75	75	12	79	37	88(246)
131.2	7.9	77	77	30	30	97	46	55	16(41)	93	15	83	23
		84	9	89	32(109)	31	31	77	77	9	83	33	89(250)
137.8	7.3	78	78	29	29	99	45	56	14(42)	95	13	84	22
		84	7	91	32(110)	29	29	77	77	7	83	33	91(249)
144.4	6.8	80	80	27	27	102	43	57	11(43)	97	10	86	20
		85	4	93	31(111)	28	28	79	79	4	84	32	93(248)
150.9	6.0	79	79	27	27	102	43	56	11(43)	97	10	86	19
		85	3	93	31(111)	27	27	79	79	3	84	32	93(248)

 HA=114.5 HI= 55.8 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 = 124.3 ft Length of jib = 55.8 ft
 Main boom sequence = 0-0-0-90-90-90 % LK = 45
 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					
52.5	16.3	57	57	55	55	57	56	55	54	(59)	57	56	56	54		
		57	56	56	55	(127)	56	56	56	56	56	57	55	56	(232)	
59.1	15.7	60	60	52	52	63	53	57	49	(59)	62	50	59	50		
		59	50	60	54	(128)	53	53	58	58	50	59	54	60	(232)	
65.6	15.0	62	62	49	49	68	50	58	45	(59)	66	46	63	47		
		66	46	63	47	(90)	50	50	61	61	46	66	47	63	(270)	
72.2	14.6	65	65	46	46	69	60	50	43	(18)	71	41	66	43		
		71	41	66	43	(91)	47	47	64	64	40	71	43	67	(268)	
78.7	13.9	67	67	43	43	75	57	51	37	(28)	75	36	69	40		
		73	35	71	42	(100)	44	44	66	66	34	73	42	71	(259)	
85.3	13.2	69	69	41	41	80	54	53	33	(34)	79	32	72	37		
		75	29	75	41	(105)	42	42	68	68	29	74	41	75	(254)	
91.9	12.8	72	72	38	38	85	51	54	28	(38)	83	28	75	33		
		77	24	79	39	(108)	39	39	71	71	24	76	40	80	(251)	
98.4	12.1	74	74	36	36	89	49	55	25	(40)	86	24	78	30		
		78	20	83	39	(111)	37	37	73	73	19	77	39	83	(248)	
105.0	11.7	76	76	33	33	94	47	56	21	(42)	90	20	81	27		
		80	15	87	37	(112)	34	34	75	75	15	79	38	87	(247)	
111.5	11.0	77	77	31	31	97	47	56	18	(41)	93	17	83	25		
		80	11	90	37	(114)	32	32	77	77	11	80	37	90	(245)	
118.1	10.4	79	79	30	30	100	45	56	15	(42)	95	14	85	23		
		85	8	91	33	(110)	30	30	78	78	8	84	34	91	(249)	
124.7	9.3	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	8.2	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	7.3	79	79	28	28	102	43	57	12	(43)	97	11	86	21		
		85	5	93	32	(111)	28	28	78	78	5	84	32	93	(248)	
144.4	6.4	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)	
150.9	5.7	80	80	26	26	103	42	56	10	(43)	98	9	87	19		
		86	2	94	30	(111)	27	27	79	79	2	85	31	94	(248)	
157.5	5.1	80	80	25	25	104	42	56	9	(43)	99	7	87	18		
		86	1	95	30	(111)	26	26	80	80	1	85	30	95	(248)	
164.0	4.2	80	80	25	25	104	42	56	9	(43)	98	7	87	18		
		86	1	94	30	(111)	26	26	79	79	1	85	30	95	(248)	

HA=124.3 HI= 55.8 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 20.0 degrees)
Length of main boom = 130.9 ft Length of jib = 55.8 ft
Main boom sequence = 0-0-0-100-100-100 % LK = 46
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					
52.5	15.9	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)	

59.1	15.0	59	59	52	52	62	54	56	50(59)	61	51	58	51
		58	51	59	54(128)	53	53	58	58	51	58	54	59(232)
65.6	14.1	61	61	49	49	66	51	58	46(59)	65	47	61	48
		60	46	63	52(128)	51	51	60	60	46	60	52	63(232)
72.2	13.2	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	12.6	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	11.9	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	71(258)
91.9	11.2	69	69	40	40	80	53	52	32(34)	78	32	72	36
		74	29	75	40(105)	41	41	68	68	29	74	41	75(254)
98.4	10.6	71	71	38	38	83	51	53	29(37)	81	28	74	34
		75	25	78	39(108)	39	39	70	70	24	75	40	78(251)
105.0	10.1	73	73	36	36	88	49	55	25(40)	85	24	77	31
		77	20	82	38(110)	37	37	72	72	20	77	39	82(249)
111.5	9.7	75	75	34	34	92	47	56	22(42)	88	21	79	28
		78	16	85	37(112)	35	35	74	74	16	78	38	85(247)
118.1	9.3	76	76	32	32	95	47	55	19(41)	91	18	82	25
		80	12	88	36(113)	32	32	75	75	12	79	37	88(246)
124.7	8.6	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)
131.2	8.2	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	7.3	79	79	28	28	102	43	57	12(43)	97	11	86	20
		85	5	93	32(111)	28	28	78	78	4	84	32	93(248)
144.4	6.4	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)
150.9	5.7	80	80	26	26	103	42	56	10(43)	98	9	87	19
		86	2	94	30(111)	27	27	79	79	2	85	31	94(248)
157.5	4.9	80	80	26	26	103	42	56	10(43)	98	9	86	19
		85	2	94	30(111)	27	27	79	79	2	84	31	94(248)
164.0	4.2	80	80	25	25	104	42	56	9(43)	98	7	87	18
		86	1	94	30(111)	26	26	79	79	1	85	30	95(248)

HA=130.9 HI= 55.8 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 = 138.1 ft Length of jib = 55.8 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(...)						
	A	B	C	D	A	B	C	D					
59.1	15.4	60	60	51	51	64	53	57	49(59)	63	50	60	50
		59	49	61	53(128)	52	52	59	59	49	59	53	61(232)
65.6	15.0	63	63	48	48	63	63	48	48(1)	68	44	64	46
		68	44	64	46(90)	49	49	62	62	44	68	46	64(270)
72.2	14.3	65	65	45	45	71	59	50	41(21)	72	40	67	42
		71	39	68	43(94)	46	46	64	64	39	71	43	68(265)
78.7	13.9	68	68	42	42	77	56	52	35(31)	77	35	71	39
		74	33	73	41(102)	43	43	67	67	32	73	42	73(257)

85.3	13.4	71	71	39	39	83	53	54	31(36)	81	30	74	35
		76	26	78	40(107)	40	40	70	70	26	75	41	78(252)
91.9	13.0	73	73	36	36	89	50	55	26(40)	86	25	77	31
		78	21	82	39(110)	37	37	72	72	21	77	39	82(249)
98.4	12.3	75	75	34	34	93	48	56	22(42)	89	21	80	28
		79	16	86	38(112)	35	35	74	74	16	79	38	86(247)
105.0	11.9	78	78	32	32	97	47	56	18(41)	93	17	83	25
		81	11	90	37(114)	33	33	77	77	11	80	37	90(245)
111.5	11.0	79	79	30	30	100	46	57	15(42)	95	15	85	23
		85	9	91	33(110)	31	31	78	78	9	84	34	91(249)
118.1	9.7	79	79	29	29	100	45	56	15(42)	95	14	85	22
		85	8	91	33(110)	30	30	78	78	8	84	33	91(249)
124.7	8.6	79	79	28	28	101	45	56	14(42)	96	13	85	22
		85	6	92	32(110)	29	29	78	78	6	84	33	92(249)
131.2	7.7	80	80	28	28	102	43	57	12(43)	97	11	86	21
		85	5	93	32(111)	28	28	79	79	4	84	32	93(248)
137.8	6.6	79	79	27	27	102	43	57	12(43)	97	11	86	20
		85	4	93	32(111)	28	28	78	78	4	84	32	93(248)
144.4	6.0	80	80	26	26	103	43	57	10(43)	98	9	87	19
		86	2	94	31(111)	27	27	79	79	2	85	31	94(248)
150.9	5.1	80	80	26	26	103	42	56	10(43)	98	8	87	19
		86	2	94	30(111)	26	26	79	79	2	85	31	94(248)
157.5	4.2	80	80	26	26	103	42	56	10(43)	98	8	86	18
		85	2	94	30(111)	26	26	79	79	2	84	31	94(248)
164.0	3.5	80	80	25	25	104	41	56	9(43)	98	7	87	18
		86	1	94	30(111)	26	26	79	79	0	85	30	95(248)

 HA=138.1 HI= 55.8 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 = 145.0 ft Length of jib = 55.8 ft

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

Counterweight = 75.8 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
	1(0)		2(...)		3(90)		6(...)						
	A	B	C	D	A	B	C	D					
59.1	15.0	60	60	51	51	63	53	57	49(59)	62	50	59	50
		58	49	60	53(128)	53	53	58	58	49	58	53	60(232)
65.6	14.3	62	62	49	49	68	50	58	45(59)	66	45	63	47
		66	45	63	47(90)	50	50	61	61	45	66	47	63(270)
72.2	13.4	64	64	46	46	68	60	49	43(15)	70	41	65	43
		70	41	65	43(90)	47	47	63	63	41	70	43	65(270)
78.7	12.8	66	66	43	43	73	57	50	38(26)	74	37	68	40
		72	35	70	42(98)	45	45	65	65	35	72	42	70(261)
85.3	12.1	69	69	41	41	78	55	52	34(32)	78	33	71	37
		74	30	74	41(104)	42	42	67	67	30	73	41	74(255)
91.9	11.5	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)
98.4	11.0	73	73	36	36	88	50	54	26(39)	85	25	77	31
		77	21	82	39(110)	37	37	72	72	21	77	39	82(249)
105.0	10.4	75	75	34	34	91	48	56	22(41)	88	22	79	28
		78	17	84	38(112)	35	35	73	73	17	78	38	85(247)

111.5	9.9	77	77	32	32	95	48	55	19(40)	91	18	82	26
		80	12	88	36(113)	33	33	76	76	12	79	37	88(246)
118.1	9.5	78	78	30	30	99	45	56	15(42)	95	14	84	23
		84	9	91	33(110)	31	31	77	77	8	83	34	91(249)
124.7	8.6	79	79	28	28	101	45	56	14(42)	96	12	85	22
		85	6	92	32(110)	29	29	78	78	6	84	33	92(249)
131.2	7.5	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)
137.8	6.6	79	79	27	27	102	43	57	12(43)	97	11	86	20
		85	4	93	32(111)	28	28	78	78	4	84	32	93(248)
144.4	6.0	80	80	26	26	103	43	57	10(43)	98	9	87	19
		86	2	94	31(111)	27	27	79	79	2	85	31	94(248)
150.9	5.1	80	80	26	26	103	42	56	10(43)	98	8	87	19
		86	2	94	30(111)	26	26	79	79	2	85	31	94(248)
157.5	4.2	80	80	26	26	103	42	56	10(43)	98	8	86	18
		85	2	94	30(111)	26	26	79	79	2	84	31	94(248)
164.0	3.5	80	80	25	25	103	41	56	9(43)	98	7	87	18
		86	1	94	30(111)	26	26	79	79	0	85	30	94(248)

 HA=145.0 HI= 55.8 GGW= 75.8 SL= 0.0 MAX(A,B,C,D)= 9.6 7.9 8.7 8.8

Main boom and fixed jib (jib angle 20.0 degrees)

Length of main boom = 152.2 ft Length of jib = 55.8 ft

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

Counterweight = 75.8 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
	1(0)		2(...)		3(90)		6(...)						
	A	B	C	D	A	B	C	D	A	B	C	D	
59.1	15.2	60	60	50	50	64	52	57	48(59)	63	49	60	49
		59	48	62	53(128)	52	52	59	59	48	59	53	62(232)
65.6	14.6	63	63	48	48	64	62	48	47(3)	68	44	64	46
		68	44	64	46(90)	49	49	62	62	44	68	46	64(270)
72.2	14.1	66	66	45	45	72	58	50	40(23)	73	39	68	42
		72	38	69	43(95)	46	46	65	65	38	72	43	69(264)
78.7	13.7	69	69	41	41	78	55	52	34(32)	78	34	71	38
		74	31	74	41(103)	43	43	68	68	31	74	41	74(256)
85.3	13.2	71	71	39	39	84	52	54	29(37)	82	29	75	34
		76	25	79	40(108)	40	40	70	70	25	76	40	79(251)
91.9	13.0	75	75	35	35	91	49	56	24(41)	88	24	79	30
		78	19	84	38(111)	37	37	73	73	19	78	39	84(248)
98.4	12.6	77	77	33	33	96	46	57	19(43)	92	19	82	26
		80	13	88	37(113)	34	34	76	76	13	80	38	88(246)
105.0	11.9	79	79	30	30	100	46	57	16(42)	95	15	85	24
		82	9	92	36(114)	31	31	78	78	9	81	37	92(245)
111.5	10.6	79	79	29	29	101	45	57	15(42)	96	14	85	22
		85	8	91	33(110)	30	30	78	78	8	84	33	92(249)
118.1	9.3	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	8.2	79	79	28	28	102	44	57	13(43)	97	12	86	21
		85	5	93	32(111)	29	29	78	78	5	84	33	93(248)
131.2	7.1	79	79	28	28	102	43	57	12(43)	97	11	86	20
		85	5	93	32(111)	28	28	79	79	4	84	32	93(248)

137.8	6.2	80	80	27	27	103	43	57	11(43)	97	10	86	19
	85	3	93	31(111)	27	27	79	79		3	84	32	94(248)
144.4	5.3	80	80	26	26	103	42	56	10(43)	98	9	87	19
	85	2	94	30(111)	27	27	79	79		2	85	31	94(248)
150.9	4.4	80	80	26	26	103	42	56	10(43)	98	8	87	18
	85	2	94	30(111)	26	26	79	79		2	84	31	94(248)
157.5	3.7	80	80	25	25	104	41	56	9(43)	99	7	87	17
	86	0	95	30(111)	26	26	80	80		0	85	30	95(248)
164.0	2.9	80	80	25	25	103	41	56	9(43)	98	7	87	18
	85	1	94	30(111)	26	26	79	79		0	84	30	94(248)

HA=152.2 HI= 55.8 GGW= 75.8 SL= 0.0 MAX(A,B,C,D)= 9.6 7.9 8.8 8.8

Main boom and fixed jib (jib angle 20.0 degrees)

Length of main boom = 161.4 ft Length of jib = 55.8 ft

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

Counterweight = 75.8 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
	1(0)		2(...)		3(90)		6(...)						
	A	B	C	D	A	B	C	D					
65.6	14.1	63	63	48	48	69	50	59	44(59)	67	45	63	46
		67	45	63	46(90)	49	49	61	61	45	67	46	63(270)
72.2	13.4	65	65	45	45	70	59	50	41(20)	72	40	67	42
		71	39	67	43(93)	46	46	64	64	39	71	43	67(266)
78.7	12.8	67	67	42	42	76	56	51	36(29)	76	35	70	39
		73	33	72	41(101)	43	43	66	66	33	73	42	72(258)
85.3	12.1	70	70	40	40	81	53	53	32(35)	79	31	73	36
		75	28	76	40(106)	41	41	69	69	28	74	41	76(253)
91.9	11.7	72	72	37	37	86	51	54	27(38)	84	26	76	32
		77	22	80	39(109)	38	38	71	71	22	76	39	80(250)
98.4	11.2	75	75	34	34	91	48	56	23(41)	88	22	79	29
		79	17	84	38(111)	35	35	73	73	17	78	38	84(248)
105.0	10.6	76	76	32	32	95	46	57	19(43)	91	19	81	26
		80	13	88	37(113)	33	33	75	75	13	79	37	88(246)
111.5	10.1	78	78	30	30	99	46	56	16(42)	95	15	84	23
		84	9	90	33(110)	31	31	78	78	9	84	34	91(249)
118.1	9.3	79	79	28	28	101	45	56	13(42)	96	12	86	22
		85	6	92	32(110)	30	30	78	78	6	85	33	92(249)
124.7	8.2	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)
131.2	7.1	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)
137.8	6.2	80	80	26	26	103	43	57	11(43)	98	9	87	19
		86	3	94	31(111)	27	27	79	79	3	85	32	94(248)
144.4	5.3	80	80	26	26	103	42	56	10(43)	98	8	87	19
		86	2	94	30(111)	27	27	79	79	2	85	31	94(248)
150.9	4.4	80	80	26	26	103	42	56	9(43)	98	8	87	18
		86	1	94	30(111)	26	26	79	79	1	85	31	94(248)
157.5	3.5	80	80	26	26	103	42	56	9(43)	98	8	87	18
		85	1	94	30(111)	26	26	79	79	1	84	30	94(248)
164.0	2.9	80	80	25	25	104	41	56	9(43)	98	7	87	17
		86	0	94	29(111)	25	25	79	79	0	85	30	95(248)

 HA=161.4 HI= 55.8 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 = 166.0 ft Length of jib = 55.8 ft
 Main boom sequence = 0-45-90-90-90-90 % LK = 68
 Counterweight = 75.8 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
	1(0)		2(...)		3(90)		4(180)						
	A	B	C	D	A	B	C	D		A	B	C	D
65.6	14.6	64	64	47	47	67	61	49	45(12)	70	42	65	44
		70	42	65	44(90)	48	48	63	63	42	70	44	65(270)
72.2	14.1	67	67	43	43	75	57	51	38(27)	75	37	69	40
		73	35	71	42(99)	45	45	66	66	35	73	42	71(260)
78.7	13.7	70	70	40	40	81	54	53	32(34)	80	32	73	36
		75	29	76	41(105)	41	41	69	69	29	75	41	76(254)
85.3	13.2	73	73	37	37	87	51	55	27(39)	85	26	77	32
		77	22	81	39(109)	38	38	72	72	22	77	39	81(250)
91.9	12.8	76	76	34	34	93	48	57	22(42)	89	22	80	28
		79	17	86	38(112)	35	35	75	75	17	79	38	86(247)
98.4	12.6	79	79	31	31	99	47	56	17(41)	95	16	84	24
		82	10	91	37(114)	32	32	78	78	10	81	37	91(245)
105.0	11.2	79	79	30	30	100	46	57	15(42)	96	14	85	23
		85	8	91	33(110)	31	31	78	78	8	84	34	92(249)
111.5	9.9	80	80	29	29	101	45	56	14(42)	97	13	86	22
		86	7	92	32(110)	30	30	79	79	7	85	33	92(249)
118.1	8.6	80	80	28	28	102	44	57	13(43)	97	12	86	21
		85	6	93	32(111)	29	29	79	79	5	84	33	93(248)
124.7	7.5	80	80	27	27	103	43	57	12(43)	97	10	86	20
		85	4	93	32(111)	28	28	79	79	4	84	32	93(248)
131.2	6.4	80	80	27	27	103	43	57	11(43)	98	10	86	19
		85	3	93	31(111)	28	28	79	79	3	85	32	94(248)
137.8	5.5	80	80	26	26	104	42	56	10(43)	98	8	87	19
		86	2	94	30(111)	27	27	79	79	2	85	31	95(248)
144.4	4.4	80	80	26	26	103	42	56	10(43)	98	8	86	19
		85	2	94	30(111)	26	26	79	79	2	84	31	94(248)
150.9	3.5	80	80	26	26	103	42	56	9(43)	98	8	86	18
		85	1	94	30(111)	26	26	79	79	1	84	31	94(248)
157.5	2.9	80	80	25	25	104	40	57	8(44)	99	7	87	17
		85	0	95	30(112)	25	25	79	79	0	84	30	95(247)

 HA=166.0 HI= 55.8 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 20.0 degrees)
 Length of main boom = 175.5 ft Length of jib = 55.8 ft
 Main boom sequence = 0-45-100-100-100-100 % LK = 69
 Counterweight = 75.8 kip

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

72.2	13.4	66	66	44	44	73	58	51	39(25)	73	38	68	41
		72	37	69	42(97)	45	45	65	65	37	72	43	69(262)
78.7	12.8	69	69	41	41	78	55	52	34(32)	78	33	71	37
		74	31	74	41(103)	42	42	67	67	31	74	41	74(256)
85.3	12.3	71	71	38	38	84	52	54	29(37)	82	28	75	34
		76	25	79	40(108)	39	39	70	70	25	76	40	79(251)
91.9	11.7	74	74	36	36	89	49	55	25(40)	86	24	78	30
		78	20	82	38(110)	37	37	73	73	20	77	39	83(249)
98.4	11.2	76	76	33	33	94	47	56	20(42)	90	20	81	27
		79	14	87	37(113)	34	34	75	75	14	79	38	87(246)
105.0	10.8	78	78	30	30	99	46	57	16(42)	94	15	84	24
		82	9	91	36(114)	31	31	77	77	9	81	37	91(245)
111.5	9.9	80	80	29	29	101	45	57	14(42)	97	13	86	22
		86	6	92	32(110)	30	30	79	79	6	85	33	93(249)
118.1	8.6	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)
124.7	7.5	80	80	27	27	103	43	57	11(43)	98	10	86	20
		86	4	94	31(111)	28	28	79	79	4	85	32	94(248)
131.2	6.4	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)
137.8	5.5	80	80	26	26	104	42	57	9(43)	99	8	87	18
		86	2	95	30(111)	26	26	80	80	1	85	31	95(248)
144.4	4.4	80	80	26	26	103	42	56	10(43)	98	8	87	18
		85	2	94	30(111)	26	26	79	79	1	85	31	94(248)
150.9	3.5	80	80	25	25	103	42	56	9(43)	98	8	87	18
		85	1	94	30(111)	26	26	79	79	1	85	30	94(248)
157.5	2.6	79	79	25	25	103	41	56	9(43)	98	7	86	18
		85	1	94	30(111)	26	26	79	79	1	84	30	94(248)

 HA=175.5 HI= 55.8 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 = 55.8 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)		6(...)						
	A	B	C	D	A	B	C	D					
72.2	13.7	67	67	43	43	75	56	52	37(29)	75	36	69	39
		73	34	71	42(100)	44	44	66	66	34	73	42	71(259)
78.7	13.4	71	71	39	39	83	53	54	31(36)	81	30	74	35
		76	27	77	40(107)	41	41	70	70	27	75	41	78(252)
85.3	13.0	74	74	36	36	89	50	55	26(40)	86	25	78	31
		78	21	82	39(110)	37	37	73	73	21	78	39	83(249)
91.9	12.6	77	77	33	33	95	47	57	21(43)	91	20	81	27
		80	15	87	38(113)	34	34	75	75	15	79	38	88(246)
98.4	12.3	80	80	30	30	101	46	57	15(42)	96	15	85	23
		85	9	92	33(110)	31	31	78	78	9	85	34	92(249)
105.0	10.8	80	80	29	29	101	45	57	14(42)	97	13	86	22
		86	7	92	32(110)	30	30	79	79	7	85	33	93(249)
111.5	9.3	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)

118.1	7.9	80	80	28	28	102	43	57	12(43)	97	11	86	21
	85	5	93	32(111)	28	28	79	79		4	84	32	93(248)
124.7	6.8	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)
131.2	5.7	80	80	26	26	103	42	57	10(43)	98	9	87	19
	86	2	94	31(111)	27	27	79	79		2	85	31	94(248)
137.8	4.6	80	80	26	26	103	42	56	10(43)	98	8	87	19
	85	2	94	30(111)	26	26	79	79		2	85	31	94(248)
144.4	3.7	80	80	25	25	104	42	56	9(43)	98	7	87	18
	86	1	94	30(111)	26	26	79	79		1	85	30	95(248)
150.9	2.9	80	80	25	25	104	41	56	9(43)	98	7	87	17
	86	0	94	29(111)	25	25	79	79		0	85	30	95(248)

 HA=180.1 HI= 55.8 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 = 191.9 ft Length of jib = 55.8 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)		6(...)					
		A	B	C	D	A	B	C	D				
72.2	13.0	67	67	43	43	74	57	51	38(27)	74	37	69	40
	73	35	70	42(98)	45	45	65	65		35	72	42	70(261)
78.7	12.8	70	70	40	40	81	53	53	32(35)	80	31	73	36
	75	28	76	41(106)	41	41	69	69		28	75	41	76(253)
85.3	12.3	73	73	37	37	87	50	55	27(39)	85	26	77	32
	77	22	81	39(109)	38	38	72	72		22	77	39	81(250)
91.9	11.7	75	75	34	34	92	48	56	22(42)	89	22	80	29
	79	17	85	38(112)	35	35	74	74		17	78	38	85(247)
98.4	11.2	78	78	31	31	97	47	56	18(41)	93	17	83	25
	81	11	90	37(114)	32	32	77	77		11	80	37	90(245)
105.0	10.4	79	79	29	29	101	45	57	15(42)	96	14	85	22
	85	8	91	33(110)	30	30	78	78		8	84	33	92(249)
111.5	8.8	79	79	29	29	101	45	56	14(42)	96	13	85	22
	85	7	92	32(110)	30	30	78	78		7	84	33	92(249)
118.1	7.5	79	79	28	28	101	44	56	13(42)	96	12	85	21
	85	6	92	32(110)	29	29	78	78		6	84	32	92(249)
124.7	6.4	79	79	27	27	102	43	57	12(43)	97	11	86	20
	85	4	93	32(111)	28	28	78	78		4	84	32	93(248)
131.2	5.3	79	79	27	27	102	43	56	11(43)	97	10	86	20
	85	3	93	31(111)	27	27	79	79		3	84	32	93(248)
137.8	4.4	80	80	26	26	103	42	56	10(43)	98	9	86	19
	85	2	94	30(111)	27	27	79	79		2	84	31	94(248)
144.4	3.5	80	80	25	25	103	42	56	9(43)	98	8	87	18
	85	1	94	30(111)	26	26	79	79		1	85	30	94(248)
150.9	2.6	80	80	25	25	103	41	56	9(43)	98	7	87	17
	85	0	94	30(111)	26	26	79	79		0	85	30	94(248)

 HA=191.9 HI= 55.8 GGW= 75.8 SL= 0.0 MAX(A,B,C,D)= 9.6 7.9 8.7 8.8

Main boom and fixed jib (jib angle 20.0 degrees)

Length of main boom = 193.9 ft Length of jib = 55.8 ft
 Main boom sequence = 45-90-90-90-90 % LK = 76
 Counterweight = 75.8 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]								(Pos.[Degrees])				0-360 Degr.	
		1(0)				2(...)				3(90)					
		A	B	C	D	A	B	C	D	A	B	C	D		
72.2	13.4	68	68	42	42	78	56	52	35	31	77	34	71	38	
		74	32	73	41	102	43	43	67	67	32	74	41	73	257
78.7	13.0	71	71	38	38	84	52	54	29	37	82	29	75	34	
		76	25	79	40	108	40	40	70	70	25	76	40	79	251
85.3	12.8	75	75	35	35	91	49	56	23	41	88	23	79	30	
		79	18	84	38	111	36	36	74	74	18	78	39	85	248
91.9	12.3	78	78	32	32	97	48	56	19	41	93	18	83	26	
		81	12	90	37	114	33	33	77	77	12	80	38	90	245
98.4	10.8	78	78	30	30	99	47	56	17	41	94	15	84	24	
		81	9	91	36	114	32	32	77	77	9	81	37	91	245
105.0	9.3	78	78	30	30	99	45	56	15	42	95	14	84	23	
		84	8	91	33	110	30	30	78	78	8	84	34	91	249
111.5	7.7	78	78	29	29	99	45	56	14	42	95	13	84	22	
		84	7	91	32	110	30	30	78	78	7	84	33	91	249
118.1	6.4	78	78	28	28	100	44	56	13	42	95	12	84	21	
		84	6	91	32	110	29	29	78	78	6	84	32	91	249
124.7	5.3	78	78	28	28	101	44	56	12	42	96	11	85	21	
		84	5	92	31	110	28	28	78	78	5	84	32	92	249
131.2	4.2	78	78	27	27	101	43	56	11	43	96	10	85	20	
		84	4	92	31	111	28	28	78	78	4	83	32	92	248
137.8	3.3	79	79	26	26	102	42	56	10	43	97	9	86	19	
		84	2	93	30	111	27	27	78	78	2	84	31	93	248
144.4	2.4	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

HA=193.9 HI= 55.8 GGW= 75.8 SL= 0.0 MAX(A,B,C,D)= 9.5 7.8 8.7 8.7

Main boom and fixed jib (jib angle 20.0 degrees)

Length of main boom = 205.7 ft Length of jib = 55.8 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)					
		A	B	C	D	A	B	C	D	A	B	C	D		
78.7	12.3	71	71	39	39	83	53	53	31	36	81	30	74	35	
		75	26	77	40	107	40	40	69	69	26	75	40	77	252
85.3	12.1	74	74	36	36	90	49	55	25	40	87	24	78	30	
		78	19	83	39	111	37	37	73	73	19	77	39	83	248
91.9	11.7	77	77	33	33	96	46	57	20	43	91	19	82	26	
		80	13	88	37	113	34	34	76	76	13	80	38	88	246
98.4	10.6	78	78	31	31	98	47	56	17	41	94	16	84	24	
		81	10	91	36	114	32	32	77	77	10	80	37	91	245
105.0	8.8	78	78	30	30	98	46	56	16	41	94	15	84	23	
		84	9	90	33	109	31	31	77	77	9	83	33	90	250

111.5	7.5	78	78	29	29	99	45	56	15(42)	95	13	84	22
	84	8	90	32(110)	30	30	77	77	7	83	33	91(249)	
118.1	6.2	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)	
124.7	5.1	78	78	28	28	100	44	56	13(42)	95	11	85	21
	84	5	91	31(110)	28	28	78	78	5	84	32	91(249)	
131.2	4.0	78	78	27	27	100	43	56	12(43)	95	11	85	20
	84	4	92	31(111)	28	28	78	78	4	83	32	92(248)	
137.8	2.9	78	78	27	27	100	42	56	12(43)	95	10	84	20
	83	4	91	31(111)	27	27	77	77	4	82	32	92(248)	

HA=205.7 HI= 55.8 GGW= 75.8 SL= 0.0 MAX(A,B,C,D)= 9.3 7.8 8.5 8.5

Main boom and fixed jib (jib angle 20.0 degrees)

Length of main boom = 208.0 ft Length of jib = 55.8 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(...)								
	4(...)				5(180)				6(...)				
	A	B	C	D	A	B	C	D	A	B	C	D	
78.7	12.6	72	72	38	38	86	51	54	28(38)	83	27	76	33
		77	24	80	39(109)	39	39	71	71	23	76	40	80(250)
85.3	12.3	76	76	34	34	93	48	57	22(42)	89	21	80	28
		79	16	86	38(112)	35	35	75	75	16	79	38	86(247)
91.9	11.2	77	77	32	32	96	47	56	19(41)	92	18	82	26
		81	12	89	37(113)	33	33	76	76	12	80	37	89(246)
98.4	9.5	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)
105.0	7.9	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)
111.5	6.4	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)
118.1	5.1	77	77	29	29	98	44	55	14(42)	93	13	83	22
		83	7	90	32(110)	29	29	77	77	7	82	33	90(249)
124.7	4.0	77	77	28	28	99	44	55	13(42)	94	12	84	21
		83	6	90	31(110)	28	28	77	77	6	83	32	90(249)
131.2	2.9	77	77	28	28	99	43	55	13(42)	94	11	84	21
		83	5	90	31(110)	28	28	77	77	5	83	32	91(249)

HA=208.0 HI= 55.8 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 = 222.4 ft Length of jib = 55.8 ft
 Main boom sequence = 100-100-100-100-100-100 % LK = 79
 Counterweight = 75.8 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
	1(0)				2(...)								
	4(...)				5(180)				6(...)				
	A	B	C	D	A	B	C	D	A	B	C	D	
85.3	11.2	74	74	35	35	90	49	56	24(41)	87	23	78	30
		78	19	83	38(111)	36	36	73	73	19	77	39	84(248)

91.9	10.6	77	77	32	32	95	46	57	19(43)	91	19	81	26
		80	13	88	37(113)	33	33	75	75	13	79	37	88(246)
98.4	8.8	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)
105.0	7.3	77	77	31	31	96	46	55	17(41)	92	16	82	24
		79	10	89	36(114)	31	31	76	76	10	79	37	89(245)
111.5	5.7	76	76	30	30	96	46	55	17(41)	92	15	82	24
		79	9	89	35(114)	31	31	76	76	9	78	36	89(245)
118.1	4.6	77	77	29	29	97	44	55	15(42)	93	14	83	22
		82	8	89	32(110)	30	30	76	76	8	82	33	89(249)
124.7	3.5	77	77	28	28	98	44	55	14(42)	93	13	83	22
		83	7	90	32(110)	29	29	76	76	7	82	32	90(249)
131.2	2.4	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)

HA=222.4 HI= 55.8 GGW= 75.8 SL= 0.0 MAX(A,B,C,D)= 9.1 7.6 8.3 8.3

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

14.10.2003, 15:37:22

Eingabedatei: ilam.dat

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

Tabellendat.: /berechnung/tabellen/ac/ac200-1/serie_3/pc_tab/22137312_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 = 55.8 ft

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

Counterweight = 75.8 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
	1(0)	2(59)	3(90)	4(...)	5(180)	6(232)	7(270)	8(315)					
	A	B	C	D	A	B	C	D	A	B	C	D	
45.9	15.2	49	49	62	62	41	63	50	67	43	69	45	65
		51	71	42	58(128)	64	64	47	47	71	51	58	42
52.5	14.3	51	51	59	59	46	60	52	62	48	64	48	61
		52	65	47	56(128)	61	61	50	50	65	52	56	47
59.1	13.7	54	54	56	56	52	57	53	58	52	59	52	57
		54	59	51	55(128)	58	58	52	52	59	54	55	51
65.6	13.2	57	57	53	53	58	54	55	52	58	53	56	53
		56	53	56	54(127)	54	54	56	56	53	56	54	56

72.2 13.0 60 60 50 50 65 51 57 47 63 48 60 48
 59 46 62 52(128) 51 51 59 59 46 59 52 62

HA= 40.7 HI= 55.8 GGW= 75.8 SL= 0.0 MAX(A,B,C,D)= 6.6 6.6 5.8 6.2

Main boom and fixed jib (jib angle 40.0 degrees)

Length of main boom = 54.5 ft Length of jib = 55.8 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(...)							
		4(...)				5(180)				6(...)			
		A	B	C	D	A	B	C	D	A	B	C	D
45.9	15.2	48	48	63	63	41	63	50	67(59)	43	69	45	65
		50	71	42	58(128)	64	64	47	47	71	50	58	42(232)
52.5	14.6	51	51	60	60	46	60	52	63(59)	48	64	48	61
		52	65	47	57(128)	61	61	50	50	65	52	57	47(232)
59.1	13.9	54	54	57	57	51	58	53	58(59)	52	59	52	57
		54	60	51	55(128)	58	58	52	52	60	54	55	51(232)
65.6	13.4	56	56	54	54	57	55	55	53(59)	57	54	55	53
		56	54	56	54(127)	55	55	55	55	54	56	54	56(232)
72.2	13.0	59	59	51	51	63	52	56	48(59)	62	49	59	50
		58	48	60	53(128)	52	52	58	58	48	58	53	60(232)
78.7	12.8	62	62	47	47	62	62	47	47(0)	67	44	63	45
		67	44	63	45(90)	49	49	61	61	44	67	45	63(270)
85.3	12.3	65	65	44	44	71	58	50	40(22)	72	39	67	41
		71	38	67	42(94)	45	45	64	64	38	71	42	67(265)

HA= 54.5 HI= 55.8 GGW= 75.8 SL= 0.0 MAX(A,B,C,D)= 6.7 6.6 6.3 6.3

Main boom and fixed jib (jib angle 40.0 degrees)

Length of main boom = 68.6 ft Length of jib = 55.8 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(...)							
		4(...)				5(180)				6(...)			
		A	B	C	D	A	B	C	D	A	B	C	D
52.5	14.6	51	51	60	60	46	61	52	63(59)	47	65	48	61
		52	66	46	57(128)	61	61	50	50	66	52	57	46(232)
59.1	13.9	53	53	57	57	51	58	53	58(59)	52	60	51	58
		54	60	50	56(128)	58	58	52	52	60	54	56	50(232)
65.6	13.2	56	56	54	54	56	55	54	54(59)	56	55	54	54
		56	55	54	54(127)	55	55	54	54	55	56	54	54(232)
72.2	12.3	58	58	52	52	60	53	56	50(59)	59	51	57	51
		57	51	58	53(128)	53	53	56	56	51	57	53	58(232)
78.7	11.7	60	60	49	49	64	51	57	47(59)	63	47	60	48
		58	46	62	52(128)	50	50	59	59	46	58	52	62(232)
85.3	11.0	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	10.4	63	63	45	45	68	58	49	42(18)	70	40	65	42
		70	40	65	42(90)	46	46	63	63	39	69	42	65(269)

98.4 9.7 65 65 43 43 73 56 50 37(27) 73 36 68 39
 71 35 69 41(98) 43 43 65 65 34 71 41 69(261)

HA= 68.6 HI= 55.8 GGW= 75.8 SL= 0.0 MAX(A,B,C,D)= 6.8 6.6 6.4 6.4

Main boom and fixed jib (jib angle 40.0 degrees)
 Length of main boom = 70.2 ft Length of jib = 55.8 ft
 Main boom sequence = 0-0-0-0-100 % LK = 14
 Counterweight = 75.8 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
	1(0)				2(...)								
	3(90)				4(...)								
	A	B	C	D	A	B	C	D	A	B	C	D	
52.5	13.9	50	50	60	60	44	61	51	64(59)	46	65	47	62
		52	67	45	57(128)	62	62	49	49	67	52	57	45(232)
59.1	12.8	52	52	58	58	48	59	52	60(59)	49	62	50	59
		53	62	48	56(128)	59	59	51	51	62	53	56	48(232)
65.6	11.9	54	54	56	56	52	56	53	56(59)	53	58	52	56
		54	58	52	55(128)	57	57	52	52	58	54	55	52(232)
72.2	11.0	55	55	53	53	56	54	54	53(59)	56	54	54	53
		55	54	55	54(127)	54	54	54	54	54	55	54	55(232)
78.7	10.1	57	57	51	51	59	52	55	50(59)	58	51	57	51
		56	50	58	53(128)	52	52	56	56	50	56	53	58(232)
85.3	9.5	59	59	49	49	63	50	56	47(59)	62	47	59	48
		58	46	61	52(128)	50	50	58	58	46	58	52	61(232)
91.9	9.0	61	61	47	47	67	48	57	43(59)	65	43	62	45
		65	43	62	45(90)	48	48	60	60	43	65	45	62(270)
98.4	8.6	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)

HA= 70.2 HI= 55.8 GGW= 75.8 SL= 0.0 MAX(A,B,C,D)= 6.4 6.4 6.0 6.0

Main boom and fixed jib (jib angle 40.0 degrees)
 Length of main boom = 82.3 ft Length of jib = 55.8 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(...)								
	A	B	C	D	A	B	C	D	A	B	C	D	
52.5	14.6	51	51	60	60	46	61	52	63(59)	47	64	48	61
		52	66	47	57(128)	61	61	50	50	66	52	57	47(232)
59.1	14.1	54	54	57	57	52	58	53	58(59)	52	59	52	57
		54	60	51	55(128)	58	58	52	52	60	54	55	51(232)
65.6	13.4	56	56	54	54	56	55	55	54(59)	56	55	55	54
		56	55	55	54(127)	55	55	55	55	55	56	54	55(232)
72.2	12.8	58	58	51	51	61	53	56	50(59)	60	50	58	50
		57	50	59	53(128)	52	52	57	57	50	57	53	59(232)
78.7	12.1	60	60	49	49	65	50	57	46(59)	64	47	61	47
		59	45	63	52(128)	50	50	59	59	45	59	52	63(232)
85.3	11.5	62	62	47	47	64	61	48	46(6)	67	43	63	45
		67	43	63	45(90)	48	48	61	61	43	67	45	63(270)

91.9	10.8	64	64	44	44	69	58	49	41(20)	71	39	66	42
		70	38	66	42(93)	45	45	63	63	38	70	42	67(266)
98.4	10.4	67	67	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)
105.0	9.9	69	69	39	39	80	53	52	32(34)	78	31	72	35
		74	28	75	40(105)	40	40	68	68	28	73	40	75(254)
111.5	9.5	71	71	37	37	84	50	54	28(38)	82	27	75	32
		76	23	79	39(108)	38	38	70	70	23	75	39	79(251)

HA= 82.3 HI= 55.8 GGW= 75.8 SL= 0.0 MAX(A,B,C,D)= 7.8 7.0 7.3 7.3

Main boom and fixed jib (jib angle 40.0 degrees)

Length of main boom = 84.0 ft Length of jib = 55.8 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		
59.1	13.2	52	52	58	58	49	58	52	59(59)	50	61	50	58
		53	62	49	56(128)	59	59	51	51	62	53	56	49(232)
65.6	12.1	54	54	55	55	53	56	53	56(59)	53	57	53	56
		54	58	52	55(127)	56	56	53	53	58	54	55	52(232)
72.2	11.5	56	56	53	53	57	54	55	52(59)	57	53	55	52
		56	53	56	54(127)	54	54	55	55	53	56	54	56(232)
78.7	10.6	58	58	51	51	60	52	56	49(59)	60	50	58	50
		57	49	59	53(128)	52	52	57	57	49	57	53	59(232)
85.3	10.1	60	60	49	49	65	50	57	45(59)	63	46	60	47
		58	44	62	52(128)	49	49	59	59	44	58	52	62(232)
91.9	9.5	62	62	46	46	62	61	47	46(4)	67	42	63	44
		67	42	63	44(90)	47	47	61	61	42	67	44	63(270)
98.4	9.0	64	64	44	44	69	58	49	41(20)	70	39	65	41
		70	38	66	42(92)	45	45	63	63	38	69	42	66(267)
105.0	8.6	66	66	42	42	73	55	50	36(28)	73	35	68	39
		71	33	70	41(100)	43	43	65	65	33	71	41	70(259)
111.5	8.2	68	68	39	39	78	53	51	32(33)	77	31	71	36
		73	28	74	39(104)	40	40	67	67	28	73	40	74(255)

HA= 84.0 HI= 55.8 GGW= 75.8 SL= 0.0 MAX(A,B,C,D)= 7.3 6.8 6.8 6.8

Main boom and fixed jib (jib angle 40.0 degrees)

Length of main boom = 96.5 ft Length of jib = 55.8 ft

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

Counterweight = 75.8 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.			
		1(0)		2(...)		3(90)		6(...)					
		A	B	C	D	A	B		C		D		
59.1	13.9	53	53	57	57	51	58	53	58(59)	52	60	52	58
		54	60	51	55(128)	58	58	52	52	60	54	55	51(232)
65.6	13.4	56	56	54	54	56	55	55	54(59)	56	55	55	54
		56	55	55	54(127)	55	55	55	55	55	56	54	55(232)

72.2	13.0	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	12.3	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	11.7	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	11.2	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	10.8	67	67	41	41	76	55	51	35(31)	76	34	70	38
		73	32	72	41(102)	42	42	66	66	32	73	41	72(257)
105.0	10.4	69	69	39	39	81	52	52	31(35)	80	30	73	35
		75	27	76	40(106)	40	40	69	69	27	74	40	76(253)
111.5	9.9	72	72	37	37	86	50	54	27(38)	83	26	75	32
		76	22	80	39(109)	37	37	71	71	22	76	39	80(250)
118.1	9.7	74	74	34	34	91	48	55	22(41)	88	21	79	28
		78	17	84	37(112)	35	35	73	73	16	77	38	84(247)

 HA= 96.5 HI= 55.8 GGW= 75.8 SL= 0.0 MAX(A,B,C,D)= 8.5 7.2 7.8 7.8

Main boom and fixed jib (jib angle 40.0 degrees)
 Length of main boom = 100.4 ft Length of jib = 55.8 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)		6(...)						
	A	B C D	A B C D	A B C D	A B C D	A B C D							
59.1	13.2	52	52	57	57	50	58	53	59(59)	50	61	50	58
		53	62	49	56(128)	59	59	51	51	62	53	56	49(232)
65.6	12.3	54	54	55	55	54	56	54	56(59)	54	57	53	55
		55	57	53	54(127)	56	56	53	53	57	55	54	53(232)
72.2	11.7	56	56	52	52	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	11.0	58	58	50	50	62	52	56	48(59)	61	49	58	49
		58	48	60	52(128)	51	51	58	58	48	58	52	60(232)
85.3	10.4	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)
91.9	9.9	62	62	46	46	65	60	48	44(10)	68	41	64	44
		68	41	64	44(90)	47	47	62	62	41	68	44	64(270)
98.4	9.5	65	65	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)
105.0	9.0	66	66	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)
111.5	8.6	68	68	39	39	79	53	52	31(34)	78	30	71	35
		74	28	75	39(105)	40	40	67	67	27	73	40	75(254)
118.1	8.2	70	70	37	37	83	51	53	28(37)	81	27	74	32
		75	23	78	39(108)	38	38	69	69	23	75	39	78(251)
124.7	7.7	72	72	35	35	88	48	54	24(40)	84	23	76	30
		76	19	81	37(110)	36	36	71	71	19	76	38	81(249)

 HA=100.4 HI= 55.8 GGW= 75.8 SL= 0.0 MAX(A,B,C,D)= 8.1 7.0 7.5 7.6

Main boom and fixed jib (jib angle 40.0 degrees)

Length of main boom = 110.2 ft Length of jib = 55.8 ft
 Main boom sequence = 0-0-0-45-90-90 % LK = 36
 Counterweight = 75.8 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]								(Pos.[Degrees])				0-360 Degr.					
		1(0)				2(...)				3(90)									
		4(...)				5(180)				6(...)									
A	B	C	D	A	B	C	D	A	B	C	D								
65.6	13.4	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	13.0	59	59	51	51	63	52	56	49	(59)	62	49	59	50					
		58	49	60	53	(128)	52	52	58	58	49	58	53	60	(232)				
78.7	12.6	62	62	48	48	68	50	58	44	(59)	66	45	62	46					
		66	45	62	46	(90)	49	49	61	61	45	66	46	62	(270)				
85.3	12.1	64	64	45	45	68	59	49	42	(17)	70	40	65	43					
		70	40	65	43	(90)	46	46	63	63	40	70	43	66	(269)				
91.9	11.5	66	66	43	43	73	56	50	38	(27)	74	36	68	40					
		72	35	69	41	(98)	44	44	65	65	35	72	42	70	(261)				
98.4	11.0	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)				
105.0	10.8	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)				
111.5	10.4	73	73	35	35	89	49	55	24	(40)	86	24	77	30					
		77	19	82	38	(111)	36	36	72	72	19	77	39	82	(248)				
118.1	9.9	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	9.7	78	78	30	30	98	46	56	17	(41)	94	15	83	24					
		81	9	90	36	(114)	31	31	77	77	9	80	36	90	(245)				
131.2	8.8	79	79	29	29	100	45	56	14	(42)	95	13	85	22					
		84	7	91	32	(110)	30	30	78	78	7	84	33	91	(249)				

HA=110.2 HI= 55.8 GGW= 75.8 SL= 0.0 MAX(A,B,C,D)= 9.3 7.8 8.5 8.5

Main boom and fixed jib (jib angle 40.0 degrees)
 Length of main boom = 114.5 ft Length of jib = 55.8 ft
 Main boom sequence = 0-0-0-45-100-100 % LK = 37
 Counterweight = 75.8 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]								(Pos.[Degrees])				0-360 Degr.					
		1(0)				2(...)				3(90)									
		4(...)				5(180)				6(...)									
A	B	C	D	A	B	C	D	A	B	C	D								
65.6	12.6	55	55	54	54	55	56	54	55	(59)	55	56	54	54					
		55	56	54	54	(127)	56	56	54	54	56	55	54	54	(232)				
72.2	11.9	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)				
78.7	11.2	59	59	50	50	63	51	56	47	(59)	62	48	60	48					
		58	47	61	52	(128)	50	50	58	58	47	58	52	61	(232)				
85.3	10.8	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	10.1	63	63	45	45	67	59	49	42	(17)	69	40	65	43					
		69	40	65	43	(90)	46	46	62	62	40	69	43	65	(269)				
98.4	9.7	65	65	43	43	73	56	50	37	(26)	73	36	68	39					
		71	35	69	41	(98)	43	43	65	65	35	71	41	69	(261)				

105.0	9.5	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)
111.5	9.0	70	70	38	38	83	51	53	29(37)	81	28	73	33
		75	24	77	39(107)	39	39	69	69	24	75	39	77(252)
118.1	8.6	72	72	36	36	87	49	54	25(39)	84	24	76	31
		76	20	81	38(110)	37	37	71	71	20	76	39	81(249)
124.7	8.2	74	74	34	34	91	47	55	22(41)	87	21	78	28
		77	16	84	37(112)	34	34	73	73	16	77	38	84(247)
131.2	7.9	76	76	31	31	95	46	55	18(41)	91	17	81	25
		80	11	88	36(113)	32	32	75	75	11	79	36	88(246)
137.8	7.5	78	78	29	29	99	45	56	15(42)	94	14	84	22
		84	8	90	32(110)	30	30	77	77	8	83	33	90(249)

 HA=114.5 HI= 55.8 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 = 124.3 ft Length of jib = 55.8 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					
65.6	13.4	57	57	53	53	58	54	55	52(59)	58	54	56	53
		56	53	56	54(127)	54	54	56	56	53	56	54	56(232)
72.2	13.0	60	60	50	50	63	52	57	48(59)	62	49	60	49
		58	48	61	53(128)	52	52	58	58	48	58	53	61(232)
78.7	12.8	62	62	47	47	63	62	48	47(2)	67	44	63	45
		67	44	63	45(90)	49	49	61	61	44	67	45	63(270)
85.3	12.1	65	65	45	45	69	59	49	41(20)	71	39	66	42
		71	39	66	43(92)	46	46	63	63	39	70	43	67(267)
91.9	11.7	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	71(258)
98.4	11.2	69	69	40	40	80	53	52	32(34)	79	31	72	35
		75	28	75	40(105)	41	41	68	68	28	74	40	76(254)
105.0	10.8	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)
111.5	10.6	74	74	34	34	91	48	56	23(41)	88	22	79	29
		78	17	84	37(111)	35	35	73	73	17	78	38	84(248)
118.1	10.1	76	76	32	32	95	48	55	19(40)	91	18	81	26
		80	13	88	37(113)	33	33	75	75	13	79	37	88(246)
124.7	9.7	78	78	30	30	99	45	56	15(42)	95	15	84	23
		84	9	90	33(110)	31	31	77	77	9	83	34	91(249)
131.2	8.6	78	78	29	29	100	45	56	14(42)	95	13	84	22
		84	7	91	32(110)	30	30	78	78	7	84	33	91(249)
137.8	7.7	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	6.6	79	79	28	28	101	43	56	12(43)	96	11	85	21
		84	5	92	32(111)	28	28	78	78	5	84	32	92(248)

 HA=124.3 HI= 55.8 GGW= 75.8 SL= 0.0 MAX(A,B,C,D)= 9.4 7.8 8.6 8.6

Main boom and fixed jib (jib angle 40.0 degrees)

Length of main boom = 130.9 ft Length of jib = 55.8 ft
 Main boom sequence = 0-0-0-100-100-100 % LK = 46
 Counterweight = 75.8 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.					
	1(0)				2(...)					3(90)				
	4(...)				5(180)					6(...)				
	A	B	C	D	A	B	C	D	A	B	C	D		
72.2	11.9	58	58	52	52	60	53	56	50	(59)	60	51	57	51
		57	50	58	53(128)	53	53	57	57		50	57	53	58(232)
78.7	11.2	60	60	49	49	64	50	57	46	(59)	63	47	60	48
		58	46	62	52(128)	50	50	59	59		46	58	52	62(232)
85.3	10.8	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)
91.9	10.4	64	64	44	44	70	58	49	40	(21)	71	38	66	41
		70	38	67	42(94)	45	45	63	63		38	70	42	67(265)
98.4	9.9	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)
105.0	9.5	69	69	39	39	80	53	52	32	(34)	78	31	72	35
		74	28	75	40(105)	40	40	68	68		28	73	40	75(254)
111.5	9.3	71	71	37	37	85	50	54	27	(38)	83	26	75	32
		76	22	79	39(109)	38	38	70	70		22	75	39	79(250)
118.1	9.0	74	74	34	34	90	48	55	23	(41)	87	22	78	29
		78	17	83	37(111)	35	35	73	73		17	77	38	84(248)
124.7	8.6	75	75	32	32	94	45	56	19	(43)	90	19	81	26
		79	13	87	37(113)	33	33	75	75		13	78	37	87(246)
131.2	8.2	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)
137.8	7.7	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	6.8	79	79	27	27	102	43	57	12	(43)	97	11	86	20
		85	4	93	32(111)	28	28	79	79		4	84	32	93(248)
150.9	6.0	80	80	27	27	103	43	56	11	(43)	97	9	86	19
		85	3	93	31(111)	27	27	79	79		3	84	32	94(248)

HA=130.9 HI= 55.8 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 = 138.1 ft Length of jib = 55.8 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	13.0	60	60	50	50	65	51	57	47	(59)	63	48	60	49
		59	47	62	52(128)	51	51	59	59		47	59	52	62(232)
78.7	12.6	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)
85.3	12.3	66	66	44	44	72	57	50	39	(25)	73	38	68	41
		71	37	69	42(97)	45	45	65	65		36	71	42	69(262)
91.9	11.9	68	68	41	41	78	55	52	34	(32)	77	33	71	37
		74	31	73	41(103)	42	42	67	67		31	73	41	74(256)

98.4	11.5	71	71	38	38	84	52	54	29(37)	81	29	74	34
		76	25	78	39(107)	39	39	70	70	25	75	40	78(252)
105.0	11.0	73	73	36	36	88	49	55	25(40)	86	24	77	31
		77	20	82	38(110)	37	37	72	72	20	77	39	82(249)
111.5	10.8	76	76	33	33	94	47	56	20(42)	90	20	81	27
		79	14	87	37(113)	34	34	75	75	14	78	38	87(246)
118.1	10.4	78	78	30	30	98	47	56	17(41)	94	15	84	24
		81	9	91	36(114)	31	31	77	77	9	80	37	91(245)
124.7	9.3	78	78	29	29	99	45	56	15(42)	95	14	84	23
		84	8	91	33(110)	30	30	78	78	8	84	33	91(249)
131.2	8.2	79	79	29	29	100	45	56	14(42)	95	13	85	22
		84	7	91	32(110)	30	30	78	78	7	84	33	91(249)
137.8	7.3	79	79	28	28	102	43	57	12(43)	97	11	86	21
		85	5	93	32(111)	28	28	78	78	5	84	32	93(248)
144.4	6.4	80	80	27	27	103	43	57	11(43)	97	10	86	19
		85	3	93	31(111)	28	28	79	79	3	84	32	94(248)
150.9	5.5	80	80	26	26	103	42	56	10(43)	98	9	87	19
		86	2	94	30(111)	27	27	79	79	2	85	31	94(248)
157.5	4.6	80	80	26	26	104	42	56	9(43)	98	8	87	18
		86	1	94	30(111)	26	26	79	79	1	85	31	95(248)

 HA=138.1 HI= 55.8 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 40.0 degrees)

Length of main boom = 145.0 ft Length of jib = 55.8 ft

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

Counterweight = 75.8 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.			
		1(0)		2(...)		3(90)		6(...)					
		4(...)		5(180)		6(...)							
		A	B	C	D	A	B	C	D	A	B	C	D
72.2	11.9	58	58	51	51	62	52	56	49(59)	61	50	58	50
		58	49	59	53(128)	52	52	57	57	49	58	53	59(232)
78.7	11.5	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)
85.3	11.0	63	63	45	45	67	60	49	43(15)	69	41	65	43
		69	41	65	43(90)	47	47	62	62	41	69	43	65(270)
91.9	10.6	66	66	43	43	73	57	50	38(26)	73	36	68	40
		71	35	69	41(98)	44	44	65	65	35	71	42	69(261)
98.4	10.1	68	68	40	40	78	54	52	33(33)	77	32	71	37
		73	30	74	40(104)	41	41	67	67	30	73	41	74(255)
105.0	9.7	70	70	38	38	83	51	53	29(37)	81	28	74	34
		75	25	77	39(107)	39	39	69	69	25	75	39	78(252)
111.5	9.5	73	73	35	35	88	49	55	24(40)	85	24	77	30
		77	19	82	38(110)	36	36	72	72	19	77	38	82(249)
118.1	9.0	75	75	33	33	93	47	56	21(42)	89	20	80	27
		78	15	86	37(112)	34	34	74	74	15	78	37	86(247)
124.7	8.8	77	77	30	30	97	46	55	17(41)	93	16	83	24
		80	9	90	36(114)	31	31	77	77	9	80	36	90(245)
131.2	8.2	78	78	29	29	100	45	56	14(42)	95	13	85	22
		84	7	91	32(110)	30	30	78	78	7	84	33	91(249)
137.8	7.3	79	79	28	28	101	43	57	13(43)	96	11	86	21
		84	5	92	32(111)	28	28	78	78	5	84	32	93(248)

144.4 6.4 80 80 27 27 102 43 57 11(43) 97 10 86 20
 85 4 93 31(111) 28 28 79 79 4 84 32 93(248)
 150.9 5.5 80 80 26 26 103 42 56 10(43) 98 9 86 19
 85 2 94 31(111) 27 27 79 79 2 84 31 94(248)
 157.5 4.6 80 80 26 26 103 42 56 10(43) 98 8 87 19
 85 2 94 30(111) 26 26 79 79 2 85 31 94(248)

 HA=145.0 HI= 55.8 GGW= 75.8 SL= 0.0 MAX(A,B,C,D)= 9.6 7.9 8.7 8.7

Main boom and fixed jib (jib angle 40.0 degrees)

Length of main boom = 152.2 ft Length of jib = 55.8 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	A	B	C	D
72.2	12.8	60	60	49	49	65	51	57	47(59)	64	47	61	48
		59	46	62	52(128)	50	50	59	59	46	59	52	62(232)
78.7	12.6	63	63	46	46	66	60	49	44(12)	69	42	65	44
		69	42	65	44(90)	47	47	62	62	42	69	44	65(270)
85.3	12.1	66	66	43	43	73	57	50	38(26)	74	37	68	40
		72	36	69	42(98)	44	44	65	65	35	72	42	70(261)
91.9	11.9	69	69	40	40	80	54	52	33(34)	79	32	72	36
		74	29	75	41(105)	41	41	68	68	29	74	41	75(254)
98.4	11.7	72	72	37	37	86	51	54	27(38)	84	27	76	32
		77	23	80	39(109)	38	38	71	71	22	76	39	80(250)
105.0	11.2	75	75	34	34	91	48	56	23(41)	88	22	79	29
		79	17	84	38(111)	35	35	73	73	17	78	38	84(248)
111.5	10.8	77	77	32	32	96	47	56	19(41)	92	18	82	26
		80	12	88	37(113)	33	33	76	76	12	80	37	89(246)
118.1	10.1	79	79	30	30	99	46	56	15(42)	95	15	84	23
		84	9	91	33(110)	31	31	78	78	9	84	34	91(249)
124.7	9.0	79	79	29	29	101	45	56	14(42)	96	13	85	22
		85	7	92	32(110)	30	30	78	78	7	84	33	92(249)
131.2	7.9	79	79	28	28	101	44	57	13(43)	97	12	86	21
		85	5	92	32(111)	29	29	78	78	5	84	33	93(248)
137.8	6.8	79	79	27	27	102	43	57	12(43)	97	11	86	20
		85	4	93	32(111)	28	28	78	78	4	84	32	93(248)
144.4	6.0	80	80	27	27	103	43	56	11(43)	97	9	86	19
		85	3	93	31(111)	27	27	79	79	3	84	32	94(248)
150.9	5.1	80	80	26	26	103	42	56	10(43)	98	8	87	19
		85	2	94	30(111)	27	27	79	79	2	85	31	94(248)
157.5	4.2	80	80	26	26	103	42	56	9(43)	98	8	87	18
		86	1	94	30(111)	26	26	79	79	1	85	31	94(248)
164.0	3.3	80	80	25	25	103	41	56	9(43)	98	7	87	18
		85	1	94	30(111)	26	26	79	79	0	85	30	94(248)

 HA=152.2 HI= 55.8 GGW= 75.8 SL= 0.0 MAX(A,B,C,D)= 9.6 7.9 8.7 8.8

Main boom and fixed jib (jib angle 40.0 degrees)

Length of main boom = 161.4 ft Length of jib = 55.8 ft
 Main boom sequence = 0-0-100-100-100-100 % LK = 63

Counterweight = 75.8 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.					
	1(0)				2(...)					3(90)				
	4(...)				5(180)					6(...)				
A	B	C	D	A	B	C	D	A	B	C	D			
78.7	11.5	62	62	47	47	68	49	58	43	(59)	66	44	62	46
		66	44	62	46	(90)	49	49	61	61	44	66	46	62(270)
85.3	11.0	64	64	45	45	69	59	49	41	(19)	71	39	66	42
		70	39	66	42	(92)	46	46	63	63	39	70	43	66(267)
91.9	10.6	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)
98.4	10.1	69	69	39	39	80	53	52	32	(34)	79	31	72	35
		74	28	75	40	(105)	40	40	68	68	28	74	40	75(254)
105.0	9.9	72	72	37	37	86	50	54	26	(39)	83	26	76	32
		76	22	80	39	(109)	37	37	71	71	22	76	39	80(250)
111.5	9.5	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)
118.1	9.3	77	77	31	31	96	47	55	18	(41)	92	17	82	25
		80	11	88	36	(113)	32	32	76	76	11	79	37	88(246)
124.7	8.8	79	79	29	29	100	45	56	15	(42)	95	13	85	22
		84	7	91	32	(110)	30	30	78	78	7	84	33	91(249)
131.2	7.7	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)
137.8	6.8	79	79	27	27	102	43	57	12	(43)	97	11	86	20
		85	4	93	32	(111)	28	28	79	79	4	84	32	93(248)
144.4	6.0	80	80	26	26	103	43	56	11	(43)	98	9	86	19
		85	3	94	31	(111)	27	27	79	79	3	84	32	94(248)
150.9	5.1	80	80	26	26	103	42	56	10	(43)	98	8	87	19
		86	2	94	30	(111)	26	26	79	79	2	85	31	94(248)
157.5	4.2	80	80	26	26	103	42	56	9	(43)	98	8	87	18
		86	1	94	30	(111)	26	26	79	79	1	85	31	94(248)
164.0	3.3	80	80	25	25	103	41	56	9	(43)	98	7	87	18
		85	1	94	30	(111)	26	26	79	79	1	85	30	94(248)

HA=161.4 HI= 55.8 GGW= 75.8 SL= 0.0 MAX(A,B,C,D)= 9.6 7.9 8.7 8.8

Main boom and fixed jib (jib angle 40.0 degrees)

Length of main boom = 166.0 ft Length of jib = 55.8 ft

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

Counterweight = 75.8 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.					
	1(0)				2(...)					3(90)				
	4(...)				5(180)					6(...)				
A	B	C	D	A	B	C	D	A	B	C	D			
78.7	12.3	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	12.1	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	11.9	70	70	39	39	82	52	53	31	(36)	80	30	73	35
		75	26	77	40	(107)	40	40	69	69	26	75	40	77(252)
98.4	11.7	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)

105.0	11.2	76	76	33	33	94	47	56	21(42)	90	20	81	27
		79	15	87	37(113)	34	34	75	75	14	79	38	87(246)
111.5	11.0	79	79	30	30	100	46	57	16(42)	95	15	85	23
		85	9	91	33(110)	31	31	78	78	9	84	34	91(249)
118.1	9.7	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	8.4	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	7.3	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	6.2	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)
144.4	5.3	80	80	26	26	103	42	56	10(43)	98	9	87	19
		85	2	94	30(111)	27	27	79	79	2	85	31	94(248)
150.9	4.4	80	80	26	26	104	42	56	9(43)	98	8	87	18
		86	1	94	30(111)	26	26	79	79	1	85	31	95(248)
157.5	3.5	80	80	25	25	104	41	56	9(43)	99	7	87	17
		86	0	95	30(111)	26	26	79	79	0	85	30	95(248)
164.0	2.6	80	80	25	25	104	41	56	8(43)	98	7	87	17
		86	0	94	29(111)	25	25	79	79	0	85	30	95(248)

 HA=166.0 HI= 55.8 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 40.0 degrees)

Length of main boom = 175.5 ft Length of jib = 55.8 ft

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

Counterweight = 75.8 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.			
		1(0)		2(...)		3(90)		6(...)					
		4(...)		5(180)		6(...)							
		A	B	C	D	A	B	C	D	A	B	C	D
85.3	11.0	65	65	44	44	71	57	50	39(24)	72	38	67	41
		71	37	68	42(96)	45	45	64	64	37	71	42	68(263)
91.9	10.6	68	68	41	41	77	54	52	34(32)	77	33	71	37
		73	31	73	41(103)	42	42	67	67	31	73	41	73(256)
98.4	10.1	70	70	38	38	83	51	53	29(37)	81	28	74	34
		75	25	77	39(107)	39	39	69	69	25	75	40	78(252)
105.0	9.9	73	73	35	35	89	49	55	24(40)	86	24	77	30
		77	19	82	38(111)	36	36	72	72	19	77	39	82(248)
111.5	9.7	76	76	32	32	95	46	57	19(43)	90	19	81	26
		79	13	87	37(113)	33	33	75	75	13	79	37	87(246)
118.1	9.3	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)
124.7	8.4	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	7.3	79	79	28	28	102	43	57	12(43)	97	11	86	21
		85	5	93	32(111)	28	28	79	79	4	84	32	93(248)
137.8	6.2	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)
144.4	5.3	80	80	26	26	103	42	56	10(43)	98	9	87	19
		85	2	94	30(111)	27	27	79	79	2	85	31	94(248)
150.9	4.4	80	80	26	26	104	42	56	9(43)	98	8	87	18
		86	1	94	30(111)	26	26	79	79	1	85	31	95(248)

157.5 3.5 80 80 25 25 104 41 56 9(43) 98 7 87 18
 86 0 94 30(111) 26 26 79 79 0 85 30 95(248)
 164.0 2.6 80 80 25 25 104 41 56 8(43) 98 7 87 17
 86 0 94 29(111) 25 25 79 79 0 85 30 95(248)

 HA=175.5 HI= 55.8 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 40.0 degrees)
 Length of main boom = 180.1 ft Length of jib = 55.8 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)		6(...)					
		A	B	C	D	A	B	C	D				
85.3	11.9	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)
91.9	11.7	71	71	38	38	84	52	54	29(37)	82	29	74	34
		76	25	78	39(107)	39	39	70	70	25	75	40	78(252)
98.4	11.5	74	74	35	35	90	49	56	24(41)	87	23	78	30
		78	19	84	38(111)	36	36	73	73	18	78	39	84(248)
105.0	11.2	77	77	32	32	96	47	56	19(41)	92	18	82	26
		81	12	89	37(113)	33	33	76	76	12	80	37	89(246)
111.5	10.6	79	79	29	29	100	45	57	15(42)	96	14	85	22
		85	8	91	33(110)	30	30	78	78	8	84	34	92(249)
118.1	9.0	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)
124.7	7.9	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)
131.2	6.8	80	80	27	27	103	43	57	11(43)	98	10	86	20
		85	4	93	31(111)	28	28	79	79	3	85	32	94(248)
137.8	5.7	80	80	26	26	103	43	56	10(43)	98	9	87	19
		85	2	94	31(111)	27	27	79	79	2	85	31	94(248)
144.4	4.6	80	80	26	26	103	42	56	10(43)	98	9	86	19
		85	2	94	30(111)	27	27	79	79	2	84	31	94(248)
150.9	3.7	80	80	25	25	104	42	56	9(43)	98	7	87	18
		86	1	94	30(111)	26	26	79	79	1	85	30	95(248)
157.5	2.9	80	80	25	25	104	41	56	8(43)	98	7	87	17
		86	0	95	29(111)	25	25	79	79	0	85	30	95(248)

 HA=180.1 HI= 55.8 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 40.0 degrees)
 Length of main boom = 191.9 ft Length of jib = 55.8 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)		6(...)					
		A	B	C	D	A	B	C	D				
85.3	11.0	66	66	43	43	74	56	50	37(27)	74	36	69	39
		72	34	70	41(99)	44	44	65	65	34	72	42	70(260)

91.9	10.6	69	69	40	40	80	53	52	32(34)	79	31	72	36
		74	28	75	40(105)	41	41	68	68	28	74	40	75(254)
98.4	10.1	72	72	37	37	85	50	54	27(38)	83	26	75	32
		76	22	80	39(109)	38	38	71	71	22	76	39	80(250)
105.0	9.9	75	75	34	34	91	48	55	22(41)	88	21	79	28
		78	16	85	37(112)	35	35	74	74	16	78	38	85(247)
111.5	9.7	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)
118.1	9.0	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)
124.7	7.7	79	79	28	28	101	44	57	13(43)	96	12	86	21
		85	6	92	32(111)	29	29	78	78	5	84	33	93(248)
131.2	6.6	80	80	27	27	102	43	57	12(43)	97	10	86	20
		85	4	93	31(111)	28	28	79	79	4	84	32	93(248)
137.8	5.5	80	80	27	27	103	43	56	11(43)	97	9	86	19
		85	3	93	31(111)	27	27	79	79	3	84	32	93(248)
144.4	4.4	79	79	26	26	102	42	56	10(43)	97	9	86	19
		85	3	93	31(111)	27	27	79	79	2	84	31	93(248)
150.9	3.5	79	79	26	26	103	42	56	9(43)	98	8	86	18
		85	2	94	30(111)	26	26	79	79	1	84	31	94(248)
157.5	2.6	79	79	25	25	103	41	56	9(43)	98	7	86	18
		85	1	94	30(111)	26	26	79	79	1	84	30	94(248)

 HA=191.9 HI= 55.8 GGW= 75.8 SL= 0.0 MAX(A,B,C,D)= 9.6 7.8 8.7 8.7

Main boom and fixed jib (jib angle 40.0 degrees)

Length of main boom = 193.9 ft Length of jib = 55.8 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)		6(...)					
		A	B	C	D	A	B		C		D		
85.3	11.7	69	69	41	41	79	54	52	34(33)	78	33	71	37
		74	30	74	41(104)	42	42	67	67	30	73	41	74(255)
91.9	11.5	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	11.2	75	75	34	34	93	47	56	22(42)	89	21	80	28
		79	16	86	38(112)	35	35	74	74	16	78	38	86(247)
105.0	11.2	79	79	30	30	100	46	57	16(42)	95	15	84	23
		84	9	91	34(110)	31	31	78	78	9	84	34	91(249)
111.5	9.5	78	78	30	30	99	45	56	15(42)	95	14	84	23
		84	8	91	33(110)	30	30	78	78	8	84	34	91(249)
118.1	8.2	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)
124.7	6.8	79	79	28	28	101	44	56	13(42)	96	12	85	21
		85	6	92	32(110)	29	29	78	78	6	84	32	92(249)
131.2	5.5	78	78	28	28	100	44	56	13(42)	96	11	85	21
		84	5	92	31(110)	28	28	78	78	5	84	32	92(249)
137.8	4.4	78	78	27	27	101	43	56	12(43)	96	10	85	20
		84	4	92	31(111)	28	28	78	78	4	83	32	92(248)
144.4	3.5	79	79	26	26	102	42	56	10(43)	97	9	86	19
		84	2	93	30(111)	27	27	78	78	2	84	31	93(248)

150.9 2.4 78 78 26 26 101 42 56 10(43) 96 9 85 19
 84 2 92 30(111) 26 26 78 78 2 83 31 93(248)

HA=193.9 HI= 55.8 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 40.0 degrees)

Length of main boom = 205.7 ft Length of jib = 55.8 ft
 Main boom sequence = 45-100-100-100-100-100 % LK = 77
 Counterweight = 75.8 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
	1(0)				2(...)								
	3(90)				4(...)								
	A	B	C	D	A	B	C	D	A	B	C	D	
91.9	10.6	70	70	38	38	83	52	53	30(36)	81	29	74	34
		75	26	77	39(107)	39	39	69	69	25	75	40	77(252)
98.4	10.1	73	73	35	35	88	49	55	25(40)	86	24	77	30
		77	20	82	38(110)	36	36	72	72	19	77	38	82(249)
105.0	9.9	76	76	32	32	95	46	57	19(43)	91	19	81	26
		80	13	87	37(113)	33	33	75	75	13	79	37	88(246)
111.5	9.3	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)
118.1	7.7	78	78	29	29	99	45	56	15(42)	94	14	84	23
		84	8	90	33(110)	30	30	77	77	8	83	33	90(249)
124.7	6.4	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)
131.2	5.3	78	78	28	28	100	44	56	13(42)	95	12	84	21
		84	6	91	31(110)	29	29	78	78	6	83	32	91(249)
137.8	4.2	78	78	27	27	100	43	55	12(42)	95	11	85	20
		84	5	91	31(110)	28	28	78	78	5	83	32	91(249)
144.4	3.3	78	78	26	26	101	42	56	11(43)	96	9	85	19
		84	3	92	31(111)	27	27	78	78	3	83	31	92(248)
150.9	2.2	78	78	26	26	100	42	56	11(43)	95	9	85	19
		83	3	92	31(111)	27	27	78	78	3	83	31	92(248)

HA=205.7 HI= 55.8 GGW= 75.8 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 = 208.0 ft Length of jib = 55.8 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	11.2	73	73	36	36	88	50	54	26(39)	85	25	77	31
		77	21	81	39(110)	37	37	72	72	21	77	39	82(249)
98.4	11.0	76	76	33	33	95	46	57	20(43)	90	19	81	27
		79	14	87	37(113)	34	34	75	75	14	79	38	87(246)
105.0	9.9	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)
111.5	8.4	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 6.8 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)
 124.7 5.5 77 77 29 29 98 44 56 14(42) 94 13 84 22
 83 7 90 32(110) 29 29 77 77 7 82 33 90(249)
 131.2 4.4 78 78 28 28 99 44 55 13(42) 94 12 84 21
 84 6 90 31(110) 28 28 77 77 6 83 32 91(249)
 137.8 3.3 78 78 27 27 99 43 55 13(42) 95 11 84 21
 84 5 91 31(110) 28 28 77 77 5 83 32 91(249)
 144.4 2.2 77 77 27 27 99 43 55 12(42) 94 11 84 20
 83 5 91 31(110) 28 28 77 77 4 83 31 91(249)

 HA=208.0 HI= 55.8 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 = 222.4 ft Length of jib = 55.8 ft
 Main boom sequence = 100-100-100-100-100-100 % LK = 79
 Counterweight = 75.8 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.
	1(0)		2(...)		3(90)		6(...)		
	A	B	C	D	A	B	C	D	
98.4 10.6	76	76	33	33	93	47	56	21(42)	90 20 80 27
	79	15	86	37(112)	34	34	75	75	15 79 38 86(247)
105.0 9.3	77	77	32	32	95	48	55	19(40)	91 18 82 26
	80	12	88	36(113)	33	33	75	75	12 79 37 88(246)
111.5 7.7	77	77	31	31	96	46	55	17(41)	92 16 82 24
	79	11	89	36(114)	32	32	76	76	10 79 37 89(245)
118.1 6.4	77	77	30	30	97	46	55	16(41)	92 15 82 23
	83	9	88	33(109)	31	31	76	76	9 82 33 89(250)
124.7 5.1	77	77	29	29	97	45	55	15(41)	93 14 83 23
	83	9	89	32(109)	30	30	76	76	8 82 33 89(250)
131.2 4.0	77	77	28	28	98	44	55	14(42)	93 13 83 22
	83	7	90	32(110)	29	29	76	76	7 82 32 90(249)
137.8 2.9	77	77	28	28	98	43	55	13(42)	93 12 83 21
	83	6	90	31(110)	28	28	77	77	6 82 32 90(249)

 HA=222.4 HI= 55.8 GGW= 75.8 SL= 0.0 MAX(A,B,C,D)= 9.1 7.6 8.3 8.3

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

14.10.2003, 15:37:22

Eingabedatei: ilam.dat

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

Tabellendat.: /berechnung/tabellen/ac/ac200-1/serie_3/pc_tab/22137312_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 = 55.8 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)									
	A	B	C	D	A	B	C	D	A	B	C	D		
9.8 33.1	44	44	72	72	30	73	49	81	(59)	34	84	38	76	
	49	88	33	63	(128)	74	74	42	42	88	49	63	33	(232)
11.5 32.6	45	45	70	70	33	71	49	79	(59)	36	82	40	74	
	49	85	35	62	(128)	72	72	43	43	85	49	62	35	(232)
13.1 32.2	47	47	69	69	35	70	50	77	(59)	38	79	41	73	
	50	82	37	62	(128)	71	71	45	45	82	50	62	37	(232)
14.8 31.5	48	48	68	68	37	69	50	75	(59)	40	77	43	71	
	51	80	39	61	(128)	70	70	46	46	80	51	61	39	(232)
16.4 30.9	49	49	67	67	39	68	51	73	(59)	42	75	44	69	
	51	78	40	60	(128)	68	68	47	47	78	51	60	40	(232)
19.7 29.8	50	50	64	64	43	65	52	69	(59)	45	71	47	66	
	53	73	44	59	(128)	66	66	49	49	73	53	59	44	(232)
23.0 28.2	52	52	62	62	46	63	53	65	(59)	48	67	49	63	
	54	69	47	58	(128)	63	63	50	50	69	54	58	47	(232)
26.2 26.9	53	53	60	60	49	61	53	62	(59)	50	64	50	61	
	54	65	49	57	(128)	61	61	52	52	65	54	57	49	(232)
29.5 25.4	54	54	58	58	52	59	54	60	(59)	53	61	52	59	
	55	62	51	56	(128)	60	60	53	53	62	55	56	51	(232)
32.8 24.0	55	55	56	56	54	58	54	57	(59)	55	58	54	56	
	56	59	53	56	(127)	58	58	54	54	59	56	56	53	(232)
39.4 21.8	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)
45.9 19.8	60	60	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)
52.5 18.1	61	61	47	47	67	49	58	44	(59)	65	44	62	46	
	65	44	62	46	(90)	49	49	60	60	44	65	46	62	(270)
59.1 16.8	63	63	45	45	66	59	48	43	(15)	69	40	64	43	
	69	40	64	43	(90)	46	46	62	62	40	69	43	64	(270)
65.6 15.4	64	64	43	43	71	56	49	38	(24)	72	37	67	40	
	70	35	68	41	(96)	44	44	64	64	35	70	41	68	(263)
72.2 14.3	66	66	41	41	75	54	50	34	(30)	74	33	69	37	
	72	31	71	40	(101)	41	41	65	65	31	71	40	71	(258)
78.7 13.7	68	68	38	38	79	51	52	30	(35)	78	29	71	34	
	73	26	75	39	(106)	39	39	67	67	26	73	39	75	(253)

HA= 40.7 HI= 55.8 GGW= 68.6 SL= 0.0 MAX(A,B,C,D)= 8.1 8.1 6.9 7.5

Main boom and fixed jib (jib angle 0.0 degrees)
 Length of main boom = 54.5 ft Length of jib = 55.8 ft
 Main boom sequence = 0-0-0-0-0-45 % LK = 7

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	
13.1	30.9	46	46	69	69	34	70	49	77(59)	37	80	40	73	
	50	83	36	62(128)		71	71	44	44	83	50	62	36(232)	
14.8	30.4	47	47	68	68	36	69	50	75(59)	39	78	42	71	
	50	80	38	61(128)		70	70	45	45	80	50	61	38(232)	
16.4	30.0	48	48	67	67	38	68	50	73(59)	41	76	43	70	
	51	78	40	60(128)		69	69	46	46	78	51	60	40(232)	
19.7	29.1	50	50	64	64	42	65	52	69(59)	44	72	46	67	
	52	74	43	60(128)		66	66	48	48	74	52	60	43(232)	
23.0	28.2	52	52	62	62	46	63	52	66(59)	48	68	48	64	
	53	69	46	58(128)		64	64	50	50	69	53	58	46(232)	
26.2	27.1	53	53	60	60	49	61	53	62(59)	50	64	50	61	
	54	65	49	57(128)		62	62	52	52	65	54	57	49(232)	
29.5	26.0	55	55	58	58	52	59	54	60(59)	53	61	52	59	
	55	62	52	56(128)		60	60	53	53	62	55	56	52(232)	
32.8	24.9	56	56	56	56	55	58	55	57(59)	55	58	54	56	
	56	58	54	56(127)		58	58	54	54	58	56	56	54(232)	
39.4	22.5	58	58	53	53	60	54	56	52(59)	59	53	57	52	
	57	52	58	54(128)		54	54	57	57	52	57	54	58(232)	
45.9	20.9	60	60	50	50	65	51	57	47(59)	64	48	61	48	
	59	46	62	52(128)		51	51	59	59	46	59	52	62(232)	
52.5	19.2	62	62	47	47	63	62	47	47(2)	67	43	63	45	
	67	43	63	45(90)		48	48	61	61	43	67	45	63(270)	
59.1	17.6	64	64	45	45	68	58	49	41(19)	70	39	65	42	
	70	39	65	42(91)		46	46	63	63	39	70	42	66(268)	
65.6	16.5	66	66	42	42	73	56	50	37(27)	73	35	68	39	
	71	34	70	41(99)		43	43	65	65	34	71	41	70(260)	
72.2	15.4	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)	
78.7	14.6	69	69	38	38	81	51	52	29(36)	80	28	73	34	
	74	25	76	39(107)		38	38	68	68	24	74	39	77(252)	
85.3	13.7	71	71	36	36	85	49	53	26(39)	82	25	75	31	
	75	21	79	38(109)		36	36	70	70	21	75	38	79(250)	
91.9	12.8	72	72	34	34	88	47	54	23(40)	85	22	77	29	
	76	17	82	37(111)		35	35	71	71	17	75	37	82(248)	

HA= 54.5 HI= 55.8 GGW= 68.6 SL= 0.0 MAX(A,B,C,D)= 8.2 7.7 7.6 7.6

Main boom and fixed jib (jib angle 0.0 degrees)

Length of main boom = 68.6 ft Length of jib = 55.8 ft

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

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	
16.4	28.2	47	47	67	67	36	68	50	74(59)	39	76	42	70	
	50	79	38	60(128)		69	69	45	45	79	50	60	38(232)	

19.7	27.6	49	49	65	65	40	66	51	70(59)	43	72	45	67
		51	75	42	59(128)	66	66	47	47	75	51	59	42(232)
23.0	26.9	51	51	62	62	44	63	52	67(59)	46	69	47	64
		53	70	45	58(128)	64	64	49	49	70	53	58	45(232)
26.2	26.2	52	52	60	60	48	62	53	63(59)	49	65	50	62
		54	66	48	58(128)	62	62	51	51	66	54	58	48(232)
29.5	25.6	54	54	58	58	52	60	54	60(59)	52	62	52	59
		55	62	51	57(128)	60	60	53	53	62	55	57	51(232)
32.8	24.5	56	56	56	56	54	58	54	57(59)	55	59	54	57
		56	59	53	56(127)	58	58	54	54	59	56	56	53(232)
39.4	22.7	58	58	53	53	60	54	56	52(59)	59	53	57	52
		58	52	58	54(128)	54	54	57	57	52	58	54	58(232)
45.9	20.9	60	60	50	50	65	51	57	47(59)	63	48	60	49
		59	47	62	53(128)	51	51	59	59	47	59	53	62(232)
52.5	19.2	62	62	47	47	69	49	58	43(59)	67	44	63	45
		67	44	63	45(90)	48	48	61	61	44	67	45	63(270)
59.1	17.2	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)
65.6	15.2	63	63	44	44	69	57	49	40(21)	70	38	65	41
		69	37	66	41(93)	45	45	63	63	37	69	42	66(266)
72.2	13.9	65	65	42	42	72	55	49	37(26)	72	35	67	39
		70	34	68	41(98)	43	43	64	64	34	70	41	69(261)
78.7	12.8	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)
85.3	11.9	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	10.8	68	68	37	37	80	50	51	29(36)	78	27	71	33
		73	24	75	38(107)	38	38	67	67	24	72	39	75(252)
98.4	10.1	69	69	35	35	83	49	52	26(38)	80	25	73	31
		74	21	77	37(108)	36	36	69	69	21	73	37	78(251)
105.0	9.5	70	70	34	34	85	47	52	24(39)	82	22	75	29
		75	18	80	37(110)	34	34	70	70	18	74	37	80(249)
111.5	8.8	71	71	33	33	87	45	53	21(41)	84	20	76	28
		75	15	81	36(111)	33	33	71	71	15	75	36	81(248)

 HA= 68.6 HI= 55.8 GGW= 68.6 SL= 0.0 MAX(A,B,C,D)= 8.1 7.3 7.6 7.6

Main boom and fixed jib (jib angle 0.0 degrees)
 Length of main boom = 70.2 ft Length of jib = 55.8 ft
 Main boom sequence = 0-0-0-0-0-100 % LK = 14
 Counterweight = 68.6 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
	1(0)		2(...)		3(90)		6(...)						
	A	B	C	D	A	B	C	D					
16.4	28.0	47	47	67	67	36	68	50	74(59)	39	76	42	70
		50	79	38	60(128)	69	69	45	45	79	50	60	38(232)
19.7	27.3	49	49	65	65	40	66	51	70(59)	43	72	45	67
		51	75	41	59(128)	66	66	47	47	75	51	59	41(232)
23.0	26.7	50	50	63	63	44	63	52	67(59)	46	69	47	64
		52	71	45	58(128)	64	64	49	49	71	52	58	45(232)
26.2	26.0	52	52	60	60	48	62	53	63(59)	49	65	49	62
		54	66	48	58(128)	62	62	51	51	66	54	58	48(232)

29.5	25.4	54	54	58	58	51	60	54	60(59)	52	62	52	59
		55	63	51	57(128)	60	60	52	52	63	55	57	51(232)
32.8	24.0	55	55	57	57	54	58	54	58(59)	54	59	53	57
		56	59	53	56(128)	58	58	54	54	59	56	56	53(232)
39.4	21.4	57	57	54	54	58	55	55	53(59)	57	54	56	53
		56	54	56	54(127)	55	55	56	56	54	56	54	56(232)
45.9	18.5	58	58	51	51	60	53	55	50(59)	59	51	57	51
		57	50	58	53(128)	52	52	56	56	50	57	53	58(232)
52.5	17.0	59	59	49	49	64	50	56	46(59)	62	47	60	48
		58	45	61	52(128)	50	50	58	58	45	58	52	61(232)
59.1	15.2	60	60	47	47	66	48	57	43(59)	65	43	61	45
		65	43	61	45(90)	48	48	60	60	43	65	45	61(270)
65.6	13.4	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	12.1	62	62	44	44	65	58	47	41(16)	68	39	64	41
		68	39	64	41(90)	45	45	61	61	39	68	41	64(270)
78.7	11.2	63	63	42	42	69	55	48	38(24)	70	35	65	39
		69	35	67	40(96)	43	43	63	63	34	69	41	67(263)
85.3	10.4	64	64	41	41	72	54	49	35(28)	72	33	67	37
		70	31	69	39(100)	41	41	64	64	31	70	40	69(259)
91.9	9.5	65	65	39	39	75	52	49	32(31)	74	31	68	35
		71	28	71	39(103)	39	39	65	65	28	70	39	71(256)
98.4	8.8	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)
105.0	8.2	67	67	36	36	80	49	51	28(36)	78	26	71	32
		72	23	75	37(107)	37	37	67	67	23	72	38	75(252)
111.5	7.7	69	69	35	35	82	48	52	25(38)	80	24	73	30
		73	20	77	37(109)	35	35	68	68	20	73	37	77(250)

 HA= 70.2 HI= 55.8 GGW= 68.6 SL= 0.0 MAX(A,B,C,D)= 7.6 7.3 7.2 7.2

Main boom and fixed jib (jib angle 0.0 degrees)
 Length of main boom = 82.3 ft Length of jib = 55.8 ft
 Main boom sequence = 0-0-0-0-45-90 % LK = 20
 Counterweight = 68.6 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.			
		1(0)		2(...)		3(90)		6(...)					
		A	B	C	D	A	B	C	D	A	B	C	D
19.7	26.7	48	48	65	65	40	65	50	70(59)	42	72	44	67
		51	75	41	59(128)	66	66	47	47	75	51	59	41(232)
23.0	26.0	50	50	62	62	44	63	52	67(59)	45	69	47	64
		52	71	44	58(128)	64	64	49	49	71	52	58	44(232)
26.2	25.4	52	52	60	60	47	62	52	63(59)	49	65	49	62
		53	67	47	57(128)	62	62	50	50	67	53	57	47(232)
29.5	24.9	54	54	58	58	51	60	54	60(59)	52	62	52	59
		55	63	50	56(128)	60	60	52	52	63	55	56	50(232)
32.8	24.3	56	56	56	56	54	58	54	57(59)	55	58	54	57
		56	59	53	56(127)	58	58	54	54	59	56	56	53(232)
39.4	22.9	58	58	53	53	61	54	56	51(59)	60	52	58	52
		58	52	59	54(128)	54	54	57	57	52	58	54	59(232)
45.9	21.4	61	61	49	49	66	51	58	46(59)	64	47	61	48
		60	46	63	52(128)	50	50	60	60	46	60	52	63(232)

52.5	19.8	63	63	47	47	65	61	48	45(9)	68	42	64	44
		68	42	64	44(90)	48	48	62	62	42	68	44	64(270)
59.1	18.3	65	65	44	44	70	58	49	40(22)	71	38	67	41
		71	38	67	42(94)	45	45	64	64	37	71	42	67(265)
65.6	16.8	66	66	42	42	74	55	50	36(29)	74	35	69	39
		72	33	70	41(100)	43	43	65	65	33	71	41	71(259)
72.2	15.2	67	67	40	40	77	53	51	33(32)	76	32	70	36
		73	30	73	40(103)	41	41	66	66	29	72	40	73(256)
78.7	13.9	68	68	38	38	80	52	52	30(35)	78	29	71	34
		73	26	75	39(106)	39	39	67	67	26	73	39	75(253)
85.3	13.0	70	70	37	37	83	50	52	27(37)	81	26	73	32
		74	22	78	38(108)	37	37	69	69	22	74	38	78(251)
91.9	12.1	71	71	35	35	86	48	53	24(39)	83	23	75	30
		75	19	80	37(110)	35	35	70	70	19	75	38	80(249)
98.4	11.2	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)
105.0	10.6	73	73	32	32	91	45	54	19(42)	87	18	78	26
		77	13	84	35(112)	32	32	73	73	13	77	36	84(247)
111.5	9.9	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	87(246)
118.1	9.5	76	76	28	28	96	43	55	14(42)	92	13	82	22
		81	7	88	32(110)	29	29	75	75	7	81	32	88(249)
124.7	8.6	76	76	28	28	97	43	54	13(42)	92	12	82	21
		82	6	89	31(110)	28	28	76	76	6	81	32	89(249)

 HA= 82.3 HI= 55.8 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 0.0 degrees)
 Length of main boom = 84.0 ft Length of jib = 55.8 ft
 Main boom sequence = 0-0-0-0-45-100 % LK = 21
 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	
19.7	26.2	48	48	65	65	39	66	50	70(59)	42	73	44	67
		51	75	41	59(128)	66	66	47	47	75	51	59	41(232)
23.0	25.8	50	50	63	63	43	63	51	67(59)	45	69	47	65
		52	71	44	58(128)	64	64	49	49	71	52	58	44(232)
26.2	25.1	52	52	60	60	47	62	52	63(59)	48	65	49	62
		53	67	47	57(128)	62	62	50	50	67	53	57	47(232)
29.5	24.7	54	54	58	58	51	60	54	60(59)	52	62	51	59
		54	63	50	56(128)	60	60	52	52	63	54	56	50(232)
32.8	24.0	55	55	56	56	54	58	54	57(59)	54	59	54	57
		56	59	53	56(127)	58	58	54	54	59	56	56	53(232)
39.4	22.0	58	58	53	53	59	54	56	52(59)	59	53	57	53
		57	53	57	54(128)	54	54	56	56	53	57	54	57(232)
45.9	20.1	60	60	50	50	63	52	57	48(59)	62	49	60	49
		58	48	61	53(128)	51	51	58	58	48	58	53	61(232)
52.5	17.9	61	61	48	48	66	49	57	45(59)	65	45	61	46
		65	45	61	46(90)	49	49	60	60	45	65	46	61(270)
59.1	16.3	62	62	46	46	64	60	47	44(9)	67	41	63	44
		67	41	63	44(90)	47	47	61	61	41	67	44	63(270)

65.6	15.0	63	63	44	44	69	57	49	40(21)	70	38	65	41
		69	37	66	41(93)	44	44	63	63	37	69	42	66(266)
72.2	13.4	64	64	42	42	71	55	49	37(26)	72	35	67	39
		70	34	68	40(97)	43	43	64	64	34	70	41	68(262)
78.7	12.1	65	65	41	41	73	54	50	35(29)	73	33	68	37
		71	31	70	40(101)	41	41	64	64	31	70	40	70(258)
85.3	11.5	67	67	39	39	77	52	50	31(33)	76	30	70	35
		72	27	73	39(105)	39	39	66	66	27	71	39	73(254)
91.9	10.6	68	68	37	37	80	50	51	29(36)	78	27	72	33
		73	24	75	38(107)	37	37	67	67	24	72	38	75(252)
98.4	9.7	69	69	36	36	82	49	52	26(37)	80	25	73	31
		73	21	77	37(108)	36	36	68	68	21	73	38	77(251)
105.0	9.0	70	70	34	34	84	47	52	24(39)	82	23	74	29
		74	19	79	37(110)	35	35	69	69	18	73	37	79(249)
111.5	8.6	71	71	33	33	88	45	53	21(41)	84	20	76	27
		75	15	82	36(111)	33	33	71	71	15	75	36	82(248)
118.1	8.2	73	73	31	31	90	45	53	19(40)	87	17	78	25
		76	12	84	35(112)	31	31	72	72	12	76	35	84(247)
124.7	7.5	73	73	30	30	91	45	53	17(40)	88	16	79	24
		77	10	85	35(113)	30	30	73	73	10	76	35	85(246)

HA= 84.0 HI= 55.8 GGW= 68.6 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 = 96.5 ft Length of jib = 55.8 ft
 Main boom sequence = 0-0-0-0-90-90 % LK = 28
 Counterweight = 68.6 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.			
		1(0)		2(...)		3(90)		6(...)					
		4(...)		5(180)		6(...)							
		A	B	C	D	A	B	C	D	A	B	C	D
23.0	24.5	49	49	63	63	42	63	51	67(59)	44	69	46	65
		51	71	43	58(128)	64	64	48	48	71	51	58	43(232)
26.2	24.0	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)
29.5	23.6	53	53	59	59	50	60	53	61(59)	50	62	50	60
		54	63	49	56(128)	60	60	52	52	63	54	56	49(232)
32.8	23.1	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)
39.4	22.3	58	58	53	53	60	54	56	52(59)	59	53	57	52
		58	52	58	54(128)	54	54	57	57	52	58	54	58(232)
45.9	20.9	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)
52.5	19.8	63	63	46	46	66	61	48	45(11)	69	42	64	44
		69	42	64	44(90)	47	47	62	62	42	69	44	64(270)
59.1	18.7	66	66	43	43	72	57	50	39(25)	73	37	68	40
		71	36	69	42(97)	44	44	65	65	36	71	42	69(262)
65.6	17.4	67	67	41	41	77	54	51	34(31)	76	33	70	37
		73	31	73	41(103)	42	42	67	67	31	72	41	73(256)
72.2	16.3	69	69	39	39	81	52	52	30(35)	79	29	73	34
		74	26	76	39(106)	39	39	68	68	26	74	39	76(253)
78.7	15.0	70	70	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)

85.3	13.9	72	72	35	35	87	48	54	24(40)	84	23	76	30
		76	19	81	37(110)	36	36	71	71	19	75	38	81(249)
91.9	13.0	73	73	33	33	90	47	54	21(41)	86	20	78	28
		77	15	84	37(112)	34	34	72	72	15	76	37	84(247)
98.4	12.1	74	74	32	32	92	47	54	19(40)	89	18	80	26
		78	12	86	36(113)	32	32	74	74	12	77	36	86(246)
105.0	11.2	75	75	30	30	94	45	54	17(41)	90	15	81	24
		78	9	88	35(114)	31	31	75	75	9	77	36	88(245)
111.5	10.4	76	76	29	29	96	45	54	15(41)	92	13	82	22
		82	8	88	32(109)	29	29	75	75	8	82	32	88(250)
118.1	9.3	76	76	28	28	97	43	55	14(42)	92	13	82	22
		82	7	88	32(110)	29	29	76	76	7	81	32	89(249)
124.7	8.4	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)
131.2	7.5	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)
137.8	6.8	77	77	26	26	98	42	54	11(42)	94	9	84	19
		83	3	90	30(110)	26	26	77	77	3	82	30	90(249)

HA= 96.5 HI= 55.8 GGW= 68.6 SL= 0.0 MAX(A,B,C,D)= 9.1 7.6 8.4 8.4

Main boom and fixed jib (jib angle 0.0 degrees)

Length of main boom = 100.4 ft Length of jib = 55.8 ft

Main boom sequence = 0-0-0-0-100-100 % LK = 29

Counterweight = 68.6 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
	1(0)		2(...)		3(90)		6(...)						
	A	B	C	D	A	B	C	D					
23.0	23.8	49	49	63	63	41	64	51	67(59)	43	69	45	65
		51	71	43	58(128)	64	64	47	47	71	51	58	43(232)
26.2	23.4	51	51	61	61	45	62	52	64(59)	47	66	48	62
		52	67	46	57(128)	62	62	49	49	67	52	57	46(232)
29.5	23.1	52	52	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)
32.8	22.7	54	54	57	57	52	58	54	58(59)	53	59	52	57
		55	60	52	56(128)	58	58	53	53	60	55	56	52(232)
39.4	21.6	57	57	53	53	59	54	56	52(59)	58	53	57	53
		57	53	57	54(128)	54	54	56	56	53	57	54	57(232)
45.9	20.3	60	60	50	50	64	51	57	47(59)	63	48	60	49
		59	47	62	52(128)	51	51	59	59	47	59	52	62(232)
52.5	18.5	62	62	47	47	68	49	58	43(59)	66	44	63	45
		66	44	63	45(90)	48	48	61	61	44	66	45	63(270)
59.1	17.0	63	63	45	45	67	59	49	42(17)	69	40	65	42
		69	40	65	42(90)	46	46	62	62	40	69	43	65(269)
65.6	15.7	65	65	43	43	71	56	49	38(25)	72	36	67	40
		71	35	68	41(97)	43	43	64	64	35	71	41	68(262)
72.2	14.6	66	66	41	41	76	54	50	34(31)	75	33	69	37
		72	30	71	40(102)	41	41	66	66	30	72	40	72(257)
78.7	13.2	67	67	39	39	78	52	51	31(34)	77	30	71	35
		73	27	74	39(105)	39	39	67	67	27	72	39	74(254)
85.3	12.1	68	68	37	37	81	50	52	29(36)	79	27	72	33
		73	24	76	38(107)	38	38	68	68	24	73	39	76(252)

91.9	11.0	69	69	36	36	83	49	52	26(38)	80	25	73	31
		74	22	77	37(108)	36	36	69	69	21	74	38	77(251)
98.4	10.4	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)
105.0	9.7	72	72	33	33	88	46	54	21(41)	85	20	77	27
		76	15	82	36(111)	33	33	71	71	15	75	36	82(248)
111.5	8.8	73	73	32	32	90	45	54	19(42)	86	18	78	26
		76	13	84	35(112)	32	32	72	72	13	76	36	84(247)
118.1	8.2	73	73	30	30	91	45	53	18(40)	88	16	79	24
		77	11	85	35(113)	31	31	73	73	11	76	35	85(246)
124.7	7.7	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)
131.2	7.3	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)
137.8	6.6	76	76	27	27	97	42	54	12(42)	93	10	83	20
		82	4	89	30(110)	27	27	76	76	4	81	31	90(249)

 HA=100.4 HI= 55.8 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 = 110.2 ft Length of jib = 55.8 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	A B C D						
26.2 23.1	51 51 60 60	45 62 52 64(59)	47 65 48 62						
	52 67 46 57(128)	62 62 49 49	67 52 57 46(232)						
29.5 22.9	53 53 58 58	49 60 53 60(59)	50 62 50 59						
	54 63 49 56(128)	60 60 51 51	63 54 56 49(232)						
32.8 22.5	54 54 56 56	53 58 54 57(59)	53 59 53 57						
	55 59 52 55(128)	58 58 53 53	59 55 55 52(232)						
39.4 21.6	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)						
45.9 20.7	61 61 49 49	66 50 58 46(59)	65 47 61 47						
	65 47 61 47(90)	50 50 60 60	47 65 47 61(270)						
52.5 19.6	64 64 46 46	67 60 49 43(14)	69 41 65 43						
	69 41 65 43(90)	47 47 63 63	41 69 43 65(270)						
59.1 18.7	66 66 43 43	74 56 51 37(28)	74 36 69 39						
	72 34 70 41(99)	44 44 65 65	34 72 42 70(260)						
65.6 17.9	69 69 40 40	80 53 52 32(34)	78 31 72 36						
	74 28 75 40(105)	41 41 68 68	28 74 40 75(254)						
72.2 16.8	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)						
78.7 15.9	73 73 35 35	89 48 54 24(40)	86 23 77 30						
	77 18 82 38(111)	35 35 72 72	18 76 38 82(248)						
85.3 14.8	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)						
91.9 13.9	76 76 31 31	95 46 55 18(41)	91 16 81 24						
	79 11 88 35(113)	32 32 75 75	11 79 36 88(246)						
98.4 12.6	76 76 30 30	96 45 55 16(41)	92 15 82 23						
	82 9 88 32(109)	30 30 76 76	9 82 33 88(250)						

105.0	11.2	77	77	29	29	97	44	55	15(42)	92	13	82	22
		82	8	89	32(110)	29	29	76	76	7	81	33	89(249)
111.5	9.9	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	8.8	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	7.7	76	76	27	27	97	43	54	13(42)	92	11	82	21
		82	6	89	31(110)	28	28	76	76	5	81	31	89(249)
131.2	7.1	77	77	26	26	98	42	54	11(42)	94	10	84	19
		83	4	90	30(110)	27	27	77	77	4	82	30	90(249)
137.8	6.2	77	77	26	26	98	42	54	11(42)	94	9	83	19
		82	3	90	30(110)	26	26	76	76	3	82	30	90(249)
144.4	5.5	77	77	26	26	99	41	55	10(43)	94	8	84	18
		82	2	91	30(111)	26	26	77	77	2	82	30	91(248)
150.9	4.9	77	77	25	25	99	40	55	9(43)	94	7	84	18
		82	1	91	29(111)	25	25	77	77	1	82	30	91(248)

 HA=110.2 HI= 55.8 GGW= 68.6 SL= 0.0 MAX(A,B,C,D)= 9.2 7.6 8.5 8.5

Main boom and fixed jib (jib angle 0.0 degrees)

Length of main boom = 114.5 ft Length of jib = 55.8 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	A B C D	A B C D					
26.2 22.5	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)						
29.5 22.3	52 52 59 59	49 60 52 61(59)	50 62 50 60						
	53 63 49 56(128)	60 60 51 51	63 53 56 49(232)						
32.8 21.8	54 54 57 57	52 58 54 58(59)	53 59 52 57						
	54 60 51 56(128)	58 58 53 53	60 54 56 51(232)						
39.4 20.9	57 57 53 53	59 54 55 52(59)	58 53 56 52						
	57 53 57 54(128)	54 54 56 56	53 57 54 57(232)						
45.9 20.3	61 61 49 49	65 51 57 46(59)	64 47 61 48						
	59 46 63 52(128)	50 50 59 59	46 59 52 63(232)						
52.5 19.0	63 63 46 46	65 60 48 45(10)	68 42 64 44						
	68 42 64 44(90)	47 47 62 62	42 68 44 64(270)						
59.1 17.6	65 65 44 44	71 57 49 39(23)	72 38 67 41						
	71 37 68 42(96)	45 45 64 64	37 71 42 68(263)						
65.6 16.3	67 67 41 41	75 55 51 35(30)	75 34 69 38						
	72 32 71 40(101)	42 42 66 66	32 72 41 71(258)						
72.2 15.2	68 68 39 39	79 52 52 31(34)	78 30 72 35						
	74 27 75 39(105)	40 40 67 67	27 73 39 75(254)						
78.7 14.1	70 70 37 37	83 50 52 28(37)	81 27 74 32						
	75 23 78 38(108)	38 38 69 69	23 74 39 78(251)						
85.3 13.0	71 71 35 35	86 49 53 25(39)	83 24 75 30						
	75 19 80 37(110)	36 36 70 70	19 75 38 80(249)						
91.9 12.1	73 73 33 33	89 47 54 22(41)	86 21 77 28						
	77 16 82 36(111)	34 34 72 72	16 76 37 83(248)						
98.4 11.0	73 73 32 32	91 45 55 20(42)	87 19 78 26						
	77 14 84 36(112)	33 33 73 73	13 76 36 84(247)						

105.0	10.4	75	75	30	30	93	46	53	17(40)	90	16	80	24
		78	10	86	35(113)	31	31	74	74	10	77	35	87(246)
111.5	9.7	76	76	29	29	96	44	54	15(41)	92	13	82	22
		82	8	88	31(109)	29	29	75	75	8	81	32	88(250)
118.1	8.8	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	7.7	76	76	27	27	97	43	54	13(42)	93	11	82	21
		82	6	89	31(110)	28	28	76	76	5	81	31	89(249)
131.2	6.8	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	6.2	77	77	26	26	98	42	54	11(42)	94	9	84	19
		82	3	90	30(110)	26	26	77	77	3	82	30	90(249)
144.4	5.5	77	77	25	25	99	41	55	10(43)	94	8	84	18
		82	2	91	30(111)	26	26	77	77	2	82	30	91(248)
150.9	4.9	77	77	25	25	100	40	55	9(43)	95	7	84	18
		82	1	91	29(111)	25	25	77	77	1	82	30	91(248)

 HA=114.5 HI= 55.8 GGW= 68.6 SL= 0.0 MAX(A,B,C,D)= 9.3 7.6 8.5 8.5

Main boom and fixed jib (jib angle 0.0 degrees)
 Length of main boom = 124.3 ft Length of jib = 55.8 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)		6(...)						
	A	B	C	D	A	B	C	D	A	B	C	D	
29.5	21.6	52	52	58	58	48	60	52	61(59)	49	62	50	60
		53	63	49	56(128)	60	60	51	51	63	53	56	49(232)
32.8	21.4	54	54	56	56	52	58	54	58(59)	53	59	52	57
		54	60	52	55(128)	58	58	53	53	60	54	55	52(232)
39.4	20.7	58	58	53	53	59	54	56	52(59)	59	52	57	52
		57	52	57	54(128)	54	54	56	56	52	57	54	57(232)
45.9	19.8	61	61	49	49	65	50	57	46(59)	64	47	61	48
		59	45	63	52(128)	50	50	60	60	45	59	52	63(232)
52.5	19.2	64	64	46	46	67	60	49	43(15)	69	41	65	43
		69	41	65	43(90)	47	47	63	63	41	69	43	65(270)
59.1	18.3	66	66	42	42	74	56	51	37(28)	74	35	69	39
		72	34	70	41(100)	43	43	65	65	34	72	42	71(259)
65.6	17.6	69	69	39	39	81	53	52	31(35)	79	30	72	35
		74	27	76	40(106)	40	40	68	68	27	74	40	76(253)
72.2	16.8	72	72	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)
78.7	16.1	74	74	34	34	91	47	55	22(41)	88	21	79	28
		78	16	84	37(112)	35	35	73	73	16	77	38	84(247)
85.3	15.2	76	76	31	31	95	47	55	18(41)	91	17	81	25
		79	11	88	36(113)	32	32	75	75	11	79	37	88(246)
91.9	13.9	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)
98.4	12.1	77	77	29	29	96	45	54	15(41)	92	14	82	23
		82	9	88	32(109)	30	30	76	76	8	82	33	89(250)
105.0	10.8	77	77	28	28	97	44	55	14(42)	93	13	83	22
		82	7	89	32(110)	29	29	76	76	7	82	32	89(249)

111.5	9.5	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)
118.1	8.4	77	77	27	27	98	43	54	13(42)	93	11	83	21
		82	5	90	31(110)	28	28	76	76	5	82	31	90(249)
124.7	7.3	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)
131.2	6.6	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)
137.8	5.7	77	77	26	26	99	41	55	10(43)	94	8	84	19
		82	2	91	30(111)	26	26	77	77	2	82	30	91(248)
144.4	5.1	77	77	25	25	100	40	55	9(43)	95	7	84	18
		83	1	91	29(111)	25	25	77	77	1	82	30	92(248)
150.9	4.2	77	77	25	25	99	40	54	9(43)	94	8	84	18
		82	1	91	29(111)	25	25	77	77	1	81	30	91(248)
157.5	3.5	77	77	25	25	99	40	54	9(43)	94	7	84	18
		82	1	91	29(111)	25	25	77	77	1	81	30	91(248)
164.0	3.1	77	77	24	24	100	39	54	8(43)	95	6	84	17
		82	0	92	28(111)	24	24	77	77	0	81	29	92(248)

 HA=124.3 HI= 55.8 GGW= 68.6 SL= 0.0 MAX(A,B,C,D)= 9.3 7.6 8.5 8.6

Main boom and fixed jib (jib angle 0.0 degrees)

Length of main boom = 130.9 ft Length of jib = 55.8 ft

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

Counterweight = 68.6 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
	1(0)		2(...)		3(90)		6(...)						
	A	B	C	D	A	B	C	D					
32.8	20.3	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)
39.4	19.8	57	57	53	53	58	54	55	52(59)	58	53	56	53
		56	53	56	54(127)	54	54	56	56	53	56	54	56(232)
45.9	19.2	60	60	49	49	64	51	57	47(59)	63	47	60	48
		58	46	62	52(128)	50	50	59	59	46	58	52	62(232)
52.5	18.5	63	63	46	46	65	60	48	44(11)	68	42	64	44
		68	42	64	44(90)	47	47	62	62	42	68	44	64(270)
59.1	17.4	65	65	43	43	72	57	50	38(25)	73	37	67	40
		71	36	69	41(97)	44	44	64	64	35	71	42	69(262)
65.6	16.5	68	68	40	40	78	54	51	33(32)	77	32	71	37
		73	30	73	40(104)	41	41	67	67	29	73	41	73(255)
72.2	15.4	70	70	38	38	82	51	52	29(36)	80	28	73	34
		75	25	77	39(107)	39	39	69	69	25	74	39	77(252)
78.7	14.6	72	72	35	35	86	49	54	25(39)	84	24	76	30
		76	20	80	38(110)	36	36	71	71	20	75	38	80(249)
85.3	13.4	73	73	34	34	90	47	54	22(41)	86	21	78	28
		77	16	83	37(111)	34	34	72	72	16	77	37	83(248)
91.9	12.6	74	74	32	32	92	47	54	19(40)	89	18	80	26
		78	12	86	36(113)	32	32	74	74	12	77	37	86(246)
98.4	11.7	76	76	30	30	95	45	54	16(41)	91	15	82	24
		78	9	88	35(114)	30	30	75	75	9	78	36	88(245)
105.0	10.6	76	76	29	29	97	44	55	15(42)	92	13	82	22
		82	7	89	32(110)	29	29	76	76	7	81	33	89(249)

111.5	9.5	77	77	28	28	98	43	55	13(42)	93	12	83	21
	82	6	89	31(110)	28	28	76	76	6	82	32	90(249)	
118.1	8.4	77	77	27	27	98	43	54	13(42)	93	11	83	20
	82	5	90	31(110)	28	28	76	76	5	82	31	90(249)	
124.7	7.3	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)	
131.2	6.4	77	77	26	26	98	42	54	11(42)	93	9	83	19
	82	4	90	30(110)	26	26	76	76	3	82	30	90(249)	
137.8	5.7	77	77	25	25	100	41	55	10(43)	95	8	84	18
	82	2	91	30(111)	26	26	77	77	2	82	30	91(248)	
144.4	4.9	77	77	25	25	99	40	55	10(43)	94	8	84	18
	82	2	91	30(111)	25	25	77	77	2	81	30	91(248)	
150.9	4.2	77	77	25	25	100	40	54	9(43)	95	7	84	18
	82	1	91	29(111)	25	25	77	77	1	82	30	91(248)	
157.5	3.5	77	77	24	24	100	40	54	9(43)	95	7	84	17
	82	0	91	29(111)	24	24	77	77	0	82	30	91(248)	
164.0	2.9	77	77	24	24	99	40	54	9(43)	94	7	84	17
	82	0	91	29(111)	24	24	77	77	0	81	29	91(248)	

 HA=130.9 HI= 55.8 GGW= 68.6 SL= 0.0 MAX(A,B,C,D)= 9.3 7.6 8.5 8.5

Main boom and fixed jib (jib angle 0.0 degrees)
 Length of main boom = 138.1 ft Length of jib = 55.8 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					
32.8	20.5	54	54	56	56	52	57	53	57(59)	52	59	52	57
		54	59	52	55(128)	57	57	53	53	59	54	55	52(232)
39.4	20.1	58	58	52	52	60	54	56	51(59)	59	52	57	52
		57	51	58	54(128)	53	53	56	56	51	57	54	58(232)
45.9	19.4	61	61	49	49	66	50	58	45(59)	65	46	61	47
		65	46	61	47(90)	50	50	60	60	46	65	47	61(270)
52.5	18.7	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)
59.1	18.1	67	67	42	42	76	55	51	35(30)	75	34	70	38
		73	32	72	41(101)	43	43	66	66	32	73	41	72(258)
65.6	17.4	70	70	38	38	82	52	53	30(36)	80	29	73	34
		75	26	77	39(107)	39	39	69	69	25	75	40	77(252)
72.2	16.8	73	73	35	35	88	49	55	24(40)	85	24	77	30
		77	19	82	38(110)	36	36	72	72	19	77	38	82(249)
78.7	16.1	75	75	32	32	94	46	56	20(42)	90	19	80	26
		79	13	86	37(113)	33	33	75	75	13	78	37	87(246)
85.3	15.0	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)
91.9	13.2	77	77	29	29	97	45	56	15(42)	93	14	83	23
		83	8	89	33(110)	30	30	76	76	8	82	33	90(249)
98.4	11.5	77	77	29	29	97	44	55	15(42)	93	13	83	22
		82	7	89	32(110)	29	29	76	76	7	82	33	89(249)
105.0	9.9	76	76	28	28	97	43	55	14(42)	93	13	83	22
		82	7	89	32(110)	29	29	76	76	7	81	32	89(249)

111.5	8.8	77	77	27	27	98	43	55	13(42)	93	11	83	21
		82	5	90	31(110)	28	28	76	76	5	82	31	90(249)
118.1	7.7	77	77	27	27	98	42	54	12(42)	94	10	84	20
		83	4	90	30(110)	27	27	77	77	4	82	31	90(249)
124.7	6.6	77	77	26	26	98	42	54	11(42)	94	9	83	19
		82	4	90	30(110)	27	27	76	76	3	82	30	90(249)
131.2	6.0	77	77	25	25	100	41	55	10(43)	95	8	84	18
		83	2	91	30(111)	26	26	77	77	1	82	30	92(248)
137.8	5.1	77	77	25	25	100	40	55	9(43)	95	7	84	18
		83	1	91	29(111)	25	25	77	77	1	82	30	92(248)
144.4	4.2	77	77	25	25	100	40	54	9(43)	95	7	84	17
		82	1	91	29(111)	25	25	77	77	0	82	30	91(248)
150.9	3.3	77	77	25	25	99	40	54	9(43)	94	7	84	18
		82	1	91	29(111)	25	25	77	77	1	81	30	91(248)
157.5	2.6	76	76	24	24	99	40	54	9(43)	94	7	84	17
		82	0	91	29(111)	24	24	77	77	0	81	29	91(248)

 HA=138.1 HI= 55.8 GGW= 68.6 SL= 0.0 MAX(A,B,C,D)= 9.3 7.6 8.5 8.5

Main boom and fixed jib (jib angle 0.0 degrees)

Length of main boom = 145.0 ft Length of jib = 55.8 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	A B C D	A B C D	A B C D			
39.4	19.0	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)					
45.9	18.5	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)					
52.5	17.9	63 63 46 46	66 60 48 43(13)	69 41 64 43					
		69 41 64 43(90)	47 47 62 62	41 69 43 64(270)					
59.1	17.4	66 66 42 42	74 56 50 37(28)	74 35 69 39					
		72 34 70 41(100)	43 43 65 65	33 72 41 71(259)					
65.6	16.5	69 69 39 39	80 52 52 31(35)	79 30 72 35					
		74 27 75 39(105)	40 40 68 68	27 74 40 75(254)					
72.2	15.7	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)					
78.7	14.8	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)					
85.3	13.9	75 75 32 32	93 47 54 19(40)	90 18 80 26					
		78 12 86 36(113)	32 32 74 74	12 78 37 87(246)					
91.9	13.0	77 77 30 30	97 45 55 16(41)	93 14 83 23					
		83 9 89 32(109)	30 30 76 76	9 82 33 89(250)					
98.4	11.5	77 77 29 29	97 44 55 14(42)	93 13 83 22					
		82 7 89 32(110)	29 29 76 76	7 82 33 90(249)					
105.0	9.9	77 77 28 28	97 43 55 14(42)	93 12 83 21					
		82 7 89 32(110)	29 29 76 76	6 82 32 89(249)					
111.5	8.8	77 77 27 27	98 43 55 13(42)	93 11 83 20					
		83 5 90 31(110)	28 28 77 77	5 82 31 90(249)					
118.1	7.7	77 77 27 27	99 42 54 12(42)	94 10 84 20					
		83 4 90 30(110)	27 27 77 77	4 82 31 90(249)					

124.7	6.6	77	77	26	26	99	42	54	11(42)	94	9	84	19
	83	3	90	30(110)	26	26	77	77	3	82	30	90(249)	
131.2	5.7	77	77	26	26	99	41	55	10(43)	94	8	84	19
	82	2	91	30(111)	26	26	77	77	2	82	30	91(248)	
137.8	4.9	77	77	25	25	99	40	55	10(43)	94	8	84	18
	82	2	91	30(111)	25	25	77	77	2	82	30	91(248)	
144.4	4.0	77	77	25	25	99	40	54	10(43)	94	8	84	18
	82	1	91	29(111)	25	25	77	77	1	81	30	91(248)	
150.9	3.3	77	77	25	25	99	40	54	9(43)	94	7	84	17
	82	1	91	29(111)	25	25	77	77	0	81	30	91(248)	
157.5	2.6	77	77	24	24	99	40	54	9(43)	94	7	84	17
	82	0	91	29(111)	24	24	77	77	0	81	29	91(248)	

HA=145.0 HI= 55.8 GGW= 68.6 SL= 0.0 MAX(A,B,C,D)= 9.2 7.6 8.5 8.5

Main boom and fixed jib (jib angle 0.0 degrees)

Length of main boom = 152.2 ft Length of jib = 55.8 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					
39.4	19.0	57	57	52	52	59	53	55	51(59)	58	52	56	52
		56	52	57	53(128)	53	53	56	56	52	56	53	57(232)
45.9	18.5	61	61	49	49	66	50	57	45(59)	64	46	61	47
		64	46	61	47(90)	49	49	60	60	46	64	47	61(270)
52.5	17.9	64	64	45	45	68	59	49	42(18)	70	40	65	42
		70	40	65	43(91)	46	46	63	63	39	70	43	66(268)
59.1	17.4	67	67	41	41	76	55	51	35(31)	76	34	70	38
		73	32	72	41(102)	42	42	66	66	32	72	41	72(257)
65.6	16.8	70	70	38	38	82	52	53	29(36)	81	28	73	34
		75	25	77	39(107)	39	39	69	69	25	75	39	77(252)
72.2	16.3	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)
78.7	15.7	76	76	32	32	94	47	55	19(40)	90	18	81	26
		79	12	87	36(113)	33	33	75	75	12	78	37	87(246)
85.3	14.6	77	77	30	30	98	45	56	15(42)	93	14	83	23
		83	9	90	33(110)	30	30	77	77	9	82	34	90(249)
91.9	12.6	77	77	29	29	98	44	55	15(42)	93	13	83	22
		83	8	90	32(110)	30	30	77	77	7	82	33	90(249)
98.4	10.8	77	77	28	28	97	44	55	14(42)	93	13	83	22
		82	7	89	32(110)	29	29	76	76	7	82	32	90(249)
105.0	9.5	77	77	28	28	98	43	55	13(42)	94	11	83	21
		83	5	90	31(110)	28	28	77	77	5	82	32	90(249)
111.5	8.2	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)
118.1	7.1	77	77	26	26	99	42	54	11(42)	94	9	84	19
		83	3	90	30(110)	26	26	77	77	3	82	30	91(249)
124.7	6.2	77	77	26	26	100	41	55	10(43)	95	8	84	18
		83	2	91	30(111)	26	26	77	77	2	82	30	92(248)
131.2	5.1	77	77	25	25	99	41	55	10(43)	94	8	84	18
		82	2	91	30(111)	25	25	77	77	2	82	30	91(248)

137.8 4.2 77 77 25 25 99 40 54 9(43) 94 7 84 18
 82 1 91 29(111) 25 25 77 77 1 82 30 91(248)
 144.4 3.3 77 77 25 25 99 40 54 9(43) 94 7 84 18
 82 1 91 29(111) 25 25 77 77 1 81 30 91(248)
 150.9 2.6 77 77 24 24 100 40 54 8(43) 95 6 84 17
 82 0 91 29(111) 24 24 77 77 0 81 29 91(248)

 HA=152.2 HI= 55.8 GGW= 68.6 SL= 0.0 MAX(A,B,C,D)= 9.3 7.7 8.5 8.5

Main boom and fixed jib (jib angle 0.0 degrees)

Length of main boom = 161.4 ft Length of jib = 55.8 ft
 Main boom sequence = 0-0-100-100-100-100 % LK = 63
 Counterweight = 68.6 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.	
		1(0)		2(...)		3(90)		6(...)			
		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	
45.9	17.4	60 60 49 49	64 50 57 46	59 63 47 60	48 58 45 52	62 50 50 59	59 45 58 52	62 43 69 41	64 43 41 69	43 64 43 64	
52.5	17.0	63 63 45 45	66 59 48 43	14 69 41 64	43 46 46 62	62 41 69 43	64 74 35 69	39 72 33 70	41 43 43 65	65 33 71 41	
59.1	16.5	66 66 42 42	74 56 50 36	28 74 35 69	39 43 43 65	65 33 71 41	71 81 52 53	30 79 29 73	34 39 39 68	68 26 74 39	
65.6	16.1	69 69 39 39	81 52 53 30	36 79 29 73	34 39 39 68	68 26 74 39	76 72 20 80	38 37 37 71	71 20 75 39	80 86 49 54	
72.2	15.2	72 72 36 36	86 49 54 26	39 84 25 76	31 37 37 71	71 20 75 39	80 92 46 55	21 88 20 79	27 34 34 73	73 15 77 37	
78.7	14.6	74 74 33 33	92 46 55 17	41 91 16 82	24 31 31 75	75 10 78 36	88 97 44 55	15 93 13 83	22 30 30 76	76 8 82 33	
85.3	13.7	76 76 30 30	95 46 55 13	42 93 12 83	21 31 31 75	75 10 78 36	88 97 44 55	15 93 13 83	22 30 30 76	76 8 82 33	
91.9	12.3	77 77 29 29	97 44 55 13	42 93 12 83	21 30 30 76	76 8 82 33	90 98 44 55	13 93 12 83	21 29 29 77	77 6 82 32	
98.4	10.8	77 77 28 28	98 44 55 13	42 93 12 83	21 29 29 77	77 6 82 32	90 98 44 55	13 93 12 83	21 29 29 77	77 6 82 32	
105.0	9.3	77 77 28 28	98 43 55 13	42 93 11 83	21 28 28 76	76 5 82 32	90 98 43 55	13 93 11 83	21 28 28 76	76 5 82 32	
111.5	8.2	77 77 27 27	99 43 55 12	42 94 10 84	20 27 27 77	77 4 82 31	91 99 43 55	12 94 10 84	20 27 27 77	77 4 82 31	
118.1	7.1	77 77 26 26	100 41 55 11	43 95 9 84	19 26 26 77	77 2 82 31	91 100 41 55	11 95 9 84	19 26 26 77	77 2 82 31	
124.7	6.0	77 77 26 26	100 41 55 10	43 95 8 84	18 26 26 77	77 2 82 30	91 100 41 55	10 95 8 84	18 26 26 77	77 2 82 30	
131.2	5.1	77 77 25 25	100 40 55 9	43 95 7 84	18 25 25 77	77 1 82 30	92 100 40 55	9 95 7 84	18 25 25 77	77 1 82 30	
137.8	4.0	77 77 25 25	99 40 54 9	43 94 8 84	18 25 25 77	77 1 81 30	91 99 40 54	9 94 8 84	18 25 25 77	77 1 81 30	
144.4	3.3	77 77 24 24	100 40 54 9	43 95 7 84	17 24 24 77	77 0 82 29	92 100 40 54	9 95 7 84	17 24 24 77	77 0 82 29	
150.9	2.4	77 77 24 24	99 40 54 9	43 94 7 84	17 24 24 77	77 0 81 29	91 99 40 54	9 94 7 84	17 24 24 77	77 0 81 29	

 HA=161.4 HI= 55.8 GGW= 68.6 SL= 0.0 MAX(A,B,C,D)= 9.3 7.7 8.5 8.5

 Main boom and fixed jib (jib angle 0.0 degrees)
 Length of main boom = 166.0 ft Length of jib = 55.8 ft
 Main boom sequence = 0-45-90-90-90-90 % LK = 68
 Counterweight = 68.6 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]																(Pos.[Degrees])	0-360 Degr.								
		1(0)				2(...)				3(90)				4(...)						5(180)				6(...)			
		A	B	C	D	A	B	C	D	A	B	C	D	A	B	C	D			A	B	C	D				
45.9	17.9	61	61	48	48	67	49	57	44	(59)	65	45	62	46	65	45	62	46	62	(270)							
52.5	17.4	64	64	44	44	69	58	49	40	(21)	71	39	66	41	70	38	67	42	67	(265)							
59.1	17.0	68	68	41	41	78	54	51	34	(32)	77	32	71	37	73	30	73	40	73	(256)							
65.6	16.5	71	71	37	37	85	50	54	27	(38)	82	26	75	32	75	23	79	39	79	(250)							
72.2	15.9	74	74	34	34	91	47	55	22	(41)	87	21	79	28	78	16	84	37	84	(247)							
78.7	15.4	77	77	30	30	97	46	55	17	(41)	93	16	83	24	80	10	89	36	90	(245)							
85.3	13.7	78	78	29	29	98	45	56	15	(42)	94	13	84	22	83	8	90	32	90	(249)							
91.9	11.7	77	77	28	28	98	44	55	14	(42)	94	13	83	22	83	7	90	32	90	(249)							
98.4	9.9	77	77	28	28	98	43	55	13	(42)	93	12	83	21	83	6	90	31	90	(249)							
105.0	8.6	77	77	27	27	99	43	55	12	(42)	94	10	84	20	83	4	90	30	91	(249)							
111.5	7.3	77	77	26	26	99	42	54	11	(42)	94	9	84	19	83	3	90	30	91	(249)							
118.1	6.2	77	77	26	26	100	41	55	10	(43)	95	8	84	19	82	2	91	30	91	(248)							
124.7	5.1	77	77	25	25	100	41	55	10	(43)	95	8	84	18	82	2	91	30	91	(248)							
131.2	4.0	77	77	25	25	99	40	54	10	(43)	94	8	84	18	82	1	91	29	91	(248)							
137.8	3.1	77	77	25	25	99	40	54	9	(43)	94	7	84	17	82	1	91	29	91	(248)							
144.4	2.4	77	77	24	24	100	39	54	8	(43)	95	6	84	17	82	0	92	28	92	(248)							

 HA=166.0 HI= 55.8 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 0.0 degrees)
 Length of main boom = 175.5 ft Length of jib = 55.8 ft
 Main boom sequence = 0-45-100-100-100-100 % LK = 69
 Counterweight = 68.6 kip

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

45.9	16.8	60	60	49	49	65	50	57	45(59)	63	46	60	47
		58	45	62	52(128)	49	49	59	59	45	58	52	62(232)
52.5	16.3	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)
59.1	15.9	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)
65.6	15.7	70	70	38	38	83	51	53	29(37)	81	28	73	33
		75	24	77	39(107)	39	39	69	69	24	75	39	77(252)
72.2	15.2	73	73	34	34	89	47	55	23(41)	86	22	78	29
		77	18	83	37(111)	35	35	72	72	17	77	38	83(248)
78.7	14.6	76	76	31	31	94	47	54	19(40)	90	17	81	25
		79	12	87	36(113)	32	32	75	75	12	78	37	88(246)
85.3	13.2	77	77	30	30	97	45	55	16(41)	93	14	83	23
		83	9	89	32(109)	30	30	76	76	9	82	33	89(250)
91.9	11.5	77	77	28	28	98	44	55	14(42)	93	13	83	22
		83	7	90	32(110)	29	29	77	77	7	82	32	90(249)
98.4	9.7	77	77	28	28	98	43	55	13(42)	93	12	83	21
		82	6	89	31(110)	28	28	76	76	6	82	32	90(249)
105.0	8.4	77	77	27	27	98	43	55	12(42)	94	11	84	20
		83	5	90	30(110)	27	27	77	77	4	82	31	90(249)
111.5	7.1	77	77	26	26	98	42	54	11(42)	94	10	84	20
		83	4	90	30(110)	27	27	77	77	4	82	31	90(249)
118.1	6.0	77	77	26	26	99	41	55	11(43)	94	9	84	19
		82	2	91	30(111)	26	26	77	77	2	82	31	91(248)
124.7	4.9	77	77	26	26	99	41	55	10(43)	94	8	84	18
		82	2	91	30(111)	26	26	77	77	2	81	30	91(248)
131.2	4.0	77	77	25	25	100	40	54	9(43)	95	7	84	18
		82	1	91	29(111)	25	25	77	77	1	82	30	91(248)
137.8	3.1	77	77	24	24	100	40	54	9(43)	95	7	84	17
		82	0	91	29(111)	24	24	77	77	0	82	29	91(248)
144.4	2.2	77	77	24	24	99	39	54	9(43)	94	6	84	17
		82	0	91	29(111)	24	24	77	77	0	81	29	91(248)

 HA=175.5 HI= 55.8 GGW= 68.6 SL= 0.0 MAX(A,B,C,D)= 9.3 7.7 8.5 8.5

Main boom and fixed jib (jib angle 0.0 degrees)
 Length of main boom = 180.1 ft Length of jib = 55.8 ft
 Main boom sequence = 0-90-90-90-90-90 % LK = 73
 Counterweight = 68.6 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
	1(0)		2(...)		3(90)		6(...)						
	A	B	C	D	A	B	C	D	A	B	C	D	
45.9	17.0	61	61	48	48	67	49	57	44(59)	65	44	62	46
		65	44	62	46(90)	49	49	60	60	44	65	46	62(270)
52.5	16.8	65	65	44	44	70	57	49	39(23)	71	38	66	41
		71	37	67	42(95)	45	45	64	64	37	70	42	67(264)
59.1	16.3	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)
65.6	15.9	71	71	36	36	86	50	54	26(39)	83	26	75	32
		76	22	80	38(109)	37	37	71	71	22	75	39	80(250)
72.2	15.4	75	75	33	33	92	46	56	21(42)	88	20	79	27
		78	15	85	37(112)	34	34	74	74	15	78	37	85(247)

78.7	14.1	76	76	31	31	95	46	55	17(41)	91	16	82	24
		79	10	88	36(114)	31	31	75	75	10	78	37	88(245)
85.3	12.1	76	76	30	30	96	45	55	16(41)	92	15	82	23
		82	9	88	32(109)	30	30	76	76	9	82	33	88(250)
91.9	10.4	76	76	29	29	97	44	55	15(42)	92	13	82	22
		82	7	89	32(110)	29	29	76	76	7	81	32	89(249)
98.4	8.8	77	77	28	28	97	43	55	13(42)	93	12	83	21
		82	6	89	31(110)	28	28	76	76	6	82	32	90(249)
105.0	7.3	76	76	27	27	97	43	54	13(42)	93	11	83	21
		82	5	89	31(110)	28	28	76	76	5	81	31	89(249)
111.5	6.0	76	76	27	27	97	42	54	12(42)	93	10	83	20
		82	4	89	30(110)	27	27	76	76	4	81	31	89(249)
118.1	4.9	76	76	26	26	98	42	54	11(42)	93	9	83	19
		82	3	90	30(110)	26	26	76	76	3	81	30	90(249)
124.7	4.0	77	77	25	25	99	40	54	10(43)	94	8	84	18
		82	2	90	30(111)	25	25	76	76	2	81	30	91(248)
131.2	3.1	77	77	25	25	99	40	54	9(43)	94	7	84	17
		82	1	91	29(111)	25	25	77	77	0	81	30	91(248)

 HA=180.1 HI= 55.8 GGW= 68.6 SL= 0.0 MAX(A,B,C,D)= 9.2 7.6 8.4 8.5

Main boom and fixed jib (jib angle 0.0 degrees)
 Length of main boom = 191.9 ft Length of jib = 55.8 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)		6(...)						
	A	B	C	D	A	B	C	D					
52.5	15.2	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)
59.1	15.0	67	67	41	41	75	54	50	35(30)	75	33	69	37
		72	31	71	40(102)	42	42	66	66	31	72	41	72(257)
65.6	14.8	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)
72.2	14.3	73	73	34	34	90	47	55	22(41)	86	21	78	28
		77	17	83	37(111)	35	35	72	72	17	77	37	83(248)
78.7	13.7	76	76	31	31	95	46	55	18(41)	91	17	81	25
		79	11	88	35(113)	32	32	75	75	11	79	36	88(246)
85.3	11.5	75	75	30	30	95	45	54	17(41)	91	15	81	24
		78	9	88	35(114)	31	31	75	75	9	78	36	88(245)
91.9	9.7	75	75	29	29	95	45	54	16(41)	91	14	81	23
		82	9	87	32(109)	30	30	75	75	9	81	32	88(250)
98.4	8.2	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)
105.0	6.8	76	76	28	28	96	43	54	13(42)	92	11	82	21
		81	6	88	31(110)	28	28	75	75	6	81	32	89(249)
111.5	5.5	75	75	27	27	96	42	54	13(42)	92	11	82	20
		81	5	88	30(110)	27	27	75	75	5	80	31	89(249)
118.1	4.4	75	75	26	26	97	42	54	12(42)	92	10	82	20
		81	4	89	30(110)	27	27	75	75	4	81	30	89(249)
124.7	3.5	76	76	26	26	98	41	54	11(42)	93	9	83	19
		82	3	90	29(110)	26	26	76	76	2	81	30	90(249)

131.2 2.6 76 76 25 25 98 40 54 10(43) 93 8 83 18
 81 2 90 29(111) 25 25 76 76 1 81 30 90(248)

HA=191.9 HI= 55.8 GGW= 68.6 SL= 0.0 MAX(A,B,C,D)= 9.1 7.5 8.4 8.4

Main boom and fixed jib (jib angle 0.0 degrees)

Length of main boom = 193.9 ft Length of jib = 55.8 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(...)				5(180)								
	A	B	C	D	A	B	C	D	A	B	C	D	
52.5	15.9	65	65	43	43	71	56	50	38(25)	72	37	67	40
		71	35	68	41(97)	44	44	64	64	35	70	42	68(262)
59.1	15.4	68	68	39	39	79	53	52	32(34)	78	30	71	35
		73	28	75	39(105)	40	40	67	67	28	73	40	75(254)
65.6	15.2	72	72	35	35	87	49	54	25(39)	84	24	76	30
		76	20	81	38(110)	36	36	71	71	20	76	38	81(249)
72.2	14.6	75	75	32	32	93	46	56	20(42)	89	19	80	26
		78	13	86	37(113)	33	33	74	74	13	78	37	86(246)
78.7	12.3	75	75	31	31	93	47	54	18(40)	90	17	80	25
		78	11	87	35(113)	32	32	75	75	11	78	36	87(246)
85.3	10.4	75	75	30	30	94	45	54	17(41)	90	15	81	24
		78	9	88	35(114)	30	30	75	75	9	77	36	88(245)
91.9	8.6	75	75	29	29	95	44	54	15(41)	91	14	81	22
		81	8	87	32(109)	29	29	75	75	8	80	32	87(250)
98.4	7.1	75	75	28	28	95	44	54	14(41)	91	13	81	22
		81	7	87	31(109)	28	28	75	75	7	81	32	88(250)
105.0	5.5	75	75	28	28	95	43	53	14(41)	91	12	81	21
		81	7	87	30(109)	28	28	75	75	6	80	31	87(250)
111.5	4.4	75	75	27	27	96	42	54	13(42)	91	11	82	20
		81	5	88	30(110)	27	27	75	75	5	80	31	88(249)
118.1	3.3	75	75	26	26	96	41	54	12(42)	92	10	82	19
		81	4	88	30(110)	26	26	75	75	4	80	30	89(249)
124.7	2.2	75	75	26	26	96	41	53	11(42)	91	9	82	19
		81	4	88	29(110)	26	26	75	75	3	80	30	88(249)

HA=193.9 HI= 55.8 GGW= 68.6 SL= 0.0 MAX(A,B,C,D)= 8.9 7.5 8.2 8.2

Main boom and fixed jib (jib angle 0.0 degrees)

Length of main boom = 205.7 ft Length of jib = 55.8 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(...)				5(180)								
	A	B	C	D	A	B	C	D	A	B	C	D	
52.5	13.4	62	62	45	45	65	58	47	42(14)	68	40	64	42
		68	40	64	42(90)	45	45	61	61	40	68	42	64(270)
59.1	13.4	66	66	41	41	74	54	50	35(30)	74	33	69	37
		71	31	71	40(101)	41	41	65	65	31	71	40	71(258)

65.6	13.4	70	70	37	37	82	50	52	28(37)	80	27	73	32
		74	23	77	38(108)	38	38	69	69	23	74	39	77(251)
72.2	13.4	73	73	33	33	90	47	55	21(41)	87	21	78	28
		77	15	84	37(112)	34	34	73	73	15	77	37	84(247)
78.7	11.7	74	74	32	32	92	47	54	19(40)	89	18	80	26
		77	12	86	36(113)	32	32	74	74	12	77	36	86(246)
85.3	9.7	74	74	30	30	92	46	53	18(40)	89	16	80	24
		78	11	86	35(113)	31	31	74	74	11	77	36	86(246)
91.9	7.9	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)
98.4	6.6	75	75	29	29	94	44	53	15(41)	90	13	81	22
		80	8	86	31(109)	29	29	74	74	8	80	32	87(250)
105.0	5.1	74	74	28	28	94	43	53	15(41)	90	13	80	22
		80	7	86	31(109)	28	28	74	74	7	80	31	86(250)
111.5	4.0	74	74	27	27	95	42	54	13(42)	90	11	81	21
		80	6	87	31(110)	28	28	74	74	6	79	31	87(249)
118.1	2.9	74	74	27	27	95	41	53	13(42)	91	11	81	20
		80	5	87	30(110)	27	27	74	74	5	79	31	88(249)

HA=205.7 HI= 55.8 GGW= 68.6 SL= 0.0 MAX(A,B,C,D)= 8.8 7.4 8.1 8.1

Main boom and fixed jib (jib angle 0.0 degrees)

Length of main boom = 208.0 ft Length of jib = 55.8 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)		6(...)						
	A	B	C	D	A	B	C	D					
52.5	14.3	64	64	43	43	70	57	49	39(23)	71	37	66	40
		70	36	67	41(96)	44	44	63	63	36	70	41	67(263)
59.1	14.3	68	68	39	39	79	52	52	31(34)	78	30	71	35
		73	27	74	39(105)	40	40	67	67	27	73	39	75(254)
65.6	14.3	72	72	35	35	88	48	54	24(40)	84	23	77	30
		77	19	81	37(110)	36	36	71	71	19	76	38	81(249)
72.2	12.8	74	74	33	33	91	46	55	20(42)	88	19	79	27
		77	14	84	36(112)	33	33	73	73	14	77	37	85(247)
78.7	10.6	74	74	31	31	91	46	54	19(40)	88	18	79	25
		77	12	85	36(113)	32	32	73	73	12	77	36	85(246)
85.3	8.6	74	74	30	30	92	45	53	18(40)	88	16	79	24
		77	11	86	35(113)	31	31	73	73	11	77	35	86(246)
91.9	6.8	74	74	30	30	92	45	53	17(40)	89	15	80	23
		77	9	86	34(113)	30	30	73	73	9	77	35	86(246)
98.4	5.3	74	74	29	29	93	44	53	16(41)	89	14	80	23
		79	9	85	32(109)	29	29	73	73	9	79	32	86(250)
105.0	4.0	74	74	28	28	93	43	53	15(41)	89	13	80	22
		80	7	86	31(109)	28	28	74	74	7	79	31	86(250)
111.5	2.9	74	74	27	27	94	43	53	13(41)	90	11	80	21
		80	6	86	30(109)	27	27	74	74	6	79	31	87(250)

HA=208.0 HI= 55.8 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 = 222.4 ft Length of jib = 55.8 ft
 Main boom sequence = 100-100-100-100-100 % LK = 79
 Counterweight = 68.6 kip

Radius Cap. [ft]	Cap. [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
		1(0)		2(...)		3(90)		4(...)						
		A	B	C	D	A	B	C	D		A	B	C	D
59.1	11.5	65	65	41	41	72	54	49	35(28)	72	34	67	38	
		70	32	69	40(100)	42	42	64	64	32	70	40	69(259)	
65.6	11.5	68	68	37	37	80	50	52	29(36)	79	28	72	33	
		73	24	76	38(107)	38	38	68	68	24	73	39	76(252)	
72.2	11.5	72	72	34	34	88	47	54	22(41)	85	21	77	28	
		76	17	82	37(111)	34	34	71	71	17	75	37	82(248)	
78.7	9.7	73	73	32	32	90	45	54	20(42)	86	19	78	26	
		77	14	84	36(112)	32	32	72	72	13	76	36	84(247)	
85.3	7.7	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)	
91.9	6.2	73	73	30	30	91	45	52	17(40)	87	16	79	24	
		76	10	85	35(113)	30	30	73	73	10	76	35	85(246)	
98.4	4.6	73	73	29	29	91	44	52	17(40)	88	15	79	23	
		76	9	85	34(113)	30	30	73	73	9	76	34	85(246)	
105.0	3.3	73	73	29	29	92	43	53	16(41)	88	14	79	22	
		79	9	85	31(109)	29	29	73	73	8	78	32	85(250)	
111.5	2.2	73	73	28	28	92	43	52	15(41)	88	13	79	22	
		79	7	85	30(109)	28	28	73	73	7	78	31	85(250)	

HA=222.4 HI= 55.8 GGW= 68.6 SL= 0.0 MAX(A,B,C,D)= 8.6 7.3 7.9 7.9

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

14.10.2003, 15:37:22

Eingabedatei: ilam.dat

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

Tabellendat.: /berechnung/tabellen/ac/ac200-1/serie_3/pc_tab/22137312_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 = 55.8 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	A	B	C	D			
29.5	21.2	47	47	63	63	39	63	50	68	(59)	42	69	44	65					
		50	72	41	58	(128)	64	64	46	46		72	50	58	41	(232)			
32.8	20.3	49	49	61	61	42	62	50	65	(59)	44	67	46	63					
		51	69	43	57	(128)	62	62	48	48		69	51	57	43	(232)			
39.4	18.5	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	17.2	53	53	55	55	52	56	53	56	(59)	52	57	52	55					
		54	57	52	54	(127)	56	56	52	52		57	54	54	52	(232)			
52.5	16.1	56	56	52	52	57	53	54	51	(59)	57	52	55	52					
		55	52	56	53	(128)	53	53	55	55		52	55	53	56	(232)			
59.1	15.0	58	58	49	49	62	50	55	47	(59)	60	47	58	48					
		57	47	59	52	(128)	50	50	57	57		47	57	52	59	(232)			
65.6	14.1	60	60	47	47	66	48	57	43	(59)	64	43	61	45					
		64	43	61	45	(90)	47	47	59	59		43	64	45	61	(270)			
72.2	13.4	62	62	44	44	66	58	48	41	(17)	68	39	64	41					
		68	39	64	41	(90)	45	45	62	62		38	68	41	64	(269)			
78.7	13.0	65	65	41	41	73	54	50	35	(29)	73	34	68	38					
		71	32	70	40	(100)	41	41	64	64		32	71	40	70	(259)			

HA= 40.7 HI= 55.8 GGW= 68.6 SL= 0.0 MAX(A,B,C,D)= 6.8 6.7 6.5 6.5

Main boom and fixed jib (jib angle 20.0 degrees)

Length of main boom = 54.5 ft Length of jib = 55.8 ft

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

Counterweight = 68.6 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]								(Pos.[Degrees])				0-360 Degr.						
	1(0)				2(...)				3(90)										
	4(...)				5(180)				6(...)										
	A	B	C	D	A	B	C	D	A	B	C	D	A	B	C	D			
32.8	20.5	49	49	61	61	42	62	50	65	(59)	44	67	46	63					
		51	69	43	57	(128)	62	62	48	48		69	51	57	43	(232)			
39.4	19.0	51	51	58	58	47	59	52	60	(59)	49	62	49	59					
		52	63	48	56	(128)	59	59	50	50		63	52	56	48	(232)			
45.9	17.6	54	54	55	55	52	56	53	56	(59)	53	57	52	55					
		54	57	52	54	(127)	56	56	52	52		57	54	54	52	(232)			
52.5	16.5	56	56	52	52	57	53	54	51	(59)	57	52	55	52					
		55	52	56	53	(128)	53	53	55	55		52	55	53	56	(232)			
59.1	15.4	58	58	49	49	62	50	56	47	(59)	60	48	58	48					
		57	47	60	52	(128)	50	50	57	57		47	57	52	60	(232)			
65.6	14.8	60	60	47	47	67	48	57	43	(59)	65	43	62	45					
		65	43	62	45	(90)	47	47	60	60		43	65	45	62	(270)			
72.2	13.9	62	62	44	44	66	58	48	41	(16)	68	39	64	42					
		68	39	64	42	(90)	45	45	62	62		39	68	42	64	(270)			
78.7	13.2	65	65	42	42	72	55	49	36	(27)	72	35	67	39					
		70	33	69	40	(99)	42	42	64	64		33	70	41	69	(260)			
85.3	12.8	67	67	39	39	77	52	51	32	(33)	76	30	70	35					
		72	28	73	39	(104)	39	39	66	66		27	72	39	73	(255)			
91.9	12.1	69	69	37	37	82	50	52	27	(37)	80	26	73	32					
		74	23	77	38	(108)	37	37	69	69		22	73	38	77	(251)			

 HA= 54.5 HI= 55.8 GGW= 68.6 SL= 0.0 MAX(A,B,C,D)= 7.6 6.8 7.1 7.1

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

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]								(Pos.[Degrees])				0-360 Degr.
		1(0)		2(...)		3(90)		4(...)		5(180)		6(...)		
		A	B	C	D	A	B	C	D	A	B	C	D	
39.4	18.7	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	17.6	53	53	55	55	52	56	53	56(59)	52	57	52	55	
		54	57	52	54(128)	56	56	52	52	57	54	54	52(232)	
52.5	16.5	56	56	52	52	57	53	54	52(59)	56	52	55	52	
		55	52	56	53(127)	53	53	55	55	52	55	53	56(232)	
59.1	15.4	58	58	50	50	61	51	55	48(59)	60	48	58	49	
		57	47	59	52(128)	50	50	57	57	47	57	52	59(232)	
65.6	14.3	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	13.2	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)	
78.7	12.1	62	62	43	43	66	57	48	40(18)	68	38	64	41	
		68	38	64	41(91)	44	44	62	62	38	68	41	64(268)	
85.3	11.2	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)	
91.9	10.6	65	65	40	40	74	52	50	33(31)	74	32	68	36	
		71	29	71	39(102)	40	40	65	65	29	71	39	71(257)	
98.4	9.9	67	67	38	38	78	51	50	30(34)	77	28	70	34	
		72	26	73	38(105)	38	38	66	66	25	72	38	74(254)	
105.0	9.3	68	68	36	36	81	49	51	27(37)	79	25	72	31	
		73	22	76	37(108)	36	36	68	68	22	73	38	77(251)	
111.5	8.8	70	70	34	34	86	47	53	23(40)	82	22	75	29	
		75	17	80	36(110)	34	34	70	70	17	74	37	80(249)	

 HA= 68.6 HI= 55.8 GGW= 68.6 SL= 0.0 MAX(A,B,C,D)= 7.9 6.9 7.4 7.4

Main boom and fixed jib (jib angle 20.0 degrees)
 Length of main boom = 70.2 ft Length of jib = 55.8 ft
 Main boom sequence = 0-0-0-0-0-100 % LK = 14
 Counterweight = 68.6 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]								(Pos.[Degrees])				0-360 Degr.
		1(0)		2(...)		3(90)		4(...)		5(180)		6(...)		
		A	B	C	D	A	B	C	D	A	B	C	D	
39.4	18.7	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	16.8	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	15.2	54	54	53	53	54	54	53	53(59)	54	54	53	53	
		54	54	53	53(127)	54	54	53	53	54	54	53	53(232)	

59.1	13.7	55	55	51	51	57	52	54	50(59)	56	51	55	51
		55	50	56	52(128)	52	52	54	54	50	55	52	56(232)
65.6	12.6	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)
72.2	11.5	58	58	47	47	63	48	55	44(59)	62	44	59	46
		57	43	61	50(128)	48	48	58	58	43	57	50	61(232)
78.7	10.6	60	60	45	45	66	46	56	41(59)	64	41	61	43
		64	41	61	43(90)	46	46	59	59	41	64	43	61(270)
85.3	9.7	61	61	44	44	64	57	46	41(13)	66	39	63	41
		66	39	63	41(90)	44	44	60	60	39	66	41	63(270)
91.9	9.0	62	62	42	42	68	55	47	38(22)	69	35	65	39
		68	35	65	40(95)	42	42	62	62	35	68	40	65(264)
98.4	8.6	64	64	40	40	72	53	49	34(29)	72	32	67	37
		69	30	69	39(101)	40	40	64	64	30	69	39	69(258)
105.0	7.9	65	65	38	38	75	51	50	31(33)	74	30	69	35
		71	27	71	38(104)	39	39	65	65	27	70	39	72(255)
111.5	7.7	67	67	36	36	80	49	51	27(37)	78	26	72	32
		72	22	75	37(107)	36	36	67	67	22	72	37	75(252)

 HA= 70.2 HI= 55.8 GGW= 68.6 SL= 0.0 MAX(A,B,C,D)= 7.5 6.7 7.0 7.0

Main boom and fixed jib (jib angle 20.0 degrees)

Length of main boom = 82.3 ft Length of jib = 55.8 ft

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

Counterweight = 68.6 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
	1(0)		2(...)		3(90)		6(...)						
	A	B	C	D	A	B	C	D					
39.4	18.7	51	51	58	58	47	59	52	60(59)	48	62	49	59
		52	63	47	56(128)	59	59	50	50	63	52	56	47(232)
45.9	17.6	54	54	55	55	52	56	53	56(59)	53	57	52	55
		54	57	52	54(127)	56	56	52	52	57	54	54	52(232)
52.5	16.8	56	56	52	52	58	53	54	51(59)	57	52	56	52
		56	51	56	53(128)	53	53	55	55	51	56	53	56(232)
59.1	15.7	58	58	49	49	62	50	56	47(59)	61	47	58	48
		57	47	60	52(128)	50	50	57	57	47	57	52	60(232)
65.6	14.8	60	60	47	47	66	48	57	43(59)	65	43	61	45
		65	43	61	45(90)	48	48	60	60	43	65	45	61(270)
72.2	13.9	62	62	45	45	65	58	48	42(15)	68	39	64	42
		68	39	64	42(90)	45	45	62	62	39	68	42	64(270)
78.7	13.0	64	64	42	42	70	55	49	37(25)	71	36	66	39
		70	35	67	41(97)	43	43	63	63	34	69	41	67(262)
85.3	11.9	65	65	41	41	73	54	49	35(29)	73	33	68	37
		70	31	70	40(101)	41	41	64	64	31	70	40	70(258)
91.9	11.2	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	10.6	68	68	37	37	81	49	52	28(37)	79	26	72	32
		73	23	76	38(107)	37	37	68	68	23	73	38	76(252)
105.0	10.1	70	70	34	34	85	48	53	24(39)	82	23	75	30
		75	19	79	37(110)	35	35	70	70	19	74	37	80(249)
111.5	9.5	72	72	33	33	88	46	54	21(41)	85	20	77	27
		76	15	82	36(111)	33	33	71	71	15	75	36	82(248)

118.1 9.3 74 74 30 30 92 45 53 18(40) 89 16 80 24
 77 10 86 35(113) 31 31 73 73 10 77 35 86(246)
 124.7 8.8 76 76 28 28 96 43 54 14(42) 92 13 82 22
 81 7 88 32(110) 28 28 75 75 7 81 32 88(249)

 HA= 82.3 HI= 55.8 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 = 84.0 ft Length of jib = 55.8 ft
 Main boom sequence = 0-0-0-0-45-100 % LK = 21
 Counterweight = 68.6 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.			
		1(0)		2(...)		3(90)		6(...)					
		A	B	C	D	A	B	C	D				
39.4	18.7	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	17.2	53	53	55	55	52	56	53	56(59)	52	57	52	56
		53	58	51	54(128)	56	56	52	52	58	53	54	51(232)
52.5	15.7	55	55	53	53	55	54	54	52(59)	55	53	54	53
		54	53	54	53(127)	54	54	54	54	53	54	53	54(232)
59.1	14.3	56	56	50	50	59	51	54	49(59)	58	50	56	50
		56	49	57	52(128)	51	51	56	56	49	56	52	57(232)
65.6	13.2	58	58	48	48	62	49	55	46(59)	61	46	58	47
		57	45	60	51(128)	49	49	57	57	45	57	51	60(232)
72.2	12.1	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)
78.7	11.5	61	61	44	44	64	58	47	42(13)	67	39	63	42
		67	39	63	42(90)	45	45	61	61	39	67	42	63(270)
85.3	10.6	62	62	42	42	68	56	48	38(22)	69	36	65	40
		68	35	65	40(94)	43	43	62	62	35	68	41	65(265)
91.9	9.9	64	64	41	41	72	54	49	35(28)	72	33	67	37
		70	31	69	39(100)	41	41	64	64	31	69	40	69(259)
98.4	9.3	65	65	39	39	75	52	50	32(32)	75	30	69	35
		71	28	71	38(103)	39	39	65	65	28	71	39	71(256)
105.0	8.8	67	67	37	37	79	49	51	28(36)	77	27	71	32
		72	24	75	38(107)	37	37	67	67	23	72	38	75(252)
111.5	8.2	68	68	35	35	82	48	52	26(38)	80	24	73	31
		73	21	77	37(108)	35	35	68	68	21	73	37	77(251)
118.1	7.9	71	71	33	33	86	46	53	22(40)	83	21	75	28
		75	16	81	36(111)	33	33	70	70	16	74	36	81(248)
124.7	7.5	72	72	31	31	89	46	52	19(39)	86	17	78	25
		76	12	83	35(112)	31	31	72	72	12	75	35	84(247)

 HA= 84.0 HI= 55.8 GGW= 68.6 SL= 0.0 MAX(A,B,C,D)= 8.3 7.0 7.7 7.8

Main boom and fixed jib (jib angle 20.0 degrees)
 Length of main boom = 96.5 ft Length of jib = 55.8 ft
 Main boom sequence = 0-0-0-0-90-90 % LK = 28
 Counterweight = 68.6 kip

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

	4(...)				5(180)				6(...)					
	A	B	C	D	A	B	C	D	A	B	C	D		
45.9	17.4	53	53	55	55	52	56	53	56	(59)	52	57	52	55
		54	57	52	54(127)	56	56	52	52		57	54	54	52(232)
52.5	16.8	56	56	52	52	58	53	55	51	(59)	57	52	56	51
		56	51	56	53(128)	53	53	55	55		51	56	53	56(232)
59.1	15.9	59	59	49	49	63	50	56	46	(59)	62	47	59	48
		57	46	60	52(128)	50	50	58	58		46	57	52	60(232)
65.6	15.0	61	61	47	47	67	48	57	42	(59)	65	43	62	45
		65	43	62	45(90)	47	47	60	60		43	65	45	62(270)
72.2	14.1	63	63	44	44	67	58	48	41	(18)	69	39	65	41
		69	38	65	42(91)	45	45	62	62		38	69	42	65(268)
78.7	13.4	65	65	41	41	72	55	49	36	(27)	73	35	67	38
		71	33	69	40(99)	42	42	64	64		33	70	41	69(260)
85.3	12.6	66	66	39	39	76	53	50	33	(32)	75	31	69	36
		72	29	72	39(103)	40	40	66	66		29	71	39	72(256)
91.9	11.9	68	68	37	37	80	50	52	29	(36)	78	28	72	33
		73	24	75	38(107)	38	38	68	68		24	73	39	76(252)
98.4	11.2	70	70	35	35	84	49	52	26	(38)	81	24	74	31
		74	20	78	37(109)	36	36	69	69		20	74	38	78(250)
105.0	10.6	71	71	34	34	87	47	53	22	(40)	84	21	76	28
		75	17	81	37(111)	34	34	71	71		17	75	37	81(248)
111.5	10.1	73	73	32	32	91	46	53	19	(40)	87	18	78	26
		77	13	84	35(112)	32	32	73	73		13	77	36	85(247)
118.1	9.7	75	75	29	29	94	45	54	16	(41)	90	14	81	23
		81	9	87	32(109)	30	30	75	75		9	80	33	87(250)
124.7	8.8	76	76	28	28	96	44	54	14	(41)	91	13	82	22
		82	7	88	31(109)	29	29	75	75		7	81	32	88(250)
131.2	7.9	76	76	28	28	97	43	54	13	(42)	92	11	82	21
		82	6	89	31(110)	28	28	76	76		5	81	31	89(249)
137.8	7.1	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)

HA= 96.5 HI= 55.8 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 20.0 degrees)
Length of main boom = 100.4 ft Length of jib = 55.8 ft
Main boom sequence = 0-0-0-0-100-100 % LK = 29
Counterweight = 68.6 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.					
	1(0)				2(...)					3(90)				
	4(...)				5(180)				6(...)					
	A	B	C	D	A	B	C	D	A	B	C	D		
45.9	17.2	53	53	55	55	52	56	53	56	(59)	52	57	52	56
		54	57	51	54(128)	56	56	52	52		57	54	54	51(232)
52.5	15.9	55	55	52	52	56	53	54	52	(59)	56	53	54	52
		55	52	55	53(127)	53	53	54	54		52	55	53	55(232)
59.1	14.8	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	13.7	59	59	48	48	64	49	56	45	(59)	62	45	60	46
		57	43	61	51(128)	49	49	58	58		43	57	51	61(232)
72.2	12.8	61	61	45	45	62	60	46	45	(4)	65	41	62	43
		65	41	62	43(90)	46	46	60	60		41	65	43	62(270)

78.7	11.9	62	62	43	43	66	57	47	40(18)	68	38	64	41
		68	38	64	41(91)	44	44	62	62	37	68	41	64(268)
85.3	11.2	64	64	41	41	71	54	49	36(27)	71	34	67	38
		70	33	68	40(98)	42	42	63	63	33	69	40	68(261)
91.9	10.6	66	66	39	39	75	52	50	33(32)	74	31	69	36
		71	29	71	39(103)	40	40	65	65	28	71	39	71(256)
98.4	9.9	67	67	37	37	78	50	51	29(35)	77	28	71	33
		72	25	74	38(106)	38	38	67	67	25	72	39	74(253)
105.0	9.3	68	68	36	36	82	49	51	27(37)	79	25	73	31
		73	22	77	37(108)	36	36	68	68	21	73	38	77(251)
111.5	8.8	70	70	34	34	85	47	53	23(40)	82	22	75	29
		74	18	80	36(110)	34	34	70	70	18	74	37	80(249)
118.1	8.2	71	71	32	32	88	45	53	21(41)	84	20	76	27
		75	15	82	35(111)	33	33	71	71	15	75	36	82(248)
124.7	7.7	73	73	31	31	90	45	53	18(40)	87	17	78	25
		76	11	84	35(113)	31	31	73	73	11	75	36	84(246)
131.2	7.3	74	74	29	29	93	44	53	16(41)	90	14	80	23
		80	9	86	32(109)	29	29	74	74	9	80	32	86(250)
137.8	6.8	76	76	27	27	96	43	54	13(42)	92	11	82	21
		81	6	88	31(110)	28	28	75	75	6	80	31	89(249)

 HA=100.4 HI= 55.8 GGW= 68.6 SL= 0.0 MAX(A,B,C,D)= 9.0 7.5 8.2 8.2

Main boom and fixed jib (jib angle 20.0 degrees)
 Length of main boom = 110.2 ft Length of jib = 55.8 ft
 Main boom sequence = 0-0-0-45-90-90 % LK = 36
 Counterweight = 68.6 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
	1(0)		2(...)		3(90)		6(...)						
	A	B	C	D	A	B	C	D	A	B	C	D	
45.9	17.4	54	54	55	55	53	56	53	55(59)	53	56	52	55
		54	56	52	54(127)	56	56	53	53	56	54	54	52(232)
52.5	16.5	56	56	52	52	58	53	55	50(59)	58	51	56	51
		56	51	57	53(128)	52	52	56	56	51	56	53	57(232)
59.1	15.9	59	59	49	49	64	50	56	46(59)	62	46	60	47
		58	45	61	51(128)	49	49	58	58	45	58	51	61(232)
65.6	15.2	62	62	46	46	63	60	47	44(8)	67	41	63	43
		67	41	63	43(90)	47	47	61	61	41	67	43	63(270)
72.2	14.6	64	64	43	43	70	56	49	39(23)	71	37	66	40
		70	36	67	41(95)	44	44	63	63	36	70	41	67(264)
78.7	13.7	66	66	41	41	75	54	50	34(30)	74	33	69	37
		71	31	71	40(101)	41	41	65	65	31	71	40	71(258)
85.3	13.0	68	68	38	38	79	51	52	30(35)	78	29	71	34
		73	26	75	39(106)	39	39	67	67	26	73	39	75(253)
91.9	12.3	70	70	36	36	84	49	53	26(38)	81	25	74	31
		74	21	78	38(109)	37	37	69	69	21	74	38	78(250)
98.4	11.9	72	72	34	34	88	47	54	22(41)	85	21	77	28
		76	17	82	37(111)	34	34	71	71	16	76	37	82(248)
105.0	11.2	74	74	32	32	91	46	54	19(40)	88	18	79	26
		78	13	85	35(112)	32	32	73	73	13	77	36	85(247)
111.5	10.6	75	75	30	30	95	45	54	16(41)	90	15	81	23
		78	9	88	35(114)	30	30	75	75	9	77	36	88(245)

118.1	9.5	75	75	29	29	95	44	54	15(41)	91	14	82	22
	82	8	88	32(109)	29	29	75	75	8	81	32	88(250)	
124.7	8.6	76	76	28	28	97	43	54	13(42)	92	12	82	21
	82	6	89	31(110)	28	28	76	76	6	81	32	89(249)	
131.2	7.5	76	76	28	28	97	43	54	13(42)	92	11	82	21
	82	6	89	31(110)	28	28	76	76	6	81	31	89(249)	
137.8	6.6	76	76	27	27	97	42	54	12(42)	93	10	83	20
	82	4	89	30(110)	27	27	76	76	4	81	31	90(249)	
144.4	6.0	77	77	26	26	99	41	55	11(43)	94	9	84	19
	82	2	91	30(111)	26	26	77	77	2	81	31	91(248)	
150.9	5.1	77	77	25	25	99	41	55	10(43)	94	8	84	18
	82	2	91	30(111)	26	26	77	77	2	81	30	91(248)	

HA=110.2 HI= 55.8 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 = 114.5 ft Length of jib = 55.8 ft

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

Counterweight = 68.6 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.			
		1(0)		2(...)		3(90)		6(...)					
		4(...)		5(180)		A B C D		A B C D					
52.5	16.1	56	56	52	52	57	53	54	51(59)	57	52	55	51
		55	51	56	53(128)	53	53	55	55	51	55	53	56(232)
59.1	15.0	58	58	49	49	62	50	56	47(59)	61	47	58	48
		57	47	60	52(128)	50	50	57	57	47	57	52	60(232)
65.6	13.9	60	60	47	47	65	48	56	43(59)	64	44	61	45
		64	44	61	45(90)	48	48	59	59	44	64	45	61(270)
72.2	13.2	62	62	44	44	65	58	47	42(14)	68	39	63	42
		68	39	63	42(90)	45	45	61	61	39	68	42	63(270)
78.7	12.3	63	63	42	42	70	56	49	38(24)	71	36	66	39
		69	35	67	41(96)	43	43	63	63	35	69	41	67(263)
85.3	11.5	65	65	40	40	74	53	50	34(30)	73	33	68	37
		71	31	70	39(101)	41	41	65	65	30	70	40	70(258)
91.9	11.0	67	67	38	38	78	51	51	30(35)	77	29	71	34
		72	26	74	39(106)	38	38	67	67	25	72	39	74(253)
98.4	10.4	69	69	36	36	82	49	52	27(37)	80	25	73	32
		74	22	77	37(108)	36	36	68	68	22	73	38	77(251)
105.0	9.9	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)
111.5	9.3	72	72	32	32	89	45	54	20(41)	86	19	77	27
		76	14	83	36(112)	33	33	72	72	14	75	36	83(247)
118.1	8.8	74	74	30	30	92	45	53	17(40)	89	16	80	24
		77	10	86	35(113)	31	31	73	73	10	77	35	86(246)
124.7	8.4	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	7.5	76	76	28	28	97	43	54	13(42)	92	11	82	21
	81	6	89	31(110)	28	28	75	75	6	81	32	89(249)	
137.8	6.6	76	76	27	27	97	42	54	12(42)	93	11	83	20
	82	5	89	30(110)	27	27	76	76	5	81	31	89(249)	
144.4	6.0	77	77	26	26	98	42	54	11(42)	94	9	84	19
	82	3	90	30(110)	26	26	76	76	3	82	30	90(249)	

150.9 5.1 76 76 26 26 99 41 55 10(43) 93 9 83 19
 82 2 90 30(111) 26 26 76 76 2 81 30 90(248)

 HA=114.5 HI= 55.8 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 = 124.3 ft Length of jib = 55.8 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(...)								
	A	B	C	D	A	B	C	D	A	B	C	D	
52.5	16.3	56	56	51	51	58	52	55	50(59)	58	51	56	51
		56	50	57	53(128)	52	52	56	56	50	56	53	57(232)
59.1	15.7	59	59	48	48	64	50	56	45(59)	63	46	60	47
		58	44	62	51(128)	49	49	58	58	44	58	51	62(232)
65.6	15.0	62	62	45	45	64	59	47	44(10)	67	41	63	43
		67	41	63	43(90)	46	46	61	61	41	67	43	63(270)
72.2	14.6	65	65	42	42	71	56	49	38(25)	72	36	67	39
		70	35	68	41(97)	43	43	64	64	35	70	41	68(262)
78.7	13.9	67	67	40	40	77	53	51	33(32)	76	32	70	36
		72	29	72	39(103)	41	41	66	66	29	72	40	73(256)
85.3	13.2	69	69	37	37	81	51	52	29(36)	80	27	73	33
		74	24	76	38(107)	38	38	68	68	24	73	39	77(252)
91.9	12.8	71	71	35	35	87	48	54	24(40)	84	23	76	30
		76	19	81	37(110)	35	35	71	71	19	75	37	81(249)
98.4	12.1	73	73	32	32	91	45	55	20(42)	87	19	78	27
		77	14	84	36(112)	33	33	73	73	14	77	37	84(247)
105.0	11.7	75	75	30	30	95	45	54	17(41)	91	15	81	24
		78	9	88	35(114)	31	31	75	75	9	78	36	88(245)
111.5	10.6	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)
118.1	9.3	76	76	28	28	96	43	55	14(42)	92	13	82	22
		81	7	88	32(110)	29	29	75	75	7	81	32	88(249)
124.7	8.2	76	76	28	28	97	43	54	13(42)	92	12	82	21
		82	6	89	31(110)	28	28	76	76	6	81	32	89(249)
131.2	7.3	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)
137.8	6.4	77	77	26	26	98	42	54	11(42)	93	10	83	19
		82	4	90	30(110)	27	27	76	76	4	82	30	90(249)
144.4	5.5	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)
150.9	4.9	77	77	25	25	99	40	55	9(43)	94	8	84	18
		82	1	91	29(111)	25	25	77	77	1	82	30	91(248)
157.5	4.0	77	77	25	25	99	40	54	9(43)	94	8	84	18
		82	1	91	29(111)	25	25	77	77	1	81	30	91(248)
164.0	3.3	77	77	24	24	100	40	54	9(43)	94	7	84	17
		82	0	91	29(111)	24	24	77	77	0	81	29	91(248)

 HA=124.3 HI= 55.8 GGW= 68.6 SL= 0.0 MAX(A,B,C,D)= 9.3 7.6 8.5 8.5

Main boom and fixed jib (jib angle 20.0 degrees)

Length of main boom = 130.9 ft Length of jib = 55.8 ft
 Main boom sequence = 0-0-0-100-100-100 % LK = 46
 Counterweight = 68.6 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
		1(0)		2(...)		3(90)		6(...)						
		A	B	C	D	A	B	C	D		A	B	C	D
52.5	15.9	56	56	52	52	58	53	54	50(59)	57	51	56	51	
		56	51	56	53(128)	52	52	55	55	51	56	53	56(232)	
59.1	15.0	58	58	49	49	63	50	56	46(59)	61	47	59	48	
		57	45	60	52(128)	50	50	58	58	45	57	52	60(232)	
65.6	14.1	61	61	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)	
72.2	13.2	63	63	44	44	67	57	48	41(18)	69	38	64	41	
		69	38	65	41(91)	45	45	62	62	38	68	42	65(268)	
78.7	12.6	65	65	41	41	72	54	49	36(28)	73	34	67	38	
		70	33	69	40(99)	42	42	64	64	32	70	40	69(260)	
85.3	11.9	67	67	39	39	77	52	51	32(33)	76	30	70	35	
		72	28	73	39(104)	39	39	66	66	28	72	39	73(255)	
91.9	11.2	69	69	37	37	81	50	52	28(37)	79	27	72	32	
		73	23	76	38(107)	37	37	68	68	23	73	38	76(252)	
98.4	10.6	70	70	35	35	85	48	53	25(39)	82	23	75	30	
		74	19	79	37(110)	35	35	70	70	19	74	38	79(249)	
105.0	10.1	72	72	33	33	89	46	54	21(41)	86	20	77	27	
		76	15	83	36(112)	33	33	72	72	15	75	37	83(247)	
111.5	9.7	74	74	30	30	92	46	53	18(40)	89	16	80	24	
		78	11	86	35(113)	31	31	74	74	10	77	35	86(246)	
118.1	9.3	76	76	28	28	96	43	55	14(42)	92	13	82	22	
		82	7	88	32(110)	29	29	76	76	7	81	32	89(249)	
124.7	8.2	76	76	28	28	97	43	54	13(42)	92	12	82	21	
		82	6	89	31(110)	28	28	76	76	6	81	32	89(249)	
131.2	7.3	76	76	27	27	98	42	54	12(42)	93	11	83	20	
		82	5	90	30(110)	27	27	76	76	4	82	31	90(249)	
137.8	6.4	77	77	26	26	98	42	54	11(42)	93	9	83	19	
		82	4	90	30(110)	26	26	76	76	3	82	30	90(249)	
144.4	5.5	77	77	26	26	98	42	54	11(42)	94	9	83	19	
		82	3	90	29(110)	26	26	76	76	3	82	30	90(249)	
150.9	4.9	77	77	25	25	99	40	55	9(43)	94	8	84	18	
		82	1	91	29(111)	25	25	77	77	1	82	30	91(248)	
157.5	4.0	77	77	25	25	99	40	54	9(43)	94	8	84	18	
		82	1	91	29(111)	25	25	77	77	1	81	30	91(248)	
164.0	3.3	77	77	25	25	99	40	54	9(43)	94	7	84	17	
		82	0	91	29(111)	25	25	77	77	0	81	30	91(248)	

HA=130.9 HI= 55.8 GGW= 68.6 SL= 0.0 MAX(A,B,C,D)= 9.2 7.6 8.5 8.5

Main boom and fixed jib (jib angle 20.0 degrees)
 Length of main boom = 138.1 ft Length of jib = 55.8 ft
 Main boom sequence = 0-0-45-90-90-90 % LK = 54
 Counterweight = 68.6 kip

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

	4(...)				5(180)				6(...)					
	A	B	C	D	A	B	C	D	A	B	C	D		
59.1	15.4	60	60	48	48	65	49	56	44	(59)	63	45	60	46
		63	45	60	46	(90)	49	49	59	59	45	63	46	60(270)
65.6	15.0	63	63	45	45	66	58	48	42	(16)	69	39	64	42
		69	39	64	42	(90)	45	45	62	62	39	69	42	64(270)
72.2	14.3	65	65	42	42	73	55	50	36	(27)	73	35	67	39
		71	33	69	41	(99)	43	43	64	64	33	71	41	69(260)
78.7	13.9	68	68	39	39	79	52	51	31	(34)	78	30	71	35
		73	27	74	39	(105)	39	39	67	67	27	73	39	74(254)
85.3	13.4	71	71	36	36	84	49	53	26	(38)	82	25	75	31
		75	21	79	38	(109)	37	37	70	70	21	75	38	79(250)
91.9	13.0	73	73	33	33	90	47	54	21	(41)	86	21	78	28
		77	15	83	37	(112)	34	34	72	72	15	76	37	84(247)
98.4	12.3	75	75	31	31	93	46	54	18	(40)	90	17	80	25
		78	11	87	35	(113)	32	32	75	75	11	78	36	87(246)
105.0	11.2	76	76	29	29	96	45	54	16	(41)	91	14	82	23
		82	9	88	32	(109)	30	30	75	75	9	81	33	88(250)
111.5	9.9	76	76	29	29	96	44	55	15	(42)	92	13	82	22
		82	7	88	32	(110)	29	29	76	76	7	81	32	89(249)
118.1	8.8	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	7.7	77	77	27	27	98	43	54	12	(42)	93	11	83	20
		82	5	90	30	(110)	27	27	76	76	5	82	31	90(249)
131.2	6.6	76	76	27	27	98	42	54	12	(42)	93	10	83	20
		82	4	90	30	(110)	27	27	76	76	4	81	31	90(249)
137.8	5.7	77	77	26	26	98	42	54	11	(42)	93	9	83	19
		82	3	90	30	(110)	26	26	76	76	3	82	30	90(249)
144.4	5.1	77	77	25	25	100	40	55	9	(43)	95	8	84	18
		82	1	91	29	(111)	25	25	77	77	1	82	30	91(248)
150.9	4.2	77	77	25	25	99	40	54	9	(43)	94	7	84	18
		82	1	91	29	(111)	25	25	77	77	1	82	30	91(248)
157.5	3.3	76	76	25	25	99	40	54	9	(43)	94	7	84	18
		82	1	91	29	(111)	25	25	77	77	1	81	30	91(248)
164.0	2.6	77	77	24	24	99	40	54	9	(43)	94	7	84	17
		82	0	91	29	(111)	24	24	77	77	0	81	29	91(248)

 HA=138.1 HI= 55.8 GGW= 68.6 SL= 0.0 MAX(A,B,C,D)= 9.3 7.6 8.5 8.5

Main boom and fixed jib (jib angle 20.0 degrees)
 Length of main boom = 145.0 ft Length of jib = 55.8 ft
 Main boom sequence = 0-0-45-100-100-100 % LK = 55
 Counterweight = 68.6 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.					
	1(0)		2(...)		3(90)		4(180)							
	4(...)				5(180)				6(...)					
	A	B	C	D	A	B	C	D	A	B	C	D		
59.1	15.0	59	59	48	48	64	49	56	45	(59)	63	45	60	47
		58	44	62	51	(128)	49	49	58	58	44	58	51	62(232)
65.6	14.3	62	62	45	45	64	59	47	44	(10)	67	41	63	43
		67	41	63	43	(90)	46	46	61	61	41	67	43	63(270)
72.2	13.4	64	64	43	43	70	56	49	38	(24)	71	36	66	40
		69	35	67	41	(96)	43	43	63	63	35	69	41	67(263)

78.7	12.8	66	66	40	40	75	53	50	34(31)	75	32	69	37
		72	30	71	39(102)	41	41	65	65	30	71	40	71(257)
85.3	12.1	68	68	38	38	80	50	52	29(36)	78	28	72	34
		73	25	75	38(106)	38	38	67	67	25	73	39	75(253)
91.9	11.5	70	70	35	35	84	48	53	25(39)	82	24	74	31
		75	20	79	37(109)	36	36	69	69	20	74	38	79(250)
98.4	11.0	72	72	33	33	89	46	54	21(41)	86	20	77	27
		77	15	83	36(111)	33	33	72	72	15	76	37	83(248)
105.0	10.4	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)
111.5	9.9	76	76	29	29	96	44	55	15(42)	92	13	82	22
		82	7	88	32(110)	29	29	76	76	7	81	32	89(249)
118.1	8.6	76	76	28	28	96	43	54	14(42)	92	12	82	21
		81	7	88	31(110)	28	28	75	75	7	81	32	89(249)
124.7	7.7	77	77	27	27	98	43	54	12(42)	93	11	83	20
		82	5	90	30(110)	27	27	76	76	5	82	31	90(249)
131.2	6.6	76	76	27	27	98	42	54	12(42)	93	10	83	20
		82	4	90	30(110)	27	27	76	76	4	81	31	90(249)
137.8	5.7	77	77	26	26	98	42	54	11(42)	93	9	83	19
		82	3	90	30(110)	26	26	76	76	3	82	30	90(249)
144.4	5.1	77	77	25	25	100	40	55	9(43)	95	8	84	18
		82	1	91	29(111)	25	25	77	77	1	82	30	91(248)
150.9	4.2	77	77	25	25	99	40	54	9(43)	94	7	84	18
		82	1	91	29(111)	25	25	77	77	1	82	30	91(248)
157.5	3.3	76	76	25	25	99	40	54	9(43)	94	7	84	18
		82	1	91	29(111)	25	25	76	76	1	81	30	91(248)
164.0	2.6	77	77	24	24	99	40	54	9(43)	94	7	84	17
		82	0	91	29(111)	24	24	77	77	0	81	29	91(248)

 HA=145.0 HI= 55.8 GGW= 68.6 SL= 0.0 MAX(A,B,C,D)= 9.3 7.6 8.5 8.5

Main boom and fixed jib (jib angle 20.0 degrees)
 Length of main boom = 152.2 ft Length of jib = 55.8 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(...)					
		A	B	C	D	A	B	C	D	A	B	C	D
59.1	15.2	60	60	47	47	66	49	57	44(59)	64	44	61	46
		64	44	61	46(90)	48	48	59	59	44	64	46	61(270)
65.6	14.6	63	63	44	44	67	58	48	41(17)	69	39	64	42
		69	39	64	42(90)	45	45	62	62	39	69	42	65(269)
72.2	14.1	65	65	41	41	74	54	50	35(29)	74	34	68	38
		71	32	70	40(100)	42	42	65	65	32	71	40	70(259)
78.7	13.7	68	68	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)
85.3	13.2	71	71	35	35	86	49	53	25(39)	83	24	75	30
		75	20	80	38(110)	36	36	70	70	20	75	38	80(249)
91.9	13.0	74	74	32	32	92	46	55	20(42)	88	19	79	26
		78	13	85	36(112)	33	33	73	73	13	77	37	85(247)
98.4	12.3	76	76	30	30	96	45	55	16(41)	92	15	82	23
		82	9	88	32(109)	30	30	76	76	9	82	33	88(250)

105.0	10.8	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)	
111.5	9.5	76	76	28	28	97	43	55	14(42)	93	12	83	21
	82	7	89	32(110)	29	29	76	76	6	81	32	89(249)	
118.1	8.2	76	76	28	28	97	43	54	13(42)	93	12	82	21
	82	6	89	31(110)	28	28	76	76	6	81	32	89(249)	
124.7	7.1	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)	
131.2	6.2	77	77	26	26	98	42	54	11(42)	94	9	84	19
	82	3	90	30(110)	26	26	77	77	3	82	30	90(249)	
137.8	5.3	77	77	26	26	99	41	55	10(43)	94	8	84	18
	82	2	91	30(111)	26	26	77	77	2	82	30	91(248)	
144.4	4.4	77	77	25	25	99	40	54	9(43)	94	7	84	18
	82	1	91	29(111)	25	25	77	77	1	82	30	91(248)	
150.9	3.5	77	77	25	25	99	40	54	9(43)	94	7	84	18
	82	1	91	29(111)	25	25	77	77	1	81	30	91(248)	
157.5	2.9	77	77	24	24	100	40	54	8(43)	95	6	84	17
	82	0	92	28(111)	24	24	77	77	0	81	29	92(248)	

 HA=152.2 HI= 55.8 GGW= 68.6 SL= 0.0 MAX(A,B,C,D)= 9.3 7.6 8.5 8.5

Main boom and fixed jib (jib angle 20.0 degrees)

Length of main boom = 161.4 ft Length of jib = 55.8 ft

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

Counterweight = 68.6 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
	1(0)		2(...)		3(90)		6(...)						
	A	B	C	D	A	B	C	D					
65.6	14.1	62	62	45	45	65	58	47	42(14)	68	40	64	42
		68	40	64	42(90)	45	45	62	62	40	68	42	64(270)
72.2	13.4	65	65	42	42	72	55	49	37(27)	72	35	67	39
		71	34	69	40(98)	43	43	64	64	34	70	41	69(261)
78.7	12.8	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)
85.3	12.1	69	69	37	37	82	50	52	27(37)	80	26	73	32
		74	23	77	38(108)	37	37	69	69	22	73	38	77(251)
91.9	11.7	72	72	34	34	88	47	54	23(40)	84	22	76	29
		76	17	82	37(111)	34	34	71	71	17	75	37	82(248)
98.4	11.2	74	74	31	31	92	46	54	19(40)	88	17	80	25
		77	12	86	36(113)	32	32	74	74	12	77	36	86(246)
105.0	10.6	76	76	29	29	96	45	54	15(41)	92	14	82	23
		82	8	88	32(109)	30	30	75	75	8	81	32	88(250)
111.5	9.3	76	76	28	28	97	43	55	14(42)	92	13	82	22
		82	7	88	32(110)	29	29	76	76	7	81	32	89(249)
118.1	8.2	76	76	27	27	97	43	54	13(42)	93	11	83	21
		82	5	89	31(110)	28	28	76	76	5	82	31	90(249)
124.7	7.1	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)
131.2	6.2	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)
137.8	5.3	77	77	25	25	100	41	55	10(43)	95	8	84	18
		82	2	91	30(111)	25	25	77	77	1	82	30	91(248)

144.4 4.2 77 77 25 25 99 40 54 10(43) 94 8 84 18
 82 2 90 30(111) 25 25 76 76 2 81 30 91(248)
 150.9 3.5 77 77 25 25 100 40 54 9(43) 95 7 84 17
 82 0 91 29(111) 25 25 77 77 0 82 30 91(248)
 157.5 2.6 77 77 24 24 99 40 54 9(43) 94 7 84 17
 82 0 91 29(111) 24 24 77 77 0 81 30 91(248)

 HA=161.4 HI= 55.8 GGW= 68.6 SL= 0.0 MAX(A,B,C,D)= 9.3 7.6 8.5 8.5

Main boom and fixed jib (jib angle 20.0 degrees)
 Length of main boom = 166.0 ft Length of jib = 55.8 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(...)					
		4(...)		5(180)		6(...)							
		A	B	C	D	A	B	C	D				
65.6	14.6	64	64	43	43	69	57	49	39(22)	70	37	66	41
		70	37	66	41(94)	44	44	63	63	37	69	41	67(265)
72.2	14.1	67	67	40	40	76	53	51	33(32)	76	32	70	36
		72	30	72	40(103)	41	41	66	66	30	72	40	72(256)
78.7	13.7	70	70	37	37	83	50	52	28(37)	80	27	73	32
		74	23	77	38(108)	38	38	69	69	23	74	39	78(251)
85.3	13.2	73	73	34	34	89	47	54	23(41)	85	22	77	29
		77	17	82	37(111)	35	35	72	72	17	76	37	82(248)
91.9	12.8	75	75	31	31	93	47	54	18(40)	90	17	81	25
		78	11	87	35(113)	32	32	75	75	11	78	36	87(246)
98.4	11.7	77	77	29	29	96	45	54	15(41)	92	14	82	23
		82	8	88	32(109)	30	30	76	76	8	82	32	89(250)
105.0	10.1	77	77	28	28	97	44	55	14(42)	93	13	83	22
		82	7	89	32(110)	29	29	76	76	7	81	32	89(249)
111.5	8.8	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)
118.1	7.5	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)
124.7	6.4	77	77	26	26	98	42	54	11(42)	94	9	83	19
		82	4	90	30(110)	26	26	76	76	3	82	30	90(249)
131.2	5.5	77	77	25	25	100	41	55	10(43)	95	8	84	18
		82	2	91	30(111)	26	26	77	77	2	82	30	91(248)
137.8	4.4	77	77	25	25	99	40	54	10(43)	94	8	84	18
		82	2	91	29(111)	25	25	77	77	1	81	30	91(248)
144.4	3.5	77	77	25	25	99	40	54	9(43)	94	7	84	18
		82	1	91	29(111)	25	25	77	77	1	81	30	91(248)
150.9	2.6	77	77	24	24	99	40	54	9(43)	94	7	84	17
		82	0	91	29(111)	24	24	77	77	0	81	29	91(248)

 HA=166.0 HI= 55.8 GGW= 68.6 SL= 0.0 MAX(A,B,C,D)= 9.3 7.6 8.5 8.5

Main boom and fixed jib (jib angle 20.0 degrees)
 Length of main boom = 175.5 ft Length of jib = 55.8 ft
 Main boom sequence = 0-45-100-100-100-100 % LK = 69
 Counterweight = 68.6 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]								(Pos.[Degrees])				0-360 Degr.						
	1(0)		2(...)				3(90)												
	4(...)		5(180)				6(...)												
	A	B	C	D	A	B	C	D	A	B	C	D							
72.2	13.4	66	66	41	41	74	54	50	35	(30)	74	33	69	37					
		71	31	71	40	(101)	41	41	65	65	31	71	40	71	(258)				
78.7	12.8	68	68	38	38	80	51	52	30	(35)	78	28	72	34					
		73	25	75	39	(106)	39	39	68	68	25	73	39	75	(253)				
85.3	12.3	71	71	35	35	86	48	53	25	(39)	83	24	75	30					
		75	19	80	37	(110)	35	35	70	70	19	75	38	80	(249)				
91.9	11.7	73	73	32	32	91	45	55	21	(42)	87	19	78	27					
		77	14	84	36	(112)	33	33	73	73	14	76	37	84	(247)				
98.4	11.2	76	76	30	30	95	45	54	16	(41)	91	15	81	23					
		82	9	87	32	(109)	30	30	75	75	9	81	33	88	(250)				
105.0	10.1	77	77	28	28	97	43	55	14	(42)	93	12	83	22					
		82	7	89	32	(110)	29	29	76	76	6	82	32	89	(249)				
111.5	8.8	77	77	27	27	98	43	55	13	(42)	93	11	83	21					
		83	5	90	31	(110)	28	28	76	76	5	82	31	90	(249)				
118.1	7.5	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)				
124.7	6.4	77	77	26	26	99	42	54	11	(42)	94	9	84	19					
		83	3	90	30	(110)	26	26	77	77	3	82	30	90	(249)				
131.2	5.5	77	77	25	25	100	41	55	10	(43)	95	8	84	18					
		83	2	91	30	(111)	25	25	77	77	1	82	30	91	(248)				
137.8	4.4	77	77	25	25	99	40	55	9	(43)	94	8	84	18					
		82	1	91	29	(111)	25	25	77	77	1	82	30	91	(248)				
144.4	3.5	77	77	25	25	100	40	54	9	(43)	95	7	84	17					
		82	0	91	29	(111)	25	25	77	77	0	82	30	91	(248)				
150.9	2.6	77	77	24	24	99	40	54	9	(43)	94	7	84	17					
		82	0	91	29	(111)	24	24	77	77	0	81	29	91	(248)				

 HA=175.5 HI= 55.8 GGW= 68.6 SL= 0.0 MAX(A,B,C,D)= 9.3 7.6 8.5 8.5

Main boom and fixed jib (jib angle 20.0 degrees)
 Length of main boom = 180.1 ft Length of jib = 55.8 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							
72.2	13.7	67	67	40	40	77	53	51	32	(33)	76	31	70	36					
		72	29	73	40	(104)	40	40	66	66	28	72	40	73	(255)				
78.7	13.4	70	70	36	36	84	49	53	26	(38)	82	25	74	32					
		75	21	79	38	(109)	37	37	70	70	21	74	38	79	(250)				
85.3	13.0	73	73	33	33	90	47	54	21	(41)	87	20	78	27					
		77	15	84	37	(112)	34	34	73	73	15	76	37	84	(247)				
91.9	12.6	76	76	30	30	95	45	55	17	(41)	91	15	82	24					
		79	9	89	35	(114)	31	31	75	75	9	78	36	89	(245)				
98.4	11.0	77	77	29	29	97	44	55	15	(42)	93	13	83	22					
		82	7	89	32	(110)	29	29	76	76	7	81	33	89	(249)				
105.0	9.3	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)				

111.5	7.9	76	76	28	28	97	43	54	13(42)	93	11	83	21
		82	6	89	31(110)	28	28	76	76	5	81	32	89(249)
118.1	6.6	76	76	27	27	97	42	54	12(42)	93	11	83	20
		82	5	89	30(110)	27	27	76	76	4	81	31	90(249)
124.7	5.5	76	76	26	26	98	42	54	11(42)	93	9	83	19
		82	4	90	30(110)	26	26	76	76	3	81	30	90(249)
131.2	4.4	76	76	26	26	98	41	54	11(42)	93	9	83	19
		82	3	90	29(110)	26	26	76	76	3	81	30	90(249)
137.8	3.5	76	76	25	25	99	40	54	10(43)	94	8	83	18
		82	2	90	29(111)	25	25	76	76	1	81	30	91(248)
144.4	2.6	76	76	25	25	99	40	54	9(43)	94	7	84	18
		82	1	91	29(111)	25	25	76	76	1	81	30	91(248)

HA=180.1 HI= 55.8 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 = 191.9 ft Length of jib = 55.8 ft

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

Counterweight = 68.6 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.			
		1(0)		2(...)		3(90)		6(...)					
		A	B	C	D	A	B	C	D	A	B	C	D
72.2	13.0	66	66	40	40	75	53	50	34(31)	75	32	69	37
		72	30	71	39(102)	41	41	65	65	30	71	40	72(257)
78.7	12.8	69	69	37	37	82	50	52	28(37)	80	26	73	32
		74	23	77	38(108)	37	37	69	69	23	74	39	77(251)
85.3	12.3	72	72	34	34	89	47	54	22(41)	85	21	77	28
		76	17	82	37(111)	34	34	72	72	17	76	37	82(248)
91.9	11.7	75	75	31	31	93	46	54	18(40)	89	17	80	25
		78	11	86	35(113)	32	32	74	74	11	77	36	86(246)
98.4	10.4	75	75	30	30	95	45	54	16(41)	91	15	81	23
		81	9	87	32(109)	30	30	75	75	9	81	33	87(250)
105.0	8.8	75	75	29	29	95	44	54	15(41)	91	13	82	22
		82	8	88	31(109)	29	29	75	75	8	81	32	88(250)
111.5	7.5	76	76	28	28	96	43	54	14(42)	92	12	82	21
		81	6	88	31(110)	28	28	75	75	6	80	32	88(249)
118.1	6.2	75	75	27	27	96	42	54	13(42)	92	11	82	21
		81	6	88	31(110)	28	28	75	75	6	80	31	88(249)
124.7	5.1	75	75	27	27	97	42	54	12(42)	92	10	82	20
		81	5	89	30(110)	27	27	75	75	4	81	31	89(249)
131.2	4.2	76	76	26	26	97	41	54	11(42)	93	9	83	19
		82	3	90	29(110)	26	26	76	76	3	81	30	90(249)
137.8	3.1	75	75	26	26	97	41	54	11(42)	92	9	82	19
		81	3	89	29(110)	26	26	75	75	3	81	30	89(249)
144.4	2.2	75	75	25	25	97	41	53	10(42)	93	8	82	18
		81	2	89	29(110)	25	25	76	76	2	81	30	89(249)

HA=191.9 HI= 55.8 GGW= 68.6 SL= 0.0 MAX(A,B,C,D)= 9.1 7.5 8.3 8.3

Main boom and fixed jib (jib angle 20.0 degrees)

Length of main boom = 193.9 ft Length of jib = 55.8 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(...)				5(180)					6(...)					
A	B	C	D	A	B	C	D	A	B	C	D				
72.2	13.4	68	68	39	39	79	52	52	31	(35)	78	29	71	34	
		73	26	75	39	(105)	39	39	67	67	26	73	39	75	(254)
78.7	13.0	71	71	35	35	86	49	53	25	(39)	83	24	75	30	
		75	20	80	38	(110)	36	36	70	70	20	75	38	80	(249)
85.3	12.8	75	75	32	32	92	47	54	19	(40)	89	18	80	26	
		78	13	86	36	(113)	32	32	74	74	13	77	37	86	(246)
91.9	11.0	75	75	30	30	93	46	54	18	(40)	90	16	80	24	
		78	10	87	35	(113)	31	31	74	74	10	78	36	87	(246)
98.4	9.3	75	75	30	30	94	45	54	16	(41)	90	15	81	23	
		78	9	87	35	(114)	30	30	74	74	9	77	35	87	(245)
105.0	7.7	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)
111.5	6.4	75	75	28	28	95	43	53	14	(41)	91	12	81	22	
		81	7	87	31	(109)	28	28	75	75	7	80	31	87	(250)
118.1	5.1	75	75	28	28	95	42	54	13	(42)	91	12	81	21	
		80	6	87	31	(110)	28	28	75	75	6	80	31	88	(249)
124.7	4.0	75	75	27	27	95	42	54	13	(42)	91	11	81	20	
		80	5	88	30	(110)	27	27	75	75	5	80	31	88	(249)
131.2	3.1	75	75	26	26	97	41	53	11	(42)	92	9	82	19	
		81	4	89	30	(110)	26	26	75	75	3	80	30	89	(249)

HA=193.9 HI= 55.8 GGW= 68.6 SL= 0.0 MAX(A,B,C,D)= 9.0 7.5 8.2 8.3

Main boom and fixed jib (jib angle 20.0 degrees)

Length of main boom = 205.7 ft Length of jib = 55.8 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(...)				5(180)					6(...)					
A	B	C	D	A	B	C	D	A	B	C	D				
78.7	12.3	70	70	36	36	84	49	53	26	(38)	82	25	74	31	
		75	21	78	38	(109)	36	36	69	69	21	74	38	79	(250)
85.3	12.1	73	73	32	32	91	46	55	20	(42)	87	19	78	27	
		77	14	84	36	(112)	33	33	73	73	14	77	37	84	(247)
91.9	10.6	74	74	31	31	92	46	54	18	(40)	89	17	80	25	
		78	11	86	35	(113)	32	32	74	74	11	77	36	86	(246)
98.4	9.0	75	75	30	30	93	45	54	17	(41)	90	15	80	24	
		78	9	87	34	(113)	30	30	74	74	9	77	35	87	(246)
105.0	7.5	75	75	29	29	94	44	54	16	(41)	90	14	80	23	
		80	9	86	32	(109)	29	29	74	74	9	80	32	86	(250)
111.5	6.0	74	74	29	29	93	44	53	15	(41)	90	13	80	22	
		80	8	86	31	(109)	29	29	74	74	8	80	32	86	(250)
118.1	4.9	75	75	28	28	94	43	53	14	(41)	90	12	81	21	
		80	7	87	30	(109)	28	28	74	74	6	80	31	87	(250)
124.7	3.7	75	75	27	27	95	42	54	13	(42)	91	11	81	21	
		80	6	87	30	(110)	27	27	75	75	5	79	31	88	(249)

131.2 2.6 74 74 27 27 95 41 53 13(42) 90 11 81 20
 80 5 87 30(110) 27 27 74 74 5 79 31 88(249)

HA=205.7 HI= 55.8 GGW= 68.6 SL= 0.0 MAX(A,B,C,D)= 8.8 7.4 8.1 8.1

Main boom and fixed jib (jib angle 20.0 degrees)

Length of main boom = 208.0 ft Length of jib = 55.8 ft
 Main boom sequence = 90-90-90-90-90-90 % LK = 78
 Counterweight = 68.6 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
	1(0)				2(...)					3(90)			
	4(...)				5(180)					6(...)			
A	B	C	D	A	B	C	D	A	B	C	D		
78.7	12.6	72	72	34	34	87	48	54	24(40)	84	23	76	29
		76	18	81	37(110)	35	35	71	71	18	76	37	81(249)
85.3	11.5	74	74	32	32	91	45	55	20(42)	88	19	79	26
		77	13	84	36(112)	33	33	73	73	13	77	36	85(247)
91.9	9.7	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)
98.4	7.9	74	74	30	30	92	45	53	17(40)	89	16	80	24
		77	10	86	35(113)	30	30	73	73	10	77	35	86(246)
105.0	6.4	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)
111.5	5.1	74	74	28	28	93	43	53	15(41)	89	13	80	22
		80	8	86	31(109)	29	29	74	74	8	79	32	86(250)
118.1	3.7	74	74	28	28	93	43	53	15(41)	89	13	80	22
		80	7	86	31(109)	28	28	74	74	7	79	31	86(250)
124.7	2.6	74	74	27	27	93	43	52	14(41)	90	12	80	21
		80	6	86	30(109)	27	27	74	74	6	79	31	86(250)

HA=208.0 HI= 55.8 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 = 222.4 ft Length of jib = 55.8 ft
 Main boom sequence = 100-100-100-100-100-100 % LK = 79
 Counterweight = 68.6 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
	1(0)				2(...)					3(90)			
	4(...)				5(180)					6(...)			
A	B	C	D	A	B	C	D	A	B	C	D		
85.3	10.8	73	73	33	33	90	46	54	21(41)	86	20	78	27
		76	15	83	36(112)	33	33	72	72	15	76	37	84(247)
91.9	9.0	73	73	31	31	90	46	53	19(40)	87	18	78	26
		77	13	84	35(112)	32	32	73	73	13	76	36	84(247)
98.4	7.3	73	73	31	31	91	45	53	18(40)	87	17	78	25
		76	11	84	35(113)	31	31	73	73	11	76	35	85(246)
105.0	5.7	73	73	30	30	91	45	52	17(40)	87	16	78	24
		76	10	85	34(113)	30	30	73	73	10	75	35	85(246)
111.5	4.4	73	73	29	29	91	44	52	16(40)	88	15	79	23
		79	9	84	31(108)	29	29	73	73	9	78	32	84(251)
118.1	3.3	73	73	28	28	92	43	53	15(41)	88	13	79	22
		79	8	85	31(109)	28	28	73	73	8	78	32	85(250)

HA=222.4 HI= 55.8 GGW= 68.6 SL= 0.0 MAX(A,B,C,D)= 8.6 7.3 7.9 7.9

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

14.10.2003, 15:37:22

Eingabedatei: ilam.dat

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

Tabellendat.: /berechnung/tabellen/ac/ac200-1/serie_3/pc_tab/22137312_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 = 55.8 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(59)		3(90)		6(...)						
	A	B	C	D	A	B	C	D	A	B	C	D	
45.9	15.2	48	48	59	59	42	60	50	63	44	64	45	61
		50	66	43	56(128)	60	60	47	47	66	50	56	43(232)
52.5	14.3	50	50	56	56	47	57	51	58	48	59	49	57
		51	60	48	54(128)	57	57	50	50	60	51	54	48(232)
59.1	13.7	53	53	53	53	53	54	53	53	53	54	52	53
		53	54	52	53(127)	54	54	52	52	54	53	53	52(232)
65.6	13.2	56	56	50	50	59	51	54	48	58	49	56	49
		55	48	57	52(128)	50	50	56	56	48	55	52	57(232)
72.2	13.0	60	60	46	46	66	47	56	43	64	43	61	45
		64	43	61	45(90)	47	47	59	59	43	64	45	61(270)

HA= 40.7 HI= 55.8 GGW= 68.6 SL= 0.0 MAX(A,B,C,D)= 6.1 6.1 5.7 5.8

Main boom and fixed jib (jib angle 40.0 degrees)

Length of main boom = 54.5 ft Length of jib = 55.8 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	A	B	C	D

45.9	15.2	48	48	59	59	42	60	50	63(59)	44	64	45	61
		50	66	43	56(128)	60	60	47	47	66	50	56	43(232)
52.5	14.6	50	50	56	56	47	57	51	58(59)	48	59	49	57
		51	60	48	54(128)	57	57	50	50	60	51	54	48(232)
59.1	13.9	53	53	53	53	53	54	53	54(59)	53	54	52	54
		53	55	52	53(127)	54	54	52	52	55	53	53	52(232)
65.6	13.4	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	13.0	59	59	47	47	64	49	56	44(59)	62	44	60	46
		57	43	61	51(128)	48	48	58	58	43	57	51	61(232)
78.7	12.8	62	62	44	44	65	58	47	42(15)	68	39	63	42
		68	39	63	42(90)	45	45	61	61	39	68	42	63(270)
85.3	12.3	65	65	41	41	72	54	49	35(28)	73	34	67	38
		70	32	69	40(100)	42	42	64	64	32	70	40	69(259)

HA= 54.5 HI= 55.8 GGW= 68.6 SL= 0.0 MAX(A,B,C,D)= 6.7 6.5 6.4 6.4

Main boom and fixed jib (jib angle 40.0 degrees)

Length of main boom = 68.6 ft Length of jib = 55.8 ft

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

Counterweight = 68.6 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.			
		1(0)		2(...)		3(90)		6(...)					
		4(...)		5(180)		6(...)							
		A	B	C	D	A	B	C	D	A	B	C	D
52.5	14.6	50	50	57	57	47	57	51	59(59)	48	60	49	58
		51	61	47	54(128)	57	57	50	50	61	51	54	47(232)
59.1	13.9	53	53	54	54	52	54	52	54(59)	52	55	52	54
		53	55	52	53(127)	54	54	52	52	55	53	53	52(232)
65.6	13.2	55	55	51	51	57	52	54	50(59)	56	50	55	50
		55	50	56	52(128)	52	52	54	54	50	55	52	56(232)
72.2	12.3	57	57	49	49	61	50	55	46(59)	60	47	58	48
		56	46	59	51(128)	49	49	56	56	46	56	51	59(232)
78.7	11.7	59	59	46	46	65	47	56	42(59)	63	43	60	45
		63	43	60	45(90)	47	47	59	59	43	63	45	60(270)
85.3	11.0	61	61	44	44	65	57	47	41(15)	67	39	63	41
		67	39	63	41(90)	44	44	61	61	39	67	41	63(270)
91.9	10.4	63	63	42	42	70	55	48	37(25)	70	35	66	39
		69	34	67	40(97)	42	42	63	63	34	69	40	67(262)
98.4	9.7	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)

HA= 68.6 HI= 55.8 GGW= 68.6 SL= 0.0 MAX(A,B,C,D)= 6.9 6.5 6.6 6.6

Main boom and fixed jib (jib angle 40.0 degrees)

Length of main boom = 70.2 ft Length of jib = 55.8 ft

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

Counterweight = 68.6 kip

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

52.5	13.9	50	50	57	57	46	58	50	60(59)	47	61	48	58
		51	62	46	54(128)	58	58	49	49	62	51	54	46(232)
59.1	12.8	51	51	55	55	49	55	52	56(59)	50	57	50	55
		52	57	49	54(128)	55	55	51	51	57	52	54	49(232)
65.6	11.9	53	53	52	52	53	53	53	52(59)	53	53	53	52
		53	53	53	52(127)	53	53	53	53	53	53	52	53(232)
72.2	11.0	55	55	50	50	57	51	54	49(59)	56	49	55	50
		54	49	56	51(128)	51	51	54	54	49	54	51	56(232)
78.7	10.1	56	56	48	48	60	49	54	46(59)	59	46	57	47
		55	45	59	50(128)	49	49	56	56	45	55	50	59(232)
85.3	9.5	58	58	46	46	64	47	55	42(59)	62	42	60	44
		62	42	60	44(90)	46	46	58	58	42	62	44	60(270)
91.9	9.0	60	60	44	44	63	57	46	41(13)	66	38	62	41
		66	38	62	41(90)	44	44	60	60	38	66	41	62(270)
98.4	8.6	63	63	41	41	69	54	48	36(25)	70	34	65	38
		68	33	66	40(97)	41	41	62	62	33	68	40	67(262)

 HA= 70.2 HI= 55.8 GGW= 68.6 SL= 0.0 MAX(A,B,C,D)= 6.5 6.3 6.2 6.2

Main boom and fixed jib (jib angle 40.0 degrees)

Length of main boom = 82.3 ft Length of jib = 55.8 ft
 Main boom sequence = 0-0-0-0-45-90 % LK = 20
 Counterweight = 68.6 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
	1(0)		2(...)		3(90)		6(...)						
	A	B C D	A B C D	A B C D	A B C D	A B C D							
52.5	14.6	50	50	56	56	47	57	51	59(59)	48	60	49	58
		51	60	48	54(128)	57	57	50	50	60	51	54	48(232)
59.1	14.1	53	53	54	54	53	54	53	54(59)	53	54	52	54
		53	55	52	53(127)	54	54	52	52	55	53	53	52(232)
65.6	13.4	56	56	51	51	58	52	54	50(59)	57	50	56	50
		55	49	56	52(128)	51	51	55	55	49	55	52	56(232)
72.2	12.8	58	58	48	48	62	49	55	45(59)	61	46	58	47
		56	45	60	51(128)	49	49	57	57	45	56	51	60(232)
78.7	12.1	60	60	46	46	67	47	56	41(59)	65	42	61	44
		65	42	61	44(90)	46	46	59	59	42	65	44	61(270)
85.3	11.5	62	62	43	43	66	57	47	40(18)	68	38	64	41
		68	38	64	41(91)	44	44	62	62	37	68	41	64(268)
91.9	10.8	64	64	41	41	71	54	49	36(27)	71	34	66	38
		70	33	68	40(98)	42	42	63	63	33	69	40	68(261)
98.4	10.4	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)
105.0	9.9	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)
111.5	9.5	71	71	34	34	86	47	53	23(40)	83	22	75	29
		75	17	80	36(110)	34	34	70	70	17	74	37	80(249)

 HA= 82.3 HI= 55.8 GGW= 68.6 SL= 0.0 MAX(A,B,C,D)= 8.0 6.9 7.4 7.5

Main boom and fixed jib (jib angle 40.0 degrees)

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

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	13.2	52	52	54	54	50	55	52	55	(59)	51	56	51	55	
		52	56	50	53	(128)	55	55	51	51		56	52	53	50
65.6	12.1	54	54	52	52	54	53	53	52	(59)	54	52	53	52	
		54	52	53	52	(127)	53	53	53	53		52	53	52	53
72.2	11.5	56	56	50	50	58	50	54	48	(59)	58	48	56	49	
		55	48	57	51	(128)	50	50	55	55		48	55	51	57
78.7	10.6	57	57	48	48	62	49	55	45	(59)	60	45	58	46	
		56	44	60	50	(128)	48	48	57	57		44	56	50	60
85.3	10.1	60	60	45	45	60	60	45	45	(0)	64	41	61	43	
		64	41	61	43	(90)	46	46	59	59		41	64	43	61
91.9	9.5	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
98.4	9.0	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
105.0	8.6	65	65	39	39	75	52	50	32	(32)	74	30	69	35	
		71	28	71	38	(103)	39	39	65	65		27	70	39	71
111.5	8.2	67	67	36	36	80	49	51	28	(36)	78	26	71	32	
		72	23	75	37	(107)	37	37	67	67		23	72	38	75

HA= 84.0 HI= 55.8 GGW= 68.6 SL= 0.0 MAX(A,B,C,D)= 7.4 6.7 7.0 7.0

Main boom and fixed jib (jib angle 40.0 degrees)

Length of main boom = 96.5 ft Length of jib = 55.8 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		
59.1	13.9	53	53	54	54	52	54	52	54	(59)	52	55	52	54	
		53	55	52	53	(127)	54	54	52	52		55	53	53	52
65.6	13.4	56	56	51	51	58	52	54	49	(59)	57	50	56	50	
		55	49	56	52	(128)	51	51	55	55		49	55	52	56
72.2	13.0	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
78.7	12.3	60	60	45	45	61	60	46	45	(4)	65	41	62	43	
		65	41	62	43	(90)	46	46	60	60		41	65	43	62
85.3	11.7	62	62	43	43	67	56	48	39	(20)	69	37	64	40	
		68	37	65	41	(92)	44	44	62	62		37	68	41	65
91.9	11.2	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
98.4	10.8	67	67	38	38	78	51	51	30	(34)	77	29	70	34	
		72	26	73	38	(105)	39	39	66	66		26	72	39	74
105.0	10.4	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	77
111.5	9.9	71	71	33	33	87	47	53	22	(40)	84	21	76	28	
		75	17	81	36	(111)	34	34	71	71		16	75	37	81

118.1 9.7 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)

HA= 96.5 HI= 55.8 GGW= 68.6 SL= 0.0 MAX(A,B,C,D)= 8.5 7.1 7.9 7.9

Main boom and fixed jib (jib angle 40.0 degrees)
 Length of main boom = 100.4 ft Length of jib = 55.8 ft
 Main boom sequence = 0-0-0-0-100-100 % LK = 29
 Counterweight = 68.6 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
	1(0)				2(...)								
	3(90)				4(...)								
	A	B	C	D	A	B	C	D	A	B	C	D	
59.1	13.2	52	52	54	54	51	55	52	55(59)	51	56	51	55
		52	56	50	53(128)	55	55	51	51	56	52	53	50(232)
65.6	12.3	54	54	52	52	55	52	53	51(59)	55	52	54	52
		54	52	54	52(127)	52	52	53	53	52	54	52	54(232)
72.2	11.7	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	11.0	58	58	47	47	63	48	55	44(59)	62	44	59	46
		57	43	61	50(128)	48	48	58	58	43	57	50	61(232)
85.3	10.4	60	60	45	45	61	59	46	44(5)	65	40	62	43
		65	40	62	43(90)	45	45	60	60	40	65	43	62(270)
91.9	9.9	62	62	43	43	67	56	48	39(21)	69	37	64	40
		68	36	65	40(93)	43	43	62	62	36	68	41	65(266)
98.4	9.5	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)
105.0	9.0	66	66	38	38	77	51	50	31(33)	75	29	69	34
		71	26	73	38(105)	38	38	66	66	26	71	39	73(254)
111.5	8.6	68	68	36	36	81	49	51	27(37)	79	26	72	32
		73	22	76	37(108)	36	36	68	68	22	72	38	76(251)
118.1	8.2	70	70	34	34	85	47	52	23(39)	82	22	75	29
		74	18	79	36(110)	34	34	69	69	18	74	37	79(249)
124.7	7.7	72	72	32	32	89	45	53	20(41)	85	19	77	26
		75	14	82	35(112)	32	32	71	71	13	75	36	83(247)

HA=100.4 HI= 55.8 GGW= 68.6 SL= 0.0 MAX(A,B,C,D)= 8.2 6.9 7.7 7.7

Main boom and fixed jib (jib angle 40.0 degrees)
 Length of main boom = 110.2 ft Length of jib = 55.8 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(...)								
	A	B	C	D	A	B	C	D	A	B	C	D	
65.6	13.4	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	13.0	59	59	47	47	64	49	56	44(59)	62	45	60	46
		57	43	61	51(128)	48	48	58	58	43	57	51	61(232)
78.7	12.6	61	61	45	45	64	58	47	43(11)	67	40	63	43
		67	40	63	43(90)	45	45	61	61	40	67	43	63(270)

85.3	12.1	64	64	42	42	70	55	49	37(25)	71	35	66	39
		69	34	67	40(97)	43	43	63	63	34	69	41	67(262)
91.9	11.5	66	66	40	40	75	53	50	33(31)	74	32	69	36
		71	30	71	39(102)	40	40	65	65	29	71	39	71(257)
98.4	11.0	68	68	37	37	80	50	51	29(36)	78	28	72	33
		73	24	75	38(107)	38	38	67	67	24	72	39	75(252)
105.0	10.8	71	71	34	34	86	48	53	24(39)	83	23	75	30
		75	19	80	37(110)	35	35	70	70	18	74	37	80(249)
111.5	10.4	73	73	32	32	90	45	54	20(42)	86	19	78	26
		77	14	84	36(112)	33	33	72	72	14	76	36	84(247)
118.1	9.9	75	75	30	30	94	45	54	17(41)	90	15	81	24
		78	9	87	35(114)	30	30	74	74	9	77	35	87(245)
124.7	9.0	76	76	28	28	96	44	54	15(41)	92	13	82	22
		82	7	88	31(109)	29	29	75	75	7	81	32	88(250)
131.2	7.9	76	76	28	28	97	43	54	13(42)	92	12	82	21
		82	6	89	31(110)	28	28	76	76	6	81	32	89(249)

 HA=110.2 HI= 55.8 GGW= 68.6 SL= 0.0 MAX(A,B,C,D)= 9.0 7.6 8.2 8.3

Main boom and fixed jib (jib angle 40.0 degrees)
 Length of main boom = 114.5 ft Length of jib = 55.8 ft
 Main boom sequence = 0-0-0-45-100-100 % LK = 37
 Counterweight = 68.6 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
	1(0)		2(...)		3(90)		6(...)						
	A	B C D	A B C D	A B C D	A B C D	A B C D							
65.6	12.6	55	55	51	51	56	52	54	50(59)	56	51	54	51
		54	50	55	52(128)	52	52	54	54	50	54	52	55(232)
72.2	11.9	57	57	49	49	60	50	55	46(59)	60	47	57	48
		56	46	59	51(128)	49	49	56	56	46	56	51	59(232)
78.7	11.2	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)
85.3	10.8	61	61	44	44	65	57	47	41(15)	67	39	63	41
		67	39	63	41(90)	44	44	61	61	39	67	41	63(270)
91.9	10.1	63	63	42	42	69	55	48	37(24)	70	35	65	39
		69	34	67	40(96)	42	42	63	63	34	69	40	67(263)
98.4	9.7	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)
105.0	9.5	68	68	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)
111.5	9.0	70	70	35	35	84	47	52	24(39)	81	23	74	30
		74	19	78	37(109)	35	35	69	69	19	74	37	79(250)
118.1	8.6	71	71	32	32	88	45	53	21(41)	85	20	77	27
		76	15	82	35(111)	33	33	71	71	15	75	36	82(248)
124.7	8.2	73	73	30	30	91	45	53	18(40)	88	16	79	24
		77	11	85	35(113)	31	31	73	73	11	76	35	85(246)
131.2	7.9	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)
137.8	7.1	76	76	27	27	97	42	54	12(42)	93	11	83	20
		82	5	89	30(110)	27	27	76	76	4	81	31	90(249)

 HA=114.5 HI= 55.8 GGW= 68.6 SL= 0.0 MAX(A,B,C,D)= 9.1 7.6 8.3 8.3

 Main boom and fixed jib (jib angle 40.0 degrees)
 Length of main boom = 124.3 ft Length of jib = 55.8 ft
 Main boom sequence = 0-0-0-90-90-90 % LK = 45
 Counterweight = 68.6 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]								(Pos.[Degrees])				0-360 Degr.
		1(0)				2(...)				3(90)				
		4(...)				5(180)				6(...)				
A	B	C	D	A	B	C	D	A	B	C	D			
65.6	13.4	56	56	50	50	59	51	54	48	(59)	58	49	56	49
		56	48	57	52(128)	51	51	56	56		48	56	52	57(232)
72.2	13.0	59	59	47	47	64	48	56	44	(59)	63	44	60	46
		63	44	60	46(90)	48	48	58	58		44	63	46	60(270)
78.7	12.8	62	62	44	44	66	58	47	41	(16)	68	39	64	42
		68	39	64	42(90)	45	45	61	61		39	68	42	64(270)
85.3	12.1	64	64	42	42	71	55	49	37	(26)	72	35	67	39
		70	33	68	40(98)	42	42	63	63		33	70	40	68(261)
91.9	11.7	67	67	39	39	77	52	50	32	(33)	76	30	70	35
		72	28	73	39(104)	39	39	66	66		28	71	39	73(255)
98.4	11.2	69	69	36	36	82	50	52	27	(37)	80	26	73	32
		73	22	77	38(108)	37	37	68	68		22	73	38	77(251)
105.0	10.8	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)
111.5	10.6	74	74	31	31	92	46	53	19	(40)	88	17	79	25
		77	12	85	36(113)	32	32	73	73		12	77	36	86(246)
118.1	9.9	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)
124.7	8.8	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)
131.2	7.7	76	76	28	28	97	43	54	13	(42)	92	12	82	21
		81	6	88	31(110)	28	28	75	75		6	81	32	89(249)
137.8	6.8	76	76	27	27	98	42	54	12	(42)	93	10	83	20
		82	4	90	30(110)	27	27	76	76		4	81	31	90(249)
144.4	6.0	77	77	26	26	99	42	54	11	(42)	94	9	84	19
		82	3	90	30(110)	26	26	77	77		3	82	30	90(249)

 HA=124.3 HI= 55.8 GGW= 68.6 SL= 0.0 MAX(A,B,C,D)= 9.2 7.6 8.4 8.4

Main boom and fixed jib (jib angle 40.0 degrees)
 Length of main boom = 130.9 ft Length of jib = 55.8 ft
 Main boom sequence = 0-0-0-100-100-100 % LK = 46
 Counterweight = 68.6 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]								(Pos.[Degrees])				0-360 Degr.
		1(0)				2(...)				3(90)				
		4(...)				5(180)				6(...)				
A	B	C	D	A	B	C	D	A	B	C	D			
72.2	11.9	57	57	48	48	61	49	55	46	(59)	60	46	58	47
		56	45	59	51(128)	49	49	57	57		45	56	51	59(232)
78.7	11.2	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	10.8	62	62	43	43	66	57	47	40	(18)	68	38	64	41
		68	37	64	41(91)	44	44	61	61		37	67	41	64(268)

91.9	10.4	64	64	41	41	72	54	49	35(28)	72	34	67	38
		70	32	68	40(99)	41	41	63	63	32	69	40	69(260)
98.4	9.9	66	66	38	38	77	52	50	31(33)	75	30	70	35
		71	27	72	38(104)	39	39	66	66	27	71	39	73(255)
105.0	9.5	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)
111.5	9.3	71	71	34	34	86	47	53	23(40)	83	21	76	28
		75	17	80	36(110)	34	34	70	70	17	75	37	80(249)
118.1	9.0	73	73	31	31	91	46	53	19(40)	88	17	79	25
		77	12	85	35(113)	31	31	73	73	12	76	36	85(246)
124.7	8.6	75	75	29	29	95	44	54	15(41)	91	14	81	22
		81	8	87	32(109)	29	29	75	75	8	80	32	87(250)
131.2	7.7	76	76	28	28	96	43	54	13(42)	92	12	82	21
		81	6	88	31(110)	28	28	75	75	6	81	32	89(249)
137.8	6.8	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)
144.4	6.0	77	77	26	26	98	42	54	11(42)	93	9	83	19
		82	3	90	30(110)	26	26	76	76	3	82	30	90(249)
150.9	5.1	77	77	26	26	99	41	55	10(43)	94	8	84	19
		82	2	90	30(111)	26	26	77	77	2	81	30	91(248)

HA=130.9 HI= 55.8 GGW= 68.6 SL= 0.0 MAX(A,B,C,D)= 9.2 7.6 8.4 8.4

Main boom and fixed jib (jib angle 40.0 degrees)

Length of main boom = 138.1 ft Length of jib = 55.8 ft

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

Counterweight = 68.6 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.			
		1(0)		2(...)		3(90)		6(...)					
		4(...)		5(180)		6(...)							
		A	B	C	D	A	B	C	D				
72.2	13.0	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)
78.7	12.6	62	62	44	44	67	57	48	40(18)	69	38	64	41
		68	38	64	41(91)	44	44	62	62	38	68	41	65(268)
85.3	12.3	65	65	41	41	74	54	50	34(30)	74	33	68	37
		71	31	70	40(101)	41	41	65	65	31	71	40	70(258)
91.9	11.9	68	68	38	38	80	51	51	30(35)	78	28	71	34
		73	25	75	38(106)	38	38	67	67	25	73	39	75(253)
98.4	11.5	70	70	35	35	85	48	53	25(39)	82	24	75	30
		75	20	79	37(109)	36	36	70	70	20	75	37	79(250)
105.0	11.0	73	73	32	32	90	46	54	21(41)	86	20	78	27
		76	15	83	36(112)	33	33	72	72	14	76	37	84(247)
111.5	10.8	75	75	30	30	95	45	54	16(41)	91	15	81	23
		81	9	87	32(109)	30	30	75	75	9	81	33	87(250)
118.1	9.5	75	75	29	29	95	44	54	15(41)	91	14	82	22
		82	8	88	32(109)	29	29	75	75	8	81	32	88(250)
124.7	8.4	76	76	28	28	96	43	54	14(42)	92	12	82	21
		82	6	88	31(110)	28	28	75	75	6	81	32	89(249)
131.2	7.3	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)
137.8	6.4	76	76	26	26	98	42	54	11(42)	93	10	83	19
		82	4	90	30(110)	27	27	76	76	4	82	30	90(249)

144.4 5.5 77 77 26 26 99 41 55 10(43) 94 9 84 19
 82 2 91 30(111) 26 26 77 77 2 81 30 91(248)
 150.9 4.6 77 77 25 25 99 40 55 9(43) 94 8 84 18
 82 1 91 29(111) 25 25 77 77 1 82 30 91(248)
 157.5 3.7 77 77 25 25 100 40 54 9(43) 94 7 84 17
 82 1 91 29(111) 25 25 77 77 0 82 30 91(248)

 HA=138.1 HI= 55.8 GGW= 68.6 SL= 0.0 MAX(A,B,C,D)= 9.3 7.6 8.5 8.5

Main boom and fixed jib (jib angle 40.0 degrees)
 Length of main boom = 145.0 ft Length of jib = 55.8 ft
 Main boom sequence = 0-0-45-100-100-100 % LK = 55
 Counterweight = 68.6 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.			
		1(0)		2(...)		3(90)		6(...)					
		4(...)		5(180)		6(...)							
		A	B	C	D	A	B	C	D	A	B	C	D
72.2	11.9	58	58	48	48	63	49	55	45(59)	61	45	59	46
		56	44	60	51(128)	48	48	57	57	44	56	51	60(232)
78.7	11.5	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)
85.3	11.0	63	63	42	42	69	56	48	38(23)	70	36	65	39
		69	35	66	40(95)	43	43	62	62	35	69	41	66(264)
91.9	10.6	65	65	40	40	75	53	50	33(31)	74	32	68	36
		71	29	71	39(102)	40	40	65	65	29	71	39	71(257)
98.4	10.1	68	68	37	37	80	50	51	29(36)	78	27	71	33
		73	24	75	38(106)	38	38	67	67	24	72	38	75(253)
105.0	9.7	70	70	35	35	84	48	52	25(39)	82	23	74	30
		74	19	79	37(109)	35	35	69	69	19	74	37	79(250)
111.5	9.5	72	72	32	32	90	45	54	20(42)	86	19	78	26
		76	14	83	36(112)	32	32	72	72	14	75	36	83(247)
118.1	9.0	74	74	30	30	93	45	54	17(41)	90	15	80	24
		78	9	87	34(113)	30	30	74	74	9	77	35	87(246)
124.7	8.4	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)
131.2	7.3	76	76	28	28	97	43	54	13(42)	92	11	82	21
		82	6	89	31(110)	28	28	76	76	5	81	31	89(249)
137.8	6.4	76	76	26	26	98	42	54	12(42)	93	10	83	20
		82	4	90	30(110)	27	27	76	76	4	82	31	90(249)
144.4	5.5	77	77	26	26	99	41	55	11(43)	94	9	84	19
		82	3	90	30(111)	26	26	76	76	2	81	31	91(248)
150.9	4.6	77	77	25	25	99	40	54	10(43)	94	8	84	18
		82	2	91	30(111)	25	25	77	77	2	81	30	91(248)
157.5	3.7	77	77	25	25	99	40	54	9(43)	94	7	84	18
		82	1	91	29(111)	25	25	77	77	1	81	30	91(248)

 HA=145.0 HI= 55.8 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 = 152.2 ft Length of jib = 55.8 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)									
	4(...)				5(180)				6(...)									
	A	B	C	D	A	B	C	D	A	B	C	D	A	B	C	D		
72.2	12.8	60	60	46	46	66	47	57	42	42(59)	64	42	61	44				
		64	42	61	44	47	47	59	59	42	64	44	61	44(270)				
78.7	12.6	63	63	43	43	68	56	48	39	39(21)	70	37	65	40				
		69	36	66	41	44	44	62	62	36	69	41	66	41(265)				
85.3	12.1	66	66	40	40	75	53	50	34	34(31)	74	32	69	37				
		71	30	71	39	41	41	65	65	30	71	40	71	37(257)				
91.9	11.9	69	69	37	37	81	50	52	28	28(37)	79	27	73	33				
		74	24	76	38	37	37	68	68	23	73	38	76	33(252)				
98.4	11.7	72	72	34	34	88	47	54	23	23(40)	84	22	76	29				
		76	17	81	37	34	34	71	71	17	75	37	82	29(248)				
105.0	11.2	74	74	31	31	92	46	54	19	19(40)	89	17	80	25				
		77	12	86	36	32	32	74	74	12	77	36	86	25(246)				
111.5	10.4	75	75	29	29	95	45	54	16	16(41)	91	14	81	23				
		81	9	87	32	30	30	75	75	9	81	33	87	23(250)				
118.1	9.0	76	76	29	29	95	44	54	15	15(41)	91	13	82	22				
		82	8	88	31	29	29	75	75	8	81	32	88	22(250)				
124.7	7.9	76	76	28	28	97	43	54	13	13(42)	92	12	82	21				
		82	6	89	31	28	28	76	76	6	81	32	89	21(249)				
131.2	6.8	76	76	27	27	97	42	54	13	13(42)	92	11	82	20				
		82	5	89	30	27	27	76	76	5	81	31	89	20(249)				
137.8	6.0	77	77	26	26	98	42	54	11	11(42)	93	9	83	19				
		82	3	90	30	26	26	76	76	3	82	30	90	19(249)				
144.4	5.1	77	77	26	26	99	41	55	10	10(43)	94	8	84	18				
		82	2	91	30	26	26	77	77	2	81	30	91	18(248)				
150.9	4.2	77	77	25	25	99	40	54	9	9(43)	94	7	84	18				
		82	1	91	29	25	25	77	77	1	82	30	91	18(248)				
157.5	3.3	77	77	25	25	99	40	54	9	9(43)	94	7	84	17				
		82	0	91	29	25	25	77	77	0	81	30	91	17(248)				
164.0	2.4	76	76	24	24	99	40	54	9	9(43)	94	7	84	17				
		82	0	91	29	24	24	77	77	0	81	29	91	17(248)				

HA=152.2 HI= 55.8 GGW= 68.6 SL= 0.0 MAX(A,B,C,D)= 9.2 7.6 8.5 8.5

Main boom and fixed jib (jib angle 40.0 degrees)

Length of main boom = 161.4 ft Length of jib = 55.8 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(...)				5(180)				6(...)									
	A	B	C	D	A	B	C	D	A	B	C	D	A	B	C	D		
78.7	11.5	61	61	44	44	64	58	47	42	42(13)	67	39	63	42				
		67	39	63	42	45	45	61	61	39	67	42	63	42(270)				
85.3	11.0	64	64	41	41	71	55	49	36	36(26)	71	35	66	38				
		69	33	68	40	42	42	63	63	33	69	40	68	38(261)				
91.9	10.6	66	66	39	39	77	52	50	32	32(33)	75	30	69	35				
		71	28	72	39	39	39	66	66	27	71	39	73	35(255)				
98.4	10.1	69	69	36	36	82	49	52	27	27(37)	80	26	73	32				
		73	22	77	38	37	37	68	68	22	73	38	77	32(251)				

105.0	9.9	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	82(248)
111.5	9.5	74	74	31	31	91	46	53	19(40)	88	17	79	25
		77	11	85	35(113)	31	31	73	73	11	76	36	85(246)
118.1	9.0	76	76	29	29	96	44	54	15(41)	91	13	82	22
		82	8	88	31(109)	29	29	75	75	7	81	32	88(250)
124.7	7.9	76	76	28	28	97	43	54	13(42)	92	12	82	21
		82	6	89	31(110)	28	28	76	76	6	81	32	89(249)
131.2	6.8	76	76	27	27	97	42	54	12(42)	93	11	83	20
		82	5	89	30(110)	27	27	76	76	5	81	31	89(249)
137.8	6.0	77	77	26	26	98	42	54	11(42)	93	9	83	19
		82	3	90	30(110)	26	26	76	76	3	82	30	90(249)
144.4	5.1	77	77	25	25	99	41	55	10(43)	94	8	84	18
		82	2	91	30(111)	26	26	77	77	2	81	30	91(248)
150.9	4.2	77	77	25	25	100	40	54	9(43)	94	7	84	18
		82	1	91	29(111)	25	25	77	77	1	82	30	91(248)
157.5	3.3	77	77	25	25	99	40	54	9(43)	94	7	84	17
		82	0	91	29(111)	25	25	77	77	0	82	30	91(248)
164.0	2.4	76	76	24	24	99	40	54	9(43)	94	7	84	17
		82	0	91	29(111)	24	24	77	77	0	81	29	91(248)

 HA=161.4 HI= 55.8 GGW= 68.6 SL= 0.0 MAX(A,B,C,D)= 9.3 7.6 8.5 8.5

Main boom and fixed jib (jib angle 40.0 degrees)

Length of main boom = 166.0 ft Length of jib = 55.8 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(...)					
		4(...)		5(180)		6(...)							
		A	B	C	D	A	B	C	D	A	B	C	D
78.7	12.3	63	63	42	42	70	56	49	38(24)	71	36	66	39
		69	35	67	41(96)	43	43	63	63	35	69	41	67(263)
85.3	12.1	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	11.9	70	70	36	36	84	49	52	26(38)	81	25	74	31
		74	21	78	38(109)	36	36	69	69	21	74	38	78(250)
98.4	11.7	73	73	33	33	90	45	55	21(42)	86	20	78	27
		77	15	84	36(112)	33	33	72	72	15	76	37	84(247)
105.0	11.2	76	76	30	30	95	45	54	16(41)	91	15	81	24
		78	9	88	35(114)	30	30	75	75	9	78	36	88(245)
111.5	9.9	76	76	29	29	96	44	54	15(41)	92	13	82	22
		82	8	88	31(109)	29	29	75	75	8	82	32	88(250)
118.1	8.6	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)
124.7	7.5	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)
131.2	6.4	77	77	26	26	98	42	54	11(42)	94	9	83	19
		82	3	90	30(110)	26	26	77	77	3	82	30	90(249)
137.8	5.3	77	77	26	26	99	41	55	11(43)	94	9	84	19
		82	2	90	30(111)	26	26	76	76	2	81	31	91(248)
144.4	4.4	77	77	25	25	99	40	55	9(43)	94	7	84	18
		82	1	91	29(111)	25	25	77	77	1	82	30	91(248)

150.9 3.3 76 76 25 25 99 40 54 10(43) 94 8 83 18
 82 1 90 29(111) 25 25 76 76 1 81 30 91(248)
 157.5 2.4 76 76 25 25 99 40 54 9(43) 93 7 83 18
 82 1 90 29(111) 25 25 76 76 1 81 30 91(248)

 HA=166.0 HI= 55.8 GGW= 68.6 SL= 0.0 MAX(A,B,C,D)= 9.2 7.6 8.5 8.5

Main boom and fixed jib (jib angle 40.0 degrees)
 Length of main boom = 175.5 ft Length of jib = 55.8 ft
 Main boom sequence = 0-45-100-100-100-100 % LK = 69
 Counterweight = 68.6 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.			
		1(0)		2(...)		3(90)		6(...)					
		A	B	C	D	A	B	C	D				
85.3	11.0	65	65	40	40	73	54	49	35(29)	73	33	68	37
		70	31	70	40(101)	41	41	64	64	31	70	40	70(258)
91.9	10.6	67	67	38	38	79	51	51	30(35)	77	28	71	34
		72	25	74	38(106)	38	38	67	67	25	72	39	75(253)
98.4	10.1	70	70	35	35	84	48	53	25(39)	82	24	74	30
		74	20	79	37(109)	35	35	69	69	20	74	37	79(250)
105.0	9.9	73	73	32	32	90	45	54	20(42)	86	19	78	26
		76	14	84	36(112)	32	32	72	72	14	76	36	84(247)
111.5	9.7	75	75	29	29	95	45	54	15(41)	91	14	82	23
		82	8	87	32(109)	30	30	75	75	8	81	32	88(250)
118.1	8.6	76	76	28	28	97	43	54	13(42)	92	12	82	21
		82	6	89	31(110)	28	28	76	76	6	81	32	89(249)
124.7	7.5	77	77	27	27	98	43	54	12(42)	93	10	83	20
		82	5	90	30(110)	27	27	76	76	4	82	31	90(249)
131.2	6.4	77	77	26	26	98	42	54	11(42)	94	9	84	19
		83	3	90	30(110)	26	26	77	77	3	82	30	90(249)
137.8	5.3	77	77	26	26	99	41	55	11(43)	94	9	84	19
		82	2	90	30(111)	26	26	76	76	2	81	31	91(248)
144.4	4.4	77	77	25	25	99	40	55	9(43)	94	7	84	18
		82	1	91	29(111)	25	25	77	77	1	82	30	91(248)
150.9	3.3	76	76	25	25	99	40	54	10(43)	93	8	83	18
		82	2	90	29(111)	25	25	76	76	1	81	30	91(248)
157.5	2.4	76	76	25	25	99	40	54	9(43)	93	7	83	18
		81	1	90	29(111)	25	25	76	76	1	81	30	91(248)

 HA=175.5 HI= 55.8 GGW= 68.6 SL= 0.0 MAX(A,B,C,D)= 9.2 7.6 8.5 8.5

Main boom and fixed jib (jib angle 40.0 degrees)
 Length of main boom = 180.1 ft Length of jib = 55.8 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	11.9	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)

91.9	11.7	71	71	35	35	85	48	53	25(39)	82	24	75	30
		75	20	79	37(109)	36	36	70	70	20	75	37	79(250)
98.4	11.5	74	74	32	32	91	45	55	19(42)	88	18	79	26
		77	13	85	36(112)	32	32	73	73	13	77	36	85(247)
105.0	10.8	76	76	29	29	95	45	54	16(41)	91	14	82	23
		82	9	88	32(109)	30	30	75	75	9	81	33	88(250)
111.5	9.5	76	76	28	28	97	43	55	14(42)	93	12	82	22
		82	7	89	32(110)	29	29	76	76	7	81	32	89(249)
118.1	8.2	77	77	27	27	98	43	54	13(42)	93	11	83	21
		82	5	90	31(110)	28	28	76	76	5	82	31	90(249)
124.7	6.8	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)
131.2	5.7	77	77	26	26	98	42	54	11(42)	93	9	83	19
		82	3	90	30(110)	26	26	76	76	3	82	30	90(249)
137.8	4.6	76	76	26	26	99	41	54	10(43)	94	8	83	19
		82	2	90	30(111)	26	26	76	76	2	81	30	91(248)
144.4	3.7	77	77	25	25	99	40	54	9(43)	94	7	84	18
		82	1	91	29(111)	25	25	77	77	1	81	30	91(248)
150.9	2.6	76	76	25	25	99	40	54	9(43)	93	7	83	18
		82	1	90	29(111)	25	25	76	76	1	81	30	91(248)

 HA=180.1 HI= 55.8 GGW= 68.6 SL= 0.0 MAX(A,B,C,D)= 9.2 7.6 8.5 8.5

Main boom and fixed jib (jib angle 40.0 degrees)

Length of main boom = 191.9 ft Length of jib = 55.8 ft

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

Counterweight = 68.6 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.			
		1(0)		2(...)		3(90)		6(...)					
		4(...)		5(180)		A B C D		A B C D					
85.3	11.0	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	72(256)
91.9	10.6	69	69	37	37	81	49	52	28(37)	79	26	73	32
		73	23	76	38(108)	37	37	68	68	22	73	38	77(251)
98.4	10.1	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)
105.0	9.9	74	74	31	31	92	46	53	18(40)	89	17	80	24
		77	11	86	35(113)	31	31	74	74	11	77	36	86(246)
111.5	9.0	76	76	29	29	95	44	54	15(41)	91	13	82	22
		82	8	88	32(109)	29	29	75	75	8	81	32	88(250)
118.1	7.7	76	76	28	28	96	43	54	14(42)	92	12	82	21
		81	6	88	31(110)	28	28	75	75	6	81	32	88(249)
124.7	6.4	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)
131.2	5.3	76	76	27	27	97	42	54	12(42)	92	10	82	20
		81	5	89	30(110)	27	27	75	75	4	81	31	89(249)
137.8	4.2	75	75	26	26	97	42	54	12(42)	92	10	82	20
		81	4	89	30(110)	26	26	75	75	4	81	30	89(249)
144.4	3.3	76	76	26	26	97	41	54	11(42)	93	9	83	19
		82	3	89	29(110)	26	26	76	76	3	81	30	90(249)
150.9	2.4	76	76	25	25	98	40	54	10(43)	93	8	83	18
		81	2	90	29(111)	25	25	76	76	2	80	30	90(248)

 HA=191.9 HI= 55.8 GGW= 68.6 SL= 0.0 MAX(A,B,C,D)= 9.1 7.5 8.3 8.4

Main boom and fixed jib (jib angle 40.0 degrees)
 Length of main boom = 193.9 ft Length of jib = 55.8 ft
 Main boom sequence = 45-90-90-90-90-90 % LK = 76
 Counterweight = 68.6 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
	1(0)		2(...)		3(90)		6(...)						
	A	B	C	D	A	B	C	D		A	B	C	D
85.3	11.7	68	68	37	37	80	50	52	29(36)	78	28	72	33
		73	24	75	39(107)	38	38	68	68	24	73	39	76(252)
91.9	11.5	71	71	34	34	87	47	54	23(40)	84	22	76	29
		76	18	81	37(110)	35	35	71	71	17	75	37	81(249)
98.4	11.2	75	75	31	31	93	46	54	18(40)	90	16	80	24
		78	11	87	35(113)	31	31	74	74	11	78	36	87(246)
105.0	9.7	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)
111.5	8.2	75	75	29	29	95	44	54	15(41)	91	13	81	22
		81	8	87	31(109)	29	29	75	75	8	80	32	87(250)
118.1	6.8	75	75	28	28	96	43	54	14(42)	91	12	82	21
		81	7	88	31(110)	28	28	75	75	6	80	32	88(249)
124.7	5.5	75	75	27	27	96	42	54	13(42)	91	11	82	21
		81	6	88	31(110)	28	28	75	75	6	80	31	88(249)
131.2	4.4	75	75	27	27	96	42	54	12(42)	92	10	82	20
		81	4	88	30(110)	27	27	75	75	4	80	31	89(249)
137.8	3.3	75	75	26	26	96	41	54	12(42)	92	10	82	19
		81	4	88	30(110)	26	26	75	75	4	80	30	89(249)
144.4	2.4	75	75	26	26	97	41	53	11(42)	92	9	82	19
		81	3	89	29(110)	26	26	75	75	2	81	30	89(249)

 HA=193.9 HI= 55.8 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 = 205.7 ft Length of jib = 55.8 ft
 Main boom sequence = 45-100-100-100-100-100 % LK = 77
 Counterweight = 68.6 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
	1(0)		2(...)		3(90)		6(...)						
	A	B	C	D	A	B	C	D		A	B	C	D
91.9	10.6	70	70	35	35	84	48	53	25(39)	82	24	74	30
		74	20	78	37(109)	36	36	69	69	20	74	37	79(250)
98.4	10.1	73	73	32	32	90	45	54	20(42)	86	19	78	27
		76	14	83	36(112)	33	33	72	72	14	76	36	84(247)
105.0	9.3	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)
111.5	7.7	74	74	30	30	93	44	54	16(41)	89	15	80	23
		80	9	86	32(109)	30	30	74	74	9	80	33	86(250)
118.1	6.4	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)

124.7 5.3 75 75 28 28 95 43 53 14(41) 91 12 81 21
 81 6 87 30(109) 28 28 75 75 6 80 31 87(250)
 131.2 4.2 75 75 27 27 95 42 54 13(42) 91 11 81 20
 80 5 88 30(110) 27 27 75 75 5 80 31 88(249)
 137.8 3.1 75 75 27 27 95 41 53 12(42) 91 10 81 20
 80 5 88 30(110) 27 27 75 75 4 80 31 88(249)

 HA=205.7 HI= 55.8 GGW= 68.6 SL= 0.0 MAX(A,B,C,D)= 8.9 7.5 8.2 8.2

Main boom and fixed jib (jib angle 40.0 degrees)

Length of main boom = 208.0 ft Length of jib = 55.8 ft
 Main boom sequence = 90-90-90-90-90-90 % LK = 78
 Counterweight = 68.6 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.			
		1(0)		2(...)		3(90)		6(...)					
		A	B	C	D	A	B	C	D				
91.9	11.2	72	72	33	33	89	46	54	22(41)	86	21	77	28
		76	16	82	36(111)	34	34	72	72	16	76	37	83(248)
98.4	10.1	74	74	31	31	92	46	53	19(40)	88	17	79	25
		77	12	86	35(113)	32	32	73	73	11	77	36	86(246)
105.0	8.4	74	74	30	30	92	45	53	18(40)	88	16	79	24
		77	10	86	35(113)	31	31	73	73	10	77	35	86(246)
111.5	6.8	74	74	30	30	93	44	53	17(41)	89	15	80	23
		77	9	86	34(113)	30	30	73	73	9	77	35	86(246)
118.1	5.5	74	74	29	29	93	43	53	15(41)	89	14	80	22
		80	8	86	31(109)	29	29	74	74	8	79	32	86(250)
124.7	4.2	74	74	28	28	93	43	53	15(41)	89	13	80	22
		80	7	86	31(109)	28	28	74	74	7	79	31	86(250)
131.2	3.1	74	74	28	28	93	43	53	14(41)	90	12	80	21
		80	6	86	30(109)	28	28	74	74	6	79	31	86(250)

 HA=208.0 HI= 55.8 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 = 222.4 ft Length of jib = 55.8 ft
 Main boom sequence = 100-100-100-100-100-100 % LK = 79
 Counterweight = 68.6 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.			
		1(0)		2(...)		3(90)		6(...)					
		A	B	C	D	A	B	C	D				
98.4	9.5	73	73	32	32	90	45	54	20(42)	87	18	78	26
		77	13	84	35(112)	32	32	72	72	13	76	36	84(247)
105.0	7.9	73	73	31	31	91	45	53	18(40)	88	17	79	25
		77	11	85	35(113)	31	31	73	73	11	76	36	85(246)
111.5	6.4	73	73	30	30	91	45	53	17(40)	88	16	79	24
		76	10	85	35(113)	30	30	73	73	10	76	35	85(246)
118.1	5.1	73	73	29	29	92	44	52	16(40)	88	15	79	23
		79	9	84	31(108)	29	29	73	73	9	79	32	85(251)
124.7	3.7	73	73	29	29	92	43	53	16(41)	88	14	79	22
		79	9	85	31(109)	29	29	73	73	9	78	32	85(250)

131.2 2.6 73 73 28 28 92 43 52 15(41) 88 13 79 22
79 7 85 31(109) 28 28 73 73 7 78 31 85(250)

HA=222.4 HI= 55.8 GGW= 68.6 SL= 0.0 MAX(A,B,C,D)= 8.6 7.3 7.9 7.9

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

14.10.2003, 15:37:22

Eingabedatei: ilam.dat

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

Tabellendat.: /berechnung/tabellen/ac/ac200-1/serie_3/pc_tab/22137312_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 = 55.8 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				
9.8 33.1	44	44	66	66	32	66	47	73(59)	35	75	39	69
	47	78	35	59(128)	67	67	43	43	78	47	59	35(232)
11.5 32.6	45	45	65	65	35	65	48	71(59)	37	73	41	68
	48	76	37	58(128)	66	66	44	44	76	48	58	37(232)
13.1 32.2	46	46	63	63	37	64	49	69(59)	39	71	42	66
	49	73	39	58(128)	65	65	45	45	73	49	58	39(232)
14.8 31.5	47	47	62	62	39	63	49	67(59)	41	69	43	64
	49	71	41	57(128)	63	63	46	46	71	49	57	41(232)
16.4 30.9	48	48	61	61	41	61	50	65(59)	43	67	45	63
	50	69	42	57(128)	62	62	47	47	69	50	57	42(232)
19.7 29.8	50	50	58	58	45	59	51	62(59)	46	63	47	60
	51	64	46	56(128)	59	59	49	49	64	51	56	46(232)
23.0 28.2	51	51	56	56	48	57	52	58(59)	49	59	49	57
	52	60	49	54(128)	57	57	50	50	60	52	54	49(232)
26.2 26.9	52	52	54	54	51	55	52	55(59)	52	56	51	54
	53	56	51	53(127)	55	55	52	52	56	53	53	51(232)
29.5 25.4	54	54	52	52	54	53	53	52(59)	54	53	53	52
	54	52	53	52(127)	53	53	53	53	52	54	52	53(232)
32.8 24.0	55	55	50	50	56	51	53	49(59)	56	50	55	50
	54	49	55	52(128)	51	51	54	54	49	54	52	55(232)

39.4	21.8	57	57	47	47	61	48	54	45(59)	60	45	58	46
		56	43	59	50(128)	48	48	56	56	43	56	50	59(232)
45.9	19.8	59	59	44	44	59	58	45	44(2)	63	40	60	42
		63	40	60	42(90)	45	45	58	58	40	63	42	60(270)
52.5	18.1	60	60	42	42	65	55	46	39(19)	67	36	63	39
		66	35	63	40(92)	42	42	60	60	35	66	40	63(267)
59.1	16.8	62	62	39	39	70	52	48	34(28)	70	32	65	36
		68	30	67	38(99)	39	39	62	62	30	68	38	67(260)
65.6	15.4	64	64	37	37	74	49	49	30(33)	73	28	67	33
		69	25	70	37(104)	37	37	64	64	25	69	37	70(255)
72.2	14.3	65	65	35	35	77	47	49	26(36)	76	24	70	31
		70	21	73	36(107)	35	35	65	65	21	70	36	73(252)
78.7	13.7	67	67	33	33	82	45	50	22(39)	79	21	72	28
		72	17	77	35(109)	32	32	67	67	16	71	35	77(250)

HA= 40.7 HI= 55.8 GGW= 55.8 SL= 0.0 MAX(A,B,C,D)= 7.6 7.3 7.1 7.1

Main boom and fixed jib (jib angle 0.0 degrees)

Length of main boom = 54.5 ft Length of jib = 55.8 ft

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

Counterweight = 55.8 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.			
		1(0)		2(...)		3(90)		6(...)					
		4(...)		5(180)		6(...)							
		A	B	C	D	A	B	C	D	A	B	C	D
13.1	30.9	45	45	63	63	36	64	48	69(59)	38	71	41	66
		48	74	38	58(128)	65	65	44	44	74	48	58	38(232)
14.8	30.4	46	46	62	62	38	63	49	67(59)	40	69	43	65
		49	71	40	57(128)	63	63	45	45	71	49	57	40(232)
16.4	30.0	47	47	61	61	40	62	49	66(59)	42	67	44	63
		49	69	42	57(128)	62	62	46	46	69	49	57	42(232)
19.7	29.1	49	49	59	59	44	59	50	62(59)	45	63	47	60
		51	64	45	56(128)	60	60	48	48	64	51	56	45(232)
23.0	28.2	51	51	56	56	48	57	51	58(59)	49	59	49	57
		52	60	48	54(128)	57	57	50	50	60	52	54	48(232)
26.2	27.1	52	52	54	54	51	55	52	55(59)	52	56	51	55
		53	56	51	54(127)	55	55	52	52	56	53	54	51(232)
29.5	26.0	54	54	52	52	54	53	53	52(59)	54	53	53	52
		54	52	54	52(127)	53	53	53	53	52	54	53	54(232)
32.8	24.9	55	55	50	50	57	51	54	49(59)	57	50	55	50
		55	49	56	52(128)	51	51	55	55	49	55	52	56(232)
39.4	22.5	57	57	47	47	62	48	55	44(59)	60	44	58	46
		56	43	60	50(128)	48	48	57	57	43	56	50	60(232)
45.9	20.9	60	60	44	44	62	58	46	43(9)	65	39	62	42
		65	39	62	42(90)	44	44	59	59	39	65	42	62(270)
52.5	19.2	62	62	41	41	67	54	47	37(22)	68	35	64	39
		67	34	65	39(95)	42	42	61	61	34	67	40	65(264)
59.1	17.6	63	63	39	39	71	52	48	33(29)	71	31	66	35
		69	29	68	38(101)	39	39	63	63	29	68	38	69(258)
65.6	16.5	65	65	36	36	76	49	49	29(34)	75	27	69	32
		70	24	72	37(105)	37	37	65	65	24	70	37	72(254)
72.2	15.4	67	67	34	34	80	47	50	25(37)	78	23	71	30
		71	19	75	36(108)	34	34	67	67	19	71	36	75(251)

78.7 14.6 68 68 32 32 84 45 51 21(40) 81 20 74 27
 73 15 78 35(110) 32 32 69 69 15 72 35 78(249)
 85.3 13.7 70 70 30 30 87 44 51 19(39) 84 16 76 24
 74 11 81 34(112) 30 30 70 70 11 73 34 82(247)
 91.9 12.8 71 71 28 28 90 43 51 16(40) 86 13 78 22
 77 9 83 30(108) 28 28 71 71 8 77 31 83(251)

 HA= 54.5 HI= 55.8 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 = 68.6 ft Length of jib = 55.8 ft
 Main boom sequence = 0-0-0-0-0-90 % LK = 13
 Counterweight = 55.8 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.			
		1(0)		2(...)		3(90)		6(...)					
		4(...)		5(180)		6(...)							
		A	B	C	D	A	B	C	D	A	B	C	D
16.4	28.2	46	46	61	61	38	62	49	66(59)	41	68	43	63
		48	70	40	56(128)	62	62	45	45	70	48	56	40(232)
19.7	27.6	48	48	59	59	42	59	50	63(59)	44	64	46	61
		50	65	44	55(128)	60	60	47	47	65	50	55	44(232)
23.0	26.9	50	50	57	57	46	57	51	59(59)	47	60	48	58
		51	61	47	54(128)	58	58	49	49	61	51	54	47(232)
26.2	26.2	52	52	55	55	50	55	52	56(59)	50	56	50	55
		52	57	50	54(128)	55	55	51	51	57	52	54	50(232)
29.5	25.6	53	53	52	52	54	53	53	52(59)	54	53	53	52
		53	53	53	53(127)	53	53	53	53	53	53	53	53(232)
32.8	24.5	55	55	51	51	56	51	53	50(59)	56	50	55	50
		54	50	55	52(128)	51	51	54	54	50	54	52	55(232)
39.4	22.7	57	57	47	47	62	48	55	44(59)	61	45	58	46
		56	43	60	50(128)	48	48	57	57	43	56	50	60(232)
45.9	20.9	60	60	44	44	61	58	45	43(7)	65	39	61	42
		65	39	61	42(90)	45	45	59	59	39	65	42	61(270)
52.5	19.2	61	61	42	42	66	55	47	38(21)	68	35	64	39
		67	35	64	40(94)	42	42	61	61	34	67	40	65(265)
59.1	17.2	62	62	40	40	70	52	47	34(27)	70	32	65	36
		68	30	67	38(99)	40	40	62	62	30	68	39	67(260)
65.6	15.2	63	63	38	38	72	51	48	32(30)	71	30	66	35
		68	27	69	37(102)	38	38	63	63	27	68	38	69(257)
72.2	13.9	64	64	36	36	75	49	49	29(34)	73	27	68	32
		69	24	71	37(105)	36	36	64	64	24	69	37	71(254)
78.7	12.8	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)
85.3	11.9	66	66	33	33	80	45	50	23(38)	78	21	71	28
		71	17	76	35(109)	32	32	67	67	17	70	35	76(250)
91.9	10.8	67	67	32	32	82	43	50	21(40)	79	19	73	26
		71	15	77	34(110)	31	31	67	67	15	71	34	77(249)
98.4	10.1	68	68	30	30	85	43	50	19(39)	82	16	74	24
		73	11	80	33(111)	30	30	69	69	11	72	34	80(248)
105.0	9.5	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)
111.5	8.8	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	83(251)

 HA= 68.6 HI= 55.8 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 = 70.2 ft Length of jib = 55.8 ft
 Main boom sequence = 0-0-0-0-100 % LK = 14
 Counterweight = 55.8 kip

Radius Cap. [ft]	Cap. [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
16.4	28.0	46	46	61	61	38	62	49	66(59)	40	68	43	64	
		48	70	40	56(128)	62	62	45	45	70	48	56	40(232)	
19.7	27.3	48	48	59	59	42	59	50	63(59)	44	64	45	61	
		50	65	43	55(128)	60	60	47	47	65	50	55	43(232)	
23.0	26.7	50	50	57	57	46	57	51	59(59)	47	60	48	58	
		51	61	47	54(128)	58	58	49	49	61	51	54	47(232)	
26.2	26.0	52	52	55	55	50	55	52	56(59)	50	57	50	55	
		52	57	50	54(128)	55	55	51	51	57	52	54	50(232)	
29.5	25.4	53	53	53	53	53	53	53	53(59)	53	53	53	53	
		53	53	53	53(127)	53	53	53	53	53	53	53	53(232)	
32.8	24.0	54	54	51	51	56	52	53	50(59)	55	50	54	50	
		54	50	55	52(128)	51	51	54	54	50	54	52	55(232)	
39.4	21.4	56	56	48	48	60	49	54	46(59)	59	46	57	47	
		55	45	58	50(128)	48	48	56	56	45	55	50	58(232)	
45.9	18.5	57	57	46	46	62	46	54	42(59)	60	42	58	44	
		60	42	58	44(90)	46	46	57	57	42	60	44	58(270)	
52.5	17.0	58	58	43	43	60	57	45	42(8)	64	38	61	41	
		64	38	61	41(90)	43	43	58	58	38	64	41	61(270)	
59.1	15.2	60	60	41	41	64	54	46	38(19)	66	35	62	39	
		66	35	62	39(91)	41	41	60	60	35	65	39	62(268)	
65.6	13.4	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	12.1	61	61	38	38	69	50	47	33(28)	69	30	65	35	
		67	28	66	37(100)	38	38	61	61	28	66	37	67(259)	
78.7	11.2	62	62	36	36	72	49	47	30(32)	71	27	66	33	
		68	25	69	36(103)	36	36	63	63	24	67	36	69(256)	
85.3	10.4	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)	
91.9	9.5	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)	
98.4	8.8	65	65	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)	
105.0	8.2	67	67	31	31	82	43	50	20(40)	79	18	72	26	
		71	13	77	33(110)	30	30	67	67	13	70	34	77(249)	
111.5	7.7	68	68	29	29	84	43	49	18(39)	81	15	74	24	
		71	10	79	33(112)	29	29	68	68	10	71	33	80(247)	

 HA= 70.2 HI= 55.8 GGW= 55.8 SL= 0.0 MAX(A,B,C,D)= 7.8 6.6 7.4 7.4

Main boom and fixed jib (jib angle 0.0 degrees)
 Length of main boom = 82.3 ft Length of jib = 55.8 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)		6(...)						
	4(...)				5(180)								
	A	B	C	D	A	B	C	D	A	B	C	D	
19.7	26.7	48	48	59	59	42	59	49	63(59)	43	64	45	61
		49	65	43	55(128)	60	60	47	47	65	49	55	43(232)
23.0	26.0	49	49	57	57	46	57	50	59(59)	47	60	48	58
		51	61	46	54(128)	58	58	49	49	61	51	54	46(232)
26.2	25.4	51	51	55	55	49	55	51	56(59)	50	57	50	55
		52	57	49	54(128)	55	55	50	50	57	52	54	49(232)
29.5	24.9	53	53	53	53	53	53	52	53(59)	53	53	52	53
		53	53	52	53(127)	53	53	52	52	53	53	53	52(232)
32.8	24.3	55	55	51	51	56	51	53	50(59)	56	50	55	50
		54	50	55	52(128)	51	51	54	54	50	54	52	55(232)
39.4	22.9	58	58	47	47	63	48	55	44(59)	61	44	59	45
		56	43	61	50(128)	47	47	57	57	43	56	50	61(232)
45.9	21.4	60	60	44	44	63	57	46	42(12)	66	39	62	41
		66	39	62	41(90)	44	44	60	60	39	66	41	62(270)
52.5	19.8	62	62	41	41	69	54	48	36(25)	69	34	65	38
		68	33	66	39(97)	41	41	62	62	33	68	39	66(262)
59.1	18.3	64	64	38	38	73	51	49	32(31)	73	30	67	35
		69	28	70	38(103)	39	39	64	64	27	69	38	70(256)
65.6	16.8	65	65	36	36	77	49	50	28(35)	75	26	69	32
		70	23	73	37(106)	36	36	65	65	23	70	37	73(253)
72.2	15.2	66	66	34	34	79	47	50	25(37)	77	23	71	30
		71	20	75	36(108)	34	34	67	67	20	71	36	75(251)
78.7	13.9	67	67	33	33	82	45	51	23(39)	79	21	73	28
		72	17	77	35(109)	33	33	67	67	17	71	35	77(250)
85.3	13.0	69	69	31	31	85	43	52	19(41)	82	18	75	26
		73	13	80	34(111)	31	31	69	69	13	72	34	80(248)
91.9	12.1	70	70	29	29	88	43	51	17(40)	84	15	76	23
		74	9	82	33(112)	29	29	70	70	9	73	34	82(247)
98.4	11.2	71	71	28	28	90	42	51	15(41)	86	12	78	21
		77	7	83	30(109)	27	27	71	71	7	76	31	84(250)
105.0	9.9	71	71	27	27	90	41	51	14(41)	86	11	78	21
		77	6	83	30(109)	27	27	71	71	6	76	30	84(250)
111.5	8.8	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)
118.1	7.7	71	71	26	26	90	40	51	13(41)	86	10	78	20
		77	5	84	29(109)	26	26	71	71	5	76	29	84(250)
124.7	7.1	71	71	25	25	91	40	51	11(41)	87	9	79	19
		78	3	85	28(109)	25	25	72	72	3	77	28	85(250)

HA= 82.3 HI= 55.8 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 = 84.0 ft Length of jib = 55.8 ft

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

Counterweight = 55.8 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.
	1(0)		2(...)		3(90)		6(...)		

	4(...)				5(180)				6(...)				
	A	B	C	D	A	B	C	D	A	B	C	D	
19.7	26.2	47	47	59	59	41	59	49	63(59)	43	64	45	61
		49	66	43	55(128)	60	60	47	47	66	49	55	43(232)
23.0	25.8	49	49	57	57	45	57	50	60(59)	47	60	47	58
		50	62	46	54(128)	58	58	49	49	62	50	54	46(232)
26.2	25.1	51	51	55	55	49	55	51	56(59)	50	57	50	55
		52	58	49	54(128)	55	55	50	50	58	52	54	49(232)
29.5	24.7	53	53	53	53	53	53	52	53(59)	53	53	52	53
		53	54	52	53(127)	53	53	52	52	54	53	53	52(232)
32.8	24.0	54	54	51	51	56	51	53	50(59)	56	50	54	50
		54	50	55	52(128)	51	51	54	54	50	54	52	55(232)
39.4	22.0	57	57	47	47	61	48	55	45(59)	60	45	58	46
		56	44	59	50(128)	48	48	56	56	44	56	50	59(232)
45.9	20.1	59	59	45	45	59	58	45	44(1)	63	40	60	43
		63	40	60	43(90)	45	45	58	58	40	63	43	60(270)
52.5	17.9	60	60	42	42	63	56	46	40(16)	66	37	62	40
		66	37	62	40(90)	42	42	60	60	37	66	40	62(270)
59.1	16.3	61	61	40	40	68	53	47	35(25)	69	33	64	37
		67	32	65	39(97)	40	40	61	61	32	67	39	66(262)
65.6	15.0	63	63	38	38	72	50	48	32(31)	71	29	66	34
		68	27	69	37(102)	38	38	63	63	27	68	38	69(257)
72.2	13.4	63	63	36	36	74	49	48	29(33)	73	27	68	33
		69	24	70	36(104)	36	36	64	64	24	69	37	71(255)
78.7	12.1	64	64	35	35	76	47	49	27(35)	75	24	69	31
		69	21	72	35(106)	35	35	65	65	21	69	36	72(253)
85.3	11.5	66	66	33	33	80	45	50	23(38)	77	21	71	28
		70	17	75	35(109)	33	33	66	66	17	70	35	75(250)
91.9	10.6	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)
98.4	9.7	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	9.0	69	69	29	29	86	43	50	17(39)	83	14	75	23
		75	10	80	30(107)	28	28	69	69	9	75	30	80(252)
111.5	8.6	71	71	27	27	90	41	51	14(41)	86	11	77	21
		76	6	83	30(109)	26	26	71	71	6	76	30	83(250)
118.1	7.9	71	71	26	26	91	40	51	12(41)	87	9	78	19
		77	4	84	28(109)	25	25	72	72	4	77	29	84(250)
124.7	7.1	71	71	25	25	91	40	51	11(41)	87	9	78	19
		77	3	84	28(109)	25	25	72	72	3	77	28	85(250)

HA= 84.0 HI= 55.8 GGW= 55.8 SL= 0.0 MAX(A,B,C,D)= 8.5 7.1 7.8 7.9

Main boom and fixed jib (jib angle 0.0 degrees)
Length of main boom = 96.5 ft Length of jib = 55.8 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(...)						
	A	B	C	D	A	B	C	D	A	B	C	D	
23.0	24.5	49	49	57	57	44	57	50	60(59)	45	61	47	58
		50	62	45	54(128)	58	58	48	48	62	50	54	45(232)

26.2	24.0	50	50	55	55	48	55	51	56(59)	49	57	49	56
		51	58	48	53(128)	56	56	50	50	58	51	53	48(232)
29.5	23.6	52	52	53	53	52	53	52	53(59)	52	54	52	53
		52	54	51	52(127)	53	53	52	52	54	52	52	51(232)
32.8	23.1	54	54	51	51	55	52	53	50(59)	55	50	54	50
		54	50	54	52(128)	51	51	54	54	50	54	52	54(232)
39.4	22.3	57	57	47	47	62	48	55	44(59)	61	44	58	46
		56	43	60	50(128)	48	48	57	57	43	56	50	60(232)
45.9	20.9	60	60	44	44	62	57	46	42(11)	65	39	62	41
		65	39	62	41(90)	44	44	60	60	39	65	41	62(270)
52.5	19.8	63	63	41	41	69	54	48	35(26)	70	34	65	37
		68	32	67	39(98)	41	41	62	62	32	68	39	67(261)
59.1	18.7	65	65	38	38	75	50	49	30(33)	74	29	69	34
		70	26	71	38(104)	38	38	65	65	26	70	38	71(255)
65.6	17.4	67	67	35	35	79	48	50	26(37)	77	25	71	31
		72	21	75	36(107)	35	35	67	67	21	71	37	75(252)
72.2	16.3	69	69	33	33	83	46	51	22(39)	81	21	73	28
		73	17	78	35(110)	33	33	69	69	16	72	36	78(249)
78.7	15.0	70	70	31	31	86	44	52	20(41)	83	18	75	26
		74	13	80	34(111)	31	31	70	70	13	73	35	81(248)
85.3	13.9	71	71	29	29	89	43	51	17(40)	85	15	77	23
		74	9	83	34(113)	29	29	71	71	9	74	34	83(246)
91.9	12.6	71	71	28	28	90	43	51	15(40)	86	13	78	22
		78	8	83	30(108)	28	28	72	72	8	77	31	83(251)
98.4	11.0	71	71	28	28	90	41	51	14(41)	86	12	78	21
		77	7	83	30(109)	27	27	72	72	7	77	31	84(250)
105.0	9.7	71	71	27	27	90	41	51	14(41)	86	11	78	21
		77	6	84	30(109)	26	26	72	72	6	76	30	84(250)
111.5	8.6	71	71	26	26	91	41	51	13(41)	87	10	78	20
		77	5	84	29(109)	26	26	72	72	5	77	30	84(250)
118.1	7.5	71	71	26	26	90	40	51	12(41)	86	10	78	20
		77	5	84	29(109)	25	25	72	72	4	76	29	84(250)
124.7	6.6	71	71	26	26	91	40	50	12(41)	87	9	78	19
		77	4	84	28(109)	25	25	72	72	4	77	29	84(250)
131.2	6.0	71	71	25	25	92	39	51	10(42)	88	8	79	18
		77	2	85	28(110)	24	24	72	72	2	77	29	85(249)
137.8	5.3	72	72	24	24	93	38	51	10(42)	88	7	79	17
		77	1	86	28(110)	23	23	72	72	1	77	28	86(249)

 HA= 96.5 HI= 55.8 GGW= 55.8 SL= 0.0 MAX(A,B,C,D)= 8.6 7.2 7.9 8.0

Main boom and fixed jib (jib angle 0.0 degrees)

Length of main boom = 100.4 ft Length of jib = 55.8 ft

Main boom sequence = 0-0-0-0-100-100 % LK = 29

Counterweight = 55.8 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
	1(0)		2(...)		3(90)		6(...)						
	4(...)		5(180)		6(...)								
	A	B	C	D	A	B	C	D	A	B	C	D	
23.0	23.8	48	48	57	57	43	57	50	60(59)	45	61	46	58
		49	62	45	54(128)	58	58	48	48	62	49	54	45(232)
26.2	23.4	50	50	55	55	47	55	50	57(59)	48	58	49	56
		51	58	48	53(128)	56	56	49	49	58	51	53	48(232)

29.5	23.1	52	52	53	53	51	53	52	54(59)	51	54	51	53
		52	54	51	52(127)	54	54	51	51	54	52	52	51(232)
32.8	22.7	54	54	51	51	54	52	53	50(59)	54	51	53	51
		53	50	54	52(127)	52	52	53	53	50	53	52	54(232)
39.4	21.6	57	57	47	47	61	48	54	45(59)	60	45	58	46
		55	44	59	50(128)	48	48	56	56	44	55	50	59(232)
45.9	20.3	59	59	44	44	60	58	45	43(6)	64	39	61	42
		64	39	61	42(90)	45	45	59	59	39	64	42	61(270)
52.5	18.5	61	61	42	42	66	54	47	38(21)	67	35	63	39
		67	35	64	39(93)	42	42	61	61	35	67	39	64(266)
59.1	17.0	63	63	39	39	70	52	48	34(28)	71	31	66	36
		68	30	68	38(100)	39	39	63	63	30	68	38	68(259)
65.6	15.7	64	64	37	37	74	49	49	30(33)	73	28	68	33
		69	25	71	37(104)	37	37	64	64	25	69	37	71(255)
72.2	14.6	66	66	35	35	78	47	49	26(36)	76	24	70	30
		71	21	74	36(107)	35	35	66	66	21	70	36	74(252)
78.7	13.2	67	67	33	33	80	46	50	24(38)	78	22	72	28
		71	18	76	35(109)	33	33	67	67	17	71	35	76(250)
85.3	12.1	68	68	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	11.0	69	69	30	30	84	45	50	19(38)	82	17	74	25
		73	12	80	34(111)	30	30	69	69	12	72	34	80(248)
98.4	10.4	70	70	28	28	88	43	51	16(40)	84	14	76	23
		76	9	81	30(108)	28	28	70	70	9	75	31	82(251)
105.0	9.7	71	71	27	27	90	41	51	14(41)	86	11	78	21
		77	6	84	30(109)	26	26	72	72	6	77	30	84(250)
111.5	8.6	71	71	26	26	91	41	51	13(41)	87	10	78	20
		77	5	84	29(109)	26	26	72	72	5	77	30	84(250)
118.1	7.5	71	71	26	26	91	40	51	12(41)	86	10	78	20
		77	4	84	29(109)	25	25	72	72	4	76	29	84(250)
124.7	6.6	71	71	25	25	91	40	50	12(41)	87	9	78	19
		77	4	84	28(109)	25	25	72	72	4	77	29	84(250)
131.2	6.0	71	71	25	25	92	39	51	10(42)	88	8	79	18
		77	2	85	28(110)	24	24	72	72	2	77	28	85(249)
137.8	5.3	72	72	24	24	93	38	51	9(42)	88	7	79	17
		77	1	86	27(110)	23	23	73	73	1	77	28	86(249)

HA=100.4 HI= 55.8 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 0.0 degrees)

Length of main boom = 110.2 ft Length of jib = 55.8 ft

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

Counterweight = 55.8 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
	1(0)		2(...)		3(90)		6(...)						
	A	B	C	D	A	B	C	D					
26.2	23.1	50	50	55	55	48	55	51	56(59)	48	57	49	56
		51	58	48	53(128)	55	55	50	50	58	51	53	48(232)
29.5	22.9	52	52	53	53	51	53	52	53(59)	52	54	51	53
		52	54	51	52(127)	53	53	52	52	54	52	52	51(232)
32.8	22.5	54	54	51	51	55	51	53	50(59)	55	50	54	50
		53	50	54	52(128)	51	51	53	53	50	53	52	54(232)

39.4	21.6	57	57	47	47	62	48	55	44(59)	60	44	58	46
		56	43	60	50(128)	47	47	57	57	43	56	50	60(232)
45.9	20.7	60	60	43	43	63	57	46	41(14)	66	38	62	41
		66	38	62	41(90)	44	44	60	60	38	66	41	62(270)
52.5	19.6	63	63	40	40	70	53	48	35(27)	71	33	66	37
		69	31	67	39(99)	40	40	63	63	31	68	39	68(260)
59.1	18.7	66	66	37	37	77	50	50	29(34)	75	28	69	33
		71	25	73	37(105)	37	37	65	65	24	71	38	73(254)
65.6	17.9	68	68	34	34	82	47	51	24(38)	80	23	73	29
		73	19	77	36(109)	34	34	68	68	19	72	36	77(250)
72.2	16.8	70	70	32	32	87	44	52	20(41)	83	19	75	26
		74	14	81	35(111)	32	32	70	70	14	74	35	81(248)
78.7	15.9	72	72	29	29	90	44	52	16(40)	87	14	78	23
		78	9	84	31(108)	29	29	72	72	9	78	32	84(251)
85.3	13.9	72	72	28	28	90	43	51	15(40)	87	13	78	22
		78	8	84	30(108)	28	28	72	72	8	78	31	84(251)
91.9	12.1	72	72	28	28	91	42	52	15(41)	87	12	78	21
		78	7	84	30(109)	27	27	72	72	7	77	31	84(250)
98.4	10.6	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)
105.0	9.3	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)
111.5	8.2	71	71	26	26	91	40	51	12(41)	87	9	78	19
		78	4	84	28(109)	25	25	72	72	4	77	29	85(250)
118.1	7.1	71	71	25	25	91	40	51	12(41)	87	9	78	19
		77	4	84	28(109)	25	25	72	72	4	77	29	85(250)
124.7	6.2	71	71	25	25	92	39	51	11(42)	88	8	79	18
		77	2	85	28(110)	24	24	72	72	2	76	29	85(249)
131.2	5.5	72	72	24	24	93	38	51	9(42)	88	7	79	17
		78	1	86	28(110)	23	23	73	73	1	77	28	86(249)
137.8	4.6	71	71	24	24	93	38	51	9(42)	88	7	79	17
		77	1	86	27(110)	23	23	72	72	1	77	28	86(249)
144.4	4.0	72	72	24	24	93	38	51	9(42)	88	6	79	17
		77	0	86	27(110)	23	23	73	73	0	77	28	86(249)
150.9	3.3	71	71	23	23	93	37	51	9(42)	88	6	79	16
		77	0	86	26(110)	22	22	72	72	0	76	27	86(249)

 HA=110.2 HI= 55.8 GGW= 55.8 SL= 0.0 MAX(A,B,C,D)= 8.6 7.2 8.0 8.0

Main boom and fixed jib (jib angle 0.0 degrees)
 Length of main boom = 114.5 ft Length of jib = 55.8 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					
26.2	22.5	50	50	55	55	47	55	50	57(59)	48	57	48	56
		50	58	47	53(128)	55	55	49	49	58	50	53	47(232)
29.5	22.3	52	52	53	53	51	53	51	54(59)	51	54	51	53
		52	54	50	52(127)	53	53	51	51	54	52	52	50(232)
32.8	21.8	53	53	51	51	54	51	52	50(59)	54	51	53	51
		53	50	53	52(127)	51	51	53	53	50	53	52	53(232)

39.4	20.9	56	56	47	47	61	48	54	45(59)	60	45	57	46
		55	43	59	50(128)	48	48	56	56	43	55	50	59(232)
45.9	20.3	60	60	44	44	62	57	46	42(11)	65	39	62	41
		65	39	62	41(90)	44	44	60	60	39	65	41	62(270)
52.5	19.0	62	62	41	41	69	54	47	36(25)	69	34	65	38
		68	32	66	39(97)	41	41	62	62	32	68	39	66(262)
59.1	17.6	64	64	38	38	74	50	49	31(32)	73	29	68	34
		70	27	70	38(103)	38	38	64	64	27	69	38	70(256)
65.6	16.3	66	66	35	35	78	48	50	27(36)	76	25	70	31
		71	22	74	37(107)	35	35	66	66	22	70	37	74(252)
72.2	15.2	68	68	33	33	82	46	51	23(39)	79	21	73	28
		72	17	77	35(109)	33	33	68	68	17	72	36	77(250)
78.7	14.1	69	69	31	31	85	43	52	20(41)	82	18	75	26
		73	13	80	34(111)	31	31	69	69	13	73	35	80(248)
85.3	13.0	70	70	30	30	88	44	50	17(39)	84	15	76	24
		74	10	82	33(112)	29	29	71	71	10	74	34	82(247)
91.9	12.1	72	72	28	28	91	42	52	15(41)	87	12	78	21
		78	7	84	30(109)	27	27	72	72	7	77	31	84(250)
98.4	10.6	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)
105.0	9.3	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)
111.5	8.2	71	71	26	26	91	40	51	12(41)	87	9	78	19
		78	4	84	28(109)	25	25	72	72	4	77	29	85(250)
118.1	7.1	71	71	25	25	91	40	51	12(41)	87	9	78	19
		77	4	84	28(109)	25	25	72	72	4	77	29	85(250)
124.7	6.2	71	71	25	25	92	39	51	11(42)	88	8	79	18
		77	2	85	28(110)	24	24	72	72	2	76	29	85(249)
131.2	5.5	72	72	24	24	93	38	51	9(42)	88	7	79	17
		78	1	86	27(110)	23	23	73	73	1	77	28	86(249)
137.8	4.6	72	72	24	24	93	38	51	9(42)	88	7	79	17
		77	1	86	27(110)	23	23	72	72	1	77	28	86(249)
144.4	4.0	72	72	24	24	93	38	51	9(42)	88	6	79	17
		77	0	86	27(110)	23	23	73	73	0	77	27	86(249)
150.9	3.3	72	72	23	23	93	37	51	8(42)	88	6	79	16
		77	0	86	26(110)	22	22	73	73	0	76	27	87(249)

 HA=114.5 HI= 55.8 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 0.0 degrees)
 Length of main boom = 124.3 ft Length of jib = 55.8 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	
29.5	21.6	51	51	53	53	50	53	51	53(59)	51	54	51	53
		52	54	50	52(127)	53	53	51	51	54	52	52	50(232)
32.8	21.4	53	53	51	51	54	51	52	50(59)	54	50	53	50
		53	50	54	51(127)	51	51	53	53	50	53	51	54(232)
39.4	20.7	57	57	47	47	61	48	54	44(59)	60	44	58	46
		55	43	59	50(128)	47	47	56	56	43	55	50	59(232)

45.9	19.8	60	60	43	43	62	57	46	41(12)	65	38	62	41
		65	38	62	41(90)	44	44	60	60	38	65	41	62(270)
52.5	19.2	63	63	40	40	71	53	48	34(28)	71	32	66	37
		69	31	68	39(99)	40	40	63	63	31	69	39	68(260)
59.1	18.3	66	66	37	37	77	49	50	29(35)	76	27	70	33
		71	24	73	37(106)	37	37	65	65	24	70	38	73(253)
65.6	17.6	69	69	34	34	83	46	52	23(39)	80	22	73	29
		73	18	78	35(109)	34	34	68	68	18	73	36	78(250)
72.2	16.8	71	71	31	31	88	45	51	19(39)	84	17	77	25
		75	12	82	35(112)	31	31	71	71	12	74	35	82(247)
78.7	15.4	72	72	29	29	91	44	52	16(40)	87	14	78	23
		78	9	84	31(108)	29	29	72	72	9	78	31	84(251)
85.3	13.4	72	72	28	28	91	42	52	15(41)	87	13	78	22
		78	7	84	30(109)	28	28	72	72	7	77	31	84(250)
91.9	11.7	72	72	27	27	91	42	52	14(41)	87	12	78	21
		78	7	84	30(109)	27	27	72	72	6	77	30	84(250)
98.4	10.1	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)
105.0	8.8	71	71	26	26	91	41	51	13(41)	87	10	78	20
		78	5	84	29(109)	26	26	72	72	5	77	29	84(250)
111.5	7.7	72	72	26	26	92	40	51	12(41)	88	9	79	19
		78	4	85	28(109)	25	25	72	72	3	77	29	85(250)
118.1	6.6	71	71	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)
124.7	5.7	72	72	24	24	92	39	51	10(42)	88	7	79	18
		77	2	85	28(110)	24	24	72	72	2	77	28	86(249)
131.2	4.9	71	71	24	24	92	38	51	10(42)	88	7	79	17
		77	1	85	28(110)	23	23	72	72	1	77	28	86(249)
137.8	4.2	72	72	24	24	93	38	51	9(42)	88	6	80	17
		78	0	86	27(110)	23	23	73	73	0	77	27	86(249)
144.4	3.3	71	71	24	24	92	38	51	9(42)	88	6	79	17
		77	0	85	27(110)	23	23	72	72	0	77	28	86(249)
150.9	2.6	71	71	23	23	92	37	50	9(42)	88	6	79	17
		77	0	86	27(110)	22	22	72	72	0	76	27	86(249)

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

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

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
	1(0)		2(...)		3(90)		6(...)						
	A	B	C	D	A	B	C	D					
32.8	20.3	52	52	51	51	53	52	52	51(59)	53	51	52	51
		52	51	52	51(127)	51	51	52	52	51	52	51	52(232)
39.4	19.8	56	56	47	47	60	48	54	45(59)	59	45	57	46
		55	44	58	50(128)	48	48	56	56	44	55	50	58(232)
45.9	19.2	59	59	44	44	61	57	45	43(8)	64	39	61	42
		64	39	61	42(90)	44	44	59	59	39	64	42	61(270)
52.5	18.5	62	62	40	40	69	53	48	35(26)	70	33	65	37
		68	32	67	39(98)	41	41	62	62	32	68	39	67(261)

59.1	17.4	65	65	37	37	75	50	49	30(33)	74	28	68	34
		70	26	71	37(104)	37	37	65	65	26	69	38	71(255)
65.6	16.5	67	67	35	35	80	47	50	25(37)	78	24	71	30
		72	20	76	36(108)	35	35	67	67	20	71	36	76(251)
72.2	15.4	69	69	32	32	84	45	52	21(40)	81	20	74	27
		73	15	79	35(110)	32	32	69	69	15	73	35	79(249)
78.7	14.6	71	71	30	30	88	45	51	18(39)	85	16	77	24
		75	11	82	34(112)	30	30	71	71	10	74	34	83(247)
85.3	13.2	72	72	28	28	90	43	51	15(40)	87	13	78	22
		78	8	84	30(108)	28	28	72	72	8	78	31	84(251)
91.9	11.5	71	71	28	28	91	42	52	14(41)	87	12	78	21
		77	7	84	30(109)	27	27	72	72	7	77	31	84(250)
98.4	9.9	71	71	27	27	90	41	51	14(41)	87	11	78	21
		77	6	84	30(109)	26	26	72	72	6	77	30	84(250)
105.0	8.6	71	71	26	26	91	41	51	13(41)	87	10	78	20
		77	5	84	29(109)	26	26	72	72	5	77	30	84(250)
111.5	7.5	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	84(250)
118.1	6.6	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)
124.7	5.7	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)
131.2	4.9	72	72	24	24	93	38	51	9(42)	88	7	79	17
		77	1	86	27(110)	23	23	73	73	1	77	28	86(249)
137.8	4.0	71	71	24	24	92	38	51	9(42)	88	6	79	17
		77	1	86	27(110)	23	23	72	72	0	77	28	86(249)
144.4	3.3	71	71	23	23	93	38	51	9(42)	88	6	79	17
		77	0	86	27(110)	22	22	72	72	0	77	27	86(249)
150.9	2.6	71	71	23	23	93	37	50	8(42)	88	5	79	16
		77	0	86	26(110)	22	22	72	72	0	76	26	87(249)

 HA=130.9 HI= 55.8 GGW= 55.8 SL= 0.0 MAX(A,B,C,D)= 8.6 7.2 8.0 8.1

Main boom and fixed jib (jib angle 0.0 degrees)

Length of main boom = 138.1 ft Length of jib = 55.8 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(...)					
		4(...)		5(180)		6(...)							
		A	B	C	D	A	B	C	D				
32.8	20.5	53	53	50	50	54	51	52	50(59)	54	50	53	50
		53	50	53	51(127)	51	51	53	53	50	53	51	53(232)
39.4	20.1	57	57	47	47	62	47	54	44(59)	60	43	58	45
		55	42	60	50(128)	47	47	56	56	42	55	50	60(232)
45.9	19.4	60	60	43	43	63	56	46	40(15)	66	37	62	41
		66	37	62	41(90)	43	43	60	60	37	66	41	62(270)
52.5	18.7	63	63	39	39	72	52	48	34(29)	71	31	67	36
		69	30	69	39(101)	39	39	63	63	29	69	39	69(258)
59.1	18.1	66	66	36	36	78	49	50	27(36)	77	26	71	32
		71	22	74	37(107)	36	36	66	66	22	71	37	74(252)
65.6	17.4	69	69	33	33	85	45	52	22(40)	82	20	74	28
		74	16	79	35(110)	33	33	69	69	16	73	36	79(249)

72.2	16.8	72	72	30	30	90	44	52	17(40)	86	15	78	24
		75	10	84	34(113)	30	30	72	72	10	75	35	84(246)
78.7	14.8	72	72	28	28	91	43	52	15(41)	87	13	79	22
		78	8	84	31(109)	28	28	73	73	8	78	31	84(250)
85.3	12.6	72	72	28	28	91	42	52	15(41)	87	13	78	22
		78	7	84	30(109)	28	28	72	72	7	77	31	84(250)
91.9	10.8	72	72	27	27	91	41	51	14(41)	87	11	78	21
		78	6	84	30(109)	27	27	72	72	6	77	30	84(250)
98.4	9.5	72	72	26	26	92	41	51	12(41)	88	10	79	20
		78	5	85	29(109)	26	26	72	72	4	77	29	85(250)
105.0	8.2	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)
111.5	7.1	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)
118.1	6.0	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)
124.7	5.1	72	72	24	24	93	38	51	9(42)	89	6	80	17
		78	1	86	27(110)	23	23	73	73	0	77	28	86(249)
131.2	4.0	71	71	24	24	92	38	51	9(42)	88	7	79	17
		77	1	85	27(110)	23	23	72	72	1	77	28	86(249)
137.8	3.3	72	72	23	23	93	38	51	9(42)	88	6	79	16
		77	0	86	26(110)	22	22	73	73	0	76	27	87(249)
144.4	2.4	71	71	23	23	92	37	50	9(42)	88	6	79	17
		77	0	85	27(110)	22	22	72	72	0	76	27	86(249)

 HA=138.1 HI= 55.8 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 = 145.0 ft Length of jib = 55.8 ft
 Main boom sequence = 0-0-45-100-100-100 % LK = 55
 Counterweight = 55.8 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
	1(0)		2(...)		3(90)		6(...)						
	A	B	C	D	A	B	C	D					
39.4	19.0	56	56	47	47	60	48	54	45(59)	59	45	57	46
		54	43	58	50(128)	47	47	56	56	43	54	50	58(232)
45.9	18.5	59	59	43	43	61	57	45	42(10)	65	38	61	41
		65	38	61	41(90)	44	44	59	59	38	65	41	61(270)
52.5	17.9	62	62	40	40	70	53	48	35(27)	70	32	65	37
		68	31	67	39(99)	40	40	62	62	31	68	39	67(260)
59.1	17.4	65	65	36	36	77	49	50	28(35)	75	27	70	32
		71	24	73	37(106)	37	37	65	65	24	70	37	73(253)
65.6	16.5	68	68	34	34	82	46	51	23(39)	80	22	73	29
		73	18	77	35(109)	34	34	68	68	18	72	36	77(250)
72.2	15.7	70	70	31	31	87	45	51	19(39)	84	17	76	25
		74	12	82	34(112)	31	31	70	70	12	73	35	82(247)
78.7	14.8	73	73	28	28	91	43	52	15(41)	88	13	79	22
		78	8	84	31(109)	28	28	73	73	8	78	31	85(250)
85.3	12.6	72	72	28	28	91	42	52	15(41)	87	12	78	21
		78	7	84	30(109)	28	28	72	72	7	77	31	84(250)
91.9	10.8	72	72	27	27	91	41	51	14(41)	87	11	78	21
		78	6	84	30(109)	27	27	72	72	6	77	30	84(250)

98.4	9.3	71	71	26	26	91	41	51	13(41)	87	10	78	20
		78	5	84	29(109)	26	26	72	72	5	77	30	84(250)
105.0	8.2	72	72	26	26	92	39	52	11(42)	88	9	79	19
		77	3	85	29(110)	25	25	73	73	3	77	29	86(249)
111.5	6.8	72	72	25	25	92	39	51	11(42)	88	9	79	19
		77	3	85	28(110)	24	24	72	72	3	77	29	85(249)
118.1	6.0	72	72	24	24	93	39	51	10(42)	88	7	79	18
		78	1	86	28(110)	24	24	73	73	1	77	28	86(249)
124.7	4.9	71	71	24	24	92	38	51	10(42)	88	7	79	17
		77	1	85	28(110)	23	23	72	72	1	77	28	86(249)
131.2	4.0	71	71	24	24	92	38	51	9(42)	88	6	79	17
		77	1	86	27(110)	23	23	72	72	0	77	28	86(249)
137.8	3.1	71	71	24	24	92	38	50	9(42)	88	6	79	17
		77	0	85	27(110)	23	23	72	72	0	76	28	86(249)
144.4	2.4	71	71	23	23	93	37	50	8(42)	88	6	79	16
		77	0	86	26(110)	22	22	72	72	0	76	27	86(249)

 HA=145.0 HI= 55.8 GGW= 55.8 SL= 0.0 MAX(A,B,C,D)= 8.6 7.2 8.0 8.0

Main boom and fixed jib (jib angle 0.0 degrees)

Length of main boom = 152.2 ft Length of jib = 55.8 ft

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

Counterweight = 55.8 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
	1(0)		2(...)		3(90)								
	4(...)	5(180)	6(...)										
A B C D	A B C D	A B C D	A B C D										
39.4	19.0	56	56	47	47	61	47	54	44(59)	60	43	58	45
		55	42	59	49(128)	47	47	56	56	42	55	49	59(232)
45.9	18.5	60	60	43	43	63	56	46	40(15)	66	37	62	40
		66	37	62	40(90)	43	43	60	60	37	66	40	62(270)
52.5	17.9	63	63	39	39	71	52	48	33(29)	71	31	66	36
		69	30	68	38(100)	39	39	63	63	29	69	38	68(259)
59.1	17.4	66	66	36	36	79	48	50	27(36)	77	25	71	31
		71	22	74	37(107)	36	36	66	66	22	71	37	75(252)
65.6	16.8	69	69	32	32	85	45	52	22(40)	82	20	75	27
		74	15	79	35(110)	32	32	69	69	15	73	35	80(249)
72.2	16.3	73	73	29	29	91	44	52	16(40)	87	14	78	23
		79	9	84	31(108)	29	29	72	72	9	78	32	84(251)
78.7	14.1	72	72	28	28	91	42	52	15(41)	88	13	79	22
		78	7	84	31(109)	28	28	73	73	7	78	31	85(250)
85.3	12.1	72	72	27	27	92	42	52	14(41)	88	11	79	21
		78	6	85	30(109)	27	27	73	73	6	78	30	85(250)
91.9	10.4	72	72	26	26	92	41	51	13(41)	88	10	79	20
		78	5	85	29(109)	26	26	73	73	5	78	30	85(250)
98.4	8.8	72	72	26	26	92	41	51	12(41)	88	9	79	19
		78	4	85	28(109)	25	25	73	73	4	77	29	85(250)
105.0	7.5	72	72	25	25	92	39	52	11(42)	88	9	79	19
		78	3	85	28(110)	25	25	73	73	3	77	29	86(249)
111.5	6.4	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)
118.1	5.3	72	72	24	24	93	38	51	9(42)	88	7	79	17
		78	1	86	27(110)	23	23	73	73	1	77	28	86(249)

124.7 4.2 71 71 24 24 93 38 51 9(42) 88 7 79 17
 77 1 86 27(110) 23 23 72 72 1 77 28 86(249)
 131.2 3.3 71 71 24 24 93 38 51 9(42) 88 6 79 17
 77 0 86 27(110) 23 23 72 72 0 77 27 86(249)
 137.8 2.4 71 71 23 23 92 37 50 9(42) 88 6 79 17
 77 0 86 27(110) 22 22 72 72 0 76 27 86(249)

 HA=152.2 HI= 55.8 GGW= 55.8 SL= 0.0 MAX(A,B,C,D)= 8.6 7.3 8.0 8.0

Main boom and fixed jib (jib angle 0.0 degrees)

Length of main boom = 161.4 ft Length of jib = 55.8 ft
 Main boom sequence = 0-0-100-100-100-100 % LK = 63
 Counterweight = 55.8 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.			
		1(0)		2(...)		3(90)		6(...)					
A	B	C	D	A	B	C	D	A	B	C	D		
45.9	17.4	59	59	43	43	61	57	45	42(9)	64	38	61	41
		64	38	61	41(90)	43	43	59	59	38	64	41	61(270)
52.5	17.0	62	62	40	40	69	52	47	34(27)	70	32	65	37
		68	31	67	39(99)	40	40	62	62	30	67	39	67(260)
59.1	16.5	65	65	36	36	77	49	50	28(35)	75	26	69	32
		70	23	73	37(106)	36	36	65	65	23	70	37	73(253)
65.6	16.1	69	69	33	33	84	46	51	22(39)	81	21	74	28
		73	17	78	35(110)	33	33	69	69	16	72	36	78(249)
72.2	15.2	71	71	30	30	88	45	51	18(39)	85	16	77	24
		75	11	82	34(112)	30	30	71	71	11	74	34	83(247)
78.7	13.9	72	72	28	28	91	42	52	15(41)	87	13	79	22
		78	7	84	31(109)	28	28	72	72	7	78	31	84(250)
85.3	11.9	72	72	27	27	91	42	52	14(41)	88	11	79	21
		78	6	84	30(109)	27	27	72	72	6	77	30	85(250)
91.9	10.1	72	72	26	26	91	41	51	13(41)	88	11	79	20
		78	5	85	29(109)	26	26	72	72	5	77	30	85(250)
98.4	8.6	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)
105.0	7.3	72	72	25	25	92	39	51	11(42)	88	9	79	19
		77	3	85	28(110)	25	25	72	72	3	77	29	85(249)
111.5	6.2	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)
118.1	5.1	72	72	24	24	93	38	51	10(42)	88	7	79	17
		77	1	86	28(110)	23	23	73	73	1	77	28	86(249)
124.7	4.0	71	71	24	24	92	38	51	9(42)	88	7	79	17
		77	1	85	27(110)	23	23	72	72	1	77	28	86(249)
131.2	3.1	71	71	24	24	92	38	51	9(42)	88	6	79	17
		77	0	85	27(110)	23	23	72	72	0	76	28	86(249)
137.8	2.2	71	71	23	23	92	37	50	9(42)	88	6	79	17
		77	0	85	27(110)	22	22	72	72	0	76	27	85(249)

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

Main boom and fixed jib (jib angle 0.0 degrees)

Length of main boom = 166.0 ft Length of jib = 55.8 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(...)				5(180)					6(...)				
A	B	C	D	A	B	C	D	A	B	C	D			
45.9	17.9	60	60	42	42	64	55	46	39	(17)	66	36	62	40
		66	36	62	40	(90)	42	42	60	60	36	66	40	63(269)
52.5	17.4	64	64	38	38	73	51	49	32	(31)	72	30	67	35
		69	28	69	38	(102)	39	39	63	63	28	69	38	69(257)
59.1	17.0	67	67	35	35	80	48	50	26	(37)	78	24	71	30
		72	20	75	36	(108)	35	35	67	67	20	71	37	76(251)
65.6	16.5	70	70	31	31	87	44	52	20	(41)	84	18	76	26
		75	13	81	34	(111)	31	31	70	70	13	74	35	81(248)
72.2	14.8	71	71	29	29	89	44	52	17	(40)	86	15	77	23
		75	9	84	34	(113)	29	29	71	71	9	74	34	84(246)
78.7	12.6	71	71	28	28	90	43	51	15	(40)	86	13	78	22
		78	8	83	30	(108)	28	28	72	72	8	77	31	83(251)
85.3	10.6	71	71	28	28	90	41	51	14	(41)	86	12	78	21
		77	7	83	30	(109)	27	27	72	72	7	77	30	84(250)
91.9	9.0	71	71	26	26	91	41	51	13	(41)	87	11	78	20
		77	5	84	29	(109)	26	26	72	72	5	77	30	84(250)
98.4	7.5	71	71	26	26	91	40	51	12	(41)	87	10	78	19
		77	4	84	28	(109)	25	25	72	72	4	77	29	84(250)
105.0	6.2	71	71	25	25	91	40	50	11	(41)	87	9	78	19
		77	3	84	28	(109)	25	25	72	72	3	77	28	84(250)
111.5	5.1	71	71	25	25	92	39	51	10	(42)	87	8	79	18
		77	2	85	28	(110)	24	24	72	72	2	76	28	85(249)
118.1	4.0	71	71	24	24	92	38	51	10	(42)	87	7	78	18
		77	2	85	28	(110)	23	23	72	72	1	76	28	85(249)
124.7	3.1	71	71	24	24	92	38	51	9	(42)	88	6	79	17
		77	0	85	27	(110)	23	23	72	72	0	76	28	86(249)
131.2	2.2	71	71	23	23	92	37	50	9	(42)	88	6	79	17
		77	0	86	26	(110)	22	22	72	72	0	76	27	86(249)

HA=166.0 HI= 55.8 GGW= 55.8 SL= 0.0 MAX(A,B,C,D)= 8.6 7.2 7.9 8.0

Main boom and fixed jib (jib angle 0.0 degrees)

Length of main boom = 175.5 ft Length of jib = 55.8 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(...)				5(180)					6(...)				
A	B	C	D	A	B	C	D	A	B	C	D			
45.9	16.8	59	59	43	43	62	56	45	41	(12)	65	37	61	41
		65	37	61	41	(90)	43	43	59	59	37	65	41	61(270)
52.5	16.3	62	62	39	39	70	52	47	34	(28)	70	31	66	36
		68	30	67	38	(100)	39	39	62	62	29	68	38	68(259)
59.1	15.9	66	66	36	36	78	48	50	27	(36)	76	25	70	31
		71	22	73	36	(106)	36	36	66	66	22	70	37	73(253)
65.6	15.7	69	69	32	32	85	45	52	21	(40)	82	19	75	27
		73	15	80	35	(111)	32	32	69	69	15	73	35	80(248)

72.2	14.3	71	71	30	30	88	44	52	17(40)	85	15	77	24
		75	10	83	34(112)	30	30	71	71	10	74	34	83(247)
78.7	12.1	71	71	29	29	89	43	51	16(40)	85	14	77	23
		77	9	82	31(108)	28	28	71	71	9	76	31	82(251)
85.3	10.4	71	71	28	28	90	42	51	15(40)	86	12	77	21
		77	7	83	30(108)	27	27	71	71	7	77	30	83(251)
91.9	8.6	71	71	27	27	90	41	51	14(41)	86	11	77	21
		77	6	83	30(109)	26	26	71	71	6	76	30	83(250)
98.4	7.3	71	71	26	26	90	40	51	13(41)	86	10	78	20
		77	5	84	29(109)	26	26	71	71	5	76	29	84(250)
105.0	6.0	71	71	26	26	91	40	50	12(41)	86	9	78	19
		77	4	84	28(109)	25	25	71	71	4	76	29	84(250)
111.5	4.9	71	71	25	25	91	39	50	11(41)	87	8	78	18
		77	3	84	28(109)	24	24	72	72	2	77	28	84(250)
118.1	3.7	71	71	24	24	91	38	51	10(42)	87	7	78	18
		76	2	84	28(110)	24	24	72	72	2	76	28	85(249)
124.7	2.9	71	71	24	24	92	38	50	9(42)	87	7	78	17
		77	1	85	27(110)	23	23	72	72	1	76	28	85(249)

 HA=175.5 HI= 55.8 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 = 180.1 ft Length of jib = 55.8 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					
45.9	17.0	60	60	42	42	64	55	46	39(18)	66	36	62	39
		66	36	63	39(91)	42	42	60	60	35	66	40	63(268)
52.5	16.8	64	64	38	38	73	50	49	31(32)	73	29	67	34
		69	27	70	38(103)	38	38	64	64	27	69	38	70(256)
59.1	16.3	67	67	34	34	81	47	51	25(38)	78	23	72	30
		72	19	76	36(108)	34	34	67	67	19	72	36	76(251)
65.6	15.9	71	71	31	31	87	45	51	19(39)	84	17	76	25
		74	12	82	34(112)	31	31	71	71	12	74	35	82(247)
72.2	13.2	70	70	30	30	87	44	51	18(39)	84	16	76	24
		74	10	82	34(112)	30	30	71	71	10	73	34	82(247)
78.7	11.0	70	70	29	29	88	43	51	16(40)	84	14	76	23
		76	9	82	31(108)	28	28	71	71	9	76	31	82(251)
85.3	9.3	70	70	28	28	89	42	50	15(40)	85	13	77	22
		77	8	82	30(108)	27	27	71	71	7	76	30	82(251)
91.9	7.5	70	70	27	27	88	41	50	14(40)	85	12	77	21
		76	7	82	29(108)	26	26	71	71	7	76	30	82(251)
98.4	6.2	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)
105.0	4.9	70	70	26	26	90	40	50	12(41)	86	9	77	19
		76	4	83	28(109)	25	25	71	71	4	75	29	83(250)
111.5	3.7	70	70	25	25	90	39	50	11(41)	86	9	77	19
		76	3	83	28(109)	24	24	71	71	3	76	28	84(250)
118.1	2.6	70	70	25	25	90	39	50	11(41)	86	8	77	18
		76	3	83	27(109)	24	24	71	71	2	75	28	84(250)

 HA=180.1 HI= 55.8 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 0.0 degrees)
 Length of main boom = 191.9 ft Length of jib = 55.8 ft
 Main boom sequence = 0-100-100-100-100-100 % LK = 74
 Counterweight = 55.8 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]								(Pos.[Degrees])				0-360 Degr.
		1(0)		2(...)				3(90)		6(...)				
		A	B	C	D	A	B	C	D	A	B	C	D	
52.5	15.2	62	62	39	39	70	52	47	33(28)	70	31	65	35	
		68	29	67	38(100)	39	39	62	62	29	67	38	67(259)	
59.1	15.0	66	66	35	35	78	48	50	26(36)	76	25	70	31	
		71	21	74	36(107)	35	35	66	66	21	70	37	74(252)	
65.6	14.8	69	69	32	32	86	44	52	20(41)	82	19	75	26	
		73	14	80	35(111)	32	32	69	69	14	73	35	80(248)	
72.2	12.6	70	70	30	30	86	44	50	19(39)	83	16	75	24	
		73	11	81	34(112)	30	30	70	70	11	73	34	81(247)	
78.7	10.4	69	69	29	29	86	43	50	17(39)	83	15	75	24	
		73	10	81	33(112)	29	29	70	70	10	73	34	81(247)	
85.3	8.6	69	69	28	28	87	42	50	16(40)	84	13	76	22	
		76	9	81	30(108)	28	28	70	70	9	75	31	81(251)	
91.9	7.1	70	70	27	27	88	41	50	15(40)	84	12	76	21	
		76	7	81	29(108)	27	27	70	70	7	75	30	82(251)	
98.4	5.5	69	69	27	27	88	41	50	14(40)	84	11	76	21	
		76	7	81	29(108)	26	26	70	70	6	75	29	82(251)	
105.0	4.4	70	70	26	26	89	40	50	13(41)	85	10	77	20	
		75	5	82	28(109)	25	25	70	70	5	75	29	82(250)	
111.5	3.3	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	2.2	69	69	25	25	89	39	50	12(41)	85	9	77	19	
		75	3	82	28(109)	24	24	70	70	3	75	28	83(250)	

 HA=191.9 HI= 55.8 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 = 193.9 ft Length of jib = 55.8 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(...)				
		A	B	C	D	A	B	C	D	A	B	C	D	
52.5	15.9	64	64	37	37	74	50	49	30(33)	73	28	68	34	
		69	26	71	37(104)	37	37	64	64	26	69	38	71(255)	
59.1	15.4	67	67	34	34	82	46	50	24(38)	79	22	72	29	
		72	18	77	35(109)	34	34	67	67	18	72	36	77(250)	
65.6	13.7	69	69	31	31	85	43	52	20(41)	82	18	75	26	
		73	14	80	34(111)	31	31	69	69	13	73	35	80(248)	
72.2	11.2	69	69	30	30	85	44	50	19(39)	82	17	75	25	
		73	11	80	34(112)	30	30	69	69	11	72	34	80(247)	

78.7	9.3	69	69	29	29	86	43	50	17(39)	83	15	75	23
		73	10	81	33(112)	28	28	69	69	9	72	33	81(247)
85.3	7.3	69	69	28	28	86	43	49	16(39)	83	14	75	22
		75	9	80	30(107)	28	28	69	69	9	75	30	80(252)
91.9	5.7	69	69	28	28	87	41	50	15(40)	83	13	75	22
		75	8	80	29(108)	27	27	69	69	7	74	30	81(251)
98.4	4.4	69	69	27	27	87	41	49	14(40)	84	11	76	21
		75	6	81	29(108)	26	26	70	70	6	75	29	81(251)
105.0	3.1	69	69	26	26	87	40	49	13(40)	84	11	76	20
		75	6	81	28(108)	25	25	70	70	6	75	29	81(251)

HA=193.9 HI= 55.8 GGW= 55.8 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 = 205.7 ft Length of jib = 55.8 ft
 Main boom sequence = 45-100-100-100-100-100 % LK = 77
 Counterweight = 55.8 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.					
	1(0)		2(...)		3(90)		4(...)							
	A	B	C	D	A	B	C	D	5(180)	A	B	C	D	6(...)
52.5	13.4	61	61	39	39	69	51	47	34(27)	69	31	65	36	
		67	30	66	38(99)	39	39	61	61	30	67	38	66(260)	
59.1	13.4	65	65	35	35	77	47	49	27(36)	75	25	69	31	
		70	22	73	36(106)	35	35	65	65	21	70	36	73(253)	
65.6	13.0	68	68	32	32	84	44	51	21(40)	81	19	74	27	
		73	15	78	34(110)	32	32	68	68	15	72	35	78(249)	
72.2	10.8	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)	
78.7	8.6	68	68	30	30	84	43	50	18(39)	82	16	74	24	
		72	11	80	33(111)	29	29	69	69	11	72	33	80(248)	
85.3	6.8	68	68	29	29	85	43	49	17(39)	82	14	75	23	
		72	9	80	32(112)	28	28	69	69	9	71	33	80(247)	
91.9	5.3	68	68	28	28	85	42	49	16(39)	82	13	75	22	
		75	9	80	29(107)	27	27	69	69	9	74	30	80(252)	
98.4	4.0	68	68	27	27	86	41	49	15(40)	83	12	75	21	
		74	7	80	29(108)	26	26	69	69	7	74	30	80(251)	
105.0	2.9	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)	

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

Main boom and fixed jib (jib angle 0.0 degrees)

Length of main boom = 208.0 ft Length of jib = 55.8 ft
 Main boom sequence = 90-90-90-90-90-90 % LK = 78
 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	5(180)	A	B	C	D	6(...)
52.5	14.3	63	63	37	37	73	50	48	30(32)	72	28	67	34	
		69	26	70	37(103)	37	37	63	63	26	68	37	70(256)	

59.1	14.3	67	67	33	33	82	45	51	23(39)	79	21	72	28
		72	17	77	35(109)	33	33	67	67	17	71	36	77(250)
65.6	11.9	68	68	32	32	83	44	51	21(40)	80	19	73	26
		72	15	78	34(110)	31	31	68	68	14	72	35	78(249)
72.2	9.5	68	68	30	30	83	44	49	20(38)	80	17	73	25
		72	13	78	34(111)	30	30	68	68	13	71	34	79(248)
78.7	7.5	68	68	29	29	84	43	49	18(39)	81	16	74	24
		72	11	79	33(111)	29	29	68	68	11	71	33	79(248)
85.3	5.7	68	68	28	28	84	42	49	17(39)	81	14	74	23
		71	9	80	32(112)	28	28	68	68	9	71	33	80(247)
91.9	4.2	68	68	28	28	85	42	49	16(39)	82	13	74	22
		74	9	79	29(107)	27	27	69	69	8	74	30	79(252)
98.4	2.9	68	68	27	27	86	40	49	15(40)	82	12	75	21
		74	7	80	29(108)	26	26	69	69	7	73	29	80(251)

 HA=208.0 HI= 55.8 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 = 222.4 ft Length of jib = 55.8 ft
 Main boom sequence = 100-100-100-100-100-100 % LK = 79
 Counterweight = 55.8 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.			
		1(0)		2(...)		3(90)		6(...)					
		4(...)		5(180)		6(...)							
		A	B	C	D	A	B	C	D				
59.1	11.5	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)
65.6	11.0	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)
72.2	8.6	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)
78.7	6.6	67	67	30	30	82	43	49	19(38)	79	17	73	25
		71	12	78	33(111)	29	29	67	67	12	70	34	78(248)
85.3	5.1	67	67	29	29	83	42	49	18(39)	80	15	73	23
		71	10	78	32(111)	28	28	68	68	10	71	33	79(248)
91.9	3.5	67	67	28	28	84	42	49	17(39)	80	14	73	23
		73	9	78	30(107)	27	27	68	68	9	73	30	78(252)

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

Programm L A M O S 9 9 Version 1.08 vom 29.09.02
 14.10.2003, 15:37:22
 Eingabedatei: ilam.dat
 Festdatei : /berechnung/tabellen/zentraledaten/lamosfd-ac/200-1.99dat
 Tabellendat.: /berechnung/tabellen/ac/ac200-1/serie_3/pc_tab/22137312_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 = 55.8 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(...)									
		4(...)				5(180)				6(...)					
		A	B	C	D	A	B	C	D	A	B	C	D		
29.5	21.2	47	47	57	57	42	57	49	60	59	43	61	45	59	
		48	62	43	54	128	57	57	46	46	62	48	54	43	232
32.8	20.3	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	18.5	50	50	52	52	49	52	50	53	59	49	53	50	52	
		50	53	49	52	127	52	52	50	50	53	50	52	49	232
45.9	17.2	52	52	49	49	54	49	52	48	59	54	48	53	49	
		52	48	54	50	128	49	49	52	52	48	52	50	54	232
52.5	16.1	55	55	46	46	59	47	53	44	59	58	43	56	45	
		54	42	58	49	128	46	46	55	55	42	54	49	58	232
59.1	15.0	57	57	44	44	63	44	54	39	59	62	39	59	42	
		62	39	59	42	90	44	44	57	57	39	62	42	59	270
65.6	14.1	59	59	41	41	64	54	45	38	19	65	35	62	38	
		65	34	62	39	92	41	41	59	59	34	65	39	62	267
72.2	13.4	62	62	38	38	70	50	47	32	29	70	30	65	35	
		67	28	67	37	100	38	38	62	62	28	67	37	67	259
78.7	13.0	64	64	35	35	76	48	49	27	35	74	25	69	31	
		69	22	72	36	106	35	35	65	65	22	69	36	72	253

HA= 40.7 HI= 55.8 GGW= 55.8 SL= 0.0 MAX(A,B,C,D)= 7.0 6.4 6.7 6.7

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

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.					
		1(0)				2(...)									
		4(...)				5(180)				6(...)					
		A	B	C	D	A	B	C	D	A	B	C	D		
32.8	20.5	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	19.0	50	50	52	52	50	52	51	53	59	50	53	50	52	
		51	53	50	52	127	52	52	50	50	53	51	52	50	232
45.9	17.6	53	53	49	49	54	49	52	48	59	54	48	53	49	
		52	48	54	50	128	49	49	53	53	48	52	50	54	232
52.5	16.5	55	55	46	46	59	47	53	44	59	58	43	56	45	
		54	42	58	49	128	46	46	55	55	42	54	49	58	232

59.1	15.4	57	57	44	44	63	44	54	40(59)	62	39	59	42
		62	39	59	42(90)	44	44	57	57	39	62	42	59(270)
65.6	14.8	60	60	41	41	64	54	46	37(20)	66	34	62	38
		66	34	63	39(92)	41	41	60	60	34	65	39	63(267)
72.2	13.9	62	62	39	39	69	51	47	33(28)	69	30	65	35
		67	29	67	37(100)	38	38	62	62	28	67	38	67(259)
78.7	13.2	64	64	36	36	75	48	49	28(34)	73	26	68	32
		69	23	71	36(105)	36	36	64	64	23	69	37	71(254)
85.3	12.8	66	66	33	33	80	46	50	24(38)	78	22	71	29
		71	18	75	35(109)	33	33	67	67	18	70	35	76(250)
91.9	12.1	68	68	31	31	84	43	51	20(41)	81	18	74	26
		72	13	79	34(111)	31	31	69	69	13	72	34	79(248)

HA= 54.5 HI= 55.8 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 20.0 degrees)

Length of main boom = 68.6 ft Length of jib = 55.8 ft

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

Counterweight = 55.8 kip

Radius Cap. [ft]	Cap. [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.			
		1(0)		2(...)		3(90)		6(...)					
		4(...)		5(180)		6(...)							
		A	B	C	D	A	B	C	D				
39.4	18.7	50	50	52	52	49	52	50	53(59)	49	54	50	53
		50	54	49	52(128)	53	53	50	50	54	50	52	49(232)
45.9	17.6	53	53	49	49	54	50	52	49(59)	54	49	53	49
		52	48	54	50(128)	50	50	52	52	48	52	50	54(232)
52.5	16.5	55	55	47	47	59	47	53	44(59)	58	44	56	45
		54	43	58	49(128)	47	47	55	55	43	54	49	58(232)
59.1	15.4	57	57	44	44	63	45	54	40(59)	61	40	59	42
		61	40	59	42(90)	44	44	57	57	40	61	42	59(270)
65.6	14.3	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	13.2	60	60	40	40	66	52	46	35(24)	67	32	63	37
		66	31	64	38(96)	39	39	60	60	31	66	38	64(263)
78.7	12.1	62	62	38	38	70	50	47	32(29)	69	29	65	34
		67	28	67	37(101)	37	37	62	62	27	67	37	67(258)
85.3	11.2	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)
91.9	10.6	65	65	34	34	77	46	49	25(36)	75	23	69	30
		69	20	73	35(107)	34	34	65	65	19	69	35	73(252)
98.4	9.9	66	66	32	32	80	44	50	22(39)	78	20	71	27
		71	16	76	34(109)	32	32	67	67	16	70	34	76(250)
105.0	9.3	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	79(248)
111.5	8.8	69	69	28	28	87	42	50	16(40)	84	13	76	22
		76	8	81	30(108)	28	28	70	70	8	75	30	81(251)

HA= 68.6 HI= 55.8 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 = 70.2 ft Length of jib = 55.8 ft

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

Counterweight = 55.8 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]								(Pos.[Degrees])				0-360 Degr.
		1(0)				2(...)				3(90)				
		4(...)				5(180)				6(...)				
A	B	C	D	A	B	C	D	A	B	C	D			
39.4	18.7	50	50	52	52	49	52	50	53	(59)	49	54	50	53
		50	54	49	52(128)	53	53	50	50		54	50	52	49(232)
45.9	16.8	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	15.2	53	53	48	48	56	48	52	46	(59)	55	46	54	47
		52	45	55	49(128)	48	48	53	53		45	52	49	55(232)
59.1	13.7	54	54	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)
65.6	12.6	56	56	43	43	62	44	54	39	(59)	60	39	58	42
		60	39	58	42(90)	43	43	56	56		39	60	42	58(270)
72.2	11.5	57	57	42	42	60	55	44	40	(11)	63	36	60	39
		63	36	60	39(90)	41	41	58	58		36	63	39	60(270)
78.7	10.6	59	59	40	40	64	52	45	36	(21)	65	33	62	37
		65	32	62	38(94)	39	39	59	59		32	64	38	63(265)
85.3	9.7	60	60	38	38	67	50	46	33	(27)	67	30	63	35
		66	28	65	37(99)	38	38	60	60		28	65	37	65(260)
91.9	9.0	62	62	36	36	71	49	47	30	(31)	70	27	65	33
		67	25	68	36(103)	36	36	62	62		24	66	36	68(256)
98.4	8.6	63	63	34	34	75	46	48	26	(35)	73	24	68	30
		68	21	71	35(106)	34	34	64	64		20	68	35	71(253)
105.0	7.9	65	65	33	33	78	45	48	23	(37)	76	21	70	28
		69	17	74	34(108)	32	32	65	65		17	69	34	74(251)
111.5	7.7	67	67	30	30	82	44	49	20	(38)	79	17	73	25
		71	12	78	33(111)	30	30	67	67		12	70	34	78(248)

HA= 70.2 HI= 55.8 GGW= 55.8 SL= 0.0 MAX(A,B,C,D)= 7.6 6.5 7.2 7.2

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

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]								(Pos.[Degrees])				0-360 Degr.
		1(0)				2(...)				3(90)				
		4(...)				5(180)				6(...)				
A	B	C	D	A	B	C	D	A	B	C	D			
39.4	18.7	50	50	52	52	49	52	50	53	(59)	49	53	50	53
		50	54	49	52(127)	52	52	50	50		54	50	52	49(232)
45.9	17.6	53	53	49	49	54	50	52	48	(59)	54	48	53	49
		52	48	54	50(128)	49	49	53	53		48	52	50	54(232)
52.5	16.8	55	55	46	46	60	47	53	44	(59)	58	43	56	45
		54	42	58	49(128)	46	46	55	55		42	54	49	58(232)
59.1	15.7	57	57	44	44	64	44	54	39	(59)	62	39	59	42
		62	39	59	42(90)	44	44	57	57		39	62	42	59(270)
65.6	14.8	60	60	41	41	64	54	45	38	(19)	66	35	62	39
		65	34	62	39(92)	41	41	60	60		34	65	39	63(267)
72.2	13.9	62	62	39	39	69	51	47	33	(28)	69	31	65	35
		67	29	66	37(99)	39	39	62	62		29	67	38	67(260)

78.7	13.0	63	63	37	37	73	49	48	30(33)	72	27	67	33
		68	25	70	37(104)	36	36	63	63	25	68	37	70(255)
85.3	11.9	64	64	35	35	76	47	49	27(35)	74	24	69	31
		69	21	72	35(106)	35	35	65	65	21	69	36	72(253)
91.9	11.2	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	10.6	67	67	31	31	83	43	50	20(40)	80	18	73	26
		71	13	78	34(111)	31	31	68	68	13	71	34	78(248)
105.0	10.1	69	69	29	29	87	43	50	17(39)	84	14	76	23
		76	10	80	30(107)	28	28	70	70	10	75	31	81(252)
111.5	9.5	71	71	27	27	90	41	51	14(41)	86	11	78	21
		77	6	83	30(109)	27	27	71	71	6	76	30	83(250)
118.1	8.2	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)
124.7	7.3	71	71	26	26	91	40	51	12(41)	87	9	78	19
		77	4	84	28(109)	25	25	72	72	4	77	29	84(250)

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

Main boom and fixed jib (jib angle 20.0 degrees)

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

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
	1(0)		2(...)		3(90)								
	4(...)	5(180)	6(...)										
A B C D	A B C D	A B C D	A B C D										
39.4	18.7	50	50	52	52	49	52	50	53(59)	49	53	50	53
		50	54	49	52(127)	52	52	50	50	54	50	52	49(232)
45.9	17.2	52	52	50	50	54	50	52	49(59)	53	49	52	49
		52	49	53	50(128)	50	50	52	52	49	52	50	53(232)
52.5	15.7	54	54	47	47	57	47	52	45(59)	56	45	55	46
		53	44	56	49(128)	47	47	54	54	44	53	49	56(232)
59.1	14.3	56	56	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)
65.6	13.2	57	57	43	43	58	56	44	42(6)	62	37	60	41
		62	37	60	41(90)	43	43	57	57	37	62	41	60(270)
72.2	12.1	59	59	41	41	63	53	45	38(18)	65	34	61	38
		65	34	62	38(91)	40	40	59	59	34	64	39	62(268)
78.7	11.5	60	60	39	39	68	51	46	33(27)	68	31	64	35
		66	29	65	37(98)	38	38	61	61	29	66	37	65(261)
85.3	10.6	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)
91.9	9.9	63	63	35	35	75	47	48	27(35)	73	24	68	31
		68	22	71	35(106)	34	34	64	64	21	68	36	71(253)
98.4	9.3	65	65	33	33	78	45	49	24(37)	76	22	70	29
		69	18	74	35(108)	33	33	65	65	18	69	35	74(251)
105.0	8.8	67	67	31	31	82	43	50	21(40)	79	18	72	26
		71	14	77	34(110)	31	31	67	67	14	70	34	77(249)
111.5	8.2	68	68	30	30	84	44	49	18(38)	81	16	74	24
		72	11	79	33(111)	29	29	68	68	11	71	33	79(248)
118.1	7.9	70	70	27	27	88	41	50	15(40)	84	12	77	21
		76	7	82	29(108)	27	27	70	70	7	75	30	82(251)

124.7 7.3 71 71 26 26 90 40 51 12(41) 86 10 78 19
 77 4 84 28(109) 25 25 71 71 4 76 29 84(250)

HA= 84.0 HI= 55.8 GGW= 55.8 SL= 0.0 MAX(A,B,C,D)= 8.4 7.1 7.8 7.8

Main boom and fixed jib (jib angle 20.0 degrees)

Length of main boom = 96.5 ft Length of jib = 55.8 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			
45.9	17.4	53	53	49	49	54	50	52	48(59)	54	48	53	49	
		52	48	54	50(128)	49	49	53	53	48	52	50	54(232)	
52.5	16.8	56	56	46	46	60	47	54	43(59)	59	43	57	45	
		54	42	58	49(128)	46	46	55	55	42	54	49	58(232)	
59.1	15.9	58	58	43	43	59	57	44	43(5)	63	38	60	41	
		63	38	60	41(90)	43	43	58	58	38	63	41	60(270)	
65.6	15.0	60	60	41	41	65	54	46	37(21)	67	34	63	38	
		66	34	63	39(94)	41	41	60	60	33	66	39	63(265)	
72.2	14.1	62	62	38	38	70	51	47	32(29)	70	30	65	35	
		68	28	67	37(100)	38	38	62	62	28	67	37	67(259)	
78.7	13.4	64	64	36	36	75	48	49	28(34)	74	26	68	32	
		69	23	71	36(105)	36	36	64	64	23	69	37	71(254)	
85.3	12.6	66	66	34	34	79	46	49	25(37)	77	23	70	29	
		70	19	74	35(108)	34	34	66	66	19	70	36	75(251)	
91.9	11.9	67	67	32	32	83	44	51	21(40)	80	19	73	27	
		72	15	78	34(110)	32	32	68	68	15	71	35	78(249)	
98.4	11.2	69	69	30	30	86	44	50	18(39)	83	16	75	24	
		73	11	81	34(112)	29	29	69	69	11	72	34	81(247)	
105.0	10.6	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	83(251)	
111.5	9.3	71	71	27	27	89	42	50	15(40)	85	12	77	21	
		77	7	82	29(108)	27	27	71	71	7	76	30	83(251)	
118.1	8.2	71	71	27	27	90	41	51	13(41)	86	11	77	21	
		77	6	83	29(109)	26	26	71	71	6	76	30	83(250)	
124.7	7.3	71	71	26	26	91	40	51	12(41)	87	10	78	19	
		77	4	84	28(109)	25	25	72	72	4	77	29	84(250)	
131.2	6.4	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)	
137.8	5.5	71	71	24	24	92	39	51	10(42)	88	8	79	18	
		77	2	85	28(110)	24	24	72	72	2	76	28	85(249)	

HA= 96.5 HI= 55.8 GGW= 55.8 SL= 0.0 MAX(A,B,C,D)= 8.5 7.1 7.9 7.9

Main boom and fixed jib (jib angle 20.0 degrees)

Length of main boom = 100.4 ft Length of jib = 55.8 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		
45.9	17.2	52	52	49	49	54	50	52	49	(59)	53	49	53	49
		52	48	53	50(128)	50	50	52	52	48	52	50	53(232)	
52.5	15.9	54	54	47	47	58	47	53	45	(59)	57	44	56	46
		53	43	57	49(128)	47	47	54	54	43	53	49	57(232)	
59.1	14.8	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	13.7	58	58	42	42	61	55	44	40	(12)	63	36	60	40
		63	36	60	40(90)	42	42	58	58	36	63	40	60(270)	
72.2	12.8	60	60	40	40	66	52	46	35	(23)	67	33	63	37
		66	32	64	38(95)	40	40	60	60	32	66	38	64(264)	
78.7	11.9	62	62	38	38	70	50	47	32	(29)	70	29	65	34
		67	27	67	37(101)	37	37	62	62	27	67	37	67(258)	
85.3	11.2	63	63	36	36	74	48	48	28	(34)	73	26	67	32
		68	23	71	36(105)	35	35	63	63	23	68	36	71(254)	
91.9	10.6	65	65	34	34	78	46	49	25	(37)	76	22	70	29
		69	19	74	35(108)	33	33	65	65	19	69	35	74(251)	
98.4	9.9	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)	
105.0	9.3	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)	
111.5	8.8	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	8.2	71	71	27	27	90	41	51	14	(41)	86	11	77	21
		76	6	83	29(109)	26	26	71	71	6	76	30	83(250)	
124.7	7.3	71	71	26	26	90	40	51	12	(41)	86	10	78	20
		77	4	84	29(109)	25	25	71	71	4	76	29	84(250)	
131.2	6.4	71	71	25	25	91	40	50	11	(41)	87	9	78	19
		77	3	84	28(109)	25	25	72	72	3	77	28	84(250)	
137.8	5.5	71	71	25	25	91	39	51	11	(42)	87	8	78	18
		77	2	85	28(110)	24	24	72	72	2	76	29	85(249)	

HA=100.4 HI= 55.8 GGW= 55.8 SL= 0.0 MAX(A,B,C,D)= 8.5 7.1 7.9 7.9

Main boom and fixed jib (jib angle 20.0 degrees)
Length of main boom = 110.2 ft Length of jib = 55.8 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(...)									
	4(...)				5(180)				6(...)					
	A	B	C	D	A	B	C	D	A	B	C	D		
45.9	17.4	53	53	49	49	55	49	52	48	(59)	54	48	54	49
		52	47	54	50(128)	49	49	53	53	47	52	50	54(232)	
52.5	16.5	56	56	46	46	60	46	54	43	(59)	59	43	57	45
		54	41	59	49(128)	46	46	56	56	41	54	49	59(232)	
59.1	15.9	58	58	43	43	60	56	45	41	(9)	63	37	61	41
		63	37	61	41(90)	43	43	58	58	37	63	41	61(270)	
65.6	15.2	61	61	40	40	67	52	47	35	(25)	68	33	64	37
		67	32	65	38(97)	40	40	61	61	32	66	39	65(262)	
72.2	14.6	63	63	37	37	73	50	48	30	(32)	72	28	67	34
		69	26	69	37(103)	37	37	63	63	26	68	37	70(256)	

78.7	13.7	65	65	35	35	77	47	49	26(36)	75	24	70	31
		70	21	73	36(107)	35	35	65	65	21	69	36	73(252)
85.3	13.0	67	67	33	33	82	45	50	22(39)	79	21	72	28
		72	16	77	35(109)	32	32	67	67	16	71	35	77(250)
91.9	12.3	69	69	30	30	85	44	50	19(39)	82	17	75	25
		73	12	80	34(111)	30	30	69	69	12	73	34	80(248)
98.4	11.7	71	71	28	28	89	43	51	16(40)	86	13	77	22
		77	8	82	30(108)	28	28	71	71	8	77	31	83(251)
105.0	10.1	71	71	28	28	89	42	50	15(40)	85	13	77	22
		77	8	82	30(108)	27	27	71	71	7	76	30	83(251)
111.5	9.0	71	71	27	27	90	41	51	14(41)	86	11	78	21
		77	6	83	29(109)	26	26	71	71	6	76	30	84(250)
118.1	7.9	71	71	26	26	90	40	51	13(41)	86	10	78	20
		77	5	84	29(109)	26	26	72	72	5	76	29	84(250)
124.7	6.8	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)
131.2	6.0	71	71	25	25	91	40	50	11(41)	87	9	78	19
		77	3	84	28(109)	24	24	72	72	3	77	28	84(250)
137.8	5.3	72	72	24	24	93	38	51	10(42)	88	7	79	17
		77	1	86	28(110)	23	23	72	72	1	77	28	86(249)
144.4	4.4	71	71	24	24	93	38	51	9(42)	88	7	79	17
		77	1	86	27(110)	23	23	72	72	1	77	28	86(249)
150.9	3.5	71	71	24	24	92	38	51	9(42)	88	6	79	17
		77	0	85	27(110)	23	23	72	72	0	76	28	86(249)

 HA=110.2 HI= 55.8 GGW= 55.8 SL= 0.0 MAX(A,B,C,D)= 8.6 7.1 7.9 8.0

Main boom and fixed jib (jib angle 20.0 degrees)

Length of main boom = 114.5 ft Length of jib = 55.8 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					
52.5	16.1	55	55	46	46	59	47	53	43(59)	58	43	56	45
		54	42	58	49(128)	46	46	55	55	42	54	49	58(232)
59.1	15.0	57	57	44	44	64	44	54	39(59)	62	39	59	42
		62	39	59	42(90)	44	44	57	57	39	62	42	59(270)
65.6	13.9	59	59	41	41	63	54	45	38(17)	65	35	62	39
		65	35	62	39(90)	41	41	59	59	35	65	39	62(269)
72.2	13.2	61	61	39	39	69	51	47	33(27)	69	31	65	35
		67	29	66	37(99)	39	39	61	61	29	67	38	66(260)
78.7	12.3	63	63	37	37	73	49	48	30(32)	72	27	67	33
		68	25	69	37(104)	36	36	63	63	25	68	37	70(255)
85.3	11.5	64	64	35	35	76	47	49	26(36)	75	24	69	30
		69	21	72	35(106)	34	34	65	65	21	69	36	73(253)
91.9	11.0	67	67	32	32	81	44	50	22(39)	78	20	72	27
		71	16	76	34(109)	32	32	67	67	16	71	35	76(250)
98.4	10.4	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)
105.0	9.9	70	70	28	28	88	42	50	16(40)	84	13	77	22
		76	9	82	30(108)	28	28	71	71	8	76	31	82(251)

111.5	9.0	71	71	27	27	90	41	51	14(41)	86	11	78	21
	77	6	83	30(109)	26	26	71	71	6	76	30	84(250)	
118.1	7.9	71	71	26	26	90	40	51	13(41)	86	10	78	20
	77	5	84	29(109)	26	26	71	71	5	76	29	84(250)	
124.7	6.8	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	6.0	71	71	25	25	91	40	50	11(41)	87	9	78	19
	77	3	84	28(109)	24	24	72	72	3	77	28	84(250)	
137.8	5.3	71	71	24	24	92	38	51	10(42)	88	7	79	18
	77	2	85	28(110)	24	24	72	72	1	77	28	86(249)	
144.4	4.4	71	71	24	24	92	38	51	9(42)	88	7	79	17
	77	1	85	27(110)	23	23	72	72	1	77	28	86(249)	
150.9	3.7	72	72	23	23	93	38	51	9(42)	88	6	79	17
	77	0	86	27(110)	22	22	73	73	0	77	27	86(249)	

HA=114.5 HI= 55.8 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 = 124.3 ft Length of jib = 55.8 ft

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

Counterweight = 55.8 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.			
		1(0)		2(...)		3(90)		6(...)					
		A	B	C	D	A	B	C	D				
52.5	16.3	56	56	46	46	61	46	54	43(59)	59	42	57	44
		54	41	59	49(128)	46	46	56	56	41	54	49	59(232)
59.1	15.7	58	58	43	43	61	56	45	41(11)	64	37	61	40
		64	37	61	40(90)	43	43	58	58	37	64	40	61(270)
65.6	15.0	61	61	40	40	68	52	47	35(25)	68	32	64	37
		67	31	65	38(97)	40	40	61	61	31	67	38	65(262)
72.2	14.6	64	64	37	37	74	49	49	30(33)	73	27	68	33
		69	25	71	37(104)	37	37	64	64	25	69	37	71(255)
78.7	13.9	66	66	34	34	79	47	50	25(37)	77	23	71	30
		71	19	75	35(108)	34	34	66	66	19	70	36	75(251)
85.3	13.2	68	68	32	32	84	44	51	21(40)	81	19	74	26
		73	15	78	34(110)	32	32	69	69	14	72	35	79(249)
91.9	12.8	71	71	29	29	88	43	51	17(40)	85	15	77	23
		77	10	82	31(108)	29	29	71	71	9	76	31	82(251)
98.4	11.2	71	71	28	28	89	43	51	15(40)	85	13	77	22
		77	8	82	30(108)	28	28	71	71	8	76	31	83(251)
105.0	9.9	71	71	27	27	90	41	51	14(41)	86	12	78	21
		77	7	83	30(109)	27	27	71	71	7	76	30	83(250)
111.5	8.6	71	71	27	27	90	41	51	14(41)	86	11	78	21
		77	6	83	29(109)	26	26	71	71	6	76	30	83(250)
118.1	7.5	71	71	26	26	90	40	51	13(41)	86	10	78	20
		77	5	84	29(109)	26	26	71	71	5	76	29	84(250)
124.7	6.6	71	71	25	25	91	40	50	11(41)	87	9	78	19
		77	3	84	28(109)	25	25	72	72	3	77	28	85(250)
131.2	5.7	71	71	25	25	92	39	51	10(42)	88	8	79	18
		77	2	85	28(110)	24	24	72	72	2	77	28	85(249)
137.8	4.9	71	71	24	24	92	38	51	10(42)	88	7	79	17
		77	1	85	28(110)	23	23	72	72	1	77	28	86(249)

144.4 4.0 71 71 24 24 92 38 51 9(42) 88 7 79 17
 77 1 85 27(110) 23 23 72 72 1 76 28 85(249)
 150.9 3.3 71 71 23 23 93 38 51 9(42) 88 6 79 17
 77 0 86 27(110) 22 22 72 72 0 77 27 86(249)
 157.5 2.6 72 72 23 23 93 37 50 8(42) 88 5 80 16
 77 0 87 25(110) 22 22 73 73 0 76 26 87(249)

 HA=124.3 HI= 55.8 GGW= 55.8 SL= 0.0 MAX(A,B,C,D)= 8.6 7.1 8.1 8.1

Main boom and fixed jib (jib angle 20.0 degrees)

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

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
		1(0)		2(...)		3(90)		6(...)						
		A	B	C	D	A	B	C	D		A	B	C	D
52.5	15.9	55	55	46	46	60	46	53	43(59)	58	43	57	45	
		54	42	58	49(128)	46	46	55	55	42	54	49	58(232)	
59.1	15.0	58	58	43	43	59	57	44	42(5)	63	38	60	41	
		63	38	60	41(90)	43	43	58	58	38	63	41	60(270)	
65.6	14.1	60	60	41	41	65	53	46	37(21)	66	34	63	38	
		66	33	63	39(94)	40	40	60	60	33	65	39	63(265)	
72.2	13.2	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	12.6	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	11.9	66	66	33	33	79	45	50	24(38)	77	22	71	29	
		71	18	75	35(108)	33	33	66	66	18	70	35	75(251)	
91.9	11.2	68	68	31	31	83	43	51	20(40)	80	18	73	26	
		72	14	78	34(111)	31	31	68	68	14	71	35	78(248)	
98.4	10.6	69	69	29	29	86	43	50	17(39)	83	15	76	23	
		73	10	81	33(112)	29	29	70	70	10	73	34	81(247)	
105.0	9.9	71	71	27	27	90	41	51	14(41)	86	12	78	21	
		77	7	83	30(109)	27	27	71	71	6	76	30	84(250)	
111.5	8.6	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	7.5	71	71	26	26	90	40	51	13(41)	86	10	78	20	
		77	5	84	29(109)	26	26	71	71	5	76	29	84(250)	
124.7	6.6	71	71	25	25	91	40	51	11(41)	87	9	78	19	
		77	3	84	28(109)	25	25	72	72	3	77	28	85(250)	
131.2	5.7	71	71	25	25	92	39	51	10(42)	88	8	79	18	
		77	2	85	28(110)	24	24	72	72	2	77	28	85(249)	
137.8	4.9	71	71	24	24	92	38	51	10(42)	88	7	79	17	
		77	1	85	28(110)	23	23	72	72	1	77	28	86(249)	
144.4	4.0	71	71	24	24	92	38	51	9(42)	88	7	79	17	
		77	1	85	27(110)	23	23	72	72	1	76	28	85(249)	
150.9	3.3	71	71	23	23	93	38	51	9(42)	88	6	79	17	
		77	0	86	27(110)	22	22	72	72	0	77	27	86(249)	
157.5	2.6	72	72	23	23	93	37	50	8(42)	88	5	80	16	
		77	0	87	25(110)	22	22	73	73	0	76	26	87(249)	

 HA=130.9 HI= 55.8 GGW= 55.8 SL= 0.0 MAX(A,B,C,D)= 8.6 7.1 8.1 8.1

 Main boom and fixed jib (jib angle 20.0 degrees)
 Length of main boom = 138.1 ft Length of jib = 55.8 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)				
		4(...)				5(180)				6(...)				
A	B	C	D	A	B	C	D	A	B	C	D			
59.1	15.4	59	59	42	42	62	55	45	40	(14)	65	36	61	40
		65	36	61	40	(90)	42	42	59	59	36	65	40	61(270)
65.6	15.0	62	62	39	39	70	51	47	33	(28)	70	31	65	36
		67	29	67	38	(100)	39	39	62	62	29	67	38	67(259)
72.2	14.3	64	64	36	36	75	49	49	28	(34)	74	26	69	32
		70	23	72	36	(105)	36	36	65	65	23	69	37	72(254)
78.7	13.9	67	67	33	33	81	45	51	23	(39)	79	21	72	28
		72	17	77	35	(109)	33	33	67	67	17	71	35	77(250)
85.3	13.4	70	70	30	30	86	44	51	19	(39)	83	17	76	25
		73	11	81	34	(112)	30	30	70	70	11	73	34	81(247)
91.9	12.6	71	71	28	28	90	43	51	15	(40)	86	13	78	22
		78	8	83	30	(108)	28	28	72	72	8	77	31	83(251)
98.4	10.8	71	71	28	28	90	41	51	15	(41)	86	12	78	21
		77	7	83	30	(109)	27	27	71	71	7	76	31	84(250)
105.0	9.3	71	71	27	27	90	41	51	14	(41)	86	11	78	21
		77	6	83	30	(109)	27	27	71	71	6	76	30	83(250)
111.5	8.2	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)
118.1	7.1	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)
124.7	6.0	71	71	25	25	91	40	50	11	(41)	87	8	78	19
		77	3	84	28	(109)	24	24	72	72	3	77	28	85(250)
131.2	5.1	71	71	24	24	92	38	51	10	(42)	88	7	79	18
		77	2	85	28	(110)	24	24	72	72	2	77	28	85(249)
137.8	4.2	71	71	24	24	92	38	51	9	(42)	88	7	79	17
		77	1	85	27	(110)	23	23	72	72	1	77	28	86(249)
144.4	3.3	71	71	24	24	92	38	51	9	(42)	88	6	79	17
		77	1	85	27	(110)	23	23	72	72	0	76	28	85(249)
150.9	2.6	71	71	23	23	93	37	50	8	(42)	88	6	79	16
		77	0	86	26	(110)	22	22	72	72	0	76	26	87(249)

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

Main boom and fixed jib (jib angle 20.0 degrees)
 Length of main boom = 145.0 ft Length of jib = 55.8 ft
 Main boom sequence = 0-0-45-100-100-100 % LK = 55
 Counterweight = 55.8 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]								(Pos.[Degrees])				0-360 Degr.
		1(0)				2(...)				3(90)				
		4(...)				5(180)				6(...)				
A	B	C	D	A	B	C	D	A	B	C	D			
59.1	15.0	58	58	43	43	61	56	45	41	(11)	64	37	61	40
		64	37	61	40	(90)	42	42	58	58	37	64	40	61(270)

65.6	14.3	61	61	39	39	68	52	47	35(26)	68	32	64	37
		67	31	65	38(97)	39	39	61	61	31	67	38	65(262)
72.2	13.4	63	63	37	37	73	49	48	30(32)	72	28	67	33
		68	26	69	37(103)	37	37	63	63	25	68	37	70(256)
78.7	12.8	65	65	34	34	78	47	49	26(36)	76	24	70	30
		70	20	74	35(107)	34	34	65	65	20	70	36	74(252)
85.3	12.1	67	67	32	32	82	45	50	22(39)	80	20	73	27
		72	15	77	34(110)	32	32	68	68	15	71	35	78(249)
91.9	11.5	69	69	30	30	86	44	50	18(39)	83	16	75	24
		73	11	81	34(112)	29	29	70	70	11	73	34	81(247)
98.4	10.8	71	71	28	28	90	41	51	15(41)	86	12	78	21
		77	7	83	30(109)	27	27	71	71	7	76	31	84(250)
105.0	9.3	71	71	27	27	90	41	51	14(41)	86	11	78	21
		77	6	83	30(109)	27	27	71	71	6	76	30	83(250)
111.5	8.2	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)
118.1	7.1	71	71	25	25	91	40	51	12(41)	87	9	78	19
		78	4	84	28(109)	25	25	72	72	3	77	29	85(250)
124.7	6.0	71	71	25	25	91	39	51	11(42)	87	8	78	19
		77	3	85	28(110)	24	24	72	72	3	76	29	85(249)
131.2	5.1	71	71	24	24	92	38	51	10(42)	88	7	79	18
		77	2	85	28(110)	24	24	72	72	2	77	28	85(249)
137.8	4.2	71	71	24	24	92	38	51	9(42)	88	7	79	17
		77	1	85	27(110)	23	23	72	72	1	77	28	86(249)
144.4	3.3	71	71	24	24	92	38	51	9(42)	88	6	79	17
		77	1	85	27(110)	23	23	72	72	0	76	28	86(249)
150.9	2.6	71	71	23	23	93	37	50	8(42)	88	6	79	16
		77	0	86	26(110)	22	22	72	72	0	76	26	87(249)

 HA=145.0 HI= 55.8 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 = 152.2 ft Length of jib = 55.8 ft
 Main boom sequence = 0-0-90-90-90-90 % LK = 62
 Counterweight = 55.8 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.			
		1(0)		2(...)		3(90)		6(...)					
		A	B	C	D	A	B	C	D	A	B	C	D
59.1	15.2	59	59	42	42	63	54	45	39(17)	65	36	62	39
		65	36	62	39(90)	42	42	59	59	35	65	39	62(269)
65.6	14.6	62	62	39	39	70	51	47	33(29)	70	31	65	35
		68	29	67	38(100)	39	39	62	62	29	67	38	67(259)
72.2	14.1	65	65	35	35	76	48	49	27(35)	75	25	69	32
		70	22	73	36(106)	35	35	65	65	22	69	37	73(253)
78.7	13.7	68	68	33	33	82	45	51	22(39)	80	20	73	28
		72	16	77	35(110)	32	32	68	68	16	71	35	78(249)
85.3	13.2	70	70	30	30	88	44	51	18(39)	84	15	76	24
		74	10	82	34(112)	29	29	71	71	10	74	34	82(247)
91.9	11.9	71	71	28	28	90	43	51	15(40)	86	13	78	22
		78	8	83	30(108)	28	28	71	71	8	77	31	83(251)
98.4	10.4	71	71	27	27	90	41	51	14(41)	86	12	78	21
		77	6	84	30(109)	27	27	72	72	6	77	30	84(250)

105.0	8.8	71	71	27	27	90	41	51	13(41)	86	11	78	20
	77	6	84	29(109)	26	26	72	72	6	77	30	84(250)	
111.5	7.7	71	71	26	26	91	40	51	12(41)	87	9	78	19
	78	4	84	28(109)	25	25	72	72	4	77	29	85(250)	
118.1	6.6	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)	
124.7	5.5	72	72	24	24	92	39	51	10(42)	88	7	79	18
	77	2	85	28(110)	24	24	72	72	2	77	28	86(249)	
131.2	4.6	72	72	24	24	93	38	51	9(42)	88	6	79	17
	78	1	86	27(110)	23	23	73	73	0	77	28	86(249)	
137.8	3.5	71	71	24	24	92	38	51	9(42)	88	7	79	17
	77	1	85	27(110)	23	23	72	72	1	76	28	85(249)	
144.4	2.6	71	71	24	24	92	38	50	9(42)	87	6	79	17
	77	0	85	27(110)	23	23	72	72	0	76	28	85(249)	

 HA=152.2 HI= 55.8 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 = 161.4 ft Length of jib = 55.8 ft

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

Counterweight = 55.8 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.			
		1(0)		2(...)		3(90)		6(...)					
		A	B	C	D	A	B	C	D				
65.6	14.1	62	62	39	39	69	52	47	34(27)	69	31	65	36
	67	30	66	38(99)	39	39	62	62	30	67	38	67(260)	
72.2	13.4	64	64	36	36	75	49	49	28(34)	73	26	68	32
	69	24	71	36(105)	36	36	64	64	24	69	37	71(254)	
78.7	12.8	66	66	34	34	80	46	50	24(38)	78	22	71	29
	71	18	75	35(108)	33	33	67	67	18	71	35	75(251)	
85.3	12.1	69	69	31	31	85	43	51	20(41)	81	18	74	26
	73	13	79	34(111)	31	31	69	69	13	72	34	79(248)	
91.9	11.7	71	71	28	28	89	43	51	15(40)	86	13	77	22
	77	8	83	30(108)	28	28	71	71	8	77	31	83(251)	
98.4	10.1	71	71	27	27	90	41	51	14(41)	86	12	78	21
	77	7	83	30(109)	27	27	71	71	7	76	30	84(250)	
105.0	8.8	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)	
111.5	7.5	71	71	26	26	91	40	51	12(41)	87	10	78	19
	77	4	84	28(109)	25	25	72	72	4	77	29	84(250)	
118.1	6.4	71	71	25	25	91	40	50	11(41)	87	9	78	19
	78	3	85	28(109)	24	24	72	72	3	77	28	85(250)	
124.7	5.5	72	72	24	24	93	39	51	10(42)	88	7	79	17
	78	1	86	28(110)	24	24	73	73	1	77	28	86(249)	
131.2	4.4	71	71	24	24	92	38	51	10(42)	88	7	79	17
	77	1	85	27(110)	23	23	72	72	1	77	28	86(249)	
137.8	3.5	71	71	24	24	93	38	51	9(42)	88	6	79	17
	77	0	86	27(110)	23	23	72	72	0	77	28	86(249)	
144.4	2.6	71	71	23	23	92	37	50	9(42)	88	6	79	17
	77	0	85	27(110)	22	22	72	72	0	76	27	86(249)	

 HA=161.4 HI= 55.8 GGW= 55.8 SL= 0.0 MAX(A,B,C,D)= 8.6 7.1 7.9 8.0

 Main boom and fixed jib (jib angle 20.0 degrees)
 Length of main boom = 166.0 ft Length of jib = 55.8 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)							
		4(...)				5(180)				6(...)							
A	B	C	D	A	B	C	D	A	B	C	D						
65.6	14.6	63	63	38	38	72	50	48	31(31)	72	29	67	34				
		69	27	69	37(102)	37	37	63	63	27	68	37	69(257)				
72.2	14.1	66	66	34	34	79	47	50	25(37)	77	24	71	30				
		71	20	75	36(108)	34	34	66	66	20	70	36	75(251)				
78.7	13.7	69	69	31	31	85	43	52	20(41)	82	18	74	26				
		73	14	80	34(111)	31	31	69	69	13	72	35	80(248)				
85.3	13.2	72	72	28	28	90	43	51	15(40)	87	13	78	22				
		78	8	83	30(108)	28	28	72	72	8	77	31	84(251)				
91.9	11.2	71	71	28	28	90	42	52	14(41)	86	12	78	21				
		77	7	84	30(109)	27	27	72	72	7	77	31	84(250)				
98.4	9.5	71	71	27	27	90	41	51	14(41)	86	11	78	21				
		77	6	84	30(109)	26	26	72	72	6	77	30	84(250)				
105.0	8.2	71	71	26	26	91	41	51	12(41)	87	10	78	20				
		77	4	84	29(109)	26	26	72	72	4	77	29	84(250)				
111.5	6.8	71	71	25	25	91	40	51	12(41)	87	9	78	19				
		77	4	84	28(109)	25	25	72	72	3	77	29	85(250)				
118.1	5.7	71	71	25	25	92	39	51	10(42)	88	8	79	18				
		77	2	85	28(110)	24	24	72	72	2	77	29	85(249)				
124.7	4.6	71	71	24	24	92	38	51	10(42)	88	7	79	17				
		77	1	85	28(110)	23	23	72	72	1	77	28	85(249)				
131.2	3.5	71	71	24	24	92	38	51	10(42)	87	7	78	17				
		77	1	85	27(110)	23	23	72	72	1	76	28	85(249)				
137.8	2.6	71	71	24	24	92	38	50	9(42)	88	6	79	17				
		77	0	85	27(110)	23	23	72	72	0	76	28	85(249)				

 HA=166.0 HI= 55.8 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 20.0 degrees)
 Length of main boom = 175.5 ft Length of jib = 55.8 ft
 Main boom sequence = 0-45-100-100-100-100 % LK = 69
 Counterweight = 55.8 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]								(Pos.[Degrees])				0-360 Degr.			
		1(0)				2(...)				3(90)							
		4(...)				5(180)				6(...)							
A	B	C	D	A	B	C	D	A	B	C	D						
72.2	13.4	65	65	35	35	77	47	49	27(36)	75	25	69	31				
		70	21	73	36(107)	35	35	65	65	21	69	36	73(252)				
78.7	12.8	67	67	32	32	82	45	50	22(39)	80	20	73	27				
		72	16	77	35(110)	32	32	68	68	16	71	35	78(249)				
85.3	12.3	70	70	29	29	87	44	50	17(39)	84	15	76	24				
		74	10	82	33(112)	29	29	71	71	10	73	34	82(247)				
91.9	11.0	71	71	28	28	90	42	51	15(40)	86	13	78	22				
		77	7	83	30(108)	27	27	71	71	7	77	30	83(251)				

98.4	9.3	71	71	27	27	90	41	51	14(41)	86	12	77	21
		77	7	83	30(109)	27	27	71	71	6	76	30	83(250)
105.0	7.9	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)
111.5	6.6	71	71	26	26	91	40	51	12(41)	87	9	78	19
		77	4	84	28(109)	25	25	72	72	4	77	29	84(250)
118.1	5.3	71	71	25	25	90	40	50	12(41)	86	9	78	19
		77	4	84	28(109)	25	25	71	71	4	76	29	84(250)
124.7	4.4	71	71	24	24	91	38	51	10(42)	87	8	78	18
		77	2	85	28(110)	24	24	72	72	2	76	28	85(249)
131.2	3.3	71	71	24	24	91	38	51	10(42)	87	7	78	18
		76	2	84	28(110)	24	24	71	71	2	76	28	84(249)
137.8	2.4	71	71	24	24	91	38	50	10(42)	87	7	78	17
		76	1	84	27(110)	23	23	71	71	1	76	28	85(249)

HA=175.5 HI= 55.8 GGW= 55.8 SL= 0.0 MAX(A,B,C,D)= 8.5 7.1 7.9 7.9

Main boom and fixed jib (jib angle 20.0 degrees)

Length of main boom = 180.1 ft Length of jib = 55.8 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
72.2	13.7	66	66	34	34	79	47	50	25(37)	77	23	71	29
		71	19	75	35(108)	34	34	66	66	19	71	36	75(251)
78.7	13.4	70	70	30	30	86	45	51	19(39)	83	17	75	25
		73	12	81	34(112)	30	30	70	70	12	73	35	81(247)
85.3	11.7	70	70	29	29	88	43	51	17(40)	84	15	76	23
		74	9	82	33(112)	29	29	70	70	9	73	34	82(247)
91.9	9.9	70	70	28	28	88	42	50	16(40)	85	13	77	22
		76	8	82	30(108)	28	28	71	71	8	76	31	82(251)
98.4	8.4	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)
105.0	6.8	70	70	27	27	89	40	50	14(41)	85	11	77	21
		76	6	82	29(109)	26	26	71	71	6	75	30	83(250)
111.5	5.5	70	70	26	26	89	40	50	13(41)	85	10	77	20
		76	5	83	29(109)	26	26	71	71	5	75	29	83(250)
118.1	4.4	70	70	26	26	90	39	50	12(41)	86	9	77	19
		76	4	83	28(109)	25	25	71	71	4	75	29	83(250)
124.7	3.3	70	70	25	25	90	39	50	11(41)	85	9	77	19
		76	3	83	28(109)	24	24	71	71	3	75	28	83(250)
131.2	2.4	70	70	24	24	90	39	50	11(41)	86	8	78	18
		76	2	84	27(109)	24	24	71	71	2	76	28	84(250)

HA=180.1 HI= 55.8 GGW= 55.8 SL= 0.0 MAX(A,B,C,D)= 8.4 7.1 7.8 7.8

Main boom and fixed jib (jib angle 20.0 degrees)

Length of main boom = 191.9 ft Length of jib = 55.8 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	A	B	C	D			
72.2	13.0	65	65	34	34	78	47	50	26	(37)	76	24	70	30					
		70	20	74	35	(107)	34	34	66	66		20	70	36	74	(252)			
78.7	12.8	69	69	31	31	85	43	52	20	(41)	82	18	74	26					
		73	13	80	34	(111)	31	31	69	69		13	72	35	80	(248)			
85.3	11.2	70	70	29	29	86	44	50	18	(39)	83	15	76	24					
		73	10	81	33	(112)	29	29	70	70		10	73	34	81	(247)			
91.9	9.5	70	70	28	28	87	42	50	16	(40)	84	14	76	23					
		76	9	81	30	(108)	28	28	70	70		9	75	31	81	(251)			
98.4	7.9	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)			
105.0	6.4	69	69	27	27	88	41	50	15	(40)	84	12	76	21					
		76	7	81	29	(108)	26	26	70	70		7	75	30	82	(251)			
111.5	5.3	70	70	26	26	89	40	50	13	(41)	85	10	77	20					
		76	5	82	29	(109)	26	26	71	71		5	75	29	83	(250)			
118.1	4.0	69	69	26	26	88	40	50	13	(41)	84	10	76	20					
		75	5	82	28	(109)	25	25	70	70		5	75	29	82	(250)			
124.7	3.1	70	70	25	25	89	39	50	12	(41)	85	9	77	19					
		76	4	83	28	(109)	24	24	71	71		3	75	28	83	(250)			

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

Main boom and fixed jib (jib angle 20.0 degrees)

Length of main boom = 193.9 ft Length of jib = 55.8 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	A	B	C	D			
72.2	13.4	67	67	33	33	82	45	51	23	(39)	79	21	72	28					
		72	17	77	35	(109)	33	33	67	67		17	71	35	77	(250)			
78.7	12.1	69	69	31	31	85	45	50	20	(38)	82	17	75	25					
		73	13	80	34	(111)	30	30	69	69		12	72	34	80	(248)			
85.3	10.1	69	69	30	30	86	43	50	18	(39)	82	16	75	24					
		73	11	80	33	(112)	29	29	69	69		11	72	34	81	(247)			
91.9	8.4	69	69	29	29	86	43	50	17	(39)	83	14	75	23					
		75	10	80	30	(107)	28	28	69	69		9	75	30	80	(252)			
98.4	6.8	69	69	28	28	87	41	50	15	(40)	83	13	76	22					
		75	8	81	30	(108)	27	27	70	70		8	75	30	81	(251)			
105.0	5.3	69	69	27	27	87	41	50	15	(40)	83	12	75	21					
		75	7	80	29	(108)	27	27	69	69		7	74	30	81	(251)			
111.5	4.2	69	69	26	26	88	41	49	14	(40)	84	11	76	20					
		75	6	81	28	(108)	26	26	70	70		6	75	29	82	(251)			
118.1	2.9	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)			

HA=193.9 HI= 55.8 GGW= 55.8 SL= 0.0 MAX(A,B,C,D)= 8.1 7.0 7.6 7.6

Main boom and fixed jib (jib angle 20.0 degrees)

Length of main boom = 205.7 ft Length of jib = 55.8 ft
 Main boom sequence = 45-100-100-100-100-100 % LK = 77
 Counterweight = 55.8 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]								(Pos.[Degrees])				0-360 Degr.
		1(0)				2(...)				3(90)				
		4(...)				5(180)				6(...)				
A	B	C	D	A	B	C	D	A	B	C	D			
78.7	11.7	68	68	31	31	84	44	51	20(40)	81	18	74	26	
		72	13	79	34(111)	31	31	69	69	13	72	35	79(248)	
85.3	9.7	68	68	30	30	84	44	49	19(38)	82	16	74	24	
		72	11	79	33(111)	30	30	69	69	11	72	34	80(248)	
91.9	7.9	68	68	29	29	85	43	50	17(39)	82	15	75	24	
		72	10	80	33(112)	28	28	69	69	10	71	33	80(247)	
98.4	6.4	68	68	28	28	85	42	49	16(39)	82	14	75	22	
		75	9	80	30(107)	28	28	69	69	9	74	30	80(252)	
105.0	5.1	69	69	28	28	86	41	50	15(40)	83	13	75	22	
		75	8	80	29(108)	27	27	69	69	8	74	30	80(251)	
111.5	3.7	68	68	27	27	86	41	49	15(40)	83	12	75	21	
		75	7	80	29(108)	26	26	69	69	7	74	29	80(251)	
118.1	2.6	68	68	26	26	87	40	49	14(40)	83	11	75	20	
		75	6	81	28(108)	25	25	69	69	6	74	29	81(251)	

HA=205.7 HI= 55.8 GGW= 55.8 SL= 0.0 MAX(A,B,C,D)= 8.0 6.9 7.5 7.5

Main boom and fixed jib (jib angle 20.0 degrees)

Length of main boom = 208.0 ft Length of jib = 55.8 ft
 Main boom sequence = 90-90-90-90-90-90 % LK = 78
 Counterweight = 55.8 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]								(Pos.[Degrees])				0-360 Degr.
		1(0)				2(...)				3(90)				
		4(...)				5(180)				6(...)				
A	B	C	D	A	B	C	D	A	B	C	D			
78.7	10.6	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)	
85.3	8.6	68	68	30	30	83	44	49	19(38)	80	17	73	25	
		72	12	78	33(111)	30	30	68	68	12	71	34	79(248)	
91.9	6.8	67	67	29	29	84	43	49	18(39)	81	15	74	24	
		72	11	79	32(111)	29	29	68	68	11	71	33	79(248)	
98.4	5.3	67	67	28	28	84	42	49	17(39)	81	14	74	23	
		74	10	78	30(107)	28	28	68	68	10	73	30	79(252)	
105.0	4.0	68	68	28	28	85	42	49	16(39)	82	13	74	22	
		74	9	79	29(107)	27	27	69	69	8	74	30	79(252)	
111.5	2.6	67	67	27	27	85	40	49	15(40)	82	12	74	21	
		73	7	79	29(108)	26	26	68	68	7	73	30	79(251)	

HA=208.0 HI= 55.8 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 20.0 degrees)

Length of main boom = 222.4 ft Length of jib = 55.8 ft
 Main boom sequence = 100-100-100-100-100-100 % LK = 79
 Counterweight = 55.8 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.							
	1(0)				2(...)				3(90)							
	4(...)				5(180)				6(...)							
	A	B	C	D	A	B	C	D	A	B	C	D				
85.3	7.9	67	67	31	31	82	43	50	20	(40)	79	18	73	26		
		71	13	77	33	(110)	30	30	67	67		13	71	34	77	(249)
91.9	6.4	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)
98.4	4.9	67	67	29	29	83	42	49	17	(39)	80	15	73	23		
		71	10	79	32	(111)	28	28	68	68		10	71	32	79	(248)
105.0	3.5	67	67	28	28	84	42	49	16	(39)	81	13	74	22		
		73	9	78	29	(107)	27	27	68	68		9	73	30	79	(252)
111.5	2.2	67	67	28	28	84	41	48	16	(39)	81	13	74	22		
		73	8	78	29	(107)	27	27	68	68		8	73	29	78	(252)

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

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

14.10.2003, 15:37:22

Eingabedatei: ilam.dat

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

Tabellendat.: /berechnung/tabellen/ac/ac200-1/serie_3/pc_tab/22137312_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 = 55.8 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(...)							
	A	B	C	D	A	B	C	D	A	B	C	D				
45.9	15.2	47	47	54	54	44	53	49	55	(59)	45	56	47	54		
		48	56	45	52	(128)	53	53	47	47		56	48	52	45	(232)
52.5	14.3	50	50	50	50	50	50	50	51	(59)	50	50	50	51		
		50	51	50	50	(127)	50	50	50	50		51	50	50	50	(232)
59.1	13.7	52	52	47	47	55	47	52	46	(59)	54	45	53	47		
		52	45	54	49	(128)	47	47	53	53		45	52	49	54	(232)
65.6	13.2	56	56	44	44	61	45	53	41	(59)	60	40	57	43		
		60	40	57	43	(90)	44	44	56	56		40	60	43	57	(270)

72.2 13.0 59 59 41 41 63 53 45 37(19) 65 34 62 38
 65 34 62 38(92) 41 41 59 59 34 65 39 62(267)

HA= 40.7 HI= 55.8 GGW= 55.8 SL= 0.0 MAX(A,B,C,D)= 6.1 6.0 5.8 5.8

Main boom and fixed jib (jib angle 40.0 degrees)

Length of main boom = 54.5 ft Length of jib = 55.8 ft

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

Counterweight = 55.8 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
	1(0)		2(...)		3(90)		6(...)						
	A	B	C	D	A	B	C	D					
45.9	15.2	47	47	54	54	44	53	49	56(59)	45	56	46	55
		48	57	45	52(128)	54	54	47	47	57	48	52	45(232)
52.5	14.6	50	50	51	51	49	50	50	51(59)	50	51	50	51
		50	51	50	50(127)	50	50	50	50	51	50	50	50(232)
59.1	13.9	52	52	48	48	55	48	52	46(59)	54	46	53	47
		52	45	54	49(128)	48	48	52	52	45	52	49	54(232)
65.6	13.4	55	55	45	45	60	45	53	41(59)	59	41	57	43
		54	39	59	48(128)	45	45	55	55	39	54	48	59(232)
72.2	13.0	58	58	42	42	61	55	44	39(13)	63	36	60	39
		63	36	60	39(90)	41	41	58	58	36	63	39	60(270)
78.7	12.8	61	61	38	38	69	51	47	33(28)	69	30	65	35
		67	29	66	37(99)	38	38	61	61	29	67	37	66(260)
85.3	12.3	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)

HA= 54.5 HI= 55.8 GGW= 55.8 SL= 0.0 MAX(A,B,C,D)= 7.0 6.4 6.6 6.6

Main boom and fixed jib (jib angle 40.0 degrees)

Length of main boom = 68.6 ft Length of jib = 55.8 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	14.6	50	50	51	51	49	51	50	51(59)	49	51	50	51
		50	51	49	50(127)	51	51	50	50	51	50	50	49(232)
59.1	13.9	52	52	48	48	54	48	51	47(59)	54	47	53	47
		52	46	54	49(128)	48	48	52	52	46	52	49	54(232)
65.6	13.2	54	54	45	45	59	45	53	43(59)	58	42	56	44
		53	41	58	48(128)	45	45	55	55	41	53	48	58(232)
72.2	12.3	56	56	43	43	63	43	54	39(59)	61	38	59	41
		61	38	59	41(90)	43	43	57	57	38	61	41	59(270)
78.7	11.7	58	58	41	41	63	53	45	37(19)	65	34	61	38
		65	34	62	38(91)	40	40	59	59	34	64	38	62(268)
85.3	11.0	60	60	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	10.4	62	62	36	36	73	48	47	29(33)	72	26	67	32
		68	24	69	36(104)	35	35	63	63	24	67	36	69(255)

98.4 9.7 64 64 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)

HA= 68.6 HI= 55.8 GGW= 55.8 SL= 0.0 MAX(A,B,C,D)= 7.1 6.4 6.8 6.8

Main boom and fixed jib (jib angle 40.0 degrees)
 Length of main boom = 70.2 ft Length of jib = 55.8 ft
 Main boom sequence = 0-0-0-0-100 % LK = 14
 Counterweight = 55.8 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
	1(0)				2(...)								
	3(90)				4(...)								
	A	B	C	D	A	B	C	D	A	B	C	D	
52.5	13.9	49	49	51	51	48	51	49	52(59)	48	52	49	52
		49	52	48	51(128)	51	51	49	49	52	49	51	48(232)
59.1	12.8	50	50	49	49	51	49	50	49(59)	51	48	51	49
		50	48	51	50(127)	49	49	51	51	48	50	50	51(232)
65.6	11.9	52	52	47	47	55	47	52	45(59)	54	44	54	46
		52	43	55	49(128)	46	46	53	53	43	52	49	55(232)
72.2	11.0	54	54	45	45	59	45	52	41(59)	58	41	56	43
		53	39	58	48(128)	44	44	55	55	39	53	48	58(232)
78.7	10.1	56	56	43	43	62	43	53	38(59)	60	37	58	41
		60	37	58	41(90)	42	42	56	56	37	60	41	58(270)
85.3	9.5	58	58	40	40	62	53	44	37(17)	64	34	61	38
		64	34	61	38(90)	40	40	58	58	34	63	38	61(269)
91.9	9.0	60	60	38	38	67	50	46	33(27)	67	30	63	35
		65	28	65	37(99)	37	37	60	60	28	65	37	65(260)
98.4	8.6	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)

HA= 70.2 HI= 55.8 GGW= 55.8 SL= 0.0 MAX(A,B,C,D)= 6.7 6.2 6.4 6.4

Main boom and fixed jib (jib angle 40.0 degrees)
 Length of main boom = 82.3 ft Length of jib = 55.8 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(...)								
	A	B	C	D	A	B	C	D	A	B	C	D	
52.5	14.6	50	50	51	51	49	51	50	51(59)	49	51	50	51
		50	51	49	50(127)	51	51	50	50	51	50	50	49(232)
59.1	14.1	52	52	48	48	55	48	52	46(59)	54	46	53	47
		52	45	54	49(128)	48	48	53	53	45	52	49	54(232)
65.6	13.4	55	55	45	45	60	45	53	42(59)	58	41	56	44
		53	40	58	48(128)	45	45	55	55	40	53	48	58(232)
72.2	12.8	57	57	43	43	58	56	44	42(6)	62	37	59	40
		62	37	59	40(90)	42	42	57	57	37	62	40	59(270)
78.7	12.1	59	59	40	40	64	53	45	36(21)	66	33	62	37
		65	32	63	38(94)	40	40	60	60	32	65	38	63(265)
85.3	11.5	61	61	38	38	69	50	47	32(29)	69	29	65	34
		67	27	67	37(101)	37	37	62	62	27	66	37	67(258)

91.9 10.8 63 63 35 35 74 48 48 28(34) 73 26 67 32
 68 23 70 36(105) 35 35 63 63 23 68 36 71(254)
 98.4 10.4 65 65 33 33 79 45 49 24(38) 77 21 70 28
 70 18 74 34(108) 33 33 66 66 18 70 35 75(251)
 105.0 9.9 67 67 31 31 83 43 50 20(40) 80 17 73 25
 71 13 78 34(111) 30 30 68 68 13 71 34 78(248)
 111.5 9.5 70 70 28 28 88 42 50 16(40) 84 13 76 22
 76 9 81 30(108) 28 28 70 70 8 75 30 82(251)

 HA= 82.3 HI= 55.8 GGW= 55.8 SL= 0.0 MAX(A,B,C,D)= 8.1 7.0 7.6 7.6

Main boom and fixed jib (jib angle 40.0 degrees)
 Length of main boom = 84.0 ft Length of jib = 55.8 ft
 Main boom sequence = 0-0-0-0-45-100 % LK = 21
 Counterweight = 55.8 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]								(Pos.[Degrees]) 0-360 Degr.				
		1(0)		2(...)		3(90)		4(...)						
		A	B	C	D	A	B	C	D		A	B	C	D
59.1	13.2	51	51	49	49	53	49	51	48(59)	52	47	52	48	
		51	47	52	49(128)	49	49	51	51	47	51	49	52(232)	
65.6	12.1	53	53	47	47	56	46	52	44(59)	55	44	54	45	
		52	43	55	49(128)	46	46	53	53	43	52	49	55(232)	
72.2	11.5	55	55	44	44	60	44	53	41(59)	59	40	57	42	
		59	40	57	42(90)	44	44	55	55	40	59	42	57(270)	
78.7	10.6	56	56	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	10.1	59	59	39	39	64	52	45	35(22)	65	32	62	37	
		65	32	63	37(94)	39	39	59	59	32	64	38	63(265)	
91.9	9.5	60	60	37	37	69	49	46	32(29)	68	29	64	34	
		66	27	66	36(100)	37	37	61	61	27	66	37	66(259)	
98.4	9.0	62	62	35	35	73	47	48	28(34)	72	25	67	31	
		67	22	70	35(105)	35	35	63	63	22	67	36	70(254)	
105.0	8.6	65	65	33	33	78	45	49	24(37)	75	21	69	28	
		69	18	73	34(108)	32	32	65	65	18	69	35	74(251)	
111.5	8.2	67	67	31	31	82	43	50	20(40)	79	18	72	26	
		71	13	77	33(110)	30	30	67	67	13	70	34	77(249)	

 HA= 84.0 HI= 55.8 GGW= 55.8 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 = 96.5 ft Length of jib = 55.8 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)		4(...)						
		A	B	C	D	A	B	C	D		A	B	C	D
59.1	13.9	52	52	48	48	54	48	51	47(59)	54	46	53	47	
		52	46	54	49(128)	48	48	52	52	46	52	49	54(232)	
65.6	13.4	55	55	45	45	60	45	53	42(59)	58	41	56	44	
		53	40	58	48(128)	45	45	55	55	40	53	48	58(232)	

72.2	13.0	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	12.3	60	60	40	40	65	52	46	35(23)	67	33	63	37
		65	32	63	38(95)	39	39	60	60	32	65	38	64(264)
85.3	11.7	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	68(258)
91.9	11.2	64	64	35	35	75	47	48	27(35)	74	24	68	31
		69	21	72	35(106)	35	35	64	64	21	69	36	72(253)
98.4	10.8	66	66	32	32	80	44	50	22(39)	78	21	71	28
		71	17	76	34(109)	32	32	67	67	16	70	35	76(250)
105.0	10.4	68	68	30	30	84	44	49	19(38)	82	17	74	25
		72	12	79	33(111)	30	30	69	69	12	72	34	80(248)
111.5	9.9	70	70	28	28	89	42	50	15(40)	85	13	77	22
		77	8	82	30(108)	27	27	71	71	7	76	30	82(251)
118.1	8.6	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	83(251)

 HA= 96.5 HI= 55.8 GGW= 55.8 SL= 0.0 MAX(A,B,C,D)= 8.3 7.1 7.7 7.7

Main boom and fixed jib (jib angle 40.0 degrees)
 Length of main boom = 100.4 ft Length of jib = 55.8 ft
 Main boom sequence = 0-0-0-0-100-100 % LK = 29
 Counterweight = 55.8 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.
	1(0)		2(...)		3(90)		6(...)		
	A	B C D	A B C D	A B C D	A B C D	A B C D			
59.1	13.2	51 51 49 49	53 49 51 48(59)	52 47 52 48					
		51 47 52 49(128)	48 48 52 52	47 51 49 52(232)					
65.6	12.3	53 53 46 46	57 46 52 44(59)	56 43 55 45					
		52 42 56 48(128)	46 46 54 54	42 52 48 56(232)					
72.2	11.7	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	11.0	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)					
85.3	10.4	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)					
91.9	9.9	61 61 37 37	70 49 47 31(30)	70 28 65 33					
		67 26 67 36(102)	36 36 62 62	26 66 37 68(257)					
98.4	9.5	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)					
105.0	9.0	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)					
111.5	8.6	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)					
118.1	8.2	69 69 28 28	87 42 50 16(40)	83 13 75 22					
		75 9 80 30(108)	28 28 70 70	9 75 31 81(251)					
124.7	7.5	70 70 26 26	89 40 51 13(41)	86 11 77 20					
		76 6 83 29(109)	26 26 71 71	6 76 30 83(250)					

 HA=100.4 HI= 55.8 GGW= 55.8 SL= 0.0 MAX(A,B,C,D)= 8.3 7.0 7.7 7.7

Main boom and fixed jib (jib angle 40.0 degrees)

Length of main boom = 110.2 ft Length of jib = 55.8 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							
65.6	13.4	55	55	45	45	60	45	53	41	(59)	59	41	57	43				
		54	39	59	48(128)	45	45	56	56		39	54	48	59(232)				
72.2	13.0	58	58	42	42	61	55	44	40	(13)	63	36	60	39				
		63	36	60	39(90)	42	42	58	58		36	63	39	60(270)				
78.7	12.6	60	60	39	39	67	51	46	34	(26)	68	32	64	36				
		66	30	65	38(98)	39	39	61	61		30	66	38	65(261)				
85.3	12.1	63	63	36	36	73	49	48	29	(33)	72	27	67	33				
		68	24	70	36(104)	36	36	63	63		24	68	37	70(255)				
91.9	11.5	65	65	34	34	78	46	49	25	(37)	75	23	70	30				
		70	20	73	35(107)	34	34	65	65		20	69	35	73(252)				
98.4	11.0	67	67	32	32	82	43	50	21	(40)	79	19	73	26				
		71	15	77	34(110)	31	31	67	67		15	71	34	77(249)				
105.0	10.8	70	70	29	29	87	43	51	17	(40)	84	14	76	23				
		76	10	81	31(108)	28	28	70	70		9	75	31	81(251)				
111.5	9.7	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	82(251)				
118.1	8.4	70	70	27	27	89	41	50	14	(40)	85	12	77	21				
		77	7	82	29(108)	26	26	71	71		6	76	30	83(251)				
124.7	7.3	71	71	26	26	90	40	51	13	(41)	86	11	77	20				
		76	5	83	29(109)	26	26	71	71		5	76	30	83(250)				
131.2	6.4	71	71	25	25	91	40	50	11	(41)	87	9	78	19				
		77	4	84	28(109)	25	25	72	72		3	77	29	84(250)				

HA=110.2 HI= 55.8 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 = 114.5 ft Length of jib = 55.8 ft
 Main boom sequence = 0-0-0-45-100-100 % LK = 37
 Counterweight = 55.8 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]								(Pos.[Degrees])				0-360 Degr.				
		1(0)				2(...)				3(90)								
		4(...)				5(180)				6(...)								
A	B	C	D	A	B	C	D	A	B	C	D							
65.6	12.6	54	54	46	46	58	46	52	43	(59)	57	42	55	44				
		53	41	57	48(128)	45	45	54	54		41	53	48	57(232)				
72.2	11.9	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)				
78.7	11.2	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)				
85.3	10.8	60	60	38	38	68	50	46	33	(27)	68	30	64	35				
		66	28	66	37(99)	38	38	61	61		28	66	37	66(260)				
91.9	10.1	62	62	36	36	72	48	47	29	(33)	71	26	66	32				
		67	24	69	36(104)	36	36	63	63		24	67	36	69(255)				
98.4	9.7	64	64	34	34	77	46	48	25	(36)	75	23	69	29				
		69	19	73	35(107)	33	33	65	65		19	69	35	73(252)				

105.0	9.5	67	67	31	31	82	43	50	21(40)	79	18	72	26
		71	14	77	34(110)	31	31	67	67	14	71	34	77(249)
111.5	9.0	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)
118.1	8.4	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	7.5	71	71	26	26	90	40	51	13(41)	86	10	78	20
		77	5	84	29(109)	26	26	71	71	5	76	29	84(250)
131.2	6.4	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)
137.8	5.5	71	71	25	25	91	39	51	11(42)	87	8	78	18
		77	2	85	28(110)	24	24	72	72	2	76	29	85(249)

HA=114.5 HI= 55.8 GGW= 55.8 SL= 0.0 MAX(A,B,C,D)= 8.5 7.1 7.9 7.9

Main boom and fixed jib (jib angle 40.0 degrees)

Length of main boom = 124.3 ft Length of jib = 55.8 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					
65.6	13.4	56	56	44	44	61	45	53	41(59)	60	40	57	43
		60	40	57	43(90)	44	44	56	56	40	60	43	57(270)
72.2	13.0	58	58	41	41	62	54	45	39(15)	64	35	61	39
		64	35	61	39(90)	41	41	58	58	35	64	39	61(270)
78.7	12.8	61	61	38	38	69	51	47	33(28)	69	30	65	35
		67	29	67	37(100)	38	38	62	62	28	67	38	67(259)
85.3	12.1	63	63	36	36	74	48	48	28(34)	73	26	68	32
		69	23	71	36(105)	36	36	64	64	23	68	37	71(254)
91.9	11.7	66	66	33	33	79	45	50	24(38)	77	22	71	29
		71	18	75	35(108)	33	33	66	66	18	70	35	75(251)
98.4	11.2	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	10.8	70	70	28	28	88	43	51	16(40)	85	13	77	22
		77	9	82	30(108)	28	28	71	71	8	76	31	82(251)
111.5	9.5	71	71	28	28	89	42	50	15(40)	85	12	77	21
		77	7	82	30(108)	27	27	71	71	7	76	30	83(251)
118.1	8.2	70	70	27	27	89	41	51	14(41)	85	11	77	21
		76	6	83	30(109)	26	26	71	71	6	76	30	83(250)
124.7	7.1	71	71	26	26	90	40	51	13(41)	86	10	77	20
		76	5	83	29(109)	26	26	71	71	5	76	29	83(250)
131.2	6.2	71	71	25	25	91	40	50	12(41)	87	9	78	19
		77	4	84	28(109)	25	25	72	72	3	77	29	84(250)
137.8	5.3	71	71	25	25	92	39	51	10(42)	87	8	79	18
		77	2	85	28(110)	24	24	72	72	2	76	28	85(249)
144.4	4.4	71	71	24	24	92	38	51	9(42)	88	7	79	17
		77	1	85	27(110)	23	23	72	72	1	77	28	86(249)

HA=124.3 HI= 55.8 GGW= 55.8 SL= 0.0 MAX(A,B,C,D)= 8.6 7.1 7.9 7.9

Main boom and fixed jib (jib angle 40.0 degrees)

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

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]								(Pos.[Degrees])				0-360 Degr.					
		1(0)				2(...)				3(90)									
		4(...)				5(180)				6(...)									
A	B	C	D	A	B	C	D	A	B	C	D								
72.2	11.9	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)				
78.7	11.2	59	59	40	40	63	53	45	37	(20)	65	34	62	38					
		65	33	62	38	(92)	40	40	59	59	33	65	38	62	(267)				
85.3	10.8	61	61	38	38	69	50	47	32	(29)	69	29	65	34					
		67	28	67	37	(100)	37	37	61	61	27	67	37	67	(259)				
91.9	10.4	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)				
98.4	9.9	65	65	33	33	79	45	49	23	(38)	77	21	71	28					
		70	17	75	34	(108)	32	32	66	66	17	70	35	75	(251)				
105.0	9.5	67	67	30	30	83	43	50	19	(40)	80	17	73	25					
		71	13	78	34	(111)	30	30	68	68	13	71	34	78	(248)				
111.5	9.3	70	70	28	28	88	42	50	15	(40)	84	13	77	22					
		76	8	82	30	(108)	27	27	71	71	8	76	30	82	(251)				
118.1	8.2	70	70	27	27	89	41	51	14	(41)	85	11	77	21					
		76	6	83	30	(109)	26	26	71	71	6	76	30	83	(250)				
124.7	7.3	71	71	26	26	91	40	51	12	(41)	86	10	78	19					
		77	4	84	28	(109)	25	25	72	72	4	77	29	84	(250)				
131.2	6.2	71	71	25	25	91	40	50	12	(41)	87	9	78	19					
		77	4	84	28	(109)	25	25	71	71	4	76	29	84	(250)				
137.8	5.3	71	71	25	25	91	39	51	11	(42)	87	8	78	18					
		77	2	85	28	(110)	24	24	72	72	2	76	29	85	(249)				
144.4	4.4	71	71	24	24	92	38	51	10	(42)	88	7	79	17					
		77	1	85	28	(110)	23	23	72	72	1	76	28	85	(249)				
150.9	3.5	71	71	24	24	92	38	51	9	(42)	88	7	79	17					
		77	1	85	27	(110)	23	23	72	72	1	76	28	85	(249)				

HA=130.9 HI= 55.8 GGW= 55.8 SL= 0.0 MAX(A,B,C,D)= 8.6 7.1 7.9 7.9

Main boom and fixed jib (jib angle 40.0 degrees)
 Length of main boom = 138.1 ft Length of jib = 55.8 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)									
		4(...)				5(180)				6(...)									
A	B	C	D	A	B	C	D	A	B	C	D								
72.2	13.0	59	59	41	41	63	53	45	37	(19)	65	34	62	38					
		65	34	62	38	(91)	41	41	59	59	34	65	39	62	(268)				
78.7	12.6	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)				
85.3	12.3	65	65	35	35	77	47	49	26	(36)	75	24	69	31					
		70	21	73	35	(106)	35	35	65	65	21	69	36	73	(253)				
91.9	11.9	67	67	32	32	82	45	50	22	(39)	79	20	72	27					
		71	15	77	35	(110)	32	32	67	67	15	71	35	77	(249)				

98.4	11.5	70	70	29	29	86	44	50	18(39)	83	15	76	24
		73	10	81	33(112)	29	29	70	70	10	73	34	81(247)
105.0	10.4	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)
111.5	9.0	71	71	27	27	90	41	51	14(41)	86	12	77	21
		77	7	83	30(109)	27	27	71	71	6	76	30	83(250)
118.1	7.7	71	71	27	27	90	41	51	13(41)	86	11	77	20
		76	6	83	29(109)	26	26	71	71	6	76	30	83(250)
124.7	6.8	71	71	26	26	91	40	51	12(41)	87	9	78	19
		77	4	84	28(109)	25	25	72	72	4	77	29	84(250)
131.2	5.7	71	71	25	25	91	39	50	11(41)	87	8	78	19
		77	3	84	28(109)	24	24	72	72	3	77	28	85(250)
137.8	4.9	71	71	24	24	92	38	51	10(42)	88	7	79	18
		77	2	85	28(110)	24	24	72	72	1	77	28	85(249)
144.4	4.0	71	71	24	24	93	38	51	9(42)	88	6	79	17
		77	0	86	27(110)	23	23	72	72	0	77	28	86(249)
150.9	3.1	71	71	23	23	93	37	51	9(42)	88	6	79	17
		77	0	86	27(110)	22	22	72	72	0	76	27	86(249)

 HA=138.1 HI= 55.8 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 40.0 degrees)

Length of main boom = 145.0 ft Length of jib = 55.8 ft

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

Counterweight = 55.8 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
	1(0)		2(...)		3(90)		6(...)						
	A	B	C	D	A	B	C	D					
72.2	11.9	57	57	42	42	59	55	44	41(9)	62	37	60	40
		62	37	60	40(90)	42	42	58	58	37	62	40	60(270)
78.7	11.5	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)
85.3	11.0	62	62	37	37	72	49	47	30(32)	71	27	66	33
		68	25	69	36(103)	36	36	63	63	25	67	37	69(256)
91.9	10.6	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)
98.4	10.1	67	67	32	32	82	43	50	21(40)	79	19	72	26
		71	15	77	34(110)	31	31	67	67	15	71	34	77(249)
105.0	9.7	69	69	29	29	86	43	50	17(39)	83	15	75	23
		73	10	81	33(112)	29	29	69	69	10	72	33	81(247)
111.5	9.0	71	71	27	27	90	41	51	14(41)	86	12	77	21
		77	7	83	30(109)	27	27	71	71	6	76	30	83(250)
118.1	7.9	71	71	26	26	90	41	51	13(41)	86	10	78	20
		77	5	84	29(109)	26	26	72	72	5	76	29	84(250)
124.7	6.8	71	71	26	26	91	40	51	12(41)	87	9	78	19
		77	4	84	28(109)	25	25	72	72	4	77	29	84(250)
131.2	5.7	71	71	25	25	91	40	50	11(41)	87	9	78	19
		77	3	84	28(109)	24	24	72	72	3	77	28	84(250)
137.8	4.9	71	71	24	24	92	38	51	10(42)	88	7	79	18
		77	2	85	28(110)	24	24	72	72	2	76	28	85(249)
144.4	4.0	71	71	24	24	92	38	51	9(42)	88	7	79	17
		77	1	85	27(110)	23	23	72	72	1	77	28	86(249)

150.9 3.1 71 71 24 24 92 38 50 9(42) 88 6 79 17
 77 0 85 27(110) 23 23 72 72 0 76 28 86(249)
 157.5 2.2 71 71 23 23 92 37 50 9(42) 88 6 79 17
 77 0 85 27(110) 22 22 72 72 0 76 27 85(249)

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

Main boom and fixed jib (jib angle 40.0 degrees)
 Length of main boom = 152.2 ft Length of jib = 55.8 ft
 Main boom sequence = 0-0-90-90-90-90 % LK = 62
 Counterweight = 55.8 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.			
		1(0)		2(...)		3(90)		6(...)					
		A	B	C	D	A	B	C	D				
72.2	12.8	59	59	41	41	64	53	45	37(20)	66	34	62	38
		65	34	63	38(93)	40	40	59	59	33	65	39	63(266)
78.7	12.6	62	62	37	37	71	50	47	31(31)	71	28	66	34
		68	26	68	37(102)	37	37	63	63	26	67	37	69(257)
85.3	12.1	65	65	34	34	77	47	49	26(36)	75	24	70	30
		70	20	73	35(107)	34	34	65	65	20	69	36	73(252)
91.9	11.9	68	68	31	31	84	44	51	21(40)	80	19	73	26
		72	14	78	34(111)	31	31	68	68	14	71	35	79(248)
98.4	11.7	71	71	28	28	89	43	51	15(40)	86	13	77	22
		77	8	83	30(108)	28	28	71	71	8	77	31	83(251)
105.0	9.9	71	71	28	28	89	42	50	15(40)	85	13	77	22
		77	8	82	30(108)	27	27	71	71	8	76	30	82(251)
111.5	8.6	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)
118.1	7.5	71	71	26	26	91	40	51	12(41)	87	10	78	20
		77	4	84	29(109)	25	25	72	72	4	77	29	84(250)
124.7	6.4	71	71	25	25	91	40	50	11(41)	87	9	78	19
		77	3	84	28(109)	25	25	72	72	3	77	28	85(250)
131.2	5.3	71	71	25	25	91	39	51	11(42)	87	8	78	18
		77	2	85	28(110)	24	24	72	72	2	76	29	85(249)
137.8	4.4	71	71	24	24	92	38	51	10(42)	88	7	79	17
		77	1	85	27(110)	23	23	72	72	1	77	28	86(249)
144.4	3.5	71	71	24	24	93	38	51	9(42)	88	6	79	17
		77	0	86	27(110)	23	23	72	72	0	77	28	86(249)
150.9	2.6	71	71	23	23	93	37	50	8(42)	88	6	79	16
		77	0	86	26(110)	22	22	72	72	0	76	27	86(249)

 HA=152.2 HI= 55.8 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 40.0 degrees)
 Length of main boom = 161.4 ft Length of jib = 55.8 ft
 Main boom sequence = 0-0-100-100-100-100 % LK = 63
 Counterweight = 55.8 kip

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

78.7	11.5	61	61	39	39	68	51	46	33(27)	68	31	64	35
		66	29	65	37(99)	38	38	61	61	29	66	37	66(260)
85.3	11.0	63	63	36	36	74	48	48	28(34)	73	26	67	32
		68	23	70	36(105)	35	35	63	63	23	68	36	70(254)
91.9	10.6	65	65	33	33	79	45	50	24(38)	77	22	71	28
		70	18	75	35(108)	33	33	66	66	18	70	35	75(251)
98.4	10.1	68	68	30	30	83	44	49	20(38)	81	17	74	25
		72	13	79	34(111)	30	30	68	68	13	71	34	79(248)
105.0	9.9	71	71	28	28	89	42	50	15(40)	85	13	77	22
		77	7	82	30(108)	27	27	71	71	7	76	30	83(251)
111.5	8.6	71	71	27	27	90	41	51	14(41)	86	11	78	21
		77	6	83	29(109)	26	26	71	71	6	76	30	83(250)
118.1	7.5	71	71	26	26	91	40	51	12(41)	87	10	78	19
		77	4	84	28(109)	25	25	72	72	4	77	29	84(250)
124.7	6.4	71	71	25	25	91	40	50	11(41)	87	9	78	19
		78	3	84	28(109)	24	24	72	72	3	77	28	85(250)
131.2	5.3	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)
137.8	4.4	71	71	24	24	92	38	51	9(42)	88	7	79	17
		77	1	86	27(110)	23	23	72	72	1	77	28	86(249)
144.4	3.5	72	72	24	24	93	38	51	9(42)	88	6	79	17
		77	0	86	27(110)	23	23	72	72	0	77	27	86(249)
150.9	2.6	71	71	23	23	93	37	50	8(42)	88	6	79	16
		77	0	86	26(110)	22	22	72	72	0	76	27	87(249)

 HA=161.4 HI= 55.8 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 40.0 degrees)
 Length of main boom = 166.0 ft Length of jib = 55.8 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(...)	5(180)	6(...)						
	A	B	C	D	A	B	C	D	A	B	C	D	
78.7	12.3	63	63	37	37	73	49	48	30(32)	72	27	67	33
		68	25	69	36(103)	36	36	63	63	25	68	37	69(256)
85.3	12.1	66	66	33	33	80	45	50	24(38)	77	22	71	29
		71	18	75	35(108)	33	33	66	66	18	70	35	75(251)
91.9	11.9	69	69	30	30	86	44	50	19(39)	82	17	75	25
		73	11	80	34(112)	30	30	69	69	11	72	34	81(247)
98.4	11.0	71	71	28	28	89	43	51	15(40)	86	13	77	22
		77	8	83	30(108)	28	28	71	71	8	77	30	83(251)
105.0	9.5	71	71	27	27	90	41	51	14(41)	86	12	78	21
		77	6	83	30(109)	27	27	71	71	6	76	30	83(250)
111.5	8.2	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)
118.1	6.8	71	71	26	26	91	40	51	12(41)	87	9	78	19
		77	4	84	28(109)	25	25	72	72	4	77	29	84(250)
124.7	5.7	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)
131.2	4.6	71	71	24	24	92	38	51	10(42)	87	7	79	18
		77	2	85	28(110)	24	24	72	72	2	76	28	85(249)

137.8 3.7 71 71 24 24 93 38 51 9(42) 88 6 79 17
 77 0 86 27(110) 23 23 72 72 0 77 28 86(249)
 144.4 2.6 71 71 24 24 92 38 50 9(42) 87 6 79 17
 77 0 85 27(110) 23 23 72 72 0 76 28 85(249)

 HA=166.0 HI= 55.8 GGW= 55.8 SL= 0.0 MAX(A,B,C,D)= 8.6 7.1 7.9 8.0

Main boom and fixed jib (jib angle 40.0 degrees)
 Length of main boom = 175.5 ft Length of jib = 55.8 ft
 Main boom sequence = 0-45-100-100-100-100 % LK = 69
 Counterweight = 55.8 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]								(Pos.[Degrees])				0-360 Degr.
		1(0)		2(...)				3(90)		4(...)				
		A	B	C	D	A	B	C	D	A	B	C	D	
85.3	11.0	64	64	35	35	76	47	48	27(35)	74	24	69	31	
		69	21	72	35(106)	34	34	64	64	21	69	36	72(253)	
91.9	10.6	67	67	32	32	81	44	50	22(39)	78	20	72	27	
		71	15	77	34(110)	32	32	67	67	15	70	35	77(249)	
98.4	10.1	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)	
105.0	9.5	71	71	27	27	90	41	51	14(41)	86	11	78	21	
		77	6	83	30(109)	27	27	71	71	6	76	30	84(250)	
111.5	7.9	71	71	27	27	90	41	51	13(41)	86	11	78	20	
		77	6	83	29(109)	26	26	71	71	6	76	30	83(250)	
118.1	6.8	71	71	26	26	91	40	51	12(41)	87	9	78	19	
		77	4	84	28(109)	25	25	72	72	4	77	29	84(250)	
124.7	5.5	71	71	25	25	91	40	50	12(41)	86	9	78	19	
		77	4	84	28(109)	25	25	71	71	3	76	28	84(250)	
131.2	4.4	71	71	25	25	91	39	50	11(41)	86	8	78	18	
		77	3	84	28(109)	24	24	71	71	3	76	28	84(250)	
137.8	3.5	71	71	24	24	91	38	51	10(42)	87	7	78	17	
		77	1	85	28(110)	23	23	72	72	1	76	28	85(249)	
144.4	2.6	71	71	24	24	92	38	50	9(42)	87	6	79	17	
		77	0	85	27(110)	23	23	72	72	0	76	28	85(249)	

 HA=175.5 HI= 55.8 GGW= 55.8 SL= 0.0 MAX(A,B,C,D)= 8.5 7.1 7.9 7.9

Main boom and fixed jib (jib angle 40.0 degrees)
 Length of main boom = 180.1 ft Length of jib = 55.8 ft
 Main boom sequence = 0-90-90-90-90-90 % LK = 73
 Counterweight = 55.8 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]								(Pos.[Degrees])				0-360 Degr.
		1(0)		2(...)				3(90)		4(...)				
		A	B	C	D	A	B	C	D	A	B	C	D	
85.3	11.9	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	11.7	70	70	30	30	87	44	50	18(39)	84	15	76	24	
		73	10	82	33(112)	29	29	70	70	10	73	34	82(247)	
98.4	10.4	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	83(251)	

105.0	8.6	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	7.3	71	71	26	26	90	40	51	13(41)	86	11	77	20
		76	6	83	29(109)	26	26	71	71	5	76	30	83(250)
118.1	6.0	70	70	26	26	90	40	50	13(41)	86	10	77	20
		76	5	83	28(109)	25	25	71	71	4	76	29	83(250)
124.7	4.6	70	70	26	26	89	40	50	12(41)	85	9	77	19
		76	4	83	28(109)	25	25	71	71	4	75	29	83(250)
131.2	3.7	71	71	25	25	90	39	50	11(41)	86	8	78	18
		77	3	84	27(109)	24	24	71	71	2	76	28	84(250)
137.8	2.6	70	70	24	24	90	39	50	11(41)	86	8	78	18
		76	2	84	27(109)	24	24	71	71	2	76	28	84(250)

HA=180.1 HI= 55.8 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 = 191.9 ft Length of jib = 55.8 ft

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

Counterweight = 55.8 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.			
		1(0)		2(...)		3(90)		6(...)					
		A	B	C	D	A	B	C	D				
85.3	11.0	65	65	34	34	78	46	49	25(37)	76	23	70	29
		70	19	74	35(108)	34	34	65	65	19	69	35	74(251)
91.9	10.6	68	68	31	31	84	43	50	20(40)	80	18	73	26
		72	13	78	34(111)	30	30	68	68	13	71	34	79(248)
98.4	9.9	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)
105.0	8.2	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)
111.5	6.8	70	70	27	27	88	41	50	14(40)	84	12	77	21
		76	7	82	29(108)	26	26	70	70	7	75	30	82(251)
118.1	5.5	70	70	26	26	88	41	50	14(40)	84	11	77	21
		76	6	82	28(108)	26	26	70	70	6	75	29	82(251)
124.7	4.4	70	70	26	26	89	40	50	13(41)	85	10	77	20
		76	5	82	28(109)	25	25	71	71	4	75	29	83(250)
131.2	3.3	70	70	25	25	89	39	50	12(41)	85	9	77	19
		76	4	82	28(109)	24	24	71	71	4	75	28	83(250)
137.8	2.4	70	70	25	25	90	39	50	11(41)	86	8	77	18
		76	3	83	27(109)	24	24	71	71	3	75	28	83(250)

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

Main boom and fixed jib (jib angle 40.0 degrees)

Length of main boom = 193.9 ft Length of jib = 55.8 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(...)			
		A	B	C	D	A	B	C	D		

85.3	11.7	67	67	32	32	83	44	51	21(40)	80	19	73	27
		72	15	78	34(110)	32	32	68	68	15	71	35	78(249)
91.9	10.6	69	69	30	30	86	44	50	18(39)	82	16	75	24
		73	11	80	33(112)	29	29	69	69	11	72	34	81(247)
98.4	8.8	69	69	29	29	86	43	50	17(39)	83	14	75	23
		73	9	81	33(112)	28	28	69	69	9	72	33	81(247)
105.0	7.3	69	69	28	28	87	42	50	16(40)	83	13	75	22
		75	8	81	30(108)	27	27	70	70	8	75	30	81(251)
111.5	6.0	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)
118.1	4.6	69	69	26	26	88	41	49	14(40)	84	11	76	21
		75	6	81	28(108)	26	26	70	70	6	75	29	82(251)
124.7	3.3	69	69	26	26	87	40	49	13(40)	84	11	76	20
		75	6	81	28(108)	25	25	70	70	6	75	29	81(251)
131.2	2.4	69	69	25	25	88	39	50	12(41)	84	9	77	19
		75	4	82	28(109)	24	24	70	70	4	75	28	82(250)

 HA=193.9 HI= 55.8 GGW= 55.8 SL= 0.0 MAX(A,B,C,D)= 8.2 7.0 7.6 7.7

Main boom and fixed jib (jib angle 40.0 degrees)

Length of main boom = 205.7 ft Length of jib = 55.8 ft
 Main boom sequence = 45-100-100-100-100-100 % LK = 77
 Counterweight = 55.8 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
	1(0)		2(...)		3(90)		4(...)						
	A	B	C	D	A	B	C	D	A	B	C	D	
91.9	10.1	68	68	30	30	84	44	49	19(38)	81	17	74	25
		72	12	79	33(111)	30	30	69	69	12	72	34	80(248)
98.4	8.6	69	69	29	29	86	43	50	17(39)	82	15	75	23
		72	10	80	33(112)	28	28	69	69	10	72	33	81(247)
105.0	6.8	68	68	29	29	85	43	49	17(39)	82	14	75	23
		75	10	79	30(107)	28	28	69	69	10	74	30	80(252)
111.5	5.5	68	68	28	28	86	41	50	16(40)	82	13	75	22
		74	8	80	30(108)	27	27	69	69	8	74	30	80(251)
118.1	4.2	68	68	27	27	86	41	49	15(40)	82	12	75	21
		74	7	80	29(108)	26	26	69	69	7	74	30	80(251)
124.7	3.1	68	68	27	27	86	40	49	14(40)	83	11	75	21
		75	6	80	28(108)	26	26	69	69	6	74	29	81(251)

 HA=205.7 HI= 55.8 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 = 208.0 ft Length of jib = 55.8 ft
 Main boom sequence = 90-90-90-90-90-90 % LK = 78
 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	
91.9	9.3	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)

98.4 7.5 68 68 30 30 84 43 49 18(38) 81 16 74 24
 72 11 79 33(111) 29 29 68 68 11 71 33 79(248)
 105.0 6.0 68 68 29 29 84 42 49 17(39) 81 15 74 23
 71 9 80 32(112) 28 28 68 68 9 71 33 80(247)
 111.5 4.6 68 68 28 28 85 42 49 16(39) 82 13 74 22
 74 9 79 29(107) 27 27 69 69 9 74 30 79(252)
 118.1 3.3 68 68 27 27 85 41 49 15(40) 82 12 74 22
 74 8 79 29(108) 26 26 69 69 7 73 30 80(251)

 HA=208.0 HI= 55.8 GGW= 55.8 SL= 0.0 MAX(A,B,C,D)= 7.9 6.9 7.4 7.4

HA=208.0 HI= 55.8 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

14.10.2003, 15:37:22

Eingabedatei: ilam.dat

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

Tabellendat.: /berechnung/tabellen/ac/ac200-1/serie_3/pc_tab/22137312_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 = 55.8 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)		6(...)		
	A	B	C	D	A	B	C	D	
9.8 33.1	43	43	63	63	34	63	47	69(59)	36 71 40 66
	46	73	36	57(128)	64	64	43	43	73 46 57 36(232)
11.5 32.6	44	44	62	62	36	62	47	67(59)	38 68 41 64
	47	71	38	56(128)	62	62	44	44	71 47 56 38(232)
13.1 32.2	45	45	60	60	38	60	48	65(59)	40 66 43 62
	48	68	40	56(128)	61	61	45	45	68 48 56 40(232)
14.8 31.5	47	47	59	59	40	59	49	63(59)	42 64 44 61
	48	66	42	55(128)	60	60	46	46	66 48 55 42(232)
16.4 30.9	47	47	58	58	42	58	49	61(59)	44 62 45 59
	49	63	43	54(128)	58	58	47	47	63 49 54 43(232)
19.7 29.8	49	49	55	55	46	56	50	57(59)	47 58 48 56
	50	59	47	53(128)	56	56	49	49	59 50 53 47(232)

23.0	28.2	51	51	53	53	49	53	51	54(59)	50	54	50	54
		51	55	49	52(128)	53	53	50	50	55	51	52	49(232)
26.2	26.9	52	52	51	51	52	51	52	51(59)	52	51	52	51
		52	51	52	51(127)	51	51	52	52	51	52	51	52(232)
29.5	25.4	53	53	49	49	55	49	52	48(59)	54	48	54	49
		53	47	54	50(128)	49	49	53	53	47	53	50	54(232)
32.8	24.0	54	54	47	47	58	48	53	45(59)	57	45	55	47
		53	44	56	49(128)	47	47	54	54	44	53	49	56(232)
39.4	21.8	56	56	44	44	62	45	54	40(59)	61	40	58	42
		61	40	58	42(90)	44	44	56	56	40	61	42	58(270)
45.9	19.8	58	58	41	41	62	54	45	39(16)	64	35	61	39
		64	35	61	39(90)	41	41	59	59	35	64	39	61(270)
52.5	18.1	60	60	39	39	67	51	46	34(26)	67	31	63	36
		66	30	65	37(98)	38	38	60	60	30	65	37	65(261)
59.1	16.8	62	62	36	36	71	48	47	29(32)	71	27	66	33
		67	24	68	36(103)	36	36	62	62	24	67	36	69(256)
65.6	15.4	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)
72.2	14.3	65	65	32	32	79	44	49	22(38)	76	20	70	27
		69	16	75	34(109)	31	31	65	65	16	69	34	75(250)
78.7	13.7	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= 40.7 HI= 55.8 GGW= 48.7 SL= 0.0 MAX(A,B,C,D)= 7.7 6.8 7.3 7.3

Main boom and fixed jib (jib angle 0.0 degrees)

Length of main boom = 54.5 ft Length of jib = 55.8 ft

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

Counterweight = 48.7 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.			
		1(0)		2(...)		3(90)		6(...)					
		A	B	C	D	A	B		C		D		
13.1	30.9	45	45	60	60	37	60	48	65(59)	39	67	42	63
		47	69	39	56(128)	61	61	44	44	69	47	56	39(232)
14.8	30.4	46	46	59	59	39	59	48	63(59)	41	64	43	61
		48	66	41	55(128)	60	60	45	45	66	48	55	41(232)
16.4	30.0	47	47	58	58	41	58	49	62(59)	43	62	45	60
		49	64	43	54(128)	58	58	46	46	64	49	54	43(232)
19.7	29.1	49	49	56	56	45	56	50	58(59)	46	58	47	57
		50	59	46	53(128)	56	56	48	48	59	50	53	46(232)
23.0	28.2	50	50	53	53	49	54	51	54(59)	49	55	50	54
		51	55	49	52(128)	54	54	50	50	55	51	52	49(232)
26.2	27.1	52	52	51	51	52	51	52	51(59)	52	51	52	51
		52	51	52	51(127)	51	51	52	52	51	52	51	52(232)
29.5	26.0	54	54	49	49	56	50	52	48(59)	55	48	54	49
		53	47	55	50(128)	49	49	53	53	47	53	50	55(232)
32.8	24.9	55	55	47	47	58	48	53	45(59)	57	45	56	46
		54	44	57	50(128)	47	47	55	55	44	54	50	57(232)
39.4	22.5	57	57	44	44	63	45	54	40(59)	61	40	59	42
		61	40	59	42(90)	44	44	57	57	40	61	42	59(270)
45.9	20.9	59	59	41	41	64	54	45	37(19)	65	34	62	38
		65	34	62	39(92)	41	41	59	59	34	65	39	62(267)

52.5	19.2	61	61	38	38	69	50	47	33(28)	69	30	65	35
		67	28	66	37(100)	38	38	61	61	28	66	37	66(259)
59.1	17.6	63	63	36	36	73	48	48	28(33)	72	26	67	32
		68	24	70	36(104)	35	35	63	63	23	68	36	70(255)
65.6	16.5	65	65	33	33	77	45	49	24(37)	75	22	69	29
		69	19	73	35(108)	33	33	65	65	19	69	35	73(251)
72.2	15.4	66	66	31	31	81	43	49	21(39)	78	19	72	26
		70	14	77	34(110)	31	31	67	67	14	70	34	77(249)
78.7	14.6	68	68	29	29	84	43	49	17(39)	81	15	74	23
		72	10	80	33(112)	28	28	69	69	10	71	33	80(247)
85.3	13.2	69	69	28	28	86	41	50	15(40)	83	13	75	22
		75	8	80	30(108)	27	27	69	69	8	74	30	81(251)
91.9	11.7	69	69	27	27	87	41	49	14(40)	83	11	75	21
		75	7	81	29(108)	26	26	69	69	6	74	29	81(251)

HA= 54.5 HI= 55.8 GGW= 48.7 SL= 0.0 MAX(A,B,C,D)= 8.0 6.9 7.5 7.5

Main boom and fixed jib (jib angle 0.0 degrees)

Length of main boom = 68.6 ft Length of jib = 55.8 ft

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

Counterweight = 48.7 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.			
		1(0)		2(...)		3(90)		6(...)					
		4(...)		5(180)		6(...)							
		A	B	C	D	A	B	C	D	A	B	C	D
16.4	28.2	46	46	58	58	39	58	48	62(59)	41	63	43	60
		48	65	41	54(128)	58	58	45	45	65	48	54	41(232)
19.7	27.6	48	48	56	56	43	56	49	58(59)	45	59	46	57
		49	60	45	53(128)	56	56	47	47	60	49	53	45(232)
23.0	26.9	50	50	54	54	47	54	50	55(59)	48	55	49	54
		50	56	48	52(128)	54	54	49	49	56	50	52	48(232)
26.2	26.2	51	51	52	52	51	52	51	52(59)	51	52	51	52
		51	52	51	51(127)	52	52	51	51	52	51	51	51(232)
29.5	25.6	53	53	49	49	55	50	52	49(59)	54	49	53	49
		52	48	54	50(128)	50	50	53	53	48	52	50	54(232)
32.8	24.5	54	54	48	48	58	48	53	46(59)	57	45	55	47
		53	45	56	50(128)	48	48	54	54	45	53	50	56(232)
39.4	22.7	57	57	44	44	63	45	54	40(59)	61	40	59	42
		61	40	59	42(90)	44	44	57	57	40	61	42	59(270)
45.9	20.9	59	59	41	41	63	54	45	38(18)	65	35	62	39
		65	35	62	39(91)	41	41	59	59	34	65	39	62(268)
52.5	19.2	61	61	39	39	68	51	46	33(27)	69	30	64	35
		67	29	66	37(99)	38	38	61	61	29	66	37	66(260)
59.1	17.2	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	69(256)
65.6	15.2	62	62	35	35	73	47	47	27(34)	72	25	67	31
		67	22	70	35(105)	34	34	63	63	22	67	35	70(254)
72.2	13.9	63	63	33	33	76	45	48	24(36)	74	22	69	29
		68	19	72	34(107)	32	32	64	64	18	68	35	72(252)
78.7	12.8	65	65	31	31	79	43	49	22(38)	76	19	70	27
		69	15	75	33(109)	31	31	65	65	15	69	34	75(250)
85.3	11.9	66	66	30	30	81	43	48	19(38)	79	16	72	24
		70	12	77	33(111)	29	29	67	67	11	69	33	77(248)

91.9	10.8	67	67	28	28	83	42	49	17(39)	80	14	73	23
		71	9	78	32(111)	28	28	67	67	9	70	32	78(248)
98.4	10.1	68	68	27	27	86	40	49	14(40)	82	11	75	21
		74	7	80	29(108)	26	26	69	69	7	73	29	80(251)
105.0	9.0	68	68	26	26	86	40	49	13(40)	83	10	75	20
		74	6	80	28(108)	25	25	69	69	5	74	28	81(251)
111.5	8.2	69	69	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= 68.6 HI= 55.8 GGW= 48.7 SL= 0.0 MAX(A,B,C,D)= 8.1 6.9 7.6 7.6

Main boom and fixed jib (jib angle 0.0 degrees)
 Length of main boom = 70.2 ft Length of jib = 55.8 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(...)		3(90)		6(...)		
	A	B C D	A B C D	A B C D	A B C D	A B C D			
16.4	28.0	45 45 58 58	39 58 48 62(59)	41 63 43 60					
		47 65 41 54(128)	59 59 45 45	65 47 54 41(232)					
19.7	27.3	47 47 56 56	43 56 49 59(59)	45 59 46 57					
		49 60 45 53(128)	56 56 47 47	60 49 53 45(232)					
23.0	26.7	49 49 54 54	47 54 50 55(59)	48 56 49 54					
		50 56 48 52(128)	54 54 49 49	56 50 52 48(232)					
26.2	26.0	51 51 52 52	51 52 51 52(59)	51 52 51 52					
		51 52 51 51(127)	52 52 51 51	52 51 51 51(232)					
29.5	25.4	53 53 50 50	54 50 52 49(59)	54 49 53 49					
		52 48 54 50(128)	50 50 53 53	48 52 50 54(232)					
32.8	24.0	54 54 48 48	57 48 53 46(59)	56 46 55 47					
		53 45 56 50(128)	48 48 54 54	45 53 50 56(232)					
39.4	21.4	56 56 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)					
45.9	18.5	56 56 43 43	57 56 43 42(2)	61 37 59 41					
		61 37 59 41(90)	42 42 57 57	37 61 41 59(270)					
52.5	17.0	58 58 40 40	63 52 45 37(19)	64 34 61 37					
		64 33 61 38(92)	40 40 58 58	33 64 38 62(267)					
59.1	15.2	59 59 38 38	66 50 45 33(26)	66 30 63 35					
		65 29 64 37(97)	38 38 60 60	29 65 37 64(262)					
65.6	13.4	60 60 37 37	68 49 45 31(29)	68 28 64 33					
		65 26 66 36(101)	36 36 60 60	26 65 36 66(258)					
72.2	12.1	61 61 35 35	70 47 46 28(32)	70 25 65 31					
		66 23 68 35(103)	34 34 62 62	23 66 35 68(256)					
78.7	11.2	62 62 33 33	74 45 47 25(35)	72 22 67 29					
		67 19 70 34(106)	32 32 63 63	19 67 34 71(253)					
85.3	10.4	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)					
91.9	9.5	64 64 30 30	78 42 48 20(39)	76 18 70 26					
		69 14 74 32(109)	29 29 65 65	13 68 33 75(250)					
98.4	8.8	65 65 29 29	80 42 48 18(38)	78 15 71 24					
		69 11 77 32(111)	28 28 66 66	10 69 32 77(248)					
105.0	8.2	66 66 28 28	83 41 48 16(39)	80 13 73 22					
		72 9 77 29(107)	26 26 67 67	9 72 29 78(252)					

111.5 7.7 67 67 26 26 85 39 49 13(40) 82 11 75 20
 74 6 80 28(108) 25 25 69 69 6 73 28 80(251)

HA= 70.2 HI= 55.8 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 = 82.3 ft Length of jib = 55.8 ft
 Main boom sequence = 0-0-0-0-45-90 % LK = 20
 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
19.7 26.7	47 47 56 56	43 56 49 59(59)	44 59 46 57	49 60 44 53(128)	56 56 47 47	60 49 53 44(232)			
23.0 26.0	49 49 54 54	47 54 50 55(59)	47 56 48 54	50 56 47 52(128)	54 54 49 49	56 50 52 47(232)			
26.2 25.4	51 51 52 52	50 52 51 52(59)	50 52 50 52	51 52 50 51(127)	52 52 51 51	52 51 51 50(232)			
29.5 24.9	53 53 50 50	54 50 52 49(59)	54 49 53 49	52 48 54 50(128)	50 50 52 52	48 52 50 54(232)			
32.8 24.3	54 54 48 48	58 48 53 45(59)	57 45 55 47	53 45 56 50(128)	48 48 54 54	45 53 50 56(232)			
39.4 22.9	57 57 44 44	64 44 54 40(59)	62 39 59 42	62 39 59 42(90)	44 44 57 57	39 62 42 59(270)			
45.9 21.4	60 60 41 41	65 53 46 37(21)	66 34 63 38	66 33 63 39(94)	41 41 60 60	33 65 39 63(265)			
52.5 19.8	62 62 38 38	71 50 47 32(30)	70 29 65 34	67 27 68 37(101)	37 37 62 62	27 67 37 68(258)			
59.1 18.3	64 64 35 35	75 47 48 27(35)	73 25 68 31	69 22 71 35(105)	35 35 64 64	22 69 36 71(254)			
65.6 16.8	65 65 33 33	78 45 49 24(37)	76 22 70 28	70 18 74 35(108)	33 33 65 65	18 69 35 74(251)			
72.2 15.2	66 66 31 31	81 43 49 21(39)	78 19 71 26	70 15 76 34(110)	31 31 67 67	14 70 34 76(249)			
78.7 13.9	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)			
85.3 13.0	69 69 28 28	86 41 50 15(40)	83 13 75 22	75 8 80 30(108)	27 27 69 69	8 74 30 80(251)			
91.9 11.5	68 68 27 27	86 41 49 15(40)	83 12 75 21	75 7 80 29(108)	26 26 69 69	7 74 29 81(251)			
98.4 10.1	69 69 26 26	87 40 49 13(40)	83 11 75 20	75 6 81 28(108)	25 25 69 69	6 74 29 81(251)			
105.0 8.8	68 68 26 26	87 40 49 13(40)	83 10 75 20	75 5 81 28(108)	25 25 69 69	5 74 28 81(251)			
111.5 7.7	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)			
118.1 6.8	68 68 25 25	88 38 49 11(41)	84 8 76 19	74 3 81 27(109)	24 24 69 69	3 74 28 82(250)			
124.7 6.2	69 69 24 24	88 38 49 10(41)	84 7 76 17	75 2 82 26(109)	23 23 70 70	2 74 27 82(250)			

HA= 82.3 HI= 55.8 GGW= 48.7 SL= 0.0 MAX(A,B,C,D)= 8.2 6.9 7.6 7.7

 Main boom and fixed jib (jib angle 0.0 degrees)
 Length of main boom = 84.0 ft Length of jib = 55.8 ft
 Main boom sequence = 0-0-0-0-45-100 % LK = 21
 Counterweight = 48.7 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip] (Pos.[Degrees]) 0-360 Degr.																										
		1(0)				2(...)				3(90)				4(...)				5(180)				6(...)						
		A	B	C	D	A	B	C	D	A	B	C	D	A	B	C	D	A	B	C	D							
19.7	26.2	47	47	56	56	42	56	49	59	(59)	44	59	45	57	48	61	44	53	(128)	56	56	47	47	61	48	53	44	(232)
23.0	25.8	49	49	54	54	47	54	50	55	(59)	47	56	48	54	50	56	47	52	(128)	54	54	49	49	56	50	52	47	(232)
26.2	25.1	51	51	52	52	50	52	51	52	(59)	50	52	50	52	51	52	50	50	(127)	52	52	50	50	52	51	51	50	(232)
29.5	24.7	52	52	50	50	54	50	52	49	(59)	53	49	53	49	52	48	53	50	(128)	50	50	52	52	48	52	50	53	(232)
32.8	24.0	54	54	48	48	57	48	53	46	(59)	56	45	55	47	53	45	56	50	(128)	48	48	54	54	45	53	50	56	(232)
39.4	22.0	56	56	44	44	62	45	54	41	(59)	61	40	58	43	61	40	58	43	(90)	44	44	56	56	40	61	43	58	(270)
45.9	20.1	58	58	41	41	62	54	45	39	(15)	64	35	61	39	64	35	61	39	(90)	41	41	58	58	35	64	39	61	(270)
52.5	17.9	60	60	39	39	65	52	45	35	(24)	66	32	63	36	65	31	65	38	(96)	39	39	60	60	31	65	38	64	(263)
59.1	16.3	61	61	37	37	70	49	46	31	(30)	69	28	65	34	67	26	66	36	(101)	36	36	61	61	26	66	36	67	(258)
65.6	15.0	62	62	35	35	73	47	47	27	(34)	72	25	67	31	67	22	67	35	(105)	34	34	63	63	22	67	35	70	(254)
72.2	13.4	63	63	33	33	75	45	48	25	(36)	74	22	68	29	68	19	67	35	(107)	33	33	64	64	19	67	35	72	(252)
78.7	12.1	64	64	32	32	77	43	48	22	(38)	75	20	69	27	69	16	68	34	(108)	31	31	65	65	16	68	34	73	(251)
85.3	11.5	66	66	30	30	80	43	48	19	(37)	78	17	71	25	70	12	69	33	(110)	29	29	66	66	12	69	33	77	(249)
91.9	10.6	67	67	28	28	83	41	49	17	(39)	80	14	73	23	73	10	72	30	(107)	27	27	67	67	10	72	30	78	(252)
98.4	9.7	67	67	27	27	85	40	49	15	(40)	82	12	74	21	74	7	73	29	(108)	26	26	69	69	7	73	29	80	(251)
105.0	8.8	68	68	26	26	86	40	49	13	(40)	83	10	75	20	75	5	74	28	(108)	25	25	69	69	5	74	28	81	(251)
111.5	7.7	68	68	25	25	87	39	49	13	(40)	83	9	75	19	74	4	74	28	(108)	24	24	69	69	4	74	28	81	(251)
118.1	6.8	68	68	25	25	87	38	49	11	(41)	83	9	76	19	74	3	73	28	(109)	24	24	69	69	3	73	28	82	(250)
124.7	6.2	69	69	24	24	88	38	49	10	(41)	84	7	76	18	75	2	74	27	(109)	23	23	70	70	2	74	27	82	(250)

 HA= 84.0 HI= 55.8 GGW= 48.7 SL= 0.0 MAX(A,B,C,D)= 8.2 6.9 7.6 7.7

Main boom and fixed jib (jib angle 0.0 degrees)
 Length of main boom = 96.5 ft Length of jib = 55.8 ft
 Main boom sequence = 0-0-0-0-90-90 % LK = 28

Counterweight = 48.7 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
	1(0)		2(...)		3(90)		6(...)						
A	B	C	D	A	B	C	D	A	B	C	D		
23.0	24.5	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)
26.2	24.0	50	50	52	52	49	52	50	52(59)	49	52	50	52
		50	53	49	51(127)	52	52	50	50	53	50	51	49(232)
29.5	23.6	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)
32.8	23.1	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)
39.4	22.3	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)
45.9	20.9	60	60	41	41	65	53	46	37(21)	66	34	62	38
		65	34	63	39(93)	41	41	60	60	33	65	39	63(266)
52.5	19.8	62	62	37	37	71	50	47	31(31)	71	29	66	34
		68	27	68	37(102)	37	37	62	62	26	67	37	68(257)
59.1	18.7	65	65	35	35	77	47	49	26(36)	75	24	69	30
		69	21	73	35(107)	34	34	65	65	21	69	36	73(252)
65.6	17.4	66	66	32	32	81	44	50	22(39)	78	20	72	27
		71	16	76	34(109)	32	32	67	67	16	70	35	76(250)
72.2	16.3	68	68	30	30	84	44	49	19(38)	81	16	74	24
		72	11	79	33(111)	29	29	69	69	11	72	34	80(248)
78.7	15.0	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)
85.3	13.0	69	69	27	27	87	41	50	15(40)	83	12	76	21
		75	7	81	29(108)	27	27	70	70	7	75	30	81(251)
91.9	11.2	69	69	27	27	86	41	49	14(40)	83	12	75	21
		75	7	80	29(108)	26	26	69	69	7	74	29	81(251)
98.4	9.9	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)
105.0	8.6	68	68	26	26	87	40	49	13(40)	83	10	75	20
		75	5	81	28(108)	25	25	69	69	5	74	28	81(251)
111.5	7.5	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)
118.1	6.6	68	68	24	24	88	38	49	11(41)	84	8	76	18
		74	3	82	27(109)	23	23	69	69	3	74	28	82(250)
124.7	5.7	68	68	24	24	88	38	49	11(41)	84	7	76	18
		74	2	82	27(109)	23	23	70	70	2	74	27	82(250)
131.2	5.1	69	69	23	23	89	37	49	10(41)	84	6	77	17
		75	1	82	26(109)	22	22	70	70	1	74	27	83(250)
137.8	4.4	69	69	23	23	89	36	49	9(42)	85	6	77	16
		74	0	83	26(110)	22	22	70	70	0	74	27	83(249)

HA= 96.5 HI= 55.8 GGW= 48.7 SL= 0.0 MAX(A,B,C,D)= 8.3 6.9 7.7 7.7

Main boom and fixed jib (jib angle 0.0 degrees)

Length of main boom = 100.4 ft Length of jib = 55.8 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(...)				5(180)				6(...)						
A	B	C	D	A	B	C	D	A	B	C	D				
23.0	23.8	48	48	54	54	45	54	49	56(59)	45	56	47	55		
		49	57	46	52(128)	54	54	48	48	57	49	52	46(232)		
26.2	23.4	49	49	52	52	48	52	50	53(59)	49	53	49	52		
		50	53	49	51(128)	52	52	49	49	53	50	51	49(232)		
29.5	23.1	51	51	50	50	52	50	51	49(59)	52	49	52	50		
		51	49	52	50(127)	50	50	51	51	49	51	50	52(232)		
32.8	22.7	53	53	48	48	56	48	52	46(59)	55	46	54	47		
		52	45	55	50(128)	48	48	53	53	45	52	50	55(232)		
39.4	21.6	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)		
45.9	20.3	59	59	41	41	63	54	45	38(18)	65	35	62	39		
		65	35	62	39(91)	41	41	59	59	34	65	39	62(268)		
52.5	18.5	61	61	38	38	68	51	46	33(27)	68	30	64	35		
		66	29	66	37(99)	38	38	61	61	29	66	37	66(260)		
59.1	17.0	62	62	36	36	72	48	47	29(32)	71	27	66	32		
		67	24	69	36(104)	36	36	63	63	24	67	36	69(255)		
65.6	15.7	64	64	34	34	76	46	48	25(36)	74	23	69	30		
		69	20	72	35(107)	33	33	64	64	20	68	35	72(252)		
72.2	14.6	65	65	32	32	80	43	49	22(39)	77	19	71	27		
		70	15	75	34(109)	31	31	66	66	15	69	34	75(250)		
78.7	13.2	66	66	30	30	81	43	49	19(38)	79	17	72	25		
		71	12	77	33(110)	29	29	67	67	12	70	33	77(249)		
85.3	12.1	67	67	28	28	84	42	49	17(39)	81	14	74	23		
		71	9	79	32(112)	28	28	68	68	9	70	33	79(247)		
91.9	11.0	68	68	27	27	86	41	49	15(40)	82	12	75	21		
		74	7	80	29(108)	26	26	69	69	7	74	30	80(251)		
98.4	9.9	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)		
105.0	8.6	68	68	26	26	87	40	49	13(40)	83	10	75	20		
		75	5	81	28(108)	25	25	69	69	5	74	28	81(251)		
111.5	7.5	68	68	25	25	87	39	49	12(41)	83	9	76	19		
		74	4	81	28(109)	24	24	69	69	4	73	28	81(250)		
118.1	6.6	68	68	24	24	88	38	49	11(41)	84	8	76	18		
		74	3	82	27(109)	23	23	70	70	3	74	28	82(250)		
124.7	5.7	68	68	24	24	88	38	49	11(41)	84	7	76	18		
		74	2	82	27(109)	23	23	70	70	2	74	27	82(250)		
131.2	5.1	69	69	23	23	89	37	49	10(41)	85	6	77	17		
		75	1	82	26(109)	22	22	70	70	1	74	27	83(250)		
137.8	4.4	69	69	23	23	89	36	49	9(42)	85	6	77	16		
		74	0	83	26(110)	22	22	70	70	0	74	26	84(249)		

HA=100.4 HI= 55.8 GGW= 48.7 SL= 0.0 MAX(A,B,C,D)= 8.3 6.9 7.7 7.8

Main boom and fixed jib (jib angle 0.0 degrees)
Length of main boom = 110.2 ft Length of jib = 55.8 ft
Main boom sequence = 0-0-0-45-90-90 % LK = 36
Counterweight = 48.7 kip

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

	4(...)				5(180)				6(...)				
	A	B	C	D	A	B	C	D	A	B	C	D	
26.2	22.5	49	49	52	52	48	52	50	53(59)	48	53	49	52
		50	53	48	51(128)	52	52	49	49	53	50	51	48(232)
29.5	22.3	51	51	50	50	52	50	51	49(59)	52	49	51	50
		51	49	52	50(127)	50	50	51	51	49	51	50	52(232)
32.8	21.8	53	53	48	48	55	48	52	46(59)	54	46	54	47
		52	45	54	49(128)	48	48	53	53	45	52	49	54(232)
39.4	20.9	56	56	44	44	62	45	54	40(59)	60	40	58	43
		60	40	58	43(90)	44	44	56	56	40	60	43	58(270)
45.9	20.3	59	59	41	41	65	53	45	37(21)	66	34	62	38
		65	33	63	38(93)	40	40	60	60	33	65	39	63(266)
52.5	19.0	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	68(258)
59.1	17.6	64	64	35	35	75	47	48	27(35)	74	24	68	31
		69	21	72	35(106)	34	34	64	64	21	68	36	72(253)
65.6	16.3	65	65	32	32	79	45	49	23(38)	77	21	71	28
		70	17	75	34(109)	32	32	66	66	17	69	35	75(250)
72.2	15.2	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)
78.7	14.1	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)
85.3	12.3	69	69	27	27	87	41	50	15(40)	83	12	75	21
		75	7	80	29(108)	26	26	69	69	7	74	30	81(251)
91.9	10.8	69	69	26	26	87	40	49	14(40)	83	11	76	20
		75	6	81	28(108)	26	26	69	69	6	74	29	81(251)
98.4	9.3	68	68	26	26	87	40	49	13(40)	83	10	75	20
		75	6	81	28(108)	25	25	69	69	5	74	28	81(251)
105.0	8.2	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)
111.5	7.1	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)
118.1	6.2	69	69	24	24	88	38	49	10(41)	84	7	76	18
		75	2	82	27(109)	23	23	70	70	2	74	27	82(250)
124.7	5.3	69	69	24	24	89	37	49	10(41)	85	7	77	17
		75	1	82	26(109)	22	22	70	70	1	74	27	83(250)
131.2	4.4	69	69	23	23	88	37	49	9(41)	84	6	76	17
		75	1	82	26(109)	22	22	70	70	1	74	26	82(250)
137.8	3.7	69	69	23	23	89	36	49	9(42)	85	6	77	16
		74	0	83	26(110)	21	21	70	70	0	73	26	84(249)
144.4	3.1	69	69	22	22	89	36	49	8(42)	85	5	77	16
		73	0	84	25(110)	21	21	70	70	0	73	25	84(249)
150.9	2.4	69	69	22	22	89	36	49	8(42)	85	5	77	16
		73	0	84	25(110)	21	21	70	70	0	72	25	84(249)

HA=114.5 HI= 55.8 GGW= 48.7 SL= 0.0 MAX(A,B,C,D)= 8.3 6.9 7.8 7.8

Main boom and fixed jib (jib angle 0.0 degrees)
Length of main boom = 124.3 ft Length of jib = 55.8 ft
Main boom sequence = 0-0-0-90-90-90 % LK = 45
Counterweight = 48.7 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	21.6	51	51	50	50	52	50	51	49(59)	51	49	51	50
		51	49	51	50(127)	50	50	51	51	49	51	50	51(232)
32.8	21.4	53	53	48	48	55	48	52	46(59)	55	46	54	47
		52	45	54	49(128)	48	48	53	53	45	52	49	54(232)
39.4	20.7	56	56	44	44	62	44	54	40(59)	61	39	58	42
		61	39	58	42(90)	44	44	56	56	39	61	42	58(270)
45.9	19.8	60	60	40	40	65	53	45	37(21)	66	34	62	37
		65	33	63	38(94)	40	40	60	60	33	65	38	63(265)
52.5	19.2	63	63	37	37	72	49	48	30(32)	71	28	67	33
		68	25	69	36(103)	37	37	63	63	25	68	37	69(256)
59.1	18.3	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)
65.6	17.6	68	68	30	30	84	44	49	20(38)	81	17	74	25
		72	13	79	34(111)	30	30	69	69	12	72	34	79(248)
72.2	16.3	70	70	28	28	88	42	50	16(40)	84	13	76	22
		76	9	81	30(108)	28	28	70	70	9	75	31	82(251)
78.7	13.9	69	69	28	28	87	41	50	15(40)	84	13	76	22
		75	8	81	30(108)	27	27	70	70	8	75	30	81(251)
85.3	11.9	69	69	27	27	87	41	49	14(40)	83	12	76	21
		75	7	81	29(108)	26	26	70	70	7	75	29	81(251)
91.9	10.4	69	69	26	26	87	40	49	13(40)	84	10	76	20
		75	6	81	28(108)	25	25	70	70	5	75	29	81(251)
98.4	8.8	69	69	26	26	87	40	49	13(40)	83	10	76	20
		75	5	81	28(108)	25	25	69	69	5	74	28	81(251)
105.0	7.7	69	69	25	25	88	38	49	11(41)	84	9	76	19
		75	3	82	28(109)	24	24	70	70	3	74	28	82(250)
111.5	6.6	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)
118.1	5.7	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)
124.7	4.9	69	69	23	23	89	36	49	9(42)	85	6	77	17
		75	0	83	26(110)	22	22	70	70	0	74	27	83(249)
131.2	4.0	69	69	23	23	89	36	49	9(42)	85	6	77	16
		74	0	83	26(110)	22	22	70	70	0	73	26	83(249)
137.8	3.1	68	68	23	23	88	37	48	9(41)	84	6	76	16
		75	0	82	26(109)	22	22	70	70	0	74	26	82(250)
144.4	2.4	68	68	22	22	89	36	49	8(42)	84	5	76	16
		73	0	83	25(110)	21	21	70	70	0	73	26	84(249)

HA=124.3 HI= 55.8 GGW= 48.7 SL= 0.0 MAX(A,B,C,D)= 8.3 7.0 7.7 7.8

Main boom and fixed jib (jib angle 0.0 degrees)
Length of main boom = 130.9 ft Length of jib = 55.8 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)	4(...)									
	A	B	C	D									
32.8	20.3	52	52	48	48	54	48	51	47(59)	53	47	53	47
		51	46	53	49(128)	48	48	52	52	46	51	49	53(232)

39.4	19.8	56	56	44	44	61	45	53	41(59)	60	40	57	43
		60	40	57	43(90)	44	44	56	56	40	60	43	57(270)
45.9	19.2	59	59	41	41	63	53	45	37(19)	65	34	62	38
		65	34	62	38(92)	40	40	59	59	34	65	39	62(267)
52.5	18.5	62	62	37	37	71	49	47	31(31)	70	28	66	34
		67	26	68	37(102)	37	37	62	62	26	67	37	68(257)
59.1	17.4	64	64	34	34	76	46	49	26(36)	75	24	69	30
		69	20	73	35(107)	34	34	65	65	20	69	36	73(252)
65.6	16.5	67	67	32	32	82	44	50	21(39)	79	19	72	26
		71	15	77	34(110)	31	31	67	67	15	70	34	77(249)
72.2	15.4	68	68	29	29	85	43	50	17(39)	82	15	75	23
		72	10	80	33(112)	28	28	69	69	10	72	33	80(247)
78.7	13.9	69	69	28	28	87	41	50	15(40)	84	12	76	21
		75	7	81	29(108)	27	27	70	70	7	75	30	81(251)
85.3	11.9	69	69	27	27	87	41	49	14(40)	84	11	76	21
		75	7	81	29(108)	26	26	70	70	6	75	29	81(251)
91.9	10.4	69	69	26	26	88	40	49	13(40)	84	10	76	20
		75	5	81	28(108)	25	25	70	70	5	75	28	82(251)
98.4	8.8	69	69	26	26	88	39	49	12(41)	84	9	76	19
		75	4	81	28(109)	24	24	70	70	4	74	29	82(250)
105.0	7.7	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)
111.5	6.6	69	69	24	24	88	38	49	11(41)	84	7	77	18
		75	2	82	27(109)	23	23	70	70	2	74	27	82(250)
118.1	5.5	69	69	24	24	88	38	49	10(41)	84	7	76	17
		75	2	82	26(109)	23	23	70	70	2	74	27	82(250)
124.7	4.6	69	69	23	23	88	37	49	10(41)	84	6	76	17
		75	1	82	26(109)	22	22	70	70	1	74	27	82(250)
131.2	3.7	68	68	23	23	88	37	49	9(41)	84	6	76	17
		75	1	82	26(109)	22	22	70	70	0	74	26	82(250)
137.8	3.1	69	69	23	23	89	36	49	9(42)	85	5	77	16
		74	0	83	26(110)	21	21	70	70	0	73	26	84(249)
144.4	2.4	69	69	22	22	89	36	49	8(42)	85	5	77	16
		73	0	84	25(110)	21	21	70	70	0	72	25	84(249)

HA=130.9 HI= 55.8 GGW= 48.7 SL= 0.0 MAX(A,B,C,D)= 8.3 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 = 55.8 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					
32.8	20.5	53	53	47	47	55	47	52	46(59)	54	45	54	47
		52	45	54	49(128)	47	47	53	53	45	52	49	54(232)
39.4	20.1	56	56	43	43	63	44	54	39(59)	61	39	58	42
		61	39	58	42(90)	43	43	57	57	39	61	42	58(270)
45.9	19.4	60	60	40	40	65	52	46	35(23)	67	33	63	37
		66	32	64	38(95)	39	39	60	60	32	65	38	64(264)
52.5	18.7	63	63	36	36	73	49	48	29(33)	72	27	67	32
		68	24	70	36(104)	36	36	63	63	24	68	37	70(255)

59.1	18.1	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)
65.6	17.4	69	69	30	30	86	43	50	18(39)	82	16	75	24
		73	11	80	33(112)	29	29	69	69	11	72	34	81(247)
72.2	15.7	70	70	28	28	88	42	50	15(40)	84	13	77	22
		76	8	82	30(108)	27	27	70	70	8	76	30	82(251)
78.7	13.2	69	69	27	27	88	41	50	14(40)	84	12	76	21
		76	7	81	29(108)	26	26	70	70	7	75	30	82(251)
85.3	11.2	69	69	26	26	87	41	49	14(40)	84	11	76	20
		75	6	81	28(108)	26	26	70	70	6	75	29	81(251)
91.9	9.7	69	69	26	26	88	39	50	12(41)	84	9	76	19
		75	4	82	28(109)	25	25	70	70	4	74	29	82(250)
98.4	8.2	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)
105.0	7.1	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)
111.5	6.0	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)
118.1	4.9	69	69	23	23	89	37	49	10(41)	85	6	77	17
		75	1	82	26(109)	22	22	70	70	1	74	27	83(250)
124.7	4.0	69	69	23	23	89	36	49	9(42)	85	6	77	16
		74	0	83	26(110)	22	22	70	70	0	74	27	83(249)
131.2	3.1	69	69	23	23	89	36	49	9(42)	85	5	77	16
		74	0	83	26(110)	21	21	70	70	0	73	26	84(249)
137.8	2.2	68	68	23	23	88	36	49	9(42)	84	5	76	16
		73	0	83	26(110)	21	21	70	70	0	73	26	83(249)

 HA=138.1 HI= 55.8 GGW= 48.7 SL= 0.0 MAX(A,B,C,D)= 8.3 7.0 7.7 7.8

Main boom and fixed jib (jib angle 0.0 degrees)

Length of main boom = 145.0 ft Length of jib = 55.8 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)		6(...)						
	A	B	C	D	A	B	C	D					
39.4	19.0	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)
45.9	18.5	59	59	40	40	64	53	45	37(20)	65	34	62	38
		65	33	62	38(93)	40	40	59	59	33	65	38	62(266)
52.5	17.9	62	62	37	37	71	49	47	30(31)	71	28	66	33
		67	26	68	36(102)	36	36	62	62	26	67	37	68(257)
59.1	17.4	65	65	33	33	78	46	49	24(37)	76	22	70	29
		70	18	74	35(108)	33	33	65	65	18	69	35	74(251)
65.6	16.5	68	68	30	30	83	44	49	20(38)	80	17	73	25
		72	12	78	34(111)	30	30	68	68	12	71	34	79(248)
72.2	15.7	70	70	28	28	88	42	50	15(40)	84	13	77	22
		76	8	82	30(108)	27	27	71	71	7	76	30	82(251)
78.7	13.2	69	69	27	27	88	41	50	14(40)	84	12	76	21
		76	7	81	29(108)	26	26	70	70	7	75	30	82(251)
85.3	11.2	69	69	26	26	88	41	49	13(40)	84	11	76	20
		75	6	81	28(108)	26	26	70	70	6	75	29	82(251)

91.9	9.5	69	69	26	26	87	40	49	13(40)	84	10	76	20
	75	5	81	28(108)		25	25	70	70	5	75	28	81(251)
98.4	8.2	69	69	25	25	88	39	49	12(41)	84	9	76	19
	75	4	82	28(109)		24	24	70	70	3	74	28	82(250)
105.0	7.1	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)
111.5	6.0	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)
118.1	4.9	69	69	23	23	89	37	49	9(41)	85	6	77	17
	75	1	83	26(109)		22	22	70	70	0	74	27	83(250)
124.7	3.7	68	68	23	23	88	37	49	9(41)	84	6	76	17
	75	1	82	26(109)		22	22	70	70	1	74	26	82(250)
131.2	3.1	69	69	22	22	89	36	49	8(42)	85	5	77	16
	74	0	84	25(110)		21	21	70	70	0	73	26	84(249)

HA=145.0 HI= 55.8 GGW= 48.7 SL= 0.0 MAX(A,B,C,D)= 8.3 7.0 7.8 7.8

Main boom and fixed jib (jib angle 0.0 degrees)

Length of main boom = 152.2 ft Length of jib = 55.8 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)		6(...)					
		4(...)		5(180)		6(...)							
		A	B	C	D	A	B	C	D	A	B	C	D
39.4	19.0	56	56	43	43	62	44	54	39(59)	60	39	58	42
	60	39	58	42(90)		43	43	56	56	39	60	42	58(270)
45.9	18.5	60	60	40	40	65	52	45	35(23)	66	32	63	37
	65	32	63	38(95)		39	39	60	60	32	65	38	63(264)
52.5	17.9	63	63	36	36	73	48	48	29(33)	72	26	67	32
	68	24	69	36(104)		36	36	63	63	24	68	36	70(255)
59.1	17.4	66	66	33	33	80	45	49	23(38)	78	21	71	28
	71	17	75	34(109)		32	32	66	66	17	70	35	76(250)
65.6	16.8	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)
72.2	14.8	70	70	28	28	88	42	50	15(40)	84	13	76	22
	76	8	81	30(108)		27	27	70	70	8	75	30	82(251)
78.7	12.6	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)
85.3	10.6	69	69	26	26	88	39	50	13(41)	84	10	76	20
	75	5	82	29(109)		25	25	70	70	5	74	29	82(250)
91.9	9.0	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)
98.4	7.5	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)
105.0	6.4	69	69	24	24	89	38	49	10(41)	85	7	77	17
	75	2	83	26(109)		23	23	70	70	2	75	27	83(250)
111.5	5.3	69	69	23	23	90	37	49	9(42)	85	6	77	17
	75	0	83	27(110)		22	22	70	70	0	74	27	83(249)
118.1	4.2	69	69	23	23	89	36	49	9(42)	85	6	77	16
	75	0	83	26(110)		22	22	70	70	0	74	27	83(249)
124.7	3.1	68	68	23	23	88	37	48	9(41)	84	6	76	17
	75	0	82	26(109)		22	22	70	70	0	74	26	82(250)

131.2 2.2 68 68 23 23 88 37 48 9(41) 84 5 76 16
 74 0 82 25(109) 21 21 69 69 0 73 26 83(250)

HA=152.2 HI= 55.8 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 = 161.4 ft Length of jib = 55.8 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(...)								
	A	B	C	D	A	B	C	D	A	B	C	D	
45.9	17.4	58	58	40	40	63	52	45	37(20)	65	34	61	37
		64	33	62	38(92)	40	40	59	59	33	64	38	62(267)
52.5	17.0	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)
59.1	16.5	65	65	33	33	78	45	49	24(37)	76	22	70	29
		70	18	74	35(108)	33	33	65	65	18	69	35	74(251)
65.6	16.1	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)
72.2	14.1	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)
78.7	12.1	69	69	27	27	87	41	50	15(40)	83	12	76	21
		75	7	81	29(108)	26	26	70	70	7	75	30	81(251)
85.3	10.1	69	69	26	26	87	40	49	14(40)	83	11	75	20
		75	6	81	28(108)	26	26	69	69	6	74	29	81(251)
91.9	8.6	69	69	26	26	87	39	49	13(41)	84	10	76	19
		74	5	81	28(109)	25	25	69	69	4	74	29	82(250)
98.4	7.3	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)
105.0	6.0	68	68	24	24	88	38	49	11(41)	84	8	76	18
		74	2	82	27(109)	23	23	70	70	2	74	28	82(250)
111.5	4.9	68	68	24	24	88	37	49	10(41)	84	7	76	17
		75	2	82	26(109)	22	22	70	70	2	74	27	82(250)
118.1	4.0	69	69	23	23	89	37	49	9(41)	85	6	77	17
		75	0	82	26(109)	22	22	70	70	0	74	26	83(250)
124.7	3.1	69	69	23	23	89	36	49	8(42)	85	5	77	16
		74	0	84	25(110)	21	21	70	70	0	73	26	84(249)

HA=161.4 HI= 55.8 GGW= 48.7 SL= 0.0 MAX(A,B,C,D)= 8.3 6.9 7.8 7.8

Main boom and fixed jib (jib angle 0.0 degrees)

Length of main boom = 166.0 ft Length of jib = 55.8 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	
45.9	17.9	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)

52.5	17.4	63	63	35	35	74	48	48	28(34)	73	25	68	31
		68	22	71	36(105)	35	35	64	64	22	68	36	71(254)
59.1	17.0	67	67	32	32	81	44	50	21(39)	79	19	72	27
		71	15	77	34(110)	31	31	67	67	15	70	35	77(249)
65.6	15.4	68	68	29	29	85	43	50	18(39)	82	15	74	24
		72	10	80	33(112)	29	29	69	69	10	71	34	80(247)
72.2	13.0	68	68	28	28	85	42	49	16(39)	82	13	75	22
		75	9	80	30(107)	27	27	69	69	9	74	30	80(252)
78.7	10.8	68	68	27	27	86	41	49	15(40)	82	12	75	21
		74	7	80	29(108)	26	26	69	69	7	73	30	80(251)
85.3	9.0	68	68	26	26	86	40	49	14(40)	82	11	75	21
		74	6	80	28(108)	25	25	69	69	6	74	29	80(251)
91.9	7.5	68	68	26	26	86	39	49	13(40)	83	10	75	20
		74	5	80	28(108)	24	24	69	69	5	74	28	81(251)
98.4	6.0	68	68	25	25	86	39	48	12(40)	82	9	75	19
		74	4	80	27(108)	24	24	69	69	4	73	28	80(251)
105.0	4.9	68	68	24	24	87	38	49	11(41)	83	8	75	18
		74	3	81	27(109)	23	23	69	69	3	73	28	81(250)
111.5	3.7	68	68	24	24	87	37	49	10(41)	83	7	75	18
		74	2	81	26(109)	22	22	69	69	2	73	27	81(250)
118.1	2.9	68	68	23	23	88	37	48	9(41)	84	6	76	17
		74	1	82	26(109)	22	22	69	69	1	73	26	82(250)

 HA=166.0 HI= 55.8 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 = 175.5 ft Length of jib = 55.8 ft
 Main boom sequence = 0-45-100-100-100-100 % LK = 69
 Counterweight = 48.7 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.			
		1(0)		2(...)		3(90)		6(...)					
		4(...)		5(180)		6(...)							
		A	B	C	D	A	B	C	D	A	B	C	D
45.9	16.8	59	59	40	40	64	52	45	36(21)	65	33	62	37
		64	32	62	38(94)	39	39	59	59	32	64	38	63(265)
52.5	16.3	62	62	36	36	72	48	47	29(32)	71	27	66	32
		67	24	69	36(103)	35	35	62	62	24	67	36	69(256)
59.1	15.9	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)
65.6	15.0	68	68	30	30	84	43	50	18(39)	81	16	74	24
		72	11	79	33(111)	29	29	68	68	11	71	33	79(248)
72.2	12.6	68	68	28	28	84	42	49	17(39)	81	14	74	23
		74	10	79	30(107)	28	28	68	68	9	73	30	79(252)
78.7	10.4	67	67	28	28	84	41	49	16(39)	81	13	74	22
		74	9	79	29(107)	27	27	68	68	8	73	30	79(252)
85.3	8.6	67	67	27	27	85	40	49	15(40)	81	12	74	21
		73	7	79	29(108)	26	26	68	68	7	73	29	79(251)
91.9	7.1	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)
98.4	5.7	67	67	25	25	86	39	48	13(40)	82	9	75	19
		74	5	80	27(108)	24	24	69	69	4	73	28	80(251)
105.0	4.4	67	67	25	25	85	39	48	12(40)	82	9	75	19
		73	4	80	27(108)	24	24	68	68	4	73	27	80(251)

111.5 3.5 67 67 24 24 87 37 48 11(41) 83 7 75 18
 73 2 81 27(109) 23 23 69 69 2 73 27 81(250)
 118.1 2.4 67 67 24 24 86 37 48 11(41) 82 7 75 18
 73 2 80 26(109) 22 22 69 69 2 73 27 81(250)

 HA=175.5 HI= 55.8 GGW= 48.7 SL= 0.0 MAX(A,B,C,D)= 8.0 6.8 7.5 7.5

Main boom and fixed jib (jib angle 0.0 degrees)
 Length of main boom = 180.1 ft Length of jib = 55.8 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	A	B	C	D	
45.9	17.0	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)	
52.5	16.8	63	63	35	35	75	47	48	27(35)	73	24	68	31	
		68	21	71	35(106)	34	34	64	64	21	68	36	71(253)	
59.1	16.3	67	67	31	31	82	43	50	21(40)	79	18	72	26	
		71	14	77	34(110)	31	31	67	67	14	71	34	77(249)	
65.6	13.7	67	67	30	30	82	43	49	19(38)	80	16	73	24	
		71	11	78	33(111)	29	29	68	68	11	70	33	78(248)	
72.2	11.2	67	67	29	29	83	42	49	17(39)	80	15	73	23	
		71	10	78	32(111)	28	28	67	67	10	70	32	78(248)	
78.7	9.3	67	67	28	28	84	41	48	16(39)	80	13	73	22	
		73	9	78	29(107)	27	27	68	68	9	73	30	78(252)	
85.3	7.5	67	67	27	27	84	41	48	15(39)	81	12	73	21	
		73	7	78	28(107)	26	26	68	68	7	73	29	78(252)	
91.9	6.0	67	67	26	26	84	39	48	14(40)	81	11	74	20	
		73	6	79	28(108)	25	25	68	68	6	72	29	79(251)	
98.4	4.6	67	67	26	26	85	39	48	13(40)	81	10	74	20	
		73	5	79	27(108)	24	24	68	68	5	72	28	79(251)	
105.0	3.5	67	67	25	25	85	38	48	12(40)	82	9	74	19	
		73	4	80	27(108)	23	23	68	68	4	73	27	80(251)	
111.5	2.4	67	67	24	24	85	38	47	11(40)	82	8	74	18	
		73	3	80	26(108)	23	23	68	68	3	73	27	80(251)	

 HA=180.1 HI= 55.8 GGW= 48.7 SL= 0.0 MAX(A,B,C,D)= 7.9 6.7 7.4 7.4

Main boom and fixed jib (jib angle 0.0 degrees)
 Length of main boom = 191.9 ft Length of jib = 55.8 ft
 Main boom sequence = 0-100-100-100-100-100 % LK = 74
 Counterweight = 48.7 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]								(Pos.[Degrees])				0-360 Degr.
		1(0)		2(...)				3(90)		6(...)				
		A	B	C	D	A	B	C	D	A	B	C	D	
52.5	15.2	62	62	36	36	72	48	47	29(32)	71	26	66	32	
		67	24	69	36(104)	35	35	62	62	24	67	36	69(255)	
59.1	15.0	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)	

65.6	13.0	66	66	30	30	81	43	49	19(38)	79	17	72	25
		71	13	77	33(110)	30	30	67	67	12	70	33	77(249)
72.2	10.6	66	66	29	29	82	43	48	18(38)	79	15	72	24
		70	11	77	32(111)	28	28	67	67	11	69	33	77(248)
78.7	8.6	66	66	28	28	82	42	48	17(38)	79	14	72	23
		73	10	77	29(106)	27	27	67	67	10	72	30	77(253)
85.3	7.1	66	66	27	27	83	41	48	15(39)	80	12	73	22
		73	8	78	28(107)	26	26	67	67	8	72	29	78(252)
91.9	5.5	66	66	26	26	83	40	47	15(39)	80	11	73	21
		73	7	78	28(107)	25	25	67	67	7	72	28	78(252)
98.4	4.2	66	66	26	26	84	39	48	13(40)	80	10	73	20
		72	6	78	28(108)	24	24	67	67	6	72	28	78(251)
105.0	3.1	66	66	25	25	84	38	48	13(40)	81	9	74	19
		73	4	79	27(108)	24	24	68	68	4	72	28	79(251)

HA=191.9 HI= 55.8 GGW= 48.7 SL= 0.0 MAX(A,B,C,D)= 7.8 6.7 7.3 7.4

Main boom and fixed jib (jib angle 0.0 degrees)

Length of main boom = 193.9 ft Length of jib = 55.8 ft

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

Counterweight = 48.7 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.			
		1(0)		2(...)		3(90)		6(...)					
		4(...)		5(180)		6(...)							
		A	B	C	D	A	B	C	D	A	B	C	D
52.5	15.9	64	64	34	34	76	46	48	26(36)	74	24	68	30
		69	20	72	35(106)	34	34	64	64	20	68	35	72(253)
59.1	14.3	66	66	31	31	80	43	49	21(39)	77	19	71	26
		70	15	76	34(109)	31	31	66	66	15	70	34	76(250)
65.6	11.7	66	66	30	30	80	44	48	20(37)	78	17	71	25
		70	13	76	33(110)	29	29	66	66	13	69	33	77(249)
72.2	9.5	66	66	29	29	81	42	48	18(38)	78	15	72	24
		70	11	77	32(111)	28	28	67	67	10	69	32	77(248)
78.7	7.5	66	66	28	28	82	41	47	17(38)	79	14	72	22
		72	10	77	29(106)	27	27	67	67	9	72	29	77(253)
85.3	5.7	65	65	27	27	82	40	48	16(39)	79	13	72	22
		72	8	77	29(107)	26	26	67	67	8	71	29	77(252)
91.9	4.2	65	65	27	27	82	40	47	15(39)	79	12	72	21
		72	7	77	28(107)	25	25	67	67	7	71	28	77(252)
98.4	2.9	65	65	26	26	82	39	47	14(39)	79	11	72	20
		72	6	77	27(107)	25	25	67	67	6	71	28	77(252)

HA=193.9 HI= 55.8 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 = 205.7 ft Length of jib = 55.8 ft

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

Counterweight = 48.7 kip

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

52.5	13.4	61	61	36	36	70	48	46	29(31)	70	26	65	32
		66	24	67	35(103)	35	35	62	62	24	66	36	68(256)
59.1	13.4	65	65	32	32	78	44	49	22(38)	76	20	70	27
		69	16	74	34(109)	31	31	65	65	16	69	34	74(250)
65.6	11.0	65	65	31	31	80	42	49	20(39)	77	18	71	26
		69	13	75	33(110)	30	30	66	66	13	69	33	75(249)
72.2	8.8	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)
78.7	6.8	65	65	28	28	80	41	47	18(38)	77	15	71	23
		69	10	76	32(111)	28	28	66	66	10	68	32	76(248)
85.3	5.3	65	65	28	28	81	41	47	17(38)	78	13	72	22
		71	9	76	28(106)	26	26	66	66	9	71	29	76(253)
91.9	3.7	65	65	27	27	81	40	47	16(39)	78	12	72	21
		71	8	76	28(107)	26	26	66	66	8	71	29	77(252)
98.4	2.6	65	65	26	26	82	39	47	14(39)	79	11	72	20
		72	6	77	27(107)	25	25	67	67	6	71	28	77(252)

 HA=205.7 HI= 55.8 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 = 208.0 ft Length of jib = 55.8 ft
 Main boom sequence = 90-90-90-90-90-90 % LK = 78
 Counterweight = 48.7 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
	1(0)				2(...)								
	4(...)				5(180)				6(...)				
	A	B	C	D	A	B	C	D	A	B	C	D	
52.5	14.3	63	63	34	34	75	46	48	26(35)	73	24	68	30
		68	21	71	35(106)	34	34	63	63	20	67	35	71(253)
59.1	12.3	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)
65.6	9.7	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	75(250)
72.2	7.5	64	64	30	30	79	43	47	19(37)	76	16	70	24
		68	12	75	32(110)	28	28	65	65	12	68	32	75(249)
78.7	5.7	64	64	28	28	80	41	47	18(38)	77	15	71	23
		68	10	76	32(111)	27	27	65	65	10	68	32	76(248)
85.3	4.0	64	64	28	28	80	41	47	17(38)	77	14	71	22
		71	10	75	29(106)	26	26	65	65	9	70	29	75(253)
91.9	2.6	64	64	27	27	80	39	47	15(39)	78	12	71	21
		71	8	76	28(107)	26	26	66	66	8	70	29	76(252)

 HA=208.0 HI= 55.8 GGW= 48.7 SL= 0.0 MAX(A,B,C,D)= 7.5 6.5 7.0 7.1

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

59.1 11.5 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)
65.6 9.0 63 63 31 31 77 43 48 21(38) 75 19 69 26
68 15 74 33(109) 30 30 65 65 14 68 33 74(250)
72.2 6.8 63 63 30 30 78 41 48 20(39) 75 17 69 25
68 13 74 32(109) 29 29 65 65 13 68 32 74(250)
78.7 5.1 64 64 29 29 78 42 46 19(37) 76 15 70 24
68 11 75 31(110) 28 28 65 65 11 67 32 75(249)
85.3 3.3 63 63 28 28 78 41 46 18(37) 76 14 70 23
68 10 75 31(110) 27 27 65 65 10 67 31 75(249)

HA=222.4 HI= 55.8 GGW= 48.7 SL= 0.0 MAX(A,B,C,D)= 7.3 6.3 6.9 7.0

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

14.10.2003, 15:37:22

Eingabedatei: ilam.dat

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

Tabellendat.: /berechnung/tabellen/ac/ac200-1/serie_3/pc_tab/22137312_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 = 55.8 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)		6(...)						
	A	B	C	D	A	B	C	D					
29.5	21.2	46	46	54	54	43	54	48	56(59)	44	56	45	55
		47	57	44	52(128)	54	54	47	47	57	47	52	44(232)
32.8	20.3	48	48	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	18.5	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	17.2	52	52	46	46	55	46	51	44(59)	54	43	54	45
		51	43	55	48(128)	46	46	53	53	43	51	48	55(232)
52.5	16.1	54	54	43	43	60	43	52	40(59)	58	39	57	41
		58	39	57	41(90)	43	43	55	55	39	58	41	57(270)
59.1	15.0	57	57	41	41	60	53	43	38(14)	62	34	60	38
		62	34	60	38(90)	40	40	57	57	34	62	38	60(270)

65.6 14.1 59 59 38 38 66 50 45 33(26) 66 30 62 35
 64 29 64 36(98) 37 37 60 60 28 64 37 64(261)
 72.2 13.4 61 61 35 35 71 47 47 28(33) 70 25 66 31
 66 23 68 35(104) 34 34 62 62 23 66 35 69(255)
 78.7 13.0 64 64 32 32 77 44 49 23(38) 75 20 69 28
 69 17 73 34(108) 32 32 65 65 17 68 34 73(251)

 HA= 40.7 HI= 55.8 GGW= 48.7 SL= 0.0 MAX(A,B,C,D)= 7.2 6.3 6.8 6.8

Main boom and fixed jib (jib angle 20.0 degrees)

Length of main boom = 54.5 ft Length of jib = 55.8 ft

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

Counterweight = 48.7 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.			
		1(0)		2(...)		3(90)		6(...)					
		A	B	C	D	A	B	C	D	A	B	C	D
32.8	20.5	48	48	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	19.0	50	50	49	49	51	49	50	49(59)	50	48	50	49
		50	48	51	49(127)	49	49	50	50	48	50	49	51(232)
45.9	17.6	52	52	46	46	56	46	51	44(59)	55	43	54	45
		51	43	55	48(128)	46	46	53	53	43	51	48	55(232)
52.5	16.5	55	55	43	43	60	43	53	40(59)	59	39	57	42
		59	39	57	42(90)	43	43	55	55	39	59	42	57(270)
59.1	15.4	57	57	41	41	60	53	43	38(14)	62	34	60	38
		62	34	60	38(90)	40	40	57	57	34	62	38	60(270)
65.6	14.8	59	59	38	38	66	50	45	33(26)	67	30	63	35
		65	28	64	36(98)	37	37	60	60	28	65	37	64(261)
72.2	13.9	61	61	35	35	71	47	46	28(32)	70	26	65	32
		67	23	68	35(103)	35	35	62	62	23	66	35	68(256)
78.7	13.2	63	63	33	33	76	45	48	24(37)	74	22	69	28
		68	18	72	34(107)	32	32	64	64	18	68	34	72(252)
85.3	12.8	66	66	30	30	81	44	48	20(37)	78	17	72	25
		70	13	77	33(110)	29	29	67	67	13	70	33	77(249)
91.9	12.1	68	68	28	28	85	42	49	16(39)	82	13	75	22
		74	9	79	29(107)	27	27	69	69	8	74	30	79(252)

 HA= 54.5 HI= 55.8 GGW= 48.7 SL= 0.0 MAX(A,B,C,D)= 7.9 6.9 7.4 7.4

Main boom and fixed jib (jib angle 20.0 degrees)

Length of main boom = 68.6 ft Length of jib = 55.8 ft

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

Counterweight = 48.7 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.			
		1(0)		2(...)		3(90)		6(...)					
		A	B	C	D	A	B	C	D	A	B	C	D
39.4	18.7	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	17.6	52	52	46	46	55	46	51	44(59)	54	44	54	45
		51	43	55	48(128)	46	46	53	53	43	51	48	55(232)

52.5	16.5	54	54	43	43	60	43	52	40(59)	58	39	57	42
		58	39	57	42(90)	43	43	55	55	39	58	42	57(270)
59.1	15.4	56	56	41	41	59	54	43	39(12)	62	35	59	39
		62	35	59	39(90)	40	40	57	57	35	62	39	59(270)
65.6	14.3	58	58	39	39	64	51	45	34(23)	65	31	62	36
		64	30	63	37(95)	38	38	59	59	30	64	37	63(264)
72.2	13.2	60	60	37	37	68	49	45	31(29)	68	28	64	33
		65	26	66	36(101)	36	36	60	60	26	65	36	66(258)
78.7	12.1	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	69(255)
85.3	11.2	62	62	33	33	75	45	47	24(36)	73	22	67	29
		67	18	71	34(107)	32	32	63	63	18	67	34	71(252)
91.9	10.6	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)
98.4	9.9	66	66	29	29	81	42	48	18(38)	78	15	72	24
		70	11	77	32(111)	28	28	67	67	10	69	32	77(248)
105.0	9.3	67	67	27	27	84	41	48	15(39)	81	12	74	21
		74	8	79	28(107)	26	26	68	68	7	73	29	79(252)
111.5	8.4	68	68	26	26	86	39	49	13(40)	83	10	75	20
		74	5	80	28(108)	25	25	69	69	5	74	28	81(251)

HA= 68.6 HI= 55.8 GGW= 48.7 SL= 0.0 MAX(A,B,C,D)= 8.0 6.9 7.5 7.5

Main boom and fixed jib (jib angle 20.0 degrees)

Length of main boom = 70.2 ft Length of jib = 55.8 ft

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

Counterweight = 48.7 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.			
		1(0)		2(...)		3(90)		6(...)					
		4(...)		5(180)		6(...)							
		A	B	C	D	A	B	C	D	A	B	C	D
39.4	18.7	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	16.8	51	51	47	47	54	47	51	45(59)	53	45	52	46
		50	44	53	48(128)	47	47	52	52	44	50	48	53(232)
52.5	15.2	53	53	45	45	57	44	52	42(59)	56	41	55	43
		52	40	56	47(128)	44	44	53	53	40	52	47	56(232)
59.1	13.7	54	54	43	43	60	42	52	39(59)	58	38	56	41
		58	38	56	41(90)	42	42	55	55	38	58	41	56(270)
65.6	12.6	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)
72.2	11.5	57	57	39	39	62	50	44	35(21)	63	31	60	36
		63	31	61	36(93)	38	38	58	58	30	63	37	61(266)
78.7	10.6	58	58	37	37	66	49	44	31(27)	66	28	62	34
		64	26	64	35(99)	36	36	59	59	26	64	36	64(260)
85.3	9.7	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)
91.9	9.0	61	61	33	33	72	45	46	25(35)	71	22	66	29
		66	19	69	34(106)	32	32	62	62	19	65	34	69(253)
98.4	8.6	63	63	31	31	76	42	47	22(38)	74	19	68	26
		68	15	73	33(108)	30	30	64	64	15	67	33	73(251)
105.0	7.9	64	64	30	30	78	43	47	19(37)	76	16	70	24
		68	12	75	32(110)	28	28	65	65	12	68	32	75(249)

111.5 7.7 66 66 27 27 83 41 48 15(39) 80 12 73 21
 73 8 78 28(107) 26 26 67 67 8 72 29 78(252)

HA= 70.2 HI= 55.8 GGW= 48.7 SL= 0.0 MAX(A,B,C,D)= 7.7 6.7 7.2 7.3

Main boom and fixed jib (jib angle 20.0 degrees)
 Length of main boom = 82.3 ft Length of jib = 55.8 ft
 Main boom sequence = 0-0-0-0-45-90 % LK = 20
 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	18.7	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	17.6	52	52	46	46	56	46	51	44(59)	55	44	54	45
		51	43	55	48(128)	46	46	53	53	43	51	48	55(232)
52.5	16.8	55	55	43	43	61	43	53	39(59)	59	39	57	41
		59	39	57	41(90)	43	43	55	55	39	59	41	57(270)
59.1	15.7	57	57	41	41	60	53	44	38(15)	63	34	60	38
		63	34	60	38(90)	40	40	58	58	34	63	38	60(270)
65.6	14.8	59	59	38	38	66	50	45	33(26)	66	30	63	35
		65	29	64	37(98)	37	37	60	60	29	65	37	64(261)
72.2	13.9	61	61	36	36	71	47	47	29(32)	70	26	65	32
		66	24	68	35(103)	35	35	62	62	24	66	36	68(256)
78.7	13.0	63	63	34	34	75	45	48	25(36)	73	22	68	29
		68	19	71	34(106)	33	33	63	63	19	67	34	71(253)
85.3	11.9	64	64	32	32	77	43	48	22(38)	75	20	69	27
		69	16	73	33(108)	31	31	65	65	16	68	34	73(251)
91.9	11.2	65	65	30	30	80	43	48	19(37)	78	17	71	25
		70	12	76	32(110)	29	29	66	66	12	69	33	77(249)
98.4	10.6	67	67	28	28	84	41	49	16(39)	81	13	74	22
		73	9	78	29(107)	27	27	68	68	9	73	30	79(252)
105.0	9.5	68	68	27	27	85	40	49	14(40)	82	12	75	21
		74	7	80	29(108)	26	26	69	69	7	73	29	80(251)
111.5	8.4	68	68	26	26	86	40	49	13(40)	82	10	75	20
		74	5	80	28(108)	25	25	69	69	5	74	28	80(251)
118.1	7.3	68	68	25	25	86	39	49	12(40)	83	9	75	19
		74	4	80	27(108)	24	24	69	69	4	74	28	81(251)
124.7	6.4	68	68	24	24	88	38	49	11(41)	84	8	76	18
		74	2	82	27(109)	23	23	70	70	2	74	28	82(250)

HA= 82.3 HI= 55.8 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 = 84.0 ft Length of jib = 55.8 ft
 Main boom sequence = 0-0-0-0-45-100 % LK = 21
 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	18.7	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	17.2	52	52	47	47	55	46	51	45(59)	54	44	53	46
		51	43	54	48(128)	46	46	52	52	43	51	48	54(232)
52.5	15.7	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	14.3	55	55	42	42	56	55	42	41(2)	60	36	58	40
		60	36	58	40(90)	41	41	56	56	36	60	40	58(270)
65.6	13.2	57	57	39	39	61	52	43	36(18)	63	33	60	37
		63	33	60	37(90)	39	39	58	58	33	63	37	60(269)
72.2	12.1	58	58	38	38	65	50	44	33(25)	65	30	62	35
		64	28	63	36(97)	37	37	59	59	28	64	36	63(262)
78.7	11.5	60	60	35	35	69	47	46	29(31)	69	26	64	32
		65	24	67	35(102)	35	35	61	61	24	65	35	67(257)
85.3	10.6	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)
91.9	9.9	63	63	32	32	76	43	47	22(37)	74	20	68	27
		67	16	72	33(108)	31	31	64	64	16	67	34	73(251)
98.4	9.3	64	64	30	30	79	42	48	20(39)	76	17	70	25
		69	13	75	32(110)	29	29	65	65	13	68	33	75(249)
105.0	8.8	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)
111.5	8.2	67	67	26	26	85	40	49	14(40)	82	11	74	21
		73	6	79	28(108)	25	25	68	68	6	73	29	80(251)
118.1	7.3	68	68	25	25	86	39	49	13(40)	83	9	75	19
		74	5	80	27(108)	24	24	69	69	4	74	28	80(251)
124.7	6.4	68	68	24	24	88	38	49	11(41)	84	8	76	18
		74	3	81	27(109)	23	23	69	69	3	74	28	82(250)

 HA= 84.0 HI= 55.8 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 = 96.5 ft Length of jib = 55.8 ft
 Main boom sequence = 0-0-0-0-90-90 % LK = 28
 Counterweight = 48.7 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
	1(0)		2(...)		3(90)		6(...)						
	A	B	C	D	A	B	C	D					
45.9	17.4	52	52	46	46	55	46	51	44(59)	54	44	54	45
		51	43	55	48(128)	46	46	53	53	43	51	48	55(232)
52.5	16.8	55	55	43	43	61	43	53	39(59)	59	38	57	41
		59	38	57	41(90)	43	43	56	56	38	59	41	57(270)
59.1	15.9	58	58	40	40	61	53	44	37(17)	63	34	60	38
		63	34	60	38(90)	40	40	58	58	34	63	38	61(269)
65.6	15.0	60	60	38	38	67	50	45	32(27)	67	29	63	34
		65	28	65	36(99)	37	37	60	60	28	65	37	65(260)
72.2	14.1	62	62	35	35	72	47	47	28(33)	71	25	66	32
		67	23	69	35(104)	35	35	62	62	23	66	35	69(255)
78.7	13.4	64	64	33	33	77	45	48	24(37)	75	21	69	28
		68	18	73	34(108)	32	32	64	64	18	68	35	73(251)
85.3	12.6	65	65	31	31	80	43	49	21(39)	77	18	71	26
		69	14	76	33(110)	30	30	66	66	14	69	34	76(249)

91.9	11.9	67	67	29	29	83	42	49	17(39)	80	15	73	23
		71	9	79	32(112)	28	28	68	68	9	70	33	79(247)
98.4	10.8	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)
105.0	9.5	68	68	27	27	86	40	49	14(40)	82	11	75	21
		74	7	80	28(108)	26	26	69	69	6	73	29	80(251)
111.5	8.4	68	68	26	26	86	40	49	13(40)	83	10	75	20
		74	5	80	28(108)	25	25	69	69	5	74	28	81(251)
118.1	7.3	68	68	25	25	87	39	49	12(40)	83	9	75	19
		74	4	81	27(108)	24	24	69	69	4	74	28	81(251)
124.7	6.4	68	68	24	24	88	38	49	11(41)	84	8	76	18
		74	3	82	27(109)	23	23	69	69	3	74	28	82(250)
131.2	5.5	69	69	24	24	88	38	49	10(41)	84	7	76	17
		75	2	82	26(109)	23	23	70	70	2	74	27	82(250)
137.8	4.6	69	69	23	23	88	37	49	10(41)	84	6	76	17
		75	1	82	26(109)	22	22	70	70	1	74	27	82(250)

 HA= 96.5 HI= 55.8 GGW= 48.7 SL= 0.0 MAX(A,B,C,D)= 8.2 6.9 7.6 7.7

Main boom and fixed jib (jib angle 20.0 degrees)

Length of main boom = 100.4 ft Length of jib = 55.8 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)		6(...)		
	A	B C D	A B C D	A B C D	A B C D	A B C D			
45.9	17.2	52 52 46 46	55 46 51 45(59)	54 44 53 45					
		51 43 54 48(128)	46 46 52 52	43 51 48 54(232)					
52.5	15.9	54 54 44 44	59 44 52 40(59)	58 39 56 42					
		58 39 56 42(90)	43 43 54 54	39 58 42 56(270)					
59.1	14.8	56 56 41 41	58 54 43 40(9)	61 35 59 39					
		61 35 59 39(90)	41 41 56 56	35 61 39 59(270)					
65.6	13.7	58 58 39 39	63 51 44 35(21)	64 32 61 36					
		63 31 62 37(94)	38 38 58 58	31 63 37 62(265)					
72.2	12.8	60 60 37 37	67 49 45 31(29)	67 28 63 33					
		65 26 65 36(100)	36 36 60 60	26 65 36 65(259)					
78.7	11.9	61 61 35 35	71 47 46 27(33)	70 25 66 31					
		66 22 68 35(104)	34 34 62 62	22 66 35 69(255)					
85.3	11.2	63 63 32 32	75 44 48 24(37)	73 21 68 28					
		68 18 72 34(107)	32 32 64 64	18 67 34 72(252)					
91.9	10.6	64 64 31 31	79 42 49 21(39)	76 18 70 26					
		69 14 75 33(109)	30 30 65 65	14 69 33 75(250)					
98.4	9.9	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)					
105.0	9.3	67 67 27 27	85 40 49 15(40)	81 12 74 21					
		73 7 79 29(108)	26 26 68 68	7 73 29 79(251)					
111.5	8.4	68 68 26 26	86 40 49 13(40)	83 10 75 20					
		74 5 80 28(108)	25 25 69 69	5 74 28 80(251)					
118.1	7.3	68 68 25 25	86 39 49 13(40)	83 9 75 19					
		74 4 80 27(108)	24 24 69 69	4 74 28 81(251)					
124.7	6.4	68 68 25 25	88 38 49 11(41)	84 8 76 18					
		74 3 81 27(109)	23 23 69 69	3 74 28 82(250)					

131.2 5.5 68 68 24 24 88 38 49 11(41) 84 7 76 18
 74 2 82 27(109) 23 23 69 69 2 74 27 82(250)
 137.8 4.9 69 69 23 23 89 36 49 9(42) 85 6 77 17
 75 0 83 26(110) 22 22 70 70 0 74 27 83(249)

 HA=100.4 HI= 55.8 GGW= 48.7 SL= 0.0 MAX(A,B,C,D)= 8.3 6.9 7.7 7.7

Main boom and fixed jib (jib angle 20.0 degrees)
 Length of main boom = 110.2 ft Length of jib = 55.8 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)		6(...)						
		A	B	C	D	A	B	C	D		A	B	C	D
45.9	17.4	53	53	46	46	56	46	52	44(59)	55	43	54	45	
		52	42	55	48(128)	45	45	53	53	42	52	48	55(232)	
52.5	16.5	55	55	43	43	61	43	53	39(59)	60	38	58	41	
		60	38	58	41(90)	42	42	56	56	38	60	41	58(270)	
59.1	15.9	58	58	40	40	63	52	44	36(20)	64	33	61	37	
		64	33	61	37(92)	39	39	58	58	32	64	38	62(267)	
65.6	15.2	60	60	37	37	69	49	46	31(30)	69	28	64	34	
		66	26	66	36(101)	36	36	61	61	26	66	36	67(258)	
72.2	14.6	63	63	34	34	74	46	48	26(35)	73	24	67	30	
		68	21	71	35(106)	34	34	63	63	20	67	35	71(253)	
78.7	13.7	65	65	32	32	78	44	49	22(38)	76	20	70	27	
		69	16	74	34(109)	31	31	65	65	16	69	34	75(250)	
85.3	13.0	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)	
91.9	12.1	68	68	28	28	86	41	49	15(40)	82	13	75	22	
		74	8	80	29(108)	27	27	69	69	8	74	30	80(251)	
98.4	10.6	68	68	27	27	86	40	49	14(40)	83	11	75	21	
		74	7	80	29(108)	26	26	69	69	7	74	29	80(251)	
105.0	9.0	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)	
111.5	7.9	68	68	26	26	86	39	49	13(40)	83	10	75	20	
		74	5	80	28(108)	25	25	69	69	5	74	28	81(251)	
118.1	6.8	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	6.0	68	68	24	24	88	38	49	11(41)	84	8	76	18	
		74	3	81	27(109)	23	23	69	69	3	74	28	82(250)	
131.2	5.1	68	68	24	24	88	37	49	10(41)	84	7	76	17	
		74	2	82	26(109)	23	23	69	69	2	74	27	82(250)	
137.8	4.4	69	69	23	23	89	36	49	9(42)	85	6	77	17	
		74	0	83	26(110)	22	22	70	70	0	74	27	83(249)	
144.4	3.5	69	69	23	23	89	36	49	9(42)	84	6	77	16	
		74	0	83	26(110)	22	22	70	70	0	73	26	83(249)	
150.9	2.6	68	68	23	23	88	37	48	9(41)	84	6	76	16	
		74	0	82	25(109)	21	21	69	69	0	73	26	82(250)	

 HA=110.2 HI= 55.8 GGW= 48.7 SL= 0.0 MAX(A,B,C,D)= 8.3 6.9 7.7 7.7

Main boom and fixed jib (jib angle 20.0 degrees)

Length of main boom = 114.5 ft Length of jib = 55.8 ft
 Main boom sequence = 0-0-0-45-100-100 % LK = 37
 Counterweight = 48.7 kip

Radius Cap. [ft]	Cap. [kip]	Outrigger Loadin[kip]								(Pos.[Degrees])				0-360 Degr.	
		1(0)				2(...)				3(90)					
		A	B	C	D	A	B	C	D	A	B	C	D		
52.5	16.1	55	55	43	43	60	43	53	39	(59)	59	39	57	41	
		59	39	57	41	(90)	43	43	55	55	39	59	41	57	(270)
59.1	15.0	57	57	41	41	60	53	43	38	(14)	62	34	60	38	
		62	34	60	38	(90)	40	40	57	57	34	62	38	60	(270)
65.6	13.9	58	58	38	38	65	50	45	34	(25)	66	30	62	35	
		64	29	63	37	(97)	37	37	59	59	29	64	37	63	(262)
72.2	13.2	61	61	35	35	70	47	46	29	(32)	69	26	65	32	
		66	24	67	35	(103)	35	35	62	62	24	66	35	68	(256)
78.7	12.3	62	62	34	34	74	45	47	25	(35)	73	22	67	29	
		67	19	71	34	(106)	33	33	63	63	19	67	34	71	(253)
85.3	11.5	64	64	32	32	78	43	48	22	(38)	75	19	69	27	
		68	15	74	34	(109)	31	31	65	65	15	68	34	74	(250)
91.9	11.0	66	66	29	29	82	43	48	18	(38)	79	15	72	24	
		70	11	77	32	(111)	28	28	67	67	11	70	33	78	(248)
98.4	10.4	68	68	27	27	85	41	49	15	(40)	82	12	74	21	
		74	7	80	29	(108)	26	26	69	69	7	73	30	80	(251)
105.0	9.3	68	68	26	26	86	40	49	13	(40)	83	11	75	20	
		75	6	80	28	(108)	25	25	69	69	6	74	29	81	(251)
111.5	7.9	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	6.8	68	68	25	25	86	39	48	12	(40)	83	9	75	19	
		74	4	80	27	(108)	24	24	69	69	4	74	28	81	(251)
124.7	6.0	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)
131.2	5.1	68	68	24	24	88	37	49	11	(41)	84	7	76	18	
		74	2	82	27	(109)	23	23	69	69	2	74	27	82	(250)
137.8	4.4	69	69	23	23	89	37	49	9	(41)	85	6	77	17	
		75	0	82	26	(109)	22	22	70	70	0	74	26	83	(250)
144.4	3.5	68	68	23	23	88	37	48	9	(41)	84	6	76	17	
		75	0	82	26	(109)	22	22	70	70	0	74	26	82	(250)
150.9	2.9	69	69	22	22	89	36	49	8	(42)	85	5	77	16	
		73	0	84	25	(110)	21	21	70	70	0	73	25	84	(249)

HA=114.5 HI= 55.8 GGW= 48.7 SL= 0.0 MAX(A,B,C,D)= 8.3 6.9 7.8 7.8

Main boom and fixed jib (jib angle 20.0 degrees)
 Length of main boom = 124.3 ft Length of jib = 55.8 ft
 Main boom sequence = 0-0-0-90-90-90 % LK = 45
 Counterweight = 48.7 kip

Radius Cap. [ft]	Cap. [kip]	Outrigger Loadin[kip]								(Pos.[Degrees])				0-360 Degr.	
		1(0)				2(...)				3(90)					
		A	B	C	D	A	B	C	D	A	B	C	D		
52.5	16.3	55	55	43	43	62	43	53	39	(59)	60	38	58	41	
		60	38	58	41	(90)	42	42	56	56	38	60	41	58	(270)

59.1	15.7	58	58	39	39	63	52	45	36(21)	65	33	61	37
		64	32	62	37(93)	39	39	59	59	32	64	37	62(266)
65.6	15.0	61	61	37	37	69	49	46	30(30)	69	28	65	33
		66	26	67	36(101)	36	36	61	61	26	66	36	67(258)
72.2	14.6	63	63	34	34	76	45	48	25(36)	74	23	68	29
		68	19	72	35(107)	33	33	64	64	19	68	35	72(252)
78.7	13.9	66	66	31	31	80	43	49	21(39)	78	18	71	26
		70	14	76	34(110)	30	30	66	66	14	69	34	76(249)
85.3	13.2	68	68	28	28	85	42	49	17(39)	82	14	74	23
		74	10	79	30(107)	28	28	69	69	10	74	30	79(252)
91.9	11.7	68	68	28	28	86	41	49	15(40)	82	13	75	22
		74	8	80	29(108)	27	27	69	69	8	74	30	80(251)
98.4	10.1	68	68	27	27	86	40	49	14(40)	82	11	75	21
		74	7	80	29(108)	26	26	69	69	7	74	29	80(251)
105.0	8.8	68	68	26	26	86	40	49	13(40)	83	10	75	20
		74	6	80	28(108)	25	25	69	69	6	74	28	81(251)
111.5	7.7	68	68	25	25	87	39	49	12(41)	83	9	76	19
		74	4	81	28(109)	24	24	69	69	4	74	28	81(250)
118.1	6.6	68	68	25	25	88	38	49	11(41)	84	8	76	19
		74	3	81	27(109)	24	24	69	69	3	74	28	82(250)
124.7	5.7	69	69	24	24	88	38	49	10(41)	84	7	76	18
		75	2	82	27(109)	23	23	70	70	2	74	27	82(250)
131.2	4.9	69	69	23	23	89	37	49	10(41)	84	6	77	17
		75	1	82	26(109)	22	22	70	70	1	74	27	83(250)
137.8	4.0	69	69	23	23	89	37	49	9(41)	84	6	77	17
		75	0	82	26(109)	22	22	70	70	0	74	26	83(250)
144.4	3.1	68	68	23	23	88	37	48	9(41)	84	6	76	17
		74	0	82	26(109)	22	22	70	70	0	74	26	82(250)
150.9	2.4	68	68	22	22	89	36	49	8(42)	84	5	77	16
		73	0	84	25(110)	21	21	70	70	0	73	25	84(249)

 HA=124.3 HI= 55.8 GGW= 48.7 SL= 0.0 MAX(A,B,C,D)= 8.3 6.9 7.8 7.8

Main boom and fixed jib (jib angle 20.0 degrees)

Length of main boom = 130.9 ft Length of jib = 55.8 ft
 Main boom sequence = 0-0-0-100-100-100 % LK = 46
 Counterweight = 48.7 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.			
		1(0)		2(...)		3(90)		6(...)					
		4(...)		5(180)				6(...)					
		A	B	C	D	A	B	C	D	A	B	C	D
52.5	15.9	55	55	43	43	61	43	53	39(59)	59	38	57	41
		59	38	57	41(90)	42	42	55	55	38	59	41	57(270)
59.1	15.0	57	57	40	40	61	52	44	37(17)	63	34	60	37
		63	34	60	37(90)	39	39	58	58	33	63	38	60(269)
65.6	14.1	60	60	37	37	67	50	45	32(27)	67	29	63	34
		65	28	65	36(99)	37	37	60	60	27	65	36	65(260)
72.2	13.2	61	61	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	12.6	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	11.9	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)

91.9	11.2	67	67	28	28	84	42	49	16(39)	81	13	74	22
		74	9	78	29(107)	27	27	68	68	9	73	30	79(252)
98.4	10.1	68	68	27	27	86	40	49	14(40)	82	11	75	21
		74	7	80	29(108)	26	26	69	69	6	74	29	80(251)
105.0	8.8	68	68	26	26	86	40	49	13(40)	83	10	75	20
		75	6	80	28(108)	25	25	69	69	5	74	28	81(251)
111.5	7.7	68	68	25	25	87	39	49	12(41)	84	9	76	19
		74	4	81	28(109)	24	24	69	69	4	74	28	82(250)
118.1	6.6	68	68	25	25	88	38	49	11(41)	84	8	76	18
		74	3	82	27(109)	24	24	69	69	3	74	28	82(250)
124.7	5.7	69	69	24	24	88	38	49	10(41)	84	7	76	17
		75	2	82	26(109)	23	23	70	70	2	74	27	82(250)
131.2	4.9	69	69	23	23	89	37	49	9(41)	85	6	77	17
		75	1	82	26(109)	22	22	70	70	1	74	27	83(250)
137.8	4.0	69	69	23	23	89	37	49	9(41)	85	6	77	17
		75	0	82	26(109)	22	22	70	70	0	74	26	83(250)
144.4	3.1	68	68	23	23	88	37	48	9(41)	84	6	76	16
		75	0	82	26(109)	22	22	70	70	0	74	26	82(250)
150.9	2.4	68	68	22	22	89	36	49	8(42)	85	5	77	16
		73	0	84	25(110)	21	21	70	70	0	73	25	84(249)

HA=130.9 HI= 55.8 GGW= 48.7 SL= 0.0 MAX(A,B,C,D)= 8.3 6.9 7.8 7.8

Main boom and fixed jib (jib angle 20.0 degrees)

Length of main boom = 138.1 ft Length of jib = 55.8 ft

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

Counterweight = 48.7 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.			
		1(0)		2(...)		3(90)		6(...)					
		4(...)		5(180)		6(...)							
		A	B	C	D	A	B	C	D	A	B	C	D
59.1	15.4	58	58	39	39	64	51	45	35(23)	65	32	62	36
		64	31	63	37(95)	39	39	59	59	31	64	37	63(264)
65.6	15.0	62	62	36	36	71	48	47	29(32)	70	26	66	32
		67	24	68	35(103)	35	35	62	62	24	67	36	68(256)
72.2	14.3	64	64	33	33	77	45	48	24(37)	75	22	69	28
		69	18	73	34(108)	32	32	65	65	18	68	35	73(251)
78.7	13.9	67	67	30	30	82	43	49	19(38)	79	17	73	25
		71	12	78	33(111)	29	29	67	67	12	70	34	78(248)
85.3	13.0	69	69	28	28	86	41	50	15(40)	83	13	75	22
		75	8	80	30(108)	27	27	69	69	8	74	30	80(251)
91.9	11.2	69	69	27	27	86	41	49	14(40)	83	12	75	21
		75	7	80	29(108)	26	26	69	69	7	74	29	81(251)
98.4	9.7	68	68	26	26	87	40	49	13(40)	83	11	75	20
		75	6	81	28(108)	25	25	69	69	6	74	29	81(251)
105.0	8.4	69	69	25	25	87	39	49	12(41)	84	9	76	19
		74	4	81	28(109)	24	24	69	69	4	74	28	82(250)
111.5	7.1	68	68	25	25	87	38	49	12(41)	83	9	76	19
		74	4	81	28(109)	24	24	69	69	4	74	28	82(250)
118.1	6.0	68	68	24	24	88	38	49	11(41)	84	8	76	18
		74	3	82	27(109)	23	23	69	69	3	74	28	82(250)
124.7	5.1	69	69	24	24	88	37	49	10(41)	84	7	76	17
		75	1	82	26(109)	22	22	70	70	1	74	27	82(250)

131.2 4.2 69 69 23 23 89 37 49 9(41) 85 6 77 17
 75 0 82 26(109) 22 22 70 70 0 74 26 83(250)
 137.8 3.3 69 69 23 23 89 36 49 9(42) 84 6 77 16
 74 0 83 26(110) 21 21 70 70 0 73 26 83(249)
 144.4 2.4 68 68 23 23 89 36 49 9(42) 84 5 76 16
 73 0 83 26(110) 21 21 70 70 0 73 26 83(249)

 HA=138.1 HI= 55.8 GGW= 48.7 SL= 0.0 MAX(A,B,C,D)= 8.3 6.9 7.7 7.7

Main boom and fixed jib (jib angle 20.0 degrees)
 Length of main boom = 145.0 ft Length of jib = 55.8 ft
 Main boom sequence = 0-0-45-100-100-100 % LK = 55
 Counterweight = 48.7 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
		1(0)		2(...)		3(90)		6(...)						
		4(...)		5(180)		6(...)								
		A	B	C	D	A	B	C	D	A	B	C	D	
59.1	15.0	58	58	39	39	63	52	44	35	(21)	64	32	61	37
		64	32	62	37	(93)	39	39	58	58	32	64	37	62(266)
65.6	14.3	61	61	36	36	69	49	46	30	(30)	69	27	65	33
		66	25	67	36	(102)	36	36	61	61	25	66	36	67(257)
72.2	13.4	63	63	34	34	74	46	47	26	(35)	73	23	67	30
		68	20	71	35	(106)	33	33	63	63	20	67	35	71(253)
78.7	12.8	65	65	31	31	79	43	49	21	(39)	77	19	70	26
		69	15	75	33	(109)	31	31	65	65	15	69	34	75(250)
85.3	12.1	67	67	29	29	83	42	49	17	(39)	80	15	73	23
		71	10	78	32	(111)	28	28	68	68	10	71	32	79(248)
91.9	11.2	69	69	27	27	86	41	49	14	(40)	83	12	75	21
		75	7	80	29	(108)	26	26	69	69	7	74	29	81(251)
98.4	9.7	69	69	26	26	87	40	49	13	(40)	83	11	75	20
		75	6	81	28	(108)	25	25	69	69	6	74	29	81(251)
105.0	8.2	68	68	26	26	86	40	49	13	(40)	83	10	75	20
		74	5	80	28	(108)	25	25	69	69	5	74	28	81(251)
111.5	7.1	68	68	25	25	87	38	49	12	(41)	83	9	76	19
		74	4	81	28	(109)	24	24	69	69	3	74	28	82(250)
118.1	6.0	68	68	24	24	88	38	49	11	(41)	84	8	76	18
		74	3	82	27	(109)	23	23	69	69	2	74	28	82(250)
124.7	5.1	69	69	24	24	88	37	49	10	(41)	84	7	76	17
		75	1	82	26	(109)	22	22	70	70	1	74	27	82(250)
131.2	4.2	69	69	23	23	89	37	49	9	(41)	85	6	77	17
		75	0	82	26	(109)	22	22	70	70	0	74	26	83(250)
137.8	3.3	69	69	23	23	89	36	49	9	(42)	85	6	77	16
		74	0	83	26	(110)	21	21	70	70	0	73	26	83(249)
144.4	2.4	68	68	23	23	89	36	49	9	(42)	84	5	76	16
		73	0	83	26	(110)	21	21	70	70	0	73	26	83(249)

 HA=145.0 HI= 55.8 GGW= 48.7 SL= 0.0 MAX(A,B,C,D)= 8.3 6.9 7.7 7.7

Main boom and fixed jib (jib angle 20.0 degrees)
 Length of main boom = 152.2 ft Length of jib = 55.8 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	A	B	C	D			
59.1	15.2	59	59	39	39	65	51	45	34	34(24)	66	31	62	36					
		65	30	63	37	(96)	38	38	59	59		30	65	37	63	(263)			
65.6	14.6	62	62	35	35	71	48	47	29	(32)	71	26	66	32					
		67	23	69	35	(104)	35	35	62	62		23	66	36	69	(255)			
72.2	14.1	64	64	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)			
78.7	13.7	67	67	29	29	83	43	49	18	(38)	80	16	73	24					
		71	11	78	33	(111)	29	29	68	68		11	71	33	79	(248)			
85.3	12.6	69	69	27	27	87	41	50	15	(40)	83	12	75	21					
		75	7	80	29	(108)	27	27	69	69		7	74	30	81	(251)			
91.9	10.8	69	69	26	26	87	40	49	14	(40)	83	11	76	21					
		75	6	81	28	(108)	26	26	69	69		6	74	29	81	(251)			
98.4	9.0	68	68	26	26	86	40	49	13	(40)	83	11	75	20					
		75	6	80	28	(108)	25	25	69	69		6	74	29	81	(251)			
105.0	7.7	68	68	25	25	87	39	49	12	(41)	83	9	76	19					
		74	4	81	28	(109)	24	24	69	69		4	73	28	81	(250)			
111.5	6.6	69	69	24	24	88	38	49	11	(41)	84	8	76	18					
		75	3	82	27	(109)	23	23	70	70		3	74	28	82	(250)			
118.1	5.5	69	69	24	24	88	38	49	10	(41)	84	7	76	17					
		75	2	82	27	(109)	23	23	70	70		2	74	27	82	(250)			
124.7	4.6	69	69	23	23	89	36	49	9	(42)	85	6	77	17					
		75	0	83	26	(110)	22	22	70	70		0	74	27	83	(249)			
131.2	3.5	68	68	23	23	88	37	49	9	(41)	84	6	76	17					
		75	0	82	26	(109)	22	22	70	70		0	74	26	82	(250)			
137.8	2.6	68	68	23	23	89	36	49	9	(42)	84	5	76	16					
		74	0	83	26	(110)	21	21	70	70		0	73	26	83	(249)			

HA=152.2 HI= 55.8 GGW= 48.7 SL= 0.0 MAX(A,B,C,D)= 8.3 6.9 7.7 7.7

Main boom and fixed jib (jib angle 20.0 degrees)

Length of main boom = 161.4 ft Length of jib = 55.8 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			
65.6	14.1	61	61	36	36	71	48	47	29	(32)	70	26	65	32					
		66	24	68	35	(103)	35	35	62	62		24	66	36	68	(256)			
72.2	13.4	63	63	33	33	76	45	48	24	(37)	74	22	69	29					
		69	18	72	34	(107)	32	32	64	64		18	68	34	72	(252)			
78.7	12.8	66	66	30	30	81	42	50	20	(40)	78	17	72	25					
		70	13	77	33	(110)	30	30	67	67		13	70	33	77	(249)			
85.3	12.1	68	68	28	28	85	42	49	16	(39)	82	13	75	22					
		75	9	79	29	(107)	27	27	69	69		8	74	30	80	(252)			
91.9	10.6	68	68	27	27	86	40	49	14	(40)	83	11	75	21					
		75	6	80	29	(108)	26	26	69	69		6	74	29	81	(251)			
98.4	9.0	68	68	26	26	87	40	49	13	(40)	83	10	75	20					
		75	5	81	28	(108)	25	25	69	69		5	74	28	81	(251)			

105.0	7.7	69	69	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)	
111.5	6.4	68	68	25	25	88	38	49	11(41)	84	8	76	19
	74	3	81	27(109)	24	24	69	69	3	74	28	82(250)	
118.1	5.3	68	68	24	24	88	38	49	11(41)	84	7	76	18
	74	2	82	27(109)	23	23	69	69	2	74	27	82(250)	
124.7	4.4	69	69	23	23	88	37	49	10(41)	84	6	76	17
	75	1	82	26(109)	22	22	70	70	1	74	27	82(250)	
131.2	3.5	69	69	23	23	89	36	49	9(42)	85	6	77	16
	74	0	83	26(110)	22	22	70	70	0	73	26	83(249)	
137.8	2.4	68	68	23	23	88	37	48	9(41)	84	6	76	17
	74	0	82	26(109)	22	22	69	69	0	73	26	82(250)	

HA=161.4 HI= 55.8 GGW= 48.7 SL= 0.0 MAX(A,B,C,D)= 8.3 6.9 7.7 7.7

Main boom and fixed jib (jib angle 20.0 degrees)

Length of main boom = 166.0 ft Length of jib = 55.8 ft

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

Counterweight = 48.7 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.			
		1(0)		2(...)		3(90)		6(...)					
		A	B	C	D	A	B	C	D				
65.6	14.6	63	63	35	35	73	47	47	27(34)	72	24	67	31
		68	21	70	35(105)	34	34	63	63	21	67	35	70(254)
72.2	14.1	65	65	31	31	80	43	49	21(39)	77	19	71	26
		70	15	76	33(109)	31	31	66	66	15	70	34	76(250)
78.7	13.4	68	68	28	28	85	42	49	17(39)	82	14	75	23
		75	10	79	30(107)	28	28	69	69	9	74	30	79(252)
85.3	11.5	68	68	28	28	86	41	49	15(40)	82	13	75	22
		74	8	80	29(108)	27	27	69	69	8	74	30	80(251)
91.9	9.7	68	68	27	27	86	40	49	14(40)	82	11	75	21
		74	7	80	29(108)	26	26	69	69	6	74	29	80(251)
98.4	8.2	68	68	26	26	86	40	49	13(40)	83	10	75	20
		74	5	80	28(108)	25	25	69	69	5	74	28	80(251)
105.0	6.6	68	68	26	26	86	39	48	13(40)	82	10	75	19
		74	5	80	28(108)	24	24	69	69	5	73	28	80(251)
111.5	5.5	68	68	25	25	87	38	49	11(41)	83	8	75	19
		74	3	81	27(109)	24	24	69	69	3	73	28	81(250)
118.1	4.4	68	68	24	24	87	37	49	11(41)	83	7	75	18
		74	2	81	27(109)	23	23	69	69	2	73	27	81(250)
124.7	3.3	68	68	24	24	87	37	48	10(41)	83	7	75	17
		74	2	81	26(109)	22	22	69	69	2	73	27	81(250)
131.2	2.4	68	68	23	23	87	37	48	10(41)	83	6	76	17
		74	1	81	26(109)	22	22	69	69	1	73	26	82(250)

HA=166.0 HI= 55.8 GGW= 48.7 SL= 0.0 MAX(A,B,C,D)= 8.1 6.9 7.6 7.6

Main boom and fixed jib (jib angle 20.0 degrees)

Length of main boom = 175.5 ft Length of jib = 55.8 ft

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

Counterweight = 48.7 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
	1(0)		2(...)		3(90)		4(...)		5(180)		6(...)		
	A	B	C	D	A	B	C	D	A	B	C	D	
72.2	13.4	65	65	32	32	78	44	49	22(38)	76	20	70	27
		69	16	74	34(109)	31	31	65	65	16	69	34	74(250)
78.7	12.8	67	67	29	29	83	43	49	18(38)	80	15	73	24
		71	11	78	32(111)	28	28	68	68	10	71	33	79(248)
85.3	11.0	67	67	28	28	84	42	49	16(39)	81	13	74	22
		74	9	79	29(107)	27	27	68	68	9	73	30	79(252)
91.9	9.3	67	67	27	27	84	41	48	15(39)	81	12	74	21
		74	8	79	29(107)	26	26	68	68	8	73	29	79(252)
98.4	7.7	67	67	26	26	85	40	49	14(40)	81	11	74	21
		73	6	79	28(108)	25	25	68	68	6	73	29	79(251)
105.0	6.4	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)
111.5	5.3	67	67	25	25	86	39	48	12(40)	82	9	75	19
		74	4	80	27(108)	24	24	69	69	4	73	28	80(251)
118.1	4.2	67	67	24	24	86	38	49	11(41)	83	8	75	18
		73	3	81	27(109)	23	23	69	69	3	73	28	81(250)
124.7	3.1	67	67	24	24	86	37	48	11(41)	82	8	75	18
		73	2	80	27(109)	23	23	69	69	2	73	27	81(250)
131.2	2.2	67	67	24	24	87	37	48	10(41)	83	7	75	17
		73	2	81	26(109)	22	22	69	69	2	73	27	81(250)

HA=175.5 HI= 55.8 GGW= 48.7 SL= 0.0 MAX(A,B,C,D)= 8.0 6.8 7.5 7.5

Main boom and fixed jib (jib angle 20.0 degrees)
Length of main boom = 180.1 ft Length of jib = 55.8 ft
Main boom sequence = 0-90-90-90-90-90 % LK = 73
Counterweight = 48.7 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
	1(0)		2(...)		3(90)		4(...)		5(180)		6(...)		
	A	B	C	D	A	B	C	D	A	B	C	D	
72.2	13.7	66	66	31	31	81	43	49	21(39)	78	18	71	26
		70	14	76	33(110)	30	30	67	67	14	70	34	77(249)
78.7	12.1	67	67	29	29	83	43	48	18(38)	80	15	73	24
		71	10	78	32(111)	28	28	68	68	10	71	33	79(248)
85.3	10.1	67	67	28	28	84	41	49	17(39)	80	14	73	22
		73	9	78	29(107)	27	27	68	68	9	73	30	78(252)
91.9	8.4	67	67	27	27	84	41	48	15(39)	80	13	73	22
		73	8	78	29(107)	26	26	68	68	8	73	29	78(252)
98.4	6.8	67	67	26	26	84	40	48	14(40)	81	11	74	21
		73	7	79	28(108)	25	25	68	68	7	72	29	79(251)
105.0	5.5	67	67	26	26	85	39	48	13(40)	81	10	74	20
		73	6	79	28(108)	25	25	68	68	5	72	28	79(251)
111.5	4.2	67	67	25	25	84	39	48	13(40)	81	10	74	19
		73	5	79	27(108)	24	24	68	68	5	72	28	79(251)
118.1	3.1	66	66	25	25	85	38	48	12(40)	81	9	74	19
		73	4	79	27(108)	24	24	68	68	4	72	27	79(251)
124.7	2.2	67	67	24	24	86	37	48	11(41)	82	8	74	18
		73	3	80	27(109)	23	23	68	68	3	72	27	80(250)

HA=180.1 HI= 55.8 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 = 191.9 ft Length of jib = 55.8 ft
Main boom sequence = 0-100-100-100-100-100 % LK = 74
Counterweight = 48.7 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
	1(0)		2(...)		3(90)		4(...)						
	A	B	C	D	A	B	C	D	A	B	C	D	
72.2	13.0	65	65	31	31	79	43	49	21(39)	77	19	71	26
		70	15	75	33(109)	31	31	66	66	15	69	34	75(250)
78.7	11.5	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)
85.3	9.7	66	66	28	28	83	41	48	17(39)	80	14	73	23
		71	9	78	32(111)	28	28	67	67	9	70	32	78(248)
91.9	7.9	66	66	28	28	83	41	48	16(39)	80	13	73	22
		73	9	78	29(107)	27	27	67	67	9	72	29	78(252)
98.4	6.4	66	66	27	27	83	40	48	15(39)	80	12	73	21
		73	8	78	28(107)	26	26	67	67	7	72	29	78(252)
105.0	5.1	66	66	26	26	83	40	47	14(39)	80	11	73	21
		73	7	78	28(107)	25	25	67	67	6	72	28	78(252)
111.5	4.0	66	66	26	26	84	39	48	13(40)	81	10	74	20
		73	5	79	27(108)	24	24	68	68	5	72	28	79(251)
118.1	2.9	66	66	25	25	84	38	48	12(40)	81	9	74	19
		73	4	79	27(108)	24	24	68	68	4	72	27	79(251)

HA=191.9 HI= 55.8 GGW= 48.7 SL= 0.0 MAX(A,B,C,D)= 7.8 6.7 7.3 7.4

Main boom and fixed jib (jib angle 20.0 degrees)

Length of main boom = 193.9 ft Length of jib = 55.8 ft
Main boom sequence = 45-90-90-90-90-90 % LK = 76
Counterweight = 48.7 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
	1(0)		2(...)		3(90)		4(...)						
	A	B	C	D	A	B	C	D	A	B	C	D	
72.2	12.8	66	66	30	30	81	42	50	20(40)	78	17	72	25
		70	13	76	33(110)	30	30	67	67	13	70	33	77(249)
78.7	10.4	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)
85.3	8.6	66	66	28	28	81	42	48	17(38)	79	15	72	23
		70	10	77	32(111)	28	28	67	67	10	69	32	77(248)
91.9	6.8	65	65	28	28	82	41	48	16(39)	79	13	72	22
		72	9	77	29(107)	27	27	67	67	9	71	30	77(252)
98.4	5.3	65	65	27	27	82	40	47	15(39)	79	12	72	22
		72	8	77	28(107)	26	26	67	67	8	71	29	77(252)
105.0	4.0	65	65	26	26	82	40	47	15(39)	79	11	72	21
		72	7	77	28(107)	25	25	67	67	7	71	28	77(252)
111.5	2.9	66	66	26	26	83	38	47	13(40)	80	10	73	20
		72	6	78	28(108)	24	24	67	67	5	71	28	78(251)

HA=193.9 HI= 55.8 GGW= 48.7 SL= 0.0 MAX(A,B,C,D)= 7.7 6.6 7.2 7.3

Main boom and fixed jib (jib angle 20.0 degrees)

Length of main boom = 205.7 ft Length of jib = 55.8 ft
Main boom sequence = 45-100-100-100-100-100 % LK = 77
Counterweight = 48.7 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
	1(0)		2(...)		3(90)		4(...)						
	A	B	C	D	A	B	C	D					
78.7	9.9	65	65	30	30	80	41	49	19(40)	77	17	71	25
		69	13	75	32(110)	29	29	66	66	13	69	33	76(249)
85.3	8.2	65	65	29	29	80	42	47	18(38)	78	15	71	24
		69	11	77	32(111)	28	28	66	66	11	69	32	77(248)
91.9	6.4	65	65	28	28	80	41	47	17(38)	78	14	71	23
		69	9	77	31(111)	27	27	66	66	9	68	32	77(248)
98.4	4.9	65	65	28	28	80	41	47	17(38)	78	13	71	22
		71	9	76	28(106)	26	26	66	66	9	71	29	76(253)
105.0	3.7	65	65	26	26	82	40	47	15(39)	79	12	72	21
		71	7	77	28(107)	25	25	67	67	7	71	28	77(252)
111.5	2.4	65	65	26	26	82	39	47	15(39)	78	11	72	21
		71	7	77	28(107)	25	25	66	66	7	71	28	77(252)

HA=205.7 HI= 55.8 GGW= 48.7 SL= 0.0 MAX(A,B,C,D)= 7.6 6.6 7.1 7.1

Main boom and fixed jib (jib angle 20.0 degrees)

Length of main boom = 208.0 ft Length of jib = 55.8 ft
Main boom sequence = 90-90-90-90-90-90 % LK = 78
Counterweight = 48.7 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
	1(0)		2(...)		3(90)		4(...)						
	A	B	C	D	A	B	C	D					
78.7	9.0	65	65	30	30	79	43	47	20(37)	77	17	71	25
		69	13	75	32(110)	29	29	65	65	13	68	33	75(249)
85.3	7.1	64	64	29	29	79	42	47	19(37)	77	16	71	24
		69	11	75	32(110)	28	28	65	65	11	68	32	75(249)
91.9	5.3	64	64	28	28	79	41	47	18(38)	77	15	71	23
		68	10	76	31(111)	27	27	65	65	10	67	32	76(248)
98.4	4.0	64	64	27	27	80	41	47	16(38)	77	13	71	22
		71	9	75	28(106)	26	26	66	66	9	71	29	76(253)
105.0	2.6	64	64	27	27	81	39	47	15(39)	78	12	71	21
		71	8	76	28(107)	25	25	66	66	8	70	29	76(252)

HA=208.0 HI= 55.8 GGW= 48.7 SL= 0.0 MAX(A,B,C,D)= 7.5 6.6 7.0 7.1

HA=208.0 HI= 55.8 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

14.10.2003, 15:37:22

Eingabedatei: ilam.dat

Festdatei : /berechnung/tabellen/zentraledaten/lamosfd-ac/200-1.99dat
Tabellendat.: /berechnung/tabellen/ac/ac200-1/serie_3/pc_tab/22137312_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 = 55.8 ft
Main boom sequence = 0-0-0-0-0-0 % LK = 1
Counterweight = 48.7 kip

Radius Cap. [ft]	Cap. [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.			
		1(0)		2(...)		3(90)		6(...)					
A	B	C	D	A	B	C	D	A	B	C	D		
45.9	15.2	47	47	50	50	45	50	48	51(59)	46	51	47	51
		47	51	47	49(128)	50	50	47	47	51	47	49	47(232)
52.5	14.3	49	49	47	47	51	47	49	47(59)	50	46	50	47
		49	46	51	48(128)	47	47	50	50	46	49	48	51(232)
59.1	13.7	52	52	44	44	56	44	51	42(59)	55	41	54	43
		51	40	55	47(128)	44	44	53	53	40	51	47	55(232)
65.6	13.2	55	55	41	41	56	54	42	40(5)	60	35	58	39
		60	35	58	39(90)	40	40	56	56	35	60	39	58(270)
72.2	13.0	58	58	38	38	65	49	45	33(26)	66	30	62	35
		64	28	64	36(98)	37	37	59	59	28	64	36	64(261)

HA= 40.7 HI= 55.8 GGW= 48.7 SL= 0.0 MAX(A,B,C,D)= 6.1 5.9 5.9 5.9

Main boom and fixed jib (jib angle 40.0 degrees)
Length of main boom = 54.5 ft Length of jib = 55.8 ft
Main boom sequence = 0-0-0-0-0-45 % LK = 7
Counterweight = 48.7 kip

Radius Cap. [ft]	Cap. [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.			
		1(0)		2(...)		3(90)		6(...)					
A	B	C	D	A	B	C	D	A	B	C	D		
45.9	15.2	47	47	51	51	45	50	48	52(59)	45	51	47	51
		47	52	46	50(128)	50	50	47	47	52	47	50	46(232)
52.5	14.6	49	49	48	48	50	47	49	47(59)	50	46	50	47
		49	46	51	48(128)	47	47	50	50	46	49	48	51(232)
59.1	13.9	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)

65.6 13.4 55 55 42 42 55 55 42 42(0) 60 36 57 40
 60 36 57 40(90) 41 41 55 55 36 60 40 57(270)
 72.2 13.0 58 58 39 39 63 51 44 35(22) 64 31 61 36
 63 31 62 37(94) 38 38 58 58 30 63 37 62(265)
 78.7 12.8 61 61 35 35 70 47 46 28(32) 69 26 65 32
 66 23 67 35(103) 35 35 61 61 23 66 35 68(256)
 85.3 12.3 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)

 HA= 54.5 HI= 55.8 GGW= 48.7 SL= 0.0 MAX(A,B,C,D)= 7.1 6.3 6.8 6.8

Main boom and fixed jib (jib angle 40.0 degrees)
 Length of main boom = 68.6 ft Length of jib = 55.8 ft
 Main boom sequence = 0-0-0-0-0-90 % LK = 13
 Counterweight = 48.7 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.			
		1(0)				2(...)							
		4(...)				5(180)				6(...)			
		A	B	C	D	A	B	C	D	A	B	C	D
52.5	14.6	49	49	48	48	50	47	49	47(59)	50	47	50	47
		49	46	50	48(127)	47	47	50	50	46	49	48	50(232)
59.1	13.9	52	52	45	45	55	45	51	43(59)	54	42	53	44
		51	41	55	47(128)	44	44	52	52	41	51	47	55(232)
65.6	13.2	54	54	42	42	60	42	52	38(59)	58	37	56	41
		58	37	56	41(90)	41	41	55	55	37	58	41	56(270)
72.2	12.3	56	56	40	40	59	52	43	37(14)	62	34	59	37
		62	34	59	37(90)	39	39	57	57	34	62	37	59(270)
78.7	11.7	58	58	37	37	65	49	44	33(25)	65	29	62	34
		64	28	63	36(97)	37	37	59	59	28	64	36	63(262)
85.3	11.0	60	60	35	35	70	47	46	28(32)	69	25	65	32
		65	23	67	35(103)	34	34	61	61	23	65	35	67(256)
91.9	10.4	62	62	33	33	74	44	47	24(36)	72	22	67	29
		67	18	71	34(107)	32	32	63	63	18	66	34	71(252)
98.4	9.7	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)

 HA= 68.6 HI= 55.8 GGW= 48.7 SL= 0.0 MAX(A,B,C,D)= 7.3 6.3 6.9 6.9

Main boom and fixed jib (jib angle 40.0 degrees)
 Length of main boom = 70.2 ft Length of jib = 55.8 ft
 Main boom sequence = 0-0-0-0-0-100 % LK = 14
 Counterweight = 48.7 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.			
		1(0)				2(...)							
		4(...)				5(180)				6(...)			
		A	B	C	D	A	B	C	D	A	B	C	D
52.5	13.9	48	48	48	48	49	48	49	48(59)	49	47	49	48
		48	47	49	49(127)	48	48	49	49	47	48	49	49(232)
59.1	12.8	50	50	46	46	52	45	50	44(59)	52	43	52	45
		49	43	52	47(128)	45	45	51	51	43	49	47	52(232)
65.6	11.9	52	52	44	44	56	43	51	41(59)	55	40	54	42
		51	38	56	46(128)	43	43	53	53	38	51	46	56(232)

72.2	11.0	54	54	41	41	60	41	52	37(59)	58	36	56	39
		58	36	56	39(90)	41	41	55	55	36	58	39	56(270)
78.7	10.1	55	55	39	39	59	51	43	37(15)	61	33	59	37
		61	33	59	37(90)	38	38	56	56	33	61	37	59(270)
85.3	9.5	57	57	37	37	64	49	44	33(25)	64	29	61	34
		63	28	62	35(96)	36	36	58	58	28	63	36	62(263)
91.9	9.0	59	59	35	35	69	47	45	28(31)	68	25	64	31
		65	23	66	34(102)	34	34	60	60	23	65	35	66(257)
98.4	8.6	62	62	32	32	73	44	47	24(36)	72	21	67	28
		67	18	70	33(106)	31	31	63	63	18	66	34	70(253)

HA= 70.2 HI= 55.8 GGW= 48.7 SL= 0.0 MAX(A,B,C,D)= 6.8 6.1 6.5 6.5

Main boom and fixed jib (jib angle 40.0 degrees)

Length of main boom = 82.3 ft Length of jib = 55.8 ft

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

Counterweight = 48.7 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
	1(0)				2(...)								
	4(...)				5(180)				6(...)				
	A	B	C	D	A	B	C	D	A	B	C	D	
52.5	14.6	49	49	48	48	50	47	49	47(59)	50	46	50	47
		49	46	50	48(127)	47	47	50	50	46	49	48	50(232)
59.1	14.1	52	52	45	45	56	44	51	42(59)	55	41	54	44
		51	40	55	47(128)	44	44	53	53	40	51	47	55(232)
65.6	13.4	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)
72.2	12.8	57	57	39	39	61	52	43	36(18)	63	33	60	37
		63	32	60	37(91)	39	39	57	57	32	62	37	60(268)
78.7	12.1	59	59	37	37	66	49	45	32(27)	67	28	63	34
		65	27	64	36(99)	36	36	60	60	27	64	36	65(260)
85.3	11.5	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)
91.9	10.8	63	63	32	32	75	44	48	24(37)	73	21	68	28
		68	17	72	34(107)	32	32	63	63	17	67	34	72(252)
98.4	10.4	65	65	30	30	80	43	47	20(37)	77	17	71	25
		69	12	76	32(110)	29	29	66	66	12	69	33	76(249)
105.0	9.9	67	67	27	27	84	41	48	16(39)	81	13	74	22
		74	8	78	29(107)	26	26	68	68	8	73	29	79(252)
111.5	8.8	68	68	26	26	86	40	49	14(40)	82	11	75	20
		74	6	80	28(108)	25	25	69	69	6	73	29	80(251)

HA= 82.3 HI= 55.8 GGW= 48.7 SL= 0.0 MAX(A,B,C,D)= 8.0 6.8 7.4 7.5

Main boom and fixed jib (jib angle 40.0 degrees)

Length of main boom = 84.0 ft Length of jib = 55.8 ft

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

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

59.1	13.2	51	51	45	45	54	45	50	44(59)	53	43	52	45
		50	42	53	47(128)	45	45	52	52	42	50	47	53(232)
65.6	12.1	52	52	43	43	57	43	51	40(59)	56	39	55	42
		51	38	56	46(128)	43	43	53	53	38	51	46	56(232)
72.2	11.5	54	54	41	41	55	54	41	40(4)	60	35	57	39
		60	35	57	39(90)	40	40	55	55	35	60	39	57(270)
78.7	10.6	56	56	39	39	60	51	43	36(18)	62	32	60	36
		62	32	60	36(91)	38	38	57	57	32	62	37	60(268)
85.3	10.1	58	58	36	36	66	48	45	31(28)	66	28	62	33
		64	26	64	35(99)	35	35	59	59	26	64	35	64(260)
91.9	9.5	60	60	34	34	70	46	45	27(32)	69	24	65	31
		65	22	67	34(104)	34	34	61	61	22	65	35	68(255)
98.4	9.0	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)
105.0	8.6	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)
111.5	8.2	66	66	28	28	83	41	48	16(39)	80	13	73	22
		72	9	77	29(107)	26	26	67	67	9	72	29	78(252)

 HA= 84.0 HI= 55.8 GGW= 48.7 SL= 0.0 MAX(A,B,C,D)= 7.7 6.7 7.2 7.2

Main boom and fixed jib (jib angle 40.0 degrees)
 Length of main boom = 96.5 ft Length of jib = 55.8 ft
 Main boom sequence = 0-0-0-0-90-90 % LK = 28
 Counterweight = 48.7 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
	1(0)		2(...)		3(90)		6(...)						
	A	B	C	D	A	B	C	D					
59.1	13.9	52	52	45	45	56	45	51	43(59)	54	42	54	44
		51	41	55	47(128)	44	44	52	52	41	51	47	55(232)
65.6	13.4	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)
72.2	13.0	57	57	39	39	62	51	44	35(20)	63	32	60	36
		63	32	61	37(92)	38	38	58	58	32	63	37	61(267)
78.7	12.3	59	59	37	37	67	49	45	31(28)	67	28	63	33
		65	26	65	36(100)	36	36	60	60	26	65	36	65(259)
85.3	11.7	61	61	34	34	72	46	47	27(34)	71	24	66	30
		66	21	69	35(105)	34	34	62	62	21	66	35	69(254)
91.9	11.2	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	10.8	66	66	29	29	81	43	48	19(38)	78	16	72	24
		70	11	77	32(111)	28	28	67	67	11	69	33	77(248)
105.0	10.1	67	67	27	27	84	41	49	15(39)	81	13	74	22
		74	8	79	29(107)	26	26	68	68	8	73	29	79(252)
111.5	8.8	67	67	27	27	85	40	49	14(40)	82	11	74	21
		74	7	80	28(108)	26	26	69	69	6	73	29	80(251)
118.1	7.7	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)

 HA= 96.5 HI= 55.8 GGW= 48.7 SL= 0.0 MAX(A,B,C,D)= 8.0 6.8 7.5 7.5

Main boom and fixed jib (jib angle 40.0 degrees)

Length of main boom = 100.4 ft Length of jib = 55.8 ft
 Main boom sequence = 0-0-0-0-100-100 % LK = 29
 Counterweight = 48.7 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]								(Pos.[Degrees])				0-360 Degr.
		1(0)		2(...)				3(90)						
		4(...)		5(180)				6(...)						
A	B	C	D	A	B	C	D	A	B	C	D			
59.1	13.2	51	51	45	45	54	45	50	43(59)	53	43	52	45	
		50	42	54	47(128)	45	45	52	52	42	50	47	54(232)	
65.6	12.3	53	53	43	43	58	43	51	40(59)	56	39	55	41	
		51	37	57	46(128)	42	42	54	54	37	51	46	57(232)	
72.2	11.7	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	11.0	57	57	38	38	62	50	44	34(22)	63	31	60	35	
		63	30	61	36(94)	37	37	58	58	30	63	36	61(265)	
85.3	10.4	59	59	36	36	67	48	45	30(29)	67	27	63	33	
		64	26	65	35(100)	35	35	60	60	25	64	35	65(259)	
91.9	9.9	61	61	34	34	72	45	46	26(34)	70	23	66	30	
		66	21	69	34(105)	33	33	62	62	20	66	34	69(254)	
98.4	9.5	63	63	32	32	76	43	47	22(37)	74	20	68	27	
		68	16	72	33(108)	31	31	64	64	16	67	33	73(251)	
105.0	9.0	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)	
111.5	8.6	67	67	27	27	84	41	48	15(39)	81	12	73	21	
		73	8	78	28(107)	26	26	68	68	8	73	29	78(252)	
118.1	7.7	68	68	26	26	86	39	49	13(40)	82	10	75	20	
		74	6	80	28(108)	25	25	69	69	5	73	28	80(251)	
124.7	6.6	68	68	25	25	86	39	48	12(40)	82	9	75	19	
		74	4	80	27(108)	24	24	69	69	4	73	28	80(251)	

HA=100.4 HI= 55.8 GGW= 48.7 SL= 0.0 MAX(A,B,C,D)= 8.0 6.8 7.5 7.5

Main boom and fixed jib (jib angle 40.0 degrees)

Length of main boom = 110.2 ft Length of jib = 55.8 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	13.4	55	55	42	42	55	55	42	41(1)	60	36	58	40	
		60	36	58	40(90)	41	41	56	56	36	60	40	58(270)	
72.2	13.0	58	58	39	39	63	51	44	35(22)	64	31	61	36	
		63	31	62	37(94)	38	38	58	58	31	63	37	62(265)	
78.7	12.6	60	60	36	36	69	48	46	30(30)	69	27	64	32	
		65	25	67	35(102)	35	35	61	61	24	65	36	67(257)	
85.3	12.1	63	63	33	33	75	45	47	25(36)	73	22	67	29	
		68	19	71	34(106)	32	32	63	63	19	67	34	71(253)	
91.9	11.5	65	65	31	31	79	43	49	21(39)	76	19	70	26	
		69	14	75	33(109)	30	30	65	65	14	69	33	75(250)	
98.4	11.0	67	67	28	28	83	42	49	17(39)	80	14	73	23	
		70	9	78	32(112)	28	28	68	68	9	70	33	79(247)	

105.0	9.9	67	67	27	27	85	40	49	15(40)	82	12	74	21
		73	7	79	29(108)	26	26	68	68	7	73	30	80(251)
111.5	8.6	67	67	26	26	85	40	49	14(40)	82	11	75	21
		74	6	80	28(108)	25	25	69	69	6	73	29	80(251)
118.1	7.5	68	68	26	26	86	39	49	13(40)	82	10	75	20
		74	5	80	28(108)	24	24	69	69	5	73	28	80(251)
124.7	6.4	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)
131.2	5.5	68	68	24	24	88	38	49	11(41)	84	7	76	18
		74	2	82	27(109)	23	23	69	69	2	74	27	82(250)

HA=110.2 HI= 55.8 GGW= 48.7 SL= 0.0 MAX(A,B,C,D)= 8.2 6.8 7.6 7.6

Main boom and fixed jib (jib angle 40.0 degrees)

Length of main boom = 114.5 ft Length of jib = 55.8 ft

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

Counterweight = 48.7 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
	1(0)		2(...)		3(90)		6(...)						
	A	B	C	D	A	B	C	D					
65.6	12.6	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)
72.2	11.9	56	56	40	40	59	52	43	38(14)	61	34	59	38
		61	34	59	38(90)	39	39	56	56	34	61	38	59(270)
78.7	11.2	58	58	37	37	64	49	44	33(25)	65	30	62	35
		63	28	63	36(97)	37	37	59	59	28	63	36	63(262)
85.3	10.8	60	60	35	35	70	47	46	28(32)	69	25	65	31
		65	23	67	35(103)	34	34	61	61	23	65	35	67(256)
91.9	10.1	62	62	33	33	74	45	47	25(35)	72	22	67	29
		67	19	70	34(106)	32	32	63	63	19	67	34	71(253)
98.4	9.7	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)
105.0	9.5	66	66	28	28	83	41	48	17(39)	80	14	73	22
		73	9	78	29(107)	27	27	67	67	9	72	30	78(252)
111.5	8.6	67	67	27	27	85	40	49	14(40)	82	11	74	21
		73	7	79	28(108)	26	26	68	68	6	73	29	80(251)
118.1	7.5	68	68	26	26	86	39	49	13(40)	82	10	75	20
		74	5	80	28(108)	25	25	69	69	5	73	28	80(251)
124.7	6.4	68	68	25	25	86	39	48	12(40)	82	9	75	19
		74	4	80	27(108)	24	24	69	69	4	73	28	80(251)
131.2	5.5	68	68	24	24	87	38	49	11(41)	83	8	76	18
		74	3	81	27(109)	23	23	69	69	2	73	28	82(250)
137.8	4.6	68	68	24	24	88	37	49	10(41)	84	7	76	17
		74	1	82	26(109)	22	22	70	70	1	74	27	82(250)

HA=114.5 HI= 55.8 GGW= 48.7 SL= 0.0 MAX(A,B,C,D)= 8.2 6.8 7.6 7.6

Main boom and fixed jib (jib angle 40.0 degrees)

Length of main boom = 124.3 ft Length of jib = 55.8 ft

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

Counterweight = 48.7 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]								(Pos.[Degrees])				0-360 Degr.						
	1(0)				2(...)				3(90)										
	4(...)				5(180)				6(...)										
	A	B	C	D	A	B	C	D	A	B	C	D							
65.6	13.4	55	55	41	41	56	54	42	41	(5)	60	36	58	39					
		60	36	58	39	(90)	41	41	56	56		36	60	39	58	(270)			
72.2	13.0	58	58	38	38	64	50	44	34	(23)	65	31	62	35					
		64	30	62	36	(95)	38	38	59	59		30	64	37	62	(264)			
78.7	12.8	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)			
85.3	12.1	63	63	33	33	75	45	47	24	(36)	74	22	68	28					
		68	18	72	34	(107)	32	32	64	64		18	67	34	72	(252)			
91.9	11.7	65	65	30	30	81	42	49	20	(40)	78	17	71	25					
		70	13	76	33	(110)	29	29	66	66		13	69	33	76	(249)			
98.4	11.2	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)			
105.0	9.7	68	68	27	27	85	40	49	15	(40)	82	12	74	21					
		74	7	79	29	(108)	26	26	69	69		7	73	29	80	(251)			
111.5	8.4	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)			
118.1	7.3	68	68	26	26	86	39	49	13	(40)	83	10	75	19					
		74	5	80	28	(108)	24	24	69	69		5	74	28	80	(251)			
124.7	6.2	68	68	25	25	87	38	49	12	(41)	83	9	75	19					
		74	4	81	28	(109)	24	24	69	69		4	73	28	81	(250)			
131.2	5.3	68	68	24	24	88	38	49	11	(41)	84	7	76	18					
		74	2	82	27	(109)	23	23	69	69		2	74	27	82	(250)			
137.8	4.4	68	68	24	24	88	37	49	10	(41)	84	7	76	17					
		75	1	82	26	(109)	22	22	70	70		1	74	27	82	(250)			
144.4	3.5	68	68	23	23	88	37	48	9	(41)	84	6	76	17					
		75	0	82	26	(109)	22	22	70	70		0	74	26	82	(250)			

HA=124.3 HI= 55.8 GGW= 48.7 SL= 0.0 MAX(A,B,C,D)= 8.2 6.9 7.6 7.7

Main boom and fixed jib (jib angle 40.0 degrees)

Length of main boom = 130.9 ft Length of jib = 55.8 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)										
	4(...)				5(180)				6(...)										
	A	B	C	D	A	B	C	D	A	B	C	D							
72.2	11.9	56	56	39	39	60	52	43	37	(16)	62	33	59	37					
		62	33	59	37	(90)	39	39	57	57		33	62	37	59	(270)			
78.7	11.2	58	58	37	37	65	49	44	32	(26)	66	29	62	34					
		64	28	63	36	(98)	36	36	59	59		27	64	36	64	(261)			
85.3	10.8	61	61	35	35	71	46	46	27	(33)	70	24	65	31					
		66	22	68	35	(104)	34	34	62	62		22	65	35	68	(255)			
91.9	10.4	63	63	32	32	76	44	47	23	(37)	74	21	68	28					
		67	17	72	34	(108)	31	31	64	64		17	67	34	72	(251)			
98.4	9.9	65	65	30	30	80	43	47	19	(37)	77	17	71	24					
		69	12	76	32	(110)	29	29	66	66		12	69	33	76	(249)			
105.0	9.5	67	67	27	27	84	41	48	15	(39)	81	13	74	22					
		73	8	78	29	(107)	26	26	68	68		8	73	29	79	(252)			

111.5	8.4	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)
118.1	7.3	68	68	26	26	86	39	49	13(40)	82	10	75	19
	74	5	80	28(108)		24	24	69	69	5	73	28	80(251)
124.7	6.2	68	68	25	25	87	38	49	12(41)	83	9	75	19
	74	4	81	28(109)		24	24	69	69	4	73	28	81(250)
131.2	5.3	68	68	24	24	88	38	49	11(41)	84	8	76	18
	74	2	81	27(109)		23	23	69	69	2	73	27	82(250)
137.8	4.4	68	68	24	24	88	37	49	10(41)	84	7	76	17
	74	1	82	26(109)		22	22	69	69	1	74	27	82(250)
144.4	3.5	68	68	23	23	88	37	48	9(41)	84	6	76	17
	74	1	82	26(109)		22	22	70	70	0	74	26	82(250)
150.9	2.6	68	68	23	23	88	37	48	9(41)	84	6	76	16
	74	0	82	26(109)		21	21	69	69	0	74	26	82(250)

HA=130.9 HI= 55.8 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 = 138.1 ft Length of jib = 55.8 ft

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

Counterweight = 48.7 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.			
		1(0)		2(...)		3(90)		6(...)					
		A	B	C	D	A	B		C		D		
72.2	13.0	59	59	38	38	65	50	45	33(26)	66	30	62	35
	64	28	63	36(97)		37	37	59	59	28	64	36	64(262)
78.7	12.6	61	61	35	35	71	47	47	28(33)	71	25	66	31
	67	22	69	35(104)		34	34	62	62	22	66	35	69(255)
85.3	12.3	64	64	32	32	78	43	48	22(38)	76	20	70	27
	69	16	74	34(109)		31	31	65	65	16	68	34	74(250)
91.9	11.9	67	67	29	29	83	43	48	18(38)	80	15	73	24
	71	10	78	32(111)		28	28	67	67	10	70	33	78(248)
98.4	10.8	68	68	27	27	85	41	49	15(40)	82	12	75	22
	74	8	80	29(108)		26	26	69	69	7	73	30	80(251)
105.0	9.3	68	68	27	27	86	40	49	14(40)	82	11	75	21
	74	7	80	29(108)		26	26	69	69	7	73	29	80(251)
111.5	7.9	68	68	26	26	86	40	49	13(40)	82	10	75	20
	74	6	80	28(108)		25	25	69	69	6	73	28	80(251)
118.1	6.8	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	5.7	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)
131.2	4.9	68	68	24	24	88	37	49	10(41)	84	7	76	17
	74	2	82	26(109)		22	22	70	70	2	74	27	82(250)
137.8	4.0	69	69	23	23	89	37	49	9(41)	84	6	76	17
	75	0	82	26(109)		22	22	70	70	0	74	26	82(250)
144.4	3.1	69	69	23	23	89	36	49	9(42)	85	5	77	16
	74	0	83	26(110)		21	21	70	70	0	73	26	84(249)

HA=138.1 HI= 55.8 GGW= 48.7 SL= 0.0 MAX(A,B,C,D)= 8.3 6.9 7.7 7.8

Main boom and fixed jib (jib angle 40.0 degrees)

Length of main boom = 145.0 ft Length of jib = 55.8 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(...)							
	A	B	C	D	A	B	C	D		A	B	C	D	
72.2	11.9	57	57	39	39	62	51	44	35(20)	63	32	60	36	
		63	32	60	37(92)	38	38	58	58	31	63	37	61(267)	
78.7	11.5	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)	
85.3	11.0	62	62	34	34	73	45	47	25(35)	72	23	67	29	
		67	20	70	34(106)	33	33	63	63	19	66	34	70(253)	
91.9	10.6	64	64	31	31	78	42	49	21(39)	76	18	70	26	
		69	14	74	33(109)	30	30	65	65	14	68	33	74(250)	
98.4	10.1	66	66	28	28	83	41	49	17(39)	80	14	73	23	
		71	9	78	32(111)	28	28	67	67	9	70	32	78(248)	
105.0	9.3	68	68	27	27	85	40	49	14(40)	82	11	75	21	
		74	7	80	29(108)	26	26	69	69	7	73	29	80(251)	
111.5	7.9	68	68	26	26	86	40	49	13(40)	82	10	75	20	
		74	6	80	28(108)	25	25	69	69	6	73	28	80(251)	
118.1	6.8	68	68	25	25	86	39	48	12(40)	83	9	75	19	
		74	4	80	27(108)	24	24	69	69	4	74	28	81(251)	
124.7	6.0	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)	
131.2	4.9	68	68	24	24	88	37	49	10(41)	84	7	76	17	
		74	2	82	26(109)	23	23	69	69	2	74	27	82(250)	
137.8	4.0	68	68	23	23	88	37	49	9(41)	84	6	76	17	
		75	1	82	26(109)	22	22	70	70	1	74	26	82(250)	
144.4	3.1	68	68	23	23	88	37	48	9(41)	84	6	76	16	
		75	0	82	26(109)	22	22	70	70	0	74	26	83(250)	

HA=145.0 HI= 55.8 GGW= 48.7 SL= 0.0 MAX(A,B,C,D)= 8.2 6.9 7.6 7.7

Main boom and fixed jib (jib angle 40.0 degrees)
 Length of main boom = 152.2 ft Length of jib = 55.8 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	
72.2	12.8	59	59	37	37	66	50	45	32(26)	66	29	63	34	
		65	28	64	36(98)	37	37	60	60	28	64	36	64(261)	
78.7	12.6	62	62	34	34	73	46	47	26(34)	72	24	67	30	
		67	21	70	34(105)	34	34	63	63	21	67	35	70(254)	
85.3	12.1	65	65	31	31	78	43	48	21(38)	76	19	70	26	
		69	15	75	33(109)	31	31	65	65	15	69	34	75(250)	
91.9	11.9	68	68	28	28	84	42	49	17(39)	81	14	74	22	
		74	9	79	30(107)	27	27	68	68	9	73	30	79(252)	
98.4	10.4	68	68	27	27	85	41	49	15(40)	82	12	75	21	
		74	7	80	29(108)	26	26	69	69	7	73	30	80(251)	

105.0	8.8	68	68	26	26	86	40	49	14(40)	82	11	75	21
	74	6	80	28(108)	26	26	69	69	6	73	29	80(251)	
111.5	7.7	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)	
118.1	6.4	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	5.5	69	69	24	24	88	38	49	10(41)	84	7	76	17
	75	2	82	27(109)	23	23	70	70	2	74	27	82(250)	
131.2	4.4	68	68	24	24	88	37	49	10(41)	84	7	76	17
	75	1	82	26(109)	22	22	70	70	1	74	27	82(250)	
137.8	3.5	69	69	23	23	89	36	49	9(42)	84	6	77	16
	74	0	83	26(110)	22	22	70	70	0	73	27	83(249)	
144.4	2.4	68	68	23	23	88	37	48	9(41)	84	6	76	17
	74	0	82	26(109)	22	22	69	69	0	73	26	82(250)	

HA=152.2 HI= 55.8 GGW= 48.7 SL= 0.0 MAX(A,B,C,D)= 8.3 6.9 7.7 7.7

Main boom and fixed jib (jib angle 40.0 degrees)

Length of main boom = 161.4 ft Length of jib = 55.8 ft

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

Counterweight = 48.7 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.			
		1(0)		2(...)		3(90)		6(...)					
		4(...)		5(180)		6(...)							
		A	B	C	D	A	B	C	D				
78.7	11.5	60	60	35	35	69	47	46	29(31)	69	26	64	32
	66	24	67	35(102)	35	35	61	61	24	65	35	67(257)	
85.3	11.0	63	63	33	33	75	45	47	24(36)	73	21	68	28
	67	18	71	34(107)	32	32	63	63	18	67	34	72(252)	
91.9	10.6	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)	
98.4	10.1	67	67	27	27	85	41	49	15(39)	81	13	74	22
	74	8	79	29(107)	26	26	68	68	8	73	29	79(252)	
105.0	8.8	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)	
111.5	7.5	68	68	26	26	86	39	49	13(40)	82	10	75	20
	74	5	80	28(108)	25	25	69	69	5	74	28	80(251)	
118.1	6.4	68	68	25	25	87	38	49	12(41)	83	9	75	19
	74	4	81	27(109)	24	24	69	69	3	73	28	81(250)	
124.7	5.5	69	69	24	24	88	38	49	10(41)	84	7	76	17
	75	2	82	26(109)	23	23	70	70	2	74	27	82(250)	
131.2	4.4	69	69	24	24	88	37	49	10(41)	84	6	76	17
	75	1	82	26(109)	22	22	70	70	1	74	27	82(250)	
137.8	3.3	68	68	23	23	88	37	48	10(41)	84	6	76	17
	74	1	82	26(109)	22	22	69	69	1	73	27	82(250)	
144.4	2.4	68	68	23	23	88	37	48	9(41)	84	6	76	17
	74	0	82	26(109)	22	22	69	69	0	73	26	82(250)	

HA=161.4 HI= 55.8 GGW= 48.7 SL= 0.0 MAX(A,B,C,D)= 8.2 6.9 7.6 7.7

Main boom and fixed jib (jib angle 40.0 degrees)

Length of main boom = 166.0 ft Length of jib = 55.8 ft

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

Counterweight = 48.7 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
	1(0)		2(...)		3(90)		6(...)						
A	B	C	D	A	B	C	D	A	B	C	D		
78.7	12.3	62	62	34	34	74	45	47	25(35)	73	23	67	29
		67	20	71	34(106)	33	33	63	63	19	67	35	71(253)
85.3	12.1	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	11.7	68	68	27	27	86	41	49	15(40)	82	12	75	21
		74	8	80	29(108)	26	26	69	69	7	74	30	80(251)
98.4	9.9	68	68	27	27	86	40	49	14(40)	83	11	75	21
		74	6	80	28(108)	26	26	69	69	6	74	29	80(251)
105.0	8.4	68	68	26	26	86	40	49	13(40)	83	10	75	20
		74	5	80	28(108)	25	25	69	69	5	74	28	81(251)
111.5	6.8	68	68	26	26	86	39	48	13(40)	82	10	75	19
		74	5	80	28(108)	24	24	69	69	5	73	28	80(251)
118.1	5.7	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)
124.7	4.6	68	68	24	24	88	37	49	11(41)	84	7	76	18
		74	2	81	27(109)	23	23	69	69	2	73	27	82(250)
131.2	3.5	68	68	24	24	87	37	48	10(41)	83	7	76	17
		74	2	81	26(109)	22	22	69	69	1	73	27	82(250)
137.8	2.6	68	68	23	23	88	37	48	9(41)	84	6	76	17
		74	0	82	26(109)	22	22	69	69	0	73	26	82(250)

HA=166.0 HI= 55.8 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 = 175.5 ft Length of jib = 55.8 ft

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

Counterweight = 48.7 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
	1(0)		2(...)		3(90)		6(...)						
A	B	C	D	A	B	C	D	A	B	C	D		
85.3	11.0	64	64	32	32	77	43	48	22(38)	75	20	69	27
		68	16	73	33(108)	31	31	65	65	16	68	34	73(251)
91.9	10.6	66	66	29	29	82	42	48	18(38)	79	15	73	24
		70	10	78	32(111)	28	28	67	67	10	70	32	78(248)
98.4	9.7	68	68	27	27	86	40	49	15(40)	82	12	75	21
		74	7	80	29(108)	26	26	69	69	7	73	29	80(251)
105.0	8.2	68	68	26	26	86	40	49	14(40)	82	11	75	20
		74	6	80	28(108)	25	25	69	69	6	73	29	80(251)
111.5	6.6	67	67	26	26	85	39	48	13(40)	82	10	74	20
		73	6	80	28(108)	25	25	68	68	5	73	28	80(251)
118.1	5.5	67	67	25	25	86	39	48	12(40)	82	9	75	19
		74	4	80	27(108)	24	24	69	69	4	73	28	80(251)
124.7	4.4	67	67	24	24	87	38	49	11(41)	83	8	75	18
		73	3	81	27(109)	23	23	69	69	3	73	28	81(250)
131.2	3.3	67	67	24	24	86	37	48	11(41)	82	8	75	18
		73	2	81	27(109)	23	23	69	69	2	73	27	81(250)

137.8 2.4 67 67 24 24 87 37 48 10(41) 83 7 75 17
 73 2 81 26(109) 22 22 69 69 1 73 27 81(250)

HA=175.5 HI= 55.8 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 40.0 degrees)
 Length of main boom = 180.1 ft Length of jib = 55.8 ft
 Main boom sequence = 0-90-90-90-90-90 % LK = 73
 Counterweight = 48.7 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
	1(0)				2(...)								
	3(90)				4(...)								
	A	B	C	D	A	B	C	D	A	B	C	D	
85.3	11.9	66	66	30	30	82	43	48	19(38)	79	16	72	24
		70	12	77	33(111)	29	29	67	67	11	70	33	77(248)
91.9	10.6	67	67	28	28	84	41	49	16(39)	81	13	74	22
		74	9	78	29(107)	27	27	68	68	9	73	30	79(252)
98.4	8.8	67	67	27	27	84	41	48	15(39)	81	12	74	21
		73	8	78	29(107)	26	26	68	68	8	73	29	79(252)
105.0	7.3	67	67	26	26	85	40	49	14(40)	81	11	74	21
		73	7	79	28(108)	25	25	68	68	6	73	29	79(251)
111.5	6.0	67	67	26	26	85	39	48	13(40)	82	10	74	20
		73	5	79	28(108)	25	25	68	68	5	73	28	80(251)
118.1	4.6	67	67	25	25	85	39	48	13(40)	81	9	74	19
		73	5	79	27(108)	24	24	68	68	5	72	28	80(251)
124.7	3.5	67	67	25	25	85	38	48	12(40)	82	9	74	19
		73	4	80	27(108)	23	23	68	68	4	73	27	80(251)
131.2	2.4	67	67	24	24	85	38	47	12(40)	81	8	74	18
		73	3	79	26(108)	23	23	68	68	3	72	27	80(251)

HA=180.1 HI= 55.8 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 = 191.9 ft Length of jib = 55.8 ft
 Main boom sequence = 0-100-100-100-100-100 % LK = 74
 Counterweight = 48.7 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
	1(0)				2(...)								
	3(90)				4(...)								
	A	B	C	D	A	B	C	D	A	B	C	D	
85.3	11.0	65	65	31	31	79	42	49	21(39)	77	18	71	26
		69	14	75	33(110)	30	30	65	65	14	68	34	75(249)
91.9	10.1	67	67	28	28	83	41	49	17(39)	80	14	73	23
		71	9	78	32(111)	28	28	67	67	9	70	32	78(248)
98.4	8.4	66	66	28	28	83	41	48	16(39)	80	13	73	22
		73	9	78	29(107)	27	27	67	67	9	72	30	78(252)
105.0	6.8	66	66	27	27	83	40	48	15(39)	80	12	73	21
		73	8	78	28(107)	26	26	67	67	8	72	29	78(252)
111.5	5.5	66	66	26	26	83	40	47	14(39)	80	11	73	21
		73	7	78	28(107)	25	25	67	67	6	72	28	78(252)
118.1	4.2	66	66	26	26	84	39	48	14(40)	80	11	73	20
		72	6	78	28(108)	25	25	67	67	6	71	28	78(251)

124.7 3.1 66 66 25 25 84 38 48 13(40) 80 10 73 20
72 5 78 27(108) 24 24 67 67 5 71 28 78(251)

HA=191.9 HI= 55.8 GGW= 48.7 SL= 0.0 MAX(A,B,C,D)= 7.8 6.7 7.3 7.3

Main boom and fixed jib (jib angle 40.0 degrees)

Length of main boom = 193.9 ft Length of jib = 55.8 ft
Main boom sequence = 45-90-90-90-90-90 % LK = 76
Counterweight = 48.7 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
	1(0)				2(...)					3(90)			
4(...)				5(180)				6(...)					
A	B	C	D	A	B	C	D	A	B	C	D		
85.3	11.0	66	66	30	30	81	43	48	19(38)	78	16	72	24
		70	11	77	33(111)	29	29	67	67	11	69	33	77(248)
91.9	9.0	66	66	29	29	81	42	48	18(38)	78	15	72	23
		70	10	77	32(111)	28	28	67	67	10	69	32	77(248)
98.4	7.5	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)
105.0	6.0	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)
111.5	4.6	66	66	26	26	83	40	47	15(39)	80	11	73	21
		72	7	78	28(107)	25	25	67	67	7	72	28	78(252)
118.1	3.3	65	65	26	26	83	39	47	14(39)	80	11	73	20
		72	6	77	27(107)	25	25	67	67	6	71	28	78(252)
124.7	2.2	65	65	25	25	83	38	47	13(40)	80	10	73	20
		72	5	78	27(108)	24	24	67	67	5	71	28	78(251)

HA=193.9 HI= 55.8 GGW= 48.7 SL= 0.0 MAX(A,B,C,D)= 7.7 6.7 7.2 7.3

Main boom and fixed jib (jib angle 40.0 degrees)

Length of main boom = 205.7 ft Length of jib = 55.8 ft
Main boom sequence = 45-100-100-100-100-100 % LK = 77
Counterweight = 48.7 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
	1(0)				2(...)					3(90)			
4(...)				5(180)				6(...)					
A	B	C	D	A	B	C	D	A	B	C	D		
91.9	8.8	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)
98.4	7.1	65	65	28	28	81	41	47	17(38)	78	14	71	23
		69	10	77	31(111)	27	27	66	66	9	69	32	77(248)
105.0	5.5	65	65	28	28	81	41	47	17(38)	78	13	72	22
		71	9	76	28(106)	26	26	66	66	9	71	29	76(253)
111.5	4.2	65	65	27	27	81	40	47	16(39)	78	12	72	21
		71	8	76	28(107)	26	26	66	66	8	71	29	77(252)
118.1	3.1	65	65	26	26	82	39	47	15(39)	79	11	72	21
		71	7	77	28(107)	25	25	67	67	7	71	28	77(252)

HA=205.7 HI= 55.8 GGW= 48.7 SL= 0.0 MAX(A,B,C,D)= 7.6 6.6 7.1 7.2

HA=205.7 HI= 55.8 GGW= 48.7 SL= 0.0 MAX(A,B,C,D)= 0.0 0.0 0.0 0.0

HA=205.7 HI= 55.8 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

14.10.2003, 15:37:22

Eingabedatei: ilam.dat

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

Tabellendat.: /berechnung/tabellen/ac/ac200-1/serie_3/pc_tab/22137312_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 = 55.8 ft

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

Counterweight = 39.7 kip

Radius Cap. [ft]	Cap. [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.			
		1(0)		2(...)		3(90)		6(...)					
A	B	C	D	A	B	C	D	A	B	C	D		
9.8	33.1	43	43	59	59	35	58	46	64(59)	37	65	40	61
		45	67	37	54(128)	59	59	43	43	67	45	54	37(232)
11.5	32.6	44	44	58	58	37	57	47	62(59)	39	62	42	60
		46	64	39	53(128)	58	58	44	44	64	46	53	39(232)
13.1	32.2	45	45	56	56	39	56	47	60(59)	41	60	43	58
		47	62	41	53(128)	56	56	45	45	62	47	53	41(232)
14.8	31.5	46	46	55	55	42	55	48	58(59)	43	58	45	56
		47	59	43	52(128)	55	55	46	46	59	47	52	43(232)
16.4	30.9	47	47	54	54	44	53	48	56(59)	45	56	46	55
		48	57	45	52(128)	54	54	47	47	57	48	52	45(232)
19.7	29.8	49	49	51	51	48	51	49	52(59)	48	52	49	52
		49	52	48	50(128)	51	51	49	49	52	49	50	48(232)
23.0	28.2	50	50	49	49	51	49	50	49(59)	51	48	51	49
		50	48	51	49(127)	49	49	50	50	48	50	50	51(232)
26.2	26.9	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)
29.5	25.4	53	53	45	45	56	45	51	43(59)	55	42	54	44
		52	41	56	48(128)	45	45	53	53	41	52	48	56(232)
32.8	24.0	54	54	43	43	59	43	52	40(59)	58	39	56	42
		58	39	56	42(90)	43	43	54	54	39	58	42	56(270)
39.4	21.8	56	56	40	40	59	52	43	38(13)	62	34	59	38
		62	34	59	38(90)	39	39	57	57	34	62	38	59(270)

45.9	19.8	58	58	37	37	64	49	44	32(25)	65	29	62	34
		64	28	63	36(97)	36	36	59	59	28	63	36	63(262)
52.5	18.1	60	60	35	35	69	47	45	28(31)	68	25	64	31
		65	23	67	34(103)	34	34	60	60	22	64	35	67(256)
59.1	16.8	61	61	32	32	73	43	47	24(36)	71	21	67	28
		66	18	70	33(107)	31	31	62	62	17	66	34	70(252)
65.6	15.4	63	63	30	30	77	42	47	20(38)	74	17	69	25
		67	13	73	32(109)	29	29	64	64	13	67	32	73(250)
72.2	14.3	64	64	28	28	80	41	47	17(38)	77	14	71	23
		71	10	75	29(106)	27	27	65	65	10	70	29	75(253)
78.7	13.0	65	65	26	26	82	39	47	15(39)	79	11	72	21
		72	7	77	28(107)	25	25	67	67	7	71	28	77(252)

HA= 40.7 HI= 55.8 GGW= 39.7 SL= 0.0 MAX(A,B,C,D)= 7.6 6.6 7.1 7.2

Main boom and fixed jib (jib angle 0.0 degrees)

Length of main boom = 54.5 ft Length of jib = 55.8 ft

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

Counterweight = 39.7 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.			
		1(0)		2(...)		3(90)		6(...)					
		A	B	C	D	A	B	C	D				
13.1	30.9	44	44	56	56	38	56	47	60(59)	40	60	43	58
		46	62	40	53(128)	56	56	44	44	62	46	53	40(232)
14.8	30.4	45	45	55	55	41	55	47	58(59)	42	58	44	57
		47	60	42	52(128)	55	55	45	45	60	47	52	42(232)
16.4	30.0	46	46	54	54	43	54	48	56(59)	44	56	45	55
		47	57	44	52(128)	54	54	46	46	57	47	52	44(232)
19.7	29.1	48	48	52	52	47	51	49	52(59)	47	52	48	52
		49	53	47	51(128)	51	51	48	48	53	49	51	47(232)
23.0	28.2	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)
26.2	27.1	52	52	47	47	54	47	51	46(59)	53	45	53	47
		51	45	53	49(128)	47	47	52	52	45	51	49	53(232)
29.5	26.0	53	53	45	45	57	45	52	43(59)	56	42	55	44
		52	41	56	48(128)	45	45	53	53	41	52	48	56(232)
32.8	24.9	54	54	43	43	60	43	52	40(59)	58	39	56	42
		58	39	56	42(90)	43	43	55	55	39	58	42	56(270)
39.4	22.5	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)
45.9	20.9	59	59	37	37	66	49	45	32(27)	66	28	63	34
		64	27	64	36(99)	36	36	60	60	27	64	36	64(260)
52.5	19.2	60	60	34	34	71	46	46	27(33)	70	24	65	30
		66	22	68	34(104)	33	33	61	61	21	65	35	68(255)
59.1	17.6	62	62	32	32	75	43	47	23(37)	73	20	67	27
		67	17	71	33(107)	31	31	63	63	17	67	33	71(252)
65.6	16.5	64	64	29	29	78	42	47	19(37)	76	16	70	24
		68	12	75	32(110)	28	28	65	65	12	68	32	75(249)
72.2	15.4	66	66	27	27	82	40	48	16(39)	79	13	72	22
		72	8	77	28(107)	26	26	67	67	8	71	29	77(252)
78.7	13.2	65	65	26	26	82	40	47	15(39)	79	12	72	21
		71	7	77	28(107)	25	25	67	67	7	71	28	77(252)

85.3 11.5 65 65 26 26 82 39 47 14(39) 79 11 72 20
 71 6 77 27(107) 24 24 66 66 6 71 28 77(252)
 91.9 9.9 65 65 25 25 82 39 46 13(39) 79 10 72 20
 71 5 77 27(107) 24 24 66 66 5 71 27 77(252)

 HA= 54.5 HI= 55.8 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 = 68.6 ft Length of jib = 55.8 ft
 Main boom sequence = 0-0-0-0-90 % LK = 13
 Counterweight = 39.7 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
		1(0)		2(...)		3(90)		6(...)						
		A	B	C	D	A	B	C	D		A	B	C	D
16.4	28.2	45	45	54	54	41	54	47	57(59)	42	57	44	55	
		46	58	43	52(128)	54	54	45	45	58	46	52	43(232)	
19.7	27.6	47	47	52	52	45	51	48	53(59)	46	53	47	52	
		48	54	46	50(128)	52	52	47	47	54	48	50	46(232)	
23.0	26.9	49	49	50	50	49	49	49	50(59)	49	49	49	50	
		49	49	49	50(127)	49	49	49	49	49	49	50	49(232)	
26.2	26.2	51	51	48	48	52	47	50	46(59)	52	46	52	47	
		50	45	52	49(128)	47	47	51	51	45	50	49	52(232)	
29.5	25.6	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)	
32.8	24.5	54	54	44	44	59	43	52	40(59)	58	39	56	42	
		52	38	58	47(128)	43	43	54	54	38	52	47	58(232)	
39.4	22.7	56	56	40	40	60	52	43	38(15)	62	34	59	38	
		62	34	59	38(90)	39	39	57	57	34	62	38	59(270)	
45.9	20.9	59	59	37	37	66	49	45	32(27)	66	29	62	34	
		64	27	64	36(98)	36	36	59	59	27	64	36	64(261)	
52.5	19.2	60	60	34	34	70	46	46	27(33)	69	24	65	31	
		65	22	68	34(104)	34	34	61	61	22	65	35	68(255)	
59.1	17.2	61	61	32	32	73	44	47	24(36)	71	21	67	28	
		66	18	70	33(106)	32	32	62	62	18	66	34	70(253)	
65.6	15.2	62	62	31	31	75	42	47	22(37)	73	19	67	26	
		67	15	71	32(108)	30	30	63	63	15	66	33	72(251)	
72.2	13.9	63	63	29	29	77	42	46	19(37)	75	16	69	24	
		67	12	74	32(110)	28	28	64	64	12	67	32	74(249)	
78.7	12.8	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)	
85.3	11.7	65	65	26	26	82	39	47	14(39)	79	11	72	20	
		71	6	77	27(107)	24	24	66	66	6	71	28	77(252)	
91.9	10.1	65	65	25	25	82	39	47	13(39)	79	10	72	20	
		71	5	77	27(107)	24	24	66	66	5	71	27	77(252)	
98.4	8.8	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)	
105.0	7.7	65	65	24	24	82	37	47	12(40)	79	8	72	18	
		71	4	77	26(108)	22	22	66	66	3	70	27	78(251)	
111.5	6.8	65	65	24	24	83	37	46	11(40)	80	7	73	18	
		71	2	78	26(108)	22	22	67	67	2	71	26	78(251)	

 HA= 68.6 HI= 55.8 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 0.0 degrees)
 Length of main boom = 70.2 ft Length of jib = 55.8 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)				4(...)				5(180)				6(...)			
		A	B	C	D	A	B	C	D	A	B	C	D	A	B	C	D	A	B	C	D				
16.4	28.0	45	45	54	54	41	54	47	57(59)	42	57	44	56	46	58	43	52(128)	54	54	45	45	58	46	52	43(232)
19.7	27.3	47	47	52	52	45	51	48	53(59)	45	53	47	53	48	54	46	50(128)	52	52	47	47	54	48	50	46(232)
23.0	26.7	49	49	50	50	49	49	49	50(59)	49	50	49	50	49	50	49	50(127)	49	49	49	49	50	49	50	49(232)
26.2	26.0	51	51	48	48	52	47	50	47(59)	52	46	52	47	50	46	52	49(128)	47	47	51	51	46	50	49	52(232)
29.5	25.4	52	52	46	46	56	45	51	43(59)	55	43	54	45	51	42	55	48(128)	45	45	53	53	42	51	48	55(232)
32.8	24.0	53	53	44	44	58	44	52	41(59)	57	40	55	42	52	39	57	47(128)	43	43	54	54	39	52	47	57(232)
39.4	21.4	55	55	41	41	56	53	42	40(7)	60	35	58	39	60	35	58	39(90)	40	40	56	56	35	60	39	58(270)
45.9	18.5	56	56	39	39	60	51	43	35(18)	62	32	59	36	62	31	60	36(91)	38	38	57	57	31	62	36	60(268)
52.5	17.0	58	58	36	36	65	48	44	31(27)	65	27	62	33	63	26	63	35(99)	35	35	59	59	26	63	35	63(260)
59.1	15.2	59	59	34	34	68	46	45	28(31)	67	24	63	31	64	22	66	34(103)	33	33	60	60	22	63	34	66(256)
65.6	13.4	59	59	33	33	70	44	45	25(34)	69	22	64	29	64	19	67	33(105)	31	31	60	60	19	64	33	68(254)
72.2	12.1	60	60	31	31	72	42	45	22(36)	71	19	66	27	65	16	69	32(107)	30	30	62	62	16	65	32	69(252)
78.7	11.2	62	62	29	29	75	42	45	20(36)	73	16	68	24	66	13	72	31(109)	28	28	63	63	12	65	32	72(250)
85.3	10.4	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)
91.9	9.5	63	63	26	26	79	39	46	15(38)	77	12	71	21	70	7	75	27(106)	25	25	65	65	7	70	28	75(253)
98.4	8.8	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)
105.0	7.7	65	65	24	24	82	37	47	12(40)	79	8	72	18	71	4	77	26(108)	23	23	66	66	3	70	27	78(251)
111.5	6.8	65	65	24	24	83	37	46	11(40)	80	7	73	18	71	2	78	26(108)	22	22	67	67	2	71	26	78(251)

 HA= 70.2 HI= 55.8 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 0.0 degrees)
 Length of main boom = 82.3 ft Length of jib = 55.8 ft
 Main boom sequence = 0-0-0-0-45-90 % LK = 20
 Counterweight = 39.7 kip

Radius Cap. [ft]	Cap. [kip]	Outrigger Loadin[kip]								(Pos.[Degrees])				0-360 Degr.		
		1(0)		2(...)				3(90)								
		4(...)		5(180)				6(...)								
A	B	C	D	A	B	C	D	A	B	C	D					
19.7	26.7	47	47	52	52	44	51	48	53	(59)	45	53	46	53		
		47	54	45	50	(128)	52	52	47	47	54	47	50	45	(232)	
23.0	26.0	49	49	50	50	48	49	49	50	(59)	48	50	49	50		
		49	50	49	49	(127)	49	49	49	49	50	49	49	49	(232)	
26.2	25.4	50	50	48	48	52	47	50	47	(59)	51	46	51	47		
		50	46	52	49	(128)	47	47	51	51	46	50	49	52	(232)	
29.5	24.9	52	52	45	45	56	45	51	43	(59)	55	43	54	45		
		51	42	55	48	(128)	45	45	53	53	42	51	48	55	(232)	
32.8	24.3	54	54	43	43	59	43	52	40	(59)	58	39	56	42		
		58	39	56	42	(90)	43	43	54	54	39	58	42	56	(270)	
39.4	22.9	57	57	40	40	61	52	43	37	(17)	63	33	60	37		
		63	33	60	37	(90)	39	39	58	58	33	63	37	60	(269)	
45.9	21.4	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)	
52.5	19.8	61	61	34	34	72	46	46	26	(34)	71	23	66	30		
		67	20	69	34	(105)	33	33	62	62	20	66	34	69	(254)	
59.1	18.3	63	63	31	31	77	43	48	22	(38)	74	19	69	27		
		68	15	73	33	(108)	30	30	64	64	15	67	33	73	(251)	
65.6	16.8	64	64	29	29	79	42	47	19	(37)	77	16	71	24		
		69	11	75	32	(110)	28	28	65	65	11	68	32	76	(249)	
72.2	15.2	65	65	27	27	82	40	48	16	(39)	79	13	72	22		
		72	8	77	29	(107)	26	26	67	67	8	71	29	77	(252)	
78.7	13.2	65	65	26	26	82	40	47	15	(39)	79	11	72	21		
		72	7	77	28	(107)	25	25	67	67	7	71	28	77	(252)	
85.3	11.5	65	65	26	26	82	39	47	14	(39)	79	10	72	20		
		72	6	77	27	(107)	24	24	67	67	6	71	28	77	(252)	
91.9	9.9	65	65	25	25	82	38	47	13	(40)	79	10	72	19		
		71	5	77	27	(108)	24	24	66	66	5	70	28	78	(251)	
98.4	8.6	65	65	25	25	82	37	47	12	(40)	79	9	72	19		
		71	4	77	26	(108)	23	23	66	66	4	70	27	78	(251)	
105.0	7.5	65	65	24	24	83	37	47	11	(40)	79	8	73	18		
		71	3	78	26	(108)	22	22	67	67	3	70	26	78	(251)	
111.5	6.6	65	65	23	23	84	37	46	11	(40)	80	7	73	17		
		71	2	78	25	(108)	22	22	67	67	2	71	26	78	(251)	
118.1	5.7	65	65	23	23	84	35	47	10	(41)	80	6	73	17		
		71	1	79	25	(109)	21	21	67	67	1	70	26	79	(250)	
124.7	4.9	65	65	23	23	84	35	47	9	(41)	80	6	73	16		
		71	0	79	25	(109)	21	21	67	67	0	70	26	79	(250)	

HA= 82.3 HI= 55.8 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 = 84.0 ft Length of jib = 55.8 ft
Main boom sequence = 0-0-0-0-45-100 % LK = 21
Counterweight = 39.7 kip

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

19.7	26.2	46	46	52	52	44	51	48	54(59)	45	53	46	53
		47	54	45	50(128)	52	52	47	47	54	47	50	45(232)
23.0	25.8	48	48	50	50	48	49	49	50(59)	48	50	49	50
		49	50	49	49(127)	49	49	49	49	50	49	49	49(232)
26.2	25.1	50	50	48	48	52	47	50	47(59)	51	46	51	47
		50	46	52	49(128)	47	47	50	50	46	50	49	52(232)
29.5	24.7	52	52	46	46	55	45	51	43(59)	54	43	53	45
		51	42	55	48(128)	45	45	52	52	42	51	48	55(232)
32.8	24.0	54	54	44	44	59	43	52	40(59)	57	39	56	42
		52	38	57	47(128)	43	43	54	54	38	52	47	57(232)
39.4	22.0	56	56	40	40	59	53	43	38(13)	62	34	59	38
		62	34	59	38(90)	40	40	57	57	34	62	38	59(270)
45.9	20.1	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)
52.5	17.9	59	59	35	35	68	47	45	29(30)	67	26	63	32
		64	24	65	35(102)	34	34	60	60	24	64	35	66(257)
59.1	16.3	60	60	33	33	71	45	46	25(34)	70	22	65	29
		66	19	69	33(105)	32	32	62	62	19	65	34	69(254)
65.6	15.0	62	62	31	31	75	42	47	22(37)	73	19	67	26
		67	15	71	32(108)	30	30	63	63	15	66	33	72(251)
72.2	13.4	63	63	29	29	77	42	46	20(36)	75	16	69	24
		67	12	73	31(109)	28	28	64	64	12	67	32	73(250)
78.7	12.1	63	63	28	28	79	40	46	17(38)	76	14	70	23
		70	10	74	29(106)	26	26	65	65	10	69	29	74(253)
85.3	11.5	65	65	26	26	82	39	47	14(39)	79	11	72	20
		71	6	77	27(107)	24	24	67	67	6	71	28	77(252)
91.9	9.9	65	65	25	25	82	39	46	13(39)	79	10	72	19
		71	5	77	27(107)	24	24	66	66	5	71	27	77(252)
98.4	8.6	65	65	25	25	82	37	47	12(40)	79	9	72	19
		71	4	77	27(108)	23	23	66	66	4	70	27	78(251)
105.0	7.5	65	65	24	24	83	37	47	12(40)	79	8	72	18
		71	3	78	26(108)	22	22	66	66	3	70	26	78(251)
111.5	6.6	65	65	23	23	83	37	46	11(40)	80	7	73	17
		71	2	78	25(108)	22	22	67	67	2	71	26	78(251)
118.1	5.7	65	65	23	23	84	35	47	10(41)	80	6	73	17
		71	1	79	25(109)	21	21	67	67	1	70	26	79(250)
124.7	5.1	65	65	22	22	85	35	47	9(41)	81	5	74	16
		71	0	80	24(109)	20	20	67	67	0	70	25	80(250)

 HA= 84.0 HI= 55.8 GGW= 39.7 SL= 0.0 MAX(A,B,C,D)= 7.9 6.6 7.4 7.4

Main boom and fixed jib (jib angle 0.0 degrees)

Length of main boom = 96.5 ft Length of jib = 55.8 ft

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

Counterweight = 39.7 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
	1(0)		2(...)		3(90)		6(...)						
	A	B	C	D	A	B	C	D	A	B	C	D	
23.0	24.5	48	48	50	50	47	49	49	50(59)	47	50	48	50
		48	50	48	49(127)	49	49	48	48	50	48	49	48(232)
26.2	24.0	49	49	48	48	50	47	50	47(59)	50	47	50	47
		49	46	51	49(127)	47	47	50	50	46	49	49	51(232)

29.5	23.6	51	51	46	46	54	45	50	44(59)	53	43	53	45
		50	42	54	48(128)	45	45	52	52	42	50	48	54(232)
32.8	23.1	53	53	44	44	58	44	52	41(59)	56	40	55	42
		52	39	57	47(128)	43	43	54	54	39	52	47	57(232)
39.4	22.3	56	56	40	40	60	52	43	37(15)	62	34	60	37
		62	34	60	37(90)	39	39	57	57	34	62	37	60(270)
45.9	20.9	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)
52.5	19.8	62	62	34	34	73	45	47	25(35)	72	23	67	29
		67	20	70	34(106)	33	33	63	63	20	66	34	70(253)
59.1	18.7	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)
65.6	17.4	66	66	28	28	82	42	47	17(38)	79	14	72	23
		72	10	77	29(106)	27	27	67	67	10	72	30	77(253)
72.2	15.2	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	78(252)
78.7	13.0	65	65	26	26	82	39	47	15(39)	79	11	72	21
		72	7	77	28(107)	25	25	67	67	7	71	28	77(252)
85.3	11.2	65	65	26	26	82	39	47	14(39)	79	10	72	20
		72	6	77	27(107)	24	24	67	67	6	71	28	77(252)
91.9	9.7	65	65	25	25	82	38	47	13(40)	79	9	72	19
		71	5	77	27(108)	24	24	67	67	5	70	27	78(251)
98.4	8.4	65	65	24	24	83	37	47	12(40)	79	9	72	19
		71	4	78	26(108)	23	23	66	66	4	70	27	78(251)
105.0	7.3	65	65	24	24	83	37	47	11(40)	79	8	73	18
		71	3	78	26(108)	22	22	67	67	3	71	26	78(251)
111.5	6.2	65	65	24	24	83	37	46	11(40)	79	7	73	18
		71	2	78	26(108)	22	22	66	66	2	70	26	78(251)
118.1	5.5	65	65	23	23	84	35	47	9(41)	80	6	73	17
		71	1	79	25(109)	21	21	67	67	0	71	26	79(250)
124.7	4.6	65	65	22	22	84	35	47	9(41)	80	5	73	16
		71	0	79	25(109)	21	21	67	67	0	70	25	79(250)
131.2	4.0	65	65	22	22	85	35	47	8(41)	81	4	73	15
		70	0	80	24(109)	20	20	67	67	0	70	24	80(250)
137.8	3.3	65	65	22	22	85	34	46	8(41)	81	4	74	15
		70	0	81	23(109)	20	20	67	67	0	69	23	81(250)

 HA= 96.5 HI= 55.8 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 0.0 degrees)
 Length of main boom = 100.4 ft Length of jib = 55.8 ft
 Main boom sequence = 0-0-0-0-100-100 % LK = 29
 Counterweight = 39.7 kip

Radius Cap. [ft]	Cap. [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.			
		1(0)		2(...)		3(90)		6(...)					
		A	B	C	D	A	B	C	D	A	B	C	D
23.0	23.8	47	47	50	50	46	49	48	51(59)	46	50	47	50
		47	50	47	49(128)	49	49	48	48	50	47	49	47(232)
26.2	23.4	49	49	48	48	50	47	49	47(59)	49	47	50	48
		49	47	50	49(127)	47	47	50	50	47	49	49	50(232)
29.5	23.1	51	51	46	46	54	45	50	44(59)	53	43	52	45
		50	43	53	48(128)	45	45	52	52	43	50	48	53(232)

32.8	22.7	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)
39.4	21.6	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)
45.9	20.3	58	58	37	37	65	49	45	32(27)	66	29	62	34
		64	27	64	36(98)	36	36	59	59	27	64	36	64(261)
52.5	18.5	60	60	34	34	70	46	45	28(32)	69	24	65	31
		65	22	67	34(104)	34	34	61	61	22	65	35	67(255)
59.1	17.0	62	62	32	32	74	44	47	23(36)	72	21	67	28
		66	17	71	33(107)	31	31	63	63	17	66	34	71(252)
65.6	15.7	63	63	30	30	78	41	48	20(39)	75	17	69	25
		68	13	74	32(109)	29	29	64	64	13	67	32	74(250)
72.2	14.6	65	65	28	28	80	41	47	17(38)	78	13	71	22
		71	9	76	28(106)	26	26	66	66	9	71	29	76(253)
78.7	13.0	65	65	26	26	82	39	47	15(39)	79	11	72	21
		72	7	77	28(107)	25	25	67	67	7	71	28	77(252)
85.3	11.2	65	65	26	26	82	39	47	14(39)	79	10	72	20
		72	6	77	27(107)	24	24	67	67	6	71	28	77(252)
91.9	9.7	65	65	25	25	82	38	47	13(40)	79	9	72	19
		71	5	77	27(108)	24	24	67	67	5	71	27	78(251)
98.4	8.4	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(251)
105.0	7.3	65	65	24	24	83	37	47	11(40)	79	8	73	18
		71	3	78	26(108)	22	22	67	67	3	71	26	78(251)
111.5	6.2	65	65	24	24	83	37	46	11(40)	79	7	73	18
		71	2	78	26(108)	22	22	66	66	2	70	26	78(251)
118.1	5.5	65	65	23	23	84	35	47	9(41)	80	6	73	16
		71	0	79	25(109)	21	21	67	67	0	71	26	79(250)
124.7	4.6	65	65	22	22	84	35	47	9(41)	80	5	73	16
		71	0	79	25(109)	21	21	67	67	0	70	25	79(250)
131.2	4.0	65	65	22	22	85	35	47	8(41)	81	4	74	15
		70	0	80	24(109)	20	20	67	67	0	70	24	81(250)
137.8	3.1	65	65	22	22	84	35	46	9(41)	80	5	73	16
		70	0	79	24(109)	20	20	67	67	0	69	24	80(250)

HA=100.4 HI= 55.8 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 = 110.2 ft Length of jib = 55.8 ft
Main boom sequence = 0-0-0-45-90-90 % LK = 36
Counterweight = 39.7 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
	1(0)		2(...)		3(90)		6(...)						
	A	B	C	D	A	B	C	D					
26.2	23.1	49	49	48	48	50	47	49	47(59)	50	46	50	47
		49	46	50	48(127)	47	47	50	50	46	49	48	50(232)
29.5	22.9	51	51	46	46	54	45	50	44(59)	53	43	53	45
		50	42	54	47(128)	45	45	52	52	42	50	47	54(232)
32.8	22.5	53	53	44	44	58	43	51	41(59)	56	40	55	42
		51	38	57	47(128)	43	43	54	54	38	51	47	57(232)
39.4	21.6	56	56	40	40	60	52	43	37(15)	62	33	59	37
		62	33	59	37(90)	39	39	57	57	33	62	37	59(270)

45.9	20.7	59	59	36	36	68	48	45	30(29)	67	27	63	33
		65	25	65	35(101)	35	35	60	60	25	65	36	66(258)
52.5	19.6	62	62	33	33	74	44	47	25(36)	72	22	67	29
		67	19	71	34(106)	32	32	63	63	19	67	34	71(253)
59.1	18.7	65	65	30	30	79	43	47	20(37)	77	17	71	25
		69	13	75	32(110)	29	29	66	66	12	69	33	76(249)
65.6	17.4	67	67	27	27	83	41	48	16(39)	80	13	73	22
		73	8	78	29(107)	26	26	68	68	8	72	29	78(252)
72.2	14.8	66	66	27	27	83	40	47	15(39)	80	12	73	21
		72	7	78	28(107)	25	25	67	67	7	72	28	78(252)
78.7	12.6	65	65	26	26	83	39	47	14(39)	79	11	73	20
		72	6	77	27(107)	25	25	67	67	6	71	28	78(252)
85.3	10.8	65	65	25	25	83	38	47	13(40)	80	10	73	19
		71	5	78	27(108)	24	24	67	67	5	71	28	78(251)
91.9	9.3	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)
98.4	7.9	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)
105.0	6.8	65	65	23	23	84	37	46	11(40)	80	7	73	17
		71	2	78	25(108)	22	22	67	67	2	71	26	78(251)
111.5	5.7	65	65	23	23	84	36	46	10(40)	80	6	73	17
		71	2	78	25(108)	21	21	67	67	1	71	26	78(251)
118.1	4.9	65	65	22	22	84	35	47	9(41)	80	6	73	16
		71	0	79	25(109)	21	21	67	67	0	70	26	79(250)
124.7	4.0	65	65	22	22	84	35	47	9(41)	80	5	73	16
		71	0	79	25(109)	20	20	67	67	0	70	25	79(250)
131.2	3.3	65	65	22	22	84	35	46	8(41)	80	4	73	15
		70	0	80	23(109)	20	20	67	67	0	69	24	80(250)
137.8	2.4	65	65	22	22	84	34	46	9(41)	80	5	73	16
		70	0	79	24(109)	20	20	67	67	0	69	24	80(250)

 HA=110.2 HI= 55.8 GGW= 39.7 SL= 0.0 MAX(A,B,C,D)= 7.8 6.7 7.5 7.5

Main boom and fixed jib (jib angle 0.0 degrees)

Length of main boom = 114.5 ft Length of jib = 55.8 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)		6(...)					
		4(...)		5(180)		6(...)							
		A	B	C	D	A	B	C	D				
26.2	22.5	49	49	48	48	49	47	49	47(59)	49	47	49	48
		49	47	50	48(127)	47	47	49	49	47	49	48	50(232)
29.5	22.3	50	50	46	46	53	45	50	44(59)	52	43	52	45
		50	43	53	47(128)	45	45	51	51	43	50	47	53(232)
32.8	21.8	52	52	44	44	57	43	51	41(59)	55	40	54	43
		51	39	56	47(128)	43	43	53	53	39	51	47	56(232)
39.4	20.9	56	56	40	40	58	52	43	38(12)	61	34	59	38
		61	34	59	38(90)	39	39	56	56	34	61	38	59(270)
45.9	20.3	59	59	37	37	67	48	45	31(28)	67	28	63	33
		64	26	65	35(100)	36	36	60	60	26	64	36	65(259)
52.5	19.0	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)

59.1	17.6	63	63	31	31	77	42	48	21(38)	75	19	69	26
		68	15	73	33(109)	30	30	64	64	14	67	33	73(250)
65.6	16.3	65	65	28	28	80	41	47	18(38)	78	15	71	23
		69	10	77	32(111)	27	27	66	66	10	68	32	77(248)
72.2	14.8	66	66	27	27	83	40	47	15(39)	80	12	73	21
		72	7	78	28(107)	25	25	67	67	7	72	28	78(252)
78.7	12.6	65	65	26	26	83	39	47	14(39)	79	11	73	20
		72	6	77	27(107)	25	25	67	67	6	71	28	78(252)
85.3	10.8	65	65	25	25	83	38	47	13(40)	80	10	73	19
		71	5	78	27(108)	24	24	67	67	5	71	28	78(251)
91.9	9.3	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)
98.4	7.9	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)
105.0	6.8	65	65	23	23	84	37	47	11(40)	80	7	73	17
		71	2	78	25(108)	22	22	67	67	2	71	26	78(251)
111.5	5.7	65	65	23	23	84	36	46	10(40)	80	6	73	17
		71	2	78	25(108)	21	21	67	67	1	71	26	78(251)
118.1	4.9	65	65	22	22	84	35	47	9(41)	80	6	73	16
		71	0	79	25(109)	21	21	67	67	0	70	26	79(250)
124.7	4.0	65	65	22	22	84	35	47	9(41)	80	5	73	16
		71	0	79	25(109)	20	20	67	67	0	70	25	79(250)
131.2	3.3	65	65	22	22	84	35	46	8(41)	80	4	73	15
		70	0	80	23(109)	20	20	67	67	0	69	24	81(250)
137.8	2.4	65	65	22	22	84	34	46	9(41)	80	5	73	15
		70	0	79	24(109)	20	20	67	67	0	69	24	80(250)

 HA=114.5 HI= 55.8 GGW= 39.7 SL= 0.0 MAX(A,B,C,D)= 7.8 6.7 7.5 7.5

Main boom and fixed jib (jib angle 0.0 degrees)
 Length of main boom = 124.3 ft Length of jib = 55.8 ft
 Main boom sequence = 0-0-0-90-90-90 % LK = 45
 Counterweight = 39.7 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
	1(0)		2(...)		3(90)		6(...)						
	A	B	C	D	A	B	C	D	A	B	C	D	
29.5	21.6	50	50	46	46	53	45	50	44(59)	52	43	52	45
		50	43	53	47(128)	45	45	51	51	43	50	47	53(232)
32.8	21.4	52	52	44	44	57	43	51	41(59)	56	40	54	42
		51	39	56	47(128)	43	43	53	53	39	51	47	56(232)
39.4	20.7	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)
45.9	19.8	59	59	36	36	67	48	45	30(29)	67	28	63	33
		65	26	65	35(100)	35	35	60	60	26	64	35	65(259)
52.5	19.2	62	62	33	33	74	44	47	24(36)	72	22	67	29
		67	18	71	34(107)	32	32	63	63	18	66	34	71(252)
59.1	18.3	65	65	30	30	79	43	47	19(37)	77	16	71	24
		69	12	76	32(110)	29	29	66	66	12	69	33	76(249)
65.6	17.0	67	67	27	27	84	41	48	15(39)	80	12	73	21
		73	8	78	28(107)	26	26	68	68	8	73	29	78(252)
72.2	14.3	66	66	26	26	83	40	47	14(39)	80	11	73	21
		73	7	78	28(107)	25	25	67	67	7	72	28	78(252)

78.7	12.1	66	66	26	26	83	39	48	13(40)	80	10	73	20
	72	6	78	28(108)		24	24	67	67	6	71	28	78(251)
85.3	10.4	65	65	25	25	83	38	47	13(40)	80	9	73	19
	71	4	78	27(108)		24	24	67	67	4	71	27	78(251)
91.9	8.8	65	65	24	24	83	37	47	12(40)	80	8	73	18
	71	4	78	26(108)		23	23	67	67	3	71	27	78(251)
98.4	7.5	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)
105.0	6.4	65	65	23	23	84	36	47	10(41)	80	6	73	17
	71	1	79	26(109)		21	21	67	67	1	71	26	79(250)
111.5	5.3	65	65	23	23	84	35	47	9(41)	80	6	73	17
	71	1	79	25(109)		21	21	67	67	0	70	26	79(250)
118.1	4.4	65	65	22	22	84	35	47	9(41)	80	5	73	16
	71	0	79	24(109)		20	20	67	67	0	70	25	80(250)
124.7	3.5	65	65	22	22	84	35	46	8(41)	80	5	73	16
	70	0	80	24(109)		20	20	67	67	0	70	24	80(250)
131.2	2.6	65	65	22	22	84	34	46	8(41)	80	4	73	15
	70	0	80	24(109)		20	20	67	67	0	69	24	80(250)

 HA=124.3 HI= 55.8 GGW= 39.7 SL= 0.0 MAX(A,B,C,D)= 7.8 6.7 7.4 7.5

Main boom and fixed jib (jib angle 0.0 degrees)
 Length of main boom = 130.9 ft Length of jib = 55.8 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)		6(...)						
	A	B	C	D	A	B	C	D	A	B	C	D	
32.8	20.3	51	51	44	44	55	44	50	42(59)	54	41	53	43
		50	39	55	47(128)	43	43	52	52	39	50	47	55(232)
39.4	19.8	55	55	40	40	57	53	42	39(10)	60	34	58	38
		60	34	58	38(90)	39	39	56	56	34	60	38	58(270)
45.9	19.2	58	58	37	37	66	49	44	31(27)	66	28	62	34
		64	27	64	35(99)	36	36	59	59	26	64	36	64(260)
52.5	18.5	61	61	33	33	73	45	47	25(35)	71	22	66	29
		66	19	70	34(106)	32	32	62	62	19	66	34	70(253)
59.1	17.4	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)
65.6	16.5	66	66	28	28	83	41	48	16(39)	80	13	73	22
		72	9	77	29(107)	26	26	67	67	8	72	29	78(252)
72.2	14.3	66	66	26	26	83	40	47	14(39)	80	11	73	21
		73	7	78	28(107)	25	25	67	67	6	72	28	78(252)
78.7	12.1	66	66	26	26	83	38	48	13(40)	80	10	73	20
		72	5	78	28(108)	24	24	67	67	5	71	28	78(251)
85.3	10.1	65	65	25	25	83	38	47	13(40)	79	9	73	19
		71	5	78	27(108)	24	24	67	67	5	71	28	78(251)
91.9	8.6	65	65	24	24	83	37	47	12(40)	79	9	73	19
		71	4	78	26(108)	23	23	67	67	4	71	27	78(251)
98.4	7.5	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)
105.0	6.2	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)

111.5	5.3	65	65	22	22	84	35	47	9(41)	80	6	73	16
	71	0	79	25(109)	21	21	67	67	0	71	26	79(250)	
118.1	4.2	65	65	22	22	84	35	47	9(41)	80	6	73	16
	71	0	79	25(109)	21	21	67	67	0	70	26	79(250)	
124.7	3.3	65	65	22	22	84	35	46	9(41)	80	5	73	16
	70	0	79	24(109)	20	20	67	67	0	70	25	79(250)	
131.2	2.6	65	65	22	22	84	34	46	8(41)	80	4	73	15
	70	0	80	23(109)	20	20	67	67	0	69	23	81(250)	

 HA=130.9 HI= 55.8 GGW= 39.7 SL= 0.0 MAX(A,B,C,D)= 7.8 6.7 7.5 7.5

Main boom and fixed jib (jib angle 0.0 degrees)

Length of main boom = 138.1 ft Length of jib = 55.8 ft

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

Counterweight = 39.7 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
	1(0)		2(...)		3(90)		6(...)						
	A	B	C	D	A	B	C	D	A	B	C	D	
32.8	20.5	52	52	43	43	57	43	51	41(59)	55	39	54	42
		51	38	56	46(128)	43	43	53	53	38	51	46	56(232)
39.4	20.1	56	56	39	39	60	52	43	37(16)	62	33	59	37
		62	33	59	37(90)	39	39	57	57	33	62	37	59(270)
45.9	19.4	59	59	36	36	68	47	45	30(30)	67	27	63	32
		65	25	65	35(101)	35	35	60	60	24	65	35	66(258)
52.5	18.7	62	62	32	32	75	44	47	23(37)	73	21	68	28
		67	17	71	33(107)	31	31	63	63	17	67	34	72(252)
59.1	18.1	65	65	29	29	81	42	48	18(38)	78	15	72	24
		69	10	77	32(111)	28	28	66	66	10	69	32	77(248)
65.6	16.1	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)
72.2	13.7	66	66	26	26	84	39	48	14(40)	80	10	73	20
		72	6	78	28(108)	25	25	67	67	6	72	28	79(251)
78.7	11.5	66	66	25	25	84	38	47	13(40)	80	9	73	19
		72	5	78	27(108)	24	24	67	67	5	71	28	78(251)
85.3	9.5	65	65	25	25	83	38	47	12(40)	80	9	73	19
		71	4	78	27(108)	23	23	67	67	4	71	27	78(251)
91.9	8.2	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)
98.4	6.8	65	65	23	23	84	36	47	10(41)	80	6	73	17
		71	1	79	26(109)	21	21	67	67	1	71	26	79(250)
105.0	5.7	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)
111.5	4.4	65	65	22	22	84	35	47	9(41)	80	6	73	16
		71	0	79	25(109)	21	21	67	67	0	70	26	79(250)
118.1	3.5	65	65	22	22	84	35	46	9(41)	80	5	73	16
		70	0	80	24(109)	20	20	67	67	0	70	24	80(250)
124.7	2.6	65	65	22	22	84	34	46	8(41)	80	4	73	15
		70	0	80	23(109)	20	20	67	67	0	69	24	80(250)

 HA=138.1 HI= 55.8 GGW= 39.7 SL= 0.0 MAX(A,B,C,D)= 7.9 6.7 7.4 7.5

Main boom and fixed jib (jib angle 0.0 degrees)

Length of main boom = 145.0 ft Length of jib = 55.8 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)					
		A	B	C	D	A	B	C	D	A	B	C	D		
39.4	19.0	55	55	40	40	57	52	42	38	(10)	60	34	58	38	
		60	34	58	38	(90)	39	39	56	56	34	60	38	58	(270)
45.9	18.5	58	58	36	36	66	48	45	31	(28)	66	28	62	33	
		64	26	64	35	(99)	35	35	59	59	26	64	35	64	(260)
52.5	17.9	62	62	33	33	73	45	46	25	(35)	71	22	67	29	
		66	19	70	34	(106)	32	32	62	62	19	66	34	70	(253)
59.1	17.4	65	65	29	29	79	43	47	19	(37)	77	16	71	24	
		69	12	76	32	(110)	28	28	66	66	11	69	32	76	(249)
65.6	15.9	66	66	27	27	83	40	48	15	(39)	80	12	73	21	
		73	8	78	28	(107)	26	26	67	67	8	72	29	78	(252)
72.2	13.4	66	66	26	26	83	40	47	14	(39)	80	11	73	20	
		73	6	78	27	(107)	25	25	67	67	6	72	28	78	(252)
78.7	11.2	65	65	25	25	83	38	47	13	(40)	80	10	73	20	
		71	5	78	27	(108)	24	24	67	67	5	71	28	78	(251)
85.3	9.5	65	65	25	25	83	38	47	12	(40)	80	9	73	19	
		71	4	78	27	(108)	23	23	67	67	4	71	27	78	(251)
91.9	7.9	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)
98.4	6.6	65	65	23	23	84	37	46	11	(40)	80	7	73	17	
		71	2	78	25	(108)	22	22	67	67	2	71	26	78	(251)
105.0	5.5	65	65	23	23	84	35	47	10	(41)	80	6	73	17	
		71	1	79	25	(109)	21	21	67	67	1	71	26	79	(250)
111.5	4.4	65	65	22	22	84	35	47	9	(41)	80	5	73	16	
		71	0	79	25	(109)	21	21	67	67	0	70	26	79	(250)
118.1	3.3	65	65	22	22	84	35	46	9	(41)	80	5	73	16	
		70	0	78	25	(109)	20	20	67	67	0	70	25	79	(250)
124.7	2.4	64	64	22	22	84	34	46	9	(41)	80	5	73	16	
		70	0	79	24	(109)	20	20	66	66	0	69	24	79	(250)

HA=145.0 HI= 55.8 GGW= 39.7 SL= 0.0 MAX(A,B,C,D)= 7.8 6.7 7.3 7.4

Main boom and fixed jib (jib angle 0.0 degrees)
 Length of main boom = 152.2 ft Length of jib = 55.8 ft
 Main boom sequence = 0-0-90-90-90-90 % LK = 62
 Counterweight = 39.7 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]								(Pos.[Degrees])				0-360 Degr.	
		1(0)				2(...)				3(90)					
		A	B	C	D	A	B	C	D	A	B	C	D		
39.4	19.0	55	55	39	39	59	52	42	37	(14)	61	33	59	37	
		61	33	59	37	(90)	39	39	56	56	33	61	37	59	(270)
45.9	18.5	59	59	36	36	67	47	45	30	(30)	67	26	63	32	
		65	24	65	35	(101)	35	35	60	60	24	64	35	65	(258)
52.5	17.9	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)

59.1	17.4	65	65	28	28	81	42	48	18(38)	78	15	72	23
		69	10	77	32(111)	28	28	67	67	10	69	32	77(248)
65.6	14.6	65	65	27	27	81	40	47	16(39)	78	13	72	22
		71	9	77	29(107)	26	26	66	66	9	71	29	77(252)
72.2	12.3	65	65	26	26	82	39	47	15(39)	79	11	72	21
		72	7	77	28(107)	25	25	67	67	7	71	28	77(252)
78.7	10.1	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)
85.3	8.6	65	65	25	25	83	37	47	12(40)	79	9	72	19
		71	4	78	27(108)	23	23	67	67	4	70	27	78(251)
91.9	7.1	65	65	24	24	83	37	47	12(40)	79	8	72	18
		71	3	78	26(108)	22	22	66	66	3	70	26	78(251)
98.4	5.7	65	65	24	24	83	36	46	11(40)	79	7	73	17
		71	2	78	25(108)	22	22	66	66	2	70	26	78(251)
105.0	4.6	65	65	23	23	83	36	46	10(40)	80	6	73	17
		71	1	78	25(108)	21	21	67	67	1	71	25	78(251)
111.5	3.5	65	65	22	22	83	35	46	9(41)	80	6	73	16
		70	0	78	25(109)	21	21	66	66	0	70	26	78(250)
118.1	2.6	65	65	22	22	84	35	46	9(41)	80	5	73	16
		70	0	79	24(109)	20	20	67	67	0	69	24	79(250)

HA=152.2 HI= 55.8 GGW= 39.7 SL= 0.0 MAX(A,B,C,D)= 7.8 6.6 7.3 7.4

Main boom and fixed jib (jib angle 0.0 degrees)

Length of main boom = 161.4 ft Length of jib = 55.8 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)		6(...)					
		4(...)		5(180)		6(...)							
		A	B	C	D	A	B	C	D				
45.9	17.4	58	58	36	36	65	48	44	31(27)	66	28	62	33
		63	26	64	35(99)	35	35	59	59	26	63	35	64(260)
52.5	17.0	61	61	33	33	73	44	46	24(35)	71	21	66	28
		66	18	70	33(106)	32	32	62	62	18	66	34	70(253)
59.1	16.5	64	64	29	29	79	42	47	19(37)	77	16	71	24
		69	11	75	32(110)	28	28	65	65	11	68	32	76(249)
65.6	14.1	65	65	28	28	80	41	47	17(38)	78	13	71	22
		71	9	76	28(106)	26	26	66	66	9	71	29	76(253)
72.2	11.7	64	64	27	27	81	39	47	15(39)	78	12	71	21
		71	8	76	28(107)	25	25	66	66	8	70	29	76(252)
78.7	9.7	64	64	26	26	81	39	47	14(39)	78	11	71	20
		71	7	76	27(107)	24	24	66	66	6	70	28	76(252)
85.3	8.2	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)
91.9	6.6	64	64	24	24	82	37	46	12(40)	78	9	72	19
		70	4	77	26(108)	23	23	66	66	4	70	27	77(251)
98.4	5.3	64	64	24	24	82	36	46	11(40)	78	8	72	18
		70	3	77	26(108)	22	22	66	66	3	69	26	77(251)
105.0	4.2	64	64	23	23	82	36	46	11(40)	78	7	72	17
		70	2	77	25(108)	21	21	66	66	2	70	26	77(251)
111.5	3.3	64	64	22	22	83	36	46	10(40)	79	6	73	17
		71	1	78	24(108)	21	21	66	66	1	70	25	78(251)

118.1 2.2 64 64 22 22 82 35 45 10(40) 79 6 72 16
 70 1 77 24(108) 21 21 66 66 1 70 25 78(251)

HA=161.4 HI= 55.8 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 = 166.0 ft Length of jib = 55.8 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(...)								
	A	B	C	D	A	B	C	D	A	B	C	D	
45.9	17.9	59	59	35	35	68	47	45	29(31)	68	26	64	32
		65	23	66	34(102)	34	34	60	60	23	64	35	66(257)
52.5	17.4	63	63	31	31	76	43	47	22(37)	74	19	68	27
		67	16	72	33(108)	30	30	64	64	15	67	33	72(251)
59.1	15.4	64	64	29	29	79	42	47	19(37)	76	16	70	24
		68	11	75	32(110)	28	28	65	65	11	68	32	75(249)
65.6	12.8	64	64	28	28	79	41	47	17(38)	77	14	71	22
		70	10	75	29(106)	26	26	65	65	10	70	29	75(253)
72.2	10.6	64	64	27	27	80	40	46	16(38)	77	12	71	21
		71	8	75	28(106)	25	25	65	65	8	70	28	75(253)
78.7	8.6	64	64	26	26	80	39	46	15(39)	77	11	71	21
		70	7	75	27(107)	24	24	65	65	6	69	28	76(252)
85.3	6.8	63	63	25	25	80	38	46	14(39)	77	10	71	20
		70	6	75	27(107)	24	24	65	65	6	69	27	76(252)
91.9	5.5	63	63	24	24	81	37	45	13(39)	78	9	71	19
		70	4	76	26(107)	23	23	65	65	4	69	26	76(252)
98.4	4.2	63	63	24	24	81	36	46	12(40)	78	8	71	18
		69	3	76	26(108)	22	22	65	65	3	69	26	77(251)
105.0	3.1	63	63	23	23	81	36	46	11(40)	78	7	71	17
		69	2	77	25(108)	21	21	65	65	2	69	26	77(251)

HA=166.0 HI= 55.8 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 = 175.5 ft Length of jib = 55.8 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(...)								
	A	B	C	D	A	B	C	D	A	B	C	D	
45.9	16.8	58	58	36	36	66	47	44	30(29)	66	27	62	32
		64	25	64	35(100)	35	35	59	59	25	63	35	64(259)
52.5	16.3	62	62	32	32	74	43	47	23(36)	72	21	67	28
		66	17	70	33(107)	31	31	63	63	17	66	34	71(252)
59.1	15.0	63	63	29	29	78	42	47	19(37)	76	16	70	24
		68	12	74	32(110)	28	28	65	65	12	67	32	75(249)
65.6	12.3	63	63	28	28	78	41	46	18(37)	76	14	70	23
		68	10	75	31(110)	27	27	65	65	10	67	31	75(249)

72.2	10.1	63	63	27	27	79	40	46	16(38)	76	13	70	22
		70	9	74	28(106)	26	26	65	65	9	69	28	75(253)
78.7	8.2	63	63	26	26	79	39	45	15(38)	76	12	70	21
		70	7	75	27(106)	25	25	65	65	7	69	28	75(253)
85.3	6.6	63	63	25	25	80	38	46	14(39)	77	10	71	20
		69	6	75	27(107)	24	24	65	65	6	69	27	75(252)
91.9	5.1	63	63	25	25	80	37	45	13(39)	77	9	70	19
		69	5	75	26(107)	23	23	65	65	5	69	27	75(252)
98.4	4.0	63	63	24	24	80	37	45	12(39)	77	8	71	18
		70	4	76	26(107)	22	22	65	65	4	69	26	76(252)
105.0	2.9	63	63	24	24	81	36	46	11(40)	77	7	71	18
		69	3	76	25(108)	22	22	65	65	3	69	26	76(251)

HA=175.5 HI= 55.8 GGW= 39.7 SL= 0.0 MAX(A,B,C,D)= 7.5 6.4 7.1 7.1

Main boom and fixed jib (jib angle 0.0 degrees)
 Length of main boom = 180.1 ft Length of jib = 55.8 ft
 Main boom sequence = 0-90-90-90-90-90 % LK = 73
 Counterweight = 39.7 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.			
		1(0)		2(...)		3(90)		6(...)					
		A	B	C	D	A	B	C	D				
45.9	17.0	59	59	35	35	68	46	45	28(31)	68	25	64	31
		65	23	66	34(102)	34	34	60	60	23	64	34	66(257)
52.5	16.8	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)
59.1	13.7	63	63	29	29	77	42	46	20(36)	75	16	69	24
		67	12	73	31(109)	28	28	64	64	12	67	32	73(250)
65.6	11.2	63	63	28	28	78	41	46	18(37)	75	14	69	23
		67	10	74	31(110)	27	27	64	64	10	67	31	74(249)
72.2	9.0	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)
78.7	7.1	62	62	26	26	78	39	45	15(38)	75	12	69	21
		69	8	74	27(106)	25	25	64	64	8	68	28	74(253)
85.3	5.5	63	63	26	26	79	38	45	14(39)	76	11	70	20
		69	6	74	27(107)	24	24	64	64	6	68	27	75(252)
91.9	4.0	62	62	25	25	78	37	45	14(39)	76	10	70	20
		68	6	74	26(107)	23	23	64	64	6	68	27	75(252)
98.4	2.9	62	62	24	24	79	37	45	13(39)	76	9	70	19
		69	4	75	26(107)	22	22	64	64	4	68	26	75(252)

HA=180.1 HI= 55.8 GGW= 39.7 SL= 0.0 MAX(A,B,C,D)= 7.4 6.4 6.9 7.0

Main boom and fixed jib (jib angle 0.0 degrees)
 Length of main boom = 191.9 ft Length of jib = 55.8 ft
 Main boom sequence = 0-100-100-100-100-100 % LK = 74
 Counterweight = 39.7 kip

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

52.5	15.2	61	61	32	32	73	43	46	23(36)	72	20	67	27
		66	17	70	33(107)	31	31	62	62	17	66	33	71(252)
59.1	13.0	62	62	30	30	76	41	47	20(38)	74	17	68	25
		67	13	73	32(109)	28	28	63	63	13	66	32	73(250)
65.6	10.6	62	62	28	28	77	41	46	19(37)	74	15	69	24
		66	11	73	31(110)	27	27	64	64	11	66	31	73(249)
72.2	8.4	62	62	28	28	77	40	45	17(37)	74	14	69	22
		69	10	73	28(105)	26	26	64	64	10	68	28	73(254)
78.7	6.6	62	62	27	27	77	39	45	16(38)	75	12	69	21
		68	8	73	27(106)	25	25	64	64	8	68	28	73(253)
85.3	4.9	62	62	26	26	77	38	45	15(38)	75	11	69	21
		68	7	73	27(106)	24	24	63	63	7	68	27	73(253)
91.9	3.5	62	62	25	25	78	38	45	14(38)	75	10	69	20
		68	6	73	26(106)	23	23	64	64	6	68	27	74(253)
98.4	2.4	62	62	24	24	78	37	45	13(39)	75	9	69	19
		68	5	74	26(107)	22	22	64	64	5	68	26	74(252)

 HA=191.9 HI= 55.8 GGW= 39.7 SL= 0.0 MAX(A,B,C,D)= 7.3 6.3 6.9 6.9

Main boom and fixed jib (jib angle 0.0 degrees)
 Length of main boom = 193.9 ft Length of jib = 55.8 ft
 Main boom sequence = 45-90-90-90-90-90 % LK = 76
 Counterweight = 39.7 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
	1(0)				2(...)								
	4(...)				5(180)				6(...)				
	A	B	C	D	A	B	C	D	A	B	C	D	
52.5	14.6	62	62	31	31	74	42	47	22(37)	72	19	67	27
		66	16	71	32(107)	30	30	63	63	16	66	33	71(252)
59.1	11.7	62	62	30	30	75	41	46	20(38)	73	17	68	25
		66	13	72	32(109)	28	28	63	63	13	65	32	72(250)
65.6	9.0	61	61	29	29	75	41	45	19(36)	73	15	68	24
		66	11	72	31(109)	27	27	63	63	11	65	31	72(250)
72.2	7.1	61	61	28	28	76	40	45	17(37)	73	14	68	22
		65	9	73	30(110)	26	26	63	63	9	65	30	73(249)
78.7	5.3	61	61	27	27	76	39	44	16(37)	74	12	68	22
		68	9	72	27(105)	25	25	63	63	9	68	27	73(254)
85.3	3.7	61	61	26	26	77	38	45	15(38)	74	11	69	21
		68	7	73	27(106)	24	24	63	63	7	67	27	73(253)
91.9	2.4	62	62	25	25	77	37	44	14(38)	75	10	69	20
		68	6	73	26(106)	23	23	63	63	6	67	26	73(253)

 HA=193.9 HI= 55.8 GGW= 39.7 SL= 0.0 MAX(A,B,C,D)= 7.2 6.3 6.8 6.8

Main boom and fixed jib (jib angle 0.0 degrees)
 Length of main boom = 205.7 ft Length of jib = 55.8 ft
 Main boom sequence = 45-100-100-100-100-100 % LK = 77
 Counterweight = 39.7 kip

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

52.5	13.4	60	60	32	32	72	43	45	24(35)	70	21	66	28
		65	17	69	32(106)	31	31	62	62	17	65	33	69(253)
59.1	11.0	61	61	30	30	74	41	46	21(37)	72	18	67	26
		65	14	71	32(108)	29	29	62	62	14	65	32	71(251)
65.6	8.6	61	61	29	29	74	41	45	19(36)	72	16	67	24
		65	12	71	31(109)	27	27	62	62	12	65	31	71(250)
72.2	6.6	61	61	28	28	75	40	44	18(36)	73	14	67	23
		65	10	72	30(109)	26	26	63	63	10	65	30	72(250)
78.7	4.9	61	61	27	27	75	39	44	17(37)	73	13	68	22
		67	9	72	27(105)	25	25	63	63	9	67	28	72(254)
85.3	3.3	61	61	26	26	76	39	44	16(37)	73	12	68	21
		67	8	72	27(105)	24	24	63	63	8	67	27	72(254)

 HA=205.7 HI= 55.8 GGW= 39.7 SL= 0.0 MAX(A,B,C,D)= 7.0 6.2 6.7 6.7

Main boom and fixed jib (jib angle 0.0 degrees)
 Length of main boom = 208.0 ft Length of jib = 55.8 ft
 Main boom sequence = 90-90-90-90-90 % LK = 78
 Counterweight = 39.7 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.			
		1(0)		2(...)		3(90)		6(...)					
		A	B	C	D	A	B	C	D				
52.5	12.6	60	60	32	32	72	43	46	23(36)	71	20	66	27
		65	17	69	32(107)	30	30	62	62	17	65	33	69(252)
59.1	9.7	60	60	30	30	73	41	45	21(37)	71	18	66	26
		65	14	70	32(108)	29	29	62	62	14	64	32	70(251)
65.6	7.3	60	60	29	29	73	41	44	20(35)	71	16	66	24
		65	12	70	30(108)	27	27	62	62	12	64	31	71(251)
72.2	5.3	60	60	28	28	74	40	44	18(36)	72	15	67	23
		65	11	71	30(109)	26	26	62	62	10	64	30	71(250)
78.7	3.5	60	60	27	27	74	39	44	17(37)	72	13	67	22
		66	10	71	27(105)	25	25	62	62	9	66	28	71(254)

 HA=208.0 HI= 55.8 GGW= 39.7 SL= 0.0 MAX(A,B,C,D)= 6.9 6.1 6.6 6.6

HA=208.0 HI= 55.8 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
 14.10.2003, 15:37:22
 Eingabedatei: ilam.dat
 Festdatei : /berechnung/tabellen/zentraledaten/lamosfd-ac/200-1.99dat
 Tabellendat.: /berechnung/tabellen/ac/ac200-1/serie_3/pc_tab/22137312_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 = 55.8 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(...)							
	4(...)				5(180)				6(...)			
	A	B	C	D	A	B	C	D	A	B	C	D
29.5 21.2	46	46	50	50	44	49	47	51(59)	45	50	46	50
	46	51	45	49(128)	49	49	47	47	51	46	49	45(232)
32.8 20.3	47	47	48	48	47	47	48	48(59)	47	48	48	48
	47	48	48	48(127)	47	47	48	48	48	47	48	48(232)
39.4 18.5	49	49	45	45	52	44	49	43(59)	51	42	51	44
	49	42	52	47(128)	44	44	50	50	42	49	47	52(232)
45.9 17.2	52	52	42	42	57	41	50	39(59)	55	37	54	41
	50	36	56	45(128)	41	41	53	53	36	50	45	56(232)
52.5 16.1	54	54	39	39	56	51	41	37(11)	59	33	57	37
	59	33	57	37(90)	38	38	55	55	33	59	37	57(270)
59.1 15.0	56	56	37	37	62	48	43	32(24)	63	28	60	34
	62	27	61	35(96)	35	35	57	57	27	62	35	61(263)
65.6 14.1	58	58	34	34	68	45	44	27(31)	67	24	63	30
	63	22	66	34(103)	33	33	60	60	21	63	34	66(256)
72.2 13.4	61	61	31	31	73	43	46	22(36)	71	19	66	27
	65	16	70	32(107)	30	30	62	62	16	65	32	70(252)
78.7 13.0	63	63	28	28	78	41	46	18(37)	76	14	70	23
	68	10	75	31(110)	27	27	65	65	10	67	31	75(249)

HA= 40.7 HI= 55.8 GGW= 39.7 SL= 0.0 MAX(A,B,C,D)= 7.3 6.2 6.9 7.0

Main boom and fixed jib (jib angle 20.0 degrees)
 Length of main boom = 54.5 ft Length of jib = 55.8 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)				6(...)			
	A	B	C	D	A	B	C	D	A	B	C	D
32.8 20.5	47	47	48	48	47	47	48	49(59)	47	48	48	48
	47	48	48	48(127)	48	48	48	48	48	47	48	48(232)
39.4 19.0	50	50	45	45	52	44	49	43(59)	51	42	51	44
	49	42	52	47(128)	44	44	50	50	42	49	47	52(232)
45.9 17.6	52	52	42	42	57	41	51	39(59)	56	37	54	41
	50	36	56	45(128)	41	41	53	53	36	50	45	56(232)
52.5 16.5	54	54	39	39	57	51	41	37(11)	60	33	58	37
	60	33	58	37(90)	38	38	55	55	33	60	37	58(270)
59.1 15.4	56	56	37	37	62	48	43	32(24)	63	28	60	34
	62	27	61	35(96)	35	35	57	57	27	62	35	62(263)

65.6	14.8	59	59	34	34	68	45	45	27(32)	68	24	63	30
		64	21	66	34(103)	33	33	60	60	21	64	34	66(256)
72.2	13.9	61	61	31	31	73	43	46	23(36)	71	20	66	27
		65	16	70	32(107)	30	30	62	62	16	65	33	70(252)
78.7	13.2	63	63	29	29	77	41	46	19(37)	75	15	69	24
		67	11	74	31(110)	28	28	64	64	11	67	32	74(249)
85.3	12.3	65	65	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)
91.9	10.6	64	64	26	26	81	39	47	14(39)	78	11	71	20
		71	7	76	27(107)	24	24	66	66	6	70	28	76(252)

HA= 54.5 HI= 55.8 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 = 68.6 ft Length of jib = 55.8 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)		6(...)						
	A	B	C	D	A	B	C	D					
39.4	18.7	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	17.6	52	52	42	42	57	42	50	39(59)	55	38	54	41
		50	36	56	45(128)	41	41	53	53	36	50	45	56(232)
52.5	16.5	54	54	39	39	56	52	41	38(10)	59	33	57	37
		59	33	57	37(90)	38	38	55	55	33	59	37	57(270)
59.1	15.4	56	56	37	37	62	49	43	33(23)	63	29	60	34
		62	28	61	35(95)	36	36	57	57	28	62	35	61(264)
65.6	14.3	58	58	35	35	66	46	44	28(30)	66	25	62	31
		63	23	64	34(101)	33	33	59	59	23	63	34	65(258)
72.2	13.2	59	59	33	33	70	44	45	25(34)	69	22	64	29
		64	19	67	33(105)	31	31	61	61	19	64	33	68(254)
78.7	12.1	60	60	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)
85.3	11.2	62	62	29	29	76	42	45	19(36)	74	16	68	24
		66	12	73	31(109)	27	27	63	63	11	66	31	73(250)
91.9	10.6	63	63	27	27	79	40	46	16(38)	77	12	70	21
		70	8	75	28(106)	25	25	65	65	8	70	28	75(253)
98.4	9.5	64	64	26	26	81	39	46	14(39)	78	10	71	20
		71	6	76	27(107)	24	24	66	66	6	70	27	76(252)
105.0	8.2	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	7.1	65	65	24	24	82	37	46	12(40)	79	8	72	18
		71	3	77	26(108)	22	22	66	66	3	70	26	78(251)

HA= 68.6 HI= 55.8 GGW= 39.7 SL= 0.0 MAX(A,B,C,D)= 7.6 6.5 7.2 7.2

Main boom and fixed jib (jib angle 20.0 degrees)

Length of main boom = 70.2 ft Length of jib = 55.8 ft

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

Counterweight = 39.7 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]								(Pos.[Degrees])				0-360 Degr.					
	1(0)				2(...)				3(90)									
	4(...)				5(180)				6(...)									
	A	B	C	D	A	B	C	D	A	B	C	D	A	B	C	D		
39.4	18.7	49	49	45	45	51	45	49	44	(59)	51	43	51	45				
		49	42	52	47(128)	45	45	50	50		42	49	47	52(232)				
45.9	16.8	51	51	43	43	55	42	50	40	(59)	54	39	53	42				
		49	38	54	46(128)	42	42	52	52		38	49	46	54(232)				
52.5	15.2	52	52	41	41	58	40	51	37	(59)	57	35	55	39				
		57	35	55	39(90)	39	39	54	54		35	57	39	55(270)				
59.1	13.7	54	54	38	38	56	50	41	36	(13)	59	32	57	36				
		59	32	57	36(90)	37	37	55	55		32	59	36	57(270)				
65.6	12.6	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)				
72.2	11.5	56	56	34	34	64	46	43	29	(28)	64	25	61	31				
		62	23	63	34(100)	33	33	58	58		23	62	34	63(259)				
78.7	10.6	58	58	33	33	68	43	44	26	(33)	67	22	63	29				
		63	20	66	33(104)	31	31	59	59		19	63	33	66(255)				
85.3	9.7	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)				
91.9	9.0	60	60	29	29	73	42	44	20	(35)	72	16	67	24				
		65	13	71	31(108)	28	28	62	62		13	65	31	71(251)				
98.4	8.6	62	62	27	27	77	39	45	17	(38)	75	13	69	22				
		69	9	73	28(106)	26	26	64	64		9	68	28	73(253)				
105.0	7.9	63	63	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)				
111.5	7.1	64	64	24	24	82	37	46	12	(40)	78	8	72	19				
		70	4	77	26(108)	22	22	66	66		4	70	27	77(251)				

HA= 70.2 HI= 55.8 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 20.0 degrees)

Length of main boom = 82.3 ft Length of jib = 55.8 ft

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

Counterweight = 39.7 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]								(Pos.[Degrees])				0-360 Degr.					
	1(0)				2(...)				3(90)									
	4(...)				5(180)				6(...)									
	A	B	C	D	A	B	C	D	A	B	C	D	A	B	C	D		
39.4	18.7	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	17.6	52	52	42	42	57	42	51	39	(59)	56	37	54	41				
		50	36	56	45(128)	41	41	53	53		36	50	45	56(232)				
52.5	16.8	54	54	39	39	57	51	41	37	(12)	60	33	58	37				
		60	33	58	37(90)	38	38	56	56		33	60	37	58(270)				
59.1	15.7	56	56	37	37	63	48	43	32	(25)	63	28	60	34				
		62	27	62	35(97)	35	35	58	58		27	62	35	62(262)				
65.6	14.8	59	59	34	34	68	45	45	27	(32)	67	24	63	30				
		64	22	66	34(103)	33	33	60	60		22	63	34	66(256)				
72.2	13.9	60	60	32	32	73	43	46	23	(36)	71	20	66	27				
		66	17	69	32(106)	30	30	62	62		17	65	33	69(253)				
78.7	13.0	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	11.9	63	63	28	28	78	40	46	17(38)	76	14	70	23
		70	10	74	29(106)	26	26	65	65	10	69	29	74(253)
91.9	11.0	65	65	26	26	81	39	47	14(39)	78	11	72	21
		71	7	77	27(107)	25	25	66	66	6	70	28	77(252)
98.4	9.5	64	64	26	26	81	39	46	14(39)	78	10	72	20
		71	6	76	27(107)	24	24	66	66	6	70	27	77(252)
105.0	8.2	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	7.1	64	64	24	24	82	37	46	12(40)	78	8	72	19
		70	4	77	26(108)	22	22	66	66	4	70	27	77(251)
118.1	6.2	65	65	23	23	83	36	46	11(40)	79	7	73	17
		71	2	78	25(108)	22	22	67	67	2	71	26	78(251)
124.7	5.3	65	65	22	22	84	35	47	9(41)	80	6	73	16
		71	0	79	25(109)	21	21	67	67	0	70	26	79(250)

HA= 82.3 HI= 55.8 GGW= 39.7 SL= 0.0 MAX(A,B,C,D)= 7.8 6.6 7.3 7.4

Main boom and fixed jib (jib angle 20.0 degrees)

Length of main boom = 84.0 ft Length of jib = 55.8 ft

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

Counterweight = 39.7 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.			
		1(0)		2(...)		3(90)		6(...)					
		4(...)		5(180)		6(...)							
		A	B	C	D	A	B	C	D	A	B	C	D
39.4	18.7	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	17.2	51	51	43	43	56	42	50	39(59)	55	38	54	41
		50	37	56	45(128)	41	41	52	52	37	50	45	56(232)
52.5	15.7	53	53	40	40	53	53	40	40(2)	58	34	56	38
		58	34	56	38(90)	39	39	54	54	34	58	38	56(270)
59.1	14.3	55	55	38	38	59	49	42	35(18)	61	30	58	35
		61	30	59	35(91)	37	37	56	56	30	60	35	59(268)
65.6	13.2	56	56	35	35	63	47	43	30(26)	64	27	61	32
		62	25	62	34(98)	34	34	58	58	25	62	34	62(261)
72.2	12.1	58	58	34	34	67	45	44	27(31)	66	24	63	30
		63	21	65	33(102)	32	32	59	59	21	63	33	65(257)
78.7	11.5	60	60	31	31	71	43	45	23(35)	69	20	65	27
		65	17	68	32(106)	30	30	61	61	17	64	32	69(253)
85.3	10.6	61	61	30	30	74	40	46	20(38)	72	17	67	25
		65	13	71	31(108)	28	28	62	62	13	65	32	71(251)
91.9	9.9	62	62	28	28	77	40	45	17(37)	75	14	69	23
		67	9	74	30(110)	26	26	64	64	9	66	31	74(249)
98.4	9.3	64	64	26	26	80	39	46	15(39)	77	11	71	21
		70	7	76	27(107)	24	24	65	65	6	69	28	76(252)
105.0	8.2	64	64	25	25	81	38	46	13(39)	78	9	71	19
		71	5	76	26(107)	23	23	66	66	5	70	27	77(252)
111.5	7.1	64	64	24	24	82	37	46	12(40)	78	9	72	19
		70	4	77	26(108)	23	23	66	66	4	70	27	77(251)
118.1	6.2	65	65	24	24	83	36	46	11(40)	79	7	72	18
		71	2	78	26(108)	22	22	66	66	2	70	26	78(251)
124.7	5.3	65	65	23	23	84	35	47	10(41)	80	6	73	17
		71	1	78	25(109)	21	21	67	67	1	70	26	79(250)

 HA= 84.0 HI= 55.8 GGW= 39.7 SL= 0.0 MAX(A,B,C,D)= 7.8 6.5 7.3 7.3

Main boom and fixed jib (jib angle 20.0 degrees)
 Length of main boom = 96.5 ft Length of jib = 55.8 ft
 Main boom sequence = 0-0-0-0-90-90 % LK = 28
 Counterweight = 39.7 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
	1(0)				2(...)								
	4(...)				5(180)								
	A	B	C	D	A	B	C	D	6(...)				
45.9	17.4	52	52	42	42	57	42	50	39(59)	55	37	54	41
		50	36	56	45(128)	41	41	53	53	36	50	45	56(232)
52.5	16.8	54	54	39	39	58	51	42	37(13)	60	32	58	37
		60	32	58	37(90)	38	38	56	56	32	60	37	58(270)
59.1	15.9	57	57	36	36	64	48	43	31(26)	64	28	61	33
		63	26	62	35(98)	35	35	58	58	26	62	35	63(261)
65.6	15.0	59	59	34	34	69	45	45	27(32)	68	23	64	30
		64	21	67	34(104)	32	32	60	60	21	64	34	67(255)
72.2	14.1	61	61	31	31	73	43	46	22(36)	72	19	67	27
		66	16	70	32(107)	30	30	62	62	16	65	33	70(252)
78.7	13.4	63	63	29	29	78	41	46	19(37)	75	15	69	24
		67	11	74	31(110)	28	28	64	64	11	67	32	74(249)
85.3	12.6	65	65	27	27	81	39	47	15(39)	78	12	72	21
		71	8	76	28(107)	25	25	66	66	7	70	28	77(252)
91.9	10.8	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)
98.4	9.5	65	65	25	25	82	38	46	13(39)	78	10	72	20
		71	6	77	27(107)	24	24	66	66	5	71	27	77(252)
105.0	8.2	64	64	25	25	82	37	47	13(40)	78	9	72	19
		70	4	77	27(108)	23	23	66	66	4	70	27	77(251)
111.5	7.1	64	64	24	24	82	37	46	12(40)	79	8	72	18
		71	4	77	26(108)	22	22	66	66	3	70	27	77(251)
118.1	6.2	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)
124.7	5.3	65	65	23	23	84	35	47	10(41)	80	6	73	17
		71	1	79	25(109)	21	21	67	67	1	70	26	79(250)
131.2	4.4	65	65	22	22	84	35	47	9(41)	80	5	73	16
		71	0	79	25(109)	20	20	67	67	0	70	25	79(250)
137.8	3.5	65	65	22	22	84	35	46	9(41)	80	5	73	16
		70	0	80	24(109)	20	20	67	67	0	69	24	80(250)

 HA= 96.5 HI= 55.8 GGW= 39.7 SL= 0.0 MAX(A,B,C,D)= 7.8 6.6 7.4 7.4

Main boom and fixed jib (jib angle 20.0 degrees)
 Length of main boom = 100.4 ft Length of jib = 55.8 ft
 Main boom sequence = 0-0-0-0-100-100 % LK = 29
 Counterweight = 39.7 kip

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

45.9	17.2	52	52	42	42	56	42	50	39(59)	55	38	54	41
		50	37	56	45(128)	41	41	52	52	37	50	45	56(232)
52.5	15.9	54	54	40	40	55	52	41	39(7)	59	34	57	38
		59	34	57	38(90)	39	39	55	55	34	59	38	57(270)
59.1	14.8	55	55	37	37	61	49	42	33(21)	62	29	59	34
		61	29	60	35(94)	36	36	57	57	29	61	35	60(265)
65.6	13.7	57	57	35	35	65	46	44	29(29)	65	26	62	32
		63	24	63	34(100)	34	34	58	58	24	63	34	64(259)
72.2	12.8	59	59	33	33	69	44	45	25(33)	68	22	64	29
		64	19	67	33(104)	31	31	60	60	19	64	33	67(255)
78.7	11.9	60	60	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)
85.3	11.2	62	62	28	28	77	41	46	19(37)	74	15	69	24
		67	11	73	31(110)	27	27	64	64	11	66	31	73(249)
91.9	10.6	64	64	26	26	80	39	47	15(39)	77	12	71	21
		70	7	75	28(107)	25	25	65	65	7	70	28	76(252)
98.4	9.5	65	65	25	25	82	39	46	13(39)	78	10	72	20
		71	6	77	27(107)	24	24	66	66	5	70	27	77(252)
105.0	8.2	64	64	25	25	82	38	46	13(39)	78	9	72	19
		71	5	77	26(107)	23	23	66	66	5	70	27	77(252)
111.5	7.1	64	64	24	24	82	37	46	12(40)	79	8	72	18
		71	4	77	26(108)	22	22	66	66	3	70	27	77(251)
118.1	6.2	65	65	23	23	83	36	46	11(40)	79	7	73	17
		71	2	78	25(108)	22	22	67	67	2	71	26	78(251)
124.7	5.3	65	65	23	23	84	35	47	10(41)	80	6	73	17
		71	1	78	25(109)	21	21	67	67	1	70	26	79(250)
131.2	4.4	65	65	22	22	84	35	47	9(41)	80	6	73	16
		71	0	79	25(109)	21	21	67	67	0	70	26	79(250)
137.8	3.5	65	65	22	22	84	35	46	9(41)	80	5	73	16
		70	0	79	24(109)	20	20	67	67	0	70	25	79(250)

HA=100.4 HI= 55.8 GGW= 39.7 SL= 0.0 MAX(A,B,C,D)= 7.8 6.6 7.3 7.4

Main boom and fixed jib (jib angle 20.0 degrees)

Length of main boom = 110.2 ft Length of jib = 55.8 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				
45.9	17.4	52	52	42	42	58	41	51	38(59)	56	37	55	40
		56	37	55	40(90)	41	41	53	53	37	56	40	55(270)
52.5	16.5	55	55	39	39	58	51	42	36(15)	60	32	58	36
		60	32	58	36(90)	38	38	56	56	32	60	36	58(270)
59.1	15.9	57	57	36	36	65	47	44	30(28)	65	27	62	33
		63	25	63	35(99)	35	35	58	58	25	63	35	63(260)
65.6	15.2	60	60	33	33	71	44	45	25(34)	70	22	65	29
		65	19	68	33(105)	32	32	61	61	19	65	34	68(254)
72.2	14.6	62	62	30	30	76	41	47	21(38)	74	18	68	25
		67	14	73	32(109)	29	29	63	63	14	66	32	73(250)
78.7	13.7	64	64	28	28	80	41	47	17(38)	77	14	71	22
		71	10	75	29(106)	27	27	65	65	10	70	29	75(253)

85.3	12.1	65	65	27	27	81	39	47	15(39)	78	12	72	21
		71	7	76	28(107)	25	25	66	66	7	70	28	77(252)
91.9	10.6	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	9.0	65	65	25	25	82	38	46	13(39)	78	10	72	19
		71	5	77	27(107)	24	24	66	66	5	70	27	77(252)
105.0	7.7	64	64	25	25	82	37	47	13(40)	78	9	72	19
		70	4	77	27(108)	23	23	66	66	4	70	27	77(251)
111.5	6.6	64	64	24	24	82	37	46	12(40)	79	8	72	18
		71	3	77	26(108)	22	22	66	66	3	70	26	77(251)
118.1	5.7	65	65	23	23	83	36	46	11(40)	79	7	73	17
		71	2	78	25(108)	21	21	67	67	2	71	26	78(251)
124.7	4.9	65	65	23	23	84	35	47	9(41)	80	6	73	17
		71	1	78	25(109)	21	21	67	67	0	70	26	79(250)
131.2	4.0	65	65	22	22	84	35	47	9(41)	80	5	73	16
		71	0	79	25(109)	20	20	67	67	0	70	25	79(250)
137.8	3.1	65	65	22	22	84	35	46	9(41)	80	5	73	16
		70	0	79	24(109)	20	20	67	67	0	69	25	79(250)
144.4	2.4	65	65	21	21	84	34	46	8(41)	80	4	73	15
		69	0	80	23(109)	19	19	67	67	0	69	23	81(250)

HA=110.2 HI= 55.8 GGW= 39.7 SL= 0.0 MAX(A,B,C,D)= 7.8 6.6 7.5 7.5

Main boom and fixed jib (jib angle 20.0 degrees)

Length of main boom = 114.5 ft Length of jib = 55.8 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)		6(...)		
		4(...)		5(180)		6(...)				
		A	B	C	D	A	B	C	D	
52.5	16.1	54	54	39	39	57	51	41	37(12)	60 33 58 37
		60	33	58	37(90)	38	38	55	55	33 60 37 58(270)
59.1	15.0	56	56	37	37	62	48	43	32(24)	63 28 60 34
		62	27	61	35(96)	35	35	57	57	27 62 35 62(263)
65.6	13.9	58	58	34	34	67	45	44	28(31)	67 24 63 31
		63	22	65	34(102)	33	33	59	59	22 63 34 65(257)
72.2	13.2	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)
78.7	12.3	62	62	30	30	76	41	46	20(38)	73 17 68 25
		66	13	72	31(109)	28	28	63	63	13 66 32 73(250)
85.3	11.5	63	63	28	28	79	40	46	17(38)	76 13 70 22
		70	9	74	28(106)	26	26	65	65	9 69 29 75(253)
91.9	10.6	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	9.0	64	64	25	25	82	38	46	13(39)	78 10 72 20
		71	5	77	27(107)	24	24	66	66	5 70 27 77(252)
105.0	7.7	64	64	25	25	82	37	47	13(40)	78 9 72 19
		70	4	77	27(108)	23	23	66	66	4 70 27 77(251)
111.5	6.6	64	64	24	24	82	37	46	12(40)	79 8 72 18
		70	3	77	26(108)	22	22	66	66	3 70 26 77(251)
118.1	5.7	65	65	23	23	83	36	46	11(40)	79 7 73 17
		71	2	78	25(108)	22	22	67	67	2 70 26 78(251)

124.7	4.9	65	65	23	23	84	35	47	10(41)	80	6	73	17
	71	1	78	25(109)	21	21	67	67	1	70	26	79(250)	
131.2	4.0	65	65	22	22	84	35	47	9(41)	80	5	73	16
	71	0	78	25(109)	21	21	67	67	0	70	25	79(250)	
137.8	3.1	65	65	22	22	84	35	46	9(41)	80	5	73	16
	70	0	78	25(109)	20	20	67	67	0	69	25	79(250)	
144.4	2.4	65	65	22	22	84	34	46	8(41)	80	4	73	15
	70	0	80	23(109)	20	20	67	67	0	69	24	80(250)	

 HA=114.5 HI= 55.8 GGW= 39.7 SL= 0.0 MAX(A,B,C,D)= 7.8 6.6 7.4 7.5

Main boom and fixed jib (jib angle 20.0 degrees)
 Length of main boom = 124.3 ft Length of jib = 55.8 ft
 Main boom sequence = 0-0-0-90-90-90 % LK = 45
 Counterweight = 39.7 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
	1(0)		2(...)		3(90)		4(...)						
	A	B	C	D	A	B	C	D					
52.5	16.3	55	55	39	39	58	50	42	36(16)	61	32	58	36
		61	32	58	36(90)	37	37	56	56	32	61	36	58(270)
59.1	15.7	58	58	35	35	65	47	44	30(28)	65	26	62	32
		63	25	64	35(100)	34	34	59	59	25	63	35	64(259)
65.6	15.0	60	60	33	33	71	44	46	25(35)	70	22	65	29
		65	19	68	33(105)	32	32	61	61	19	65	33	69(254)
72.2	14.6	63	63	30	30	77	41	47	20(39)	75	17	69	25
		67	13	73	32(109)	28	28	64	64	13	67	32	73(250)
78.7	13.9	65	65	27	27	82	40	47	15(39)	79	12	72	21
		71	8	77	28(107)	26	26	66	66	8	71	29	77(252)
85.3	11.9	65	65	26	26	82	39	47	15(39)	78	11	72	21
		71	7	77	28(107)	25	25	66	66	7	71	28	77(252)
91.9	10.1	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)
98.4	8.8	65	65	25	25	82	37	47	13(40)	79	9	72	19
		71	4	77	27(108)	23	23	66	66	4	70	27	78(251)
105.0	7.5	65	65	24	24	82	37	47	12(40)	79	8	72	18
		71	4	77	26(108)	23	23	66	66	3	70	27	78(251)
111.5	6.4	65	65	24	24	83	37	46	11(40)	79	7	73	18
		71	2	78	26(108)	22	22	67	67	2	70	26	78(251)
118.1	5.5	65	65	23	23	84	35	47	10(41)	80	6	73	17
		71	1	79	25(109)	21	21	67	67	1	70	26	79(250)
124.7	4.4	65	65	23	23	84	35	47	10(41)	80	6	73	17
		71	1	78	25(109)	21	21	67	67	1	70	26	78(250)
131.2	3.5	65	65	22	22	84	35	46	9(41)	80	5	73	16
		71	0	78	25(109)	20	20	67	67	0	70	25	79(250)
137.8	2.6	64	64	22	22	83	35	46	9(41)	79	5	73	16
		70	0	78	24(109)	20	20	66	66	0	69	25	79(250)

 HA=124.3 HI= 55.8 GGW= 39.7 SL= 0.0 MAX(A,B,C,D)= 7.8 6.6 7.3 7.3

Main boom and fixed jib (jib angle 20.0 degrees)
 Length of main boom = 130.9 ft Length of jib = 55.8 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		
52.5	15.9	54	54	39	39	58	51	42	37(14)	60	32	58	37
		60	32	58	37(90)	38	38	55	55	32	60	37	58(270)
59.1	15.0	57	57	36	36	64	48	43	31(26)	64	27	61	33
		62	26	62	35(98)	35	35	58	58	26	62	35	62(261)
65.6	14.1	59	59	34	34	69	45	45	26(33)	68	23	64	30
		64	21	67	34(104)	32	32	60	60	21	64	34	67(255)
72.2	13.2	61	61	31	31	73	42	46	22(37)	71	19	67	27
		66	16	70	32(107)	30	30	62	62	16	65	32	70(252)
78.7	12.6	63	63	28	28	78	41	46	18(37)	75	15	69	24
		67	11	74	31(110)	27	27	64	64	11	67	32	74(249)
85.3	11.9	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(252)
91.9	10.1	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)
98.4	8.6	64	64	25	25	82	38	46	13(39)	78	9	72	19
		71	5	77	26(107)	24	24	66	66	5	70	27	77(252)
105.0	7.5	65	65	24	24	83	37	47	12(40)	79	8	72	18
		71	3	78	26(108)	22	22	66	66	3	70	27	78(251)
111.5	6.4	65	65	24	24	83	37	46	11(40)	80	7	73	18
		71	2	78	26(108)	22	22	67	67	2	71	26	78(251)
118.1	5.3	65	65	23	23	83	36	46	10(40)	79	7	73	17
		71	2	78	25(108)	21	21	67	67	2	70	26	78(251)
124.7	4.4	65	65	23	23	84	35	47	9(41)	80	6	73	17
		71	1	78	25(109)	21	21	67	67	0	70	26	79(250)
131.2	3.5	65	65	22	22	84	35	46	9(41)	80	5	73	16
		71	0	79	25(109)	20	20	67	67	0	70	25	79(250)
137.8	2.6	64	64	22	22	84	35	46	9(41)	80	5	73	16
		70	0	78	24(109)	20	20	66	66	0	69	25	79(250)

HA=130.9 HI= 55.8 GGW= 39.7 SL= 0.0 MAX(A,B,C,D)= 7.8 6.6 7.3 7.3

Main boom and fixed jib (jib angle 20.0 degrees)

Length of main boom = 138.1 ft Length of jib = 55.8 ft

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

Counterweight = 39.7 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
	1(0)				2(...)					3(90)			
	4(...)				5(180)					6(...)			
A	B	C	D	A	B	C	D	A	B	C	D		
59.1	15.4	58	58	35	35	66	47	44	29(29)	66	26	62	32
		63	24	65	34(101)	34	34	59	59	24	63	34	65(258)
65.6	15.0	61	61	32	32	73	43	46	23(36)	71	20	66	28
		66	17	70	33(107)	31	31	62	62	17	65	33	70(252)
72.2	14.3	63	63	29	29	78	42	46	19(37)	76	16	70	24
		68	11	75	32(110)	28	28	65	65	11	67	32	75(249)
78.7	13.4	65	65	26	26	82	40	47	15(39)	79	12	72	21
		72	7	77	28(107)	25	25	67	67	7	71	28	77(252)

85.3	11.2	65	65	26	26	82	39	47	14(39)	78	11	72	21
	71	7	77	27(107)		25	25	66	66	6	71	28	77(252)
91.9	9.7	65	65	25	25	82	38	47	13(40)	79	9	72	19
	71	5	77	27(108)		24	24	67	67	5	70	28	78(251)
98.4	8.2	65	65	25	25	82	37	47	12(40)	79	9	72	19
	71	4	77	26(108)		23	23	66	66	4	70	27	78(251)
105.0	6.8	65	65	24	24	82	37	46	11(40)	79	8	72	18
	71	3	78	26(108)		22	22	66	66	3	70	26	78(251)
111.5	5.7	65	65	23	23	83	36	46	11(40)	79	7	73	17
	71	2	78	25(108)		22	22	67	67	2	70	26	78(251)
118.1	4.9	65	65	22	22	84	35	47	9(41)	80	6	73	16
	71	0	79	25(109)		21	21	67	67	0	70	26	79(250)
124.7	3.7	65	65	22	22	84	35	46	9(41)	80	6	73	16
	71	0	78	25(109)		21	21	67	67	0	70	26	79(250)
131.2	2.9	65	65	22	22	84	35	46	9(41)	80	5	73	16
	70	0	79	24(109)		20	20	67	67	0	69	25	79(250)

 HA=138.1 HI= 55.8 GGW= 39.7 SL= 0.0 MAX(A,B,C,D)= 7.8 6.6 7.3 7.4

Main boom and fixed jib (jib angle 20.0 degrees)

Length of main boom = 145.0 ft Length of jib = 55.8 ft

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

Counterweight = 39.7 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
	1(0)		2(...)		3(90)								
	4(...)	5(180)	6(...)										
A B C D	A B C D	A B C D	A B C D										
59.1	15.0	57	57	35	35	65	47	44	30(28)	65	26	62	32
		63	24	64	34(100)	34	34	59	59	24	63	35	64(259)
65.6	14.3	60	60	32	32	71	43	46	24(35)	70	21	65	28
		65	19	68	33(105)	31	31	61	61	18	65	33	69(254)
72.2	13.4	62	62	30	30	76	41	47	20(38)	73	17	68	25
		67	13	72	32(109)	29	29	63	63	13	66	32	73(250)
78.7	12.8	64	64	27	27	80	40	47	16(38)	77	13	71	22
		71	9	75	28(106)	26	26	66	66	9	70	29	76(253)
85.3	11.2	65	65	26	26	82	39	47	14(39)	78	11	72	20
		71	6	77	27(107)	25	25	66	66	6	71	28	77(252)
91.9	9.7	65	65	25	25	82	38	47	13(40)	79	9	72	19
		71	5	77	27(108)	24	24	67	67	5	71	28	78(251)
98.4	8.2	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)
105.0	6.8	65	65	24	24	83	37	46	11(40)	79	8	72	18
		71	3	78	26(108)	22	22	66	66	3	70	26	78(251)
111.5	5.7	65	65	23	23	83	36	46	11(40)	79	7	73	17
		71	2	78	25(108)	22	22	67	67	2	71	26	78(251)
118.1	4.9	65	65	22	22	84	35	47	9(41)	80	6	73	16
		71	0	79	25(109)	21	21	67	67	0	70	26	79(250)
124.7	3.7	65	65	22	22	84	35	46	9(41)	80	5	73	16
		71	0	78	25(109)	21	21	67	67	0	70	25	79(250)
131.2	2.9	65	65	22	22	84	35	46	9(41)	80	5	73	16
		70	0	79	24(109)	20	20	67	67	0	69	24	79(250)

 HA=145.0 HI= 55.8 GGW= 39.7 SL= 0.0 MAX(A,B,C,D)= 7.8 6.6 7.3 7.4

 Main boom and fixed jib (jib angle 20.0 degrees)
 Length of main boom = 152.2 ft Length of jib = 55.8 ft
 Main boom sequence = 0-0-90-90-90-90 % LK = 62
 Counterweight = 39.7 kip

Radius Cap. [ft]	Cap. [kip]	Outrigger Loadin[kip]								(Pos.[Degrees])				0-360 Degr.	
		1(0)				2(...)				3(90)					
		4(...)				5(180)				6(...)					
A	B	C	D	A	B	C	D	A	B	C	D				
59.1	15.2	58	58	35	35	67	46	44	28	(30)	67	25	63	31	
		64	23	65	34(102)	34	34	60	60		23	63	34	65(257)	
65.6	14.6	61	61	32	32	73	43	46	23	(36)	71	20	67	27	
		66	17	70	33(107)	30	30	62	62		17	65	33	70(252)	
72.2	14.1	64	64	28	28	79	42	46	18	(37)	77	15	70	23	
		68	10	75	31(110)	27	27	65	65		10	68	31	75(249)	
78.7	12.8	65	65	26	26	82	39	47	15	(39)	79	11	72	21	
		71	7	77	28(107)	25	25	67	67		7	71	28	77(252)	
85.3	10.8	65	65	26	26	82	39	47	14	(39)	79	10	72	20	
		71	6	77	27(107)	24	24	66	66		6	71	28	77(252)	
91.9	9.0	65	65	25	25	82	38	47	13	(40)	79	9	72	19	
		71	5	77	27(108)	24	24	66	66		5	70	27	77(251)	
98.4	7.5	65	65	24	24	82	37	47	12	(40)	79	9	72	19	
		71	4	77	26(108)	23	23	66	66		4	70	27	77(251)	
105.0	6.2	64	64	24	24	82	37	46	11	(40)	79	8	72	18	
		71	3	77	26(108)	22	22	66	66		3	70	26	78(251)	
111.5	5.1	65	65	23	23	83	36	46	11	(40)	79	7	72	17	
		71	2	78	25(108)	21	21	66	66		2	70	26	78(251)	
118.1	4.0	64	64	23	23	83	36	46	10	(40)	79	6	72	17	
		71	1	78	25(108)	21	21	66	66		1	70	25	78(251)	
124.7	3.1	64	64	22	22	83	35	46	9	(41)	80	5	73	16	
		70	0	78	25(109)	20	20	66	66		0	70	25	78(250)	
131.2	2.2	64	64	22	22	84	34	46	9	(41)	80	5	73	16	
		70	0	79	24(109)	20	20	66	66		0	69	24	79(250)	

 HA=152.2 HI= 55.8 GGW= 39.7 SL= 0.0 MAX(A,B,C,D)= 7.8 6.6 7.3 7.4

Main boom and fixed jib (jib angle 20.0 degrees)
 Length of main boom = 161.4 ft Length of jib = 55.8 ft
 Main boom sequence = 0-0-100-100-100-100 % LK = 63
 Counterweight = 39.7 kip

Radius Cap. [ft]	Cap. [kip]	Outrigger Loadin[kip]								(Pos.[Degrees])				0-360 Degr.	
		1(0)				2(...)				3(90)					
		4(...)				5(180)				6(...)					
A	B	C	D	A	B	C	D	A	B	C	D				
65.6	14.1	60	60	32	32	72	43	46	23	(36)	71	21	66	28	
		66	17	69	33(106)	31	31	62	62		17	65	33	69(253)	
72.2	13.4	63	63	29	29	77	42	46	19	(37)	75	16	69	24	
		67	11	74	32(110)	28	28	64	64		11	67	32	74(249)	
78.7	12.3	65	65	27	27	81	40	47	15	(39)	78	12	71	21	
		71	8	76	28(107)	26	26	66	66		8	70	29	76(252)	
85.3	10.4	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)	

91.9	8.8	65	65	25	25	82	38	46	13(39)	78	10	72	19
		71	5	77	27(107)	24	24	66	66	5	70	27	77(252)
98.4	7.3	64	64	25	25	82	37	47	13(40)	78	9	72	19
		70	4	77	26(108)	23	23	66	66	4	70	27	77(251)
105.0	6.0	64	64	24	24	82	37	46	12(40)	78	8	72	18
		70	3	77	26(108)	22	22	66	66	3	70	26	77(251)
111.5	4.9	64	64	24	24	82	36	46	11(40)	79	7	72	17
		70	2	77	25(108)	22	22	66	66	2	70	26	77(251)
118.1	3.7	64	64	23	23	82	36	46	11(40)	79	7	72	17
		70	2	77	25(108)	21	21	66	66	2	70	26	77(251)
124.7	2.9	64	64	22	22	83	35	46	10(40)	79	6	72	17
		71	1	78	24(108)	21	21	66	66	1	70	25	78(251)

HA=161.4 HI= 55.8 GGW= 39.7 SL= 0.0 MAX(A,B,C,D)= 7.7 6.5 7.2 7.2

Main boom and fixed jib (jib angle 20.0 degrees)

Length of main boom = 166.0 ft Length of jib = 55.8 ft

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

Counterweight = 39.7 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.			
		1(0)		2(...)		3(90)		6(...)					
		A	B	C	D	A	B	C	D				
65.6	14.6	62	62	31	31	75	42	47	21(38)	73	18	68	26
		67	15	72	32(108)	29	29	63	63	15	66	32	72(251)
72.2	13.4	64	64	28	28	79	41	47	17(38)	77	14	71	23
		68	9	76	31(111)	27	27	65	65	9	67	32	76(248)
78.7	11.2	64	64	27	27	80	40	46	16(38)	77	13	71	22
		70	9	75	28(106)	26	26	65	65	9	70	28	75(253)
85.3	9.5	64	64	26	26	80	39	46	15(39)	77	11	71	21
		70	7	76	27(107)	24	24	65	65	7	70	28	76(252)
91.9	7.7	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)
98.4	6.2	63	63	25	25	80	38	46	13(39)	77	9	71	19
		70	5	76	26(107)	23	23	65	65	5	69	27	76(252)
105.0	5.1	64	64	24	24	81	36	46	12(40)	78	8	71	18
		70	4	77	26(108)	22	22	65	65	3	69	26	77(251)
111.5	3.7	63	63	24	24	81	36	46	12(40)	77	8	71	18
		69	3	76	26(108)	22	22	65	65	3	69	26	76(251)
118.1	2.9	64	64	23	23	82	36	46	11(40)	78	7	72	17
		70	2	77	25(108)	21	21	66	66	2	69	26	77(251)

HA=166.0 HI= 55.8 GGW= 39.7 SL= 0.0 MAX(A,B,C,D)= 7.6 6.5 7.1 7.1

Main boom and fixed jib (jib angle 20.0 degrees)

Length of main boom = 175.5 ft Length of jib = 55.8 ft

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

Counterweight = 39.7 kip

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

72.2	13.0	63	63	28	28	78	41	46	18(37)	76	15	70	23
		68	10	75	31(110)	27	27	65	65	10	67	31	75(249)
78.7	10.8	63	63	28	28	78	40	46	17(38)	76	13	70	22
		69	9	74	28(106)	26	26	65	65	9	69	29	74(253)
85.3	9.0	63	63	27	27	79	39	46	16(38)	76	12	70	21
		70	8	75	27(106)	25	25	65	65	8	69	28	75(253)
91.9	7.5	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)
98.4	6.0	63	63	25	25	80	38	46	14(39)	77	10	70	20
		69	6	75	26(107)	23	23	65	65	6	69	27	75(252)
105.0	4.6	63	63	25	25	80	37	45	13(39)	77	9	70	19
		69	5	75	26(107)	23	23	65	65	5	69	26	75(252)
111.5	3.5	63	63	24	24	80	37	45	12(39)	77	8	71	18
		69	4	75	26(107)	22	22	65	65	4	69	26	76(252)
118.1	2.6	63	63	23	23	81	36	45	11(40)	78	7	71	17
		69	2	76	25(108)	21	21	65	65	2	69	26	77(251)

 HA=175.5 HI= 55.8 GGW= 39.7 SL= 0.0 MAX(A,B,C,D)= 7.5 6.4 7.1 7.1

Main boom and fixed jib (jib angle 20.0 degrees)
 Length of main boom = 180.1 ft Length of jib = 55.8 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	
72.2	12.1	63	63	28	28	77	41	46	18(37)	75	15	69	23
		67	11	74	31(110)	27	27	64	64	11	67	31	74(249)
78.7	9.9	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	73(254)
85.3	8.2	63	63	27	27	78	39	45	16(38)	76	12	70	21
		69	8	74	28(106)	25	25	64	64	8	69	28	74(253)
91.9	6.4	62	62	26	26	78	39	45	15(38)	75	11	69	21
		69	7	74	27(106)	24	24	64	64	7	68	27	74(253)
98.4	5.1	63	63	25	25	79	37	45	14(39)	76	10	70	20
		69	6	75	27(107)	23	23	64	64	6	68	27	75(252)
105.0	3.7	62	62	25	25	79	37	45	13(39)	76	9	70	19
		69	5	75	26(107)	23	23	64	64	5	68	27	75(252)
111.5	2.6	62	62	24	24	79	37	45	13(39)	76	9	70	19
		69	4	75	26(107)	22	22	64	64	4	68	26	75(252)

 HA=180.1 HI= 55.8 GGW= 39.7 SL= 0.0 MAX(A,B,C,D)= 7.4 6.4 6.9 7.0

Main boom and fixed jib (jib angle 20.0 degrees)
 Length of main boom = 191.9 ft Length of jib = 55.8 ft
 Main boom sequence = 0-100-100-100-100-100 % LK = 74
 Counterweight = 39.7 kip

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

72.2	11.5	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)
78.7	9.5	62	62	28	28	77	41	45	18(37)	74	14	69	23
		66	10	73	30(110)	26	26	64	64	10	66	31	74(249)
85.3	7.5	62	62	27	27	77	40	45	17(37)	74	13	69	22
		68	10	73	28(105)	26	26	63	63	9	68	28	73(254)
91.9	6.0	62	62	26	26	77	39	45	16(38)	75	12	69	21
		68	8	73	27(106)	25	25	64	64	8	68	28	73(253)
98.4	4.6	62	62	26	26	78	38	45	15(38)	75	11	69	20
		68	7	73	26(106)	24	24	64	64	7	68	27	74(253)
105.0	3.3	62	62	25	25	78	38	45	14(38)	75	10	69	20
		68	6	73	26(106)	23	23	64	64	6	68	26	74(253)
111.5	2.2	62	62	25	25	78	37	45	13(39)	75	9	69	19
		68	5	74	26(107)	23	23	64	64	5	67	26	74(252)

HA=191.9 HI= 55.8 GGW= 39.7 SL= 0.0 MAX(A,B,C,D)= 7.3 6.3 6.9 6.9

Main boom and fixed jib (jib angle 20.0 degrees)

Length of main boom = 193.9 ft Length of jib = 55.8 ft

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

Counterweight = 39.7 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.			
		1(0)		2(...)		3(90)		6(...)					
		4(...)		5(180)				6(...)					
		A	B	C	D	A	B	C	D	A	B	C	D
72.2	10.4	62	62	29	29	75	41	45	20(36)	73	16	68	24
		66	12	72	31(109)	28	28	63	63	12	65	32	72(250)
78.7	8.4	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)
85.3	6.4	61	61	27	27	76	40	45	17(37)	73	14	68	22
		68	10	72	28(105)	26	26	63	63	10	67	28	72(254)
91.9	4.9	61	61	27	27	76	39	44	16(37)	74	12	68	21
		68	9	72	27(105)	25	25	63	63	9	67	27	72(254)
98.4	3.5	61	61	26	26	77	38	45	15(38)	74	11	69	21
		68	7	73	27(106)	24	24	63	63	7	67	27	73(253)
105.0	2.2	61	61	25	25	77	37	44	15(38)	74	11	68	20
		67	7	73	26(106)	23	23	63	63	6	67	27	73(253)

HA=193.9 HI= 55.8 GGW= 39.7 SL= 0.0 MAX(A,B,C,D)= 7.1 6.3 6.8 6.8

HA=193.9 HI= 55.8 GGW= 39.7 SL= 0.0 MAX(A,B,C,D)= 0.0 0.0 0.0 0.0

HA=193.9 HI= 55.8 GGW= 39.7 SL= 0.0 MAX(A,B,C,D)= 0.0 0.0 0.0 0.0

HA=193.9 HI= 55.8 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

14.10.2003, 15:37:22

Eingabedatei: ilam.dat

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

Tabellendat.: /berechnung/tabellen/ac/ac200-1/serie_3/pc_tab/22137312_tab.txt

H

DEMAG Mobile Cranes

OUTRIGGER - LOADINGS
(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 = 55.8 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)		6(...)						
	A	B	C	D	A	B	C	D					
45.9	15.2	46	46	46	46	47	45	47	46(59)	47	45	48	46
		46	45	48	47(127)	45	45	47	47	45	46	47	48(232)
52.5	14.3	49	49	43	43	52	42	49	41(59)	51	40	51	43
		48	39	52	45(128)	42	42	50	50	39	48	45	52(232)
59.1	13.7	52	52	40	40	58	39	50	37(59)	56	35	55	39
		56	35	55	39(90)	39	39	53	53	35	56	39	55(270)
65.6	13.2	55	55	37	37	59	49	42	34(20)	61	29	58	34
		61	29	59	35(92)	36	36	56	56	29	60	35	59(267)
72.2	13.0	58	58	34	34	67	45	44	27(31)	67	24	63	30
		63	21	65	33(103)	32	32	59	59	21	63	34	65(256)

 HA= 40.7 HI= 55.8 GGW= 39.7 SL= 0.0 MAX(A,B,C,D)= 6.2 5.9 6.1 6.1

Main boom and fixed jib (jib angle 40.0 degrees)
 Length of main boom = 54.5 ft Length of jib = 55.8 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					
45.9	15.2	46	46	47	47	47	45	47	46(59)	46	45	47	47
		46	45	48	47(127)	45	45	47	47	45	46	47	48(232)
52.5	14.6	49	49	44	44	52	43	49	42(59)	51	40	51	43
		48	39	52	46(128)	42	42	50	50	39	48	46	52(232)
59.1	13.9	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)
65.6	13.4	54	54	38	38	58	49	42	34(18)	60	30	58	35
		60	30	58	35(91)	36	36	56	56	30	60	35	58(268)
72.2	13.0	57	57	35	35	65	46	43	29(29)	65	25	62	31
		63	23	63	34(100)	33	33	58	58	23	62	34	64(259)

78.7 12.8 60 60 31 31 72 42 46 23(36) 70 20 66 27
 65 17 69 32(107) 30 30 62 62 16 65 33 69(252)
 85.3 12.3 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 74(249)

 HA= 54.5 HI= 55.8 GGW= 39.7 SL= 0.0 MAX(A,B,C,D)= 7.2 6.2 6.9 6.9

Main boom and fixed jib (jib angle 40.0 degrees)
 Length of main boom = 68.6 ft Length of jib = 55.8 ft
 Main boom sequence = 0-0-0-0-90 % LK = 13
 Counterweight = 39.7 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.			
		1(0)		2(...)		3(90)		6(...)					
		A	B	C	D	A	B	C	D				
52.5	14.6	49	49	44	44	52	43	49	42(59)	51	41	51	43
		48	40	52	46(128)	43	43	50	50	40	48	46	52(232)
59.1	13.9	51	51	41	41	57	40	50	37(59)	55	36	54	39
		55	36	54	39(90)	40	40	52	52	36	55	39	54(270)
65.6	13.2	54	54	38	38	57	50	41	36(14)	59	31	57	36
		59	31	57	36(90)	37	37	55	55	31	59	36	57(270)
72.2	12.3	55	55	36	36	62	47	42	31(24)	63	27	60	33
		61	26	61	34(96)	35	35	57	57	26	61	34	61(263)
78.7	11.7	58	58	34	34	67	45	44	27(31)	66	23	63	30
		63	21	65	33(103)	32	32	59	59	21	63	34	65(256)
85.3	11.0	60	60	31	31	71	42	45	23(36)	70	19	65	27
		65	16	69	32(106)	30	30	61	61	16	64	32	69(253)
91.9	10.4	62	62	29	29	75	41	45	19(36)	73	16	68	24
		66	12	72	31(109)	27	27	63	63	11	65	31	72(250)
98.4	9.7	63	63	26	26	79	39	46	15(38)	77	12	70	21
		70	8	75	27(106)	25	25	65	65	8	69	28	75(253)

 HA= 68.6 HI= 55.8 GGW= 39.7 SL= 0.0 MAX(A,B,C,D)= 7.4 6.5 6.9 7.0

Main boom and fixed jib (jib angle 40.0 degrees)
 Length of main boom = 70.2 ft Length of jib = 55.8 ft
 Main boom sequence = 0-0-0-0-100 % LK = 14
 Counterweight = 39.7 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.			
		1(0)		2(...)		3(90)		6(...)					
		A	B	C	D	A	B	C	D				
52.5	13.9	48	48	44	44	50	43	48	43(59)	49	41	50	44
		47	41	50	46(128)	43	43	49	49	41	47	46	50(232)
59.1	12.8	50	50	42	42	54	41	49	39(59)	53	37	52	41
		48	36	54	45(128)	41	41	51	51	36	48	45	54(232)
65.6	11.9	52	52	39	39	58	39	50	35(59)	56	34	55	38
		56	34	55	38(90)	38	38	53	53	34	56	38	55(270)
72.2	11.0	53	53	37	37	57	49	41	35(16)	59	30	57	35
		59	30	57	35(90)	36	36	55	55	30	59	35	57(270)
78.7	10.1	55	55	35	35	61	46	42	31(25)	62	27	59	32
		61	26	60	34(97)	34	34	56	56	25	60	34	61(262)

85.3 9.5 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)
 91.9 9.0 59 59 31 31 70 42 44 23(35) 69 19 65 27
 64 16 68 32(106) 29 29 60 60 16 63 32 68(253)
 98.4 8.6 61 61 28 28 75 41 45 19(36) 73 15 67 24
 65 11 72 30(109) 27 27 63 63 11 65 31 72(250)

 HA= 70.2 HI= 55.8 GGW= 39.7 SL= 0.0 MAX(A,B,C,D)= 6.9 6.0 6.7 6.7

Main boom and fixed jib (jib angle 40.0 degrees)
 Length of main boom = 82.3 ft Length of jib = 55.8 ft
 Main boom sequence = 0-0-0-0-45-90 % LK = 20
 Counterweight = 39.7 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.			
		1(0)		2(...)		3(90)		6(...)					
		4(...)		5(180)		6(...)							
		A	B	C	D	A	B	C	D	A	B	C	D
52.5	14.6	49	49	44	44	52	43	49	42(59)	51	40	51	43
		48	40	52	46(128)	43	43	50	50	40	48	46	52(232)
59.1	14.1	52	52	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)
65.6	13.4	54	54	38	38	58	50	41	35(16)	60	31	58	35
		60	31	58	35(90)	37	37	55	55	31	60	35	58(270)
72.2	12.8	56	56	35	35	63	47	43	30(27)	64	26	61	32
		62	25	62	34(98)	34	34	58	58	25	62	34	62(261)
78.7	12.1	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)
85.3	11.5	60	60	31	31	73	41	46	22(37)	71	19	66	26
		65	15	70	32(107)	29	29	62	62	15	65	32	70(252)
91.9	10.8	62	62	28	28	77	41	45	18(37)	74	15	69	23
		66	11	73	31(110)	27	27	64	64	11	66	31	73(249)
98.4	10.1	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	8.8	64	64	25	25	81	38	46	13(39)	78	10	71	20
		71	6	76	27(107)	24	24	66	66	5	70	27	77(252)
111.5	7.5	64	64	24	24	82	37	47	12(40)	78	9	72	19
		70	4	77	26(108)	23	23	66	66	4	70	27	77(251)

 HA= 82.3 HI= 55.8 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 = 84.0 ft Length of jib = 55.8 ft
 Main boom sequence = 0-0-0-0-45-100 % LK = 21
 Counterweight = 39.7 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.			
		1(0)		2(...)		3(90)		6(...)					
		4(...)		5(180)		6(...)							
		A	B	C	D	A	B	C	D	A	B	C	D
59.1	13.2	50	50	41	41	55	41	49	38(59)	54	37	53	40
		49	35	55	45(128)	40	40	52	52	35	49	45	55(232)
65.6	12.1	52	52	39	39	52	52	40	39(2)	57	33	55	37
		57	33	55	37(90)	38	38	53	53	33	57	37	55(270)

72.2	11.5	54	54	37	37	59	49	41	34(19)	60	29	58	34
		60	29	58	35(92)	35	35	55	55	29	60	35	58(267)
78.7	10.6	56	56	35	35	63	46	43	30(27)	63	26	60	32
		62	24	62	34(98)	33	33	57	57	24	61	34	62(261)
85.3	10.1	58	58	32	32	68	43	44	25(33)	67	22	63	29
		63	19	66	32(104)	31	31	59	59	19	63	33	66(255)
91.9	9.5	60	60	30	30	72	41	45	22(36)	70	18	65	26
		64	15	69	31(107)	29	29	61	61	15	64	32	69(252)
98.4	9.0	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)
105.0	8.6	63	63	26	26	80	38	46	14(39)	77	11	71	20
		70	6	75	27(107)	24	24	65	65	6	69	28	76(252)
111.5	7.5	64	64	25	25	81	38	46	13(39)	78	9	72	19
		71	5	77	26(107)	23	23	66	66	4	70	27	77(252)

 HA= 84.0 HI= 55.8 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 40.0 degrees)
 Length of main boom = 96.5 ft Length of jib = 55.8 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				
59.1	13.9	51	51	41	41	57	40	50	37(59)	55	35	54	39
		55	35	54	39(90)	40	40	52	52	35	55	39	54(270)
65.6	13.4	54	54	38	38	58	50	41	35(16)	60	31	58	35
		60	31	58	35(90)	37	37	55	55	31	60	35	58(270)
72.2	13.0	57	57	35	35	64	46	43	30(28)	64	26	61	32
		62	24	63	34(99)	34	34	58	58	24	62	34	63(260)
78.7	12.3	59	59	33	33	69	44	44	25(33)	68	22	64	29
		64	19	67	33(104)	31	31	60	60	19	64	33	67(255)
85.3	11.7	61	61	30	30	74	41	46	21(37)	72	18	67	26
		65	15	71	32(108)	29	29	62	62	14	65	32	71(251)
91.9	11.2	63	63	28	28	78	41	46	17(37)	75	14	70	23
		67	9	75	30(110)	26	26	64	64	9	67	31	75(249)
98.4	10.1	64	64	26	26	80	39	47	15(39)	77	12	71	21
		70	7	75	28(107)	25	25	65	65	7	69	28	76(252)
105.0	8.8	64	64	26	26	81	38	46	14(39)	78	10	71	20
		70	6	76	27(107)	24	24	66	66	6	70	27	76(252)
111.5	7.5	64	64	25	25	81	38	46	13(39)	78	9	71	19
		70	5	76	26(107)	23	23	66	66	5	70	27	76(252)
118.1	6.4	64	64	24	24	82	37	46	12(40)	78	8	72	18
		70	4	77	26(108)	22	22	66	66	4	70	27	77(251)

 HA= 96.5 HI= 55.8 GGW= 39.7 SL= 0.0 MAX(A,B,C,D)= 7.6 6.5 7.1 7.1

Main boom and fixed jib (jib angle 40.0 degrees)
 Length of main boom = 100.4 ft Length of jib = 55.8 ft
 Main boom sequence = 0-0-0-0-100-100 % LK = 29
 Counterweight = 39.7 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]								(Pos.[Degrees])				0-360 Degr.		
	1(0)		2(...)				3(90)		4(...)						
	A	B	C	D	A	B	C	D	A	B	C	D			
59.1	13.2	50	50	41	41	55	41	50	38	(59)	54	37	53	40	
		49	35	55	45	(128)	40	40	52	52		35	49	45	55
65.6	12.3	52	52	39	39	54	51	40	38	(6)	57	33	56	37	
		57	33	56	37	(90)	38	38	54	54		33	57	37	56
72.2	11.7	54	54	37	37	60	48	42	33	(21)	61	29	59	34	
		60	28	59	34	(93)	35	35	56	56		28	60	35	59
78.7	11.0	56	56	34	34	65	45	43	28	(29)	64	25	61	31	
		62	23	63	33	(100)	33	33	58	58		23	62	34	63
85.3	10.4	58	58	32	32	69	43	44	24	(34)	68	21	64	28	
		63	19	67	32	(105)	31	31	60	60		18	63	33	67
91.9	9.9	60	60	30	30	73	41	45	21	(37)	71	17	66	25	
		65	14	70	31	(108)	28	28	62	62		13	65	32	71
98.4	9.5	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
105.0	8.8	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
111.5	7.7	64	64	25	25	82	37	47	13	(40)	78	9	72	19	
		70	4	77	27	(108)	23	23	66	66		4	70	27	77
118.1	6.6	64	64	24	24	82	37	46	12	(40)	79	8	72	18	
		71	3	77	26	(108)	22	22	66	66		3	70	26	77
124.7	5.5	64	64	23	23	82	36	46	11	(40)	79	7	72	17	
		71	2	77	25	(108)	22	22	66	66		2	70	26	78

HA=100.4 HI= 55.8 GGW= 39.7 SL= 0.0 MAX(A,B,C,D)= 7.7 6.5 7.2 7.2

Main boom and fixed jib (jib angle 40.0 degrees)
Length of main boom = 110.2 ft Length of jib = 55.8 ft
Main boom sequence = 0-0-0-45-90-90 % LK = 36
Counterweight = 39.7 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]								(Pos.[Degrees])				0-360 Degr.		
	1(0)		2(...)				3(90)		4(...)						
	A	B	C	D	A	B	C	D	A	B	C	D			
65.6	13.4	54	54	37	37	59	49	42	34	(18)	60	30	58	35	
		60	30	58	35	(91)	36	36	56	56		30	60	35	58
72.2	13.0	57	57	35	35	65	46	43	29	(29)	65	25	62	31	
		63	24	63	34	(100)	34	34	58	58		24	62	34	63
78.7	12.6	60	60	32	32	71	43	45	24	(35)	69	21	65	28	
		64	18	68	33	(106)	31	31	61	61		18	64	33	68
85.3	12.1	62	62	29	29	76	42	45	20	(36)	74	16	68	24	
		67	12	73	31	(109)	28	28	63	63		12	66	32	73
91.9	11.5	64	64	27	27	80	40	46	16	(38)	77	12	71	22	
		71	8	75	28	(106)	26	26	65	65		8	70	28	75
98.4	9.9	64	64	26	26	80	39	46	15	(39)	77	11	71	21	
		70	7	76	28	(107)	25	25	65	65		7	70	28	76
105.0	8.6	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	76
111.5	7.3	64	64	25	25	81	38	46	13	(39)	78	9	71	19	
		70	5	76	26	(107)	23	23	66	66		5	70	27	77

118.1 6.4 65 65 24 24 83 37 46 11(40) 79 7 72 18
 71 3 78 26(108) 22 22 66 66 2 70 26 78(251)
 124.7 5.3 65 65 23 23 83 36 46 11(40) 79 7 72 17
 71 2 78 25(108) 21 21 66 66 2 70 26 78(251)
 131.2 4.4 65 65 22 22 84 35 47 9(41) 80 6 73 16
 71 0 78 25(109) 21 21 67 67 0 70 26 79(250)

 HA=110.2 HI= 55.8 GGW= 39.7 SL= 0.0 MAX(A,B,C,D)= 7.8 6.5 7.3 7.3

Main boom and fixed jib (jib angle 40.0 degrees)
 Length of main boom = 114.5 ft Length of jib = 55.8 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)		6(...)					
		4(...)		5(180)		6(...)							
		A	B	C	D	A	B	C	D				
65.6	12.6	53	53	38	38	56	50	41	37(11)	58	32	57	36
		58	32	57	36(90)	37	37	54	54	32	58	36	57(270)
72.2	11.9	55	55	36	36	61	47	42	32(24)	62	28	60	33
		61	26	60	34(96)	35	35	57	57	26	61	34	61(263)
78.7	11.2	57	57	34	34	66	45	44	27(31)	66	24	62	30
		63	21	64	33(102)	32	32	59	59	21	62	33	65(257)
85.3	10.8	60	60	31	31	71	42	45	23(36)	70	19	65	27
		65	16	69	32(106)	30	30	61	61	16	64	32	69(253)
91.9	10.1	61	61	29	29	75	41	45	19(36)	73	16	68	24
		66	12	72	31(109)	27	27	63	63	12	65	31	72(250)
98.4	9.7	63	63	27	27	79	39	46	15(38)	77	12	70	21
		70	8	75	27(106)	25	25	65	65	8	69	28	75(253)
105.0	8.6	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)
111.5	7.5	64	64	24	24	82	37	47	12(40)	78	9	72	19
		70	4	77	26(108)	23	23	66	66	4	70	27	77(251)
118.1	6.4	64	64	24	24	82	37	46	11(40)	79	8	72	18
		71	3	77	26(108)	22	22	66	66	3	70	26	78(251)
124.7	5.3	64	64	23	23	82	36	46	11(40)	79	7	72	17
		71	2	77	25(108)	22	22	66	66	2	70	26	78(251)
131.2	4.4	65	65	23	23	83	36	46	10(40)	80	6	73	17
		71	1	78	25(108)	21	21	67	67	1	70	25	78(251)
137.8	3.5	65	65	22	22	84	35	46	9(41)	80	5	73	16
		70	0	79	24(109)	20	20	67	67	0	70	25	79(250)

 HA=114.5 HI= 55.8 GGW= 39.7 SL= 0.0 MAX(A,B,C,D)= 7.8 6.5 7.3 7.4

Main boom and fixed jib (jib angle 40.0 degrees)
 Length of main boom = 124.3 ft Length of jib = 55.8 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		

65.6	13.4	55	55	37	37	60	49	42	34(20)	61	30	59	35
		61	29	59	35(92)	36	36	56	56	29	61	35	59(267)
72.2	13.0	57	57	34	34	66	46	44	28(30)	66	25	62	31
		63	23	64	34(101)	33	33	59	59	23	63	34	64(258)
78.7	12.8	60	60	31	31	73	42	46	23(36)	71	20	66	27
		65	16	69	32(107)	30	30	62	62	16	65	33	70(252)
85.3	12.1	62	62	29	29	77	41	46	19(37)	75	15	69	24
		67	11	73	31(110)	28	28	64	64	11	66	32	74(249)
91.9	11.5	64	64	26	26	81	39	47	15(39)	78	12	71	21
		71	7	76	28(107)	25	25	66	66	7	70	28	76(252)
98.4	9.7	64	64	26	26	80	39	46	15(39)	78	11	71	21
		70	7	76	27(107)	24	24	65	65	7	70	28	76(252)
105.0	8.4	64	64	25	25	81	38	46	13(39)	78	10	71	20
		71	5	76	27(107)	24	24	66	66	5	70	27	77(252)
111.5	7.3	65	65	24	24	82	37	47	12(40)	79	8	72	19
		71	4	77	26(108)	23	23	66	66	4	70	27	77(251)
118.1	6.2	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)
124.7	5.1	65	65	23	23	83	36	46	11(40)	79	7	72	17
		71	2	78	25(108)	21	21	66	66	2	70	26	78(251)
131.2	4.2	65	65	22	22	84	35	47	9(41)	80	6	73	16
		71	0	78	25(109)	21	21	67	67	0	70	26	79(250)
137.8	3.3	65	65	22	22	84	35	46	9(41)	80	5	73	16
		70	0	79	24(109)	20	20	67	67	0	69	24	80(250)
144.4	2.4	65	65	22	22	84	34	46	8(41)	80	4	73	15
		70	0	80	23(109)	20	20	67	67	0	69	24	80(250)

 HA=124.3 HI= 55.8 GGW= 39.7 SL= 0.0 MAX(A,B,C,D)= 7.8 6.5 7.4 7.5

Main boom and fixed jib (jib angle 40.0 degrees)

Length of main boom = 130.9 ft Length of jib = 55.8 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)		6(...)						
	4(...)		5(180)		6(...)								
	A	B	C	D	A	B	C	D	A	B	C	D	
72.2	11.9	56	56	35	35	62	47	43	31(26)	63	27	60	33
		62	26	61	34(97)	34	34	57	57	26	61	34	62(262)
78.7	11.2	58	58	33	33	67	44	44	26(32)	67	23	63	30
		63	21	65	33(103)	32	32	59	59	20	63	33	65(256)
85.3	10.8	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	10.4	62	62	28	28	77	41	45	18(37)	75	14	69	23
		67	10	74	31(110)	27	27	64	64	10	66	31	74(249)
98.4	9.7	64	64	26	26	81	39	46	15(39)	78	11	71	21
		70	7	76	27(107)	24	24	65	65	7	70	28	76(252)
105.0	8.4	64	64	25	25	81	38	46	13(39)	78	10	71	20
		71	5	76	27(107)	24	24	66	66	5	70	27	77(252)
111.5	7.3	65	65	24	24	82	37	47	12(40)	79	8	72	19
		71	4	77	26(108)	23	23	66	66	4	70	27	77(251)
118.1	6.2	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)

124.7	5.1	64	64	23	23	83	36	46	11(40)	79	7	72	17
		71	2	78	25(108)	21	21	66	66	2	70	26	78(251)
131.2	4.2	65	65	23	23	84	35	47	9(41)	80	6	73	17
		71	1	78	25(109)	21	21	67	67	0	70	26	78(250)
137.8	3.3	65	65	22	22	84	35	46	9(41)	80	5	73	16
		70	0	79	24(109)	20	20	67	67	0	70	25	79(250)
144.4	2.4	65	65	22	22	84	34	46	9(41)	80	5	73	15
		70	0	79	24(109)	20	20	67	67	0	69	24	80(250)

HA=130.9 HI= 55.8 GGW= 39.7 SL= 0.0 MAX(A,B,C,D)= 7.8 6.5 7.4 7.4

Main boom and fixed jib (jib angle 40.0 degrees)

Length of main boom = 138.1 ft Length of jib = 55.8 ft

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

Counterweight = 39.7 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
	1(0)				2(...)								
	4(...)				5(180)				6(...)				
	A	B	C	D	A	B	C	D	A	B	C	D	
72.2	13.0	58	58	34	34	67	45	44	27(31)	67	24	63	30
		63	21	65	34(103)	32	32	59	59	21	63	34	65(256)
78.7	12.6	61	61	31	31	73	42	46	22(37)	71	19	66	26
		66	15	70	32(107)	30	30	62	62	15	65	32	70(252)
85.3	12.3	64	64	28	28	79	40	46	17(38)	77	14	70	22
		70	10	75	28(106)	26	26	65	65	9	70	29	75(253)
91.9	11.0	65	65	26	26	81	39	47	15(39)	78	11	72	21
		71	7	76	28(107)	25	25	66	66	7	70	28	77(252)
98.4	9.3	64	64	26	26	81	39	46	14(39)	78	11	71	20
		70	6	76	27(107)	24	24	66	66	6	70	28	76(252)
105.0	7.9	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)
111.5	6.8	65	65	24	24	83	37	46	11(40)	79	8	72	18
		71	3	78	26(108)	22	22	66	66	3	70	26	78(251)
118.1	5.7	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)
124.7	4.6	65	65	23	23	83	36	46	10(40)	80	6	73	17
		71	1	78	25(108)	21	21	67	67	1	70	25	78(251)
131.2	3.7	65	65	22	22	84	35	47	9(41)	80	5	73	16
		71	0	79	24(109)	20	20	67	67	0	70	25	79(250)
137.8	2.6	64	64	22	22	83	35	46	9(41)	79	5	73	16
		70	0	78	25(109)	20	20	66	66	0	69	25	78(250)

HA=138.1 HI= 55.8 GGW= 39.7 SL= 0.0 MAX(A,B,C,D)= 7.8 6.6 7.3 7.4

Main boom and fixed jib (jib angle 40.0 degrees)

Length of main boom = 145.0 ft Length of jib = 55.8 ft

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

Counterweight = 39.7 kip

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

72.2	11.9	56	56	35	35	64	46	43	29(28)	64	26	61	32
		62	24	62	34(99)	34	34	58	58	24	62	34	63(260)
78.7	11.5	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)
85.3	11.0	61	61	30	30	75	41	46	20(38)	73	17	67	25
		66	13	72	31(109)	28	28	63	63	13	65	32	72(250)
91.9	10.6	64	64	27	27	79	40	46	16(38)	77	12	71	22
		70	8	75	28(106)	25	25	65	65	8	70	28	75(253)
98.4	9.3	64	64	26	26	81	39	46	14(39)	78	11	71	20
		70	6	76	27(107)	24	24	66	66	6	70	28	76(252)
105.0	7.9	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)
111.5	6.8	65	65	24	24	82	37	46	11(40)	79	8	72	18
		71	3	78	26(108)	22	22	66	66	3	70	26	78(251)
118.1	5.7	65	65	23	23	83	36	46	11(40)	79	7	73	17
		71	2	78	25(108)	22	22	67	67	2	70	26	78(251)
124.7	4.6	65	65	23	23	83	36	46	10(40)	79	6	73	17
		71	1	78	25(108)	21	21	67	67	1	70	25	78(251)
131.2	3.7	65	65	22	22	84	35	46	9(41)	80	5	73	16
		71	0	79	25(109)	20	20	67	67	0	70	25	79(250)
137.8	2.9	65	65	22	22	84	34	46	8(41)	80	4	73	15
		70	0	80	24(109)	20	20	67	67	0	69	24	80(250)

 HA=145.0 HI= 55.8 GGW= 39.7 SL= 0.0 MAX(A,B,C,D)= 7.8 6.5 7.4 7.4

Main boom and fixed jib (jib angle 40.0 degrees)

Length of main boom = 152.2 ft Length of jib = 55.8 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(...)					
		4(...)		5(180)		6(...)							
		A	B	C	D	A	B	C	D				
72.2	12.8	58	58	34	34	68	45	44	26(32)	67	23	63	30
		64	21	66	33(103)	32	32	60	60	21	63	34	66(256)
78.7	12.6	61	61	30	30	75	41	47	21(38)	73	18	67	26
		66	14	71	32(108)	29	29	63	63	14	66	32	71(251)
85.3	12.1	64	64	27	27	80	40	46	16(38)	77	13	71	22
		71	9	75	28(106)	26	26	65	65	9	70	29	75(253)
91.9	10.6	64	64	26	26	81	39	47	15(39)	78	11	71	21
		71	7	76	27(107)	25	25	66	66	7	70	28	77(252)
98.4	9.0	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	7.5	64	64	25	25	82	37	47	13(40)	78	9	72	19
		70	4	77	27(108)	23	23	66	66	4	70	27	77(251)
111.5	6.4	65	65	24	24	83	37	46	11(40)	79	7	72	18
		71	3	78	26(108)	22	22	66	66	2	70	26	78(251)
118.1	5.3	65	65	23	23	83	36	46	10(40)	80	6	73	17
		71	2	78	25(108)	21	21	67	67	1	71	26	78(251)
124.7	4.2	65	65	23	23	84	35	47	9(41)	80	6	73	17
		71	1	78	25(109)	21	21	67	67	0	70	26	78(250)
131.2	3.1	64	64	22	22	83	35	46	9(41)	79	6	73	16
		70	0	78	25(109)	21	21	66	66	0	69	26	78(250)

137.8 2.2 64 64 22 22 83 34 46 9(41) 79 5 73 16
 70 0 79 24(109) 20 20 66 66 0 69 24 79(250)

HA=152.2 HI= 55.8 GGW= 39.7 SL= 0.0 MAX(A,B,C,D)= 7.8 6.6 7.3 7.4

Main boom and fixed jib (jib angle 40.0 degrees)

Length of main boom = 161.4 ft Length of jib = 55.8 ft
 Main boom sequence = 0-0-100-100-100-100 % LK = 63
 Counterweight = 39.7 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.					
	1(0)				2(...)									
	3(90)				4(...)									
	A	B	C	D	A	B	C	D	A	B	C	D		
78.7	11.5	60	60	32	32	71	43	45	23	(35)	70	20	65	27
		65	17	69	32(106)	30	30	61	61	17	64	32	69(253)	
85.3	11.0	62	62	29	29	76	41	46	19	(37)	74	15	69	24
		66	11	73	31(110)	27	27	63	63	11	66	32	73(249)	
91.9	10.6	65	65	26	26	81	39	47	14	(39)	78	11	72	20
		71	6	77	27(107)	24	24	66	66	6	70	28	77(252)	
98.4	8.8	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)	
105.0	7.5	64	64	25	25	82	37	47	12	(40)	78	9	72	19
		70	4	77	26(108)	23	23	66	66	4	70	27	77(251)	
111.5	6.2	64	64	24	24	82	37	46	12	(40)	78	8	72	18
		70	3	77	26(108)	22	22	66	66	3	70	26	77(251)	
118.1	5.1	64	64	23	23	82	36	46	11	(40)	79	7	72	17
		71	2	78	25(108)	22	22	66	66	2	70	26	78(251)	
124.7	4.0	64	64	23	23	82	36	46	10	(40)	79	6	72	17
		71	2	78	25(108)	21	21	66	66	1	70	25	78(251)	
131.2	3.1	64	64	22	22	83	35	46	9	(41)	79	5	73	16
		70	0	78	25(109)	20	20	66	66	0	70	25	78(250)	

HA=161.4 HI= 55.8 GGW= 39.7 SL= 0.0 MAX(A,B,C,D)= 7.7 6.5 7.3 7.3

Main boom and fixed jib (jib angle 40.0 degrees)

Length of main boom = 166.0 ft Length of jib = 55.8 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(...)									
	A	B	C	D	A	B	C	D	A	B	C	D		
78.7	12.3	62	62	30	30	76	41	47	20	(38)	73	17	68	25
		66	13	72	32(109)	28	28	63	63	13	66	32	73(250)	
85.3	11.5	64	64	27	27	80	40	46	16	(38)	77	13	71	22
		70	9	75	28(106)	26	26	65	65	9	70	28	75(253)	
91.9	9.7	64	64	26	26	80	39	46	15	(39)	77	11	71	21
		70	7	76	28(107)	25	25	65	65	7	70	28	76(252)	
98.4	8.2	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	6.6	64	64	25	25	81	38	46	13	(39)	78	9	71	19
		70	5	76	26(107)	23	23	65	65	5	70	27	76(252)	

111.5 5.3 64 64 24 24 81 37 46 12(40) 78 8 71 19
 70 4 76 26(108) 22 22 65 65 4 69 27 77(251)
 118.1 4.2 64 64 24 24 82 36 46 11(40) 78 7 72 18
 70 3 77 26(108) 22 22 66 66 2 69 26 77(251)
 124.7 3.1 64 64 23 23 82 36 46 11(40) 78 7 72 17
 70 2 77 25(108) 21 21 66 66 2 69 26 77(251)

 HA=166.0 HI= 55.8 GGW= 39.7 SL= 0.0 MAX(A,B,C,D)= 7.6 6.5 7.1 7.1

Main boom and fixed jib (jib angle 40.0 degrees)

Length of main boom = 175.5 ft Length of jib = 55.8 ft
 Main boom sequence = 0-45-100-100-100-100 % LK = 69
 Counterweight = 39.7 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
 85.3 11.0 63 63 28 28 78 40 46 17(38) 76 14 70 22
 69 10 74 28(106) 26 26 65 65 10 69 29 74(253)
 91.9 9.5 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)
 98.4 7.7 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)
 105.0 6.4 63 63 25 25 80 38 46 13(39) 77 10 71 20
 70 6 75 26(107) 23 23 65 65 5 69 27 76(252)
 111.5 5.1 63 63 25 25 80 37 45 13(39) 77 9 71 19
 70 5 75 26(107) 23 23 65 65 4 69 26 76(252)
 118.1 4.0 63 63 24 24 81 36 46 12(40) 77 8 71 18
 69 3 76 26(108) 22 22 65 65 3 69 26 76(251)
 124.7 2.9 63 63 24 24 81 36 46 11(40) 77 7 71 18
 69 3 76 26(108) 22 22 65 65 3 69 26 76(251)

 HA=175.5 HI= 55.8 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 40.0 degrees)

Length of main boom = 180.1 ft Length of jib = 55.8 ft
 Main boom sequence = 0-90-90-90-90-90 % LK = 73
 Counterweight = 39.7 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
 85.3 10.4 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)
 91.9 8.6 63 63 27 27 78 39 46 16(38) 76 12 70 21
 69 8 74 28(106) 25 25 64 64 8 69 28 74(253)
 98.4 7.1 63 63 26 26 79 39 45 15(38) 76 11 70 21
 69 7 74 27(106) 24 24 65 65 7 69 27 75(253)
 105.0 5.5 63 63 25 25 79 38 45 14(39) 76 10 70 20
 69 6 75 27(107) 24 24 64 64 6 68 27 75(252)
 111.5 4.2 62 62 25 25 79 37 45 13(39) 76 10 70 19
 69 5 75 26(107) 23 23 64 64 5 68 27 75(252)

118.1 3.1 63 63 24 24 79 37 45 13(39) 76 9 70 19
69 4 75 26(107) 22 22 65 65 4 68 26 75(252)

HA=180.1 HI= 55.8 GGW= 39.7 SL= 0.0 MAX(A,B,C,D)= 7.4 6.4 7.0 7.0

Main boom and fixed jib (jib angle 40.0 degrees)

Length of main boom = 191.9 ft Length of jib = 55.8 ft
Main boom sequence = 0-100-100-100-100-100 % LK = 74
Counterweight = 39.7 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
	1(0)				2(...)					3(90)			
	4(...)				5(180)					6(...)			
A	B	C	D	A	B	C	D	A	B	C	D		
85.3	9.9	62	62	28	28	77	41	45	18(37)	74	15	69	23
		66	10	73	31(110)	27	27	64	64	10	66	31	74(249)
91.9	8.2	62	62	27	27	77	40	45	17(37)	75	13	69	22
		69	9	73	28(105)	26	26	64	64	9	68	28	73(254)
98.4	6.6	62	62	26	26	78	39	45	16(38)	75	12	69	21
		69	8	73	27(106)	25	25	64	64	8	68	28	74(253)
105.0	5.1	62	62	26	26	77	38	45	15(38)	75	11	69	21
		68	7	73	27(106)	24	24	64	64	7	68	27	73(253)
111.5	4.0	62	62	25	25	78	37	45	14(39)	75	10	70	20
		68	6	74	26(107)	23	23	64	64	6	68	27	74(252)
118.1	2.9	62	62	24	24	79	37	45	13(39)	76	9	70	19
		69	5	75	26(107)	22	22	64	64	4	68	26	75(252)

HA=191.9 HI= 55.8 GGW= 39.7 SL= 0.0 MAX(A,B,C,D)= 7.3 6.3 6.9 6.9

Main boom and fixed jib (jib angle 40.0 degrees)

Length of main boom = 193.9 ft Length of jib = 55.8 ft
Main boom sequence = 45-90-90-90-90-90 % LK = 76
Counterweight = 39.7 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
	1(0)				2(...)					3(90)			
	4(...)				5(180)					6(...)			
A	B	C	D	A	B	C	D	A	B	C	D		
85.3	9.0	62	62	28	28	76	40	45	18(37)	74	15	68	23
		66	11	73	31(110)	27	27	63	63	10	65	31	73(249)
91.9	7.3	62	62	27	27	76	40	45	17(37)	74	13	68	22
		68	10	72	28(105)	26	26	63	63	9	68	28	73(254)
98.4	5.5	61	61	27	27	76	39	45	17(37)	74	13	68	22
		68	9	72	27(105)	25	25	63	63	9	67	28	72(254)
105.0	4.2	62	62	26	26	77	38	45	15(38)	74	11	69	21
		68	7	73	27(106)	24	24	63	63	7	67	27	73(253)
111.5	2.9	61	61	26	26	77	38	44	15(38)	74	11	69	20
		68	7	73	26(106)	24	24	63	63	7	67	27	73(253)

HA=193.9 HI= 55.8 GGW= 39.7 SL= 0.0 MAX(A,B,C,D)= 7.1 6.3 6.8 6.8

HA=193.9 HI= 55.8 GGW= 39.7 SL= 0.0 MAX(A,B,C,D)= 0.0 0.0 0.0 0.0

HA=193.9 HI= 55.8 GGW= 39.7 SL= 0.0 MAX(A,B,C,D)= 0.0 0.0 0.0 0.0

HA=193.9 HI= 55.8 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

14.10.2003, 15:37:22

Eingabedatei: ilam.dat

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

Tabellendat.: /berechnung/tabellen/ac/ac200-1/serie_3/pc_tab/22137312_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 = 55.8 ft
Main boom sequence = 0-0-0-0-0-0 % LK = 1
Counterweight = 35.9 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.					
	1(0)	2(...)	3(90)	4(...)	5(180)	6(...)								
	A	B	C	D	A	B	C	D	A	B	C	D		
9.8 33.1	43	43	57	57	35	57	46	62	(59)	37	62	41	59	
	45	64	38	53	(128)	57	57	43	43	64	45	53	38	(232)
11.5 32.6	44	44	56	56	38	55	46	60	(59)	39	60	42	58	
	45	62	40	52	(128)	56	56	44	44	62	45	52	40	(232)
13.1 32.2	45	45	55	55	40	54	47	58	(59)	41	58	44	56	
	46	59	42	52	(128)	54	54	45	45	59	46	52	42	(232)
14.8 31.5	46	46	53	53	42	53	48	56	(59)	43	56	45	54	
	47	56	44	51	(128)	53	53	46	46	56	47	51	44	(232)
16.4 30.9	47	47	52	52	44	52	48	54	(59)	45	53	46	53	
	47	54	45	50	(128)	52	52	47	47	54	47	50	45	(232)
19.7 29.8	49	49	50	50	48	49	49	50	(59)	48	49	49	50	
	49	50	49	49	(127)	49	49	49	49	50	49	49	49	(232)
23.0 28.2	50	50	47	47	51	47	50	47	(59)	51	46	51	47	
	50	45	51	48	(128)	47	47	50	50	45	50	48	51	(232)
26.2 26.9	51	51	45	45	54	45	51	43	(59)	54	43	53	45	
	50	42	54	47	(128)	45	45	52	52	42	50	47	54	(232)
29.5 25.4	52	52	43	43	57	43	51	41	(59)	56	39	54	42	
	51	38	56	47	(128)	43	43	53	53	38	51	47	56	(232)
32.8 24.0	54	54	42	42	60	41	52	38	(59)	58	37	56	40	
	58	37	56	40	(90)	41	41	54	54	37	58	40	56	(270)
39.4 21.8	56	56	39	39	60	50	43	35	(18)	62	31	59	36	
	62	31	59	36	(91)	37	37	57	57	31	62	36	60	(268)

45.9	19.8	58	58	36	36	65	47	44	30(28)	65	27	62	32
		63	25	64	35(100)	35	35	59	59	25	63	35	64(259)
52.5	18.1	59	59	33	33	69	45	45	26(33)	69	22	64	29
		65	20	67	33(104)	32	32	60	60	20	64	33	67(255)
59.1	16.8	61	61	31	31	74	42	46	21(37)	72	18	67	26
		66	15	71	32(108)	29	29	62	62	15	65	32	71(251)
65.6	15.4	63	63	28	28	77	41	46	18(37)	75	15	69	23
		67	11	74	31(110)	27	27	64	64	10	66	31	74(249)
72.2	14.3	64	64	26	26	80	39	47	15(39)	78	11	71	21
		70	7	76	28(107)	25	25	66	66	7	70	28	76(252)
78.7	12.3	64	64	26	26	81	38	46	14(39)	78	10	71	20
		70	6	76	27(107)	24	24	65	65	6	70	27	76(252)

HA= 40.7 HI= 55.8 GGW= 35.9 SL= 0.0 MAX(A,B,C,D)= 7.5 6.5 7.0 7.1

Main boom and fixed jib (jib angle 0.0 degrees)

Length of main boom = 54.5 ft Length of jib = 55.8 ft

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

Counterweight = 35.9 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.			
		1(0)		2(...)		3(90)		6(...)					
		4(...)		5(180)		6(...)							
		A	B	C	D	A	B	C	D	A	B	C	D
13.1	30.9	44	44	55	55	39	54	47	58(59)	40	58	43	56
		45	59	41	52(128)	54	54	44	44	59	45	52	41(232)
14.8	30.4	45	45	54	54	41	53	47	56(59)	42	56	44	55
		46	57	43	51(128)	53	53	45	45	57	46	51	43(232)
16.4	30.0	46	46	52	52	43	52	48	54(59)	44	54	46	53
		47	55	45	50(128)	52	52	47	47	55	47	50	45(232)
19.7	29.1	48	48	50	50	47	49	49	50(59)	47	50	48	50
		48	50	48	49(127)	49	49	49	49	50	48	49	48(232)
23.0	28.2	50	50	48	48	51	47	50	47(59)	51	46	51	47
		49	46	51	49(128)	47	47	50	50	46	49	49	51(232)
26.2	27.1	51	51	45	45	54	45	51	43(59)	54	43	53	45
		50	42	54	47(128)	45	45	52	52	42	50	47	54(232)
29.5	26.0	53	53	43	43	58	43	51	41(59)	56	39	55	42
		51	38	57	47(128)	43	43	54	54	38	51	47	57(232)
32.8	24.9	54	54	42	42	60	41	52	38(59)	59	36	57	40
		59	36	57	40(90)	41	41	55	55	36	59	40	57(270)
39.4	22.5	56	56	38	38	61	50	43	35(19)	62	31	60	36
		62	31	60	36(92)	37	37	57	57	31	62	36	60(267)
45.9	20.9	58	58	35	35	67	47	45	29(30)	67	26	63	32
		64	24	65	34(101)	34	34	60	60	24	64	35	65(258)
52.5	19.2	60	60	33	33	72	44	46	25(35)	70	22	65	29
		65	19	69	33(106)	32	32	62	62	19	65	34	69(253)
59.1	17.6	62	62	30	30	75	41	47	21(38)	73	18	68	26
		67	14	72	32(108)	29	29	63	63	14	66	32	72(251)
65.6	16.5	64	64	28	28	79	41	47	17(38)	77	14	70	22
		70	10	75	28(106)	26	26	65	65	9	70	29	75(253)
72.2	14.6	64	64	26	26	80	39	47	15(39)	77	12	71	21
		70	7	76	28(107)	25	25	65	65	7	70	28	76(252)
78.7	12.6	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)

85.3 10.8 63 63 25 25 80 38 46 13(39) 77 10 71 19
 70 5 76 26(107) 23 23 65 65 5 69 27 76(252)
 91.9 9.3 63 63 25 25 80 37 45 13(39) 77 9 71 19
 70 5 75 26(107) 23 23 65 65 4 69 26 76(252)

 HA= 54.5 HI= 55.8 GGW= 35.9 SL= 0.0 MAX(A,B,C,D)= 7.5 6.5 7.0 7.0

Main boom and fixed jib (jib angle 0.0 degrees)
 Length of main boom = 68.6 ft Length of jib = 55.8 ft
 Main boom sequence = 0-0-0-0-90 % LK = 13
 Counterweight = 35.9 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
		1(0)		2(...)		3(90)		6(...)						
		A	B	C	D	A	B	C	D		A	B	C	D
16.4	28.2	45	45	52	52	41	52	47	55(59)	43	54	45	54	
		46	55	43	50(128)	52	52	45	45	55	46	50	43(232)	
19.7	27.6	47	47	50	50	46	50	48	51(59)	46	51	47	51	
		47	51	47	49(128)	50	50	47	47	51	47	49	47(232)	
23.0	26.9	49	49	48	48	49	47	49	48(59)	49	47	50	48	
		49	47	50	49(127)	47	47	49	49	47	49	49	50(232)	
26.2	26.2	50	50	46	46	53	45	50	44(59)	52	43	52	45	
		50	43	53	47(128)	45	45	51	51	43	50	47	53(232)	
29.5	25.6	52	52	44	44	57	43	51	41(59)	56	40	54	43	
		51	39	56	47(128)	43	43	53	53	39	51	47	56(232)	
32.8	24.5	54	54	42	42	60	42	52	38(59)	58	37	56	40	
		58	37	56	40(90)	41	41	54	54	37	58	40	56(270)	
39.4	22.7	56	56	39	39	61	50	43	35(19)	62	31	60	36	
		62	31	60	36(92)	38	38	57	57	31	62	36	60(267)	
45.9	20.9	58	58	35	35	67	47	44	30(29)	66	26	63	32	
		64	24	65	35(101)	34	34	59	59	24	63	35	65(258)	
52.5	19.2	60	60	33	33	71	44	45	25(34)	70	22	65	29	
		65	19	68	33(105)	32	32	61	61	19	65	34	68(254)	
59.1	17.2	61	61	31	31	74	42	46	22(37)	72	19	67	26	
		66	15	71	32(108)	30	30	62	62	15	65	33	71(251)	
65.6	15.2	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)	
72.2	13.9	63	63	28	28	78	40	46	17(38)	75	13	69	22	
		69	9	74	28(106)	26	26	64	64	9	69	29	74(253)	
78.7	12.6	63	63	26	26	80	39	46	15(39)	77	11	71	21	
		70	7	75	27(107)	24	24	65	65	7	69	28	75(252)	
85.3	10.8	63	63	25	25	80	38	46	14(39)	77	10	71	20	
		69	6	75	27(107)	24	24	65	65	6	69	27	75(252)	
91.9	9.5	63	63	25	25	80	37	45	13(39)	77	9	71	19	
		70	5	76	26(107)	23	23	65	65	4	69	26	76(252)	
98.4	8.2	63	63	24	24	80	37	45	12(39)	77	8	71	19	
		69	4	76	26(107)	22	22	65	65	4	69	26	76(252)	
105.0	7.1	63	63	24	24	80	36	46	11(40)	77	8	71	18	
		69	3	76	26(108)	22	22	65	65	3	69	26	76(251)	
111.5	6.2	63	63	23	23	81	35	45	11(40)	78	7	71	17	
		69	2	76	25(108)	21	21	65	65	2	69	26	77(251)	

 HA= 68.6 HI= 55.8 GGW= 35.9 SL= 0.0 MAX(A,B,C,D)= 7.5 6.4 7.1 7.1

 Main boom and fixed jib (jib angle 0.0 degrees)
 Length of main boom = 70.2 ft Length of jib = 55.8 ft
 Main boom sequence = 0-0-0-0-0-100 % LK = 14
 Counterweight = 35.9 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip] (Pos.[Degrees]) 0-360 Degr.																										
		1(0)				2(...)				3(90)				4(...)				5(180)				6(...)						
		A	B	C	D	A	B	C	D	A	B	C	D	A	B	C	D	A	B	C	D							
16.4	28.0	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)
19.7	27.3	47	47	50	50	45	50	48	51	(59)	46	51	47	51	47	51	46	49	(128)	50	50	47	47	51	47	49	46	(232)
23.0	26.7	49	49	48	48	49	47	49	48	(59)	49	47	49	48	47	49	49	49	(127)	47	47	49	49	47	49	49	50	(232)
26.2	26.0	50	50	46	46	53	45	50	44	(59)	52	43	52	45	50	43	53	47	(128)	45	45	51	51	43	50	47	53	(232)
29.5	25.4	52	52	44	44	56	43	51	41	(59)	55	40	54	43	51	39	56	47	(128)	43	43	53	53	39	51	47	56	(232)
32.8	24.0	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)
39.4	21.4	55	55	39	39	58	51	42	37	(14)	60	32	58	37	60	32	58	37	(90)	38	38	56	56	32	60	37	58	(270)
45.9	18.5	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)
52.5	17.0	57	57	34	34	66	46	44	28	(30)	65	25	62	31	63	23	64	34	(101)	33	33	59	59	23	63	34	64	(258)
59.1	15.2	58	58	32	32	69	44	44	25	(33)	68	22	64	29	64	19	66	32	(104)	31	31	60	60	19	63	33	67	(255)
65.6	13.4	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	68	(253)
72.2	12.1	60	60	29	29	73	40	45	20	(37)	71	17	66	25	65	13	70	31	(108)	28	28	62	62	13	64	31	70	(251)
78.7	11.2	61	61	28	28	76	40	45	18	(37)	73	14	68	23	65	10	73	30	(110)	26	26	63	63	9	65	30	73	(249)
85.3	10.4	62	62	26	26	78	39	45	15	(38)	75	11	69	21	69	7	74	27	(106)	24	24	64	64	7	68	27	74	(253)
91.9	9.5	63	63	25	25	80	37	45	13	(39)	77	9	71	19	70	5	76	26	(107)	23	23	65	65	5	69	26	76	(252)
98.4	8.2	63	63	24	24	80	37	45	12	(39)	77	8	71	19	69	4	76	26	(107)	22	22	65	65	4	69	26	76	(252)
105.0	7.1	63	63	24	24	80	36	46	12	(40)	77	8	71	18	69	3	76	26	(108)	22	22	65	65	3	68	26	76	(251)
111.5	6.2	63	63	23	23	81	35	45	11	(40)	77	7	71	17	69	2	76	25	(108)	21	21	65	65	2	69	26	77	(251)

 HA= 70.2 HI= 55.8 GGW= 35.9 SL= 0.0 MAX(A,B,C,D)= 7.5 6.4 7.1 7.1

Main boom and fixed jib (jib angle 0.0 degrees)
 Length of main boom = 82.3 ft Length of jib = 55.8 ft
 Main boom sequence = 0-0-0-0-45-90 % LK = 20
 Counterweight = 35.9 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
19.7	26.7	47	47	50	50	45	49	48	51(59)	45	51	47	51
		47	51	46	49(128)	50	50	47	47	51	47	49	46(232)
23.0	26.0	48	48	48	48	49	47	49	48(59)	49	47	49	48
		48	47	49	48(127)	47	47	49	49	47	48	48	49(232)
26.2	25.4	50	50	46	46	52	45	50	45(59)	52	44	51	45
		49	43	52	47(128)	45	45	51	51	43	49	47	52(232)
29.5	24.9	52	52	44	44	56	43	51	41(59)	55	40	54	43
		51	39	56	47(128)	43	43	53	53	39	51	47	56(232)
32.8	24.3	54	54	42	42	60	41	52	38(59)	58	37	56	40
		58	37	56	40(90)	41	41	54	54	37	58	40	56(270)
39.4	22.9	57	57	38	38	62	50	43	34(21)	63	31	60	35
		62	30	61	36(94)	37	37	58	58	30	62	36	61(265)
45.9	21.4	59	59	35	35	68	47	45	28(31)	68	25	63	31
		65	23	66	34(102)	34	34	60	60	23	64	35	66(257)
52.5	19.8	61	61	32	32	73	43	46	24(36)	71	21	67	28
		66	17	70	33(107)	31	31	62	62	17	65	34	70(252)
59.1	18.3	63	63	30	30	77	43	46	20(36)	75	17	69	25
		67	13	73	32(109)	28	28	64	64	12	67	32	74(250)
65.6	16.8	64	64	27	27	80	41	47	16(38)	77	13	71	22
		71	9	75	28(106)	26	26	65	65	9	70	29	75(253)
72.2	14.6	64	64	26	26	81	39	47	15(39)	78	11	71	21
		70	7	76	28(107)	25	25	66	66	7	70	28	76(252)
78.7	12.3	64	64	26	26	80	38	46	14(39)	77	11	71	20
		70	7	75	27(107)	24	24	65	65	6	69	28	76(252)
85.3	10.6	63	63	25	25	80	38	46	14(39)	77	10	71	20
		70	6	75	27(107)	24	24	65	65	6	69	27	76(252)
91.9	9.3	63	63	24	24	80	37	45	13(39)	77	9	71	19
		70	4	76	26(107)	23	23	65	65	4	69	26	76(252)
98.4	7.9	63	63	24	24	80	37	45	12(39)	77	8	71	18
		70	4	76	25(107)	22	22	65	65	4	69	26	76(252)
105.0	6.8	63	63	24	24	81	36	45	11(40)	77	7	71	18
		69	3	76	25(108)	22	22	65	65	2	69	26	76(251)
111.5	6.0	63	63	23	23	81	35	45	10(40)	78	6	71	17
		69	2	77	25(108)	21	21	65	65	1	69	25	77(251)
118.1	5.1	63	63	22	22	82	35	45	10(40)	78	6	71	17
		69	1	77	24(108)	20	20	65	65	1	69	25	77(251)
124.7	4.4	63	63	22	22	82	34	46	9(41)	78	5	72	16
		69	0	78	24(109)	20	20	66	66	0	68	24	78(250)

HA= 82.3 HI= 55.8 GGW= 35.9 SL= 0.0 MAX(A,B,C,D)= 7.7 6.5 7.2 7.3

Main boom and fixed jib (jib angle 0.0 degrees)

Length of main boom = 84.0 ft Length of jib = 55.8 ft

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

Counterweight = 35.9 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

19.7	26.2	46	46	50	50	45	50	48	51(59)	45	51	46	51
		47	51	46	49(128)	50	50	47	47	51	47	49	46(232)
23.0	25.8	48	48	48	48	49	47	49	48(59)	48	47	49	48
		48	47	49	48(127)	47	47	49	49	47	48	48	49(232)
26.2	25.1	50	50	46	46	52	45	50	45(59)	51	44	51	45
		49	43	52	47(128)	45	45	51	51	43	49	47	52(232)
29.5	24.7	52	52	44	44	56	43	51	41(59)	55	40	54	43
		50	39	55	47(128)	43	43	52	52	39	50	47	55(232)
32.8	24.0	53	53	42	42	59	42	52	38(59)	58	37	56	40
		58	37	56	40(90)	41	41	54	54	37	58	40	56(270)
39.4	22.0	56	56	39	39	60	50	43	35(18)	62	32	59	36
		62	31	59	36(91)	38	38	57	57	31	62	36	60(268)
45.9	20.1	58	58	36	36	65	47	44	30(28)	65	27	62	33
		63	25	63	35(99)	35	35	59	59	25	63	35	64(260)
52.5	17.9	59	59	34	34	68	45	45	27(32)	68	23	64	30
		64	21	66	33(103)	32	32	60	60	21	64	34	66(256)
59.1	16.3	60	60	31	31	72	42	46	23(36)	71	20	66	27
		65	16	69	32(107)	30	30	62	62	16	65	33	69(252)
65.6	15.0	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)
72.2	13.4	62	62	28	28	77	40	45	17(37)	75	14	69	22
		69	10	73	28(105)	26	26	64	64	10	69	28	73(254)
78.7	12.1	63	63	26	26	79	39	45	15(38)	76	11	70	21
		70	7	75	27(106)	24	24	65	65	7	69	28	75(253)
85.3	10.8	64	64	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)
91.9	9.3	63	63	24	24	80	37	45	13(39)	77	9	71	19
		70	4	76	26(107)	23	23	65	65	4	69	26	76(252)
98.4	7.9	63	63	24	24	80	37	45	12(39)	77	8	71	18
		70	4	76	25(107)	22	22	65	65	4	69	26	76(252)
105.0	6.8	63	63	24	24	81	36	45	11(40)	77	7	71	18
		69	3	76	25(108)	22	22	65	65	3	69	26	76(251)
111.5	6.0	63	63	23	23	81	35	45	10(40)	78	6	71	17
		69	2	77	25(108)	21	21	65	65	2	69	25	77(251)
118.1	5.1	63	63	22	22	81	35	45	10(40)	78	6	71	17
		69	1	77	24(108)	21	21	65	65	1	69	25	77(251)
124.7	4.4	63	63	22	22	82	35	45	9(40)	78	5	72	16
		70	0	77	24(108)	20	20	66	66	0	69	24	78(251)

 HA= 84.0 HI= 55.8 GGW= 35.9 SL= 0.0 MAX(A,B,C,D)= 7.6 6.5 7.2 7.2

Main boom and fixed jib (jib angle 0.0 degrees)

Length of main boom = 96.5 ft Length of jib = 55.8 ft

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

Counterweight = 35.9 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
	1(0)		2(...)		3(90)		6(...)						
	A	B	C	D	A	B	C	D					
23.0	24.5	47	47	48	48	47	47	48	48(59)	47	47	48	48
		47	48	48	48(127)	47	47	48	48	48	47	48	48(232)
26.2	24.0	49	49	46	46	51	45	49	45(59)	50	44	50	46
		49	43	51	47(128)	45	45	50	50	43	49	47	51(232)

29.5	23.6	51	51	44	44	55	44	50	42(59)	54	41	53	43
		50	40	54	47(128)	43	43	52	52	40	50	47	54(232)
32.8	23.1	53	53	42	42	58	42	51	39(59)	57	37	55	41
		57	37	55	41(90)	41	41	54	54	37	57	41	55(270)
39.4	22.3	56	56	38	38	61	50	43	35(20)	63	31	60	36
		62	31	60	36(92)	37	37	57	57	31	62	36	60(267)
45.9	20.9	59	59	35	35	68	47	45	29(30)	67	26	63	32
		64	23	65	34(102)	34	34	60	60	23	64	35	66(257)
52.5	19.8	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)
59.1	18.7	64	64	29	29	78	42	47	19(37)	76	15	70	24
		68	11	75	31(110)	28	28	65	65	11	68	32	75(249)
65.6	17.0	65	65	27	27	81	40	47	15(39)	78	12	72	21
		71	8	76	28(107)	26	26	66	66	8	71	29	77(252)
72.2	14.3	64	64	26	26	81	39	47	15(39)	78	11	71	21
		70	7	76	28(107)	25	25	66	66	7	70	28	76(252)
78.7	12.1	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)
85.3	10.6	64	64	25	25	81	38	46	13(39)	78	9	71	19
		70	5	76	26(107)	23	23	65	65	5	70	27	76(252)
91.9	9.0	63	63	24	24	80	37	45	12(39)	77	9	71	19
		70	4	76	26(107)	22	22	65	65	4	69	26	76(252)
98.4	7.7	63	63	24	24	81	36	46	12(40)	77	8	71	18
		69	3	76	26(108)	22	22	65	65	3	69	26	76(251)
105.0	6.6	63	63	23	23	81	36	45	11(40)	77	7	71	17
		69	2	76	25(108)	21	21	65	65	2	69	26	77(251)
111.5	5.7	63	63	23	23	82	35	45	10(40)	78	6	71	17
		70	1	77	25(108)	21	21	65	65	1	69	25	77(251)
118.1	4.9	63	63	22	22	82	35	45	9(40)	78	6	72	16
		70	0	77	24(108)	20	20	65	65	0	69	25	77(251)
124.7	4.2	64	64	22	22	83	34	46	8(41)	79	4	72	15
		69	0	78	23(109)	19	19	66	66	0	68	24	79(250)
131.2	3.3	63	63	22	22	82	34	45	9(41)	78	4	72	15
		68	0	78	23(109)	19	19	65	65	0	68	24	78(250)
137.8	2.6	63	63	21	21	82	34	45	8(41)	78	4	72	15
		68	0	78	23(109)	19	19	65	65	0	67	23	79(250)

 HA= 96.5 HI= 55.8 GGW= 35.9 SL= 0.0 MAX(A,B,C,D)= 7.7 6.6 7.3 7.3

Main boom and fixed jib (jib angle 0.0 degrees)
 Length of main boom = 100.4 ft Length of jib = 55.8 ft
 Main boom sequence = 0-0-0-0-100-100 % LK = 29
 Counterweight = 35.9 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
	1(0)		2(...)		3(90)		6(...)						
	A	B	C	D	A	B	C	D	A	B	C	D	
23.0	23.8	47	47	48	48	47	48	48	49(59)	47	48	48	49
		47	48	48	48(127)	48	48	48	48	48	47	48	48(232)
26.2	23.4	49	49	46	46	50	46	49	45(59)	50	44	50	46
		48	44	50	47(128)	45	45	50	50	44	48	47	50(232)
29.5	23.1	51	51	44	44	54	44	50	42(59)	53	41	52	43
		50	40	54	47(128)	43	43	52	52	40	50	47	54(232)

32.8	22.7	52	52	42	42	58	42	51	39(59)	56	38	55	41
		56	38	55	41(90)	41	41	53	53	38	56	41	55(270)
39.4	21.6	56	56	39	39	60	51	42	36(17)	62	32	59	36
		62	32	59	36(90)	38	38	56	56	32	62	36	59(269)
45.9	20.3	58	58	35	35	66	47	44	30(29)	66	26	62	32
		63	24	64	35(101)	34	34	59	59	24	63	35	65(258)
52.5	18.5	60	60	33	33	71	44	45	25(34)	69	22	65	29
		65	19	68	33(105)	32	32	61	61	19	65	34	68(254)
59.1	17.0	62	62	30	30	75	42	46	21(37)	73	18	67	26
		66	15	71	32(108)	29	29	63	63	14	66	32	71(251)
65.6	15.7	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	74(249)
72.2	14.3	64	64	26	26	81	39	47	15(39)	78	11	71	21
		71	7	76	28(107)	25	25	66	66	7	70	28	76(252)
78.7	12.1	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)
85.3	10.4	63	63	25	25	80	38	46	13(39)	77	10	71	20
		70	6	75	26(107)	23	23	65	65	5	69	27	76(252)
91.9	9.0	63	63	24	24	80	37	45	12(39)	77	9	71	19
		70	4	76	26(107)	22	22	65	65	4	69	26	76(252)
98.4	7.7	63	63	24	24	81	36	46	12(40)	77	8	71	18
		69	3	76	26(108)	22	22	65	65	3	69	26	76(251)
105.0	6.6	63	63	23	23	81	36	45	11(40)	78	7	71	17
		69	2	76	25(108)	21	21	65	65	2	69	26	77(251)
111.5	5.7	63	63	23	23	82	35	45	10(40)	78	6	71	17
		70	1	77	25(108)	21	21	65	65	1	69	25	77(251)
118.1	4.9	63	63	22	22	82	35	45	9(40)	78	6	72	16
		70	0	77	24(108)	20	20	65	65	0	69	25	77(251)
124.7	4.0	63	63	22	22	82	35	45	9(40)	78	5	71	16
		69	0	77	24(108)	20	20	65	65	0	69	24	77(251)
131.2	3.3	63	63	22	22	82	34	45	9(41)	78	4	72	15
		68	0	78	23(109)	19	19	65	65	0	68	24	78(250)
137.8	2.6	63	63	21	21	82	34	45	8(41)	78	4	72	15
		68	0	78	23(109)	19	19	65	65	0	67	23	79(250)

HA=100.4 HI= 55.8 GGW= 35.9 SL= 0.0 MAX(A,B,C,D)= 7.6 6.5 7.3 7.3

Main boom and fixed jib (jib angle 0.0 degrees)
 Length of main boom = 110.2 ft Length of jib = 55.8 ft
 Main boom sequence = 0-0-0-45-90-90 % LK = 36
 Counterweight = 35.9 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
	1(0)		2(...)		3(90)		6(...)						
	A	B	C	D	A	B	C	D					
26.2	23.1	49	49	46	46	51	45	49	45(59)	50	44	50	45
		48	43	51	47(128)	45	45	50	50	43	48	47	51(232)
29.5	22.9	51	51	44	44	55	43	50	41(59)	54	40	53	43
		50	39	54	46(128)	43	43	52	52	39	50	46	54(232)
32.8	22.5	53	53	42	42	58	41	51	38(59)	57	37	55	40
		57	37	55	40(90)	41	41	54	54	37	57	40	55(270)
39.4	21.6	56	56	38	38	61	50	43	35(20)	62	31	60	35
		62	30	60	36(93)	37	37	57	57	30	62	36	60(266)

45.9	20.7	59	59	35	35	68	46	45	28(31)	68	25	64	31
		64	22	66	34(103)	34	34	60	60	22	64	35	66(256)
52.5	19.6	62	62	31	31	75	43	47	22(37)	73	19	67	27
		66	16	71	33(108)	30	30	63	63	16	66	33	71(251)
59.1	18.7	65	65	28	28	80	41	47	17(38)	77	14	71	23
		69	10	76	31(111)	27	27	66	66	9	68	32	76(248)
65.6	16.5	65	65	26	26	82	39	47	15(39)	79	12	72	21
		71	7	77	28(107)	25	25	66	66	7	71	28	77(252)
72.2	13.9	64	64	26	26	81	39	47	14(39)	78	11	71	20
		71	6	76	27(107)	24	24	66	66	6	70	28	77(252)
78.7	11.7	64	64	25	25	80	38	46	14(39)	77	10	71	20
		70	6	76	27(107)	24	24	65	65	6	70	27	76(252)
85.3	9.9	63	63	25	25	80	37	46	13(39)	77	9	71	19
		70	5	76	26(107)	23	23	65	65	5	69	27	76(252)
91.9	8.6	64	64	24	24	81	36	46	12(40)	78	8	71	18
		70	3	77	26(108)	22	22	65	65	3	69	26	77(251)
98.4	7.3	63	63	23	23	81	36	46	11(40)	78	7	71	18
		70	2	77	25(108)	21	21	65	65	2	69	26	77(251)
105.0	6.2	63	63	23	23	82	35	45	10(40)	78	6	71	17
		70	2	77	25(108)	21	21	65	65	1	69	25	77(251)
111.5	5.3	64	64	22	22	82	35	45	9(40)	78	5	72	16
		70	0	77	24(108)	20	20	66	66	0	69	25	78(251)
118.1	4.2	63	63	22	22	82	35	45	9(40)	78	5	71	16
		69	0	77	24(108)	20	20	65	65	0	69	25	77(251)
124.7	3.5	63	63	22	22	82	34	45	8(41)	78	4	72	15
		68	0	78	23(109)	19	19	66	66	0	68	23	79(250)
131.2	2.6	63	63	21	21	82	34	45	8(41)	78	4	71	15
		68	0	78	23(109)	19	19	65	65	0	67	24	78(250)

 HA=110.2 HI= 55.8 GGW= 35.9 SL= 0.0 MAX(A,B,C,D)= 7.7 6.6 7.3 7.3

Main boom and fixed jib (jib angle 0.0 degrees)
 Length of main boom = 114.5 ft Length of jib = 55.8 ft
 Main boom sequence = 0-0-0-45-100-100 % LK = 37
 Counterweight = 35.9 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
	1(0)		2(...)		3(90)		6(...)						
	A	B	C	D	A	B	C	D					
26.2	22.5	49	49	46	46	50	45	49	45(59)	49	44	50	46
		48	44	50	47(128)	45	45	49	49	44	48	47	50(232)
29.5	22.3	50	50	44	44	54	43	50	42(59)	53	41	52	43
		49	40	54	46(128)	43	43	51	51	40	49	46	54(232)
32.8	21.8	52	52	42	42	57	42	51	39(59)	56	37	54	41
		56	37	54	41(90)	41	41	53	53	37	56	41	54(270)
39.4	20.9	55	55	39	39	60	50	43	35(18)	62	31	59	36
		62	31	59	36(90)	37	37	56	56	31	61	36	59(269)
45.9	20.3	59	59	35	35	68	46	45	28(31)	67	25	63	31
		64	23	65	34(102)	34	34	60	60	23	64	35	66(257)
52.5	19.0	61	61	32	32	73	43	46	23(36)	71	20	66	28
		66	17	70	33(107)	31	31	62	62	17	65	33	70(252)
59.1	17.6	63	63	29	29	77	42	46	19(37)	75	16	69	24
		67	12	74	32(110)	28	28	64	64	12	67	32	74(249)

65.6	16.3	65	65	27	27	81	40	47	15(39)	78	12	72	21
		71	8	76	28(107)	25	25	66	66	8	70	29	77(252)
72.2	13.9	64	64	26	26	81	39	47	14(39)	78	11	71	20
		71	6	76	27(107)	24	24	66	66	6	70	28	77(252)
78.7	11.7	64	64	25	25	80	38	46	14(39)	77	10	71	20
		70	6	76	27(107)	24	24	65	65	6	70	27	76(252)
85.3	9.9	63	63	25	25	80	37	46	13(39)	77	9	71	19
		70	5	76	26(107)	23	23	65	65	5	69	27	76(252)
91.9	8.6	64	64	24	24	81	36	46	12(40)	78	8	71	18
		70	3	77	26(108)	22	22	65	65	3	69	26	77(251)
98.4	7.3	63	63	23	23	81	36	46	11(40)	78	7	71	18
		70	2	77	25(108)	21	21	65	65	2	69	26	77(251)
105.0	6.2	63	63	23	23	82	35	45	10(40)	78	6	71	17
		70	2	77	25(108)	21	21	65	65	1	69	25	77(251)
111.5	5.3	64	64	22	22	82	35	45	9(40)	79	5	72	16
		70	0	77	24(108)	20	20	66	66	0	69	25	78(251)
118.1	4.2	63	63	22	22	82	35	45	9(40)	78	5	71	16
		69	0	77	24(108)	20	20	65	65	0	69	25	77(251)
124.7	3.3	63	63	22	22	81	35	45	9(40)	78	5	71	16
		69	0	77	24(108)	20	20	65	65	0	69	24	77(251)
131.2	2.6	63	63	21	21	82	34	45	8(41)	78	4	72	15
		68	0	78	23(109)	19	19	65	65	0	67	23	78(250)

 HA=114.5 HI= 55.8 GGW= 35.9 SL= 0.0 MAX(A,B,C,D)= 7.6 6.5 7.3 7.3

Main boom and fixed jib (jib angle 0.0 degrees)

Length of main boom = 124.3 ft Length of jib = 55.8 ft

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

Counterweight = 35.9 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.
		1(0)		2(...)		3(90)		6(...)		
		4(...)		5(180)		6(...)				
		A	B	C	D	A	B	C	D	
29.5	21.6	50	50	44	44	54	43	50	42(59)	52 41 52 43
		49	40	53	46(128)	43	43	51	51	40 49 46 53(232)
32.8	21.4	52	52	42	42	57	41	51	39(59)	56 37 55 41
		56	37	55	41(90)	41	41	53	53	37 56 41 55(270)
39.4	20.7	56	56	38	38	60	50	43	35(19)	62 31 59 35
		62	31	60	36(92)	37	37	57	57	30 61 36 60(267)
45.9	19.8	59	59	35	35	68	46	45	28(31)	67 25 63 31
		64	23	65	34(102)	34	34	60	60	23 64 34 66(257)
52.5	19.2	62	62	31	31	75	43	47	22(37)	73 19 67 27
		66	15	71	33(108)	30	30	63	63	15 66 33 71(251)
59.1	18.3	65	65	28	28	80	41	47	17(38)	77 14 71 23
		71	10	75	29(106)	27	27	66	66	10 71 29 76(253)
65.6	16.1	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(252)
72.2	13.4	64	64	26	26	81	39	46	14(39)	78 10 72 20
		71	6	77	27(107)	24	24	66	66	6 70 28 77(252)
78.7	11.2	64	64	25	25	81	38	46	13(39)	78 10 71 19
		70	5	76	26(107)	23	23	65	65	5 70 27 76(252)
85.3	9.5	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 76(252)

91.9	8.2	64	64	24	24	82	36	46	11(40)	78	7	72	18
		70	3	77	26(108)	22	22	66	66	2	69	26	77(251)
98.4	6.8	64	64	23	23	82	36	46	11(40)	78	7	72	17
		70	2	77	25(108)	21	21	66	66	2	69	26	77(251)
105.0	5.7	64	64	22	22	82	35	45	10(40)	78	6	72	17
		70	1	77	24(108)	21	21	66	66	1	69	25	77(251)
111.5	4.6	63	63	22	22	82	35	45	9(40)	78	6	72	16
		70	0	77	24(108)	20	20	65	65	0	69	25	77(251)
118.1	3.7	63	63	22	22	82	35	45	9(40)	78	5	72	16
		69	0	77	24(108)	20	20	65	65	0	69	24	78(251)
124.7	2.9	63	63	22	22	82	34	45	9(41)	78	4	72	15
		68	0	78	23(109)	19	19	65	65	0	67	24	78(250)

HA=124.3 HI= 55.8 GGW= 35.9 SL= 0.0 MAX(A,B,C,D)= 7.6 6.6 7.3 7.3

Main boom and fixed jib (jib angle 0.0 degrees)

Length of main boom = 130.9 ft Length of jib = 55.8 ft

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

Counterweight = 35.9 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.
		1(0)		2(...)		3(90)		6(...)		
		4(...)		5(180)		6(...)				
		A	B	C	D	A	B	C	D	
32.8	20.3	51	51	42	42	56	42	50	39(59)	54 38 54 41
		50	37	55	45(128)	41	41	52	52	37 50 45 55(232)
39.4	19.8	55	55	39	39	58	50	42	36(16)	61 32 58 36
		61	32	58	36(90)	37	37	56	56	32 61 36 58(270)
45.9	19.2	58	58	35	35	67	46	44	29(30)	66 26 63 32
		63	24	65	34(101)	34	34	59	59	24 63 34 65(258)
52.5	18.5	61	61	32	32	73	43	46	23(36)	72 20 67 27
		66	17	70	33(107)	30	30	62	62	16 65 33 70(252)
59.1	17.4	63	63	29	29	78	42	46	18(37)	76 15 70 24
		68	11	75	31(110)	27	27	65	65	11 67 32 75(249)
65.6	15.9	65	65	26	26	82	39	47	15(39)	78 11 72 21
		71	7	77	28(107)	25	25	66	66	7 71 28 77(252)
72.2	13.4	65	65	26	26	82	39	46	14(39)	78 10 72 20
		71	6	77	27(107)	24	24	66	66	6 70 27 77(252)
78.7	11.2	64	64	25	25	81	38	46	13(39)	78 9 71 19
		71	5	76	26(107)	23	23	66	66	5 70 27 77(252)
85.3	9.5	64	64	24	24	81	37	46	12(40)	78 9 71 19
		70	4	77	26(108)	22	22	65	65	4 69 27 77(251)
91.9	7.9	63	63	24	24	81	36	46	12(40)	78 8 71 18
		69	3	76	26(108)	22	22	65	65	3 69 26 77(251)
98.4	6.8	64	64	23	23	82	36	46	10(40)	78 6 72 17
		70	2	77	25(108)	21	21	66	66	2 69 25 77(251)
105.0	5.7	64	64	22	22	82	35	45	10(40)	79 6 72 16
		70	1	77	24(108)	20	20	66	66	0 69 25 78(251)
111.5	4.6	63	63	22	22	82	35	45	9(40)	78 5 72 16
		70	0	77	24(108)	20	20	66	66	0 69 25 77(251)
118.1	3.7	63	63	22	22	82	34	46	9(41)	79 4 72 15
		69	0	78	23(109)	19	19	66	66	0 68 24 79(250)
124.7	2.9	63	63	21	21	82	34	45	8(41)	78 4 72 15
		68	0	78	23(109)	19	19	66	66	0 67 23 79(250)

 HA=130.9 HI= 55.8 GGW= 35.9 SL= 0.0 MAX(A,B,C,D)= 7.7 6.6 7.3 7.3

Main boom and fixed jib (jib angle 0.0 degrees)
 Length of main boom = 138.1 ft Length of jib = 55.8 ft
 Main boom sequence = 0-0-45-90-90-90 % LK = 54
 Counterweight = 35.9 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]								(Pos.[Degrees])				0-360 Degr.
		1(0)		2(...)		3(90)		4(...)		5(180)		6(...)		
		A	B	C	D	A	B	C	D	A	B	C	D	
32.8	20.5	52	52	42	42	57	41	51	38	(59)	56	37	54	40
		56	37	54	40	(90)	41	41	53	53	37	56	40	54(270)
39.4	20.1	56	56	38	38	60	50	43	34	(20)	62	30	59	35
		62	30	60	36	(93)	37	37	57	57	30	61	36	60(266)
45.9	19.4	59	59	34	34	69	45	45	27	(32)	68	24	64	30
		64	22	66	34	(103)	33	33	60	60	22	64	34	66(256)
52.5	18.7	62	62	31	31	76	42	47	21	(38)	73	18	68	26
		67	15	72	32	(108)	29	29	63	63	14	67	32	72(251)
59.1	17.9	65	65	27	27	81	40	47	16	(39)	78	13	72	22
		71	9	76	29	(107)	26	26	66	66	9	71	29	77(252)
65.6	15.0	65	65	26	26	81	39	47	15	(39)	78	11	72	21
		71	7	76	28	(107)	25	25	66	66	7	70	28	77(252)
72.2	12.6	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)
78.7	10.6	64	64	25	25	82	37	46	12	(40)	78	9	72	19
		70	4	77	26	(108)	23	23	66	66	4	69	27	77(251)
85.3	8.8	64	64	24	24	82	36	46	12	(40)	78	8	71	18
		70	3	77	26	(108)	22	22	66	66	3	69	26	77(251)
91.9	7.3	64	64	23	23	81	36	46	11	(40)	78	7	71	17
		70	2	77	25	(108)	21	21	65	65	2	69	26	77(251)
98.4	6.2	64	64	22	22	82	35	45	10	(40)	79	6	72	17
		70	1	77	24	(108)	21	21	66	66	1	70	25	78(251)
105.0	4.9	63	63	22	22	82	35	45	10	(40)	78	6	72	16
		70	1	77	24	(108)	20	20	65	65	0	69	25	77(251)
111.5	3.7	63	63	22	22	82	35	45	9	(40)	78	5	71	16
		69	0	77	24	(108)	20	20	65	65	0	69	24	77(251)
118.1	2.9	63	63	22	22	82	34	45	9	(41)	78	4	72	15
		68	0	78	23	(109)	19	19	65	65	0	67	24	78(250)

 HA=138.1 HI= 55.8 GGW= 35.9 SL= 0.0 MAX(A,B,C,D)= 7.6 6.6 7.2 7.3

Main boom and fixed jib (jib angle 0.0 degrees)
 Length of main boom = 145.0 ft Length of jib = 55.8 ft
 Main boom sequence = 0-0-45-100-100-100 % LK = 55
 Counterweight = 35.9 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]								(Pos.[Degrees])				0-360 Degr.
		1(0)		2(...)		3(90)		4(...)		5(180)		6(...)		
		A	B	C	D	A	B	C	D	A	B	C	D	
39.4	19.0	55	55	38	38	58	50	42	35	(16)	60	31	58	36
		60	31	58	36	(90)	37	37	56	56	31	60	36	58(270)

45.9	18.5	58	58	35	35	67	46	44	28(30)	66	25	63	31
		63	23	65	34(102)	34	34	59	59	23	63	34	65(257)
52.5	17.9	61	61	31	31	74	42	46	22(37)	72	19	67	27
		66	16	71	32(107)	30	30	62	62	16	66	33	71(252)
59.1	17.4	64	64	28	28	80	41	47	17(38)	77	13	71	22
		71	9	75	28(106)	26	26	66	66	9	70	29	76(253)
65.6	14.6	64	64	27	27	80	39	47	15(39)	77	12	71	21
		70	8	75	28(107)	25	25	65	65	7	70	28	76(252)
72.2	12.3	64	64	26	26	81	38	46	14(39)	78	10	71	20
		70	6	76	27(107)	24	24	65	65	6	70	27	76(252)
78.7	10.4	64	64	25	25	81	38	46	13(39)	78	9	71	19
		70	5	76	26(107)	23	23	65	65	5	70	27	76(252)
85.3	8.6	63	63	24	24	81	36	46	12(40)	78	8	71	18
		69	4	76	26(108)	22	22	65	65	4	69	26	77(251)
91.9	7.1	63	63	24	24	81	36	46	11(40)	77	7	71	18
		69	3	76	26(108)	22	22	65	65	3	69	26	76(251)
98.4	6.0	63	63	23	23	82	35	45	10(40)	78	6	72	17
		70	1	77	25(108)	21	21	65	65	1	69	25	77(251)
105.0	4.6	63	63	23	23	81	35	45	10(40)	78	6	71	17
		69	1	77	24(108)	21	21	65	65	1	69	25	77(251)
111.5	3.7	63	63	22	22	82	35	45	9(40)	78	5	72	16
		70	0	77	24(108)	20	20	65	65	0	69	24	77(251)
118.1	2.9	63	63	21	21	82	34	45	8(41)	78	4	72	15
		68	0	78	23(109)	19	19	65	65	0	67	23	79(250)

 HA=145.0 HI= 55.8 GGW= 35.9 SL= 0.0 MAX(A,B,C,D)= 7.6 6.5 7.3 7.3

Main boom and fixed jib (jib angle 0.0 degrees)
 Length of main boom = 152.2 ft Length of jib = 55.8 ft
 Main boom sequence = 0-0-90-90-90-90 % LK = 62
 Counterweight = 35.9 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
	1(0)		2(...)		3(90)		6(...)						
	A	B	C	D	A	B	C	D	A	B	C	D	
39.4	19.0	55	55	38	38	60	50	42	34(19)	62	30	59	35
		61	30	59	35(92)	37	37	56	56	30	61	36	59(267)
45.9	18.5	59	59	34	34	68	45	45	27(32)	68	24	63	30
		64	22	66	34(103)	33	33	60	60	21	64	34	66(256)
52.5	17.9	62	62	30	30	75	41	47	21(38)	73	18	68	26
		67	14	72	32(108)	29	29	63	63	14	66	32	72(251)
59.1	16.1	63	63	28	28	79	41	47	17(38)	76	14	70	23
		68	10	75	31(110)	27	27	65	65	9	67	31	75(249)
65.6	13.4	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)
72.2	11.2	63	63	26	26	80	38	46	14(39)	77	11	70	20
		69	7	75	27(107)	24	24	65	65	6	69	28	75(252)
78.7	9.3	63	63	25	25	80	37	45	13(39)	77	10	70	19
		69	5	75	26(107)	23	23	65	65	5	69	27	75(252)
85.3	7.5	63	63	24	24	79	37	45	13(39)	76	9	70	19
		69	4	75	26(107)	22	22	65	65	4	69	26	75(252)
91.9	6.2	63	63	24	24	80	36	45	12(39)	77	8	71	18
		69	3	75	25(107)	22	22	65	65	3	69	26	76(252)

98.4 4.9 63 63 23 23 80 35 45 11(40) 77 7 71 17
 69 2 76 25(108) 21 21 65 65 2 68 26 76(251)
 105.0 3.7 63 63 23 23 80 35 45 10(40) 77 6 71 17
 69 1 76 25(108) 21 21 65 65 1 68 25 76(251)
 111.5 2.9 63 63 22 22 81 35 45 9(40) 77 5 71 16
 69 0 76 24(108) 20 20 65 65 0 69 24 77(251)

 HA=152.2 HI= 55.8 GGW= 35.9 SL= 0.0 MAX(A,B,C,D)= 7.5 6.4 7.1 7.1

Main boom and fixed jib (jib angle 0.0 degrees)
 Length of main boom = 161.4 ft Length of jib = 55.8 ft
 Main boom sequence = 0-0-100-100-100-100 % LK = 63
 Counterweight = 35.9 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]								(Pos.[Degrees])				0-360 Degr.											
		1(0)		2(...)				3(90)		4(...)		5(180)			6(...)										
		A	B	C	D	A	B	C	D	A	B	C	D		A	B	C	D							
45.9	17.4	58	58	35	35	66	46	44	28(30)	66	25	62	31	63	23	64	34(101)	33	33	59	59	23	63	34	65(258)
52.5	17.0	61	61	31	31	74	42	46	22(37)	72	19	67	26	66	16	70	32(107)	30	30	62	62	15	65	32	71(252)
59.1	15.7	63	63	28	28	78	41	46	18(37)	75	15	69	23	67	10	74	31(110)	27	27	64	64	10	67	31	75(249)
65.6	13.0	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)
72.2	10.8	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)
78.7	8.8	62	62	25	25	79	37	45	14(39)	76	10	70	20	69	6	74	27(107)	24	24	64	64	6	68	27	75(252)
85.3	7.3	63	63	24	24	79	37	45	13(39)	76	9	70	19	69	5	75	26(107)	23	23	64	64	4	68	26	75(252)
91.9	5.7	62	62	24	24	79	37	45	12(39)	76	8	70	19	69	4	75	25(107)	22	22	64	64	4	68	26	75(252)
98.4	4.6	62	62	23	23	80	35	45	11(40)	77	7	70	17	68	2	75	25(108)	21	21	65	65	2	68	26	76(251)
105.0	3.5	62	62	23	23	80	35	45	10(40)	77	6	71	17	69	2	76	25(108)	21	21	65	65	2	68	25	76(251)
111.5	2.4	62	62	22	22	80	35	45	10(40)	76	6	70	17	68	1	75	24(108)	20	20	64	64	1	68	25	76(251)

 HA=161.4 HI= 55.8 GGW= 35.9 SL= 0.0 MAX(A,B,C,D)= 7.4 6.4 7.0 7.0

Main boom and fixed jib (jib angle 0.0 degrees)
 Length of main boom = 166.0 ft Length of jib = 55.8 ft
 Main boom sequence = 0-45-90-90-90-90 % LK = 68
 Counterweight = 35.9 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]								(Pos.[Degrees])				0-360 Degr.											
		1(0)		2(...)				3(90)		4(...)		5(180)			6(...)										
		A	B	C	D	A	B	C	D	A	B	C	D		A	B	C	D							
45.9	17.9	59	59	33	33	69	45	45	26(33)	68	23	64	30	64	21	67	33(104)	32	32	60	60	20	64	34	67(255)

52.5	17.4	62	62	30	30	77	41	47	20(39)	74	17	69	25
		67	13	73	32(109)	28	28	64	64	13	67	32	73(250)
59.1	14.3	62	62	28	28	77	41	46	18(37)	75	15	69	23
		67	10	73	31(110)	27	27	64	64	10	66	31	74(249)
65.6	11.7	62	62	27	27	77	40	45	17(37)	75	13	69	22
		69	9	73	28(105)	26	26	64	64	9	68	28	73(254)
72.2	9.5	62	62	26	26	77	39	45	15(38)	75	12	69	21
		68	8	73	27(106)	24	24	64	64	8	68	28	73(253)
78.7	7.7	62	62	25	25	78	38	45	14(38)	75	10	69	20
		69	6	74	26(106)	23	23	64	64	6	68	27	74(253)
85.3	6.0	62	62	25	25	78	37	44	14(38)	75	10	69	19
		68	6	73	26(106)	23	23	64	64	5	68	26	74(253)
91.9	4.6	62	62	24	24	78	36	45	13(39)	75	8	69	19
		68	4	74	25(107)	22	22	64	64	4	67	26	74(252)
98.4	3.3	62	62	24	24	78	36	44	12(39)	75	8	69	18
		68	4	74	25(107)	21	21	63	63	3	67	26	74(252)
105.0	2.4	62	62	23	23	79	35	45	11(40)	76	7	70	17
		68	2	75	25(108)	21	21	64	64	2	67	25	75(251)

HA=166.0 HI= 55.8 GGW= 35.9 SL= 0.0 MAX(A,B,C,D)= 7.4 6.3 7.0 7.0

Main boom and fixed jib (jib angle 0.0 degrees)

Length of main boom = 175.5 ft Length of jib = 55.8 ft

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

Counterweight = 35.9 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
	1(0)		2(...)		3(90)		6(...)						
	A	B	C	D	A	B	C	D					
45.9	16.8	58	58	34	34	67	45	44	28(31)	66	24	63	30
		63	22	65	34(102)	33	33	59	59	22	63	34	65(257)
52.5	16.3	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)
59.1	13.7	62	62	29	29	75	41	45	19(36)	73	15	68	24
		66	11	72	31(109)	27	27	63	63	11	66	31	73(250)
65.6	11.2	62	62	28	28	76	40	45	17(37)	74	14	68	22
		68	10	72	28(105)	26	26	63	63	10	68	28	72(254)
72.2	9.0	61	61	27	27	76	39	44	16(37)	74	12	68	21
		68	9	72	27(105)	25	25	63	63	9	68	27	73(254)
78.7	7.3	61	61	26	26	77	38	45	15(38)	74	11	69	21
		68	7	73	26(106)	24	24	63	63	7	67	27	73(253)
85.3	5.7	61	61	25	25	77	37	44	14(38)	75	10	69	20
		68	6	73	26(106)	23	23	63	63	6	67	26	73(253)
91.9	4.4	62	62	24	24	78	36	45	13(39)	75	9	69	19
		68	4	74	26(107)	22	22	63	63	4	67	26	74(252)
98.4	3.1	61	61	24	24	78	36	44	12(39)	75	8	69	18
		67	4	74	25(107)	22	22	63	63	4	67	26	74(252)

HA=175.5 HI= 55.8 GGW= 35.9 SL= 0.0 MAX(A,B,C,D)= 7.2 6.3 6.8 6.9

Main boom and fixed jib (jib angle 0.0 degrees)

Length of main boom = 180.1 ft Length of jib = 55.8 ft

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

Counterweight = 35.9 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
	1(0)		2(...)		3(90)		6(...)						
	A	B	C	D	A	B	C	D	A	B	C	D	
45.9	17.0	59	59	33	33	69	44	45	26(33)	68	22	64	29
		64	20	67	33(104)	32	32	60	60	20	64	33	67(255)
52.5	15.4	61	61	30	30	74	41	46	21(37)	72	18	67	26
		66	14	71	32(108)	29	29	62	62	14	65	32	71(251)
59.1	12.6	61	61	29	29	75	41	45	19(36)	73	16	67	24
		65	12	72	31(109)	27	27	63	63	11	65	31	72(250)
65.6	9.9	61	61	28	28	75	40	44	18(36)	73	14	67	23
		65	10	72	30(109)	26	26	62	62	10	65	30	72(250)
72.2	7.9	61	61	27	27	75	39	44	16(37)	73	13	68	22
		67	9	72	27(105)	25	25	63	63	9	67	27	72(254)
78.7	6.2	61	61	26	26	76	38	44	15(38)	73	11	68	21
		67	7	72	27(106)	24	24	63	63	7	67	27	72(253)
85.3	4.6	61	61	25	25	76	37	44	14(38)	74	10	68	20
		67	6	72	26(106)	23	23	63	63	6	67	26	73(253)
91.9	3.3	61	61	24	24	77	37	44	13(38)	74	9	68	19
		67	5	73	25(106)	22	22	63	63	5	67	26	73(253)

HA=180.1 HI= 55.8 GGW= 35.9 SL= 0.0 MAX(A,B,C,D)= 7.1 6.2 6.8 6.8

Main boom and fixed jib (jib angle 0.0 degrees)

Length of main boom = 191.9 ft Length of jib = 55.8 ft
Main boom sequence = 0-100-100-100-100-100 % LK = 74
Counterweight = 35.9 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
	1(0)		2(...)		3(90)		6(...)						
	A	B	C	D	A	B	C	D	A	B	C	D	
52.5	14.8	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)
59.1	11.9	60	60	29	29	73	41	44	20(35)	72	16	67	24
		65	12	71	30(108)	27	27	62	62	12	65	31	71(251)
65.6	9.5	60	60	28	28	74	40	44	18(36)	72	14	67	23
		65	10	71	30(109)	26	26	62	62	10	64	30	71(250)
72.2	7.3	60	60	27	27	74	39	44	17(37)	72	13	67	22
		66	10	71	27(105)	25	25	62	62	9	66	28	71(254)
78.7	5.5	60	60	26	26	75	38	44	16(37)	72	12	67	21
		67	8	71	27(105)	24	24	62	62	8	66	27	71(254)
85.3	4.0	60	60	26	26	75	38	43	15(37)	72	11	67	21
		67	7	71	26(105)	23	23	62	62	7	66	26	71(254)
91.9	2.6	60	60	25	25	75	37	43	14(38)	73	10	67	20
		66	6	71	26(106)	23	23	62	62	6	66	26	72(253)

HA=191.9 HI= 55.8 GGW= 35.9 SL= 0.0 MAX(A,B,C,D)= 7.0 6.1 6.6 6.7

Main boom and fixed jib (jib angle 0.0 degrees)

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

Counterweight = 35.9 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
	1(0)		2(...)		3(90)		6(...)						
	A	B	C	D	A	B	C	D	A	B	C	D	
52.5	13.2	60	60	30	30	72	41	45	22(36)	70	19	65	26
	64	15	69	32(107)	29	29	61	61	15	64	32	69(252)	
59.1	10.4	60	60	29	29	73	40	45	20(37)	71	17	66	25
	64	13	70	31(108)	27	27	61	61	13	64	31	70(251)	
65.6	7.9	59	59	28	28	73	40	44	19(36)	71	15	66	23
	64	11	70	30(109)	26	26	61	61	11	63	30	70(250)	
72.2	6.0	59	59	27	27	73	39	43	17(36)	71	13	66	22
	66	10	70	27(104)	25	25	61	61	10	66	27	70(255)	
78.7	4.2	59	59	26	26	73	38	43	16(37)	71	12	66	21
	66	9	70	27(105)	24	24	62	62	9	65	27	70(254)	
85.3	2.9	60	60	25	25	74	37	43	15(37)	72	11	67	20
	66	7	71	26(105)	23	23	62	62	7	66	26	71(254)	

HA=193.9 HI= 55.8 GGW= 35.9 SL= 0.0 MAX(A,B,C,D)= 6.9 6.1 6.6 6.6

Main boom and fixed jib (jib angle 0.0 degrees)

Length of main boom = 205.7 ft Length of jib = 55.8 ft
Main boom sequence = 45-100-100-100-100-100 % LK = 77
Counterweight = 35.9 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
	1(0)		2(...)		3(90)		6(...)						
	A	B	C	D	A	B	C	D	A	B	C	D	
52.5	12.6	59	59	31	31	71	42	45	22(35)	69	19	65	27
	64	16	68	32(106)	29	29	61	61	16	64	32	68(253)	
59.1	9.9	59	59	29	29	72	40	45	20(37)	70	17	65	25
	64	13	69	31(108)	28	28	61	61	13	63	31	69(251)	
65.6	7.5	59	59	28	28	72	40	43	19(35)	70	15	65	24
	64	12	69	30(108)	26	26	61	61	11	63	30	70(251)	
72.2	5.5	59	59	27	27	72	39	43	18(36)	70	14	66	23
	63	10	70	29(109)	25	25	61	61	10	63	30	70(250)	
78.7	3.7	59	59	27	27	73	39	43	17(36)	71	13	66	22
	65	9	69	27(104)	24	24	61	61	9	65	27	69(255)	
85.3	2.4	59	59	26	26	73	37	43	16(37)	71	11	66	21
	65	8	70	26(105)	23	23	61	61	8	65	26	70(254)	

HA=205.7 HI= 55.8 GGW= 35.9 SL= 0.0 MAX(A,B,C,D)= 6.8 6.0 6.5 6.5

Main boom and fixed jib (jib angle 0.0 degrees)

Length of main boom = 208.0 ft Length of jib = 55.8 ft
Main boom sequence = 90-90-90-90-90-90 % LK = 78
Counterweight = 35.9 kip

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

52.5 11.2 58 58 31 31 70 42 44 23(35) 68 19 64 27
 63 16 67 31(106) 29 29 60 60 16 63 32 68(253)
 59.1 8.6 58 58 29 29 71 40 44 21(36) 69 17 65 25
 63 14 68 30(107) 28 28 60 60 13 63 31 69(252)
 65.6 6.2 58 58 28 28 71 40 43 19(35) 69 15 65 24
 63 12 69 30(108) 26 26 60 60 12 62 30 69(251)
 72.2 4.2 58 58 27 27 71 39 43 18(35) 69 14 65 23
 63 10 69 29(108) 25 25 60 60 10 62 29 69(251)
 78.7 2.6 58 58 26 26 72 38 43 17(36) 70 13 65 22
 65 9 69 26(104) 24 24 61 61 9 65 27 69(255)

 HA=208.0 HI= 55.8 GGW= 35.9 SL= 0.0 MAX(A,B,C,D)= 6.7 6.0 6.4 6.4

HA=208.0 HI= 55.8 GGW= 35.9 SL= 0.0 MAX(A,B,C,D)= 0.0 0.0 0.0 0.0

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

14.10.2003, 15:37:22

Eingabedatei: ilam.dat

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

Tabellendat.: /berechnung/tabellen/ac/ac200-1/serie_3/pc_tab/22137312_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 = 55.8 ft

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

Counterweight = 35.9 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.			
	1(0)	2(...)	3(90)		4(...)	5(180)	6(...)					
	A	B	C	D	A	B	C	D	A	B	C	D
29.5 21.2	46	46	48	48	45	47	47	49(59)	45	48	46	49
	46	48	46	48(127)	47	47	47	47	48	46	48	46(232)
32.8 20.3	47	47	47	47	47	46	48	46(59)	47	45	48	46
	47	45	48	47(127)	45	45	48	48	45	47	47	48(232)
39.4 18.5	49	49	43	43	52	43	49	41(59)	51	40	51	43
	48	39	52	45(128)	42	42	50	50	39	48	45	52(232)
45.9 17.2	51	51	40	40	57	40	50	37(59)	56	35	54	39
	56	35	54	39(90)	39	39	53	53	35	56	39	54(270)
52.5 16.1	54	54	37	37	58	49	41	35(17)	60	30	58	35
	60	30	58	35(90)	36	36	55	55	30	60	35	58(269)

59.1 15.0 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)
 65.6 14.1 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)
 72.2 13.4 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)
 78.7 13.0 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)

 HA= 40.7 HI= 55.8 GGW= 35.9 SL= 0.0 MAX(A,B,C,D)= 7.3 6.4 6.9 6.9

Main boom and fixed jib (jib angle 20.0 degrees)
 Length of main boom = 54.5 ft Length of jib = 55.8 ft
 Main boom sequence = 0-0-0-0-0-45 % LK = 7
 Counterweight = 35.9 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.			
	1(0)				2(...)							
	3(90)				4(...)							
	A	B	C	D	A	B	C	D	A	B	C	D
32.8 20.5	47	47	47	47	47	46	48	46(59)	47	45	48	47
	47	45	48	47(127)	46	46	48	48	45	47	47	48(232)
39.4 19.0	49	49	43	43	53	43	49	41(59)	52	40	51	43
	48	39	53	46(128)	42	42	50	50	39	48	46	53(232)
45.9 17.6	52	52	40	40	58	40	50	37(59)	56	35	55	39
	56	35	55	39(90)	39	39	53	53	35	56	39	55(270)
52.5 16.5	54	54	37	37	58	49	41	35(17)	60	30	58	35
	60	30	58	35(90)	36	36	55	55	30	60	35	58(269)
59.1 15.4	56	56	35	35	63	46	43	30(27)	64	26	61	32
	62	24	62	34(99)	34	34	57	57	24	62	34	62(260)
65.6 14.8	58	58	32	32	69	43	45	24(34)	68	21	64	28
	63	19	67	32(105)	31	31	60	60	18	63	33	67(254)
72.2 13.9	60	60	30	30	74	41	45	21(37)	71	17	67	25
	65	14	71	31(108)	28	28	62	62	13	65	32	71(251)
78.7 13.2	63	63	27	27	78	40	46	17(38)	75	13	69	22
	69	9	74	28(106)	26	26	64	64	9	69	28	74(253)
85.3 11.7	63	63	26	26	79	38	46	15(39)	76	11	70	21
	69	7	75	27(107)	24	24	65	65	7	69	28	75(252)
91.9 9.9	63	63	25	25	79	38	46	14(39)	76	10	70	20
	69	6	75	27(107)	24	24	65	65	6	69	27	75(252)

 HA= 54.5 HI= 55.8 GGW= 35.9 SL= 0.0 MAX(A,B,C,D)= 7.4 6.4 7.0 7.0

Main boom and fixed jib (jib angle 20.0 degrees)
 Length of main boom = 68.6 ft Length of jib = 55.8 ft
 Main boom sequence = 0-0-0-0-0-90 % LK = 13
 Counterweight = 35.9 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.			
	1(0)				2(...)							
	3(90)				4(...)							
	A	B	C	D	A	B	C	D	A	B	C	D
39.4 18.7	49	49	44	44	52	43	49	42(59)	51	40	51	43
	48	39	52	46(128)	43	43	50	50	39	48	46	52(232)

45.9	17.6	52	52	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)
52.5	16.5	54	54	38	38	57	49	41	35(16)	60	31	58	35
		60	31	58	35(90)	37	37	55	55	31	60	35	58(270)
59.1	15.4	56	56	35	35	63	47	43	30(26)	63	26	60	32
		62	25	62	34(98)	34	34	57	57	25	61	34	62(261)
65.6	14.3	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)
72.2	13.2	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)
78.7	12.1	60	60	29	29	73	41	44	20(35)	71	16	67	24
		65	13	71	31(108)	27	27	62	62	12	65	31	71(251)
85.3	11.2	62	62	27	27	76	40	45	17(37)	74	13	69	22
		68	9	72	28(105)	26	26	63	63	9	68	28	73(254)
91.9	10.4	63	63	26	26	79	38	46	14(39)	76	10	70	20
		69	6	75	27(107)	24	24	65	65	6	69	27	75(252)
98.4	8.8	63	63	25	25	79	37	45	13(39)	76	10	70	19
		69	5	75	26(107)	23	23	65	65	5	68	27	75(252)
105.0	7.7	63	63	24	24	80	37	45	12(39)	77	8	71	18
		69	4	76	25(107)	22	22	65	65	4	69	26	76(252)
111.5	6.6	63	63	23	23	81	36	45	11(40)	78	7	71	17
		69	2	76	25(108)	21	21	65	65	2	69	26	77(251)

 HA= 68.6 HI= 55.8 GGW= 35.9 SL= 0.0 MAX(A,B,C,D)= 7.5 6.4 7.1 7.1

Main boom and fixed jib (jib angle 20.0 degrees)

Length of main boom = 70.2 ft Length of jib = 55.8 ft

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

Counterweight = 35.9 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.			
		1(0)		2(...)		3(90)		6(...)					
		4(...)		5(180)		6(...)							
		A	B	C	D	A	B	C	D				
39.4	18.7	49	49	44	44	52	43	49	42(59)	51	40	51	43
		48	39	52	46(128)	43	43	50	50	39	48	46	52(232)
45.9	16.8	50	50	41	41	56	40	50	38(59)	54	36	53	40
		49	35	55	44(128)	40	40	52	52	35	49	44	55(232)
52.5	15.2	52	52	39	39	53	51	40	38(6)	57	32	56	37
		57	32	56	37(90)	37	37	54	54	32	57	37	56(270)
59.1	13.7	53	53	37	37	58	48	41	34(18)	60	29	57	34
		59	29	58	34(91)	35	35	55	55	29	59	35	58(268)
65.6	12.6	55	55	35	35	62	46	42	30(26)	62	26	60	32
		61	24	61	33(98)	33	33	56	56	24	60	34	61(261)
72.2	11.5	56	56	33	33	65	44	43	26(31)	65	23	61	29
		62	21	63	32(102)	31	31	58	58	20	61	33	64(257)
78.7	10.6	58	58	31	31	69	42	44	23(34)	67	20	63	27
		63	17	66	31(105)	29	29	59	59	17	62	32	67(254)
85.3	9.7	59	59	29	29	71	40	45	20(37)	69	17	65	25
		64	13	69	30(107)	28	28	61	61	13	63	31	69(252)
91.9	9.0	60	60	28	28	74	40	44	18(36)	72	14	67	23
		65	10	71	30(109)	26	26	62	62	10	64	30	72(250)
98.4	8.6	62	62	25	25	78	38	45	14(38)	75	10	69	20
		69	6	74	26(106)	24	24	64	64	6	68	27	74(253)

105.0 7.7 63 63 24 24 80 37 45 12(39) 77 8 71 19
 69 4 75 26(107) 22 22 65 65 4 69 26 76(252)
 111.5 6.6 63 63 23 23 81 36 45 11(40) 77 7 71 18
 69 2 76 25(108) 21 21 65 65 2 69 26 76(251)

 HA= 70.2 HI= 55.8 GGW= 35.9 SL= 0.0 MAX(A,B,C,D)= 7.5 6.4 7.1 7.1

Main boom and fixed jib (jib angle 20.0 degrees)
 Length of main boom = 82.3 ft Length of jib = 55.8 ft
 Main boom sequence = 0-0-0-0-45-90 % LK = 20
 Counterweight = 35.9 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.			
		1(0)		2(...)		3(90)		6(...)					
		A	B	C	D	A	B	C	D				
39.4	18.7	49	49	44	44	52	43	49	41(59)	51	40	51	43
		48	39	52	46(128)	42	42	50	50	39	48	46	52(232)
45.9	17.6	52	52	41	41	58	40	50	37(59)	56	35	55	39
		56	35	55	39(90)	39	39	53	53	35	56	39	55(270)
52.5	16.8	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)
59.1	15.7	56	56	35	35	64	46	43	30(27)	64	26	61	32
		62	24	62	34(99)	34	34	58	58	24	62	34	63(260)
65.6	14.8	58	58	32	32	69	44	44	25(33)	68	22	64	28
		64	19	66	32(104)	31	31	60	60	19	63	33	67(255)
72.2	13.9	60	60	30	30	73	41	45	21(37)	71	18	66	26
		65	14	70	32(108)	28	28	62	62	14	64	32	70(251)
78.7	13.0	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)
85.3	11.9	63	63	26	26	79	39	45	15(38)	76	11	70	21
		70	7	75	27(106)	24	24	65	65	7	69	28	75(253)
91.9	10.4	63	63	25	25	80	38	46	14(39)	77	10	70	20
		69	6	75	27(107)	24	24	65	65	6	69	27	75(252)
98.4	8.8	63	63	25	25	79	37	45	13(39)	76	9	70	19
		69	5	75	26(107)	23	23	65	65	5	69	27	75(252)
105.0	7.7	63	63	24	24	80	37	45	12(39)	77	8	71	18
		69	4	76	25(107)	22	22	65	65	4	69	26	76(252)
111.5	6.6	63	63	23	23	81	36	45	11(40)	77	7	71	18
		69	2	76	25(108)	21	21	65	65	2	69	26	76(251)
118.1	5.5	63	63	23	23	81	35	45	11(40)	77	7	71	17
		69	2	76	25(108)	21	21	65	65	2	69	25	76(251)
124.7	4.6	63	63	22	22	81	35	45	10(40)	78	6	71	16
		69	1	77	24(108)	20	20	65	65	0	69	25	77(251)

 HA= 82.3 HI= 55.8 GGW= 35.9 SL= 0.0 MAX(A,B,C,D)= 7.6 6.4 7.1 7.1

Main boom and fixed jib (jib angle 20.0 degrees)
 Length of main boom = 84.0 ft Length of jib = 55.8 ft
 Main boom sequence = 0-0-0-0-45-100 % LK = 21
 Counterweight = 35.9 kip

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

	4(...)				5(180)				6(...)					
	A	B	C	D	A	B	C	D	A	B	C	D		
39.4	18.7	49	49	44	44	52	43	49	42	(59)	51	40	51	43
	48	39	52	46	(128)	42	42	50	50	39	48	46	52	(232)
45.9	17.2	51	51	41	41	57	40	50	37	(59)	55	35	54	39
	55	35	54	39	(90)	39	39	52	52	35	55	39	54	(270)
52.5	15.7	53	53	38	38	55	50	40	37	(11)	58	32	56	36
	58	32	56	36	(90)	37	37	54	54	32	58	36	56	(270)
59.1	14.3	54	54	36	36	60	47	41	32	(22)	61	28	59	33
	60	27	59	34	(94)	35	35	56	56	27	60	34	60	(265)
65.6	13.2	56	56	34	34	64	45	43	28	(29)	64	24	61	31
	62	22	63	33	(100)	32	32	58	58	22	62	33	63	(259)
72.2	12.1	57	57	32	32	68	43	44	25	(33)	67	21	63	28
	63	19	66	32	(104)	30	30	59	59	18	62	32	66	(255)
78.7	11.5	59	59	30	30	72	40	45	21	(37)	70	17	65	25
	64	14	69	31	(107)	28	28	61	61	14	64	31	69	(252)
85.3	10.6	61	61	28	28	74	40	44	18	(36)	72	15	67	23
	65	11	72	30	(109)	26	26	62	62	10	65	30	72	(250)
91.9	9.9	62	62	26	26	78	39	45	15	(38)	75	11	69	21
	69	7	74	27	(106)	24	24	64	64	7	68	27	74	(253)
98.4	8.8	63	63	25	25	79	37	45	13	(39)	76	10	70	19
	69	5	75	26	(107)	23	23	65	65	5	68	27	75	(252)
105.0	7.7	63	63	24	24	80	37	45	12	(39)	77	8	71	19
	69	4	75	26	(107)	22	22	65	65	4	69	26	76	(252)
111.5	6.6	63	63	24	24	80	36	45	11	(40)	77	7	71	18
	69	3	76	25	(108)	22	22	65	65	3	68	26	76	(251)
118.1	5.7	63	63	23	23	81	35	45	10	(40)	78	6	71	17
	69	1	77	25	(108)	21	21	65	65	1	69	25	77	(251)
124.7	4.9	63	63	22	22	82	35	45	9	(40)	78	5	72	16
	70	0	77	24	(108)	20	20	66	66	0	69	24	77	(251)

HA= 84.0 HI= 55.8 GGW= 35.9 SL= 0.0 MAX(A,B,C,D)= 7.6 6.4 7.2 7.2

Main boom and fixed jib (jib angle 20.0 degrees)
Length of main boom = 96.5 ft Length of jib = 55.8 ft
Main boom sequence = 0-0-0-0-90-90 % LK = 28
Counterweight = 35.9 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.					
	1(0)		2(...)		3(90)		4(90)							
	4(...)				5(180)				6(...)					
	A	B	C	D	A	B	C	D	A	B	C	D		
45.9	17.4	52	52	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)
52.5	16.8	54	54	37	37	59	49	42	34	(19)	61	30	58	35
	60	30	58	35	(91)	36	36	56	56	30	60	35	58	(268)
59.1	15.9	57	57	35	35	65	46	43	29	(29)	65	25	61	31
	62	24	63	34	(100)	33	33	58	58	23	62	34	63	(259)
65.6	15.0	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)
72.2	14.1	61	61	30	30	74	40	46	20	(38)	72	17	67	25
	65	13	71	31	(108)	28	28	62	62	13	65	32	71	(251)
78.7	13.4	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)

85.3	11.9	63	63	26	26	80	38	46	15(39)	77	11	70	21
		69	7	75	27(107)	24	24	65	65	7	69	28	75(252)
91.9	10.1	63	63	26	26	79	38	46	14(39)	76	10	70	20
		69	6	75	27(107)	24	24	65	65	6	69	27	75(252)
98.4	8.8	63	63	25	25	80	37	45	13(39)	77	9	71	19
		69	5	75	26(107)	23	23	65	65	5	69	26	75(252)
105.0	7.5	63	63	24	24	80	37	45	13(39)	77	9	70	19
		69	4	75	26(107)	22	22	65	65	4	69	26	75(252)
111.5	6.4	63	63	24	24	80	36	45	12(39)	77	8	71	18
		69	3	75	25(107)	22	22	65	65	3	69	26	76(252)
118.1	5.5	63	63	23	23	81	35	45	11(40)	77	7	71	17
		69	2	76	25(108)	21	21	65	65	2	69	25	77(251)
124.7	4.6	63	63	22	22	81	35	45	10(40)	78	6	71	17
		69	1	77	24(108)	20	20	65	65	1	69	25	77(251)
131.2	3.7	63	63	22	22	81	35	45	9(40)	78	5	71	16
		69	0	77	24(108)	20	20	65	65	0	69	24	77(251)
137.8	3.1	63	63	21	21	82	34	45	8(41)	79	4	72	15
		68	0	79	22(109)	19	19	66	66	0	67	23	79(250)

HA= 96.5 HI= 55.8 GGW= 35.9 SL= 0.0 MAX(A,B,C,D)= 7.7 6.4 7.3 7.4

Main boom and fixed jib (jib angle 20.0 degrees)

Length of main boom = 100.4 ft Length of jib = 55.8 ft

Main boom sequence = 0-0-0-0-100-100 % LK = 29

Counterweight = 35.9 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
	1(0)		2(...)		3(90)		6(...)						
	A	B	C	D	A	B	C	D					
45.9	17.2	51	51	41	41	57	40	50	37(59)	55	35	54	39
		55	35	54	39(90)	39	39	52	52	35	55	39	54(270)
52.5	15.9	53	53	38	38	56	50	41	36(14)	59	31	57	36
		59	31	57	36(90)	37	37	55	55	31	59	36	57(270)
59.1	14.8	55	55	35	35	62	47	42	31(25)	62	27	60	33
		61	26	61	34(97)	34	34	57	57	26	61	34	61(262)
65.6	13.7	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)
72.2	12.8	59	59	31	31	70	42	44	23(35)	69	19	64	27
		64	16	68	32(106)	30	30	60	60	16	63	32	68(253)
78.7	11.9	60	60	29	29	73	41	44	20(35)	71	16	67	24
		65	12	71	30(108)	27	27	62	62	12	65	31	71(251)
85.3	11.2	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)
91.9	10.1	63	63	26	26	79	38	46	14(39)	76	10	70	20
		69	6	75	27(107)	24	24	65	65	6	69	27	75(252)
98.4	8.8	63	63	25	25	80	37	45	13(39)	77	9	70	19
		69	5	75	26(107)	23	23	65	65	5	69	27	75(252)
105.0	7.5	63	63	24	24	80	37	45	13(39)	77	9	70	19
		69	4	75	26(107)	22	22	65	65	4	69	26	75(252)
111.5	6.6	63	63	23	23	81	36	45	11(40)	77	7	71	17
		69	2	76	25(108)	21	21	65	65	2	69	26	77(251)
118.1	5.5	63	63	23	23	81	35	45	11(40)	77	7	71	17
		69	2	76	25(108)	21	21	65	65	2	69	26	76(251)

124.7 4.6 63 63 22 22 81 35 45 10(40) 78 6 71 17
 69 1 76 24(108) 21 21 65 65 1 69 25 77(251)
 131.2 4.0 63 63 22 22 82 34 46 9(41) 78 5 72 16
 69 0 78 24(109) 20 20 66 66 0 68 24 78(250)
 137.8 3.1 63 63 21 21 82 34 45 8(41) 78 4 72 15
 68 0 78 23(109) 19 19 65 65 0 67 24 78(250)

 HA=100.4 HI= 55.8 GGW= 35.9 SL= 0.0 MAX(A,B,C,D)= 7.7 6.4 7.3 7.3

Main boom and fixed jib (jib angle 20.0 degrees)

Length of main boom = 110.2 ft Length of jib = 55.8 ft
 Main boom sequence = 0-0-0-45-90-90 % LK = 36
 Counterweight = 35.9 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.			
		1(0)		2(...)		3(90)		6(...)					
		4(...)		5(180)		6(...)							
		A	B	C	D	A	B	C	D	A	B	C	D
45.9	17.4	52	52	40	40	58	39	50	36(59)	56	34	55	38
		56	34	55	38(90)	39	39	53	53	34	56	38	55(270)
52.5	16.5	54	54	37	37	59	49	42	34(20)	61	30	58	35
		61	29	59	35(92)	36	36	56	56	29	60	35	59(267)
59.1	15.9	57	57	34	34	66	45	44	28(30)	65	24	62	31
		63	22	64	33(101)	33	33	59	59	22	63	34	64(258)
65.6	15.2	60	60	31	31	72	42	45	23(36)	70	20	65	27
		65	17	69	32(106)	30	30	61	61	16	64	32	69(253)
72.2	14.6	62	62	28	28	76	41	46	19(37)	74	15	69	24
		66	11	73	31(110)	27	27	63	63	11	66	31	73(249)
78.7	13.4	64	64	26	26	80	39	46	15(38)	77	12	71	21
		70	8	75	27(106)	25	25	65	65	7	70	28	75(253)
85.3	11.5	63	63	26	26	80	38	46	14(39)	77	11	70	20
		69	7	75	27(107)	24	24	65	65	6	69	28	75(252)
91.9	9.7	63	63	25	25	79	38	46	14(39)	76	10	70	20
		69	6	75	27(107)	24	24	65	65	6	69	27	75(252)
98.4	8.4	63	63	25	25	80	37	45	13(39)	77	9	70	19
		69	5	75	26(107)	23	23	65	65	4	69	26	75(252)
105.0	7.3	63	63	24	24	81	36	46	12(40)	77	8	71	18
		69	3	76	26(108)	22	22	65	65	3	69	26	76(251)
111.5	6.2	63	63	23	23	81	35	45	11(40)	77	7	71	17
		69	2	76	25(108)	21	21	65	65	2	69	26	77(251)
118.1	5.3	63	63	22	22	82	35	45	10(40)	78	6	72	16
		70	1	77	24(108)	20	20	65	65	1	69	25	77(251)
124.7	4.4	63	63	22	22	82	35	45	9(40)	78	5	72	16
		70	0	77	24(108)	20	20	66	66	0	69	24	78(251)
131.2	3.5	63	63	22	22	82	34	45	8(41)	78	4	72	15
		68	0	78	23(109)	19	19	66	66	0	68	24	79(250)
137.8	2.6	63	63	21	21	82	34	45	8(41)	78	4	72	15
		68	0	78	23(109)	19	19	65	65	0	67	23	78(250)

 HA=110.2 HI= 55.8 GGW= 35.9 SL= 0.0 MAX(A,B,C,D)= 7.6 6.5 7.3 7.3

Main boom and fixed jib (jib angle 20.0 degrees)

Length of main boom = 114.5 ft Length of jib = 55.8 ft
 Main boom sequence = 0-0-0-45-100-100 % LK = 37

Counterweight = 35.9 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
	1(0)				2(...)					3(90)			
	4(...)				5(180)					6(...)			
A	B	C	D	A	B	C	D	A	B	C	D		
52.5	16.1	54	54	37	37	58	49	41	35(17)	60	30	58	35
		60	30	58	35(90)	36	36	55	55	30	60	35	58(269)
59.1	15.0	56	56	35	35	63	46	43	30(27)	64	26	61	32
		62	24	62	34(99)	34	34	57	57	24	62	34	62(260)
65.6	13.9	58	58	32	32	68	43	44	25(33)	67	22	63	29
		63	19	66	32(104)	31	31	59	59	19	63	33	66(255)
72.2	13.2	60	60	30	30	73	41	45	21(37)	71	18	66	26
		65	14	70	31(108)	28	28	62	62	14	64	32	70(251)
78.7	12.3	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)
85.3	11.5	63	63	26	26	80	38	46	15(39)	77	11	70	20
		69	7	75	27(107)	24	24	65	65	6	69	28	75(252)
91.9	9.9	63	63	25	25	80	38	46	13(39)	77	10	71	19
		69	5	75	26(107)	23	23	65	65	5	69	27	76(252)
98.4	8.4	63	63	25	25	80	37	45	13(39)	77	9	70	19
		69	5	75	26(107)	23	23	65	65	5	69	26	75(252)
105.0	7.3	63	63	24	24	81	36	46	12(40)	77	8	71	18
		69	3	76	26(108)	22	22	65	65	3	69	26	76(251)
111.5	6.2	63	63	23	23	81	35	45	11(40)	77	7	71	17
		69	2	76	25(108)	21	21	65	65	2	69	26	77(251)
118.1	5.3	63	63	22	22	82	35	45	10(40)	78	6	71	17
		70	1	77	24(108)	21	21	65	65	1	69	25	77(251)
124.7	4.4	63	63	22	22	82	35	45	9(40)	78	5	72	16
		70	0	77	24(108)	20	20	66	66	0	69	24	77(251)
131.2	3.5	63	63	22	22	82	34	45	9(41)	78	5	72	15
		69	0	78	24(109)	19	19	65	65	0	68	24	78(250)
137.8	2.6	63	63	22	22	82	34	45	9(40)	78	4	71	15
		69	0	77	23(108)	19	19	65	65	0	68	23	78(251)

HA=114.5 HI= 55.8 GGW= 35.9 SL= 0.0 MAX(A,B,C,D)= 7.6 6.4 7.3 7.3

Main boom and fixed jib (jib angle 20.0 degrees)

Length of main boom = 124.3 ft Length of jib = 55.8 ft

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

Counterweight = 35.9 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
	1(0)				2(...)					3(90)			
	4(...)				5(180)					6(...)			
A	B	C	D	A	B	C	D	A	B	C	D		
52.5	16.3	55	55	37	37	60	48	42	33(21)	61	29	59	34
		61	29	59	35(93)	35	35	56	56	28	60	35	59(266)
59.1	15.7	57	57	34	34	66	45	43	28(30)	66	24	62	30
		63	22	64	33(102)	32	32	59	59	22	62	34	65(257)
65.6	15.0	60	60	31	31	72	42	45	22(36)	70	19	66	27
		65	16	69	32(107)	30	30	61	61	16	64	32	69(252)
72.2	14.6	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)

78.7	13.0	63	63	26	26	79	39	46	15(38)	77	12	71	21
	70	8	75	27(106)		25	25	65	65	7	70	28	75(253)
85.3	11.0	63	63	26	26	79	38	46	14(39)	76	11	70	20
	69	7	75	27(107)		24	24	65	65	6	69	28	75(252)
91.9	9.5	63	63	25	25	80	37	45	13(39)	77	10	71	19
	69	5	75	26(107)		23	23	65	65	5	69	27	75(252)
98.4	8.2	63	63	24	24	80	37	45	12(39)	77	8	71	19
	70	4	76	26(107)		22	22	65	65	4	69	26	76(252)
105.0	6.8	63	63	24	24	80	36	46	11(40)	77	8	71	18
	69	3	76	26(108)		22	22	65	65	3	69	26	76(251)
111.5	5.7	63	63	23	23	81	35	45	11(40)	77	7	71	17
	69	2	76	25(108)		21	21	65	65	2	69	26	76(251)
118.1	4.9	63	63	22	22	82	35	45	10(40)	78	6	71	16
	69	1	77	24(108)		20	20	65	65	1	69	25	77(251)
124.7	4.0	63	63	22	22	82	35	45	9(40)	78	5	72	16
	70	0	77	24(108)		20	20	65	65	0	69	24	77(251)
131.2	3.1	63	63	22	22	82	34	45	9(41)	78	4	72	15
	68	0	78	23(109)		19	19	65	65	0	68	24	78(250)
137.8	2.2	63	63	21	21	81	34	45	9(40)	78	4	71	15
	69	0	77	23(108)		19	19	65	65	0	68	23	78(251)

HA=124.3 HI= 55.8 GGW= 35.9 SL= 0.0 MAX(A,B,C,D)= 7.6 6.5 7.3 7.3

Main boom and fixed jib (jib angle 20.0 degrees)

Length of main boom = 130.9 ft Length of jib = 55.8 ft

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

Counterweight = 35.9 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.			
		1(0)		2(...)		3(90)		6(...)					
		4(...)		5(180)		6(...)							
		A	B	C	D	A	B	C	D				
52.5	15.9	54	54	37	37	59	49	41	34(19)	60	30	58	35
	60	30	58	35(91)		36	36	56	56	29	60	35	58(268)
59.1	15.0	56	56	34	34	65	45	43	28(29)	65	25	61	31
	62	23	63	33(100)		33	33	58	58	23	62	34	63(259)
65.6	14.1	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)
72.2	13.2	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)
78.7	12.6	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)
85.3	11.0	63	63	26	26	80	38	46	14(39)	77	11	70	20
	69	6	75	27(107)		24	24	65	65	6	69	28	75(252)
91.9	9.5	63	63	25	25	80	37	46	13(39)	77	9	71	19
	69	5	75	26(107)		23	23	65	65	5	69	27	76(252)
98.4	8.2	63	63	24	24	80	37	45	12(39)	77	8	71	18
	70	4	76	26(107)		22	22	65	65	4	69	26	76(252)
105.0	6.8	63	63	24	24	81	36	46	11(40)	77	7	71	18
	69	3	76	26(108)		22	22	65	65	3	69	26	76(251)
111.5	5.7	63	63	23	23	81	35	45	11(40)	77	7	71	17
	69	2	76	25(108)		21	21	65	65	2	69	26	77(251)
118.1	4.9	63	63	22	22	82	35	45	10(40)	78	6	72	16
	70	1	77	24(108)		20	20	65	65	0	69	25	77(251)

124.7 4.0 63 63 22 22 82 35 45 9(40) 78 5 72 16
 70 0 77 24(108) 20 20 66 66 0 69 24 78(251)
 131.2 3.1 63 63 22 22 82 34 45 8(41) 78 4 72 15
 68 0 78 23(109) 19 19 65 65 0 67 24 78(250)

 HA=130.9 HI= 55.8 GGW= 35.9 SL= 0.0 MAX(A,B,C,D)= 7.6 6.4 7.3 7.3

Main boom and fixed jib (jib angle 20.0 degrees)
 Length of main boom = 138.1 ft Length of jib = 55.8 ft
 Main boom sequence = 0-0-45-90-90-90 % LK = 54
 Counterweight = 35.9 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]								(Pos.[Degrees])				0-360 Degr.
		1(0)		2(...)				3(90)		6(...)				
		A	B	C	D	A	B	C	D	A	B	C	D	
59.1	15.4	58	58	33	33	67	44	44	26(32)	67	23	63	30	
		63	21	65	33(103)	32	32	59	59	21	63	33	65(256)	
65.6	15.0	61	61	30	30	74	41	46	21(37)	72	18	67	26	
		65	14	71	32(108)	29	29	62	62	14	65	32	71(251)	
72.2	14.3	63	63	27	27	79	40	46	17(38)	76	13	70	22	
		70	9	74	28(106)	26	26	65	65	9	69	29	74(253)	
78.7	12.6	64	64	26	26	80	39	46	15(39)	77	11	71	21	
		70	7	75	27(107)	24	24	65	65	6	69	28	76(252)	
85.3	10.6	63	63	25	25	80	38	46	14(39)	77	10	71	20	
		70	6	75	27(107)	24	24	65	65	6	69	27	76(252)	
91.9	9.0	63	63	24	24	80	37	45	13(39)	77	9	71	19	
		70	4	76	26(107)	23	23	65	65	4	69	26	76(252)	
98.4	7.5	63	63	24	24	80	37	45	12(39)	77	8	71	18	
		70	4	76	25(107)	22	22	65	65	3	69	26	76(252)	
105.0	6.4	63	63	23	23	81	36	45	11(40)	78	7	71	17	
		70	2	77	25(108)	21	21	65	65	2	69	26	77(251)	
111.5	5.3	63	63	22	22	82	35	45	10(40)	78	6	72	17	
		70	1	77	24(108)	21	21	65	65	1	69	25	77(251)	
118.1	4.2	63	63	22	22	82	35	45	9(40)	78	5	71	16	
		69	0	77	24(108)	20	20	65	65	0	69	25	77(251)	
124.7	3.3	63	63	22	22	82	34	45	9(41)	78	4	72	15	
		69	0	78	24(109)	19	19	65	65	0	68	24	78(250)	
131.2	2.4	63	63	21	21	82	34	45	8(41)	78	4	72	15	
		68	0	78	23(109)	19	19	65	65	0	67	23	79(250)	

 HA=138.1 HI= 55.8 GGW= 35.9 SL= 0.0 MAX(A,B,C,D)= 7.6 6.5 7.3 7.3

Main boom and fixed jib (jib angle 20.0 degrees)
 Length of main boom = 145.0 ft Length of jib = 55.8 ft
 Main boom sequence = 0-0-45-100-100-100 % LK = 55
 Counterweight = 35.9 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]								(Pos.[Degrees])				0-360 Degr.
		1(0)		2(...)				3(90)		6(...)				
		A	B	C	D	A	B	C	D	A	B	C	D	
59.1	15.0	57	57	34	34	66	45	44	27(31)	66	24	62	30	
		63	22	64	33(102)	32	32	59	59	22	62	34	65(257)	

65.6	14.3	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)
72.2	13.4	62	62	28	28	76	41	45	18(37)	74	15	68	23
		66	11	73	31(110)	27	27	63	63	10	66	31	73(249)
78.7	12.6	64	64	26	26	80	39	46	14(39)	77	11	71	20
		70	7	76	27(107)	24	24	65	65	6	69	28	76(252)
85.3	10.6	63	63	25	25	80	38	46	14(39)	77	10	71	20
		70	6	75	27(107)	24	24	65	65	6	69	27	76(252)
91.9	8.8	63	63	25	25	80	37	45	13(39)	77	9	71	19
		69	5	75	26(107)	23	23	65	65	5	69	26	75(252)
98.4	7.5	63	63	24	24	81	36	46	12(40)	77	8	71	18
		69	3	76	26(108)	22	22	65	65	3	69	26	76(251)
105.0	6.4	63	63	23	23	81	36	45	11(40)	78	7	71	17
		70	2	77	25(108)	21	21	65	65	2	69	26	77(251)
111.5	5.3	63	63	22	22	82	35	45	10(40)	78	6	72	17
		70	1	77	24(108)	21	21	66	66	1	69	25	77(251)
118.1	4.2	63	63	22	22	82	35	45	9(40)	78	5	71	16
		70	0	77	24(108)	20	20	65	65	0	69	25	77(251)
124.7	3.3	63	63	22	22	82	34	45	9(41)	78	4	72	15
		69	0	78	23(109)	19	19	66	66	0	68	24	78(250)
131.2	2.2	63	63	22	22	81	34	45	9(40)	77	5	71	16
		69	0	77	24(108)	19	19	65	65	0	68	24	77(251)

 HA=145.0 HI= 55.8 GGW= 35.9 SL= 0.0 MAX(A,B,C,D)= 7.6 6.5 7.3 7.3

Main boom and fixed jib (jib angle 20.0 degrees)

Length of main boom = 152.2 ft Length of jib = 55.8 ft

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

Counterweight = 35.9 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.			
		1(0)		2(...)		3(90)		6(...)					
		4(...)		5(180)		6(...)							
		A	B	C	D	A	B	C	D				
59.1	15.2	58	58	33	33	68	44	44	26(32)	67	22	63	29
		63	20	66	33(104)	32	32	60	60	20	63	33	66(255)
65.6	14.6	61	61	30	30	74	41	46	21(37)	72	17	67	25
		65	14	71	31(108)	28	28	62	62	14	65	32	71(251)
72.2	13.9	63	63	27	27	79	40	46	16(38)	76	13	70	22
		70	9	75	28(106)	26	26	65	65	9	69	28	75(253)
78.7	11.7	63	63	26	26	79	39	45	15(38)	76	11	70	21
		70	7	75	27(106)	24	24	65	65	7	69	27	75(253)
85.3	9.9	63	63	25	25	80	38	46	14(39)	77	10	71	20
		69	6	75	26(107)	23	23	65	65	6	69	27	75(252)
91.9	8.2	63	63	25	25	80	37	45	13(39)	77	9	70	19
		69	5	75	26(107)	23	23	65	65	5	69	26	75(252)
98.4	6.8	63	63	24	24	80	37	45	12(39)	77	8	71	18
		69	4	75	25(107)	22	22	65	65	3	69	26	76(252)
105.0	5.5	63	63	23	23	80	35	45	11(40)	77	7	71	18
		69	3	76	25(108)	21	21	65	65	2	68	26	76(251)
111.5	4.4	63	63	23	23	80	35	45	10(40)	77	6	71	17
		69	2	76	25(108)	21	21	65	65	2	68	25	76(251)
118.1	3.3	63	63	22	22	80	35	45	10(40)	77	6	71	17
		69	1	76	24(108)	20	20	65	65	1	68	25	76(251)

124.7 2.4 63 63 22 22 81 34 45 9(40) 77 5 71 16
 69 0 76 24(108) 20 20 65 65 0 68 24 76(251)

HA=152.2 HI= 55.8 GGW= 35.9 SL= 0.0 MAX(A,B,C,D)= 7.5 6.4 7.1 7.1

Main boom and fixed jib (jib angle 20.0 degrees)

Length of main boom = 161.4 ft Length of jib = 55.8 ft
 Main boom sequence = 0-0-100-100-100-100 % LK = 63
 Counterweight = 35.9 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
	1(0)				2(...)					3(90)			
	4(...)				5(180)						6(...)		
A	B	C	D	A	B	C	D	A	B	C		D	
65.6	14.1	60	60	30	30	73	41	46	21(37)	71	18	66	26
		65	14	70	32(108)	29	29	62	62	14	64	32	70(251)
72.2	13.4	63	63	27	27	78	40	46	17(38)	75	13	69	22
		69	9	74	28(106)	26	26	64	64	9	69	29	74(253)
78.7	11.2	63	63	26	26	78	39	45	16(38)	75	12	69	21
		69	8	74	27(106)	25	25	64	64	8	69	28	74(253)
85.3	9.5	63	63	26	26	78	38	45	15(38)	76	11	70	20
		69	7	74	26(106)	24	24	64	64	6	69	27	74(253)
91.9	7.9	63	63	25	25	79	37	45	13(39)	76	9	70	19
		69	5	75	26(107)	23	23	64	64	5	68	27	75(252)
98.4	6.4	62	62	24	24	79	37	45	13(39)	76	9	70	19
		69	4	75	26(107)	22	22	64	64	4	68	26	75(252)
105.0	5.3	62	62	24	24	80	36	45	12(39)	77	7	70	18
		69	3	75	25(107)	22	22	65	65	3	68	25	75(252)
111.5	4.2	62	62	23	23	80	35	45	11(40)	77	7	71	17
		69	2	76	25(108)	21	21	65	65	2	68	25	76(251)
118.1	3.1	62	62	23	23	80	35	45	10(40)	77	6	70	17
		68	2	75	25(108)	21	21	64	64	1	68	25	76(251)

HA=161.4 HI= 55.8 GGW= 35.9 SL= 0.0 MAX(A,B,C,D)= 7.4 6.4 7.0 7.0

Main boom and fixed jib (jib angle 20.0 degrees)

Length of main boom = 166.0 ft Length of jib = 55.8 ft
 Main boom sequence = 0-45-90-90-90-90 % LK = 68
 Counterweight = 35.9 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
	1(0)				2(...)					3(90)			
	4(...)				5(180)						6(...)		
A	B	C	D	A	B	C	D	A	B	C		D	
65.6	14.6	62	62	29	29	75	42	45	19(36)	73	16	68	24
		66	12	73	31(109)	28	28	63	63	12	66	31	73(250)
72.2	12.3	62	62	28	28	77	40	45	17(37)	74	14	69	22
		69	10	73	28(105)	26	26	64	64	10	68	28	73(254)
78.7	10.4	62	62	26	26	77	39	45	16(38)	75	12	69	21
		68	8	73	27(106)	25	25	64	64	8	68	28	73(253)
85.3	8.4	62	62	26	26	77	38	45	15(38)	75	11	69	21
		68	7	73	27(106)	24	24	63	63	7	68	27	73(253)
91.9	6.8	62	62	25	25	78	38	44	14(38)	75	10	69	20
		68	6	73	26(106)	23	23	64	64	6	68	26	74(253)

98.4 5.5 62 62 24 24 78 37 45 13(39) 75 9 69 19
 68 5 74 26(107) 22 22 64 64 4 67 26 74(252)
 105.0 4.2 62 62 24 24 78 36 44 12(39) 75 8 69 18
 68 4 74 25(107) 22 22 64 64 4 67 26 74(252)
 111.5 3.1 62 62 23 23 78 36 44 12(39) 75 7 69 18
 68 3 74 25(107) 21 21 64 64 3 67 25 75(252)

 HA=166.0 HI= 55.8 GGW= 35.9 SL= 0.0 MAX(A,B,C,D)= 7.3 6.3 6.9 6.9

Main boom and fixed jib (jib angle 20.0 degrees)
 Length of main boom = 175.5 ft Length of jib = 55.8 ft
 Main boom sequence = 0-45-100-100-100-100 % LK = 69
 Counterweight = 35.9 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.			
		1(0)		2(...)		3(90)		6(...)					
		4(...)		5(180)		6(...)							
		A	B	C	D	A	B	C	D	A	B	C	D
72.2	12.1	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)
78.7	9.9	62	62	27	27	76	39	45	17(37)	74	13	68	22
		68	9	72	27(105)	25	25	63	63	9	68	28	72(254)
85.3	8.2	62	62	26	26	77	38	45	15(38)	74	11	69	21
		68	8	73	27(106)	24	24	63	63	7	67	27	73(253)
91.9	6.6	62	62	25	25	77	38	44	14(38)	74	10	69	20
		68	6	73	26(106)	23	23	63	63	6	67	27	73(253)
98.4	5.3	62	62	25	25	78	37	45	13(39)	75	9	69	19
		68	5	74	26(107)	22	22	63	63	5	67	26	74(252)
105.0	4.0	61	61	24	24	78	36	44	13(39)	75	9	69	19
		67	4	74	26(107)	22	22	63	63	4	67	26	74(252)
111.5	2.9	61	61	24	24	78	36	44	12(39)	75	8	69	18
		67	4	74	25(107)	21	21	63	63	3	67	25	74(252)

 HA=175.5 HI= 55.8 GGW= 35.9 SL= 0.0 MAX(A,B,C,D)= 7.2 6.3 6.8 6.9

Main boom and fixed jib (jib angle 20.0 degrees)
 Length of main boom = 180.1 ft Length of jib = 55.8 ft
 Main boom sequence = 0-90-90-90-90-90 % LK = 73
 Counterweight = 35.9 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.			
		1(0)		2(...)		3(90)		6(...)					
		4(...)		5(180)		6(...)							
		A	B	C	D	A	B	C	D	A	B	C	D
72.2	11.0	61	61	28	28	75	41	44	18(36)	73	15	67	23
		65	11	72	30(109)	26	26	63	63	10	65	30	72(250)
78.7	9.0	61	61	27	27	75	39	44	17(37)	73	13	68	22
		67	9	72	27(105)	25	25	63	63	9	67	28	72(254)
85.3	7.3	61	61	26	26	76	39	44	16(37)	73	12	68	21
		68	8	72	26(105)	24	24	63	63	8	67	27	72(254)
91.9	5.5	60	60	26	26	76	37	44	15(38)	73	11	68	21
		67	7	72	26(106)	24	24	63	63	7	66	27	72(253)
98.4	4.2	61	61	25	25	76	37	44	14(38)	73	10	68	20
		67	6	72	26(106)	23	23	63	63	6	66	26	72(253)

105.0 3.1 61 61 24 24 77 37 44 13(38) 74 9 68 19
67 5 73 25(106) 22 22 63 63 5 67 26 73(253)

HA=180.1 HI= 55.8 GGW= 35.9 SL= 0.0 MAX(A,B,C,D)= 7.1 6.2 6.8 6.8

Main boom and fixed jib (jib angle 20.0 degrees)

Length of main boom = 191.9 ft Length of jib = 55.8 ft
Main boom sequence = 0-100-100-100-100-100 % LK = 74
Counterweight = 35.9 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
	1(0)				2(...)					3(90)			
	4(...)				5(180)					6(...)			
A	B	C	D	A	B	C	D	A	B	C	D		
72.2	10.4	60	60	28	28	73	41	44	19(36)	71	15	67	24
		65	12	71	30(109)	27	27	62	62	11	64	31	71(250)
78.7	8.4	60	60	28	28	74	40	44	18(36)	72	14	67	23
		65	10	71	30(109)	26	26	62	62	10	64	30	71(250)
85.3	6.6	60	60	27	27	74	39	44	17(37)	72	13	67	22
		66	9	71	27(105)	25	25	62	62	9	66	28	71(254)
91.9	5.1	60	60	26	26	75	38	44	16(37)	72	12	67	21
		67	8	71	26(105)	24	24	62	62	8	66	27	71(254)
98.4	3.7	60	60	25	25	75	38	43	15(37)	73	11	67	20
		67	7	71	26(105)	23	23	62	62	7	66	26	71(254)
105.0	2.6	60	60	25	25	76	37	43	14(38)	73	10	68	19
		67	6	72	26(106)	22	22	62	62	6	66	26	72(253)

HA=191.9 HI= 55.8 GGW= 35.9 SL= 0.0 MAX(A,B,C,D)= 7.0 6.1 6.7 6.7

Main boom and fixed jib (jib angle 20.0 degrees)

Length of main boom = 193.9 ft Length of jib = 55.8 ft
Main boom sequence = 45-90-90-90-90-90 % LK = 76
Counterweight = 35.9 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
	1(0)				2(...)					3(90)			
	4(...)				5(180)					6(...)			
A	B	C	D	A	B	C	D	A	B	C	D		
72.2	9.3	60	60	29	29	72	41	44	20(35)	71	16	66	24
		64	12	70	30(108)	27	27	61	61	12	64	30	70(251)
78.7	7.3	60	60	28	28	73	40	44	18(36)	71	14	66	23
		64	10	70	30(109)	26	26	61	61	10	63	30	71(250)
85.3	5.5	59	59	27	27	73	39	43	17(36)	71	13	66	22
		66	10	70	27(104)	25	25	61	61	10	66	27	70(255)
91.9	4.2	60	60	26	26	74	38	43	16(37)	72	11	67	21
		66	8	71	26(105)	24	24	62	62	8	66	27	71(254)
98.4	2.6	59	59	26	26	74	37	43	15(37)	71	11	67	21
		66	7	70	26(105)	23	23	62	62	7	65	26	71(254)

HA=193.9 HI= 55.8 GGW= 35.9 SL= 0.0 MAX(A,B,C,D)= 6.9 6.1 6.6 6.6

HA=193.9 HI= 55.8 GGW= 35.9 SL= 0.0 MAX(A,B,C,D)= 0.0 0.0 0.0 0.0

HA=193.9 HI= 55.8 GGW= 35.9 SL= 0.0 MAX(A,B,C,D)= 0.0 0.0 0.0 0.0

HA=193.9 HI= 55.8 GGW= 35.9 SL= 0.0 MAX(A,B,C,D)= 0.0 0.0 0.0 0.0

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

14.10.2003, 15:37:22

Eingabedatei: ilam.dat

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

Tabellendat.: /berechnung/tabellen/ac/ac200-1/serie_3/pc_tab/22137312_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 = 55.8 ft

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

Counterweight = 35.9 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
	1(0)		2(...)		3(90)		6(...)						
	A	B	C	D	A	B	C	D	A	B	C	D	
45.9	15.2	46	46	45	45	47	43	47	44(59)	47	42	48	44
		46	42	49	46(128)	43	43	48	48	42	46	46	49(232)
52.5	14.3	49	49	42	42	53	41	48	39(59)	52	37	51	41
		47	36	53	44(128)	40	40	50	50	36	47	44	53(232)
59.1	13.7	51	51	39	39	52	51	39	38(3)	56	32	55	37
		56	32	55	37(90)	37	37	53	53	32	56	37	55(270)
65.6	13.2	54	54	35	35	60	47	42	31(24)	61	27	59	33
		60	26	60	34(96)	34	34	56	56	26	60	34	60(263)
72.2	13.0	58	58	32	32	68	43	44	25(33)	67	21	63	28
		63	18	66	32(104)	30	30	59	59	18	63	32	66(255)

HA= 40.7 HI= 55.8 GGW= 35.9 SL= 0.0 MAX(A,B,C,D)= 6.3 5.8 6.1 6.1

Main boom and fixed jib (jib angle 40.0 degrees)

Length of main boom = 54.5 ft Length of jib = 55.8 ft

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

Counterweight = 35.9 kip

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

45.9	15.2	46	46	45	45	47	44	47	44(59)	47	43	48	45
		46	42	48	46(128)	43	43	47	47	42	46	46	48(232)
52.5	14.6	49	49	42	42	52	41	48	39(59)	51	38	51	41
		47	37	53	44(128)	40	40	50	50	37	47	44	53(232)
59.1	13.9	51	51	39	39	51	51	39	39(0)	56	33	55	37
		56	33	55	37(90)	37	37	53	53	33	56	37	55(270)
65.6	13.4	54	54	36	36	60	47	41	32(22)	61	28	58	33
		60	27	59	34(94)	34	34	56	56	27	60	34	59(265)
72.2	13.0	57	57	33	33	66	44	43	26(31)	65	23	62	29
		62	21	64	32(102)	31	31	58	58	21	62	33	64(257)
78.7	12.8	60	60	30	30	73	41	45	21(37)	71	17	66	25
		65	14	70	31(108)	28	28	62	62	13	64	32	70(251)
85.3	12.3	63	63	27	27	78	39	45	16(38)	76	12	70	21
		69	8	74	28(106)	25	25	64	64	8	69	28	74(253)

HA= 54.5 HI= 55.8 GGW= 35.9 SL= 0.0 MAX(A,B,C,D)= 7.3 6.4 6.9 6.9

Main boom and fixed jib (jib angle 40.0 degrees)

Length of main boom = 68.6 ft Length of jib = 55.8 ft

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

Counterweight = 35.9 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.			
		1(0)		2(...)		3(90)		6(...)					
		4(...)		5(180)		6(...)							
		A	B	C	D	A	B	C	D	A	B	C	D
52.5	14.6	49	49	42	42	52	41	48	40(59)	51	38	51	41
		47	37	52	45(128)	41	41	50	50	37	47	45	52(232)
59.1	13.9	51	51	39	39	57	38	50	35(59)	55	33	54	37
		55	33	54	37(90)	38	38	52	52	33	55	37	54(270)
65.6	13.2	53	53	37	37	58	48	41	33(19)	60	29	58	34
		59	29	58	34(91)	35	35	55	55	28	59	34	58(268)
72.2	12.3	55	55	34	34	63	45	42	29(27)	63	25	60	31
		61	23	62	33(99)	33	33	57	57	23	61	33	62(260)
78.7	11.7	57	57	32	32	68	43	43	24(33)	67	21	63	28
		63	18	65	32(104)	30	30	59	59	18	62	32	66(255)
85.3	11.0	59	59	29	29	72	40	45	21(37)	70	17	65	25
		64	13	69	31(108)	28	28	61	61	13	63	31	69(251)
91.9	10.4	61	61	27	27	76	39	45	17(37)	73	13	68	22
		68	9	72	28(105)	25	25	63	63	9	67	28	72(254)
98.4	9.5	63	63	25	25	79	37	45	14(39)	76	10	70	20
		69	6	75	26(107)	23	23	65	65	6	68	27	75(252)

HA= 68.6 HI= 55.8 GGW= 35.9 SL= 0.0 MAX(A,B,C,D)= 7.4 6.3 6.9 7.0

Main boom and fixed jib (jib angle 40.0 degrees)

Length of main boom = 70.2 ft Length of jib = 55.8 ft

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

Counterweight = 35.9 kip

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

52.5	13.9	48	48	43	43	51	41	48	41(59)	50	39	50	42
		47	38	51	45(128)	41	41	49	49	38	47	45	51(232)
59.1	12.8	49	49	40	40	55	39	49	37(59)	53	35	52	39
		48	34	54	43(128)	39	39	51	51	34	48	43	54(232)
65.6	11.9	51	51	38	38	53	50	39	37(7)	56	31	55	36
		56	31	55	36(90)	36	36	53	53	31	56	36	55(270)
72.2	11.0	53	53	36	36	58	47	41	32(21)	60	28	58	33
		59	27	58	34(93)	34	34	55	55	27	59	34	58(266)
78.7	10.1	55	55	34	34	62	45	41	28(27)	62	24	60	30
		60	23	61	32(99)	32	32	56	56	22	60	33	61(260)
85.3	9.5	56	56	32	32	67	42	43	24(33)	65	21	62	28
		62	18	65	32(104)	30	30	58	58	18	61	32	65(255)
91.9	9.0	59	59	29	29	71	40	44	20(37)	69	17	65	25
		63	13	69	30(107)	27	27	60	60	13	63	31	69(252)
98.4	8.6	61	61	27	27	75	39	44	17(37)	73	13	68	22
		67	9	71	27(105)	25	25	63	63	9	67	28	72(254)

HA= 70.2 HI= 55.8 GGW= 35.9 SL= 0.0 MAX(A,B,C,D)= 7.0 6.2 6.6 6.7

Main boom and fixed jib (jib angle 40.0 degrees)

Length of main boom = 82.3 ft Length of jib = 55.8 ft
 Main boom sequence = 0-0-0-0-45-90 % LK = 20
 Counterweight = 35.9 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
	1(0)				2(...)								
	3(90)				4(...)								
	A	B	C	D	A	B	C	D	A	B	C	D	
52.5	14.6	49	49	42	42	52	41	48	40(59)	51	38	51	41
		47	37	52	45(128)	41	41	50	50	37	47	45	52(232)
59.1	14.1	51	51	39	39	51	51	39	39(0)	56	33	55	37
		56	33	55	37(90)	37	37	53	53	33	56	37	55(270)
65.6	13.4	54	54	36	36	59	48	41	33(20)	60	28	58	34
		60	28	58	34(93)	35	35	55	55	28	60	34	58(266)
72.2	12.8	56	56	34	34	64	45	43	28(29)	64	24	61	30
		62	22	63	33(101)	32	32	58	58	22	61	33	63(258)
78.7	12.1	58	58	31	31	69	42	44	24(34)	68	20	64	27
		63	17	67	32(105)	30	30	60	60	17	63	32	67(254)
85.3	11.5	60	60	29	29	73	41	44	20(35)	71	16	66	24
		65	12	70	30(108)	27	27	62	62	12	64	31	71(251)
91.9	10.8	62	62	27	27	77	39	45	16(38)	75	12	69	22
		68	9	73	28(106)	25	25	64	64	8	68	28	73(253)
98.4	9.5	62	62	26	26	78	38	45	15(38)	76	11	70	20
		69	7	74	26(106)	24	24	64	64	6	69	27	74(253)
105.0	8.2	63	63	25	25	79	37	45	13(39)	76	9	70	19
		69	5	75	26(107)	23	23	64	64	5	68	26	75(252)
111.5	6.8	63	63	24	24	79	37	45	12(39)	76	8	70	18
		69	4	75	25(107)	22	22	65	65	4	68	26	75(252)

HA= 82.3 HI= 55.8 GGW= 35.9 SL= 0.0 MAX(A,B,C,D)= 7.4 6.4 7.0 7.0

Main boom and fixed jib (jib angle 40.0 degrees)

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

Counterweight = 35.9 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	13.2	50	50	40	40	56	39	49	36	(59)	54	34	53	38	
		54	34	53	38	(90)	38	38	52	52		34	54	38	53
65.6	12.1	52	52	38	38	54	49	39	36	(10)	57	31	56	35	
		57	31	56	35	(90)	36	36	53	53		31	57	35	56
72.2	11.5	54	54	35	35	60	46	41	31	(23)	61	27	58	32	
		60	26	59	33	(95)	34	34	56	56		26	60	34	59
78.7	10.6	55	55	33	33	64	44	42	27	(29)	63	23	60	30	
		61	21	62	32	(101)	32	32	57	57		21	61	33	63
85.3	10.1	58	58	31	31	69	42	43	23	(34)	67	19	63	27	
		63	16	66	31	(105)	29	29	59	59		16	62	31	67
91.9	9.5	59	59	29	29	72	41	43	20	(35)	70	16	66	24	
		64	12	70	30	(108)	27	27	61	61		12	63	31	70
98.4	9.0	61	61	26	26	77	38	45	16	(38)	74	12	68	21	
		68	8	73	27	(106)	24	24	63	63		8	67	28	73
105.0	8.2	62	62	25	25	79	37	45	13	(39)	76	9	70	19	
		69	5	75	26	(107)	23	23	64	64		5	68	27	75
111.5	7.1	63	63	24	24	80	37	45	12	(39)	77	8	71	18	
		69	4	75	25	(107)	22	22	65	65		3	69	26	76

HA= 84.0 HI= 55.8 GGW= 35.9 SL= 0.0 MAX(A,B,C,D)= 7.4 6.4 7.0 7.0

Main boom and fixed jib (jib angle 40.0 degrees)

Length of main boom = 96.5 ft Length of jib = 55.8 ft

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

Counterweight = 35.9 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	13.9	51	51	39	39	58	38	50	35	(59)	56	33	54	37	
		56	33	54	37	(90)	38	38	53	53		33	56	37	54
65.6	13.4	54	54	36	36	59	47	41	33	(21)	60	28	58	34	
		60	28	58	34	(93)	35	35	55	55		28	60	34	59
72.2	13.0	56	56	34	34	65	45	43	27	(30)	65	24	61	30	
		62	22	63	33	(101)	32	32	58	58		21	62	33	63
78.7	12.3	58	58	31	31	70	42	44	23	(35)	68	19	64	27	
		63	16	67	32	(106)	29	29	60	60		16	63	32	68
85.3	11.7	60	60	29	29	74	41	45	19	(36)	72	16	67	24	
		65	12	71	31	(109)	27	27	62	62		11	64	31	71
91.9	11.2	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
98.4	9.5	62	62	26	26	78	38	45	15	(38)	75	11	69	20	
		69	7	74	27	(106)	24	24	64	64		7	68	27	74
105.0	8.2	62	62	25	25	79	37	45	13	(39)	76	10	70	19	
		69	6	75	26	(107)	23	23	64	64		5	68	27	75
111.5	7.1	63	63	24	24	80	37	45	12	(39)	77	8	70	19	
		69	4	75	26	(107)	22	22	65	65		4	69	26	75

118.1 6.0 63 63 23 23 80 35 45 11(40) 77 7 71 18
 69 3 76 25(108) 21 21 65 65 2 68 26 76(251)

HA= 96.5 HI= 55.8 GGW= 35.9 SL= 0.0 MAX(A,B,C,D)= 7.5 6.4 7.0 7.1

Main boom and fixed jib (jib angle 40.0 degrees)
 Length of main boom = 100.4 ft Length of jib = 55.8 ft
 Main boom sequence = 0-0-0-0-100-100 % LK = 29
 Counterweight = 35.9 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
	1(0)				2(...)								
	3(90)				4(...)								
	A	B	C	D	A	B	C	D	A	B	C	D	
59.1	13.2	50	50	40	40	56	39	49	36(59)	54	34	53	38
		54	34	53	38(90)	38	38	52	52	34	54	38	53(270)
65.6	12.3	52	52	37	37	55	49	40	35(13)	58	30	56	35
		58	30	56	35(90)	36	36	54	54	30	58	35	56(270)
72.2	11.7	54	54	35	35	61	46	42	30(25)	61	26	59	32
		60	25	60	33(97)	33	33	56	56	25	60	34	60(262)
78.7	11.0	56	56	33	33	65	43	43	26(31)	65	22	62	29
		62	20	64	32(102)	31	31	58	58	20	62	32	64(257)
85.3	10.4	58	58	30	30	69	41	44	22(35)	68	19	64	26
		63	16	67	31(106)	29	29	60	60	15	63	32	67(253)
91.9	9.9	60	60	28	28	74	40	44	19(36)	72	15	67	23
		65	11	71	30(109)	26	26	62	62	11	64	30	71(250)
98.4	9.5	62	62	26	26	78	38	45	15(38)	75	11	69	21
		69	7	74	27(106)	24	24	64	64	7	68	27	74(253)
105.0	8.4	63	63	25	25	79	37	45	13(39)	76	9	70	19
		69	5	75	26(107)	23	23	65	65	5	69	26	75(252)
111.5	7.1	63	63	24	24	79	37	45	13(39)	76	9	70	19
		69	4	75	26(107)	22	22	65	65	4	68	26	75(252)
118.1	6.0	63	63	24	24	80	36	45	12(39)	77	8	70	18
		69	3	75	25(107)	22	22	65	65	3	69	26	75(252)
124.7	5.1	63	63	23	23	81	35	45	10(40)	78	6	71	17
		69	1	76	25(108)	21	21	65	65	1	69	25	77(251)

HA=100.4 HI= 55.8 GGW= 35.9 SL= 0.0 MAX(A,B,C,D)= 7.5 6.4 7.1 7.1

Main boom and fixed jib (jib angle 40.0 degrees)
 Length of main boom = 110.2 ft Length of jib = 55.8 ft
 Main boom sequence = 0-0-0-45-90-90 % LK = 36
 Counterweight = 35.9 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
	1(0)				2(...)								
	3(90)				4(...)								
	A	B	C	D	A	B	C	D	A	B	C	D	
65.6	13.4	54	54	36	36	60	47	41	32(22)	61	28	58	33
		60	27	59	34(94)	34	34	56	56	27	60	34	59(265)
72.2	13.0	57	57	33	33	66	44	43	26(31)	65	23	62	30
		62	21	64	32(102)	32	32	58	58	21	62	33	64(257)
78.7	12.6	59	59	30	30	72	41	45	22(36)	70	18	65	26
		64	15	69	31(107)	29	29	61	61	15	64	32	69(252)

85.3	12.1	62	62	28	28	76	40	45	17(37)	74	14	68	22
		68	10	72	28(105)	26	26	63	63	10	68	28	73(254)
91.9	10.8	62	62	26	26	78	39	45	15(38)	75	12	69	21
		69	8	74	27(106)	24	24	64	64	7	68	28	74(253)
98.4	9.3	62	62	26	26	78	38	45	14(38)	76	11	70	20
		69	6	74	26(106)	24	24	64	64	6	69	27	74(253)
105.0	7.9	62	62	25	25	79	37	45	13(39)	76	9	70	19
		69	5	75	26(107)	23	23	64	64	5	68	27	75(252)
111.5	6.8	63	63	24	24	80	37	45	12(39)	77	8	70	18
		69	4	75	25(107)	22	22	65	65	4	69	26	75(252)
118.1	5.7	63	63	23	23	80	35	45	11(40)	77	7	71	17
		69	2	76	25(108)	21	21	65	65	2	68	26	76(251)
124.7	4.9	63	63	22	22	81	35	45	10(40)	78	6	71	17
		69	1	77	24(108)	20	20	65	65	1	69	25	77(251)
131.2	4.0	63	63	22	22	82	35	45	9(40)	78	5	72	16
		69	0	77	23(108)	20	20	66	66	0	69	24	78(251)

 HA=110.2 HI= 55.8 GGW= 35.9 SL= 0.0 MAX(A,B,C,D)= 7.6 6.4 7.2 7.2

Main boom and fixed jib (jib angle 40.0 degrees)

Length of main boom = 114.5 ft Length of jib = 55.8 ft

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

Counterweight = 35.9 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
	1(0)		2(...)		3(90)		6(...)						
	A	B C D	A B C D	A B C D	A B C D	A B C D							
65.6	12.6	53	53	37	37	57	48	41	34(17)	59	29	57	34
		59	29	57	34(90)	35	35	54	54	29	59	34	57(269)
72.2	11.9	55	55	34	34	62	45	42	29(27)	63	25	60	31
		61	24	61	33(99)	33	33	57	57	23	60	33	62(260)
78.7	11.2	57	57	32	32	67	43	43	25(33)	66	21	62	28
		62	19	65	32(104)	30	30	59	59	18	62	32	65(255)
85.3	10.8	59	59	29	29	72	40	45	20(37)	70	17	65	25
		64	13	69	31(108)	28	28	61	61	13	63	31	69(251)
91.9	10.1	61	61	27	27	76	39	45	17(37)	73	13	68	22
		68	10	72	28(105)	26	26	63	63	10	67	28	72(254)
98.4	9.5	63	63	25	25	79	38	45	14(39)	76	10	70	20
		69	6	75	27(107)	24	24	65	65	6	69	27	75(252)
105.0	7.9	62	62	25	25	79	37	45	13(39)	76	10	70	19
		69	5	75	26(107)	23	23	64	64	5	68	27	75(252)
111.5	6.8	63	63	24	24	80	37	45	12(39)	77	8	70	18
		69	4	75	25(107)	22	22	65	65	4	69	26	75(252)
118.1	5.7	63	63	24	24	80	35	45	11(40)	77	7	71	18
		69	3	76	25(108)	21	21	65	65	3	68	26	76(251)
124.7	4.9	63	63	23	23	81	35	45	10(40)	77	6	71	17
		69	1	76	25(108)	21	21	65	65	1	69	25	77(251)
131.2	4.0	63	63	22	22	82	35	45	9(40)	78	5	71	16
		69	0	77	24(108)	20	20	65	65	0	69	24	77(251)
137.8	3.1	63	63	22	22	82	34	45	8(41)	78	4	72	15
		68	0	78	23(109)	19	19	65	65	0	67	24	78(250)

 HA=114.5 HI= 55.8 GGW= 35.9 SL= 0.0 MAX(A,B,C,D)= 7.6 6.4 7.3 7.3

 Main boom and fixed jib (jib angle 40.0 degrees)
 Length of main boom = 124.3 ft Length of jib = 55.8 ft
 Main boom sequence = 0-0-0-90-90-90 % LK = 45
 Counterweight = 35.9 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]								(Pos.[Degrees])				0-360 Degr.
		1(0)				2(...)				3(90)				
		4(...)				5(180)				6(...)				
A	B	C	D	A	B	C	D	A	B	C	D			
65.6	13.4	54	54	36	36	60	47	41	31	(23)	62	27	59	33
		60	26	60	34(96)	34	34	56	56		26	60	34	60(263)
72.2	13.0	57	57	33	33	67	44	43	26	(32)	66	22	62	29
		63	20	65	32(103)	31	31	59	59		20	62	33	65(256)
78.7	12.8	60	60	30	30	73	41	45	21	(37)	71	17	66	25
		65	13	70	31(108)	28	28	62	62		13	64	32	70(251)
85.3	12.1	62	62	27	27	77	39	45	17	(38)	75	13	69	22
		69	9	73	28(106)	26	26	64	64		9	68	28	73(253)
91.9	10.6	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)
98.4	9.0	62	62	25	25	79	37	45	14	(39)	76	10	70	20
		69	6	74	27(107)	24	24	64	64		6	68	27	75(252)
105.0	7.7	63	63	25	25	79	37	45	13	(39)	76	9	70	19
		69	5	75	26(107)	23	23	64	64		5	68	26	75(252)
111.5	6.6	63	63	24	24	80	37	45	12	(39)	77	8	71	18
		69	4	75	25(107)	22	22	65	65		3	69	26	76(252)
118.1	5.5	63	63	23	23	80	35	45	11	(40)	77	7	71	17
		69	2	76	25(108)	21	21	65	65		2	68	26	76(251)
124.7	4.6	63	63	22	22	81	35	45	10	(40)	78	6	71	17
		69	1	77	24(108)	20	20	65	65		1	69	25	77(251)
131.2	3.7	63	63	22	22	82	35	45	9	(40)	78	5	72	16
		69	0	77	24(108)	20	20	65	65		0	69	24	78(251)
137.8	2.6	63	63	22	22	81	34	45	9	(40)	77	5	71	16
		69	0	77	24(108)	20	20	65	65		0	68	24	77(251)

 HA=124.3 HI= 55.8 GGW= 35.9 SL= 0.0 MAX(A,B,C,D)= 7.6 6.4 7.2 7.2

Main boom and fixed jib (jib angle 40.0 degrees)
 Length of main boom = 130.9 ft Length of jib = 55.8 ft
 Main boom sequence = 0-0-0-100-100-100 % LK = 46
 Counterweight = 35.9 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]								(Pos.[Degrees])				0-360 Degr.
		1(0)				2(...)				3(90)				
		4(...)				5(180)				6(...)				
A	B	C	D	A	B	C	D	A	B	C	D			
72.2	11.9	56	56	34	34	63	45	42	28	(28)	63	24	60	31
		61	23	62	33(100)	32	32	57	57		22	61	33	62(259)
78.7	11.2	58	58	32	32	68	42	44	24	(34)	67	20	63	28
		63	18	66	32(105)	30	30	59	59		17	62	32	66(254)
85.3	10.8	60	60	29	29	73	41	44	20	(35)	71	16	66	24
		65	12	70	30(108)	27	27	62	62		12	64	31	70(251)
91.9	10.4	62	62	26	26	78	39	45	16	(38)	75	12	69	21
		69	8	73	27(106)	25	25	64	64		8	68	28	74(253)

98.4	9.0	62	62	25	25	79	37	45	14(39)	76	10	70	20
		69	6	74	27(107)	24	24	64	64	6	68	27	75(252)
105.0	7.7	63	63	25	25	79	37	45	13(39)	76	9	70	19
		69	5	75	26(107)	23	23	64	64	5	68	26	75(252)
111.5	6.6	63	63	24	24	80	37	45	12(39)	77	8	71	18
		69	4	75	25(107)	22	22	65	65	3	69	26	76(252)
118.1	5.5	63	63	23	23	80	35	45	11(40)	77	7	71	17
		69	2	76	25(108)	21	21	65	65	2	68	26	76(251)
124.7	4.6	63	63	22	22	81	35	45	10(40)	78	6	71	17
		69	1	77	24(108)	20	20	65	65	1	69	25	77(251)
131.2	3.7	63	63	22	22	82	35	45	9(40)	78	5	72	16
		69	0	77	24(108)	20	20	65	65	0	69	24	77(251)
137.8	2.9	63	63	21	21	82	34	45	8(41)	78	4	72	15
		68	0	78	23(109)	19	19	65	65	0	67	23	78(250)

 HA=130.9 HI= 55.8 GGW= 35.9 SL= 0.0 MAX(A,B,C,D)= 7.6 6.4 7.3 7.3

Main boom and fixed jib (jib angle 40.0 degrees)
 Length of main boom = 138.1 ft Length of jib = 55.8 ft
 Main boom sequence = 0-0-45-90-90-90 % LK = 54
 Counterweight = 35.9 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.
		1(0)		2(...)		3(90)		6(...)		
		4(...)		5(180)		6(...)				
		A	B	C	D	A	B	C	D	
72.2	13.0	58	58	32	32	68	43	44	25(33)	67 21 63 28
		63	19	66	32(104)	30	30	59	59	19 63 32 66(255)
78.7	12.6	60	60	29	29	74	40	46	20(38)	72 16 67 24
		65	13	71	31(108)	28	28	62	62	13 65 31 71(251)
85.3	12.1	63	63	26	26	79	39	46	15(38)	76 12 70 21
		70	8	75	27(106)	25	25	65	65	7 69 28 75(253)
91.9	10.4	63	63	26	26	79	38	46	14(39)	76 10 70 20
		69	6	75	27(107)	24	24	65	65	6 69 27 75(252)
98.4	8.6	63	63	25	25	79	37	45	14(39)	76 10 70 20
		69	6	75	26(107)	23	23	64	64	6 68 27 75(252)
105.0	7.3	63	63	24	24	79	37	45	13(39)	76 9 70 19
		69	4	75	26(107)	22	22	65	65	4 69 26 75(252)
111.5	6.2	63	63	24	24	80	36	45	11(40)	77 7 71 18
		69	3	76	25(108)	21	21	65	65	3 68 26 76(251)
118.1	5.1	63	63	23	23	81	35	45	11(40)	77 6 71 17
		69	2	76	25(108)	21	21	65	65	2 69 25 76(251)
124.7	4.2	63	63	22	22	82	35	45	9(40)	78 5 72 16
		70	0	77	24(108)	20	20	65	65	0 69 24 77(251)
131.2	3.1	63	63	22	22	81	35	45	9(40)	78 5 71 16
		69	0	77	24(108)	20	20	65	65	0 69 24 77(251)

 HA=138.1 HI= 55.8 GGW= 35.9 SL= 0.0 MAX(A,B,C,D)= 7.6 6.4 7.1 7.2

Main boom and fixed jib (jib angle 40.0 degrees)
 Length of main boom = 145.0 ft Length of jib = 55.8 ft
 Main boom sequence = 0-0-45-100-100-100 % LK = 55
 Counterweight = 35.9 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.						
	1(0)				2(...)				3(90)						
	4(...)				5(180)				6(...)						
	A	B	C	D	A	B	C	D	A	B	C	D			
72.2	11.9	56	56	33	33	65	44	43	27	(30)	64	23	61	30	
		62	21	63	32	(101)	32	32	58	58	21	62	33	63	(258)
78.7	11.5	59	59	30	30	70	42	44	22	(35)	69	19	64	26	
		64	16	68	31	(106)	29	29	60	60	15	63	32	68	(253)
85.3	11.0	61	61	28	28	75	40	45	18	(37)	73	14	68	23	
		65	10	72	30	(110)	26	26	63	63	10	65	31	73	(249)
91.9	10.4	63	63	26	26	79	38	46	14	(39)	76	10	70	20	
		69	6	75	27	(107)	24	24	65	65	6	69	27	75	(252)
98.4	8.8	63	63	25	25	80	37	45	13	(39)	77	9	71	19	
		69	5	75	26	(107)	23	23	65	65	5	69	27	75	(252)
105.0	7.3	63	63	24	24	79	37	45	13	(39)	76	9	70	19	
		69	4	75	26	(107)	22	22	65	65	4	68	26	75	(252)
111.5	6.2	63	63	24	24	80	36	45	11	(40)	77	7	71	18	
		69	3	76	25	(108)	22	22	65	65	3	68	26	76	(251)
118.1	5.1	63	63	23	23	81	35	45	11	(40)	77	7	71	17	
		69	2	76	25	(108)	21	21	65	65	2	69	25	76	(251)
124.7	4.2	63	63	22	22	82	35	45	9	(40)	78	5	71	16	
		69	0	77	24	(108)	20	20	65	65	0	69	25	77	(251)
131.2	3.1	63	63	22	22	81	35	45	9	(40)	77	5	71	16	
		69	0	77	24	(108)	20	20	65	65	0	69	24	77	(251)
137.8	2.2	63	63	22	22	81	34	45	9	(40)	78	5	71	16	
		69	0	77	23	(108)	19	19	65	65	0	68	24	77	(251)

HA=145.0 HI= 55.8 GGW= 35.9 SL= 0.0 MAX(A,B,C,D)= 7.6 6.4 7.1 7.2

Main boom and fixed jib (jib angle 40.0 degrees)

Length of main boom = 152.2 ft Length of jib = 55.8 ft

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

Counterweight = 35.9 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.						
	1(0)				2(...)				3(90)						
	4(...)				5(180)				6(...)						
	A	B	C	D	A	B	C	D	A	B	C	D			
72.2	12.8	58	58	32	32	69	43	44	24	(34)	67	21	63	28	
		63	18	67	32	(105)	30	30	60	60	18	63	32	67	(254)
78.7	12.6	61	61	28	28	75	41	45	19	(36)	73	15	67	24	
		66	11	72	30	(109)	27	27	63	63	11	65	31	72	(250)
85.3	11.7	63	63	26	26	79	39	45	15	(38)	76	11	70	21	
		70	7	75	27	(106)	24	24	65	65	7	69	28	75	(253)
91.9	9.9	63	63	25	25	79	38	46	14	(39)	76	10	70	20	
		69	6	75	27	(107)	24	24	65	65	6	69	27	75	(252)
98.4	8.4	63	63	25	25	80	37	45	13	(39)	77	9	71	19	
		69	5	75	26	(107)	23	23	65	65	4	69	26	75	(252)
105.0	7.1	63	63	24	24	80	36	46	12	(40)	77	8	71	18	
		69	3	76	26	(108)	22	22	65	65	3	69	26	76	(251)
111.5	5.7	63	63	23	23	80	35	45	11	(40)	77	7	71	17	
		69	2	76	25	(108)	21	21	65	65	2	68	26	76	(251)
118.1	4.6	63	63	23	23	81	35	45	10	(40)	77	6	71	17	
		69	1	76	25	(108)	21	21	65	65	1	69	25	77	(251)

124.7 3.5 63 63 22 22 81 35 45 10(40) 77 6 71 16
 69 1 76 24(108) 20 20 65 65 1 68 25 77(251)
 131.2 2.6 63 63 22 22 81 34 45 9(40) 78 5 71 16
 69 0 77 23(108) 19 19 65 65 0 68 24 77(251)

 HA=152.2 HI= 55.8 GGW= 35.9 SL= 0.0 MAX(A,B,C,D)= 7.6 6.4 7.1 7.2

Main boom and fixed jib (jib angle 40.0 degrees)
 Length of main boom = 161.4 ft Length of jib = 55.8 ft
 Main boom sequence = 0-0-100-100-100-100 % LK = 63
 Counterweight = 35.9 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]								(Pos.[Degrees])				0-360 Degr.
		1(0)				2(...)				3(90)				
		A	B	C	D	A	B	C	D	A	B	C	D	
78.7	11.5	59	59	30	30	72	40	45	21(37)	70	17	65	25	
		64	14	69	31(107)	28	28	61	61	14	64	31	69(252)	
85.3	11.0	62	62	27	27	77	40	45	17(37)	74	13	69	22	
		69	9	73	27(105)	25	25	64	64	9	68	28	73(254)	
91.9	9.7	63	63	26	26	79	38	46	14(39)	76	11	70	20	
		69	6	75	27(107)	24	24	64	64	6	68	27	75(252)	
98.4	8.2	63	63	25	25	79	37	45	13(39)	76	9	70	19	
		69	5	75	26(107)	23	23	65	65	5	68	27	75(252)	
105.0	6.6	62	62	24	24	79	37	45	13(39)	76	9	70	19	
		69	5	75	26(107)	22	22	64	64	4	68	26	75(252)	
111.5	5.5	63	63	24	24	80	36	45	12(39)	77	7	70	18	
		69	3	75	25(107)	22	22	65	65	3	69	25	75(252)	
118.1	4.4	63	63	23	23	80	35	45	11(40)	77	7	71	17	
		69	2	76	25(108)	21	21	65	65	2	68	25	76(251)	
124.7	3.3	62	62	23	23	80	35	45	10(40)	77	6	71	17	
		68	2	76	24(108)	21	21	65	65	1	68	25	76(251)	
131.2	2.4	62	62	22	22	80	34	45	9(40)	77	5	71	16	
		69	0	76	24(108)	20	20	65	65	0	68	24	76(251)	

 HA=161.4 HI= 55.8 GGW= 35.9 SL= 0.0 MAX(A,B,C,D)= 7.5 6.4 7.1 7.1

Main boom and fixed jib (jib angle 40.0 degrees)
 Length of main boom = 166.0 ft Length of jib = 55.8 ft
 Main boom sequence = 0-45-90-90-90-90 % LK = 68
 Counterweight = 35.9 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]								(Pos.[Degrees])				0-360 Degr.
		1(0)				2(...)				3(90)				
		A	B	C	D	A	B	C	D	A	B	C	D	
78.7	12.3	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)	
85.3	10.6	62	62	27	27	77	39	45	16(38)	75	12	69	21	
		68	8	73	28(106)	25	25	64	64	8	68	28	73(253)	
91.9	8.8	62	62	26	26	78	38	45	15(38)	75	11	69	21	
		69	7	73	27(106)	24	24	64	64	7	68	27	74(253)	
98.4	7.3	62	62	25	25	78	37	45	14(39)	75	10	69	20	
		68	6	74	26(107)	23	23	64	64	6	68	27	74(252)	

105.0	5.7	62	62	25	25	78	37	45	13(39)	75	9	69	19
	68	5	74	26(107)	23	23	64	64	5	67	26	74(252)	
111.5	4.6	62	62	24	24	79	36	45	12(39)	76	8	70	18
	68	4	75	25(107)	22	22	64	64	4	68	26	75(252)	
118.1	3.5	62	62	23	23	79	36	44	11(39)	76	7	70	17
	68	3	75	25(107)	21	21	64	64	2	68	25	75(252)	
124.7	2.4	62	62	23	23	79	35	44	11(39)	76	7	70	17
	68	2	75	24(107)	21	21	64	64	2	68	25	75(252)	

HA=166.0 HI= 55.8 GGW= 35.9 SL= 0.0 MAX(A,B,C,D)= 7.3 6.3 6.9 7.0

Main boom and fixed jib (jib angle 40.0 degrees)

Length of main boom = 175.5 ft Length of jib = 55.8 ft

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

Counterweight = 35.9 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
	1(0)				2(...)								
	4(...)				5(180)				6(...)				
	A	B	C	D	A	B	C	D	A	B	C	D	
85.3	10.4	62	62	27	27	77	39	45	17(37)	74	13	69	22
	68	9	73	27(105)	25	25	63	63	9	68	28	73(254)	
91.9	8.6	62	62	26	26	77	38	45	15(38)	74	11	69	21
	68	7	73	27(106)	24	24	63	63	7	67	27	73(253)	
98.4	7.1	62	62	25	25	77	38	45	14(38)	75	10	69	20
	68	6	73	26(106)	23	23	63	63	6	68	27	73(253)	
105.0	5.5	61	61	25	25	77	37	44	14(38)	74	10	69	20
	68	6	73	26(106)	23	23	63	63	6	67	26	73(253)	
111.5	4.4	62	62	24	24	78	36	45	13(39)	75	9	69	19
	68	4	74	26(107)	22	22	63	63	4	67	26	74(252)	
118.1	3.3	62	62	24	24	78	36	44	12(39)	75	8	69	18
	68	3	74	25(107)	21	21	64	64	3	67	25	74(252)	
124.7	2.2	61	61	23	23	78	35	44	11(39)	75	7	69	18
	67	3	74	25(107)	21	21	63	63	3	67	25	74(252)	

HA=175.5 HI= 55.8 GGW= 35.9 SL= 0.0 MAX(A,B,C,D)= 7.3 6.3 6.9 6.9

Main boom and fixed jib (jib angle 40.0 degrees)

Length of main boom = 180.1 ft Length of jib = 55.8 ft

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

Counterweight = 35.9 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
	1(0)				2(...)								
	4(...)				5(180)				6(...)				
	A	B	C	D	A	B	C	D	A	B	C	D	
85.3	9.5	61	61	27	27	75	39	45	17(37)	73	13	68	22
	67	10	72	28(105)	25	25	63	63	9	67	28	72(254)	
91.9	7.7	61	61	26	26	76	39	44	16(37)	73	12	68	21
	67	8	72	27(105)	24	24	63	63	8	67	27	72(254)	
98.4	6.2	61	61	26	26	76	38	44	15(38)	74	11	68	21
	67	7	72	26(106)	24	24	63	63	7	67	27	73(253)	
105.0	4.9	61	61	25	25	77	37	44	14(38)	74	10	68	20
	67	6	73	26(106)	23	23	63	63	6	67	26	73(253)	

111.5 3.5 61 61 24 24 77 37 44 13(38) 74 9 68 19
 67 5 73 25(106) 22 22 63 63 5 67 26 73(253)
 118.1 2.4 61 61 24 24 77 36 44 13(39) 74 8 69 19
 67 4 73 25(107) 22 22 63 63 4 66 26 73(252)

 HA=180.1 HI= 55.8 GGW= 35.9 SL= 0.0 MAX(A,B,C,D)= 7.1 6.2 6.8 6.8

Main boom and fixed jib (jib angle 40.0 degrees)
 Length of main boom = 191.9 ft Length of jib = 55.8 ft
 Main boom sequence = 0-100-100-100-100-100 % LK = 74
 Counterweight = 35.9 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.			
		1(0)				2(...)							
		4(...)				5(180)				6(...)			
		A	B	C	D	A	B	C	D	A	B	C	D
85.3	9.0	60	60	28	28	74	40	44	18(36)	72	14	67	23
		65	10	71	30(109)	26	26	62	62	10	65	30	72(250)
91.9	7.3	60	60	27	27	75	39	44	17(37)	72	13	67	22
		67	9	71	27(105)	25	25	62	62	9	66	28	71(254)
98.4	5.7	60	60	26	26	75	38	44	16(37)	73	12	67	21
		67	8	71	26(105)	24	24	62	62	8	66	27	71(254)
105.0	4.4	60	60	25	25	75	37	44	15(38)	73	11	67	20
		67	7	72	26(106)	23	23	62	62	7	66	27	72(253)
111.5	3.1	60	60	25	25	75	37	44	14(38)	73	10	67	20
		66	6	72	26(106)	23	23	62	62	6	66	26	72(253)

 HA=191.9 HI= 55.8 GGW= 35.9 SL= 0.0 MAX(A,B,C,D)= 7.0 6.2 6.7 6.7

Main boom and fixed jib (jib angle 40.0 degrees)
 Length of main boom = 193.9 ft Length of jib = 55.8 ft
 Main boom sequence = 45-90-90-90-90-90 % LK = 76
 Counterweight = 35.9 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.			
		1(0)				2(...)							
		4(...)				5(180)				6(...)			
		A	B	C	D	A	B	C	D	A	B	C	D
85.3	8.2	60	60	28	28	73	40	44	18(36)	71	14	67	23
		64	10	71	30(109)	26	26	62	62	10	64	30	71(250)
91.9	6.4	60	60	27	27	74	39	43	17(36)	72	13	67	22
		67	10	70	27(104)	25	25	62	62	9	66	27	70(255)
98.4	4.9	60	60	26	26	74	38	43	16(37)	72	12	67	21
		66	8	71	27(105)	24	24	62	62	8	66	27	71(254)
105.0	3.5	60	60	25	25	75	38	43	15(37)	72	11	67	20
		66	7	71	26(105)	23	23	62	62	7	66	26	71(254)
111.5	2.2	60	60	25	25	75	37	43	14(38)	72	10	67	20
		66	6	71	26(106)	23	23	62	62	6	65	26	71(253)

 HA=193.9 HI= 55.8 GGW= 35.9 SL= 0.0 MAX(A,B,C,D)= 6.9 6.1 6.6 6.6

HA=193.9 HI= 55.8 GGW= 35.9 SL= 0.0 MAX(A,B,C,D)= 0.0 0.0 0.0 0.0

HA=193.9 HI= 55.8 GGW= 35.9 SL= 0.0 MAX(A,B,C,D)= 0.0 0.0 0.0 0.0

HA=193.9 HI= 55.8 GGW= 35.9 SL= 0.0 MAX(A,B,C,D)= 0.0 0.0 0.0 0.0

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

14.10.2003, 15:37:22

Eingabedatei: ilam.dat

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

Tabellendat.: /berechnung/tabellen/ac/ac200-1/serie_3/pc_tab/22137312_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 = 55.8 ft

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

Counterweight = 32.6 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.					
	1(0)		2(...)		3(90)		6(...)							
	A	B	C	D	A	B	C	D	A	B	C	D		
9.8 33.1	42	42	56	56	36	55	45	60	(59)	38	60	41	58	
	44	62	39	52	(128)	55	55	43	43	62	44	52	39	(232)
11.5 32.6	43	43	54	54	38	54	46	58	(59)	40	58	42	56	
	45	59	41	51	(128)	54	54	44	44	59	45	51	41	(232)
13.1 32.2	45	45	53	53	41	52	47	56	(59)	42	56	44	54	
	46	56	43	51	(128)	53	53	45	45	56	46	51	43	(232)
14.8 31.5	45	45	52	52	43	51	47	54	(59)	43	53	45	53	
	46	54	44	50	(128)	51	51	46	46	54	46	50	44	(232)
16.4 30.9	47	47	51	51	45	50	48	52	(59)	45	51	47	51	
	47	52	46	50	(128)	50	50	47	47	52	47	50	46	(232)
19.7 29.8	48	48	48	48	49	48	49	48	(59)	49	47	49	48	
	48	47	49	49	(127)	48	48	49	49	47	48	49	49	(232)
23.0 28.2	50	50	46	46	52	45	50	45	(59)	51	44	51	45	
	49	43	52	47	(128)	45	45	50	50	43	49	47	52	(232)
26.2 26.9	51	51	44	44	55	43	50	41	(59)	54	40	53	43	
	50	39	54	46	(128)	43	43	52	52	39	50	46	54	(232)
29.5 25.4	52	52	42	42	58	41	51	39	(59)	56	37	55	41	
	56	37	55	41	(90)	41	41	53	53	37	56	41	55	(270)
32.8 24.0	53	53	40	40	54	53	41	40	(2)	58	34	56	38	
	58	34	56	38	(90)	39	39	54	54	34	58	38	56	(270)
39.4 21.8	56	56	37	37	61	49	43	33	(22)	62	29	60	34	
	62	28	60	35	(94)	36	36	57	57	28	61	35	60	(265)

45.9	19.8	57	57	34	34	66	45	44	28(30)	66	24	62	31
		63	22	64	33(101)	33	33	59	59	22	63	34	64(258)
52.5	18.1	59	59	32	32	70	43	45	24(35)	69	20	65	28
		64	17	68	32(106)	30	30	60	60	17	63	33	68(253)
59.1	16.8	61	61	29	29	74	41	45	20(36)	72	16	67	24
		65	12	71	31(109)	28	28	62	62	12	65	31	71(250)
65.6	15.4	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)
72.2	13.7	63	63	26	26	79	38	46	14(39)	76	10	70	20
		69	6	75	27(107)	24	24	65	65	6	69	27	75(252)
78.7	11.7	63	63	25	25	79	37	45	13(39)	76	9	70	19
		69	5	75	26(107)	23	23	64	64	5	68	27	75(252)

HA= 40.7 HI= 55.8 GGW= 32.6 SL= 0.0 MAX(A,B,C,D)= 7.4 6.4 6.9 7.0

Main boom and fixed jib (jib angle 0.0 degrees)
 Length of main boom = 54.5 ft Length of jib = 55.8 ft
 Main boom sequence = 0-0-0-0-45 % LK = 7
 Counterweight = 32.6 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.			
		1(0)		2(...)		3(90)		6(...)					
		A	B	C	D	A	B	C	D	A	B	C	D
13.1	30.9	44	44	53	53	39	52	46	56(59)	41	56	43	55
		45	57	41	51(128)	53	53	44	44	57	45	51	41(232)
14.8	30.4	45	45	52	52	42	51	47	54(59)	43	54	45	53
		46	55	43	50(128)	51	51	45	45	55	46	50	43(232)
16.4	30.0	46	46	51	51	44	50	47	52(59)	44	52	46	51
		47	52	45	50(128)	50	50	47	47	52	47	50	45(232)
19.7	29.1	48	48	49	49	48	48	49	49(59)	48	48	49	49
		48	48	49	49(127)	48	48	49	49	48	48	49	49(232)
23.0	28.2	50	50	46	46	52	46	49	45(59)	51	44	51	46
		49	43	52	47(128)	45	45	50	50	43	49	47	52(232)
26.2	27.1	51	51	44	44	55	43	50	42(59)	54	41	53	43
		50	39	54	47(128)	43	43	52	52	39	50	47	54(232)
29.5	26.0	53	53	42	42	58	42	51	39(59)	56	37	55	40
		56	37	55	40(90)	41	41	54	54	37	56	40	55(270)
32.8	24.9	54	54	40	40	55	52	41	39(6)	59	34	57	38
		59	34	57	38(90)	39	39	55	55	34	59	38	57(270)
39.4	22.5	56	56	37	37	62	49	43	33(23)	63	29	60	34
		62	28	61	35(95)	36	36	57	57	28	62	35	61(264)
45.9	20.9	58	58	34	34	68	45	45	27(32)	67	24	63	30
		64	21	66	34(103)	33	33	60	60	21	63	34	66(256)
52.5	19.2	60	60	31	31	72	42	45	23(36)	70	19	66	27
		65	16	69	32(107)	30	30	62	62	16	64	32	69(252)
59.1	17.6	62	62	29	29	75	41	45	19(36)	73	15	68	24
		66	11	73	31(109)	27	27	63	63	11	66	31	73(250)
65.6	16.3	63	63	26	26	79	39	46	15(38)	76	12	70	21
		70	8	75	27(106)	25	25	65	65	7	69	28	75(253)
72.2	13.9	63	63	26	26	79	38	46	14(39)	76	11	70	20
		69	6	75	27(107)	24	24	65	65	6	69	28	75(252)
78.7	11.9	63	63	25	25	79	37	45	13(39)	76	10	70	19
		69	6	75	26(107)	23	23	64	64	5	68	27	75(252)

85.3 10.1 62 62 24 24 79 37 45 13(39) 76 9 70 19
 68 5 74 26(107) 22 22 64 64 5 68 26 75(252)
 91.9 8.8 62 62 24 24 79 36 45 12(39) 76 8 70 18
 69 4 75 25(107) 22 22 64 64 3 68 26 75(252)

 HA= 54.5 HI= 55.8 GGW= 32.6 SL= 0.0 MAX(A,B,C,D)= 7.4 6.5 6.9 7.0

Main boom and fixed jib (jib angle 0.0 degrees)
 Length of main boom = 68.6 ft Length of jib = 55.8 ft
 Main boom sequence = 0-0-0-0-90 % LK = 13
 Counterweight = 32.6 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
		1(0)		2(...)		3(90)		6(...)						
		A	B	C	D	A	B	C	D		A	B	C	D
16.4	28.2	45	45	51	51	42	50	47	53(59)	43	52	45	52	
		45	53	44	49(128)	50	50	45	45	53	45	49	44(232)	
19.7	27.6	47	47	49	49	46	48	48	49(59)	46	49	47	49	
		47	49	47	49(127)	48	48	47	47	49	47	48	47(232)	
23.0	26.9	49	49	47	47	50	46	49	46(59)	50	45	50	46	
		48	44	50	47(128)	46	46	49	49	44	48	47	50(232)	
26.2	26.2	50	50	44	44	54	44	50	42(59)	53	41	52	43	
		49	40	53	47(128)	43	43	51	51	40	49	47	53(232)	
29.5	25.6	52	52	42	42	57	42	51	39(59)	56	38	54	41	
		50	36	56	46(128)	41	41	53	53	36	50	46	56(232)	
32.8	24.5	53	53	41	41	54	53	41	40(1)	58	35	56	39	
		58	35	56	39(90)	39	39	54	54	35	58	39	56(270)	
39.4	22.7	56	56	37	37	62	49	43	33(23)	63	29	60	34	
		62	28	61	35(95)	36	36	57	57	28	62	35	61(264)	
45.9	20.9	58	58	34	34	67	45	44	27(31)	67	24	63	30	
		64	22	65	34(102)	33	33	59	59	22	63	34	65(257)	
52.5	19.2	60	60	31	31	72	42	45	23(36)	70	20	65	27	
		65	17	69	32(106)	30	30	61	61	17	65	32	69(253)	
59.1	17.2	61	61	29	29	75	40	46	20(38)	72	17	67	25	
		66	13	71	31(108)	28	28	62	62	13	65	31	71(251)	
65.6	15.2	62	62	28	28	76	40	45	18(37)	73	14	68	23	
		66	10	73	30(110)	26	26	63	63	10	65	31	73(249)	
72.2	13.9	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)	
78.7	12.1	63	63	25	25	79	37	45	14(39)	76	10	70	20	
		69	6	75	26(107)	23	23	64	64	5	68	27	75(252)	
85.3	10.4	62	62	24	24	79	37	45	13(39)	76	9	70	19	
		69	5	75	26(107)	22	22	64	64	5	68	26	75(252)	
91.9	8.8	62	62	24	24	78	36	45	13(39)	75	9	69	19	
		68	4	74	26(107)	22	22	64	64	4	68	26	75(252)	
98.4	7.7	62	62	23	23	79	36	44	11(39)	76	7	70	18	
		68	3	75	25(107)	21	21	64	64	3	68	25	75(252)	
105.0	6.6	62	62	23	23	79	35	44	11(39)	76	7	70	17	
		68	2	75	24(107)	21	21	64	64	2	68	25	75(252)	
111.5	5.7	62	62	22	22	80	34	45	10(40)	76	6	70	17	
		68	1	75	24(108)	20	20	64	64	1	67	25	75(251)	

 HA= 68.6 HI= 55.8 GGW= 32.6 SL= 0.0 MAX(A,B,C,D)= 7.4 6.4 7.0 7.0

 Main boom and fixed jib (jib angle 0.0 degrees)
 Length of main boom = 70.2 ft Length of jib = 55.8 ft
 Main boom sequence = 0-0-0-0-0-100 % LK = 14
 Counterweight = 32.6 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip] (Pos.[Degrees]) 0-360 Degr.																										
		1(0)				2(...)				3(90)				4(...)				5(180)				6(...)						
		A	B	C	D	A	B	C	D	A	B	C	D	A	B	C	D	A	B	C	D							
16.4	28.0	45	45	51	51	42	50	47	53	(59)	43	52	45	52	45	53	43	49	43	(232)								
19.7	27.3	47	47	49	49	46	48	48	49	(59)	46	49	47	49	47	49	47	48	47	(232)								
23.0	26.7	49	49	47	47	50	46	49	46	(59)	49	45	50	46	48	45	48	47	50	(232)								
26.2	26.0	50	50	45	45	53	44	50	42	(59)	52	41	52	43	49	40	53	47	53	(232)								
29.5	25.4	52	52	42	42	57	42	51	39	(59)	56	38	54	41	50	37	56	46	56	(232)								
32.8	24.0	53	53	41	41	59	40	51	37	(59)	58	35	56	39	58	35	56	39	(90)	40	40	54	54	35	58	39	56	(270)
39.4	21.4	55	55	38	38	59	49	42	35	(18)	61	30	58	35	61	30	59	35	(91)	37	37	56	56	30	60	35	59	(268)
45.9	18.5	55	55	35	35	62	47	42	31	(25)	63	27	60	32	61	26	61	34	61	(262)								
52.5	17.0	57	57	33	33	66	44	43	26	(31)	66	23	62	29	62	21	65	33	(103)	32	32	59	59	20	62	33	65	(256)
59.1	15.2	58	58	31	31	69	42	44	23	(35)	68	20	64	27	63	17	67	31	(105)	29	29	60	60	17	63	32	67	(254)
65.6	13.4	59	59	30	30	71	41	44	21	(36)	69	17	65	25	64	14	69	31	(107)	28	28	61	61	14	63	31	69	(252)
72.2	12.1	60	60	28	28	73	40	44	19	(36)	71	15	66	23	64	11	71	30	(109)	26	26	62	62	11	64	30	71	(250)
78.7	11.2	61	61	26	26	76	38	45	15	(38)	74	12	68	21	67	8	72	27	(106)	24	24	63	63	8	67	27	73	(253)
85.3	10.4	62	62	25	25	79	37	45	13	(39)	76	9	70	19	68	5	75	26	(107)	23	23	64	64	5	68	26	75	(252)
91.9	8.8	62	62	24	24	78	36	45	13	(39)	75	9	69	19	68	4	74	26	(107)	22	22	64	64	4	68	26	74	(252)
98.4	7.7	62	62	23	23	79	36	44	12	(39)	76	7	70	18	68	3	75	25	(107)	21	21	64	64	3	68	25	75	(252)
105.0	6.6	62	62	23	23	79	35	44	11	(39)	76	7	70	17	68	2	75	24	(107)	21	21	64	64	2	68	25	75	(252)
111.5	5.7	62	62	22	22	80	34	45	10	(40)	76	6	70	17	68	1	75	24	(108)	20	20	64	64	1	67	25	75	(251)

 HA= 70.2 HI= 55.8 GGW= 32.6 SL= 0.0 MAX(A,B,C,D)= 7.4 6.3 7.0 7.0

Main boom and fixed jib (jib angle 0.0 degrees)
 Length of main boom = 82.3 ft Length of jib = 55.8 ft
 Main boom sequence = 0-0-0-0-45-90 % LK = 20
 Counterweight = 32.6 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]								(Pos.[Degrees])				0-360 Degr.	
	1(0)		2(...)				3(90)		4(...)					
	A	B	C	D	A	B	C	D	A	B	C	D		
19.7	26.7	46	46	49	49	45	48	47	49	(59)	46	49	47	49
		47	49	47	48(127)	48	48	47	47		49	47	48	47(232)
23.0	26.0	48	48	47	47	49	46	49	46	(59)	49	45	49	46
		48	45	50	47(128)	46	46	49	49		45	48	47	50(232)
26.2	25.4	50	50	45	45	53	44	50	43	(59)	52	41	52	44
		49	41	53	46(128)	43	43	51	51		41	49	46	53(232)
29.5	24.9	52	52	42	42	57	42	50	39	(59)	55	38	54	41
		50	37	56	45(128)	41	41	53	53		37	50	45	56(232)
32.8	24.3	53	53	40	40	54	53	41	40	(2)	58	35	56	38
		58	35	56	38(90)	39	39	54	54		35	58	38	56(270)
39.4	22.9	56	56	37	37	63	49	43	32	(24)	63	28	60	34
		62	28	62	35(96)	36	36	58	58		27	62	35	62(263)
45.9	21.4	59	59	34	34	69	45	45	26	(32)	68	23	64	30
		64	21	67	34(104)	32	32	60	60		21	64	34	67(255)
52.5	19.8	61	61	31	31	74	42	46	22	(37)	72	19	67	26
		65	15	71	32(108)	29	29	62	62		15	65	32	71(251)
59.1	18.3	63	63	28	28	77	41	46	18	(37)	75	14	69	23
		67	10	74	31(110)	27	27	64	64		10	67	31	74(249)
65.6	16.5	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)
72.2	13.9	63	63	26	26	79	38	46	14	(39)	76	11	70	20
		69	6	75	27(107)	24	24	65	65		6	69	27	75(252)
78.7	11.9	63	63	25	25	79	37	45	13	(39)	76	9	70	19
		69	5	75	26(107)	23	23	65	65		5	68	27	75(252)
85.3	10.1	62	62	24	24	79	37	45	13	(39)	76	9	70	19
		69	4	75	26(107)	22	22	64	64		4	68	26	75(252)
91.9	8.6	62	62	24	24	79	36	45	12	(39)	76	8	70	18
		68	4	74	25(107)	22	22	64	64		4	68	26	75(252)
98.4	7.5	62	62	23	23	79	36	44	11	(39)	76	7	70	17
		69	3	75	25(107)	21	21	64	64		2	68	25	75(252)
105.0	6.4	62	62	23	23	80	35	45	11	(40)	76	6	70	17
		68	2	75	25(108)	21	21	64	64		2	67	25	75(251)
111.5	5.5	62	62	22	22	80	34	45	10	(40)	77	6	70	16
		68	1	76	24(108)	20	20	64	64		1	68	25	76(251)
118.1	4.9	63	63	21	21	81	34	44	9	(40)	77	4	71	15
		68	0	77	23(108)	19	19	65	65		0	67	23	77(251)
124.7	4.0	62	62	21	21	81	34	44	9	(40)	77	4	71	15
		68	0	77	22(108)	19	19	65	65		0	67	23	77(251)

HA= 82.3 HI= 55.8 GGW= 32.6 SL= 0.0 MAX(A,B,C,D)= 7.5 6.5 7.2 7.2

Main boom and fixed jib (jib angle 0.0 degrees)
Length of main boom = 84.0 ft Length of jib = 55.8 ft
Main boom sequence = 0-0-0-0-45-100 % LK = 21
Counterweight = 32.6 kip

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

19.7	26.2	46	46	49	49	45	48	47	49(59)	45	49	47	49
		46	49	46	48(127)	48	48	47	47	49	46	48	46(232)
23.0	25.8	48	48	47	47	49	46	48	46(59)	49	45	49	46
		48	45	50	47(128)	46	46	49	49	45	48	47	50(232)
26.2	25.1	50	50	45	45	53	44	49	43(59)	52	41	52	44
		49	41	52	46(128)	44	44	51	51	41	49	46	52(232)
29.5	24.7	52	52	43	43	56	42	50	39(59)	55	38	54	41
		50	37	56	45(128)	41	41	52	52	37	50	45	56(232)
32.8	24.0	53	53	41	41	60	40	51	36(59)	58	35	56	39
		58	35	56	39(90)	39	39	54	54	35	58	39	56(270)
39.4	22.0	56	56	37	37	61	49	43	33(22)	62	29	60	34
		62	29	60	35(94)	36	36	57	57	29	61	35	60(265)
45.9	20.1	57	57	34	34	66	45	44	28(30)	66	25	62	31
		63	23	64	34(101)	33	33	59	59	23	63	34	64(258)
52.5	17.9	58	58	32	32	69	43	45	24(34)	68	21	64	28
		63	18	67	32(105)	31	31	60	60	18	63	33	67(254)
59.1	16.3	60	60	30	30	73	41	45	21(37)	71	17	66	25
		65	14	70	31(108)	28	28	62	62	14	64	32	70(251)
65.6	15.0	62	62	28	28	76	40	45	18(37)	73	14	68	23
		66	10	73	30(110)	26	26	63	63	10	65	31	73(249)
72.2	13.4	62	62	26	26	78	39	45	15(38)	75	11	69	21
		69	7	74	27(106)	24	24	64	64	7	68	27	74(253)
78.7	11.9	63	63	25	25	79	37	45	13(39)	76	10	70	19
		69	5	75	26(107)	23	23	65	65	5	68	27	75(252)
85.3	10.1	62	62	24	24	79	37	45	13(39)	76	9	70	19
		69	5	75	26(107)	22	22	64	64	4	68	26	75(252)
91.9	8.6	62	62	24	24	78	36	45	12(39)	75	8	70	19
		68	4	74	25(107)	22	22	64	64	4	68	26	75(252)
98.4	7.5	62	62	23	23	79	36	44	11(39)	76	7	70	18
		69	3	75	25(107)	21	21	64	64	3	68	25	75(252)
105.0	6.4	62	62	23	23	79	35	45	11(40)	76	7	70	17
		68	2	75	25(108)	21	21	64	64	2	67	25	75(251)
111.5	5.5	62	62	22	22	80	34	45	10(40)	77	6	70	16
		68	1	75	24(108)	20	20	64	64	1	68	25	76(251)
118.1	4.9	63	63	21	21	81	34	44	9(40)	77	4	71	15
		68	0	77	23(108)	19	19	65	65	0	67	23	77(251)
124.7	4.0	62	62	21	21	80	34	44	9(40)	77	4	71	15
		68	0	77	22(108)	19	19	65	65	0	67	23	77(251)

HA= 84.0 HI= 55.8 GGW= 32.6 SL= 0.0 MAX(A,B,C,D)= 7.5 6.3 7.1 7.2

Main boom and fixed jib (jib angle 0.0 degrees)
Length of main boom = 96.5 ft Length of jib = 55.8 ft
Main boom sequence = 0-0-0-0-90-90 % LK = 28
Counterweight = 32.6 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
	1(0)		2(...)		3(90)		6(...)						
	4(...)	5(180)			6(...)								
	A	B	C	D	A	B	C	D	A	B	C	D	
23.0	24.5	47	47	47	47	48	46	48	46(59)	48	45	48	47
		47	45	49	47(127)	46	46	48	48	45	47	47	49(232)
26.2	24.0	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)

29.5	23.6	51	51	43	43	55	42	50	40(59)	54	38	53	41
		50	37	55	45(128)	42	42	52	52	37	50	45	55(232)
32.8	23.1	53	53	41	41	59	40	51	37(59)	57	35	56	39
		57	35	56	39(90)	40	40	54	54	35	57	39	56(270)
39.4	22.3	56	56	37	37	62	49	43	33(23)	63	29	60	34
		62	28	61	35(95)	36	36	57	57	28	62	35	61(264)
45.9	20.9	59	59	34	34	68	45	45	27(32)	68	23	63	30
		64	21	66	33(103)	32	32	60	60	21	64	34	66(256)
52.5	19.8	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)
59.1	18.7	64	64	27	27	79	40	46	17(38)	77	13	70	22
		70	9	75	28(106)	26	26	65	65	9	69	29	75(253)
65.6	16.3	64	64	26	26	80	39	46	15(39)	77	11	71	21
		70	7	75	27(107)	24	24	65	65	7	69	28	76(252)
72.2	13.7	63	63	26	26	79	38	46	14(39)	76	10	70	20
		69	6	75	27(107)	24	24	65	65	6	69	27	75(252)
78.7	11.7	63	63	25	25	79	37	45	13(39)	76	9	70	19
		69	5	75	26(107)	23	23	65	65	5	68	27	75(252)
85.3	9.9	62	62	24	24	79	37	45	13(39)	76	9	70	19
		69	4	75	26(107)	22	22	64	64	4	68	26	75(252)
91.9	8.4	62	62	24	24	79	36	45	12(39)	76	8	70	18
		68	4	75	25(107)	22	22	64	64	4	68	26	75(252)
98.4	7.3	62	62	23	23	80	35	45	11(40)	76	7	70	17
		68	2	75	25(108)	21	21	64	64	2	68	26	75(251)
105.0	6.2	62	62	23	23	80	35	45	10(40)	76	6	70	17
		68	2	75	24(108)	21	21	64	64	1	68	25	76(251)
111.5	5.3	62	62	22	22	80	34	45	9(40)	77	5	71	16
		68	0	76	24(108)	20	20	65	65	0	68	24	76(251)
118.1	4.4	62	62	22	22	80	34	44	9(40)	77	5	71	16
		68	0	76	23(108)	19	19	65	65	0	67	24	76(251)
124.7	3.7	62	62	21	21	81	34	44	8(40)	77	4	71	15
		67	0	78	22(108)	19	19	65	65	0	67	22	78(251)
131.2	2.9	62	62	21	21	80	34	44	8(40)	77	4	71	15
		67	0	77	22(108)	19	19	64	64	0	66	22	77(251)
137.8	2.2	62	62	21	21	80	33	44	8(40)	77	4	70	15
		67	0	77	22(108)	18	18	64	64	0	66	22	77(251)

 HA= 96.5 HI= 55.8 GGW= 32.6 SL= 0.0 MAX(A,B,C,D)= 7.5 6.5 7.2 7.3

Main boom and fixed jib (jib angle 0.0 degrees)
 Length of main boom = 100.4 ft Length of jib = 55.8 ft
 Main boom sequence = 0-0-0-0-100-100 % LK = 29
 Counterweight = 32.6 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
	1(0)		2(...)		3(90)		6(...)						
	A	B	C	D	A	B	C	D	A	B	C	D	
23.0	23.8	47	47	47	47	46	48	47(59)	47	46	48	47	
		47	45	48	47(127)	46	46	48	48	45	47	47	48(232)
26.2	23.4	49	49	45	45	51	44	49	43(59)	50	42	50	44
		48	41	51	46(128)	44	44	50	50	41	48	46	51(232)
29.5	23.1	50	50	43	43	55	42	50	40(59)	54	39	53	42
		49	37	54	45(128)	42	42	52	52	37	49	45	54(232)

32.8	22.7	52	52	41	41	58	40	51	37(59)	56	35	55	39
		56	35	55	39(90)	40	40	53	53	35	56	39	55(270)
39.4	21.6	55	55	37	37	60	49	42	33(21)	62	29	59	34
		61	29	60	35(94)	36	36	56	56	29	61	35	60(265)
45.9	20.3	58	58	34	34	67	45	44	27(31)	67	24	63	30
		63	22	65	33(102)	33	33	59	59	22	63	34	65(257)
52.5	18.5	60	60	31	31	71	43	45	23(35)	70	20	65	27
		65	17	69	32(106)	30	30	61	61	17	64	32	69(253)
59.1	17.0	61	61	29	29	75	41	45	19(36)	73	16	67	24
		66	12	72	31(109)	27	27	63	63	12	65	31	72(250)
65.6	15.7	63	63	27	27	78	39	46	16(38)	76	12	70	21
		69	8	74	28(106)	25	25	64	64	8	69	28	74(253)
72.2	13.7	63	63	26	26	79	38	46	14(39)	76	10	70	20
		69	6	75	27(107)	24	24	65	65	6	69	27	75(252)
78.7	11.7	63	63	25	25	79	37	45	13(39)	76	9	70	19
		69	5	75	26(107)	23	23	65	65	5	69	27	75(252)
85.3	9.9	62	62	24	24	79	37	45	13(39)	76	9	70	19
		69	4	75	26(107)	22	22	64	64	4	68	26	75(252)
91.9	8.4	62	62	24	24	79	36	45	12(39)	76	8	70	18
		68	4	75	25(107)	22	22	64	64	4	68	26	75(252)
98.4	7.3	62	62	23	23	80	35	45	11(40)	76	7	70	17
		68	2	75	25(108)	21	21	64	64	2	68	26	75(251)
105.0	6.2	62	62	23	23	80	35	45	10(40)	76	6	70	17
		68	2	75	24(108)	20	20	64	64	1	68	25	76(251)
111.5	5.3	62	62	22	22	80	34	45	9(40)	77	5	71	16
		68	0	76	24(108)	20	20	65	65	0	68	24	76(251)
118.1	4.4	62	62	22	22	80	34	44	9(40)	77	5	71	16
		68	0	76	23(108)	19	19	65	65	0	67	24	77(251)
124.7	3.5	62	62	21	21	80	34	44	9(40)	77	4	70	15
		68	0	76	23(108)	19	19	64	64	0	67	23	76(251)
131.2	2.9	62	62	21	21	80	34	44	8(40)	77	4	71	15
		67	0	77	22(108)	19	19	64	64	0	66	22	77(251)
137.8	2.2	62	62	21	21	80	33	44	8(40)	77	4	71	15
		67	0	77	21(108)	18	18	64	64	0	66	22	78(251)

HA=100.4 HI= 55.8 GGW= 32.6 SL= 0.0 MAX(A,B,C,D)= 7.5 6.4 7.2 7.2

Main boom and fixed jib (jib angle 0.0 degrees)
Length of main boom = 110.2 ft Length of jib = 55.8 ft
Main boom sequence = 0-0-0-45-90-90 % LK = 36
Counterweight = 32.6 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
	1(0)		2(...)		3(90)		6(...)						
	4(...)		5(180)		6(...)								
	A	B	C	D	A	B	C	D	A	B	C	D	
26.2	23.1	49	49	45	45	51	44	49	43(59)	50	42	50	44
		48	41	51	46(128)	43	43	50	50	41	48	46	51(232)
29.5	22.9	51	51	43	43	55	42	50	40(59)	54	38	53	41
		49	37	55	45(128)	41	41	52	52	37	49	45	55(232)
32.8	22.5	52	52	41	41	59	40	51	37(59)	57	35	55	39
		57	35	55	39(90)	39	39	54	54	35	57	39	55(270)
39.4	21.6	56	56	37	37	62	48	43	32(23)	63	29	60	34
		62	28	61	35(95)	35	35	57	57	28	62	35	61(264)

45.9	20.7	59	59	33	33	69	44	45	26(33)	68	23	64	29
		64	20	67	33(104)	32	32	60	60	20	64	34	67(255)
52.5	19.6	62	62	30	30	75	41	47	20(38)	73	17	68	25
		66	13	72	31(108)	29	29	63	63	13	66	32	72(251)
59.1	18.7	64	64	27	27	81	39	47	15(39)	78	12	71	21
		71	8	76	28(107)	25	25	66	66	8	70	28	76(252)
65.6	15.7	63	63	26	26	80	38	46	15(39)	77	11	71	21
		70	7	75	27(107)	24	24	65	65	7	69	28	76(252)
72.2	13.2	63	63	25	25	80	38	46	14(39)	77	10	71	20
		69	6	75	26(107)	23	23	65	65	5	69	27	75(252)
78.7	11.0	62	62	25	25	79	37	45	13(39)	76	9	70	19
		69	5	75	26(107)	23	23	64	64	5	68	26	75(252)
85.3	9.5	63	63	24	24	80	37	45	12(39)	76	8	70	18
		69	4	75	25(107)	22	22	65	65	3	68	26	75(252)
91.9	7.9	62	62	23	23	79	36	45	11(39)	76	7	70	18
		69	3	75	25(107)	21	21	64	64	3	68	25	75(252)
98.4	6.8	62	62	23	23	80	35	45	10(40)	77	6	71	17
		69	1	76	24(108)	21	21	65	65	1	68	25	76(251)
105.0	5.7	62	62	22	22	80	34	45	10(40)	77	6	71	16
		69	1	76	24(108)	20	20	65	65	0	68	25	76(251)
111.5	4.9	63	63	22	22	81	34	45	9(40)	77	4	71	15
		68	0	77	23(108)	19	19	65	65	0	68	23	77(251)
118.1	3.7	62	62	22	22	80	34	44	9(40)	77	5	70	15
		68	0	76	23(108)	19	19	64	64	0	67	24	76(251)
124.7	3.1	62	62	21	21	81	34	44	8(40)	77	4	71	15
		67	0	78	22(108)	19	19	65	65	0	66	22	78(251)
131.2	2.2	62	62	21	21	80	33	44	8(40)	77	4	70	15
		67	0	77	22(108)	19	19	64	64	0	66	22	77(251)

 HA=110.2 HI= 55.8 GGW= 32.6 SL= 0.0 MAX(A,B,C,D)= 7.5 6.5 7.2 7.3

Main boom and fixed jib (jib angle 0.0 degrees)
 Length of main boom = 114.5 ft Length of jib = 55.8 ft
 Main boom sequence = 0-0-0-45-100-100 % LK = 37
 Counterweight = 32.6 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.			
		1(0)		2(...)		3(90)		6(...)					
		A	B	C	D	A	B	C	D				
26.2	22.5	48	48	45	45	50	44	49	43(59)	50	42	50	44
		48	41	51	46(128)	44	44	49	49	41	48	46	51(232)
29.5	22.3	50	50	43	43	54	42	50	40(59)	53	39	52	41
		49	37	54	45(128)	41	41	51	51	37	49	45	54(232)
32.8	21.8	52	52	41	41	58	40	50	37(59)	56	35	55	39
		56	35	55	39(90)	40	40	53	53	35	56	39	55(270)
39.4	20.9	55	55	37	37	60	49	42	33(21)	62	29	59	34
		61	29	60	35(94)	36	36	56	56	28	61	35	60(265)
45.9	20.3	58	58	33	33	68	45	44	26(32)	67	23	63	30
		64	21	66	33(103)	32	32	60	60	21	64	33	66(256)
52.5	19.0	61	61	30	30	74	41	46	21(37)	72	18	67	26
		65	15	71	32(108)	29	29	62	62	15	65	32	71(251)
59.1	17.6	63	63	28	28	78	41	45	17(37)	75	14	69	22
		69	10	73	28(105)	26	26	64	64	10	69	28	74(254)

65.6	15.7	63	63	26	26	80	38	46	15(39)	77	11	71	21
	70	7	75	27(107)		24	24	65	65	7	69	28	76(252)
72.2	13.2	63	63	25	25	80	38	46	14(39)	77	10	71	20
	69	6	75	26(107)		23	23	65	65	5	69	27	75(252)
78.7	11.0	63	63	25	25	79	37	45	13(39)	76	9	70	19
	69	5	75	26(107)		23	23	64	64	5	68	26	75(252)
85.3	9.5	63	63	24	24	80	37	45	12(39)	77	8	70	18
	69	4	75	25(107)		22	22	65	65	3	68	26	75(252)
91.9	7.9	62	62	23	23	79	36	45	11(39)	76	7	70	18
	69	3	75	25(107)		21	21	64	64	3	68	25	75(252)
98.4	6.8	62	62	23	23	80	35	45	10(40)	77	6	71	17
	69	1	76	24(108)		21	21	65	65	1	68	25	76(251)
105.0	5.7	62	62	22	22	80	34	45	10(40)	77	6	71	16
	69	1	76	24(108)		20	20	65	65	0	68	25	76(251)
111.5	4.9	63	63	22	22	81	34	45	9(40)	77	4	71	15
	68	0	77	23(108)		19	19	65	65	0	68	23	77(251)
118.1	3.7	62	62	22	22	80	34	44	9(40)	77	5	70	15
	68	0	76	23(108)		19	19	64	64	0	67	24	76(251)
124.7	2.9	62	62	21	21	80	34	44	9(40)	76	4	70	15
	67	0	76	23(108)		19	19	64	64	0	67	23	76(251)
131.2	2.2	62	62	21	21	80	33	44	8(40)	77	4	70	15
	67	0	77	22(108)		19	19	64	64	0	66	22	77(251)

 HA=114.5 HI= 55.8 GGW= 32.6 SL= 0.0 MAX(A,B,C,D)= 7.5 6.4 7.1 7.2

Main boom and fixed jib (jib angle 0.0 degrees)

Length of main boom = 124.3 ft Length of jib = 55.8 ft

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

Counterweight = 32.6 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.			
		1(0)		2(...)		3(90)		6(...)					
		4(...)	5(180)	A	B	C	D						
29.5	21.6	50	50	43	43	54	42	49	40(59)	53	38	52	41
	49	37	54	45(128)		41	41	51	51	37	49	45	54(232)
32.8	21.4	52	52	41	41	58	40	50	37(59)	56	35	55	39
	56	35	55	39(90)		39	39	53	53	35	56	39	55(270)
39.4	20.7	55	55	37	37	61	48	43	33(23)	62	29	60	34
	61	28	60	35(95)		35	35	57	57	28	61	35	60(264)
45.9	19.8	58	58	33	33	69	44	45	26(33)	67	23	63	29
	64	20	66	33(104)		32	32	60	60	20	63	34	66(255)
52.5	19.2	62	62	30	30	75	41	46	20(38)	73	17	68	25
	66	13	72	32(109)		28	28	63	63	13	66	32	72(250)
59.1	18.3	64	64	26	26	81	39	47	15(39)	78	12	71	21
	71	7	76	28(107)		25	25	66	66	7	70	28	76(252)
65.6	15.2	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)
72.2	12.8	63	63	25	25	80	37	46	13(39)	77	9	71	19
	69	5	75	26(107)		23	23	65	65	5	69	27	76(252)
78.7	10.6	63	63	24	24	79	37	45	13(39)	76	9	70	19
	69	4	75	26(107)		22	22	65	65	4	68	26	75(252)
85.3	9.0	63	63	24	24	80	36	45	12(39)	77	7	71	18
	69	3	75	25(107)		22	22	65	65	3	69	25	76(252)

91.9	7.5	62	62	23	23	80	35	45	11(40)	77	7	70	17
		68	2	75	25(108)	21	21	64	64	2	68	26	76(251)
98.4	6.4	63	63	22	22	80	35	45	10(40)	77	6	71	16
		69	1	76	24(108)	20	20	65	65	1	68	25	76(251)
105.0	5.3	63	63	22	22	81	34	45	9(40)	77	5	71	16
		69	0	76	24(108)	20	20	65	65	0	68	24	77(251)
111.5	4.2	62	62	22	22	80	34	44	9(40)	77	5	71	16
		68	0	76	23(108)	19	19	65	65	0	67	24	77(251)
118.1	3.3	62	62	21	21	80	34	44	8(40)	77	4	71	15
		67	0	77	22(108)	19	19	65	65	0	67	22	77(251)
124.7	2.4	62	62	21	21	80	33	44	8(40)	77	4	71	15
		67	0	77	22(108)	19	19	64	64	0	66	22	77(251)

HA=124.3 HI= 55.8 GGW= 32.6 SL= 0.0 MAX(A,B,C,D)= 7.5 6.5 7.1 7.2

Main boom and fixed jib (jib angle 0.0 degrees)

Length of main boom = 130.9 ft Length of jib = 55.8 ft

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

Counterweight = 32.6 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.			
		1(0)		2(...)		3(90)		6(...)					
		4(...)		5(180)		6(...)							
		A	B	C	D	A	B	C	D				
32.8	20.3	51	51	41	41	56	40	50	37(59)	55	36	54	39
		55	36	54	39(90)	40	40	52	52	36	55	39	54(270)
39.4	19.8	55	55	37	37	59	49	42	34(20)	61	29	58	34
		61	29	59	35(92)	36	36	56	56	29	60	35	59(267)
45.9	19.2	58	58	34	34	67	45	44	27(31)	67	23	63	30
		63	21	65	33(103)	32	32	59	59	21	63	34	65(256)
52.5	18.5	61	61	30	30	74	41	46	21(37)	72	18	67	26
		66	14	71	32(108)	29	29	62	62	14	65	32	71(251)
59.1	17.4	63	63	27	27	79	40	46	16(38)	76	13	70	22
		70	9	74	28(106)	26	26	65	65	9	69	28	75(253)
65.6	15.2	64	64	26	26	80	38	46	14(39)	77	10	71	20
		70	6	76	27(107)	24	24	65	65	6	69	27	76(252)
72.2	12.6	63	63	25	25	80	37	45	13(39)	77	10	70	19
		69	5	75	26(107)	23	23	65	65	5	69	27	75(252)
78.7	10.6	63	63	24	24	80	37	45	13(39)	77	9	70	19
		69	4	75	26(107)	22	22	65	65	4	69	26	75(252)
85.3	8.8	62	62	24	24	79	36	45	12(39)	76	8	70	18
		69	3	75	25(107)	22	22	64	64	3	68	26	75(252)
91.9	7.5	62	62	23	23	80	35	45	11(40)	77	7	71	17
		69	2	76	25(108)	21	21	65	65	2	68	25	76(251)
98.4	6.2	62	62	22	22	80	35	45	10(40)	77	6	70	17
		68	1	76	24(108)	20	20	64	64	1	68	25	76(251)
105.0	5.3	63	63	22	22	81	34	45	9(40)	77	5	71	16
		69	0	77	23(108)	19	19	65	65	0	68	24	77(251)
111.5	4.2	62	62	21	21	81	34	44	9(40)	77	4	71	15
		68	0	77	23(108)	19	19	65	65	0	67	23	77(251)
118.1	3.1	62	62	21	21	80	34	44	9(40)	76	4	70	15
		67	0	76	23(108)	19	19	64	64	0	67	23	76(251)
124.7	2.4	62	62	21	21	81	33	44	8(40)	77	4	71	15
		67	0	78	21(108)	18	18	65	65	0	66	22	78(251)

HA=130.9 HI= 55.8 GGW= 32.6 SL= 0.0 MAX(A,B,C,D)= 7.5 6.5 7.2 7.3

Main boom and fixed jib (jib angle 0.0 degrees)
Length of main boom = 138.1 ft Length of jib = 55.8 ft
Main boom sequence = 0-0-45-90-90-90 % LK = 54
Counterweight = 32.6 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]								(Pos.[Degrees])				0-360 Degr.
	1(0)		2(...)				3(90)						
	4(...)		5(180)				6(...)						
A	B	C	D	A	B	C	D	A	B	C	D		
32.8	20.5	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)
39.4	20.1	55	55	36	36	61	48	42	32(23)	62	28	60	34
		61	27	61	35(96)	35	35	57	57	27	61	35	61(263)
45.9	19.4	59	59	33	33	69	44	45	25(33)	68	22	64	29
		64	19	67	33(104)	31	31	60	60	19	64	33	67(255)
52.5	18.7	62	62	29	29	76	42	45	19(36)	74	16	68	24
		67	12	73	31(109)	28	28	63	63	12	66	32	73(250)
59.1	16.8	63	63	27	27	79	40	46	16(38)	76	12	70	22
		70	8	75	28(106)	25	25	65	65	8	69	28	75(253)
65.6	14.1	63	63	26	26	79	38	46	14(39)	77	11	70	20
		69	6	75	27(107)	24	24	65	65	6	69	28	75(252)
72.2	11.7	63	63	25	25	79	37	45	13(39)	76	9	70	19
		69	5	75	26(107)	23	23	65	65	5	68	27	75(252)
78.7	9.7	62	62	24	24	79	37	45	13(39)	76	9	70	19
		69	4	75	26(107)	22	22	64	64	4	68	26	75(252)
85.3	8.2	62	62	23	23	80	35	45	11(40)	77	7	70	18
		68	3	75	25(108)	21	21	65	65	2	68	26	76(251)
91.9	6.6	62	62	23	23	80	35	45	11(40)	76	7	70	17
		68	2	75	25(108)	21	21	64	64	2	68	25	75(251)
98.4	5.5	62	62	22	22	80	34	45	10(40)	77	5	71	16
		69	1	76	24(108)	20	20	65	65	0	68	24	76(251)
105.0	4.4	62	62	22	22	80	34	44	9(40)	77	5	71	16
		68	0	76	23(108)	19	19	65	65	0	67	24	77(251)
111.5	3.3	62	62	21	21	80	34	44	9(40)	77	4	71	15
		68	0	76	23(108)	19	19	64	64	0	67	23	77(251)
118.1	2.4	62	62	21	21	80	33	44	8(40)	77	4	71	15
		67	0	77	22(108)	19	19	64	64	0	66	22	78(251)

HA=138.1 HI= 55.8 GGW= 32.6 SL= 0.0 MAX(A,B,C,D)= 7.5 6.4 7.2 7.2

Main boom and fixed jib (jib angle 0.0 degrees)
Length of main boom = 145.0 ft Length of jib = 55.8 ft
Main boom sequence = 0-0-45-100-100-100 % LK = 55
Counterweight = 32.6 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]								(Pos.[Degrees])				0-360 Degr.
	1(0)		2(...)				3(90)						
	4(...)		5(180)				6(...)						
A	B	C	D	A	B	C	D	A	B	C	D		
39.4	19.0	54	54	37	37	59	48	42	33(20)	61	29	58	34
		60	29	59	35(93)	35	35	56	56	28	60	35	59(266)

45.9	18.5	58	58	33	33	67	44	44	26(32)	67	23	63	30
		63	21	65	33(103)	32	32	59	59	20	63	33	66(256)
52.5	17.9	61	61	30	30	75	41	46	20(38)	72	17	67	25
		66	13	71	31(108)	28	28	62	62	13	65	32	71(251)
59.1	16.3	63	63	27	27	78	40	46	17(38)	75	13	69	22
		69	9	74	28(106)	26	26	64	64	9	69	28	74(253)
65.6	13.7	63	63	26	26	78	39	45	15(38)	76	11	70	21
		69	7	74	27(106)	24	24	64	64	7	69	27	74(253)
72.2	11.5	62	62	25	25	79	37	45	14(39)	76	10	70	20
		69	6	74	26(107)	23	23	64	64	6	68	27	75(252)
78.7	9.5	62	62	24	24	79	37	45	13(39)	76	9	70	19
		68	4	74	26(107)	22	22	64	64	4	68	26	75(252)
85.3	7.9	62	62	24	24	79	36	45	12(39)	76	8	70	18
		69	3	75	25(107)	21	21	64	64	3	68	25	75(252)
91.9	6.4	62	62	23	23	79	36	44	11(39)	76	7	70	17
		68	3	75	24(107)	21	21	64	64	2	68	25	75(252)
98.4	5.3	62	62	22	22	80	34	45	10(40)	76	6	70	17
		68	1	75	24(108)	20	20	64	64	1	67	25	76(251)
105.0	4.2	62	62	22	22	80	34	44	9(40)	76	5	70	16
		68	0	75	24(108)	20	20	64	64	0	67	24	76(251)
111.5	3.1	62	62	22	22	80	34	44	9(40)	76	5	70	16
		68	0	75	24(108)	19	19	64	64	0	67	24	76(251)
118.1	2.2	62	62	21	21	80	34	44	9(40)	76	4	70	15
		67	0	76	22(108)	19	19	64	64	0	66	23	76(251)

 HA=145.0 HI= 55.8 GGW= 32.6 SL= 0.0 MAX(A,B,C,D)= 7.4 6.4 7.0 7.1

Main boom and fixed jib (jib angle 0.0 degrees)
 Length of main boom = 152.2 ft Length of jib = 55.8 ft
 Main boom sequence = 0-0-90-90-90-90 % LK = 62
 Counterweight = 32.6 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
	1(0)		2(...)		3(90)		6(...)						
	A	B	C	D	A	B	C	D	A	B	C	D	
39.4	19.0	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)
45.9	18.5	59	59	32	32	69	44	44	25(33)	68	22	64	29
		64	19	67	32(104)	31	31	60	60	19	63	33	67(255)
52.5	17.9	62	62	29	29	75	42	45	19(36)	73	16	68	24
		66	12	72	31(109)	28	28	63	63	12	66	31	73(250)
59.1	15.2	62	62	27	27	77	40	45	17(37)	75	13	69	22
		69	9	73	28(105)	26	26	64	64	9	68	28	73(254)
65.6	12.6	62	62	26	26	77	39	45	15(38)	75	12	69	21
		68	8	73	27(106)	24	24	64	64	7	68	28	73(253)
72.2	10.4	62	62	25	25	77	38	45	14(38)	75	10	69	20
		68	6	73	26(106)	23	23	63	63	6	68	27	73(253)
78.7	8.4	61	61	25	25	77	37	44	13(38)	75	9	69	19
		68	5	73	26(106)	22	22	63	63	5	67	26	73(253)
85.3	6.8	61	61	24	24	78	36	44	12(39)	75	8	69	18
		67	4	74	25(107)	22	22	63	63	4	67	26	74(252)
91.9	5.5	61	61	23	23	78	35	44	11(39)	75	7	69	17
		68	3	74	24(107)	21	21	64	64	3	67	25	74(252)

98.4 4.2 61 61 23 23 78 35 44 11(39) 75 7 69 17
 67 2 74 24(107) 21 21 63 63 2 67 25 74(252)
 105.0 3.1 61 61 22 22 78 35 43 10(39) 75 6 69 17
 67 1 74 24(107) 20 20 63 63 1 67 24 74(252)
 111.5 2.2 61 61 22 22 79 34 44 9(40) 75 5 69 16
 67 0 75 24(108) 19 19 63 63 0 67 24 75(251)

 HA=152.2 HI= 55.8 GGW= 32.6 SL= 0.0 MAX(A,B,C,D)= 7.3 6.3 6.9 6.9

Main boom and fixed jib (jib angle 0.0 degrees)
 Length of main boom = 161.4 ft Length of jib = 55.8 ft
 Main boom sequence = 0-0-100-100-100-100 % LK = 63
 Counterweight = 32.6 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.			
		1(0)		2(...)		3(90)		6(...)					
		4(...)		5(180)		6(...)							
		A	B	C	D	A	B	C	D	A	B	C	D
45.9	17.4	58	58	33	33	67	44	44	26(32)	66	23	63	29
		63	21	65	33(103)	32	32	59	59	20	62	33	65(256)
52.5	17.0	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)
59.1	14.6	61	61	28	28	76	40	45	18(37)	73	14	68	23
		66	10	73	30(110)	26	26	63	63	10	65	31	73(249)
65.6	12.1	61	61	26	26	77	39	45	16(38)	74	12	68	21
		68	8	73	27(106)	25	25	63	63	8	67	28	73(253)
72.2	9.9	61	61	26	26	77	38	44	15(38)	74	11	68	20
		67	7	73	26(106)	24	24	63	63	7	67	27	73(253)
78.7	8.2	61	61	25	25	77	37	44	14(38)	74	9	69	19
		68	6	73	26(106)	23	23	63	63	5	67	26	73(253)
85.3	6.4	61	61	24	24	77	37	44	13(38)	74	9	68	19
		67	5	73	25(106)	22	22	63	63	5	67	26	73(253)
91.9	5.1	61	61	24	24	77	35	44	12(39)	74	8	69	18
		67	4	73	25(107)	21	21	63	63	3	66	25	73(252)
98.4	4.0	61	61	23	23	78	35	44	11(39)	75	7	69	17
		67	2	74	24(107)	21	21	63	63	2	67	25	74(252)
105.0	2.9	61	61	22	22	78	35	43	11(39)	75	6	69	17
		67	2	74	24(107)	20	20	63	63	2	67	24	74(252)

 HA=161.4 HI= 55.8 GGW= 32.6 SL= 0.0 MAX(A,B,C,D)= 7.2 6.2 6.9 6.9

Main boom and fixed jib (jib angle 0.0 degrees)
 Length of main boom = 166.0 ft Length of jib = 55.8 ft
 Main boom sequence = 0-45-90-90-90-90 % LK = 68
 Counterweight = 32.6 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.			
		1(0)		2(...)		3(90)		6(...)					
		4(...)		5(180)		6(...)							
		A	B	C	D	A	B	C	D	A	B	C	D
45.9	17.9	59	59	32	32	70	43	45	24(34)	68	21	64	28
		64	18	67	32(105)	30	30	60	60	18	63	33	67(254)
52.5	16.3	61	61	29	29	74	41	45	20(36)	72	16	67	24
		65	12	71	31(109)	28	28	62	62	12	65	31	72(250)

59.1 13.2 61 61 28 28 75 40 44 18(36) 73 14 67 23
 65 10 72 30(109) 26 26 62 62 10 65 30 72(250)
 65.6 10.8 61 61 27 27 75 39 44 16(37) 73 12 67 22
 67 9 71 27(105) 25 25 63 63 9 67 27 72(254)
 72.2 8.6 60 60 26 26 75 38 44 15(37) 73 11 67 21
 67 7 71 26(105) 24 24 62 62 7 67 27 72(254)
 78.7 6.8 60 60 25 25 76 37 44 14(38) 73 10 68 20
 67 6 72 26(106) 23 23 62 62 6 66 26 72(253)
 85.3 5.3 60 60 24 24 76 36 43 13(38) 73 9 68 19
 67 5 72 25(106) 22 22 62 62 5 66 26 72(253)
 91.9 4.0 60 60 24 24 77 35 44 12(39) 73 8 68 18
 66 4 73 25(107) 21 21 63 63 4 66 25 73(252)
 98.4 2.9 60 60 23 23 77 35 43 11(39) 74 7 68 17
 67 2 73 24(107) 21 21 63 63 2 66 25 73(252)

 HA=166.0 HI= 55.8 GGW= 32.6 SL= 0.0 MAX(A,B,C,D)= 7.1 6.2 6.8 6.8

Main boom and fixed jib (jib angle 0.0 degrees)

Length of main boom = 175.5 ft Length of jib = 55.8 ft
 Main boom sequence = 0-45-100-100-100-100 % LK = 69
 Counterweight = 32.6 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
		1(0)		2(...)		3(90)		4(...)						
		A	B	C	D	A	B	C	D		A	B	C	D
45.9	16.8	58	58	33	33	68	43	44	25(33)	67	22	63	29	
		63	19	66	32(104)	31	31	59	59	19	63	33	66(255)	
52.5	15.9	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)	
59.1	12.8	60	60	28	28	74	40	44	19(36)	72	15	67	23	
		65	11	71	30(109)	26	26	62	62	11	64	30	71(250)	
65.6	10.4	60	60	27	27	74	39	44	17(37)	72	13	67	22	
		67	9	71	27(105)	25	25	62	62	9	66	28	71(254)	
72.2	8.4	60	60	26	26	75	38	43	15(37)	73	11	67	21	
		67	8	71	26(105)	24	24	62	62	7	66	27	71(254)	
78.7	6.4	60	60	25	25	75	37	43	15(37)	72	11	67	20	
		66	7	71	26(105)	23	23	62	62	7	66	26	71(254)	
85.3	5.1	60	60	24	24	76	36	43	13(38)	73	9	68	19	
		66	5	72	25(106)	22	22	62	62	5	66	26	72(253)	
91.9	3.7	60	60	24	24	76	36	43	13(38)	73	8	68	18	
		67	4	72	24(106)	21	21	62	62	4	66	25	72(253)	
98.4	2.4	60	60	23	23	76	35	43	12(38)	73	8	67	18	
		66	4	72	24(106)	21	21	62	62	4	66	25	72(253)	

 HA=175.5 HI= 55.8 GGW= 32.6 SL= 0.0 MAX(A,B,C,D)= 7.0 6.2 6.7 6.7

Main boom and fixed jib (jib angle 0.0 degrees)

Length of main boom = 180.1 ft Length of jib = 55.8 ft
 Main boom sequence = 0-90-90-90-90-90 % LK = 73
 Counterweight = 32.6 kip

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

	4(...)				5(180)				6(...)				
	A	B	C	D	A	B	C	D	A	B	C	D	
	45.9	17.0	59	59	32	32	70	43	44	24(34)	68	20	64
		64	17	67	32(105)	30	30	60	60	17	63	32	67(254)
52.5	14.6	60	60	29	29	73	40	45	20(37)	71	17	66	25
		64	13	70	31(108)	28	28	62	62	13	64	31	70(251)
59.1	11.5	59	59	28	28	72	40	43	19(35)	71	15	66	24
		64	11	70	30(108)	26	26	61	61	11	64	30	70(251)
65.6	9.3	60	60	27	27	73	39	43	17(36)	71	13	66	22
		66	10	70	27(104)	25	25	62	62	9	66	27	70(255)
72.2	7.1	59	59	26	26	73	38	43	16(37)	71	12	66	21
		66	8	70	26(105)	24	24	61	61	8	65	27	70(254)
78.7	5.3	59	59	25	25	74	37	43	15(37)	71	11	66	20
		66	7	70	26(105)	23	23	61	61	7	65	26	71(254)
85.3	4.0	59	59	24	24	75	36	43	14(38)	72	9	67	19
		66	6	71	25(106)	22	22	62	62	5	65	26	71(253)
91.9	2.6	59	59	24	24	75	36	43	13(38)	72	8	67	19
		66	4	71	25(106)	21	21	62	62	4	65	25	71(253)

HA=180.1 HI= 55.8 GGW= 32.6 SL= 0.0 MAX(A,B,C,D)= 7.0 6.1 6.6 6.6

Main boom and fixed jib (jib angle 0.0 degrees)

Length of main boom = 191.9 ft Length of jib = 55.8 ft
 Main boom sequence = 0-100-100-100-100-100 % LK = 74
 Counterweight = 32.6 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
	1(0)				2(...)					3(90)			
	4(...)				5(180)								
	A	B	C	D	A	B	C	D	A	B	C	D	
52.5	13.7	59	59	30	30	71	41	44	21(36)	69	17	65	25
		64	14	69	31(107)	28	28	61	61	14	63	31	69(252)
59.1	10.8	59	59	28	28	71	40	43	20(35)	70	16	65	24
		63	12	69	30(108)	27	27	61	61	12	63	30	69(251)
65.6	8.6	59	59	27	27	72	39	43	18(36)	70	14	66	22
		63	10	70	29(109)	25	25	61	61	10	63	30	70(250)
72.2	6.6	59	59	26	26	73	38	43	17(36)	71	12	66	21
		65	9	69	26(104)	24	24	61	61	9	65	27	70(255)
78.7	4.9	59	59	26	26	73	37	43	15(37)	71	11	66	21
		65	8	70	26(105)	23	23	61	61	7	65	26	70(254)
85.3	3.3	58	58	25	25	73	37	43	15(37)	71	10	66	20
		65	7	70	25(105)	22	22	61	61	7	65	26	70(254)

HA=191.9 HI= 55.8 GGW= 32.6 SL= 0.0 MAX(A,B,C,D)= 6.8 6.1 6.5 6.5

Main boom and fixed jib (jib angle 0.0 degrees)

Length of main boom = 193.9 ft Length of jib = 55.8 ft
 Main boom sequence = 45-90-90-90-90-90 % LK = 76
 Counterweight = 32.6 kip

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

52.5 12.3 58 58 30 30 71 40 44 21(36) 69 17 64 25
 63 14 68 31(107) 28 28 60 60 14 63 31 68(252)
 59.1 9.5 58 58 28 28 71 40 43 20(35) 69 16 65 24
 63 12 69 30(108) 26 26 60 60 12 62 30 69(251)
 65.6 7.3 58 58 27 27 71 39 42 18(35) 69 14 65 22
 63 10 69 29(109) 25 25 60 60 10 62 30 69(250)
 72.2 5.3 58 58 26 26 72 38 42 17(36) 70 12 65 22
 65 9 69 26(104) 24 24 60 60 9 64 27 69(255)
 78.7 3.5 58 58 26 26 72 37 42 16(36) 70 11 65 21
 65 8 69 26(104) 23 23 60 60 8 64 26 69(255)

 HA=193.9 HI= 55.8 GGW= 32.6 SL= 0.0 MAX(A,B,C,D)= 6.7 6.0 6.4 6.5

Main boom and fixed jib (jib angle 0.0 degrees)
 Length of main boom = 205.7 ft Length of jib = 55.8 ft
 Main boom sequence = 45-100-100-100-100-100 % LK = 77
 Counterweight = 32.6 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
	1(0)		2(...)		3(90)		6(...)						
	A	B	C	D	A	B	C	D	A	B	C	D	
52.5	11.7	58	58	30	30	69	41	43	22(35)	68	18	64	26
		63	15	67	31(106)	28	28	60	60	15	62	31	67(253)
59.1	8.8	58	58	29	29	70	39	43	20(36)	68	16	64	24
		62	13	67	30(107)	27	27	60	60	13	62	30	68(252)
65.6	6.6	58	58	28	28	70	39	42	19(35)	68	15	64	23
		62	11	68	29(108)	26	26	60	60	11	62	30	68(251)
72.2	4.9	58	58	27	27	71	38	42	17(36)	69	13	65	22
		64	10	68	27(104)	24	24	60	60	9	64	27	68(255)
78.7	3.1	58	58	26	26	71	37	42	16(36)	69	12	65	21
		64	9	68	26(104)	24	24	60	60	9	64	26	68(255)

 HA=205.7 HI= 55.8 GGW= 32.6 SL= 0.0 MAX(A,B,C,D)= 6.6 5.9 6.3 6.3

HA=205.7 HI= 55.8 GGW= 32.6 SL= 0.0 MAX(A,B,C,D)= 0.0 0.0 0.0 0.0

HA=205.7 HI= 55.8 GGW= 32.6 SL= 0.0 MAX(A,B,C,D)= 0.0 0.0 0.0 0.0

Programm L A M O S 9 9 Version 1.08 vom 29.09.02
 14.10.2003, 15:37:22
 Eingabedatei: ilam.dat
 Festdatei : /berechnung/tabellen/zentraledaten/lamosfd-ac/200-1.99dat
 Tabellendat.: /berechnung/tabellen/ac/ac200-1/serie_3/pc_tab/22137312_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 = 55.8 ft
 Main boom sequence = 0-0-0-0-0-0 % LK = 1
 Counterweight = 32.6 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.			
	1(0)				2(...)							
	4(...)				5(180)				6(...)			
	A	B	C	D	A	B	C	D	A	B	C	D
29.5 21.2	45	45	47	47	45	46	47	47(59)	45	46	47	47
	45	46	47	47(127)	46	46	47	47	46	45	47	47(232)
32.8 20.3	47	47	45	45	48	44	47	44(59)	48	43	48	45
	46	43	49	46(128)	44	44	48	48	43	46	46	49(232)
39.4 18.5	49	49	42	42	53	41	49	39(59)	52	38	51	41
	48	37	53	45(128)	41	41	50	50	37	48	45	53(232)
45.9 17.2	51	51	39	39	51	51	39	39(0)	56	33	55	37
	56	33	55	37(90)	37	37	53	53	33	56	37	55(270)
52.5 16.1	54	54	36	36	59	47	41	32(21)	60	28	58	33
	60	28	58	34(93)	34	34	55	55	27	59	34	58(266)
59.1 15.0	56	56	34	34	64	45	42	28(29)	64	24	61	30
	61	22	63	33(101)	32	32	57	57	22	61	33	63(258)
65.6 14.1	58	58	31	31	69	41	44	23(35)	68	19	64	27
	63	16	67	31(106)	29	29	60	60	16	62	32	67(253)
72.2 13.4	60	60	28	28	74	40	44	19(36)	72	15	67	23
	65	11	71	30(109)	26	26	62	62	11	64	30	71(250)
78.7 12.6	62	62	26	26	78	38	45	14(38)	75	11	69	20
	69	7	74	26(106)	24	24	64	64	6	68	27	74(253)

HA= 40.7 HI= 55.8 GGW= 32.6 SL= 0.0 MAX(A,B,C,D)= 7.3 6.3 6.9 6.9

Main boom and fixed jib (jib angle 20.0 degrees)
 Length of main boom = 54.5 ft Length of jib = 55.8 ft
 Main boom sequence = 0-0-0-0-0-45 % LK = 7
 Counterweight = 32.6 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.			
	1(0)				2(...)							
	4(...)				5(180)				6(...)			
	A	B	C	D	A	B	C	D	A	B	C	D
32.8 20.5	47	47	45	45	48	44	47	44(59)	48	43	48	45
	46	43	49	46(128)	44	44	48	48	43	46	46	49(232)
39.4 19.0	49	49	42	42	53	41	49	39(59)	52	38	52	41
	48	37	53	45(128)	41	41	50	50	37	48	45	53(232)
45.9 17.6	51	51	39	39	52	51	39	39(1)	56	33	55	37
	56	33	55	37(90)	37	37	53	53	33	56	37	55(270)
52.5 16.5	54	54	36	36	59	47	41	32(21)	60	28	58	34
	60	28	58	34(93)	35	35	55	55	27	60	34	59(266)
59.1 15.4	56	56	34	34	64	45	42	28(29)	64	24	61	30
	61	22	63	33(101)	32	32	58	58	22	61	33	63(258)

65.6 14.8 58 58 31 31 70 41 44 22(35) 68 19 64 27
63 16 67 31(106) 29 29 60 60 16 63 32 67(253)
72.2 13.9 60 60 28 28 74 40 44 19(36) 72 15 67 24
65 11 71 30(109) 26 26 62 62 11 64 31 71(250)
78.7 13.0 62 62 26 26 78 38 45 15(38) 75 11 69 21
69 7 73 27(106) 24 24 64 64 7 68 27 74(253)
85.3 11.0 62 62 25 25 78 38 45 14(38) 75 10 69 20
68 6 73 26(106) 23 23 64 64 6 68 27 74(253)
91.9 9.5 62 62 24 24 78 37 45 13(39) 75 9 69 19
68 5 74 26(107) 22 22 64 64 4 67 26 74(252)

HA= 54.5 HI= 55.8 GGW= 32.6 SL= 0.0 MAX(A,B,C,D)= 7.3 6.3 6.9 6.9

Main boom and fixed jib (jib angle 20.0 degrees)
Length of main boom = 68.6 ft Length of jib = 55.8 ft
Main boom sequence = 0-0-0-0-0-90 % LK = 13
Counterweight = 32.6 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.
	1(0)		2(...)		3(90)		6(...)		
	A	B	C	D	A	B	C	D	
39.4 18.7	49	49	42	42	53	41	49	40(59)	52 38 51 41
	48	37	53	45(128)	41	41	50	50	37 48 45 53(232)
45.9 17.6	51	51	39	39	58	38	50	35(59)	56 33 55 37
	56	33	55	37(90)	38	38	53	53	33 56 37 55(270)
52.5 16.5	54	54	36	36	58	48	41	33(20)	60 28 58 34
	60	28	58	34(92)	35	35	55	55	28 60 34 58(267)
59.1 15.4	56	56	34	34	64	45	43	28(29)	63 24 60 30
	61	22	62	33(100)	32	32	57	57	22 61 33 62(259)
65.6 14.3	57	57	32	32	68	43	43	24(33)	67 21 63 28
	63	18	66	32(104)	30	30	59	59	18 62 32 66(255)
72.2 13.2	59	59	29	29	71	40	45	21(37)	69 17 65 25
	64	14	69	30(107)	28	28	61	61	13 63 31 69(252)
78.7 12.1	60	60	28	28	74	40	44	18(36)	72 14 67 23
	65	10	71	30(109)	26	26	62	62	10 64 30 71(250)
85.3 11.2	62	62	26	26	77	38	45	15(38)	74 11 69 21
	68	7	73	26(106)	24	24	63	63	7 67 27 73(253)
91.9 9.7	62	62	25	25	77	37	44	14(38)	75 10 69 20
	68	6	73	26(106)	23	23	63	63	6 67 26 73(253)
98.4 8.4	62	62	24	24	78	36	45	13(39)	75 9 69 19
	68	4	74	26(107)	22	22	64	64	4 67 26 74(252)
105.0 7.3	62	62	23	23	79	36	44	11(39)	76 7 70 18
	68	3	75	25(107)	21	21	64	64	3 68 25 75(252)
111.5 6.2	62	62	22	22	80	35	45	10(40)	76 6 70 17
	68	1	75	24(108)	20	20	64	64	1 67 25 76(251)

HA= 68.6 HI= 55.8 GGW= 32.6 SL= 0.0 MAX(A,B,C,D)= 7.4 6.3 7.0 7.0

Main boom and fixed jib (jib angle 20.0 degrees)
Length of main boom = 70.2 ft Length of jib = 55.8 ft
Main boom sequence = 0-0-0-0-0-100 % LK = 14
Counterweight = 32.6 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]								(Pos.[Degrees])				0-360 Degr.						
	1(0)				2(...)				3(90)										
	4(...)				5(180)				6(...)										
	A	B	C	D	A	B	C	D	A	B	C	D							
39.4	18.7	49	49	42	42	52	41	49	40	(59)	52	38	51	41					
		48	37	53	45	(128)	41	41	50	50		37	48	45	53	(232)			
45.9	16.8	50	50	40	40	56	39	49	36	(59)	54	34	54	38					
		54	34	54	38	(90)	38	38	52	52		34	54	38	54	(270)			
52.5	15.2	52	52	37	37	54	49	40	35	(12)	57	30	56	35					
		57	30	56	35	(90)	36	36	54	54		30	57	35	56	(270)			
59.1	13.7	53	53	35	35	59	46	41	31	(22)	60	27	58	33					
		59	26	58	33	(94)	34	34	55	55		26	59	34	58	(265)			
65.6	12.6	55	55	33	33	63	44	42	28	(28)	63	24	60	30					
		60	22	62	32	(100)	31	31	56	56		22	60	32	62	(259)			
72.2	11.5	56	56	31	31	66	42	42	24	(32)	65	21	62	28					
		62	18	64	31	(103)	30	30	58	58		18	61	31	64	(256)			
78.7	10.6	57	57	30	30	69	40	44	21	(36)	67	17	63	25					
		62	14	67	30	(106)	28	28	59	59		14	62	30	67	(253)			
85.3	9.7	59	59	28	28	71	40	43	19	(35)	70	15	65	23					
		63	11	69	29	(108)	26	26	61	61		11	63	30	69	(251)			
91.9	9.0	60	60	26	26	75	38	44	16	(37)	72	12	67	21					
		67	8	71	26	(105)	24	24	62	62		8	66	27	71	(254)			
98.4	8.4	62	62	24	24	78	36	45	13	(39)	75	9	69	19					
		68	5	74	26	(107)	22	22	63	63		4	67	26	74	(252)			
105.0	7.3	62	62	23	23	79	36	44	12	(39)	76	7	70	18					
		68	3	74	25	(107)	21	21	64	64		3	68	25	75	(252)			
111.5	6.2	62	62	23	23	79	35	45	11	(40)	76	6	70	17					
		68	2	75	25	(108)	21	21	64	64		2	67	25	75	(251)			

HA= 70.2 HI= 55.8 GGW= 32.6 SL= 0.0 MAX(A,B,C,D)= 7.4 6.3 7.0 7.0

Main boom and fixed jib (jib angle 20.0 degrees)
Length of main boom = 82.3 ft Length of jib = 55.8 ft
Main boom sequence = 0-0-0-0-45-90 % LK = 20
Counterweight = 32.6 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]								(Pos.[Degrees])				0-360 Degr.						
	1(0)				2(...)				3(90)										
	4(...)				5(180)				6(...)										
	A	B	C	D	A	B	C	D	A	B	C	D							
39.4	18.7	49	49	42	42	53	41	49	40	(59)	52	38	51	41					
		48	37	53	45	(128)	41	41	50	50		37	48	45	53	(232)			
45.9	17.6	51	51	39	39	52	51	39	39	(1)	56	33	55	37					
		56	33	55	37	(90)	37	37	53	53		33	56	37	55	(270)			
52.5	16.8	54	54	36	36	59	47	41	32	(22)	61	28	58	33					
		60	27	59	34	(94)	35	35	56	56		27	60	34	59	(265)			
59.1	15.7	56	56	34	34	65	44	43	27	(30)	64	24	61	30					
		62	22	63	33	(101)	32	32	58	58		22	61	33	63	(258)			
65.6	14.8	58	58	31	31	69	42	44	23	(35)	68	19	64	27					
		63	16	67	32	(106)	29	29	60	60		16	63	32	67	(253)			
72.2	13.9	60	60	28	28	73	41	44	19	(36)	71	15	66	24					
		64	12	71	30	(109)	27	27	62	62		11	64	31	71	(250)			
78.7	13.0	62	62	26	26	77	39	45	16	(38)	75	12	69	21					
		68	8	73	27	(106)	24	24	63	63		8	68	28	73	(253)			

85.3	11.2	62	62	26	26	77	38	45	15(38)	75	11	69	20
		68	7	73	26(106)	24	24	64	64	7	68	27	73(253)
91.9	9.7	62	62	25	25	78	37	44	14(38)	75	10	69	19
		68	6	73	26(106)	23	23	64	64	5	68	26	74(253)
98.4	8.4	62	62	24	24	78	36	45	13(39)	75	9	69	19
		68	4	74	26(107)	22	22	64	64	4	67	26	74(252)
105.0	7.3	62	62	23	23	79	36	44	11(39)	76	7	70	18
		68	3	75	25(107)	21	21	64	64	3	68	25	75(252)
111.5	6.2	62	62	23	23	79	35	45	11(40)	76	6	70	17
		68	2	75	25(108)	21	21	64	64	2	67	25	75(251)
118.1	5.3	62	62	22	22	80	34	45	9(40)	77	5	71	16
		68	0	76	24(108)	20	20	65	65	0	68	24	76(251)
124.7	4.4	62	62	21	21	81	34	44	8(40)	77	4	71	15
		68	0	77	22(108)	19	19	65	65	0	67	23	78(251)

 HA= 82.3 HI= 55.8 GGW= 32.6 SL= 0.0 MAX(A,B,C,D)= 7.5 6.3 7.2 7.2

Main boom and fixed jib (jib angle 20.0 degrees)

Length of main boom = 84.0 ft Length of jib = 55.8 ft

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

Counterweight = 32.6 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.			
		1(0)		2(...)		3(90)		6(...)					
		A	B	C	D	A	B	C	D				
39.4	18.7	49	49	42	42	53	41	49	40(59)	52	38	51	41
		48	37	53	45(128)	41	41	50	50	37	48	45	53(232)
45.9	17.2	51	51	39	39	57	38	50	35(59)	55	33	54	37
		55	33	54	37(90)	38	38	52	52	33	55	37	54(270)
52.5	15.7	53	53	37	37	56	48	40	34(16)	58	29	57	34
		58	29	57	34(90)	35	35	54	54	29	58	34	57(270)
59.1	14.3	54	54	35	35	61	46	41	30(25)	62	26	59	32
		60	24	60	33(97)	33	33	56	56	24	60	33	60(262)
65.6	13.2	56	56	32	32	65	43	43	26(31)	64	22	61	29
		61	20	63	32(102)	31	31	58	58	20	61	32	63(257)
72.2	12.1	57	57	30	30	68	41	43	23(34)	67	19	63	26
		62	16	66	31(105)	29	29	59	59	16	62	31	66(254)
78.7	11.5	59	59	28	28	72	40	43	19(35)	70	15	65	24
		64	11	70	30(108)	26	26	61	61	11	63	30	70(251)
85.3	10.6	60	60	26	26	75	39	44	16(37)	73	12	67	21
		67	9	71	27(105)	24	24	62	62	9	67	27	71(254)
91.9	9.7	62	62	25	25	77	37	44	14(38)	75	10	69	19
		68	6	73	26(106)	23	23	63	63	6	68	26	74(253)
98.4	8.4	62	62	24	24	78	36	45	13(39)	75	9	69	19
		68	4	74	26(107)	22	22	64	64	4	67	26	74(252)
105.0	7.3	62	62	23	23	79	36	44	12(39)	76	7	70	18
		68	3	75	25(107)	21	21	64	64	3	68	25	75(252)
111.5	6.2	62	62	23	23	79	35	44	11(39)	76	7	70	17
		68	2	75	24(107)	21	21	64	64	2	68	25	75(252)
118.1	5.3	62	62	22	22	80	34	45	10(40)	77	6	70	16
		68	1	76	24(108)	20	20	64	64	0	68	24	76(251)
124.7	4.4	62	62	21	21	80	34	44	9(40)	77	4	71	15
		68	0	77	23(108)	19	19	65	65	0	67	23	77(251)

 HA= 84.0 HI= 55.8 GGW= 32.6 SL= 0.0 MAX(A,B,C,D)= 7.5 6.3 7.1 7.1

Main boom and fixed jib (jib angle 20.0 degrees)
 Length of main boom = 96.5 ft Length of jib = 55.8 ft
 Main boom sequence = 0-0-0-0-90-90 % LK = 28
 Counterweight = 32.6 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.					
	1(0)				2(...)									
	4(...)				5(180)									
	A	B	C	D	A	B	C	D	6(...)					
45.9	17.4	51	51	39	39	51	51	39	39	(0)	56	33	55	37
		56	33	55	37	(90)	37	37	53	53	33	56	37	55(270)
52.5	16.8	54	54	36	36	60	47	41	32	(22)	61	28	58	33
		60	27	59	34	(94)	34	34	56	56	27	60	34	59(265)
59.1	15.9	56	56	33	33	65	44	43	27	(31)	65	23	62	30
		62	21	64	33	(102)	32	32	58	58	21	62	33	64(257)
65.6	15.0	59	59	30	30	70	42	44	22	(35)	69	19	65	26
		64	16	68	31	(106)	29	29	60	60	15	63	32	68(253)
72.2	14.1	61	61	28	28	74	40	44	19	(36)	72	15	67	23
		65	11	71	30	(109)	26	26	62	62	11	65	30	72(250)
78.7	13.2	62	62	26	26	78	39	45	15	(38)	75	11	69	21
		69	7	74	27	(106)	24	24	64	64	7	68	27	74(253)
85.3	11.2	62	62	25	25	78	38	45	14	(38)	75	10	69	20
		68	6	74	26	(106)	23	23	64	64	6	68	27	74(253)
91.9	9.7	62	62	25	25	78	37	45	13	(39)	75	9	69	19
		68	5	74	26	(107)	23	23	64	64	5	67	26	74(252)
98.4	8.4	62	62	24	24	78	36	45	12	(39)	75	8	70	18
		68	4	74	25	(107)	22	22	64	64	4	68	26	75(252)
105.0	7.1	62	62	24	24	78	36	44	12	(39)	75	8	69	18
		68	3	74	25	(107)	21	21	64	64	3	67	25	74(252)
111.5	6.0	62	62	23	23	78	35	44	11	(39)	75	7	69	17
		68	2	74	24	(107)	21	21	64	64	2	67	25	75(252)
118.1	5.1	62	62	22	22	79	34	45	10	(40)	76	6	70	17
		68	1	75	24	(108)	20	20	64	64	1	67	25	75(251)
124.7	4.4	62	62	21	21	81	34	44	9	(40)	77	4	71	15
		68	0	77	23	(108)	19	19	65	65	0	67	23	77(251)
131.2	3.5	62	62	21	21	81	34	44	8	(40)	77	4	71	15
		67	0	77	22	(108)	19	19	65	65	0	67	22	78(251)
137.8	2.6	62	62	21	21	80	33	44	8	(40)	77	3	71	15
		67	0	78	21	(108)	18	18	65	65	0	66	22	78(251)

 HA= 96.5 HI= 55.8 GGW= 32.6 SL= 0.0 MAX(A,B,C,D)= 7.5 6.3 7.2 7.3

Main boom and fixed jib (jib angle 20.0 degrees)
 Length of main boom = 100.4 ft Length of jib = 55.8 ft
 Main boom sequence = 0-0-0-0-100-100 % LK = 29
 Counterweight = 32.6 kip

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

45.9	17.2	51	51	39	39	58	38	50	35(59)	56	33	54	37
		56	33	54	37(90)	38	38	53	53	33	56	37	54(270)
52.5	15.9	53	53	37	37	57	48	41	34(18)	59	29	57	34
		59	29	57	34(91)	35	35	55	55	28	59	34	58(268)
59.1	14.8	55	55	34	34	62	45	42	29(27)	63	25	60	31
		61	23	62	33(99)	32	32	57	57	23	60	33	62(260)
65.6	13.7	57	57	32	32	67	42	43	25(33)	66	21	62	28
		62	19	65	32(104)	30	30	58	58	18	62	32	65(255)
72.2	12.8	58	58	30	30	71	40	44	21(36)	69	17	65	25
		63	14	68	31(107)	28	28	60	60	14	63	31	68(252)
78.7	11.9	60	60	28	28	74	40	44	18(36)	72	14	67	23
		65	10	71	30(109)	26	26	62	62	10	64	30	71(250)
85.3	11.2	62	62	25	25	78	38	45	14(38)	75	10	69	20
		68	6	74	26(106)	24	24	64	64	6	68	27	74(253)
91.9	9.7	62	62	25	25	78	37	45	13(39)	75	9	69	19
		68	5	74	26(107)	23	23	64	64	5	67	26	74(252)
98.4	8.4	62	62	24	24	78	36	45	12(39)	75	8	69	18
		68	4	74	25(107)	22	22	64	64	4	68	26	75(252)
105.0	7.1	62	62	24	24	78	36	44	12(39)	75	8	69	18
		68	3	74	25(107)	21	21	64	64	3	67	25	74(252)
111.5	6.2	62	62	23	23	80	35	45	11(40)	76	6	70	17
		68	2	75	25(108)	21	21	64	64	2	67	25	75(251)
118.1	5.1	62	62	22	22	79	34	45	10(40)	76	6	70	17
		68	1	75	24(108)	20	20	64	64	1	67	25	75(251)
124.7	4.4	62	62	22	22	80	34	44	9(40)	77	4	71	15
		68	0	77	23(108)	19	19	65	65	0	67	23	77(251)
131.2	3.5	62	62	21	21	80	34	44	8(40)	77	4	71	15
		67	0	77	22(108)	19	19	65	65	0	67	23	77(251)
137.8	2.6	62	62	21	21	80	33	44	8(40)	77	4	70	15
		67	0	77	22(108)	19	19	64	64	0	66	22	77(251)

 HA=100.4 HI= 55.8 GGW= 32.6 SL= 0.0 MAX(A,B,C,D)= 7.5 6.3 7.1 7.2

Main boom and fixed jib (jib angle 20.0 degrees)

Length of main boom = 110.2 ft Length of jib = 55.8 ft
 Main boom sequence = 0-0-0-45-90-90 % LK = 36
 Counterweight = 32.6 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.			
		1(0)		2(...)		3(90)		6(...)					
		4(...)		5(180)		6(...)							
		A	B	C	D	A	B	C	D				
45.9	17.4	52	52	39	39	52	51	39	38(4)	57	32	55	37
		57	32	55	37(90)	37	37	53	53	32	57	37	55(270)
52.5	16.5	54	54	36	36	60	47	41	31(23)	61	27	59	33
		60	26	60	34(95)	34	34	56	56	26	60	34	60(264)
59.1	15.9	57	57	33	33	67	43	43	26(32)	66	22	62	29
		62	20	65	32(103)	31	31	59	59	20	62	33	65(256)
65.6	15.2	60	60	30	30	72	41	45	21(37)	70	17	65	25
		65	14	69	31(107)	28	28	61	61	14	64	31	69(252)
72.2	14.6	62	62	27	27	77	40	45	17(37)	74	13	69	22
		69	9	73	27(105)	25	25	64	64	9	68	28	73(254)
78.7	12.8	62	62	26	26	78	38	45	15(38)	75	11	69	21
		69	7	74	27(106)	24	24	64	64	7	68	27	74(253)

85.3	10.8	62	62	25	25	78	38	45	14(38)	75	10	69	20
		68	6	74	26(106)	23	23	64	64	6	68	26	74(253)
91.9	9.3	62	62	24	24	78	37	45	13(39)	75	9	69	19
		68	5	74	26(107)	22	22	64	64	5	67	26	74(252)
98.4	7.9	62	62	24	24	78	36	45	12(39)	75	8	70	18
		68	4	74	25(107)	22	22	64	64	4	68	26	75(252)
105.0	6.8	62	62	23	23	79	35	45	11(40)	76	7	70	17
		68	2	75	25(108)	21	21	64	64	2	67	25	75(251)
111.5	5.7	62	62	22	22	80	35	45	10(40)	76	6	70	17
		68	1	75	24(108)	20	20	64	64	1	67	25	75(251)
118.1	4.9	62	62	22	22	80	34	44	9(40)	77	5	71	16
		68	0	76	24(108)	20	20	65	65	0	68	24	76(251)
124.7	4.0	62	62	21	21	80	34	44	9(40)	77	4	71	15
		68	0	77	23(108)	19	19	65	65	0	67	23	77(251)
131.2	3.1	62	62	21	21	80	34	44	8(40)	77	4	71	15
		67	0	77	22(108)	19	19	65	65	0	67	22	78(251)

 HA=110.2 HI= 55.8 GGW= 32.6 SL= 0.0 MAX(A,B,C,D)= 7.5 6.3 7.2 7.2

Main boom and fixed jib (jib angle 20.0 degrees)

Length of main boom = 114.5 ft Length of jib = 55.8 ft

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

Counterweight = 32.6 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
	1(0)		2(...)		3(90)								
	4(...)	5(180)	6(...)										
A B C D	A B C D	A B C D	A B C D										
52.5	16.1	54	54	36	36	59	47	41	32(21)	60	28	58	33
		60	27	59	34(94)	34	34	55	55	27	60	34	59(265)
59.1	15.0	56	56	33	33	64	45	42	27(29)	64	24	61	30
		61	22	63	33(101)	32	32	58	58	22	61	33	63(258)
65.6	13.9	58	58	31	31	69	42	44	23(34)	67	20	63	27
		63	17	66	31(105)	29	29	59	59	17	62	32	67(254)
72.2	13.2	60	60	28	28	73	41	44	19(35)	71	15	66	24
		65	12	70	30(108)	27	27	62	62	11	64	30	71(251)
78.7	12.3	62	62	26	26	77	38	45	16(38)	74	12	69	21
		68	8	73	27(106)	24	24	63	63	8	67	28	73(253)
85.3	10.8	62	62	25	25	78	38	45	14(38)	75	10	69	20
		68	6	73	26(106)	23	23	64	64	6	68	26	74(253)
91.9	9.3	62	62	24	24	78	37	45	13(39)	75	9	69	19
		68	5	74	26(107)	22	22	64	64	5	67	26	74(252)
98.4	7.9	62	62	24	24	78	36	45	12(39)	75	8	69	18
		68	4	74	25(107)	22	22	64	64	4	68	26	75(252)
105.0	6.8	62	62	23	23	79	36	44	11(39)	76	7	70	17
		68	2	75	24(107)	21	21	64	64	2	68	25	75(252)
111.5	5.7	62	62	22	22	80	35	45	10(40)	76	6	70	17
		68	1	75	24(108)	20	20	64	64	1	67	25	75(251)
118.1	4.9	62	62	22	22	80	34	44	9(40)	77	5	71	16
		68	0	76	24(108)	20	20	65	65	0	68	24	76(251)
124.7	4.0	62	62	21	21	80	34	44	9(40)	77	4	71	15
		68	0	77	23(108)	19	19	65	65	0	67	23	77(251)
131.2	3.1	62	62	21	21	80	34	44	8(40)	77	4	71	15
		67	0	77	22(108)	19	19	64	64	0	67	22	77(251)

137.8 2.2 62 62 21 21 80 33 44 8(40) 76 4 70 15
 67 0 77 22(108) 19 19 64 64 0 66 22 77(251)

HA=114.5 HI= 55.8 GGW= 32.6 SL= 0.0 MAX(A,B,C,D)= 7.5 6.3 7.1 7.2

Main boom and fixed jib (jib angle 20.0 degrees)
 Length of main boom = 124.3 ft Length of jib = 55.8 ft
 Main boom sequence = 0-0-0-90-90-90 % LK = 45
 Counterweight = 32.6 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
	1(0)				2(...)								
	3(90)				4(...)								
	A	B	C	D	A	B	C	D	A	B	C	D	
52.5	16.3	54	54	35	35	61	47	42	31(24)	62	27	59	33
		60	26	60	34(96)	34	34	56	56	26	60	34	60(263)
59.1	15.7	57	57	32	32	67	43	43	26(32)	66	22	62	29
		63	19	65	32(103)	31	31	59	59	19	62	32	65(256)
65.6	15.0	60	60	30	30	73	40	45	21(37)	71	17	66	25
		64	13	70	31(108)	28	28	61	61	13	64	31	70(251)
72.2	14.6	63	63	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)
78.7	12.6	63	63	25	25	79	38	45	14(39)	76	10	70	20
		69	6	74	27(107)	24	24	64	64	6	68	27	75(252)
85.3	10.6	62	62	25	25	78	37	45	13(39)	75	10	69	19
		68	5	74	26(107)	23	23	64	64	5	68	27	74(252)
91.9	9.0	62	62	24	24	79	36	45	13(39)	76	9	70	19
		68	4	75	26(107)	22	22	64	64	4	68	26	75(252)
98.4	7.5	62	62	24	24	78	36	44	12(39)	75	8	69	18
		68	4	74	25(107)	22	22	64	64	4	67	26	74(252)
105.0	6.4	62	62	23	23	79	35	44	11(39)	76	7	70	17
		68	2	75	24(107)	21	21	64	64	2	68	25	75(252)
111.5	5.3	62	62	22	22	79	34	45	10(40)	76	6	70	17
		68	1	75	24(108)	20	20	64	64	1	67	25	75(251)
118.1	4.4	62	62	22	22	80	34	44	9(40)	77	5	70	16
		68	0	76	24(108)	19	19	64	64	0	68	24	76(251)
124.7	3.5	62	62	21	21	80	34	44	9(40)	77	4	71	15
		68	0	77	23(108)	19	19	65	65	0	67	23	77(251)
131.2	2.6	62	62	21	21	80	34	44	8(40)	77	4	71	15
		67	0	77	22(108)	19	19	64	64	0	66	22	77(251)

HA=124.3 HI= 55.8 GGW= 32.6 SL= 0.0 MAX(A,B,C,D)= 7.5 6.3 7.1 7.2

Main boom and fixed jib (jib angle 20.0 degrees)
 Length of main boom = 130.9 ft Length of jib = 55.8 ft
 Main boom sequence = 0-0-0-100-100-100 % LK = 46
 Counterweight = 32.6 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
	1(0)				2(...)								
	3(90)				4(...)								
	A	B	C	D	A	B	C	D	A	B	C	D	
52.5	15.9	54	54	36	36	60	47	41	32(22)	61	27	58	33
		60	27	59	34(94)	34	34	56	56	27	60	34	59(265)

59.1	15.0	56	56	33	33	65	44	43	26(31)	65	23	62	29
		62	21	64	32(102)	31	31	58	58	21	62	33	64(257)
65.6	14.1	58	58	30	30	70	41	44	22(36)	69	19	64	26
		63	15	68	31(106)	29	29	60	60	15	63	31	68(253)
72.2	13.2	60	60	28	28	74	40	44	18(36)	72	14	67	23
		65	10	71	30(109)	26	26	62	62	10	65	30	72(250)
78.7	12.3	62	62	26	26	78	38	45	15(38)	75	11	69	20
		69	7	74	26(106)	24	24	64	64	7	68	27	74(253)
85.3	10.6	62	62	25	25	79	37	45	13(39)	76	9	70	19
		68	5	74	26(107)	23	23	64	64	5	68	27	75(252)
91.9	9.0	62	62	24	24	79	36	45	12(39)	76	8	70	19
		69	4	75	25(107)	22	22	64	64	4	68	26	75(252)
98.4	7.5	62	62	24	24	78	36	44	12(39)	75	8	69	18
		68	4	74	25(107)	22	22	64	64	3	68	26	75(252)
105.0	6.4	62	62	23	23	79	35	45	11(40)	76	7	70	17
		68	2	75	25(108)	21	21	64	64	2	67	25	75(251)
111.5	5.3	62	62	22	22	80	34	45	10(40)	76	6	70	17
		68	1	75	24(108)	20	20	64	64	1	67	25	75(251)
118.1	4.4	62	62	22	22	80	34	44	9(40)	77	5	71	16
		68	0	76	24(108)	19	19	65	65	0	68	24	76(251)
124.7	3.5	62	62	21	21	80	34	44	9(40)	77	4	71	15
		68	0	77	22(108)	19	19	65	65	0	67	23	77(251)
131.2	2.6	62	62	21	21	80	34	44	8(40)	77	4	71	15
		67	0	77	22(108)	19	19	64	64	0	66	22	77(251)

 HA=130.9 HI= 55.8 GGW= 32.6 SL= 0.0 MAX(A,B,C,D)= 7.5 6.3 7.2 7.2

Main boom and fixed jib (jib angle 20.0 degrees)
 Length of main boom = 138.1 ft Length of jib = 55.8 ft
 Main boom sequence = 0-0-45-90-90-90 % LK = 54
 Counterweight = 32.6 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
	1(0)		2(...)		3(90)		6(...)						
	A	B	C	D	A	B	C	D	A	B	C	D	
59.1	15.4	58	58	32	32	68	43	44	24(33)	67	21	63	28
		63	18	66	32(104)	30	30	59	59	18	63	32	66(255)
65.6	15.0	61	61	29	29	74	41	45	19(36)	72	16	67	24
		65	12	71	31(109)	27	27	62	62	12	65	31	71(250)
72.2	14.1	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)
78.7	11.9	62	62	25	25	79	37	45	14(39)	76	10	70	20
		69	6	74	27(107)	23	23	64	64	6	68	27	75(252)
85.3	9.9	62	62	25	25	78	37	45	13(39)	75	9	69	19
		68	5	74	26(107)	23	23	64	64	5	68	26	74(252)
91.9	8.4	62	62	24	24	79	36	45	12(39)	76	8	70	18
		68	4	75	25(107)	22	22	64	64	4	68	26	75(252)
98.4	7.1	62	62	23	23	79	36	44	11(39)	76	7	70	17
		69	3	75	24(107)	21	21	64	64	2	68	25	75(252)
105.0	6.0	62	62	22	22	80	35	45	10(40)	77	6	71	17
		68	1	76	24(108)	20	20	65	65	1	68	25	76(251)
111.5	4.9	62	62	22	22	80	34	45	9(40)	77	5	71	16
		69	0	76	24(108)	20	20	65	65	0	68	24	76(251)

118.1 3.7 62 62 22 22 80 34 44 9(40) 77 5 70 16
 68 0 76 23(108) 19 19 64 64 0 67 24 76(251)
 124.7 2.9 62 62 21 21 80 34 44 8(40) 77 4 71 15
 67 0 77 22(108) 19 19 65 65 0 67 22 77(251)

 HA=138.1 HI= 55.8 GGW= 32.6 SL= 0.0 MAX(A,B,C,D)= 7.5 6.4 7.1 7.2

Main boom and fixed jib (jib angle 20.0 degrees)
 Length of main boom = 145.0 ft Length of jib = 55.8 ft
 Main boom sequence = 0-0-45-100-100-100 % LK = 55
 Counterweight = 32.6 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]								(Pos.[Degrees])				0-360 Degr.
		1(0)		2(...)				3(90)		6(...)				
		A	B	C	D	A	B	C	D	A	B	C	D	
59.1	15.0	57	57	32	32	67	43	43	25(32)	66	22	62	28	
		62	19	65	32(103)	31	31	59	59	19	62	32	65(256)	
65.6	14.3	60	60	29	29	73	40	45	20(37)	71	17	66	25	
		64	13	70	31(108)	28	28	61	61	13	64	31	70(251)	
72.2	13.4	62	62	27	27	77	39	45	16(37)	74	13	69	22	
		68	9	73	27(105)	25	25	63	63	9	68	28	73(254)	
78.7	11.9	62	62	25	25	79	37	45	14(39)	76	10	70	20	
		69	6	75	26(107)	23	23	64	64	6	68	27	75(252)	
85.3	9.9	62	62	25	25	78	37	45	13(39)	75	9	70	19	
		68	5	74	26(107)	23	23	64	64	5	68	26	75(252)	
91.9	8.4	62	62	24	24	79	36	45	12(39)	76	8	70	18	
		68	4	75	25(107)	22	22	64	64	4	68	26	75(252)	
98.4	7.1	62	62	23	23	79	36	44	11(39)	76	7	70	17	
		69	2	75	24(107)	21	21	64	64	2	68	25	75(252)	
105.0	5.7	62	62	23	23	79	35	45	11(40)	76	6	70	17	
		68	2	75	25(108)	21	21	64	64	2	67	25	75(251)	
111.5	4.6	62	62	22	22	80	34	44	10(40)	76	6	70	16	
		68	1	75	24(108)	20	20	64	64	1	67	25	75(251)	
118.1	3.7	62	62	22	22	80	34	44	9(40)	77	4	71	15	
		68	0	76	23(108)	19	19	64	64	0	67	23	77(251)	
124.7	2.6	62	62	22	22	80	34	44	9(40)	76	5	70	15	
		67	0	75	23(108)	19	19	64	64	0	67	24	76(251)	

 HA=145.0 HI= 55.8 GGW= 32.6 SL= 0.0 MAX(A,B,C,D)= 7.5 6.3 7.1 7.1

Main boom and fixed jib (jib angle 20.0 degrees)
 Length of main boom = 152.2 ft Length of jib = 55.8 ft
 Main boom sequence = 0-0-90-90-90-90 % LK = 62
 Counterweight = 32.6 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]								(Pos.[Degrees])				0-360 Degr.
		1(0)		2(...)				3(90)		6(...)				
		A	B	C	D	A	B	C	D	A	B	C	D	
59.1	15.2	58	58	32	32	69	42	44	24(34)	67	20	63	28	
		63	17	67	32(105)	30	30	60	60	17	63	32	67(254)	
65.6	14.6	61	61	28	28	74	41	44	19(36)	72	15	67	24	
		65	11	71	30(109)	27	27	62	62	11	65	31	71(250)	

72.2	13.0	62	62	26	26	77	39	45	16(38)	74	12	69	21
		68	8	73	27(106)	25	25	63	63	8	68	28	73(253)
78.7	11.0	62	62	26	26	78	38	45	15(38)	75	11	69	20
		68	7	73	26(106)	24	24	64	64	6	68	27	74(253)
85.3	9.0	61	61	25	25	77	37	44	14(38)	75	10	69	19
		68	6	73	26(106)	23	23	63	63	6	67	26	73(253)
91.9	7.5	61	61	24	24	78	36	44	13(39)	75	9	69	19
		67	4	74	26(107)	22	22	63	63	4	67	26	74(252)
98.4	6.2	61	61	23	23	78	36	44	12(39)	75	7	69	18
		68	3	74	25(107)	21	21	64	64	3	67	25	74(252)
105.0	4.9	61	61	23	23	78	35	44	11(39)	75	7	69	17
		67	3	74	24(107)	21	21	63	63	2	67	25	74(252)
111.5	3.7	61	61	22	22	78	35	44	11(39)	75	6	69	17
		67	2	74	24(107)	20	20	63	63	2	67	24	74(252)
118.1	2.9	61	61	22	22	79	34	44	9(40)	75	5	70	16
		67	0	75	24(108)	19	19	64	64	0	67	24	75(251)

 HA=152.2 HI= 55.8 GGW= 32.6 SL= 0.0 MAX(A,B,C,D)= 7.3 6.3 6.9 7.0

Main boom and fixed jib (jib angle 20.0 degrees)

Length of main boom = 161.4 ft Length of jib = 55.8 ft
 Main boom sequence = 0-0-100-100-100-100 % LK = 63
 Counterweight = 32.6 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
	1(0)		2(...)		3(90)		6(...)						
	A	B	C	D	A	B	C	D					
65.6	14.1	60	60	29	29	73	41	44	20(35)	71	16	66	24
		65	12	71	30(108)	27	27	62	62	12	64	31	71(251)
72.2	12.6	61	61	27	27	76	39	45	17(37)	74	13	68	22
		68	9	72	27(105)	25	25	63	63	9	67	28	72(254)
78.7	10.6	61	61	26	26	77	38	45	15(38)	74	11	68	21
		67	7	73	27(106)	24	24	63	63	7	67	27	73(253)
85.3	8.8	61	61	25	25	77	37	44	14(38)	74	10	69	20
		68	6	73	26(106)	23	23	63	63	6	67	26	73(253)
91.9	7.3	61	61	24	24	77	36	44	13(39)	74	9	69	19
		67	5	73	26(107)	22	22	63	63	4	67	26	73(252)
98.4	5.7	61	61	24	24	77	36	44	13(39)	74	8	68	19
		67	4	73	25(107)	22	22	63	63	4	66	26	73(252)
105.0	4.6	61	61	23	23	78	35	44	11(39)	75	7	69	18
		67	3	73	24(107)	21	21	63	63	3	67	25	74(252)
111.5	3.5	61	61	23	23	78	35	44	11(39)	75	7	69	17
		67	2	74	24(107)	20	20	63	63	2	67	25	74(252)
118.1	2.6	61	61	22	22	78	34	44	10(40)	75	6	69	16
		67	1	74	24(108)	20	20	63	63	1	66	24	75(251)

 HA=161.4 HI= 55.8 GGW= 32.6 SL= 0.0 MAX(A,B,C,D)= 7.3 6.3 6.9 6.9

Main boom and fixed jib (jib angle 20.0 degrees)

Length of main boom = 166.0 ft Length of jib = 55.8 ft
 Main boom sequence = 0-45-90-90-90-90 % LK = 68
 Counterweight = 32.6 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.			
	1(0)				2(...)				3(90)			
	4(...)				5(180)				6(...)			
	A	B	C	D	A	B	C	D	A	B	C	D
65.6	14.1	61	61	28 28	75	41	44	18(36)	73	14	67	23
		65	10	72 30(109)	26	26	63	63	10	65	30	72(250)
72.2	11.7	61	61	27 27	75	39	44	17(37)	73	13	68	22
		67	9	71 27(105)	25	25	63	63	9	67	28	72(254)
78.7	9.5	60	60	26 26	75	38	44	16(37)	73	12	67	21
		67	8	71 26(105)	24	24	62	62	8	67	27	72(254)
85.3	7.7	60	60	25 25	76	37	44	15(38)	73	11	68	20
		67	7	72 26(106)	23	23	62	62	6	66	26	72(253)
91.9	6.2	60	60	25 25	76	37	44	14(38)	73	9	68	19
		67	6	72 25(106)	22	22	62	62	5	66	26	72(253)
98.4	4.9	60	60	24 24	76	36	43	13(38)	73	8	68	19
		67	4	72 25(106)	22	22	63	63	4	66	25	73(253)
105.0	3.5	60	60	24 24	76	36	43	12(38)	73	8	68	18
		67	4	72 24(106)	21	21	62	62	4	66	25	72(253)
111.5	2.6	60	60	23 23	77	35	43	11(39)	74	7	69	17
		67	2	73 24(107)	20	20	63	63	2	66	24	73(252)

HA=166.0 HI= 55.8 GGW= 32.6 SL= 0.0 MAX(A,B,C,D)= 7.2 6.2 6.8 6.8

Main boom and fixed jib (jib angle 20.0 degrees)

Length of main boom = 175.5 ft Length of jib = 55.8 ft

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

Counterweight = 32.6 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.			
	1(0)				2(...)				3(90)			
	4(...)				5(180)				6(...)			
	A	B	C	D	A	B	C	D	A	B	C	D
72.2	11.2	60	60	27 27	74	39	44	17(37)	72	13	67	22
		67	10	71 28(105)	25	25	62	62	10	66	28	71(254)
78.7	9.3	60	60	26 26	75	38	44	16(37)	72	12	67	21
		67	8	71 27(105)	24	24	62	62	8	66	27	71(254)
85.3	7.5	60	60	26 26	75	38	43	15(37)	73	11	67	20
		67	7	71 26(105)	23	23	62	62	7	66	26	71(254)
91.9	6.0	60	60	25 25	75	37	43	14(38)	73	10	67	20
		66	6	72 26(106)	22	22	62	62	6	66	26	72(253)
98.4	4.6	60	60	24 24	76	36	43	13(38)	73	9	68	19
		66	5	72 25(106)	22	22	62	62	5	66	25	72(253)
105.0	3.3	60	60	24 24	75	36	43	13(38)	73	8	67	19
		66	4	72 25(106)	21	21	62	62	4	66	25	72(253)
111.5	2.4	60	60	23 23	77	35	43	11(39)	73	7	68	17
		66	3	73 24(107)	21	21	62	62	3	66	25	73(252)

HA=175.5 HI= 55.8 GGW= 32.6 SL= 0.0 MAX(A,B,C,D)= 7.1 6.2 6.8 6.8

Main boom and fixed jib (jib angle 20.0 degrees)

Length of main boom = 180.1 ft Length of jib = 55.8 ft

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

Counterweight = 32.6 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.			
	1(0)				2(...)				3(90)			
	4(...)				5(180)				6(...)			
	A	B	C	D	A	B	C	D	A	B	C	D
72.2	10.1	59	59	28 28	73	39	43	18(36)	71	14	66	23
		64	10	70 30(109)	26	26	61	61	10	63	30	71(250)
78.7	8.2	59	59	27 27	73	39	43	17(36)	71	13	66	22
		66	9	70 27(104)	24	24	61	61	9	66	27	70(255)
85.3	6.4	59	59	26 26	73	38	43	16(37)	71	11	66	21
		66	8	70 26(105)	24	24	61	61	8	65	27	70(254)
91.9	5.1	60	60	25 25	75	36	43	14(38)	72	10	67	20
		66	6	71 26(106)	22	22	62	62	6	65	26	71(253)
98.4	3.5	59	59	25 25	74	36	43	14(38)	71	10	67	19
		65	6	71 25(106)	22	22	61	61	6	65	26	71(253)
105.0	2.4	59	59	24 24	75	36	43	13(38)	72	9	67	19
		65	5	71 25(106)	21	21	62	62	4	65	25	71(253)

HA=180.1 HI= 55.8 GGW= 32.6 SL= 0.0 MAX(A,B,C,D)= 6.9 6.1 6.6 6.6

Main boom and fixed jib (jib angle 20.0 degrees)

Length of main boom = 191.9 ft Length of jib = 55.8 ft

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

Counterweight = 32.6 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.			
	1(0)				2(...)				3(90)			
	4(...)				5(180)				6(...)			
	A	B	C	D	A	B	C	D	A	B	C	D
72.2	9.7	59	59	28 28	72	40	43	19(35)	70	15	65	23
		64	11	70 29(108)	26	26	61	61	11	63	30	70(251)
78.7	7.7	59	59	27 27	72	39	43	17(36)	70	13	66	22
		65	10	69 27(104)	25	25	61	61	10	65	27	69(255)
85.3	6.0	59	59	26 26	72	38	43	17(36)	70	12	66	21
		65	9	69 26(104)	24	24	61	61	9	65	27	69(255)
91.9	4.6	59	59	25 25	73	37	43	15(37)	71	11	66	20
		65	7	70 26(105)	23	23	61	61	7	65	26	70(254)
98.4	3.3	59	59	25 25	74	37	42	14(37)	71	10	66	19
		65	6	70 25(105)	22	22	61	61	6	65	25	71(254)

HA=191.9 HI= 55.8 GGW= 32.6 SL= 0.0 MAX(A,B,C,D)= 6.8 6.0 6.5 6.6

HA=191.9 HI= 55.8 GGW= 32.6 SL= 0.0 MAX(A,B,C,D)= 0.0 0.0 0.0 0.0

HA=191.9 HI= 55.8 GGW= 32.6 SL= 0.0 MAX(A,B,C,D)= 0.0 0.0 0.0 0.0

HA=191.9 HI= 55.8 GGW= 32.6 SL= 0.0 MAX(A,B,C,D)= 0.0 0.0 0.0 0.0

HA=191.9 HI= 55.8 GGW= 32.6 SL= 0.0 MAX(A,B,C,D)= 0.0 0.0 0.0 0.0

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

14.10.2003, 15:37:22

Eingabedatei: ilam.dat

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

Tabellendat.: /berechnung/tabellen/ac/ac200-1/serie_3/pc_tab/22137312_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 = 55.8 ft
 Main boom sequence = 0-0-0-0-0-0 % LK = 1
 Counterweight = 32.6 kip

Radius Cap. [ft]	Cap. [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
		1(0)				2(...)					3(90)			
		A	B	C	D	A	B	C	D		A	B	C	D
45.9	15.2	46	46	43	43	48	42	47	42(59)	47	40	48	43	
		45	40	49	45(128)	42	42	48	48	40	45	45	49(232)	
52.5	14.3	49	49	40	40	53	39	48	37(59)	52	35	52	39	
		47	34	53	43(128)	39	39	50	50	34	47	43	53(232)	
59.1	13.7	51	51	37	37	53	49	39	35(10)	56	30	55	35	
		56	30	55	35(90)	35	35	53	53	30	56	35	55(270)	
65.6	13.2	54	54	34	34	61	45	41	29(26)	62	25	59	31	
		60	23	60	33(98)	32	32	56	56	23	60	33	61(261)	
72.2	13.0	58	58	30	30	69	41	44	22(35)	67	19	63	26	
		62	16	67	31(106)	29	29	59	59	16	62	32	67(253)	

 HA= 40.7 HI= 55.8 GGW= 32.6 SL= 0.0 MAX(A,B,C,D)= 6.4 5.8 6.2 6.2

Main boom and fixed jib (jib angle 40.0 degrees)
 Length of main boom = 54.5 ft Length of jib = 55.8 ft
 Main boom sequence = 0-0-0-0-0-45 % LK = 7
 Counterweight = 32.6 kip

Radius Cap. [ft]	Cap. [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
		1(0)				2(...)					3(90)			
		A	B	C	D	A	B	C	D		A	B	C	D
45.9	15.2	46	46	43	43	48	42	47	42(59)	47	41	48	43	
		45	40	49	45(128)	42	42	47	47	40	45	45	49(232)	
52.5	14.6	49	49	40	40	53	39	48	37(59)	52	35	52	39	
		47	34	53	43(128)	39	39	50	50	34	47	43	53(232)	
59.1	13.9	51	51	37	37	53	49	39	36(8)	56	31	55	35	
		56	31	55	35(90)	36	36	53	53	31	56	35	55(270)	
65.6	13.4	54	54	34	34	60	45	41	30(25)	61	26	59	32	
		60	24	60	33(97)	33	33	56	56	24	59	33	60(262)	

72.2 13.0 57 57 32 32 67 42 43 24(33) 66 21 62 28
 62 18 65 32(104) 30 30 58 58 18 62 32 65(255)
 78.7 12.8 60 60 28 28 73 40 44 19(36) 71 15 66 24
 64 11 71 30(109) 26 26 62 62 11 64 30 71(250)
 85.3 11.7 61 61 26 26 77 38 45 15(38) 74 11 69 21
 68 7 73 27(106) 24 24 63 63 7 67 27 73(253)

 HA= 54.5 HI= 55.8 GGW= 32.6 SL= 0.0 MAX(A,B,C,D)= 7.1 6.2 6.8 6.8

Main boom and fixed jib (jib angle 40.0 degrees)
 Length of main boom = 68.6 ft Length of jib = 55.8 ft
 Main boom sequence = 0-0-0-0-0-90 % LK = 13
 Counterweight = 32.6 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]								(Pos.[Degrees])				0-360 Degr.
		1(0)				2(...)				3(90)				
		4(...)				5(180)				6(...)				
A	B	C	D	A	B	C	D	A	B	C	D			
52.5	14.6	48	48	41	41	53	39	48	38(59)	51	36	51	39	
		47	35	53	43(128)	39	39	50	50	35	47	43	53(232)	
59.1	13.9	51	51	38	38	52	50	39	37(5)	56	31	54	36	
		56	31	54	36(90)	36	36	52	52	31	56	36	54(270)	
65.6	13.2	53	53	35	35	59	46	41	31(22)	60	27	58	32	
		59	26	58	33(94)	33	33	55	55	26	59	33	58(265)	
72.2	12.3	55	55	33	33	63	43	42	27(30)	63	23	60	29	
		61	21	62	32(101)	31	31	57	57	21	60	32	62(258)	
78.7	11.7	57	57	30	30	68	41	43	22(35)	67	19	63	26	
		62	16	66	31(105)	28	28	59	59	16	62	31	66(254)	
85.3	11.0	59	59	28	28	72	40	43	19(35)	71	15	66	23	
		63	11	70	30(109)	26	26	61	61	11	63	30	70(250)	
91.9	10.4	61	61	26	26	77	38	44	15(38)	74	11	68	21	
		67	7	73	26(106)	24	24	63	63	7	67	27	73(253)	
98.4	8.8	61	61	25	25	77	37	44	14(38)	74	10	69	19	
		68	6	73	26(106)	23	23	63	63	5	67	26	73(253)	

 HA= 68.6 HI= 55.8 GGW= 32.6 SL= 0.0 MAX(A,B,C,D)= 7.1 6.2 6.8 6.8

Main boom and fixed jib (jib angle 40.0 degrees)
 Length of main boom = 70.2 ft Length of jib = 55.8 ft
 Main boom sequence = 0-0-0-0-0-100 % LK = 14
 Counterweight = 32.6 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]								(Pos.[Degrees])				0-360 Degr.
		1(0)				2(...)				3(90)				
		4(...)				5(180)				6(...)				
A	B	C	D	A	B	C	D	A	B	C	D			
52.5	13.9	47	47	41	41	51	40	47	39(59)	50	37	50	40	
		46	36	52	44(128)	39	39	49	49	36	46	44	52(232)	
59.1	12.8	49	49	39	39	55	37	49	35(59)	53	33	53	37	
		53	33	53	37(90)	37	37	51	51	33	53	37	53(270)	
65.6	11.9	51	51	36	36	54	48	39	34(14)	57	29	55	34	
		57	29	55	34(90)	35	35	53	53	29	57	34	55(270)	
72.2	11.0	53	53	34	34	59	45	41	30(24)	60	25	58	31	
		59	24	59	32(96)	32	32	55	55	24	58	33	59(263)	

78.7 10.1 54 54 32 32 63 43 42 26(30) 63 22 60 29
 60 20 62 32(101) 30 30 56 56 20 60 32 62(258)
 85.3 9.5 56 56 30 30 67 41 43 22(34) 66 19 62 26
 61 16 65 30(105) 28 28 58 58 15 61 31 65(254)
 91.9 9.0 58 58 28 28 71 40 43 19(35) 70 15 65 23
 63 11 69 29(108) 26 26 60 60 11 63 30 69(251)
 98.4 8.6 61 61 25 25 76 37 44 15(38) 73 10 68 20
 67 7 72 26(106) 23 23 63 63 6 66 26 72(253)

 HA= 70.2 HI= 55.8 GGW= 32.6 SL= 0.0 MAX(A,B,C,D)= 7.1 6.2 6.7 6.7

Main boom and fixed jib (jib angle 40.0 degrees)
 Length of main boom = 82.3 ft Length of jib = 55.8 ft
 Main boom sequence = 0-0-0-0-45-90 % LK = 20
 Counterweight = 32.6 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
	1(0)		2(...)		3(90)		6(...)						
	A	B	C	D	A	B	C	D		A	B	C	D
52.5	14.6	48	48	41	41	53	39	48	38(59)	52	36	51	39
		47	34	53	43(128)	39	39	50	50	34	47	43	53(232)
59.1	14.1	51	51	37	37	53	49	39	36(8)	56	31	55	35
		56	31	55	35(90)	36	36	53	53	31	56	35	55(270)
65.6	13.4	54	54	35	35	60	46	41	30(24)	60	26	58	32
		59	25	59	33(96)	33	33	55	55	25	59	33	59(263)
72.2	12.8	56	56	32	32	65	43	42	26(31)	64	22	61	29
		61	20	63	32(102)	30	30	58	58	20	61	32	63(257)
78.7	12.1	58	58	30	30	70	40	44	21(36)	68	18	64	26
		63	15	67	30(106)	28	28	60	60	15	63	31	67(253)
85.3	11.5	60	60	28	28	74	40	44	18(36)	72	14	67	23
		64	10	71	30(109)	26	26	62	62	10	64	30	71(250)
91.9	10.6	61	61	26	26	77	38	45	15(38)	74	11	69	20
		68	7	73	26(106)	24	24	63	63	7	67	27	73(253)
98.4	9.0	61	61	25	25	77	37	44	14(38)	74	10	69	19
		68	6	73	26(106)	23	23	63	63	6	67	26	73(253)
105.0	7.7	62	62	24	24	78	36	44	13(39)	75	8	69	19
		68	4	74	25(107)	22	22	63	63	4	67	26	74(252)
111.5	6.4	61	61	23	23	78	36	44	12(39)	75	7	69	18
		68	3	74	25(107)	21	21	63	63	3	67	25	74(252)

 HA= 82.3 HI= 55.8 GGW= 32.6 SL= 0.0 MAX(A,B,C,D)= 7.3 6.2 6.9 6.9

Main boom and fixed jib (jib angle 40.0 degrees)
 Length of main boom = 84.0 ft Length of jib = 55.8 ft
 Main boom sequence = 0-0-0-0-45-100 % LK = 21
 Counterweight = 32.6 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
	1(0)		2(...)		3(90)		6(...)						
	A	B	C	D	A	B	C	D		A	B	C	D
59.1	13.2	50	50	38	38	56	37	49	34(59)	54	32	54	36
		54	32	54	36(90)	37	37	52	52	32	54	36	54(270)

65.6	12.1	52	52	36	36	55	47	39	34(16)	57	28	56	34
		57	28	56	34(90)	34	34	53	53	28	57	34	56(270)
72.2	11.5	54	54	34	34	61	45	41	29(26)	61	24	59	31
		59	23	60	32(98)	32	32	56	56	23	59	33	60(261)
78.7	10.6	55	55	32	32	64	42	42	25(31)	64	21	61	28
		61	19	63	31(102)	30	30	57	57	19	60	32	63(257)
85.3	10.1	57	57	29	29	69	40	43	21(36)	68	17	63	25
		63	14	67	30(106)	27	27	59	59	14	62	30	67(253)
91.9	9.5	59	59	27	27	73	39	43	18(36)	71	14	66	22
		63	10	70	29(109)	25	25	61	61	10	63	30	70(250)
98.4	9.0	61	61	25	25	77	37	44	14(38)	74	10	69	20
		68	6	73	26(106)	23	23	63	63	6	67	26	73(253)
105.0	7.7	61	61	24	24	78	36	44	13(39)	75	9	69	19
		67	4	74	26(107)	22	22	63	63	4	67	26	74(252)
111.5	6.6	62	62	23	23	79	36	44	11(39)	76	7	70	17
		68	3	75	24(107)	21	21	64	64	2	67	25	75(252)

 HA= 84.0 HI= 55.8 GGW= 32.6 SL= 0.0 MAX(A,B,C,D)= 7.3 6.3 6.9 6.9

Main boom and fixed jib (jib angle 40.0 degrees)

Length of main boom = 96.5 ft Length of jib = 55.8 ft
 Main boom sequence = 0-0-0-0-90-90 % LK = 28
 Counterweight = 32.6 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
	1(0)				2(...)								
	3(90)				4(...)								
	A	B	C	D	A	B	C	D	A	B	C	D	
59.1	13.9	51	51	38	38	52	49	39	37(7)	56	31	55	36
		56	31	55	36(90)	36	36	53	53	31	56	36	55(270)
65.6	13.4	54	54	35	35	60	46	41	30(24)	61	26	58	32
		59	25	59	33(96)	33	33	55	55	25	59	33	59(263)
72.2	13.0	56	56	32	32	66	43	43	25(32)	65	21	62	28
		62	19	64	32(103)	30	30	58	58	19	61	32	64(256)
78.7	12.3	58	58	30	30	71	40	44	21(36)	69	17	64	25
		63	14	68	31(107)	28	28	60	60	14	63	31	68(252)
85.3	11.7	60	60	27	27	75	39	44	17(37)	72	13	67	22
		67	10	71	28(105)	25	25	62	62	10	66	28	71(254)
91.9	10.6	61	61	26	26	77	38	45	15(38)	74	11	69	20
		68	7	73	26(106)	24	24	63	63	7	67	27	73(253)
98.4	9.0	61	61	25	25	77	37	44	14(38)	74	10	69	20
		68	6	73	26(106)	23	23	63	63	6	67	26	73(253)
105.0	7.7	61	61	24	24	78	36	44	13(39)	75	9	69	19
		67	5	73	26(107)	22	22	63	63	4	67	26	74(252)
111.5	6.6	62	62	23	23	78	36	44	12(39)	75	7	69	18
		68	3	74	25(107)	21	21	64	64	3	67	25	74(252)
118.1	5.5	62	62	23	23	79	35	44	11(39)	76	7	70	17
		68	2	75	24(107)	21	21	64	64	2	67	25	75(252)

 HA= 96.5 HI= 55.8 GGW= 32.6 SL= 0.0 MAX(A,B,C,D)= 7.3 6.3 6.9 6.9

Main boom and fixed jib (jib angle 40.0 degrees)

Length of main boom = 100.4 ft Length of jib = 55.8 ft
 Main boom sequence = 0-0-0-0-100-100 % LK = 29

Counterweight = 32.6 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.					
	1(0)				2(...)					3(90)				
	4(...)				5(180)					6(...)				
A	B	C	D	A	B	C	D	A	B	C	D			
59.1	13.2	50	50	38	38	56	37	49	34	(59)	55	32	54	36
		55	32	54	36	(90)	37	37	52	52	32	55	36	54(270)
65.6	12.3	52	52	36	36	56	47	40	33	(18)	58	28	56	33
		58	28	56	33	(90)	34	34	54	54	28	58	34	56(269)
72.2	11.7	54	54	34	34	62	44	41	28	(27)	62	24	59	30
		60	22	61	32	(99)	32	32	56	56	22	60	32	61(260)
78.7	11.0	56	56	31	31	66	42	43	24	(33)	65	20	62	27
		61	18	64	31	(104)	29	29	58	58	17	61	32	65(255)
85.3	10.4	58	58	29	29	70	40	43	20	(36)	68	17	64	25
		63	13	68	30	(107)	27	27	60	60	13	62	30	68(252)
91.9	9.9	60	60	27	27	74	39	44	17	(37)	72	13	67	22
		66	9	71	27	(105)	25	25	62	62	9	66	27	71(254)
98.4	9.0	61	61	25	25	77	37	44	14	(38)	74	10	69	20
		68	6	73	26	(106)	23	23	63	63	6	67	26	73(253)
105.0	7.7	61	61	24	24	77	36	44	13	(39)	74	9	69	19
		67	5	73	26	(107)	22	22	63	63	5	67	26	73(252)
111.5	6.6	61	61	24	24	78	36	44	12	(39)	75	8	69	18
		68	3	74	25	(107)	21	21	63	63	3	67	25	74(252)
118.1	5.7	62	62	22	22	80	35	45	10	(40)	76	6	70	17
		68	1	75	24	(108)	20	20	64	64	1	67	25	75(251)
124.7	4.6	62	62	22	22	80	34	44	10	(40)	76	6	70	16
		68	1	75	24	(108)	20	20	64	64	1	67	24	75(251)

HA=100.4 HI= 55.8 GGW= 32.6 SL= 0.0 MAX(A,B,C,D)= 7.4 6.3 7.0 7.0

Main boom and fixed jib (jib angle 40.0 degrees)

Length of main boom = 110.2 ft Length of jib = 55.8 ft

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

Counterweight = 32.6 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.					
	1(0)				2(...)					3(90)				
	4(...)				5(180)					6(...)				
A	B	C	D	A	B	C	D	A	B	C	D			
65.6	13.4	54	54	34	34	60	45	41	30	(25)	61	26	59	32
		60	24	60	33	(97)	33	33	56	56	24	60	33	60(262)
72.2	13.0	57	57	32	32	67	42	43	24	(33)	66	21	62	28
		62	18	65	32	(104)	30	30	58	58	18	62	32	65(255)
78.7	12.6	59	59	29	29	72	41	43	20	(35)	70	16	65	24
		64	12	69	30	(108)	27	27	61	61	12	63	31	70(251)
85.3	12.1	62	62	26	26	77	38	45	15	(38)	74	11	69	21
		68	8	73	27	(106)	24	24	63	63	7	67	27	73(253)
91.9	10.4	62	62	25	25	77	38	44	15	(38)	74	11	69	20
		68	7	73	26	(106)	23	23	63	63	6	67	27	73(253)
98.4	8.8	61	61	25	25	77	37	44	14	(38)	75	9	69	19
		68	6	73	26	(106)	23	23	63	63	5	67	26	73(253)
105.0	7.5	61	61	24	24	78	36	44	13	(39)	75	9	69	19
		67	4	74	25	(107)	22	22	63	63	4	67	26	74(252)

111.5	6.4	62	62	23	23	78	36	44	11(39)	75	7	69	18
		68	3	74	25(107)	21	21	64	64	3	67	25	75(252)
118.1	5.3	62	62	23	23	79	35	44	11(39)	76	6	70	17
		68	2	75	24(107)	21	21	64	64	2	67	25	75(252)
124.7	4.4	62	62	22	22	80	34	44	9(40)	76	5	70	16
		68	0	75	24(108)	20	20	64	64	0	67	24	76(251)
131.2	3.5	62	62	21	21	80	34	44	9(40)	77	4	71	15
		67	0	77	22(108)	19	19	65	65	0	67	23	77(251)

HA=110.2 HI= 55.8 GGW= 32.6 SL= 0.0 MAX(A,B,C,D)= 7.5 6.3 7.1 7.2

Main boom and fixed jib (jib angle 40.0 degrees)
Length of main boom = 114.5 ft Length of jib = 55.8 ft
Main boom sequence = 0-0-0-45-100-100 % LK = 37
Counterweight = 32.6 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
	1(0)				2(...)								
	4(...)				5(180)				6(...)				
	A	B	C	D	A	B	C	D	A	B	C	D	
65.6	12.6	53	53	35	35	58	46	40	32(21)	59	27	57	33
		59	26	58	33(93)	34	34	54	54	26	58	33	58(266)
72.2	11.9	55	55	33	33	63	44	42	27(29)	63	23	60	30
		60	21	62	32(101)	31	31	57	57	21	60	32	62(258)
78.7	11.2	57	57	30	30	68	41	43	23(34)	67	19	63	26
		62	16	66	31(105)	28	28	59	59	16	62	31	66(254)
85.3	10.8	59	59	28	28	72	40	43	19(35)	71	15	66	23
		63	11	70	30(109)	26	26	61	61	11	63	30	70(250)
91.9	10.1	61	61	26	26	76	38	44	15(38)	74	11	68	21
		67	7	72	27(106)	24	24	63	63	7	67	27	73(253)
98.4	8.8	61	61	25	25	77	37	44	14(38)	74	10	69	19
		68	6	73	26(106)	23	23	63	63	6	67	26	73(253)
105.0	7.5	61	61	24	24	78	36	44	13(39)	75	9	69	19
		67	4	73	26(107)	22	22	63	63	4	67	26	74(252)
111.5	6.4	62	62	23	23	78	36	44	12(39)	75	7	69	18
		68	3	74	25(107)	21	21	64	64	3	67	25	74(252)
118.1	5.5	62	62	22	22	80	34	45	10(40)	76	6	70	17
		68	1	75	24(108)	20	20	64	64	1	67	25	75(251)
124.7	4.4	62	62	22	22	79	34	44	10(40)	76	6	70	16
		68	1	75	24(108)	20	20	64	64	1	67	24	75(251)
131.2	3.5	62	62	22	22	80	34	44	9(40)	77	5	70	15
		68	0	76	23(108)	19	19	64	64	0	67	23	76(251)
137.8	2.6	62	62	21	21	80	33	44	8(40)	77	4	70	15
		67	0	77	22(108)	19	19	64	64	0	66	22	77(251)

HA=114.5 HI= 55.8 GGW= 32.6 SL= 0.0 MAX(A,B,C,D)= 7.5 6.3 7.1 7.2

Main boom and fixed jib (jib angle 40.0 degrees)
Length of main boom = 124.3 ft Length of jib = 55.8 ft
Main boom sequence = 0-0-0-90-90-90 % LK = 45
Counterweight = 32.6 kip

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

	4(...)				5(180)				6(...)						
	A	B	C	D	A	B	C	D	A	B	C	D			
65.6	13.4	54	54	34	34	61	45	41	29	(26)	62	25	59	31	
		60	24	60	33	(98)	32	32	56	56	23	60	33	61	(261)
72.2	13.0	57	57	31	31	67	42	43	24	(33)	66	20	63	27	
		62	17	65	31	(104)	30	30	59	59	17	62	32	65	(255)
78.7	12.8	60	60	28	28	73	40	44	19	(36)	71	15	66	23	
		64	11	71	30	(109)	26	26	62	62	11	64	30	71	(250)
85.3	11.9	62	62	26	26	77	38	45	15	(38)	75	11	69	21	
		68	7	73	27	(106)	24	24	63	63	7	68	27	73	(253)
91.9	10.1	62	62	25	25	77	38	44	14	(38)	75	10	69	20	
		68	6	73	26	(106)	23	23	63	63	6	67	26	73	(253)
98.4	8.6	61	61	25	25	78	37	45	13	(39)	75	9	69	19	
		67	5	73	26	(107)	22	22	63	63	5	67	26	74	(252)
105.0	7.3	61	61	24	24	78	36	44	12	(39)	75	8	69	18	
		68	4	74	25	(107)	22	22	63	63	4	67	26	74	(252)
111.5	6.2	62	62	23	23	78	35	44	11	(39)	75	7	69	17	
		68	3	74	24	(107)	21	21	64	64	2	67	25	75	(252)
118.1	5.1	62	62	23	23	79	34	45	11	(40)	76	6	70	17	
		67	2	75	24	(108)	20	20	64	64	2	67	25	75	(251)
124.7	4.2	62	62	22	22	80	34	44	9	(40)	76	5	70	16	
		68	0	75	24	(108)	19	19	64	64	0	67	24	76	(251)
131.2	3.3	62	62	21	21	80	34	44	9	(40)	77	4	71	15	
		67	0	77	22	(108)	19	19	64	64	0	67	23	77	(251)
137.8	2.4	62	62	21	21	80	33	44	8	(40)	77	4	71	15	
		67	0	77	21	(108)	18	18	64	64	0	66	22	78	(251)

 HA=124.3 HI= 55.8 GGW= 32.6 SL= 0.0 MAX(A,B,C,D)= 7.5 6.3 7.2 7.2

Main boom and fixed jib (jib angle 40.0 degrees)
 Length of main boom = 130.9 ft Length of jib = 55.8 ft
 Main boom sequence = 0-0-0-100-100-100 % LK = 46
 Counterweight = 32.6 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.						
	1(0)				2(...)					3(90)					
	4(...)				5(180)				6(...)						
	A	B	C	D	A	B	C	D	A	B	C	D			
72.2	11.9	55	55	32	32	64	43	42	26	(30)	64	22	61	29	
		61	20	63	32	(102)	31	31	57	57	20	60	32	63	(257)
78.7	11.2	57	57	30	30	69	41	43	22	(35)	67	18	63	26	
		62	15	67	31	(106)	28	28	59	59	15	62	31	67	(253)
85.3	10.8	60	60	27	27	73	39	44	18	(36)	71	14	66	23	
		64	10	71	29	(109)	26	26	62	62	10	64	30	71	(250)
91.9	10.1	62	62	25	25	77	38	44	14	(38)	75	10	69	20	
		68	6	73	26	(106)	23	23	63	63	6	67	26	73	(253)
98.4	8.6	61	61	25	25	78	37	45	13	(39)	75	9	69	19	
		67	5	73	26	(107)	22	22	63	63	5	67	26	74	(252)
105.0	7.3	61	61	24	24	78	36	44	12	(39)	75	8	69	18	
		68	4	74	25	(107)	22	22	63	63	4	67	26	74	(252)
111.5	6.2	62	62	23	23	78	35	44	11	(39)	75	7	69	17	
		68	3	74	24	(107)	21	21	64	64	2	67	25	75	(252)
118.1	5.3	62	62	22	22	80	34	45	10	(40)	77	6	70	16	
		68	1	75	24	(108)	20	20	64	64	1	68	25	76	(251)

124.7 4.2 62 62 22 22 80 34 44 9(40) 76 5 70 16
 68 0 75 24(108) 20 20 64 64 0 67 24 76(251)
 131.2 3.3 62 62 21 21 80 34 44 9(40) 77 4 70 15
 68 0 76 23(108) 19 19 64 64 0 67 23 77(251)
 137.8 2.4 62 62 21 21 80 33 44 8(40) 77 4 70 15
 67 0 77 22(108) 19 19 64 64 0 66 22 77(251)

 HA=130.9 HI= 55.8 GGW= 32.6 SL= 0.0 MAX(A,B,C,D)= 7.5 6.3 7.1 7.2

Main boom and fixed jib (jib angle 40.0 degrees)
 Length of main boom = 138.1 ft Length of jib = 55.8 ft
 Main boom sequence = 0-0-45-90-90-90 % LK = 54
 Counterweight = 32.6 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.			
		1(0)		2(...)		3(90)		6(...)					
		4(...)		5(180)		6(...)							
		A	B	C	D	A	B	C	D	A	B	C	D
72.2	13.0	58	58	31	31	69	41	44	23(35)	67	19	63	27
		63	16	67	31(106)	29	29	59	59	16	62	32	67(253)
78.7	12.6	60	60	28	28	74	40	44	18(36)	72	14	67	23
		65	10	71	30(109)	26	26	62	62	10	64	30	71(250)
85.3	11.5	62	62	26	26	77	38	45	15(38)	75	11	69	21
		68	7	73	27(106)	24	24	63	63	7	68	27	73(253)
91.9	9.7	62	62	25	25	77	37	44	14(38)	75	10	69	20
		68	6	73	26(106)	23	23	63	63	6	68	26	73(253)
98.4	8.2	62	62	24	24	78	36	45	13(39)	75	9	69	19
		68	5	74	26(107)	22	22	63	63	4	67	26	74(252)
105.0	6.8	62	62	24	24	78	36	44	12(39)	75	8	69	18
		68	4	74	25(107)	21	21	64	64	3	67	25	74(252)
111.5	5.7	62	62	23	23	79	35	44	11(39)	76	7	70	17
		68	2	75	24(107)	21	21	64	64	2	68	25	75(252)
118.1	4.9	62	62	22	22	80	34	45	9(40)	77	5	71	16
		68	0	76	24(108)	20	20	65	65	0	68	24	76(251)
124.7	3.7	62	62	22	22	80	34	44	9(40)	77	4	71	15
		68	0	76	23(108)	19	19	64	64	0	67	23	77(251)
131.2	2.6	62	62	21	21	80	34	44	9(40)	76	4	70	15
		67	0	76	23(108)	19	19	64	64	0	67	23	76(251)

 HA=138.1 HI= 55.8 GGW= 32.6 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 = 145.0 ft Length of jib = 55.8 ft
 Main boom sequence = 0-0-45-100-100-100 % LK = 55
 Counterweight = 32.6 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.			
		1(0)		2(...)		3(90)		6(...)					
		4(...)		5(180)		6(...)							
		A	B	C	D	A	B	C	D	A	B	C	D
72.2	11.9	56	56	32	32	65	42	43	25(32)	65	21	61	28
		61	19	64	32(103)	30	30	58	58	19	61	32	64(256)
78.7	11.5	58	58	29	29	71	39	44	20(37)	69	17	65	25
		63	13	68	30(107)	27	27	60	60	13	63	30	69(252)

85.3	11.0	61	61	26	26	76	39	44	16(37)	73	12	68	21
		67	8	72	27(105)	24	24	63	63	8	67	27	72(254)
91.9	9.7	62	62	25	25	77	37	44	14(38)	75	10	69	20
		68	6	73	26(106)	23	23	63	63	6	68	26	73(253)
98.4	8.2	62	62	24	24	78	36	45	13(39)	75	9	69	19
		68	5	74	26(107)	22	22	63	63	4	67	26	74(252)
105.0	6.8	62	62	24	24	78	36	44	12(39)	75	8	69	18
		68	4	74	25(107)	21	21	64	64	3	67	26	74(252)
111.5	5.7	62	62	23	23	79	35	44	11(39)	76	7	70	17
		68	2	75	24(107)	21	21	64	64	2	68	25	75(252)
118.1	4.9	62	62	22	22	80	34	45	9(40)	77	5	71	16
		68	0	76	24(108)	20	20	65	65	0	68	24	76(251)
124.7	3.7	62	62	22	22	80	34	44	9(40)	77	5	70	16
		68	0	76	23(108)	19	19	64	64	0	67	24	76(251)
131.2	2.6	62	62	22	22	79	34	44	9(40)	76	5	70	16
		67	0	75	23(108)	19	19	64	64	0	67	24	76(251)

 HA=145.0 HI= 55.8 GGW= 32.6 SL= 0.0 MAX(A,B,C,D)= 7.5 6.3 7.0 7.1

Main boom and fixed jib (jib angle 40.0 degrees)
 Length of main boom = 152.2 ft Length of jib = 55.8 ft
 Main boom sequence = 0-0-90-90-90-90 % LK = 62
 Counterweight = 32.6 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
	1(0)		2(...)		3(90)		6(...)						
	A	B	C	D	A	B	C	D					
72.2	12.8	58	58	30	30	69	41	44	22(35)	68	19	64	26
		63	15	67	31(106)	28	28	60	60	15	62	31	67(253)
78.7	12.6	61	61	27	27	75	39	44	17(37)	73	13	68	22
		67	9	72	28(105)	25	25	63	63	9	67	28	72(254)
85.3	11.2	62	62	25	25	78	38	45	14(38)	75	10	69	20
		69	6	74	26(106)	23	23	64	64	6	68	27	74(253)
91.9	9.3	62	62	25	25	77	37	44	14(38)	75	10	69	19
		68	6	73	26(106)	23	23	63	63	6	68	26	74(253)
98.4	7.7	62	62	24	24	78	36	45	13(39)	75	9	69	19
		68	4	74	26(107)	22	22	63	63	4	67	26	74(252)
105.0	6.4	62	62	23	23	78	36	44	12(39)	75	7	69	18
		68	3	74	25(107)	21	21	64	64	3	67	25	74(252)
111.5	5.1	61	61	23	23	78	35	44	11(39)	75	7	69	17
		68	2	74	24(107)	21	21	63	63	2	67	25	74(252)
118.1	4.0	61	61	22	22	78	35	44	11(39)	75	6	69	17
		68	2	74	24(107)	20	20	63	63	2	67	24	75(252)
124.7	3.1	62	62	22	22	79	34	44	9(40)	76	5	70	16
		68	0	75	24(108)	19	19	64	64	0	67	24	75(251)

 HA=152.2 HI= 55.8 GGW= 32.6 SL= 0.0 MAX(A,B,C,D)= 7.4 6.3 7.0 7.0

Main boom and fixed jib (jib angle 40.0 degrees)
 Length of main boom = 161.4 ft Length of jib = 55.8 ft
 Main boom sequence = 0-0-100-100-100-100 % LK = 63
 Counterweight = 32.6 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.			
	1(0)				2(...)				3(90)			
	4(...)				5(180)				6(...)			
	A	B	C	D	A	B	C	D	A	B	C	D
78.7	11.5	59	59	28 28	72	40	43	19(35)	70	15	66	24
	64	11	70	30(108)	26	26	61	61	11	63	30	70(251)
85.3	10.8	61	61	26 26	77	38	45	15(38)	74	11	69	21
	68	7	73	27(106)	24	24	63	63	7	67	27	73(253)
91.9	9.0	61	61	25 25	77	37	44	14(38)	74	10	69	20
	68	6	73	26(106)	23	23	63	63	6	67	26	73(253)
98.4	7.5	61	61	24 24	77	36	44	13(39)	74	9	69	19
	67	5	73	26(107)	22	22	63	63	5	67	26	73(252)
105.0	6.2	61	61	24 24	78	36	44	12(39)	75	8	69	18
	67	4	74	25(107)	21	21	63	63	4	67	26	74(252)
111.5	4.9	61	61	23 23	77	35	44	12(39)	74	7	69	18
	67	3	73	25(107)	21	21	63	63	3	67	25	74(252)
118.1	3.7	61	61	23 23	78	35	44	11(39)	75	7	69	17
	67	2	74	24(107)	21	21	63	63	2	67	25	74(252)
124.7	2.9	61	61	22 22	78	34	44	10(40)	75	6	69	16
	67	1	75	24(108)	20	20	63	63	1	67	24	75(251)

HA=161.4 HI= 55.8 GGW= 32.6 SL= 0.0 MAX(A,B,C,D)= 7.3 6.2 6.9 6.9

Main boom and fixed jib (jib angle 40.0 degrees)
Length of main boom = 166.0 ft Length of jib = 55.8 ft
Main boom sequence = 0-45-90-90-90-90 % LK = 68
Counterweight = 32.6 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.			
	1(0)				2(...)				3(90)			
	4(...)				5(180)				6(...)			
	A	B	C	D	A	B	C	D	A	B	C	D
78.7	11.9	61	61	27 27	75	39	44	17(37)	73	13	68	22
	67	9	71	27(105)	25	25	63	63	9	67	28	72(254)
85.3	9.9	61	61	26 26	75	39	44	16(37)	73	12	68	21
	67	8	72	26(105)	24	24	63	63	8	67	27	72(254)
91.9	8.2	61	61	25 25	76	37	44	15(38)	73	11	68	20
	67	7	72	26(106)	23	23	63	63	6	66	26	72(253)
98.4	6.6	60	60	25 25	76	37	44	14(38)	73	9	68	19
	67	6	72	26(106)	22	22	63	63	5	66	26	73(253)
105.0	5.3	60	60	24 24	77	35	44	13(39)	74	8	68	19
	67	4	73	25(107)	22	22	63	63	4	66	26	73(252)
111.5	4.0	60	60	24 24	77	35	44	12(39)	73	8	68	18
	66	4	73	25(107)	21	21	63	63	4	66	25	73(252)
118.1	2.9	60	60	23 23	77	35	43	11(39)	74	7	68	17
	66	3	73	24(107)	21	21	63	63	3	66	25	73(252)

HA=166.0 HI= 55.8 GGW= 32.6 SL= 0.0 MAX(A,B,C,D)= 7.1 6.2 6.8 6.8

Main boom and fixed jib (jib angle 40.0 degrees)
Length of main boom = 175.5 ft Length of jib = 55.8 ft
Main boom sequence = 0-45-100-100-100-100 % LK = 69
Counterweight = 32.6 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.					
	1(0)				2(...)				3(90)					
	4(...)				5(180)				6(...)					
	A	B	C	D	A	B	C	D	A	B	C	D		
85.3	9.7	60	60	26	26	75	39	44	16	(37)	73	12	67	21
		67	8	71	27(105)	24	24	62	62	8	66	27	71(254)	
91.9	7.9	60	60	26	26	75	38	43	15	(37)	73	11	67	21
		67	7	71	26(105)	23	23	62	62	7	66	26	72(254)	
98.4	6.4	60	60	25	25	75	37	44	14	(38)	73	10	67	20
		66	6	72	26(106)	23	23	62	62	6	66	26	72(253)	
105.0	5.1	60	60	24	24	76	36	43	13	(38)	73	9	68	19
		67	5	72	25(106)	22	22	62	62	5	66	26	72(253)	
111.5	3.7	60	60	24	24	75	36	43	13	(38)	73	8	67	19
		66	4	72	25(106)	21	21	62	62	4	66	25	72(253)	
118.1	2.6	60	60	23	23	76	35	43	12	(38)	73	8	68	18
		66	4	72	24(106)	21	21	62	62	4	66	25	72(253)	

HA=175.5 HI= 55.8 GGW= 32.6 SL= 0.0 MAX(A,B,C,D)= 7.0 6.2 6.7 6.7

Main boom and fixed jib (jib angle 40.0 degrees)
Length of main boom = 180.1 ft Length of jib = 55.8 ft
Main boom sequence = 0-90-90-90-90-90 % LK = 73
Counterweight = 32.6 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.					
	1(0)				2(...)				3(90)					
	4(...)				5(180)				6(...)					
	A	B	C	D	A	B	C	D	A	B	C	D		
85.3	8.8	60	60	27	27	74	38	44	17	(37)	71	13	67	22
		66	9	70	27(105)	24	24	62	62	9	65	27	71(254)	
91.9	7.1	60	60	26	26	74	38	43	16	(37)	72	11	67	21
		66	8	71	26(105)	24	24	62	62	8	65	27	71(254)	
98.4	5.5	59	59	25	25	74	37	43	15	(37)	72	11	67	20
		66	7	71	26(105)	23	23	62	62	7	65	26	71(254)	
105.0	4.2	59	59	24	24	75	36	43	14	(38)	72	9	67	19
		66	6	71	25(106)	22	22	62	62	6	65	26	71(253)	
111.5	2.9	59	59	24	24	74	36	43	13	(38)	72	9	67	19
		65	5	71	25(106)	22	22	62	62	5	65	25	71(253)	

HA=180.1 HI= 55.8 GGW= 32.6 SL= 0.0 MAX(A,B,C,D)= 6.9 6.1 6.6 6.6

Main boom and fixed jib (jib angle 40.0 degrees)
Length of main boom = 191.9 ft Length of jib = 55.8 ft
Main boom sequence = 0-100-100-100-100-100 % LK = 74
Counterweight = 32.6 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.					
	1(0)				2(...)				3(90)					
	4(...)				5(180)				6(...)					
	A	B	C	D	A	B	C	D	A	B	C	D		
85.3	8.4	59	59	27	27	73	39	43	17	(36)	71	13	66	22
		66	10	69	27(104)	25	25	61	61	10	65	27	69(255)	
91.9	6.6	59	59	26	26	73	38	43	17	(36)	71	12	66	21
		65	9	69	26(104)	24	24	61	61	9	65	27	70(255)	

98.4 5.1 59 59 26 26 73 37 43 16(37) 71 11 66 21
 65 8 70 26(105) 23 23 61 61 8 65 26 70(254)
 105.0 3.7 59 59 25 25 73 37 43 15(37) 71 11 66 20
 65 7 70 26(105) 23 23 61 61 7 65 26 70(254)
 111.5 2.6 59 59 24 24 74 36 43 14(38) 71 9 66 19
 65 6 71 25(106) 22 22 61 61 5 65 26 71(253)

 HA=191.9 HI= 55.8 GGW= 32.6 SL= 0.0 MAX(A,B,C,D)= 6.9 6.1 6.6 6.6

HA=191.9 HI= 55.8 GGW= 32.6 SL= 0.0 MAX(A,B,C,D)= 0.0 0.0 0.0 0.0

HA=191.9 HI= 55.8 GGW= 32.6 SL= 0.0 MAX(A,B,C,D)= 0.0 0.0 0.0 0.0

HA=191.9 HI= 55.8 GGW= 32.6 SL= 0.0 MAX(A,B,C,D)= 0.0 0.0 0.0 0.0

HA=191.9 HI= 55.8 GGW= 32.6 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

14.10.2003, 15:37:22

Eingabedatei: ilam.dat

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

Tabellendat.: /berechnung/tabellen/ac/ac200-1/serie_3/pc_tab/22137312_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 = 55.8 ft

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

Counterweight = 28.7 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.			
	1(0)	2(...)	3(90)	4(...)	5(180)	6(...)	7(90)	8(0)				
	A	B	C	D	A	B	C	D	A	B	C	D
9.8 33.1	42	42	54	54	37	53	45	58(59)	38	57	41	56
	44	59	39	51(128)	53	53	43	43	59	44	51	39(232)
11.5 32.6	43	43	53	53	39	52	46	56(59)	40	55	43	54
	45	56	41	50(128)	52	52	44	44	56	45	50	41(232)
13.1 32.2	44	44	51	51	41	50	46	53(59)	42	53	44	52
	45	54	43	50(128)	51	51	45	45	54	45	50	43(232)
14.8 31.5	45	45	50	50	43	49	47	51(59)	44	51	45	51
	46	51	45	49(128)	49	49	46	46	51	46	49	45(232)

16.4	30.9	46	46	49	49	45	48	47	49(59)	46	49	47	49
		47	49	47	48(127)	48	48	47	47	49	47	48	47(232)
19.7	29.8	48	48	47	47	49	46	49	46(59)	49	45	49	46
		48	44	50	47(128)	45	45	49	49	44	48	47	50(232)
23.0	28.2	50	50	44	44	52	43	49	42(59)	52	41	51	43
		49	40	52	46(128)	43	43	50	50	40	49	46	52(232)
26.2	26.9	51	51	42	42	56	41	50	39(59)	54	38	53	41
		50	36	55	45(128)	41	41	52	52	36	50	45	55(232)
29.5	25.4	52	52	40	40	58	39	50	36(59)	56	35	55	38
		56	35	55	38(90)	39	39	53	53	35	56	38	55(270)
32.8	24.0	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)
39.4	21.8	55	55	35	35	62	47	42	30(25)	63	26	60	32
		61	25	61	34(97)	34	34	57	57	25	61	34	61(262)
45.9	19.8	57	57	32	32	67	43	43	25(32)	66	22	62	29
		63	19	65	32(103)	31	31	59	59	19	62	32	65(256)
52.5	18.1	59	59	30	30	71	41	44	21(36)	69	18	65	26
		64	14	69	31(107)	28	28	61	61	14	63	31	69(252)
59.1	16.8	61	61	27	27	75	39	44	17(37)	73	14	67	22
		67	10	71	28(105)	26	26	62	62	10	67	28	71(254)
65.6	15.0	62	62	26	26	77	38	45	15(38)	75	11	69	20
		68	7	73	26(106)	24	24	63	63	7	67	27	73(253)
72.2	12.8	61	61	25	25	77	37	44	14(38)	75	9	69	19
		68	6	73	26(106)	23	23	63	63	5	67	26	73(253)
78.7	10.8	61	61	24	24	77	36	44	13(39)	74	9	69	19
		67	4	73	25(107)	22	22	63	63	4	67	26	73(252)

HA= 40.7 HI= 55.8 GGW= 28.7 SL= 0.0 MAX(A,B,C,D)= 7.2 6.3 6.8 6.8

Main boom and fixed jib (jib angle 0.0 degrees)

Length of main boom = 54.5 ft Length of jib = 55.8 ft

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

Counterweight = 28.7 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
	1(0)		2(...)		3(90)		6(...)						
	4(...)		5(180)		6(...)								
	A	B	C	D	A	B	C	D	A	B	C	D	
13.1	30.9	43	43	52	52	40	50	46	54(59)	41	53	43	52
		45	54	42	49(128)	51	51	44	44	54	45	49	42(232)
14.8	30.4	45	45	50	50	42	49	47	52(59)	43	51	45	51
		45	52	44	49(128)	49	49	45	45	52	45	49	44(232)
16.4	30.0	46	46	49	49	44	48	47	50(59)	45	49	46	49
		46	49	46	48(128)	48	48	47	47	49	46	48	46(232)
19.7	29.1	48	48	47	47	48	46	48	46(59)	48	45	49	47
		47	45	49	47(127)	46	46	49	49	45	47	47	49(232)
23.0	28.2	49	49	44	44	52	44	49	43(59)	51	41	51	44
		49	41	52	46(128)	43	43	50	50	41	49	46	52(232)
26.2	27.1	51	51	42	42	56	41	50	39(59)	54	38	53	41
		50	37	55	45(128)	41	41	52	52	37	50	45	55(232)
29.5	26.0	52	52	40	40	59	40	51	36(59)	57	35	55	38
		57	35	55	38(90)	39	39	54	54	35	57	38	55(270)
32.8	24.9	54	54	38	38	57	50	41	36(13)	59	32	57	36
		59	32	57	36(90)	37	37	55	55	32	59	36	57(270)

39.4	22.5	56	56	35	35	63	47	43	30(26)	63	26	60	32
		62	25	62	34(98)	34	34	57	57	25	61	34	62(261)
45.9	20.9	58	58	32	32	69	43	44	25(33)	67	21	63	28
		63	19	66	32(104)	30	30	60	60	18	63	32	66(255)
52.5	19.2	60	60	29	29	73	40	45	20(37)	71	17	66	25
		65	13	70	31(108)	28	28	62	62	13	64	31	70(251)
59.1	17.6	62	62	27	27	76	39	45	17(37)	74	13	68	22
		68	9	72	27(105)	25	25	63	63	9	68	28	73(254)
65.6	15.4	62	62	26	26	77	38	45	15(38)	75	11	69	20
		68	7	73	26(106)	24	24	64	64	7	68	27	74(253)
72.2	13.0	61	61	25	25	77	37	44	14(38)	74	10	69	20
		68	6	73	26(106)	23	23	63	63	6	67	26	73(253)
78.7	11.0	61	61	24	24	77	37	44	13(38)	74	9	68	19
		67	5	73	25(106)	22	22	63	63	5	67	26	73(253)
85.3	9.5	61	61	24	24	77	35	44	12(39)	74	8	69	18
		67	4	73	25(107)	21	21	63	63	4	66	25	73(252)
91.9	8.2	61	61	23	23	77	35	44	11(39)	74	7	69	17
		67	3	73	24(107)	21	21	63	63	2	66	25	74(252)

HA= 54.5 HI= 55.8 GGW= 28.7 SL= 0.0 MAX(A,B,C,D)= 7.2 6.3 6.8 6.8

Main boom and fixed jib (jib angle 0.0 degrees)

Length of main boom = 68.6 ft Length of jib = 55.8 ft

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

Counterweight = 28.7 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
	1(0)		2(...)		3(90)		6(...)						
	A	B	C	D	A	B	C	D	A	B	C	D	
16.4	28.2	45	45	49	49	43	48	46	50(59)	43	50	45	50
		45	50	44	48(128)	48	48	45	45	50	45	48	44(232)
19.7	27.6	47	47	47	47	47	46	47	47(59)	47	46	48	47
		46	46	48	47(127)	46	46	48	48	46	46	47	48(232)
23.0	26.9	48	48	45	45	50	44	49	43(59)	50	42	50	44
		48	41	51	46(128)	44	44	49	49	41	48	46	51(232)
26.2	26.2	50	50	43	43	54	42	50	40(59)	53	39	52	41
		49	37	54	45(128)	41	41	51	51	37	49	45	54(232)
29.5	25.6	52	52	41	41	58	40	50	37(59)	56	35	55	39
		56	35	55	39(90)	39	39	53	53	35	56	39	55(270)
32.8	24.5	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)
39.4	22.7	56	56	35	35	63	47	43	30(26)	63	26	60	32
		62	25	62	34(98)	34	34	57	57	25	61	34	62(261)
45.9	20.9	58	58	32	32	68	43	44	25(33)	67	21	63	28
		63	19	66	32(104)	31	31	60	60	19	63	33	66(255)
52.5	19.2	60	60	30	30	73	40	45	21(37)	71	17	66	25
		64	14	70	31(108)	28	28	61	61	13	64	31	70(251)
59.1	17.2	61	61	28	28	75	39	45	18(37)	73	14	67	23
		65	10	72	30(109)	26	26	62	62	10	65	30	72(250)
65.6	15.2	61	61	26	26	77	38	45	15(38)	74	11	68	21
		67	7	73	27(106)	24	24	63	63	7	67	27	73(253)
72.2	13.2	61	61	25	25	77	37	44	14(38)	74	10	69	20
		68	6	73	26(106)	23	23	63	63	6	67	26	73(253)

78.7	11.2	61	61	24	24	77	37	44	13(38)	74	9	69	19
		67	5	73	25(106)	22	22	63	63	5	67	26	73(253)
85.3	9.5	60	60	24	24	76	36	43	13(38)	74	8	68	19
		67	4	73	25(106)	22	22	63	63	4	67	25	73(253)
91.9	8.2	60	60	23	23	77	35	44	12(39)	74	7	68	18
		67	3	73	25(107)	21	21	63	63	3	66	25	73(252)
98.4	7.1	60	60	23	23	77	35	43	11(39)	74	7	69	17
		67	2	73	24(107)	20	20	63	63	2	66	24	73(252)
105.0	6.2	61	61	22	22	78	34	44	10(40)	75	5	69	16
		67	1	74	24(108)	19	19	63	63	1	66	24	74(251)
111.5	5.3	61	61	21	21	78	33	44	9(40)	75	5	69	16
		67	0	75	23(108)	19	19	63	63	0	66	24	75(251)

HA= 68.6 HI= 55.8 GGW= 28.7 SL= 0.0 MAX(A,B,C,D)= 7.3 6.2 6.9 6.9

Main boom and fixed jib (jib angle 0.0 degrees)
 Length of main boom = 70.2 ft Length of jib = 55.8 ft
 Main boom sequence = 0-0-0-0-100 % LK = 14
 Counterweight = 28.7 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.
		1(0)		2(...)		3(90)		6(...)		
		4(...)		5(180)		6(...)				
		A	B	C	D	A	B	C	D	
16.4	28.0	44	44	49	49	43	48	46	50(59)	43 50 45 50
		45	50	44	48(128)	48	48	45	45	50 45 48 44(232)
19.7	27.3	46	46	47	47	47	46	47	47(59)	47 46 47 47
		46	46	47	47(127)	46	46	47	47	46 46 47 47(232)
23.0	26.7	48	48	45	45	50	44	48	43(59)	50 42 50 44
		48	42	51	46(128)	44	44	49	49	42 48 46 51(232)
26.2	26.0	50	50	43	43	54	42	49	40(59)	53 39 52 41
		49	37	54	45(128)	41	41	51	51	37 49 45 54(232)
29.5	25.4	52	52	41	41	58	40	50	37(59)	56 35 55 39
		56	35	55	39(90)	39	39	53	53	35 56 39 55(270)
32.8	24.0	53	53	39	39	54	51	40	38(8)	58 32 56 37
		58	32	56	37(90)	38	38	54	54	32 58 37 56(270)
39.4	21.4	54	54	36	36	60	47	42	32(23)	61 28 59 33
		60	27	60	34(95)	34	34	56	56	27 60 34 60(264)
45.9	18.5	55	55	34	34	63	45	42	28(28)	63 24 60 30
		61	22	62	33(100)	32	32	57	57	22 60 33 62(259)
52.5	17.0	57	57	31	31	67	42	43	24(33)	66 20 63 27
		62	17	65	31(104)	30	30	59	59	17 62 32 65(255)
59.1	15.2	58	58	29	29	70	40	44	21(36)	68 17 64 25
		63	14	68	30(107)	27	27	60	60	13 62 31 68(252)
65.6	13.4	59	59	28	28	71	40	43	19(35)	70 15 65 23
		63	11	69	29(108)	26	26	61	61	11 63 30 69(251)
72.2	12.1	60	60	26	26	74	38	43	16(37)	72 12 67 21
		66	8	70	27(105)	24	24	62	62	8 65 27 71(254)
78.7	11.2	61	61	24	24	77	37	44	13(38)	74 9 68 19
		67	5	73	25(106)	22	22	63	63	5 67 26 73(253)
85.3	9.5	60	60	24	24	76	36	43	13(38)	74 9 68 19
		67	4	73	25(106)	22	22	63	63	4 66 25 73(253)
91.9	8.2	60	60	23	23	77	35	44	12(39)	74 7 68 18
		67	3	73	25(107)	21	21	63	63	3 66 25 73(252)

98.4 7.1 60 60 23 23 77 35 43 11(39) 74 7 69 17
 67 2 73 24(107) 20 20 63 63 2 66 24 73(252)
 105.0 6.2 61 61 22 22 78 34 44 10(40) 75 6 69 16
 67 1 74 24(108) 19 19 63 63 1 66 24 74(251)
 111.5 5.3 61 61 22 22 78 33 44 9(40) 75 5 69 16
 67 0 74 23(108) 19 19 63 63 0 66 24 75(251)

 HA= 70.2 HI= 55.8 GGW= 28.7 SL= 0.0 MAX(A,B,C,D)= 7.3 6.2 6.9 6.9

Main boom and fixed jib (jib angle 0.0 degrees)

Length of main boom = 82.3 ft Length of jib = 55.8 ft

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

Counterweight = 28.7 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
		1(0)		2(...)		3(90)		6(...)						
		A	B	C	D	A	B	C	D		A	B	C	D
19.7	26.7	46	46	47	47	46	46	47	47(59)	46	46	47	47	
		46	46	47	47(127)	46	46	47	47	46	46	47	47(232)	
23.0	26.0	48	48	45	45	50	44	48	44(59)	49	42	50	44	
		47	42	50	46(128)	44	44	49	49	42	47	46	50(232)	
26.2	25.4	50	50	43	43	54	42	49	40(59)	52	39	52	42	
		49	38	53	45(128)	41	41	51	51	38	49	45	53(232)	
29.5	24.9	52	52	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)	
32.8	24.3	53	53	39	39	56	50	41	37(11)	59	32	57	36	
		59	32	57	36(90)	37	37	54	54	32	59	36	57(270)	
39.4	22.9	56	56	35	35	63	46	43	30(27)	64	26	61	32	
		62	24	62	34(99)	34	34	58	58	24	62	34	62(260)	
45.9	21.4	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)	
52.5	19.8	61	61	29	29	74	41	45	19(36)	72	16	67	24	
		65	12	71	31(109)	27	27	62	62	12	65	31	71(250)	
59.1	18.3	62	62	26	26	78	39	45	15(38)	75	12	69	21	
		69	8	74	27(106)	25	25	64	64	8	68	28	74(253)	
65.6	15.4	62	62	26	26	78	38	45	14(38)	75	11	69	20	
		68	7	73	26(106)	24	24	64	64	6	68	27	74(253)	
72.2	13.0	61	61	25	25	77	37	44	14(38)	75	10	69	19	
		68	6	73	26(106)	23	23	63	63	6	67	26	73(253)	
78.7	11.0	61	61	24	24	77	36	44	13(39)	74	9	69	19	
		67	5	73	26(107)	22	22	63	63	4	67	26	73(252)	
85.3	9.3	60	60	24	24	77	35	44	12(39)	74	8	68	18	
		67	4	73	25(107)	22	22	63	63	4	66	26	73(252)	
91.9	7.9	60	60	23	23	77	35	44	12(39)	74	7	68	18	
		67	3	73	24(107)	21	21	63	63	3	66	25	73(252)	
98.4	6.8	61	61	22	22	77	35	43	11(39)	74	6	69	17	
		67	2	73	24(107)	20	20	63	63	2	66	24	74(252)	
105.0	5.7	60	60	22	22	77	34	43	10(39)	74	6	69	16	
		67	1	73	24(107)	20	20	63	63	1	66	24	74(252)	
111.5	4.9	60	60	22	22	78	33	43	9(40)	75	5	69	16	
		66	0	74	24(108)	19	19	63	63	0	66	24	74(251)	
118.1	4.2	61	61	21	21	79	33	43	8(40)	75	4	69	15	
		66	0	76	22(108)	18	18	63	63	0	65	22	76(251)	

124.7 3.3 60 60 21 21 78 33 43 8(40) 75 4 69 15
 65 0 75 22(108) 18 18 63 63 0 65 22 76(251)

HA= 82.3 HI= 55.8 GGW= 28.7 SL= 0.0 MAX(A,B,C,D)= 7.3 6.3 7.0 7.1

Main boom and fixed jib (jib angle 0.0 degrees)
 Length of main boom = 84.0 ft Length of jib = 55.8 ft
 Main boom sequence = 0-0-0-0-45-100 % LK = 21
 Counterweight = 28.7 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.
	1(0)				2(...)				
	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	
19.7 26.2	46 46 47 47	46 46 47 47	46 46 47 47	46 46 47 47	46 46 47 47	46 46 47 47	46 46 47 47	46 46 47 47	
	46 46 47 47(127)	46 46 47 47	46 46 47 47	46 46 47 47	46 46 47 47	46 46 47 47	46 46 47 47	46 46 47 47(232)	
23.0 25.8	48 48 45 45	50 44 48 44	50 44 48 44	50 44 48 44	50 44 48 44	50 44 48 44	50 44 48 44	50 44 48 44	
	47 42 50 46(128)	44 44 49 49	44 44 49 49	44 44 49 49	44 44 49 49	44 44 49 49	44 44 49 49	44 44 49 49(232)	
26.2 25.1	49 49 43 43	53 42 49 40	53 42 49 40	53 42 49 40	53 42 49 40	53 42 49 40	53 42 49 40	53 42 49 40	
	48 38 53 45(128)	42 42 51 51	42 42 51 51	42 42 51 51	42 42 51 51	42 42 51 51	42 42 51 51	42 42 51 53(232)	
29.5 24.7	51 51 41 41	57 40 50 37	57 40 50 37	57 40 50 37	57 40 50 37	57 40 50 37	57 40 50 37	57 40 50 37	
	55 35 54 39(90)	39 39 53 53	39 39 53 53	39 39 53 53	39 39 53 53	39 39 53 53	39 39 53 53	39 39 53 54(270)	
32.8 24.0	53 53 39 39	55 51 40 37	55 51 40 37	55 51 40 37	55 51 40 37	55 51 40 37	55 51 40 37	55 51 40 37	
	58 32 56 37(90)	37 37 54 54	37 37 54 54	37 37 54 54	37 37 54 54	37 37 54 54	37 37 54 54	37 37 54 56(270)	
39.4 22.0	55 55 35 35	62 47 42 31	62 47 42 31	62 47 42 31	62 47 42 31	62 47 42 31	62 47 42 31	62 47 42 31	
	61 26 61 34(97)	34 34 57 57	34 34 57 57	34 34 57 57	34 34 57 57	34 34 57 57	34 34 57 57	34 34 57 61(262)	
45.9 20.1	57 57 33 33	67 43 43 26	67 43 43 26	67 43 43 26	67 43 43 26	67 43 43 26	67 43 43 26	67 43 43 26	
	63 20 65 32(103)	31 31 59 59	31 31 59 59	31 31 59 59	31 31 59 59	31 31 59 59	31 31 59 59	31 31 59 65(256)	
52.5 17.9	58 58 30 30	70 41 44 22	70 41 44 22	70 41 44 22	70 41 44 22	70 41 44 22	70 41 44 22	70 41 44 26	
	63 15 67 31(106)	29 29 60 60	29 29 60 60	29 29 60 60	29 29 60 60	29 29 60 60	29 29 60 60	29 29 60 68(253)	
59.1 16.3	60 60 28 28	73 40 44 19	73 40 44 19	73 40 44 19	73 40 44 19	73 40 44 19	73 40 44 19	73 40 44 23	
	64 11 71 30(109)	26 26 62 62	26 26 62 62	26 26 62 62	26 26 62 62	26 26 62 62	26 26 62 62	26 26 62 71(250)	
65.6 15.0	61 61 26 26	77 38 45 15	77 38 45 15	77 38 45 15	77 38 45 15	77 38 45 15	77 38 45 15	77 38 45 21	
	67 7 73 27(106)	24 24 63 63	24 24 63 63	24 24 63 63	24 24 63 63	24 24 63 63	24 24 63 63	24 24 63 73(253)	
72.2 13.0	61 61 25 25	77 37 44 14	77 37 44 14	77 37 44 14	77 37 44 14	77 37 44 14	77 37 44 14	77 37 44 19	
	68 6 73 26(106)	23 23 63 63	23 23 63 63	23 23 63 63	23 23 63 63	23 23 63 63	23 23 63 63	23 23 63 73(253)	
78.7 11.0	61 61 24 24	77 37 44 13	77 37 44 13	77 37 44 13	77 37 44 13	77 37 44 13	77 37 44 13	77 37 44 19	
	67 5 73 25(106)	22 22 63 63	22 22 63 63	22 22 63 63	22 22 63 63	22 22 63 63	22 22 63 63	22 22 63 73(253)	
85.3 9.3	60 60 24 24	77 35 44 13	77 35 44 13	77 35 44 13	77 35 44 13	77 35 44 13	77 35 44 13	77 35 44 18	
	67 4 73 25(107)	22 22 63 63	22 22 63 63	22 22 63 63	22 22 63 63	22 22 63 63	22 22 63 63	22 22 63 73(252)	
91.9 7.9	60 60 23 23	77 35 44 12	77 35 44 12	77 35 44 12	77 35 44 12	77 35 44 12	77 35 44 12	77 35 44 18	
	67 3 73 24(107)	21 21 63 63	21 21 63 63	21 21 63 63	21 21 63 63	21 21 63 63	21 21 63 63	21 21 63 73(252)	
98.4 6.8	60 60 22 22	77 35 43 11	77 35 43 11	77 35 43 11	77 35 43 11	77 35 43 11	77 35 43 11	77 35 43 17	
	67 2 73 24(107)	20 20 63 63	20 20 63 63	20 20 63 63	20 20 63 63	20 20 63 63	20 20 63 63	20 20 63 74(252)	
105.0 5.7	60 60 22 22	77 34 43 10	77 34 43 10	77 34 43 10	77 34 43 10	77 34 43 10	77 34 43 10	77 34 43 17	
	67 1 73 24(107)	20 20 63 63	20 20 63 63	20 20 63 63	20 20 63 63	20 20 63 63	20 20 63 63	20 20 63 74(252)	
111.5 5.1	61 61 21 21	79 33 44 9	79 33 44 9	79 33 44 9	79 33 44 9	79 33 44 9	79 33 44 9	79 33 44 15	
	67 0 75 23(108)	19 19 63 63	19 19 63 63	19 19 63 63	19 19 63 63	19 19 63 63	19 19 63 63	19 19 63 75(251)	
118.1 4.2	61 61 21 21	79 33 43 9	79 33 43 9	79 33 43 9	79 33 43 9	79 33 43 9	79 33 43 9	79 33 43 15	
	66 0 75 22(108)	18 18 63 63	18 18 63 63	18 18 63 63	18 18 63 63	18 18 63 63	18 18 63 63	18 18 63 76(251)	
124.7 3.3	60 60 21 21	78 33 43 9	78 33 43 9	78 33 43 9	78 33 43 9	78 33 43 9	78 33 43 9	78 33 43 15	
	65 0 75 22(108)	18 18 63 63	18 18 63 63	18 18 63 63	18 18 63 63	18 18 63 63	18 18 63 63	18 18 63 75(251)	

HA= 84.0 HI= 55.8 GGW= 28.7 SL= 0.0 MAX(A,B,C,D)= 7.3 6.2 7.0 7.0

 Main boom and fixed jib (jib angle 0.0 degrees)
 Length of main boom = 96.5 ft Length of jib = 55.8 ft
 Main boom sequence = 0-0-0-0-90-90 % LK = 28
 Counterweight = 28.7 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.					
		1(0)		2(...)		3(90)		6(...)							
		A	B	C	D	A	B	C	D		A	B	C	D	
23.0	24.5	47	47	45	45	49	44	48	44	(59)	48	43	49	45	
		47	42	49	46(128)	44	44	48	48		42	47	46	49(232)	
26.2	24.0	49	49	43	43	52	42	49	41	(59)	51	39	51	42	
		48	38	52	45(128)	42	42	50	50		38	48	45	52(232)	
29.5	23.6	51	51	41	41	56	40	50	37	(59)	54	36	54	39	
		54	36	54	39(90)	39	39	52	52		36	54	39	54(270)	
32.8	23.1	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)	
39.4	22.3	56	56	35	35	63	47	42	30	(26)	63	26	60	32	
		62	25	62	34(98)	34	34	57	57		25	61	34	62(261)	
45.9	20.9	58	58	32	32	69	43	44	24	(34)	68	21	64	28	
		63	18	67	32(105)	30	30	60	60		18	63	32	67(254)	
52.5	19.8	61	61	29	29	75	41	45	19	(36)	73	15	67	24	
		65	11	72	31(109)	27	27	63	63		11	65	31	72(250)	
59.1	18.3	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	75(253)	
65.6	15.2	62	62	25	25	78	38	45	14	(38)	75	10	69	20	
		68	6	74	26(106)	24	24	64	64		6	68	27	74(253)	
72.2	12.8	61	61	25	25	77	37	44	14	(38)	75	9	69	19	
		68	6	73	26(106)	23	23	63	63		5	67	26	73(253)	
78.7	10.8	61	61	24	24	77	36	44	13	(39)	74	9	69	19	
		67	4	73	25(107)	22	22	63	63		4	67	26	73(252)	
85.3	9.0	60	60	24	24	77	35	44	12	(39)	74	8	68	18	
		67	4	73	25(107)	21	21	63	63		4	66	26	73(252)	
91.9	7.7	60	60	23	23	77	35	44	11	(39)	74	7	69	17	
		67	3	73	24(107)	21	21	63	63		3	66	25	73(252)	
98.4	6.6	61	61	22	22	78	35	43	11	(39)	75	6	69	17	
		67	2	74	24(107)	20	20	63	63		2	66	24	74(252)	
105.0	5.5	60	60	22	22	78	34	43	10	(39)	74	6	69	16	
		67	1	74	23(107)	19	19	63	63		1	66	24	74(252)	
111.5	4.6	60	60	21	21	78	33	43	9	(40)	75	5	69	16	
		66	0	74	23(108)	19	19	63	63		0	66	24	75(251)	
118.1	3.7	60	60	21	21	78	33	43	9	(40)	75	4	69	15	
		66	0	75	22(108)	19	19	63	63		0	65	23	75(251)	
124.7	3.1	60	60	21	21	78	33	43	8	(40)	75	4	69	15	
		65	0	76	21(108)	18	18	63	63		0	65	22	76(251)	
131.2	2.4	60	60	20	20	79	32	43	8	(40)	75	3	69	14	
		65	0	77	20(108)	17	17	63	63		0	64	21	77(251)	

 HA= 96.5 HI= 55.8 GGW= 28.7 SL= 0.0 MAX(A,B,C,D)= 7.3 6.4 7.1 7.1

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

Counterweight = 28.7 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.					
	1(0)		2(...)		3(90)		6(...)							
	4(...)				5(180)									
	A	B	C	D	A	B	C	D	A	B	C	D		
23.0	23.8	47	47	45	45	48	44	47	44	(59)	47	43	48	45
		46	43	49	46(128)	44	44	48	48		43	46	46	49(232)
26.2	23.4	48	48	43	43	51	42	48	41	(59)	50	39	50	42
		47	39	52	45(128)	42	42	50	50		39	47	45	52(232)
29.5	23.1	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)
32.8	22.7	52	52	39	39	53	51	39	39	(3)	57	33	55	37
		57	33	55	37(90)	38	38	53	53		33	57	37	55(270)
39.4	21.6	55	55	35	35	62	47	42	31	(25)	62	27	60	32
		61	26	61	34(97)	34	34	57	57		26	61	34	61(262)
45.9	20.3	58	58	32	32	68	43	44	25	(33)	67	21	63	28
		63	19	66	32(104)	31	31	59	59		19	63	32	66(255)
52.5	18.5	59	59	30	30	72	40	45	21	(37)	70	17	65	25
		64	14	69	31(107)	28	28	61	61		14	64	31	69(252)
59.1	17.0	61	61	27	27	75	39	45	17	(37)	73	13	68	22
		67	10	72	28(105)	25	25	63	63		9	67	28	72(254)
65.6	15.2	62	62	25	25	78	38	45	14	(38)	75	10	69	20
		69	6	74	26(106)	24	24	64	64		6	68	27	74(253)
72.2	12.8	61	61	25	25	77	37	44	14	(38)	75	9	69	19
		68	6	73	26(106)	23	23	63	63		5	67	26	73(253)
78.7	10.8	61	61	24	24	77	36	44	13	(39)	74	9	69	19
		67	4	73	25(107)	22	22	63	63		4	67	26	73(252)
85.3	9.0	61	61	24	24	77	35	44	12	(39)	74	8	68	18
		67	4	73	25(107)	21	21	63	63		4	66	26	73(252)
91.9	7.7	60	60	23	23	77	35	44	11	(39)	74	7	69	17
		67	3	73	24(107)	21	21	63	63		3	66	25	73(252)
98.4	6.6	61	61	22	22	78	35	43	11	(39)	75	6	69	17
		67	2	74	24(107)	20	20	63	63		1	67	24	74(252)
105.0	5.5	60	60	22	22	78	34	43	10	(39)	74	6	69	16
		67	1	74	23(107)	19	19	63	63		1	66	24	74(252)
111.5	4.6	60	60	21	21	78	33	43	9	(40)	75	5	69	16
		66	0	74	23(108)	19	19	63	63		0	66	24	75(251)
118.1	3.7	60	60	21	21	78	33	43	9	(40)	75	4	69	15
		66	0	75	22(108)	19	19	63	63		0	65	23	75(251)
124.7	3.1	61	61	21	21	79	32	43	8	(40)	75	3	69	15
		65	0	76	21(108)	18	18	63	63		0	65	21	76(251)
131.2	2.2	60	60	21	21	78	32	43	8	(40)	74	4	69	15
		65	0	75	22(108)	18	18	63	63		0	64	22	75(251)

HA=100.4 HI= 55.8 GGW= 28.7 SL= 0.0 MAX(A,B,C,D)= 7.3 6.3 7.1 7.1

Main boom and fixed jib (jib angle 0.0 degrees)
 Length of main boom = 110.2 ft Length of jib = 55.8 ft
 Main boom sequence = 0-0-0-45-90-90 % LK = 36
 Counterweight = 28.7 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.
	1(0)		2(...)		3(90)		6(...)		

	4(...)				5(180)				6(...)				
	A	B	C	D	A	B	C	D	A	B	C	D	
26.2	23.1	49	49	43	43	52	42	48	41(59)	51	39	51	42
		47	38	52	45(128)	41	41	50	50	38	47	45	52(232)
29.5	22.9	50	50	41	41	56	40	50	37(59)	54	35	53	39
		54	35	53	39(90)	39	39	52	52	35	54	39	53(270)
32.8	22.5	52	52	39	39	54	51	40	38(7)	57	32	56	37
		57	32	56	37(90)	37	37	54	54	32	57	37	56(270)
39.4	21.6	56	56	35	35	63	46	43	30(27)	63	26	60	32
		61	25	62	34(98)	34	34	57	57	24	61	34	62(261)
45.9	20.7	59	59	31	31	70	42	45	23(35)	69	20	64	27
		64	17	68	32(106)	30	30	60	60	17	63	32	68(253)
52.5	19.6	62	62	28	28	76	40	45	18(37)	73	15	68	23
		66	11	72	30(109)	26	26	63	63	11	65	31	73(250)
59.1	17.9	63	63	26	26	79	38	46	14(39)	76	11	70	20
		69	7	75	27(107)	24	24	65	65	6	69	28	75(252)
65.6	14.8	62	62	25	25	78	37	45	14(39)	75	10	69	20
		68	6	74	26(107)	23	23	64	64	6	68	27	74(252)
72.2	12.3	62	62	24	24	78	36	45	13(39)	75	9	69	19
		68	5	74	26(107)	22	22	63	63	4	67	26	74(252)
78.7	10.4	61	61	24	24	78	36	44	12(39)	75	8	69	18
		67	4	74	25(107)	22	22	63	63	4	67	26	74(252)
85.3	8.6	61	61	23	23	77	35	44	12(39)	74	7	69	18
		67	3	73	25(107)	21	21	63	63	3	66	25	74(252)
91.9	7.3	61	61	23	23	78	35	43	11(39)	75	6	69	17
		67	2	74	24(107)	20	20	63	63	2	67	24	74(252)
98.4	6.2	61	61	22	22	78	34	44	10(40)	75	5	69	16
		67	1	74	24(108)	19	19	63	63	0	66	24	75(251)
105.0	5.1	61	61	22	22	78	33	44	9(40)	75	5	69	16
		67	0	74	23(108)	19	19	63	63	0	66	24	75(251)
111.5	4.2	61	61	21	21	79	33	43	8(40)	75	4	69	15
		66	0	76	22(108)	18	18	63	63	0	65	22	76(251)
118.1	3.1	60	60	21	21	78	33	43	9(40)	74	4	69	15
		65	0	75	22(108)	18	18	63	63	0	65	23	75(251)
124.7	2.4	60	60	21	21	78	32	43	8(40)	75	3	69	15
		65	0	76	21(108)	18	18	63	63	0	64	21	76(251)

HA=110.2 HI= 55.8 GGW= 28.7 SL= 0.0 MAX(A,B,C,D)= 7.4 6.4 7.0 7.1

Main boom and fixed jib (jib angle 0.0 degrees)
Length of main boom = 114.5 ft Length of jib = 55.8 ft
Main boom sequence = 0-0-0-45-100-100 % LK = 37
Counterweight = 28.7 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
	1(0)		2(...)		3(90)		4(90)						
	4(...)				5(180)				6(...)				
	A	B	C	D	A	B	C	D	A	B	C	D	
26.2	22.5	48	48	43	43	51	42	48	41(59)	50	39	50	42
		47	39	51	45(128)	42	42	49	49	39	47	45	51(232)
29.5	22.3	50	50	41	41	55	40	49	38(59)	54	36	53	39
		49	35	55	44(128)	39	39	51	51	35	49	44	55(232)
32.8	21.8	52	52	39	39	52	51	39	39(2)	56	33	55	37
		56	33	55	37(90)	37	37	53	53	33	56	37	55(270)

39.4	20.9	55	55	35	35	62	47	42	31(25)	62	26	59	32
		61	25	61	34(97)	34	34	56	56	25	60	34	61(262)
45.9	20.3	58	58	32	32	69	43	44	24(34)	68	21	64	28
		63	18	67	32(105)	30	30	60	60	17	63	32	67(254)
52.5	19.0	61	61	29	29	74	41	45	19(36)	72	15	67	24
		65	12	71	31(109)	27	27	62	62	11	65	31	71(250)
59.1	17.6	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)
65.6	14.8	62	62	25	25	78	37	45	14(39)	75	10	69	20
		68	6	74	26(107)	23	23	64	64	6	68	27	74(252)
72.2	12.3	62	62	24	24	78	36	45	13(39)	75	9	69	19
		68	5	74	26(107)	22	22	64	64	4	67	26	74(252)
78.7	10.4	61	61	24	24	78	36	44	12(39)	75	8	69	18
		67	4	74	25(107)	22	22	63	63	4	67	26	74(252)
85.3	8.6	61	61	23	23	77	35	44	12(39)	74	7	69	18
		67	3	73	25(107)	21	21	63	63	3	66	25	74(252)
91.9	7.3	61	61	23	23	78	35	43	11(39)	75	6	69	17
		67	2	74	24(107)	20	20	63	63	2	67	24	74(252)
98.4	6.2	61	61	22	22	78	34	44	10(40)	75	5	69	16
		67	1	74	24(108)	19	19	63	63	0	66	24	75(251)
105.0	5.1	61	61	22	22	78	33	44	9(40)	75	5	69	16
		67	0	74	23(108)	19	19	63	63	0	66	24	75(251)
111.5	4.0	60	60	21	21	78	33	43	9(40)	75	5	69	15
		66	0	74	23(108)	19	19	63	63	0	65	23	75(251)
118.1	3.1	60	60	21	21	78	33	43	9(40)	74	4	69	15
		65	0	75	22(108)	18	18	63	63	0	65	23	75(251)
124.7	2.4	60	60	21	21	78	32	43	8(40)	75	3	69	15
		65	0	76	21(108)	18	18	63	63	0	64	21	76(251)

 HA=114.5 HI= 55.8 GGW= 28.7 SL= 0.0 MAX(A,B,C,D)= 7.3 6.4 7.0 7.1

Main boom and fixed jib (jib angle 0.0 degrees)
 Length of main boom = 124.3 ft Length of jib = 55.8 ft
 Main boom sequence = 0-0-0-90-90-90 % LK = 45
 Counterweight = 28.7 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.			
		1(0)		2(...)		3(90)		4(...)					
		A	B	C	D	A	B	C	D	A	B	C	D
29.5	21.6	50	50	41	41	55	40	49	38(59)	53	36	53	39
		48	34	54	44(128)	39	39	51	51	34	48	44	54(232)
32.8	21.4	52	52	39	39	52	51	39	38(4)	56	32	55	37
		56	32	55	37(90)	37	37	53	53	32	56	37	55(270)
39.4	20.7	55	55	35	35	62	46	42	30(26)	63	26	60	32
		61	25	61	34(98)	34	34	57	57	24	61	34	61(261)
45.9	19.8	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(254)
52.5	19.2	62	62	28	28	76	40	45	18(37)	73	14	68	23
		66	10	73	30(110)	26	26	63	63	10	65	31	73(249)
59.1	17.2	63	63	26	26	78	39	45	15(38)	76	11	70	20
		69	7	74	26(106)	24	24	64	64	7	69	27	75(253)
65.6	14.3	62	62	25	25	78	37	45	13(39)	75	9	70	19
		68	5	74	26(107)	23	23	64	64	5	68	27	75(252)

72.2	11.7	61	61	24	24	78	36	44	13(39)	75	9	69	19
		67	5	73	26(107)	22	22	63	63	4	67	26	74(252)
78.7	9.9	61	61	23	23	78	36	44	12(39)	75	7	69	18
		67	3	74	25(107)	21	21	63	63	3	67	25	74(252)
85.3	8.2	61	61	23	23	78	35	44	11(39)	75	7	69	17
		67	3	74	24(107)	21	21	63	63	2	67	25	74(252)
91.9	6.8	61	61	22	22	78	35	43	10(39)	75	6	69	17
		67	2	74	24(107)	20	20	63	63	1	67	24	74(252)
98.4	5.7	61	61	22	22	79	34	44	9(40)	75	5	69	16
		67	0	75	24(108)	19	19	63	63	0	66	24	75(251)
105.0	4.6	61	61	21	21	79	33	43	9(40)	75	4	69	15
		66	0	75	22(108)	19	19	63	63	0	66	23	76(251)
111.5	3.5	60	60	21	21	78	33	43	9(40)	75	4	69	15
		66	0	75	22(108)	18	18	63	63	0	65	22	75(251)
118.1	2.6	60	60	21	21	78	32	43	8(40)	75	4	69	15
		65	0	76	21(108)	18	18	63	63	0	64	22	76(251)

 HA=124.3 HI= 55.8 GGW= 28.7 SL= 0.0 MAX(A,B,C,D)= 7.3 6.4 7.0 7.0

Main boom and fixed jib (jib angle 0.0 degrees)
 Length of main boom = 130.9 ft Length of jib = 55.8 ft
 Main boom sequence = 0-0-0-100-100-100 % LK = 46
 Counterweight = 28.7 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
	1(0)		2(...)		3(90)								
	4(...)	5(180)	6(...)										
A B C D	A B C D	A B C D	A B C D										
32.8	20.3	51	51	39	39	57	38	50	35(59)	55	33	54	37
		55	33	54	37(90)	38	38	52	52	33	55	37	54(270)
39.4	19.8	54	54	35	35	60	47	42	31(24)	61	27	59	32
		60	26	60	34(96)	34	34	56	56	26	60	34	60(263)
45.9	19.2	58	58	32	32	68	43	44	24(33)	67	21	63	28
		63	18	66	32(104)	30	30	59	59	18	63	32	66(255)
52.5	18.5	61	61	28	28	74	41	44	19(36)	72	15	67	24
		65	11	71	30(109)	27	27	62	62	11	65	31	72(250)
59.1	16.8	62	62	26	26	78	39	45	15(38)	75	11	69	21
		69	7	74	27(106)	24	24	64	64	7	68	27	74(253)
65.6	14.1	62	62	25	25	78	37	45	14(39)	75	10	69	19
		68	6	74	26(107)	23	23	64	64	5	67	27	74(252)
72.2	11.7	61	61	24	24	78	36	45	13(39)	75	9	69	19
		67	4	74	26(107)	22	22	63	63	4	67	26	74(252)
78.7	9.7	61	61	24	24	78	36	44	12(39)	75	8	69	18
		67	4	73	25(107)	21	21	63	63	3	67	25	74(252)
85.3	8.2	61	61	23	23	78	35	44	11(39)	75	7	69	17
		67	2	74	24(107)	21	21	63	63	2	67	25	74(252)
91.9	6.8	61	61	22	22	78	34	44	10(40)	75	6	69	16
		67	1	74	24(108)	20	20	63	63	1	66	24	75(251)
98.4	5.5	61	61	22	22	78	34	44	10(40)	75	5	69	16
		67	0	74	24(108)	19	19	63	63	0	66	24	74(251)
105.0	4.4	61	61	21	21	78	33	43	9(40)	75	5	69	16
		66	0	74	23(108)	19	19	63	63	0	66	24	75(251)
111.5	3.5	61	61	21	21	78	33	43	8(40)	75	4	69	15
		66	0	76	22(108)	18	18	63	63	0	65	22	76(251)

118.1 2.4 60 60 21 21 78 32 43 9(40) 74 4 69 15
 65 0 75 22(108) 18 18 63 63 0 65 22 75(251)

HA=130.9 HI= 55.8 GGW= 28.7 SL= 0.0 MAX(A,B,C,D)= 7.3 6.3 7.0 7.0

Main boom and fixed jib (jib angle 0.0 degrees)
 Length of main boom = 138.1 ft Length of jib = 55.8 ft
 Main boom sequence = 0-0-45-90-90-90 % LK = 54
 Counterweight = 28.7 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
	1(0)				2(...)								
	3(90)				4(...)								
	A	B	C	D	A	B	C	D	A	B	C	D	
32.8	20.5	52	52	39	39	52	51	39	38(4)	56	32	55	37
		56	32	55	37(90)	37	37	53	53	32	56	37	55(270)
39.4	20.1	55	55	35	35	62	46	42	29(27)	63	26	60	32
		61	24	61	33(98)	33	33	57	57	24	61	33	62(261)
45.9	19.4	59	59	31	31	70	42	44	23(35)	69	19	64	27
		63	16	68	32(106)	29	29	60	60	16	63	32	68(253)
52.5	18.7	62	62	27	27	77	40	45	17(37)	74	13	69	22
		68	10	72	28(105)	26	26	63	63	10	68	28	73(254)
59.1	15.4	61	61	26	26	77	38	45	16(38)	74	12	68	21
		67	8	73	27(106)	24	24	63	63	8	67	28	73(253)
65.6	12.8	61	61	25	25	77	37	44	14(38)	74	10	68	20
		67	6	73	26(106)	23	23	63	63	6	67	26	73(253)
72.2	10.6	61	61	24	24	77	37	44	13(38)	74	9	68	19
		67	5	73	25(106)	22	22	63	63	5	67	26	73(253)
78.7	8.8	61	61	24	24	77	35	44	12(39)	74	8	69	18
		67	4	73	25(107)	21	21	63	63	3	66	25	73(252)
85.3	7.1	60	60	23	23	77	35	43	11(39)	74	7	68	17
		66	3	73	24(107)	21	21	63	63	3	66	25	73(252)
91.9	5.7	60	60	22	22	77	34	43	11(39)	74	6	68	17
		67	2	73	24(107)	20	20	63	63	2	66	24	73(252)
98.4	4.6	60	60	22	22	78	34	43	10(39)	74	5	69	16
		67	1	74	23(107)	19	19	63	63	0	66	24	74(252)
105.0	3.5	60	60	21	21	78	33	43	9(40)	74	5	69	15
		66	0	74	23(108)	19	19	63	63	0	65	23	74(251)
111.5	2.6	60	60	21	21	78	33	43	8(40)	75	4	69	15
		65	0	75	22(108)	18	18	63	63	0	65	22	76(251)

HA=138.1 HI= 55.8 GGW= 28.7 SL= 0.0 MAX(A,B,C,D)= 7.3 6.3 7.0 7.0

Main boom and fixed jib (jib angle 0.0 degrees)
 Length of main boom = 145.0 ft Length of jib = 55.8 ft
 Main boom sequence = 0-0-45-100-100-100 % LK = 55
 Counterweight = 28.7 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
	1(0)				2(...)								
	3(90)				4(...)								
	A	B	C	D	A	B	C	D	A	B	C	D	
39.4	19.0	54	54	35	35	60	46	41	31(24)	61	26	59	32
		60	25	60	33(96)	34	34	56	56	25	60	34	60(263)

45.9	18.5	58	58	31	31	68	42	44	24(34)	67	20	63	28
		63	17	66	32(105)	30	30	59	59	17	62	32	66(254)
52.5	17.9	61	61	28	28	75	40	44	18(36)	73	15	67	23
		65	10	72	30(109)	26	26	62	62	10	65	30	72(250)
59.1	15.0	61	61	26	26	75	39	44	16(37)	73	12	68	21
		67	9	72	27(105)	25	25	63	63	9	67	27	72(254)
65.6	12.6	61	61	25	25	76	37	44	15(38)	73	11	68	20
		67	7	72	26(106)	23	23	63	63	6	67	27	73(253)
72.2	10.4	60	60	24	24	76	37	44	13(38)	73	9	68	19
		67	5	72	25(106)	22	22	63	63	5	66	26	73(253)
78.7	8.6	60	60	24	24	77	35	44	12(39)	74	8	68	18
		67	4	73	25(107)	21	21	63	63	4	66	26	73(252)
85.3	6.8	60	60	23	23	76	35	43	12(39)	73	7	68	18
		66	3	73	25(107)	21	21	62	62	3	65	25	73(252)
91.9	5.5	60	60	23	23	77	34	43	11(39)	73	7	68	17
		66	2	73	24(107)	20	20	62	62	2	66	24	73(252)
98.4	4.4	60	60	22	22	77	34	43	10(39)	74	6	68	16
		66	1	73	23(107)	19	19	63	63	1	66	24	73(252)
105.0	3.3	60	60	22	22	77	34	43	10(39)	74	5	68	16
		66	0	73	23(107)	19	19	62	62	0	66	23	73(252)
111.5	2.4	60	60	21	21	77	33	43	9(40)	74	4	68	15
		65	0	74	22(108)	18	18	63	63	0	65	23	75(251)

HA=145.0 HI= 55.8 GGW= 28.7 SL= 0.0 MAX(A,B,C,D)= 7.2 6.2 6.9 6.9

Main boom and fixed jib (jib angle 0.0 degrees)

Length of main boom = 152.2 ft Length of jib = 55.8 ft

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

Counterweight = 28.7 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.			
		1(0)		2(...)		3(90)		6(...)					
		4(...)		5(180)		6(...)							
		A	B	C	D	A	B	C	D				
39.4	19.0	55	55	35	35	62	46	42	30(26)	62	26	60	32
		60	24	61	33(98)	33	33	56	56	24	60	33	61(261)
45.9	18.5	58	58	31	31	70	42	44	23(35)	68	19	64	27
		63	16	67	31(106)	29	29	60	60	16	63	32	67(253)
52.5	17.0	60	60	28	28	74	40	44	18(36)	72	14	67	23
		65	10	71	30(109)	26	26	62	62	10	65	30	72(250)
59.1	13.9	60	60	27	27	75	39	44	17(37)	72	13	67	22
		67	9	71	27(105)	25	25	62	62	9	66	27	71(254)
65.6	11.5	60	60	26	26	75	38	43	15(37)	73	11	67	20
		67	7	71	26(105)	23	23	62	62	7	66	26	71(254)
72.2	9.3	60	60	25	25	75	36	43	14(38)	72	10	67	20
		66	6	71	26(106)	22	22	62	62	6	65	26	72(253)
78.7	7.5	60	60	24	24	75	36	43	13(38)	73	9	67	19
		66	5	72	25(106)	22	22	62	62	4	65	25	72(253)
85.3	6.0	60	60	23	23	75	35	43	12(38)	73	8	67	18
		66	4	72	24(106)	21	21	62	62	3	65	25	72(253)
91.9	4.6	59	59	23	23	76	34	43	11(39)	73	7	67	17
		65	2	72	24(107)	20	20	62	62	2	65	24	72(252)
98.4	3.5	60	60	22	22	76	34	43	10(39)	73	6	68	17
		66	1	73	23(107)	19	19	62	62	1	65	24	73(252)

105.0 2.4 59 59 22 22 76 34 43 10(39) 73 5 68 16
 66 1 73 23(107) 19 19 62 62 1 65 24 73(252)

HA=152.2 HI= 55.8 GGW= 28.7 SL= 0.0 MAX(A,B,C,D)= 7.1 6.1 6.7 6.8

Main boom and fixed jib (jib angle 0.0 degrees)

Length of main boom = 161.4 ft Length of jib = 55.8 ft
 Main boom sequence = 0-0-100-100-100-100 % LK = 63
 Counterweight = 28.7 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
	1(0)				2(...)					3(90)			
	4(...)				5(180)					6(...)			
A	B	C	D	A	B	C	D	A	B	C	D		
45.9	17.4	57	57	31 31	68	42	44	24(34)	67	20	63	27	
		62	17	66 32(105)	30	30	59 59	17	62	32	66(254)		
52.5	16.3	60	60	28 28	73	40	44	19(36)	71	15	66	24	
		64	11	71 30(109)	26	26	62 62	11	64	30	71(250)		
59.1	13.4	60	60	27 27	74	39	43	17(36)	71	13	67	22	
		66	10	70 27(104)	25	25	62 62	9	66	27	70(255)		
65.6	10.8	59	59	26 26	74	38	43	16(37)	71	12	66	21	
		66	8	70 26(105)	24	24	62 62	8	65	27	70(254)		
72.2	8.8	59	59	25 25	74	37	43	15(37)	72	10	67	20	
		66	7	71 25(105)	23	23	62 62	6	65	26	71(254)		
78.7	7.1	59	59	24 24	74	36	43	13(38)	72	9	67	19	
		65	5	71 25(106)	22	22	62 62	5	65	26	71(253)		
85.3	5.5	59	59	24 24	75	35	43	13(38)	72	8	67	18	
		65	4	71 24(106)	21	21	62 62	4	65	25	71(253)		
91.9	4.2	59	59	23 23	75	35	42	12(38)	72	7	67	18	
		65	3	71 24(106)	21	21	62 62	3	65	24	71(253)		
98.4	3.1	59	59	22 22	75	34	43	11(39)	72	6	67	17	
		65	2	72 24(107)	20	20	62 62	2	65	24	72(252)		

HA=161.4 HI= 55.8 GGW= 28.7 SL= 0.0 MAX(A,B,C,D)= 7.0 6.1 6.7 6.7

Main boom and fixed jib (jib angle 0.0 degrees)

Length of main boom = 166.0 ft Length of jib = 55.8 ft
 Main boom sequence = 0-45-90-90-90-90 % LK = 68
 Counterweight = 28.7 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
	1(0)				2(...)					3(90)			
	4(...)				5(180)					6(...)			
A	B	C	D	A	B	C	D	A	B	C	D		
45.9	17.9	59	59	30 30	71	41	44	22(36)	69	18	65	26	
		64	15	68 31(106)	28	28	60 60	15	63	31	68(253)		
52.5	15.0	59	59	28 28	72	40	43	19(35)	70	15	66	24	
		64	11	70 30(108)	26	26	61 61	11	63	30	70(251)		
59.1	12.1	59	59	27 27	73	39	43	17(36)	71	13	66	22	
		65	10	69 27(104)	25	25	61 61	10	65	27	69(255)		
65.6	9.7	59	59	26 26	73	37	43	16(37)	71	12	66	21	
		65	8	70 26(105)	24	24	61 61	8	65	27	70(254)		
72.2	7.5	58	58	25 25	73	37	43	15(37)	71	11	66	20	
		65	7	70 26(105)	23	23	61 61	7	64	26	70(254)		

78.7 6.0 59 59 24 24 74 35 43 14(38) 71 9 66 19
 65 5 70 25(106) 22 22 61 61 5 64 26 71(253)
 85.3 4.4 58 58 24 24 74 35 42 13(38) 71 8 66 18
 65 4 70 24(106) 21 21 61 61 4 64 25 71(253)
 91.9 3.1 58 58 23 23 74 35 42 12(38) 71 7 66 18
 65 4 71 24(106) 20 20 61 61 3 64 24 71(253)

 HA=166.0 HI= 55.8 GGW= 28.7 SL= 0.0 MAX(A,B,C,D)= 6.9 6.1 6.6 6.6

Main boom and fixed jib (jib angle 0.0 degrees)
 Length of main boom = 175.5 ft Length of jib = 55.8 ft
 Main boom sequence = 0-45-100-100-100-100 % LK = 69
 Counterweight = 28.7 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.
		1(0)		2(...)		3(90)		6(...)		
		4(...)	5(180)			6(...)				
		A B C D	A B C D	A B C D	A B C D					
45.9	16.8	58 58 31 31	68 42 43 23(34)	67 19 63 27						
		63 17 66 31(105)	29 29 59 59	16 62 31 66(254)						
52.5	14.3	58 58 29 29	71 40 43 20(35)	69 16 65 24						
		63 12 69 30(108)	27 27 60 60	12 63 30 69(251)						
59.1	11.5	58 58 27 27	71 39 43 18(35)	69 14 65 23						
		63 10 69 29(108)	25 25 60 60	10 63 29 69(251)						
65.6	9.3	58 58 26 26	72 38 42 17(36)	70 12 65 21						
		65 9 69 26(104)	24 24 61 61	9 65 27 69(255)						
72.2	7.3	58 58 25 25	73 37 43 15(37)	70 11 65 20						
		65 7 69 26(105)	23 23 61 61	7 64 26 69(254)						
78.7	5.5	58 58 25 25	73 36 42 14(37)	70 10 65 20						
		65 6 69 25(105)	22 22 60 60	6 64 25 70(254)						
85.3	4.0	58 58 24 24	73 36 42 14(37)	70 9 65 19						
		64 5 69 24(105)	21 21 60 60	5 64 25 70(254)						
91.9	2.9	58 58 23 23	73 35 42 12(38)	71 8 66 18						
		64 4 70 24(106)	21 21 61 61	4 64 24 70(253)						

 HA=175.5 HI= 55.8 GGW= 28.7 SL= 0.0 MAX(A,B,C,D)= 6.8 6.0 6.5 6.5

Main boom and fixed jib (jib angle 0.0 degrees)
 Length of main boom = 180.1 ft Length of jib = 55.8 ft
 Main boom sequence = 0-90-90-90-90-90 % LK = 73
 Counterweight = 28.7 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.
		1(0)		2(...)		3(90)		6(...)		
		4(...)	5(180)			6(...)				
		A B C D	A B C D	A B C D	A B C D					
45.9	16.5	58 58 30 30	70 41 44 22(35)	68 18 64 26						
		63 15 67 31(106)	28 28 60 60	15 63 31 67(253)						
52.5	13.0	58 58 29 29	70 39 43 20(36)	68 16 64 24						
		63 13 68 30(107)	27 27 60 60	13 62 30 68(252)						
59.1	10.4	58 58 27 27	70 39 42 18(35)	69 14 64 23						
		62 10 68 29(108)	25 25 60 60	10 62 29 69(251)						
65.6	7.9	57 57 26 26	71 38 42 17(36)	69 13 64 22						
		64 9 68 26(104)	24 24 60 60	9 63 27 68(255)						

72.2 6.0 57 57 26 26 71 37 42 16(36) 69 11 65 21
 64 8 68 26(104) 23 23 60 60 8 63 26 68(255)
 78.7 4.4 57 57 25 25 72 36 42 15(37) 69 10 65 20
 64 7 69 25(105) 22 22 60 60 6 63 26 69(254)
 85.3 2.9 57 57 24 24 71 35 41 14(37) 69 9 65 19
 63 6 69 24(105) 21 21 60 60 6 63 25 69(254)

 HA=180.1 HI= 55.8 GGW= 28.7 SL= 0.0 MAX(A,B,C,D)= 6.7 5.9 6.4 6.4

Main boom and fixed jib (jib angle 0.0 degrees)

Length of main boom = 191.9 ft Length of jib = 55.8 ft
 Main boom sequence = 0-100-100-100-100-100 % LK = 74
 Counterweight = 28.7 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]								(Pos.[Degrees])				0-360 Degr.											
		1(0)		2(...)				3(90)		4(...)		5(180)			6(...)										
		A	B	C	D	A	B	C	D	A	B	C	D		A	B	C	D							
52.5	12.3	57	57	29	29	69	39	43	21(36)	67	17	63	25	62	13	67	30(107)	27	27	59	59	13	62	30	67(252)
59.1	9.7	57	57	28	28	69	39	42	19(34)	68	15	64	23	62	11	68	29(108)	25	25	59	59	11	61	30	68(251)
65.6	7.3	57	57	27	27	69	38	42	18(35)	68	13	64	22	61	10	68	28(108)	24	24	59	59	9	61	29	68(251)
72.2	5.5	57	57	26	26	70	37	42	16(36)	68	12	64	21	63	9	67	26(104)	23	23	59	59	8	63	26	68(255)
78.7	4.0	57	57	25	25	71	37	41	15(36)	69	10	64	20	64	7	68	25(104)	22	22	60	60	7	63	25	68(255)
85.3	2.4	57	57	24	24	71	35	41	14(37)	69	10	64	19	63	6	68	25(105)	22	22	59	59	6	63	25	68(254)

 HA=191.9 HI= 55.8 GGW= 28.7 SL= 0.0 MAX(A,B,C,D)= 6.6 5.9 6.3 6.3

Main boom and fixed jib (jib angle 0.0 degrees)

Length of main boom = 193.9 ft Length of jib = 55.8 ft
 Main boom sequence = 45-90-90-90-90-90 % LK = 76
 Counterweight = 28.7 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]								(Pos.[Degrees])				0-360 Degr.											
		1(0)		2(...)				3(90)		4(...)		5(180)			6(...)										
		A	B	C	D	A	B	C	D	A	B	C	D		A	B	C	D							
52.5	11.0	56	56	29	29	68	39	43	21(35)	67	17	63	25	62	13	66	30(106)	27	27	59	59	13	61	30	66(253)
59.1	8.2	56	56	28	28	68	39	41	19(34)	67	15	63	23	61	12	66	29(107)	25	25	58	58	11	61	29	67(252)
65.6	6.0	56	56	27	27	69	38	41	18(35)	67	13	63	22	61	10	67	28(108)	24	24	59	59	10	60	29	67(251)
72.2	4.2	56	56	26	26	69	37	41	17(35)	67	12	63	21	63	9	67	25(103)	23	23	59	59	9	63	26	67(256)
78.7	2.6	56	56	25	25	70	36	41	15(36)	68	11	64	20	63	7	67	25(104)	22	22	59	59	7	62	25	67(255)

 HA=193.9 HI= 55.8 GGW= 28.7 SL= 0.0 MAX(A,B,C,D)= 6.5 5.8 6.2 6.3

HA=193.9 HI= 55.8 GGW= 28.7 SL= 0.0 MAX(A,B,C,D)= 0.0 0.0 0.0 0.0

HA=193.9 HI= 55.8 GGW= 28.7 SL= 0.0 MAX(A,B,C,D)= 0.0 0.0 0.0 0.0

HA=193.9 HI= 55.8 GGW= 28.7 SL= 0.0 MAX(A,B,C,D)= 0.0 0.0 0.0 0.0

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

14.10.2003, 15:37:22

Eingabedatei: ilam.dat

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

Tabellendat.: /berechnung/tabellen/ac/ac200-1/serie_3/pc_tab/22137312_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 = 55.8 ft

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

Counterweight = 28.7 kip

Radius Cap. [ft]	Outrigger Loadin[kip]	(Pos.[Degrees])				0-360 Degr.			
		1(0)		2(...)			3(90)		
		4(...)	5(180)	6(...)					
A B C D	A B C D	A B C D							
29.5	21.2	45 45 45 45	46 44 46 45	45(59)	46 43 47 45				
		45 43 47 46(127)	44 44 47 47	43 45 46 47(232)					
32.8	20.3	46 46 43 43	49 42 47 42	45(59)	48 40 49 43				
		46 40 49 45(128)	42 42 48 48	40 46 45 49(232)					
39.4	18.5	49 49 40 40	54 39 48 37	45(59)	52 35 52 39				
		47 34 54 43(128)	39 39 50 50	34 47 43 54(232)					
45.9	17.2	51 51 37 37	53 49 39 35	45(10)	56 30 55 35				
		56 30 55 35(90)	35 35 53 53	30 56 35 55(270)					
52.5	16.1	53 53 34 34	60 45 41 30	45(24)	60 25 58 31				
		59 24 59 33(96)	32 32 55 55	24 59 33 59(263)					
59.1	15.0	56 56 32 32	65 42 42 25	45(32)	64 21 61 28				
		61 19 63 31(103)	30 30 57 57	19 60 32 64(256)					
65.6	14.1	58 58 29 29	70 40 43 20	45(36)	68 17 64 25				
		62 13 68 30(107)	27 27 60 60	13 62 30 68(252)					
72.2	13.4	60 60 26 26	75 38 44 16	45(37)	72 12 67 21				
		67 8 71 27(105)	24 24 62 62	8 66 27 71(254)					
78.7	11.7	61 61 25 25	76 37 44 14	45(38)	73 10 68 20				
		67 6 72 26(106)	23 23 63 63	6 67 26 73(253)					

 HA= 40.7 HI= 55.8 GGW= 28.7 SL= 0.0 MAX(A,B,C,D)= 7.1 6.2 6.7 6.7

Main boom and fixed jib (jib angle 20.0 degrees)
 Length of main boom = 54.5 ft Length of jib = 55.8 ft
 Main boom sequence = 0-0-0-0-0-45 % LK = 7
 Counterweight = 28.7 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]								(Pos.[Degrees])				0-360 Degr.	
		1(0)		2(...)		3(90)		4(...)		5(180)		6(...)			
		A	B	C	D	A	B	C	D	A	B	C	D		
32.8	20.5	47	47	43	43	49	42	47	42	(59)	48	40	49	43	
		46	40	49	45(128)	42	42	48	48		40	46	45	49(232)	
39.4	19.0	49	49	40	40	54	39	49	37	(59)	52	35	52	39	
		47	34	54	43(128)	39	39	50	50		34	47	43	54(232)	
45.9	17.6	51	51	37	37	53	49	39	35	(10)	57	30	55	35	
		57	30	55	35(90)	35	35	53	53		30	57	35	55(270)	
52.5	16.5	54	54	34	34	60	45	41	30	(25)	61	25	58	32	
		59	24	60	33(97)	33	33	55	55		24	59	33	60(262)	
59.1	15.4	56	56	32	32	65	42	42	25	(32)	64	21	61	28	
		61	19	63	32(103)	30	30	58	58		19	61	32	64(256)	
65.6	14.8	58	58	29	29	71	40	44	20	(36)	69	16	64	24	
		63	13	68	30(107)	27	27	60	60		13	63	30	68(252)	
72.2	13.9	60	60	26	26	75	39	44	16	(37)	72	12	67	22	
		67	9	71	27(105)	24	24	62	62		9	66	27	71(254)	
78.7	12.1	60	60	25	25	76	37	44	15	(38)	73	11	68	20	
		67	7	72	26(106)	23	23	62	62		6	66	26	72(253)	
85.3	10.4	60	60	24	24	76	37	43	13	(38)	73	9	68	19	
		67	5	72	25(106)	22	22	63	63		5	66	26	72(253)	
91.9	8.8	60	60	24	24	77	35	44	12	(39)	74	8	68	18	
		67	4	73	25(107)	21	21	63	63		4	66	25	73(252)	

 HA= 54.5 HI= 55.8 GGW= 28.7 SL= 0.0 MAX(A,B,C,D)= 7.1 6.2 6.8 6.8

Main boom and fixed jib (jib angle 20.0 degrees)
 Length of main boom = 68.6 ft Length of jib = 55.8 ft
 Main boom sequence = 0-0-0-0-0-90 % LK = 13
 Counterweight = 28.7 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]								(Pos.[Degrees])				0-360 Degr.	
		1(0)		2(...)		3(90)		4(...)		5(180)		6(...)			
		A	B	C	D	A	B	C	D	A	B	C	D		
39.4	18.7	49	49	41	41	53	39	48	37	(59)	52	35	52	39	
		47	34	53	43(128)	39	39	50	50		34	47	43	53(232)	
45.9	17.6	51	51	37	37	53	49	39	36	(9)	56	30	55	35	
		56	30	55	35(90)	36	36	53	53		30	56	35	55(270)	
52.5	16.5	53	53	35	35	60	45	41	30	(24)	60	26	58	32	
		59	25	59	33(96)	33	33	55	55		25	59	33	59(263)	
59.1	15.4	55	55	32	32	64	43	42	26	(31)	64	22	61	28	
		61	19	63	32(102)	30	30	57	57		19	61	32	63(257)	
65.6	14.3	57	57	30	30	69	40	43	22	(35)	67	18	63	26	
		62	15	67	30(106)	28	28	59	59		15	62	31	67(253)	

72.2	13.2	59	59	28	28	71	40	43	19(35)	70	14	65	23
		63	11	69	29(108)	26	26	61	61	11	63	30	69(251)
78.7	12.1	60	60	26	26	75	38	43	15(37)	72	11	67	21
		66	8	71	26(105)	24	24	62	62	8	66	27	71(254)
85.3	10.6	60	60	25	25	75	37	44	14(38)	73	10	67	20
		66	6	72	26(106)	23	23	62	62	6	66	26	72(253)
91.9	9.0	60	60	24	24	76	36	43	13(38)	73	9	68	19
		66	5	72	25(106)	22	22	62	62	5	66	25	72(253)
98.4	7.7	60	60	24	24	76	35	43	12(39)	73	8	68	18
		66	4	73	25(107)	21	21	62	62	4	65	25	73(252)
105.0	6.6	60	60	23	23	77	35	43	11(39)	74	7	68	17
		67	2	73	24(107)	20	20	63	63	2	66	24	73(252)
111.5	5.5	60	60	22	22	77	34	43	10(39)	74	6	69	16
		67	1	73	23(107)	19	19	63	63	1	66	24	74(252)

HA= 68.6 HI= 55.8 GGW= 28.7 SL= 0.0 MAX(A,B,C,D)= 7.2 6.1 6.8 6.8

Main boom and fixed jib (jib angle 20.0 degrees)

Length of main boom = 70.2 ft Length of jib = 55.8 ft

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

Counterweight = 28.7 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.			
		1(0)		2(...)		3(90)		6(...)					
		4(...)		5(180)		6(...)							
		A	B	C	D	A	B	C	D	A	B	C	D
39.4	18.7	49	49	41	41	53	39	48	37(59)	52	35	52	39
		47	34	53	43(128)	39	39	50	50	34	47	43	53(232)
45.9	16.8	50	50	38	38	50	50	38	38(1)	55	32	54	36
		55	32	54	36(90)	36	36	52	52	32	55	36	54(270)
52.5	15.2	52	52	35	35	56	47	40	32(18)	58	28	56	33
		58	27	56	33(91)	34	34	54	54	27	58	33	56(268)
59.1	13.7	53	53	34	34	60	44	40	29(25)	60	24	58	31
		59	23	59	32(97)	32	32	55	55	23	58	32	59(262)
65.6	12.6	54	54	32	32	63	42	41	25(31)	63	21	60	28
		60	19	62	31(102)	29	29	56	56	19	60	31	62(257)
72.2	11.5	56	56	30	30	67	40	42	22(34)	65	18	62	26
		61	15	65	30(105)	28	28	58	58	15	61	30	65(254)
78.7	10.6	57	57	28	28	69	40	42	19(34)	68	15	64	23
		62	11	68	29(108)	26	26	59	59	11	61	30	68(251)
85.3	9.7	58	58	26	26	72	38	42	16(36)	70	12	65	21
		65	9	69	26(104)	24	24	61	61	9	65	26	69(255)
91.9	9.0	60	60	24	24	75	36	43	13(38)	73	9	67	19
		66	5	72	25(106)	22	22	62	62	5	66	26	72(253)
98.4	7.7	60	60	24	24	76	36	43	12(38)	73	8	68	18
		66	4	72	24(106)	21	21	62	62	4	66	25	72(253)
105.0	6.6	60	60	23	23	77	35	43	11(39)	74	7	68	17
		66	2	73	24(107)	20	20	63	63	2	66	25	73(252)
111.5	5.5	60	60	22	22	77	34	43	10(39)	74	6	68	17
		67	1	73	24(107)	20	20	63	63	1	66	24	73(252)

HA= 70.2 HI= 55.8 GGW= 28.7 SL= 0.0 MAX(A,B,C,D)= 7.1 6.1 6.8 6.8

Main boom and fixed jib (jib angle 20.0 degrees)

Length of main boom = 82.3 ft Length of jib = 55.8 ft
 Main boom sequence = 0-0-0-0-45-90 % LK = 20
 Counterweight = 28.7 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]								(Pos.[Degrees])				0-360 Degr.
		1(0)				2(...)				3(90)				
		A	B	C	D	A	B	C	D	A	B	C	D	
39.4	18.7	49	49	40	40	54	39	48	37(59)	52	35	52	39	
		47	34	54	43(128)	39	39	50	50	34	47	43	54(232)	
45.9	17.6	51	51	37	37	53	49	39	36(10)	57	30	55	35	
		57	30	55	35(90)	35	35	53	53	30	57	35	55(270)	
52.5	16.8	54	54	34	34	60	45	41	30(25)	61	25	59	31	
		60	24	60	33(97)	32	32	56	56	24	59	33	60(262)	
59.1	15.7	56	56	32	32	65	42	43	25(32)	65	21	61	28	
		61	19	64	31(103)	30	30	58	58	19	61	32	64(256)	
65.6	14.8	58	58	29	29	70	40	44	21(36)	68	17	64	25	
		63	13	68	30(107)	27	27	60	60	13	62	30	68(252)	
72.2	13.9	60	60	27	27	74	39	44	17(37)	72	13	67	22	
		66	9	71	27(105)	25	25	62	62	9	66	28	71(254)	
78.7	12.3	60	60	25	25	76	37	44	15(38)	73	11	68	20	
		67	7	72	26(106)	23	23	63	63	7	66	27	72(253)	
85.3	10.6	60	60	25	25	76	37	44	14(38)	73	9	68	19	
		67	6	72	26(106)	22	22	62	62	6	66	26	72(253)	
91.9	9.0	60	60	24	24	76	36	43	13(38)	73	9	68	19	
		67	5	72	25(106)	22	22	62	62	4	66	25	72(253)	
98.4	7.7	60	60	23	23	77	35	43	12(39)	73	8	68	18	
		66	3	73	25(107)	21	21	62	62	3	66	25	73(252)	
105.0	6.6	60	60	23	23	77	35	43	11(39)	74	7	68	17	
		67	2	73	24(107)	20	20	63	63	2	66	24	73(252)	
111.5	5.5	60	60	22	22	77	34	43	10(39)	74	6	68	17	
		67	1	73	24(107)	20	20	63	63	1	66	24	73(252)	
118.1	4.6	60	60	21	21	78	33	43	9(40)	75	5	69	16	
		66	0	74	23(108)	19	19	63	63	0	66	24	74(251)	
124.7	3.7	61	61	21	21	78	33	43	8(40)	75	4	69	15	
		66	0	76	22(108)	18	18	63	63	0	65	22	76(251)	

HA= 82.3 HI= 55.8 GGW= 28.7 SL= 0.0 MAX(A,B,C,D)= 7.3 6.2 7.0 7.0

Main boom and fixed jib (jib angle 20.0 degrees)

Length of main boom = 84.0 ft Length of jib = 55.8 ft
 Main boom sequence = 0-0-0-0-45-100 % LK = 21
 Counterweight = 28.7 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	18.7	49	49	40	40	53	39	48	37(59)	52	35	52	39	
		47	34	53	43(128)	39	39	50	50	34	47	43	53(232)	
45.9	17.2	51	51	37	37	52	49	39	36(7)	56	31	54	35	
		56	31	54	35(90)	36	36	52	52	31	56	35	54(270)	
52.5	15.7	52	52	35	35	58	46	40	31(21)	59	27	57	32	
		58	26	57	33(93)	33	33	54	54	26	58	33	58(266)	

59.1	14.3	54	54	33	33	62	43	41	27(28)	62	23	59	30
		60	21	61	32(100)	31	31	56	56	21	59	32	61(259)
65.6	13.2	56	56	31	31	66	41	42	23(33)	65	19	62	27
		61	17	64	31(104)	29	29	58	58	17	61	31	64(255)
72.2	12.1	57	57	29	29	69	39	43	20(36)	67	16	63	24
		62	13	67	30(107)	27	27	59	59	13	61	30	67(252)
78.7	11.5	59	59	26	26	73	39	43	17(36)	71	13	66	22
		65	9	69	26(104)	24	24	61	61	9	65	27	70(255)
85.3	10.6	60	60	25	25	76	37	44	14(38)	73	10	68	19
		67	6	72	26(106)	22	22	62	62	6	66	26	72(253)
91.9	9.0	60	60	24	24	76	36	43	13(38)	73	9	68	19
		67	5	72	25(106)	22	22	62	62	5	66	25	72(253)
98.4	7.7	60	60	24	24	76	35	43	12(39)	73	8	68	18
		66	4	73	25(107)	21	21	62	62	3	66	25	73(252)
105.0	6.6	60	60	23	23	77	35	43	11(39)	74	7	68	17
		66	2	73	24(107)	20	20	63	63	2	66	25	73(252)
111.5	5.5	60	60	22	22	77	34	43	11(39)	74	6	68	17
		66	2	73	24(107)	20	20	63	63	2	66	24	73(252)
118.1	4.6	60	60	22	22	78	33	43	9(40)	74	5	69	16
		66	0	74	24(108)	19	19	63	63	0	66	24	74(251)
124.7	3.7	60	60	21	21	78	33	43	9(40)	75	4	69	15
		66	0	75	22(108)	18	18	63	63	0	65	23	75(251)

 HA= 84.0 HI= 55.8 GGW= 28.7 SL= 0.0 MAX(A,B,C,D)= 7.3 6.1 6.9 7.0

Main boom and fixed jib (jib angle 20.0 degrees)

Length of main boom = 96.5 ft Length of jib = 55.8 ft

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

Counterweight = 28.7 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.			
		1(0)		2(...)		3(90)		6(...)					
		4(...)		5(180)		6(...)							
		A	B	C	D	A	B	C	D				
45.9	17.4	51	51	37	37	53	49	39	36(10)	56	30	55	35
		56	30	55	35(90)	35	35	53	53	30	56	35	55(270)
52.5	16.8	54	54	34	34	61	45	41	29(26)	61	25	59	31
		60	24	60	33(97)	32	32	56	56	24	60	33	60(262)
59.1	15.9	56	56	31	31	66	42	43	24(33)	65	20	62	28
		62	18	65	31(104)	30	30	58	58	18	61	32	65(255)
65.6	15.0	58	58	29	29	71	39	44	20(37)	69	16	65	24
		63	13	69	30(108)	27	27	60	60	12	63	31	69(251)
72.2	14.1	60	60	26	26	75	39	44	16(37)	73	12	67	21
		67	9	71	27(105)	24	24	62	62	8	67	27	71(254)
78.7	12.3	61	61	25	25	76	37	44	14(38)	73	10	68	20
		67	6	72	26(106)	23	23	63	63	6	67	26	73(253)
85.3	10.6	60	60	24	24	76	37	44	13(38)	73	9	68	19
		67	5	72	25(106)	22	22	63	63	5	67	26	73(253)
91.9	9.0	60	60	24	24	76	36	43	13(38)	74	8	68	18
		67	4	73	25(106)	22	22	63	63	4	66	25	73(253)
98.4	7.7	60	60	23	23	77	35	43	12(39)	74	7	68	18
		67	3	73	24(107)	21	21	63	63	3	66	25	73(252)
105.0	6.4	60	60	23	23	77	35	43	11(39)	73	7	68	17
		66	3	73	24(107)	21	21	62	62	2	66	25	73(252)

111.5	5.5	60	60	22	22	77	34	43	10(39)	74	6	69	16
	67	1	73	23(107)	20	20	63	63	1	66	24	74(252)	
118.1	4.6	60	60	21	21	78	33	43	9(40)	75	5	69	16
	66	0	74	23(108)	19	19	63	63	0	66	24	75(251)	
124.7	3.7	60	60	21	21	78	33	43	9(40)	75	4	69	15
	66	0	75	22(108)	18	18	63	63	0	65	22	75(251)	
131.2	2.9	60	60	21	21	78	32	43	8(40)	75	4	69	15
	65	0	75	21(108)	18	18	63	63	0	64	22	76(251)	

 HA= 96.5 HI= 55.8 GGW= 28.7 SL= 0.0 MAX(A,B,C,D)= 7.3 6.2 7.0 7.0

Main boom and fixed jib (jib angle 20.0 degrees)
 Length of main boom = 100.4 ft Length of jib = 55.8 ft
 Main boom sequence = 0-0-0-0-100-100 % LK = 29
 Counterweight = 28.7 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
	1(0)		2(...)		3(90)		6(...)						
	A	B	C	D	A	B	C	D	A	B	C	D	
45.9	17.2	51	51	37	37	52	49	39	36(8)	56	30	55	35
		56	30	55	35(90)	36	36	53	53	30	56	35	55(270)
52.5	15.9	53	53	35	35	58	46	40	31(22)	60	26	58	32
		59	25	58	33(95)	33	33	55	55	25	58	33	58(264)
59.1	14.8	55	55	32	32	63	43	42	26(30)	63	22	60	29
		60	20	62	32(101)	30	30	57	57	20	60	32	62(258)
65.6	13.7	56	56	30	30	67	41	43	22(34)	66	18	62	26
		62	15	65	30(105)	28	28	58	58	15	61	31	66(254)
72.2	12.8	58	58	28	28	71	40	43	19(35)	69	15	65	23
		63	11	69	29(108)	26	26	60	60	11	63	30	69(251)
78.7	11.9	60	60	26	26	75	38	43	15(37)	72	11	67	21
		67	8	71	26(105)	24	24	62	62	7	66	27	71(254)
85.3	10.6	60	60	24	24	76	37	44	13(38)	73	9	68	19
		67	5	72	25(106)	22	22	63	63	5	66	26	73(253)
91.9	9.0	60	60	24	24	76	36	43	13(38)	73	8	68	19
		67	4	73	25(106)	22	22	63	63	4	66	25	73(253)
98.4	7.7	60	60	23	23	77	35	43	12(39)	74	7	68	18
		66	3	73	25(107)	21	21	63	63	3	66	25	73(252)
105.0	6.6	60	60	22	22	77	35	43	11(39)	74	6	69	17
		67	2	73	24(107)	20	20	63	63	2	66	24	73(252)
111.5	5.5	60	60	22	22	77	34	43	10(39)	74	6	69	17
		67	1	73	24(107)	20	20	63	63	1	66	24	73(252)
118.1	4.6	60	60	22	22	78	33	43	9(40)	75	5	69	16
		66	0	74	23(108)	19	19	63	63	0	66	24	74(251)
124.7	3.7	60	60	21	21	78	33	43	9(40)	75	4	69	15
		66	0	75	22(108)	19	19	63	63	0	65	23	75(251)
131.2	2.9	60	60	21	21	78	33	43	8(40)	75	4	69	15
		65	0	75	22(108)	18	18	63	63	0	65	22	75(251)

 HA=100.4 HI= 55.8 GGW= 28.7 SL= 0.0 MAX(A,B,C,D)= 7.3 6.2 7.0 7.0

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

Counterweight = 28.7 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]												(Pos.[Degrees])	0-360 Degr.			
	1(0)				2(...)				3(90)								
	4(...)				5(180)				6(...)								
A	B	C	D	A	B	C	D	A	B	C	D						
45.9	17.4	51	51	37	37	54	49	39	35	(12)	57	30	56	35			
		57	30	56	35	(90)	35	35	53	53	30	57	35	56	(270)		
52.5	16.5	54	54	34	34	61	45	41	29	(26)	62	25	59	31			
		60	23	60	32	(98)	32	32	56	56	23	60	33	60	(261)		
59.1	15.9	57	57	31	31	67	41	43	23	(34)	66	20	63	27			
		62	17	65	31	(105)	29	29	59	59	17	62	32	66	(254)		
65.6	15.2	59	59	28	28	73	40	44	19	(36)	71	15	66	23			
		64	11	70	30	(109)	26	26	61	61	11	63	30	70	(250)		
72.2	14.1	61	61	26	26	76	38	44	15	(38)	74	11	68	21			
		67	7	72	27	(106)	24	24	63	63	7	67	27	73	(253)		
78.7	11.9	61	61	25	25	76	37	44	14	(38)	73	10	68	20			
		67	6	72	26	(106)	23	23	63	63	6	67	26	72	(253)		
85.3	10.1	60	60	24	24	76	37	43	13	(38)	73	9	68	19			
		67	5	72	25	(106)	22	22	63	63	5	66	26	73	(253)		
91.9	8.6	60	60	24	24	77	35	44	12	(39)	73	8	68	18			
		66	4	73	25	(107)	21	21	63	63	4	66	26	73	(252)		
98.4	7.3	60	60	23	23	77	35	43	11	(39)	74	7	68	18			
		66	3	73	24	(107)	21	21	63	63	3	66	25	73	(252)		
105.0	6.2	60	60	22	22	77	34	43	11	(39)	74	6	69	17			
		67	2	73	24	(107)	20	20	63	63	2	66	24	74	(252)		
111.5	5.1	60	60	22	22	77	34	43	10	(39)	74	6	69	16			
		67	1	73	23	(107)	19	19	63	63	1	66	24	74	(252)		
118.1	4.2	60	60	21	21	78	33	43	9	(40)	75	5	69	15			
		66	0	74	23	(108)	19	19	63	63	0	65	23	75	(251)		
124.7	3.3	60	60	21	21	78	33	43	9	(40)	75	4	69	15			
		65	0	75	22	(108)	18	18	63	63	0	65	22	75	(251)		
131.2	2.4	60	60	21	21	78	32	43	8	(40)	75	4	69	15			
		65	0	75	21	(108)	18	18	63	63	0	64	22	76	(251)		

HA=110.2 HI= 55.8 GGW= 28.7 SL= 0.0 MAX(A,B,C,D)= 7.3 6.2 7.0 7.0

Main boom and fixed jib (jib angle 20.0 degrees)

Length of main boom = 114.5 ft Length of jib = 55.8 ft

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

Counterweight = 28.7 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]												(Pos.[Degrees])	0-360 Degr.			
	1(0)				2(...)				3(90)								
	4(...)				5(180)				6(...)								
A	B	C	D	A	B	C	D	A	B	C	D						
52.5	16.1	54	54	34	34	60	45	41	30	(25)	61	25	58	31			
		59	24	60	33	(97)	32	32	55	55	24	59	33	60	(262)		
59.1	15.0	56	56	32	32	65	42	42	25	(32)	64	21	61	28			
		61	19	64	31	(103)	30	30	58	58	19	61	32	64	(256)		
65.6	13.9	57	57	29	29	69	40	43	21	(36)	68	17	63	25			
		62	14	67	30	(106)	27	27	59	59	14	62	30	67	(253)		
72.2	13.2	60	60	27	27	74	38	44	17	(37)	71	13	67	22			
		66	9	70	27	(105)	25	25	62	62	9	65	28	71	(254)		

78.7	11.9	61	61	25	25	76	37	44	14(38)	73	10	68	20
		67	6	72	26(106)	23	23	63	63	6	66	26	72(253)
85.3	10.1	60	60	24	24	76	37	43	13(38)	73	9	68	19
		67	5	72	25(106)	22	22	63	63	5	66	26	73(253)
91.9	8.6	60	60	24	24	77	35	44	12(39)	73	8	68	18
		66	4	73	25(107)	21	21	63	63	4	66	26	73(252)
98.4	7.3	60	60	23	23	77	35	43	12(39)	74	7	68	18
		66	3	73	24(107)	21	21	63	63	3	66	25	73(252)
105.0	6.2	60	60	22	22	77	34	43	11(39)	74	6	69	17
		67	2	73	24(107)	20	20	63	63	2	66	24	73(252)
111.5	5.1	60	60	22	22	77	34	43	10(39)	74	6	69	16
		67	1	73	23(107)	19	19	63	63	1	66	24	73(252)
118.1	4.2	60	60	21	21	78	33	43	9(40)	75	5	69	16
		66	0	74	23(108)	19	19	63	63	0	65	24	74(251)
124.7	3.3	60	60	21	21	78	33	43	9(40)	75	4	69	15
		66	0	75	22(108)	18	18	63	63	0	65	22	75(251)
131.2	2.4	60	60	21	21	78	32	43	8(40)	74	4	69	15
		65	0	75	22(108)	18	18	63	63	0	64	22	75(251)

 HA=114.5 HI= 55.8 GGW= 28.7 SL= 0.0 MAX(A,B,C,D)= 7.3 6.2 7.0 7.0

Main boom and fixed jib (jib angle 20.0 degrees)

Length of main boom = 124.3 ft Length of jib = 55.8 ft

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

Counterweight = 28.7 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
	1(0)		2(...)		3(90)		6(...)						
	A	B	C	D	A	B	C	D					
52.5	16.3	54	54	34	34	62	45	41	28(27)	62	24	59	31
		60	23	61	32(99)	32	32	56	56	23	60	33	61(260)
59.1	15.7	57	57	31	31	68	41	43	23(34)	67	19	63	27
		62	16	66	31(105)	29	29	59	59	16	62	31	66(254)
65.6	15.0	60	60	28	28	73	40	44	18(36)	71	14	66	23
		64	10	71	30(109)	26	26	62	62	10	63	30	71(250)
72.2	13.9	61	61	25	25	77	38	44	15(38)	74	11	69	20
		68	7	73	26(106)	23	23	63	63	6	67	27	73(253)
78.7	11.7	61	61	25	25	77	37	44	14(38)	74	10	68	19
		67	6	73	26(106)	23	23	63	63	6	67	26	73(253)
85.3	9.7	60	60	24	24	76	36	43	13(38)	73	9	68	19
		67	5	72	25(106)	22	22	63	63	5	66	26	73(253)
91.9	8.2	60	60	24	24	76	35	44	12(39)	73	8	68	18
		66	4	73	25(107)	21	21	63	63	4	66	25	73(252)
98.4	7.1	61	61	23	23	77	35	43	11(39)	74	7	69	17
		67	2	73	24(107)	20	20	63	63	2	66	24	74(252)
105.0	5.7	60	60	22	22	77	34	43	11(39)	74	6	68	17
		67	2	73	24(107)	20	20	63	63	2	66	24	73(252)
111.5	4.9	61	61	22	22	78	33	44	9(40)	75	5	69	16
		67	0	74	23(108)	19	19	63	63	0	66	24	75(251)
118.1	3.7	60	60	21	21	78	33	43	9(40)	74	5	69	15
		66	0	74	23(108)	19	19	63	63	0	65	23	74(251)
124.7	2.9	60	60	21	21	78	33	43	9(40)	75	4	69	15
		65	0	75	22(108)	18	18	63	63	0	65	22	75(251)

 HA=124.3 HI= 55.8 GGW= 28.7 SL= 0.0 MAX(A,B,C,D)= 7.3 6.2 6.9 7.0

Main boom and fixed jib (jib angle 20.0 degrees)
 Length of main boom = 130.9 ft Length of jib = 55.8 ft
 Main boom sequence = 0-0-0-100-100-100 % LK = 46
 Counterweight = 28.7 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
	1(0)		2(...)		3(90)		6(...)						
	A	B	C	D	A	B		C		D			
52.5	15.9	54	54	34	34	61	45	41	29(26)	61	25	59	31
		60	24	60	32(97)	32	32	56	56	23	59	33	60(262)
59.1	15.0	56	56	31	31	66	42	43	24(33)	65	20	62	27
		61	18	65	31(104)	29	29	58	58	17	61	32	65(255)
65.6	14.1	58	58	28	28	71	40	43	20(35)	69	16	65	24
		63	12	69	30(108)	27	27	60	60	12	62	30	69(251)
72.2	13.2	60	60	26	26	75	38	44	16(37)	73	12	67	21
		67	8	71	26(105)	24	24	62	62	8	66	27	71(254)
78.7	11.7	61	61	25	25	77	37	44	14(38)	74	9	68	19
		67	6	73	26(106)	22	22	63	63	5	67	26	73(253)
85.3	9.7	60	60	24	24	76	36	43	13(38)	73	9	68	19
		67	5	72	25(106)	22	22	63	63	5	66	26	73(253)
91.9	8.2	60	60	24	24	77	35	44	12(39)	73	8	68	18
		66	4	73	25(107)	21	21	63	63	4	66	25	73(252)
98.4	6.8	60	60	23	23	77	35	43	11(39)	74	7	68	17
		66	3	73	24(107)	21	21	63	63	2	66	25	73(252)
105.0	5.7	60	60	22	22	77	34	43	10(39)	74	6	69	17
		67	2	73	24(107)	20	20	63	63	1	66	24	73(252)
111.5	4.9	61	61	21	21	78	33	44	9(40)	75	5	69	16
		67	0	74	23(108)	19	19	63	63	0	66	24	75(251)
118.1	3.7	60	60	21	21	78	33	43	9(40)	75	4	69	15
		66	0	74	23(108)	19	19	63	63	0	65	23	75(251)
124.7	2.9	60	60	21	21	78	33	43	8(40)	75	4	69	15
		65	0	75	22(108)	18	18	63	63	0	65	22	75(251)

 HA=130.9 HI= 55.8 GGW= 28.7 SL= 0.0 MAX(A,B,C,D)= 7.3 6.2 7.0 7.0

Main boom and fixed jib (jib angle 20.0 degrees)
 Length of main boom = 138.1 ft Length of jib = 55.8 ft
 Main boom sequence = 0-0-45-90-90-90 % LK = 54
 Counterweight = 28.7 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
	1(0)		2(...)		3(90)		6(...)						
	A	B	C	D	A	B		C		D			
59.1	15.4	57	57	30	30	69	41	43	22(35)	67	18	63	26
		62	15	67	31(106)	28	28	59	59	15	62	31	67(253)
65.6	15.0	60	60	27	27	75	39	44	17(37)	72	13	67	22
		67	9	71	27(105)	25	25	62	62	9	66	28	71(254)
72.2	13.2	61	61	25	25	77	37	44	14(38)	74	10	68	20
		67	6	73	26(106)	23	23	63	63	6	67	27	73(253)

78.7	11.0	61	61	24	24	77	37	44	13(38)	74	9	68	19
		67	5	73	25(106)	22	22	63	63	5	67	26	73(253)
85.3	9.3	61	61	24	24	77	35	44	12(39)	74	8	68	18
		67	4	73	25(107)	22	22	63	63	4	66	26	73(252)
91.9	7.7	60	60	23	23	77	35	44	11(39)	74	7	68	18
		67	3	73	24(107)	21	21	63	63	3	66	25	73(252)
98.4	6.4	60	60	22	22	77	35	43	11(39)	74	6	69	17
		67	2	73	24(107)	20	20	63	63	2	66	24	74(252)
105.0	5.1	60	60	22	22	77	34	43	10(39)	74	6	68	16
		67	1	73	24(107)	20	20	63	63	1	66	24	73(252)
111.5	4.0	60	60	22	22	77	34	43	10(39)	74	5	68	16
		67	1	73	23(107)	19	19	63	63	0	66	24	73(252)
118.1	3.1	60	60	21	21	78	33	43	9(40)	75	4	69	15
		66	0	75	22(108)	18	18	63	63	0	65	23	75(251)

HA=138.1 HI= 55.8 GGW= 28.7 SL= 0.0 MAX(A,B,C,D)= 7.2 6.2 6.9 7.0

Main boom and fixed jib (jib angle 20.0 degrees)

Length of main boom = 145.0 ft Length of jib = 55.8 ft

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

Counterweight = 28.7 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.			
		1(0)		2(...)		3(90)		6(...)					
		4(...)		5(180)		6(...)							
		A	B	C	D	A	B	C	D				
59.1	15.0	57	57	30	30	68	41	43	23(34)	66	19	63	26
		62	16	66	31(105)	29	29	59	59	16	62	31	66(254)
65.6	14.3	59	59	28	28	73	39	43	18(36)	71	14	66	23
		64	10	70	30(109)	26	26	61	61	10	63	30	71(250)
72.2	13.0	61	61	26	26	76	37	44	15(38)	73	11	68	20
		67	7	72	26(106)	23	23	63	63	7	67	27	73(253)
78.7	10.8	60	60	25	25	76	37	44	14(38)	73	10	68	20
		67	6	72	26(106)	23	23	63	63	6	66	26	72(253)
85.3	9.0	60	60	24	24	76	36	43	13(38)	73	9	68	19
		67	5	72	25(106)	22	22	63	63	4	66	25	73(253)
91.9	7.5	60	60	23	23	77	35	43	12(39)	73	8	68	18
		66	3	73	25(107)	21	21	63	63	3	66	25	73(252)
98.4	6.2	60	60	23	23	77	35	43	11(39)	74	7	68	17
		66	2	73	24(107)	20	20	63	63	2	66	25	73(252)
105.0	5.1	60	60	22	22	77	34	43	10(39)	74	6	69	16
		67	1	73	23(107)	19	19	63	63	1	66	24	73(252)
111.5	4.0	60	60	22	22	77	34	43	10(39)	74	5	69	16
		67	0	73	23(107)	19	19	63	63	0	66	24	74(252)
118.1	2.9	60	60	21	21	77	34	43	9(39)	74	5	68	16
		66	0	73	23(107)	19	19	62	62	0	66	23	73(252)

HA=145.0 HI= 55.8 GGW= 28.7 SL= 0.0 MAX(A,B,C,D)= 7.2 6.2 6.8 6.8

Main boom and fixed jib (jib angle 20.0 degrees)

Length of main boom = 152.2 ft Length of jib = 55.8 ft

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

Counterweight = 28.7 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.						
	1(0)				2(...)				3(90)						
	4(...)				5(180)				6(...)						
	A	B	C	D	A	B	C	D	A	B	C	D			
59.1	15.2	58	58	30	30	70	40	44	21	(36)	68	18	64	26	
		63	15	67	30	(106)	28	28	60	60		14	62	31	67
65.6	14.3	60	60	27	27	74	39	44	17	(37)	72	13	67	22	
		67	9	71	27	(105)	25	25	62	62		9	66	28	71
72.2	11.9	60	60	26	26	74	38	43	16	(37)	72	12	67	21	
		66	8	71	26	(105)	24	24	62	62		8	66	27	71
78.7	9.9	60	60	25	25	75	37	43	14	(38)	72	10	67	20	
		66	6	71	26	(106)	23	23	62	62		6	65	26	71
85.3	8.2	60	60	24	24	75	36	43	13	(38)	72	9	67	19	
		66	5	71	25	(106)	22	22	62	62		5	65	26	72
91.9	6.6	59	59	24	24	75	35	43	13	(38)	72	8	67	18	
		66	4	71	24	(106)	21	21	62	62		4	65	25	72
98.4	5.3	59	59	23	23	76	34	43	12	(39)	73	7	67	18	
		65	3	72	24	(107)	21	21	62	62		3	65	25	72
105.0	4.2	60	60	22	22	76	34	43	11	(39)	73	6	68	17	
		66	2	72	24	(107)	20	20	62	62		2	65	24	73
111.5	3.1	59	59	22	22	76	34	43	10	(39)	73	6	68	16	
		66	1	72	23	(107)	19	19	62	62		1	65	24	73

HA=152.2 HI= 55.8 GGW= 28.7 SL= 0.0 MAX(A,B,C,D)= 7.1 6.1 6.7 6.7

Main boom and fixed jib (jib angle 20.0 degrees)

Length of main boom = 161.4 ft Length of jib = 55.8 ft
Main boom sequence = 0-0-100-100-100-100 % LK = 63
Counterweight = 28.7 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.						
	1(0)				2(...)				3(90)						
	4(...)				5(180)				6(...)						
	A	B	C	D	A	B	C	D	A	B	C	D			
65.6	13.9	60	60	27	27	73	39	43	18	(36)	71	13	66	22	
		66	10	70	27	(104)	25	25	62	62		10	66	28	70
72.2	11.7	60	60	26	26	74	38	43	16	(37)	72	12	67	21	
		66	8	71	26	(105)	24	24	62	62		8	66	27	71
78.7	9.5	59	59	25	25	74	37	43	15	(37)	71	11	66	20	
		66	7	70	26	(105)	23	23	61	61		7	65	26	71
85.3	7.9	59	59	24	24	75	36	43	14	(38)	72	9	67	19	
		66	6	71	25	(106)	22	22	62	62		5	65	26	71
91.9	6.4	59	59	24	24	75	35	43	13	(38)	72	8	67	19	
		65	4	71	25	(106)	21	21	62	62		4	65	25	71
98.4	5.1	59	59	23	23	75	35	43	12	(38)	72	7	67	18	
		66	4	71	24	(106)	21	21	62	62		3	65	24	72
105.0	3.7	59	59	23	23	75	35	42	12	(38)	72	7	67	18	
		65	3	71	24	(106)	20	20	61	61		3	65	24	71
111.5	2.9	59	59	22	22	76	34	43	11	(39)	73	6	67	17	
		65	2	72	24	(107)	19	19	62	62		2	65	24	72

HA=161.4 HI= 55.8 GGW= 28.7 SL= 0.0 MAX(A,B,C,D)= 7.0 6.1 6.7 6.7

Main boom and fixed jib (jib angle 20.0 degrees)

Length of main boom = 166.0 ft Length of jib = 55.8 ft
 Main boom sequence = 0-45-90-90-90-90 % LK = 68
 Counterweight = 28.7 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]								(Pos.[Degrees])				0-360 Degr.
		1(0)				2(...)				3(90)				
		4(...)				5(180)				6(...)				
A	B	C	D	A	B	C	D	A	B	C	D			
65.6	12.8	59	59	27	27	72	39	43	18(36)	70	14	65	23	
		63	10	70	29(109)	25	25	61	61	10	63	30	70(250)	
72.2	10.6	59	59	26	26	73	38	43	17(36)	71	12	66	21	
		65	9	69	26(104)	24	24	61	61	9	65	27	70(255)	
78.7	8.6	59	59	25	25	73	37	43	15(37)	71	11	66	21	
		65	7	70	26(105)	23	23	61	61	7	65	26	70(254)	
85.3	6.8	58	58	25	25	73	37	42	14(37)	71	10	66	20	
		65	6	70	25(105)	22	22	61	61	6	65	26	70(254)	
91.9	5.3	58	58	24	24	73	35	43	13(38)	71	9	66	19	
		65	5	70	25(106)	22	22	61	61	5	64	25	70(253)	
98.4	4.0	58	58	24	24	74	35	42	13(38)	71	8	66	18	
		65	4	70	24(106)	21	21	61	61	4	64	25	71(253)	
105.0	2.9	58	58	23	23	74	35	42	12(38)	71	7	66	18	
		65	3	71	24(106)	20	20	61	61	3	64	24	71(253)	

HA=166.0 HI= 55.8 GGW= 28.7 SL= 0.0 MAX(A,B,C,D)= 6.9 6.0 6.6 6.6

Main boom and fixed jib (jib angle 20.0 degrees)

Length of main boom = 175.5 ft Length of jib = 55.8 ft
 Main boom sequence = 0-45-100-100-100-100 % LK = 69
 Counterweight = 28.7 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]								(Pos.[Degrees])				0-360 Degr.
		1(0)				2(...)				3(90)				
		4(...)				5(180)				6(...)				
A	B	C	D	A	B	C	D	A	B	C	D			
72.2	10.1	58	58	27	27	72	38	43	17(36)	70	13	65	22	
		65	10	69	27(104)	24	24	60	60	9	64	27	69(255)	
78.7	8.2	58	58	26	26	72	38	42	16(36)	70	12	65	21	
		65	8	69	26(104)	24	24	60	60	8	64	26	69(255)	
85.3	6.6	58	58	25	25	73	37	42	15(37)	70	10	66	20	
		65	7	69	25(105)	22	22	61	61	7	64	26	70(254)	
91.9	5.1	58	58	24	24	73	36	42	14(37)	70	9	66	19	
		65	6	70	25(105)	22	22	61	61	6	64	25	70(254)	
98.4	3.7	58	58	24	24	73	35	42	13(38)	70	9	66	19	
		64	5	70	25(106)	21	21	61	61	5	64	25	70(253)	
105.0	2.6	58	58	23	23	73	35	42	12(38)	71	8	66	18	
		64	4	70	24(106)	21	21	61	61	4	64	24	70(253)	

HA=175.5 HI= 55.8 GGW= 28.7 SL= 0.0 MAX(A,B,C,D)= 6.8 6.0 6.5 6.5

Main boom and fixed jib (jib angle 20.0 degrees)

Length of main boom = 180.1 ft Length of jib = 55.8 ft
 Main boom sequence = 0-90-90-90-90-90 % LK = 73
 Counterweight = 28.7 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]								(Pos.[Degrees])				0-360 Degr.	
	1(0)		2(...)				3(90)		4(...)					
	A	B	C	D	A	B	C	D	A	B	C	D		
72.2	9.3	58	58	27	27	71	38	42	17(36)	69	13	65	22	
		64	10	68	27(104)	24	24	60	60	10	64	27	68(255)	
78.7	7.3	58	58	26	26	71	37	42	16(36)	69	12	65	21	
		64	9	68	26(104)	24	24	60	60	8	64	26	68(255)	
85.3	5.5	57	57	25	25	71	37	42	16(36)	69	11	65	21	
		64	8	68	25(104)	23	23	60	60	7	63	26	68(255)	
91.9	4.2	58	58	24	24	72	36	42	14(37)	70	10	65	19	
		64	6	69	25(105)	22	22	60	60	6	63	25	69(254)	
98.4	2.9	57	57	24	24	72	35	41	13(37)	70	9	65	19	
		64	5	69	24(105)	21	21	60	60	5	63	25	69(254)	

HA=180.1 HI= 55.8 GGW= 28.7 SL= 0.0 MAX(A,B,C,D)= 6.7 5.9 6.4 6.4

Main boom and fixed jib (jib angle 20.0 degrees)

Length of main boom = 191.9 ft Length of jib = 55.8 ft

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

Counterweight = 28.7 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]								(Pos.[Degrees])				0-360 Degr.	
	1(0)		2(...)				3(90)		4(...)					
	A	B	C	D	A	B	C	D	A	B	C	D		
72.2	8.6	57	57	27	27	69	39	42	18(35)	68	14	64	23	
		62	10	68	29(108)	25	25	59	59	10	61	29	68(251)	
78.7	6.8	57	57	26	26	70	37	42	17(36)	68	12	64	22	
		63	9	67	26(104)	24	24	60	60	9	63	27	68(255)	
85.3	5.1	57	57	26	26	70	37	41	16(36)	68	11	64	21	
		63	8	67	26(104)	23	23	59	59	8	63	26	68(255)	
91.9	3.7	57	57	25	25	71	36	41	15(36)	69	10	64	20	
		64	7	68	25(104)	22	22	60	60	7	63	25	68(255)	
98.4	2.4	57	57	24	24	71	35	41	14(37)	69	9	65	19	
		63	6	68	25(105)	22	22	60	60	6	63	25	69(254)	

HA=191.9 HI= 55.8 GGW= 28.7 SL= 0.0 MAX(A,B,C,D)= 6.6 5.9 6.3 6.4

HA=191.9 HI= 55.8 GGW= 28.7 SL= 0.0 MAX(A,B,C,D)= 0.0 0.0 0.0 0.0

HA=191.9 HI= 55.8 GGW= 28.7 SL= 0.0 MAX(A,B,C,D)= 0.0 0.0 0.0 0.0

HA=191.9 HI= 55.8 GGW= 28.7 SL= 0.0 MAX(A,B,C,D)= 0.0 0.0 0.0 0.0

HA=191.9 HI= 55.8 GGW= 28.7 SL= 0.0 MAX(A,B,C,D)= 0.0 0.0 0.0 0.0

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

14.10.2003, 15:37:22

Eingabedatei: ilam.dat

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

Tabellendat.: /berechnung/tabellen/ac/ac200-1/serie_3/pc_tab/22137312_tab.txt

H

DEMAG Mobile Cranes

OUTRIGGER - LOADINGS
(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 = 55.8 ft
 Main boom sequence = 0-0-0-0-0-0 % LK = 1
 Counterweight = 28.7 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
	1(0)				2(...)				3(90)				
	4(...)				5(180)				6(...)				
	A	B	C	D	A	B	C	D	A	B	C	D	
45.9	15.2	46	46	41	41	49	40	46	40(59)	48	37	49	41
		45	37	50	43(128)	40	40	48	48	37	45	43	50(232)
52.5	14.3	48	48	39	39	54	37	48	35(59)	52	33	52	37
		52	33	52	37(90)	37	37	50	50	33	52	37	52(270)
59.1	13.7	51	51	35	35	55	46	39	33(17)	57	28	55	33
		57	28	55	33(90)	34	34	53	53	28	57	33	55(270)
65.6	13.2	54	54	32	32	62	43	41	26(29)	62	22	59	29
		60	20	61	31(100)	30	30	56	56	20	59	32	61(259)
72.2	13.0	57	57	29	29	70	39	43	20(36)	68	16	64	24
		62	13	67	30(107)	27	27	60	60	13	62	30	67(252)

 HA= 40.7 HI= 55.8 GGW= 28.7 SL= 0.0 MAX(A,B,C,D)= 6.5 5.7 6.3 6.3

Main boom and fixed jib (jib angle 40.0 degrees)
 Length of main boom = 54.5 ft Length of jib = 55.8 ft
 Main boom sequence = 0-0-0-0-0-45 % LK = 7
 Counterweight = 28.7 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
	1(0)				2(...)				3(90)				
	4(...)				5(180)				6(...)				
	A	B	C	D	A	B	C	D	A	B	C	D	
45.9	15.2	45	45	42	42	48	40	46	40(59)	47	38	48	41
		45	37	49	43(128)	40	40	47	47	37	45	43	49(232)
52.5	14.6	48	48	39	39	54	37	48	35(59)	52	33	52	37
		52	33	52	37(90)	37	37	50	50	33	52	37	52(270)
59.1	13.9	51	51	36	36	54	47	39	33(15)	57	28	55	33
		57	28	55	33(90)	34	34	53	53	28	57	33	55(270)
65.6	13.4	54	54	33	33	61	43	41	27(28)	62	23	59	30
		59	21	60	32(99)	31	31	56	56	21	59	32	61(260)
72.2	13.0	56	56	30	30	68	40	43	22(35)	66	18	62	26
		62	15	65	30(105)	28	28	58	58	15	61	30	66(254)

78.7 12.8 60 60 26 26 74 38 43 17(37) 71 12 67 22
 66 9 70 27(105) 24 24 62 62 9 65 27 71(254)
 85.3 11.0 60 60 25 25 75 37 44 15(38) 73 10 67 20
 66 6 71 26(106) 23 23 62 62 6 66 26 72(253)

 HA= 54.5 HI= 55.8 GGW= 28.7 SL= 0.0 MAX(A,B,C,D)= 7.0 6.1 6.6 6.7

Main boom and fixed jib (jib angle 40.0 degrees)
 Length of main boom = 68.6 ft Length of jib = 55.8 ft
 Main boom sequence = 0-0-0-0-0-90 % LK = 13
 Counterweight = 28.7 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.			
		1(0)				2(...)							
		4(...)				5(180)				6(...)			
		A	B	C	D	A	B	C	D	A	B	C	D
52.5	14.6	48	48	39	39	53	37	48	35(59)	52	33	52	37
		52	33	52	37(90)	37	37	50	50	33	52	37	52(270)
59.1	13.9	50	50	36	36	53	47	39	34(13)	56	28	55	34
		56	28	55	34(90)	34	34	52	52	28	56	34	55(270)
65.6	13.2	53	53	33	33	60	44	41	28(26)	60	24	58	30
		59	23	59	32(98)	31	31	55	55	22	58	32	60(261)
72.2	12.3	55	55	31	31	64	41	42	24(32)	64	20	61	27
		60	18	63	31(103)	29	29	57	57	18	60	31	63(256)
78.7	11.7	57	57	28	28	69	39	43	20(36)	67	16	63	24
		62	13	67	30(107)	26	26	59	59	13	61	30	67(252)
85.3	11.0	59	59	26	26	73	38	43	16(37)	71	12	66	21
		65	9	70	27(105)	24	24	61	61	8	65	27	70(254)
91.9	9.7	60	60	25	25	75	37	43	14(38)	72	10	67	20
		66	6	71	26(106)	22	22	62	62	6	65	26	71(253)
98.4	8.2	60	60	24	24	75	36	43	13(38)	73	9	67	19
		66	5	72	25(106)	22	22	62	62	5	65	25	72(253)

 HA= 68.6 HI= 55.8 GGW= 28.7 SL= 0.0 MAX(A,B,C,D)= 7.0 6.1 6.7 6.7

Main boom and fixed jib (jib angle 40.0 degrees)
 Length of main boom = 70.2 ft Length of jib = 55.8 ft
 Main boom sequence = 0-0-0-0-0-100 % LK = 14
 Counterweight = 28.7 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.			
		1(0)				2(...)							
		4(...)				5(180)				6(...)			
		A	B	C	D	A	B	C	D	A	B	C	D
52.5	13.9	47	47	39	39	52	38	47	36(59)	50	34	50	38
		46	33	52	42(128)	37	37	49	49	33	46	42	52(232)
59.1	12.8	49	49	37	37	49	49	37	37(2)	54	30	53	35
		54	30	53	35(90)	35	35	51	51	30	54	35	53(270)
65.6	11.9	51	51	35	35	55	45	39	31(19)	57	26	56	32
		57	26	56	32(92)	33	33	53	53	26	57	33	56(267)
72.2	11.0	53	53	32	32	60	43	40	27(27)	60	23	58	29
		58	21	60	31(99)	30	30	55	55	21	58	32	60(260)
78.7	10.1	54	54	30	30	64	41	41	24(32)	63	19	60	27
		60	17	63	30(103)	28	28	56	56	17	59	30	63(256)

85.3 9.5 56 56 28 28 68 38 43 20(36) 66 16 63 24
 61 13 66 29(106) 26 26 58 58 13 61 29 66(253)
 91.9 9.0 58 58 26 26 72 38 42 16(36) 70 12 65 21
 65 9 69 26(104) 24 24 60 60 8 65 26 69(255)
 98.4 8.4 60 60 24 24 76 36 43 13(38) 73 8 68 19
 66 4 72 25(106) 22 22 62 62 4 66 25 72(253)

 HA= 70.2 HI= 55.8 GGW= 28.7 SL= 0.0 MAX(A,B,C,D)= 7.0 6.1 6.7 6.7

Main boom and fixed jib (jib angle 40.0 degrees)
 Length of main boom = 82.3 ft Length of jib = 55.8 ft
 Main boom sequence = 0-0-0-0-45-90 % LK = 20
 Counterweight = 28.7 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]								(Pos.[Degrees])				0-360 Degr.				
		1(0)		2(...)				3(90)		4(...)		5(180)			6(...)			
		A	B	C	D	A	B	C	D	A	B	C	D		A	B	C	D
52.5	14.6	48	48	39	39	54	37	48	35(59)	52	33	52	37	52	33	52	37	52(270)
59.1	14.1	51	51	36	36	54	47	39	33(15)	57	28	55	34	57	28	55	34	55(270)
65.6	13.4	53	53	33	33	61	44	41	28(27)	61	24	58	30	61	24	58	30	60(261)
72.2	12.8	56	56	30	30	66	41	42	23(33)	65	19	62	27	65	19	62	27	64(255)
78.7	12.1	58	58	28	28	70	39	43	19(35)	68	15	64	24	68	15	64	24	68(251)
85.3	11.5	60	60	26	26	74	38	43	15(37)	72	11	67	21	72	11	67	21	71(254)
91.9	9.9	60	60	25	25	75	37	43	14(38)	73	10	67	20	73	10	67	20	72(253)
98.4	8.4	60	60	24	24	75	36	43	13(38)	73	9	67	19	73	9	67	19	72(253)
105.0	7.1	60	60	23	23	76	35	43	12(39)	73	8	68	18	73	8	68	18	73(252)
111.5	6.0	60	60	22	22	77	34	43	11(39)	74	6	68	17	74	6	68	17	73(252)

 HA= 82.3 HI= 55.8 GGW= 28.7 SL= 0.0 MAX(A,B,C,D)= 7.1 6.1 6.8 6.8

Main boom and fixed jib (jib angle 40.0 degrees)
 Length of main boom = 84.0 ft Length of jib = 55.8 ft
 Main boom sequence = 0-0-0-0-45-100 % LK = 21
 Counterweight = 28.7 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]								(Pos.[Degrees])				0-360 Degr.				
		1(0)		2(...)				3(90)		4(...)		5(180)			6(...)			
		A	B	C	D	A	B	C	D	A	B	C	D		A	B	C	D
59.1	13.2	50	50	37	37	51	48	38	35(8)	55	29	54	34	55	29	54	34	54(270)
65.6	12.1	51	51	34	34	56	45	39	31(20)	58	26	56	32	58	26	56	32	57(266)

72.2	11.5	53	53	32	32	62	42	41	26(29)	61	22	59	29
		59	20	61	31(100)	30	30	56	56	20	59	31	61(259)
78.7	10.6	55	55	30	30	65	40	42	23(33)	64	19	61	26
		60	16	64	30(104)	28	28	57	57	16	60	30	64(255)
85.3	10.1	57	57	28	28	70	39	42	19(35)	68	14	64	23
		62	11	68	29(108)	25	25	60	60	11	61	29	68(251)
91.9	9.5	59	59	26	26	73	37	43	15(37)	71	11	66	21
		65	7	70	26(105)	23	23	61	61	7	65	26	70(254)
98.4	8.4	60	60	24	24	75	36	43	13(38)	72	9	67	19
		66	5	71	25(106)	22	22	62	62	5	65	26	72(253)
105.0	7.1	60	60	24	24	75	35	43	12(38)	73	8	67	18
		66	4	72	24(106)	21	21	62	62	4	66	25	72(253)
111.5	6.0	60	60	23	23	77	34	43	11(39)	73	7	68	17
		66	2	73	24(107)	20	20	62	62	2	66	24	73(252)

 HA= 84.0 HI= 55.8 GGW= 28.7 SL= 0.0 MAX(A,B,C,D)= 7.1 6.1 6.8 6.8

Main boom and fixed jib (jib angle 40.0 degrees)
 Length of main boom = 96.5 ft Length of jib = 55.8 ft
 Main boom sequence = 0-0-0-0-90-90 % LK = 28
 Counterweight = 28.7 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.			
		1(0)		2(...)		3(90)		6(...)					
		4(...)		5(180)		6(...)							
		A	B	C	D	A	B	C	D	A	B	C	D
59.1	13.9	51	51	36	36	54	47	39	34(14)	56	28	55	34
		56	28	55	34(90)	34	34	53	53	28	56	34	55(270)
65.6	13.4	53	53	33	33	61	44	41	28(27)	61	23	58	30
		59	22	60	32(99)	31	31	55	55	22	59	32	60(260)
72.2	13.0	56	56	30	30	67	41	43	23(34)	65	19	62	26
		61	16	65	30(105)	28	28	58	58	16	61	31	65(254)
78.7	12.3	58	58	28	28	71	39	43	19(35)	69	15	65	23
		63	11	69	29(108)	26	26	60	60	11	62	30	69(251)
85.3	11.7	60	60	25	25	75	37	44	15(38)	73	11	67	20
		66	7	72	26(106)	23	23	62	62	7	66	27	72(253)
91.9	9.9	60	60	25	25	75	37	43	14(38)	73	10	67	20
		66	6	71	26(106)	22	22	62	62	6	66	26	72(253)
98.4	8.4	60	60	24	24	75	36	43	13(38)	73	9	67	19
		66	5	71	25(106)	22	22	62	62	5	65	26	72(253)
105.0	7.3	60	60	23	23	77	35	43	12(39)	73	7	68	18
		66	3	73	24(107)	21	21	62	62	3	66	25	73(252)
111.5	6.0	60	60	23	23	76	35	43	11(39)	73	7	68	17
		66	3	73	24(107)	20	20	62	62	2	65	25	73(252)
118.1	5.1	60	60	22	22	77	34	43	10(39)	74	5	69	16
		67	1	73	23(107)	19	19	63	63	1	66	24	74(252)

 HA= 96.5 HI= 55.8 GGW= 28.7 SL= 0.0 MAX(A,B,C,D)= 7.2 6.1 6.8 6.8

Main boom and fixed jib (jib angle 40.0 degrees)
 Length of main boom = 100.4 ft Length of jib = 55.8 ft
 Main boom sequence = 0-0-0-0-100-100 % LK = 29
 Counterweight = 28.7 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]								(Pos.[Degrees])				0-360 Degr.
	1(0)		2(...)				3(90)		4(...)				
	A	B	C	D	A	B	C	D	A	B	C	D	
59.1	13.2	50	50	37	37	52	48	38	35(8)	55	29	54	34
		55	29	54	34(90)	34	34	52	52	29	55	34	54(270)
65.6	12.3	52	52	34	34	57	45	40	30(22)	58	25	57	31
		58	25	57	32(94)	32	32	54	54	24	58	32	57(265)
72.2	11.7	54	54	32	32	62	42	41	26(30)	62	21	59	28
		59	19	62	31(101)	30	30	56	56	19	59	31	62(258)
78.7	11.0	56	56	29	29	67	40	42	22(34)	65	17	62	25
		61	15	65	30(105)	27	27	58	58	15	61	30	65(254)
85.3	10.4	58	58	27	27	70	39	42	18(35)	69	14	64	23
		62	10	68	29(108)	25	25	60	60	10	62	29	69(251)
91.9	9.9	60	60	25	25	75	37	43	14(38)	72	10	67	20
		66	6	71	26(106)	23	23	62	62	6	65	26	72(253)
98.4	8.4	60	60	24	24	75	36	43	13(38)	72	9	67	19
		66	5	71	25(106)	22	22	62	62	5	65	26	72(253)
105.0	7.3	60	60	23	23	76	35	43	12(39)	73	8	68	18
		66	3	73	25(107)	21	21	62	62	3	65	25	73(252)
111.5	6.2	60	60	23	23	77	34	43	11(39)	74	6	68	17
		66	2	73	24(107)	20	20	63	63	2	66	24	73(252)
118.1	5.1	60	60	22	22	77	34	43	10(39)	74	6	68	16
		66	1	73	23(107)	19	19	63	63	1	66	24	73(252)
124.7	4.2	60	60	21	21	78	33	43	9(40)	75	4	69	15
		66	0	74	23(108)	19	19	63	63	0	65	23	75(251)

HA=100.4 HI= 55.8 GGW= 28.7 SL= 0.0 MAX(A,B,C,D)= 7.3 6.1 6.9 6.9

Main boom and fixed jib (jib angle 40.0 degrees)
Length of main boom = 110.2 ft Length of jib = 55.8 ft
Main boom sequence = 0-0-0-45-90-90 % LK = 36
Counterweight = 28.7 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]								(Pos.[Degrees])				0-360 Degr.
	1(0)		2(...)				3(90)		4(...)				
	A	B	C	D	A	B	C	D	A	B	C	D	
65.6	13.4	54	54	33	33	62	43	41	27(28)	62	23	59	30
		59	21	61	32(100)	31	31	56	56	21	59	32	61(259)
72.2	13.0	56	56	30	30	67	41	43	22(34)	66	18	62	26
		62	15	65	30(105)	28	28	58	58	15	61	30	66(254)
78.7	12.6	59	59	27	27	73	39	43	17(36)	71	13	66	22
		65	10	69	27(104)	25	25	61	61	10	65	27	69(255)
85.3	11.5	60	60	25	25	75	37	44	15(38)	73	10	67	20
		67	7	72	26(106)	23	23	62	62	6	66	26	72(253)
91.9	9.7	60	60	25	25	75	37	43	14(38)	73	9	67	19
		66	6	72	25(106)	22	22	62	62	6	66	26	72(253)
98.4	8.2	60	60	24	24	75	36	43	13(38)	73	9	67	19
		66	5	72	25(106)	22	22	62	62	5	66	25	72(253)
105.0	6.8	60	60	23	23	76	35	43	12(38)	73	8	67	18
		66	4	72	24(106)	21	21	62	62	4	66	25	72(253)
111.5	5.7	60	60	23	23	76	34	43	11(39)	73	7	68	17
		66	2	73	24(107)	20	20	62	62	2	65	24	73(252)

118.1 4.9 60 60 22 22 77 34 43 10(39) 74 5 69 16
 67 1 73 23(107) 19 19 63 63 1 66 24 74(252)
 124.7 4.0 61 61 21 21 78 33 43 9(40) 75 4 69 15
 66 0 75 22(108) 18 18 63 63 0 65 23 75(251)
 131.2 2.9 60 60 21 21 78 33 43 9(40) 74 4 69 15
 65 0 75 22(108) 18 18 63 63 0 65 22 75(251)

 HA=110.2 HI= 55.8 GGW= 28.7 SL= 0.0 MAX(A,B,C,D)= 7.3 6.1 7.0 7.0

Main boom and fixed jib (jib angle 40.0 degrees)

Length of main boom = 114.5 ft Length of jib = 55.8 ft
 Main boom sequence = 0-0-0-45-100-100 % LK = 37
 Counterweight = 28.7 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]								(Pos.[Degrees])				0-360 Degr.											
		1(0)		2(...)				3(90)		4(...)		5(180)			6(...)										
		A	B	C	D	A	B	C	D	A	B	C	D		A	B	C	D							
65.6	12.6	52	52	34	34	59	44	40	29(24)	60	24	57	31	58	23	58	32(96)	32	32	54	54	23	58	32	59(263)
72.2	11.9	55	55	31	31	64	42	41	24(31)	63	20	60	28	60	18	63	31(103)	29	29	57	57	18	60	31	63(256)
78.7	11.2	57	57	29	29	69	39	43	20(36)	67	16	63	24	61	13	67	30(107)	26	26	59	59	13	61	30	67(252)
85.3	10.8	59	59	26	26	73	38	43	16(37)	71	12	66	21	65	9	70	26(105)	24	24	61	61	8	65	27	70(254)
91.9	9.7	60	60	25	25	75	37	43	14(38)	73	10	67	19	66	6	72	26(106)	22	22	62	62	6	66	26	72(253)
98.4	8.2	60	60	24	24	75	36	43	13(38)	73	9	67	19	66	5	72	25(106)	22	22	62	62	5	66	25	72(253)
105.0	7.1	60	60	23	23	77	35	43	12(39)	73	7	68	18	66	3	73	24(107)	21	21	62	62	3	66	25	73(252)
111.5	6.0	60	60	22	22	77	34	43	11(39)	74	6	68	17	67	2	73	24(107)	20	20	63	63	2	66	24	73(252)
118.1	4.9	60	60	22	22	77	34	43	10(39)	74	6	68	16	67	1	73	23(107)	19	19	63	63	1	66	24	73(252)
124.7	4.0	60	60	21	21	78	33	43	9(40)	75	4	69	15	66	0	74	23(108)	19	19	63	63	0	65	23	75(251)
131.2	2.9	60	60	21	21	77	33	43	9(40)	74	4	68	15	65	0	74	23(108)	19	19	63	63	0	65	23	74(251)

 HA=114.5 HI= 55.8 GGW= 28.7 SL= 0.0 MAX(A,B,C,D)= 7.3 6.1 6.9 6.9

Main boom and fixed jib (jib angle 40.0 degrees)

Length of main boom = 124.3 ft Length of jib = 55.8 ft
 Main boom sequence = 0-0-0-90-90-90 % LK = 45
 Counterweight = 28.7 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]								(Pos.[Degrees])				0-360 Degr.											
		1(0)		2(...)				3(90)		4(...)		5(180)			6(...)										
		A	B	C	D	A	B	C	D	A	B	C	D		A	B	C	D							
65.6	13.4	54	54	32	32	62	43	41	26(29)	62	22	59	29	60	21	61	31(100)	30	30	56	56	21	60	32	61(259)

72.2	13.0	57	57	30	30	68	40	43	21(35)	67	17	63	25
		62	14	66	30(106)	27	27	59	59	14	61	30	66(253)
78.7	12.8	60	60	26	26	74	38	44	16(37)	72	12	67	21
		66	9	71	27(105)	24	24	62	62	9	66	27	71(254)
85.3	11.2	60	60	25	25	76	37	44	14(38)	73	10	68	20
		67	6	72	26(106)	23	23	62	62	6	66	26	72(253)
91.9	9.5	60	60	24	24	76	36	43	14(38)	73	9	68	19
		66	5	72	25(106)	22	22	62	62	5	66	26	72(253)
98.4	7.9	60	60	24	24	76	36	43	13(38)	73	8	67	19
		66	4	72	25(106)	22	22	62	62	4	66	25	72(253)
105.0	6.8	60	60	23	23	77	35	43	11(39)	74	7	68	17
		66	3	73	24(107)	21	21	63	63	2	66	25	73(252)
111.5	5.5	60	60	23	23	77	34	43	11(39)	73	6	68	17
		66	2	73	24(107)	20	20	62	62	2	66	24	73(252)
118.1	4.6	60	60	22	22	77	34	43	10(39)	74	5	69	16
		67	1	74	23(107)	19	19	63	63	0	66	24	74(252)
124.7	3.5	60	60	21	21	77	33	43	9(40)	74	5	68	16
		66	0	73	23(108)	19	19	63	63	0	65	24	74(251)
131.2	2.6	60	60	21	21	78	33	43	9(40)	74	4	69	15
		65	0	75	22(108)	18	18	63	63	0	65	22	75(251)

HA=124.3 HI= 55.8 GGW= 28.7 SL= 0.0 MAX(A,B,C,D)= 7.2 6.1 6.9 7.0

Main boom and fixed jib (jib angle 40.0 degrees)

Length of main boom = 130.9 ft Length of jib = 55.8 ft

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

Counterweight = 28.7 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.			
		1(0)		2(...)		3(90)		6(...)					
		4(...)		5(180)		6(...)							
		A	B	C	D	A	B	C	D				
72.2	11.9	55	55	31	31	65	41	42	24(32)	64	20	61	27
		60	17	63	30(103)	28	28	57	57	17	60	31	63(256)
78.7	11.2	57	57	28	28	69	40	42	20(34)	68	15	64	24
		62	12	67	29(107)	26	26	59	59	12	62	30	67(252)
85.3	10.8	60	60	26	26	74	38	43	15(37)	72	11	67	21
		66	7	71	26(105)	23	23	62	62	7	65	26	71(254)
91.9	9.5	60	60	24	24	76	36	43	13(38)	73	9	68	19
		66	5	72	25(106)	22	22	62	62	5	66	26	72(253)
98.4	7.9	60	60	24	24	76	36	43	13(38)	73	8	67	19
		66	4	72	25(106)	22	22	62	62	4	66	25	72(253)
105.0	6.8	60	60	23	23	77	35	43	11(39)	74	7	68	17
		66	3	73	24(107)	21	21	63	63	2	66	25	73(252)
111.5	5.7	60	60	22	22	77	34	43	10(39)	74	6	69	17
		67	1	73	24(107)	20	20	63	63	1	66	24	74(252)
118.1	4.6	60	60	22	22	77	34	43	10(39)	74	5	69	16
		67	1	73	23(107)	19	19	63	63	0	66	24	74(252)
124.7	3.7	60	60	21	21	78	33	43	9(40)	75	4	69	15
		66	0	75	22(108)	18	18	63	63	0	65	23	75(251)
131.2	2.6	60	60	21	21	78	33	43	9(40)	74	4	69	15
		65	0	74	22(108)	18	18	63	63	0	65	23	75(251)

HA=130.9 HI= 55.8 GGW= 28.7 SL= 0.0 MAX(A,B,C,D)= 7.3 6.1 7.0 7.0

 Main boom and fixed jib (jib angle 40.0 degrees)
 Length of main boom = 138.1 ft Length of jib = 55.8 ft
 Main boom sequence = 0-0-45-90-90-90 % LK = 54
 Counterweight = 28.7 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]								(Pos.[Degrees])				0-360 Degr.
		1(0)				2(...)				3(90)				
		4(...)				5(180)				6(...)				
A	B	C	D	A	B	C	D	A	B	C	D			
72.2	13.0	57	57	29	29	70	39	43	20	(36)	68	16	64	24
		62	13	67	30(107)	27	27	60	60		13	62	30	67(252)
78.7	12.6	60	60	26	26	75	38	44	16	(37)	72	11	67	21
		67	8	71	26(105)	24	24	62	62		8	66	27	71(254)
85.3	10.8	60	60	25	25	76	37	44	14	(38)	73	10	68	20
		67	6	72	26(106)	23	23	62	62		6	66	26	72(253)
91.9	9.0	60	60	24	24	76	36	43	13	(38)	73	9	68	19
		67	5	72	25(106)	22	22	62	62		5	66	26	72(253)
98.4	7.5	60	60	24	24	76	36	43	13	(38)	73	8	68	18
		66	4	72	24(106)	21	21	62	62		4	66	25	72(253)
105.0	6.4	60	60	23	23	77	35	43	11	(39)	74	6	68	17
		67	2	73	24(107)	20	20	63	63		2	66	24	73(252)
111.5	5.3	60	60	22	22	78	34	44	10	(40)	75	5	69	16
		66	1	74	24(108)	19	19	63	63		0	66	24	74(251)
118.1	4.2	60	60	21	21	78	33	43	9	(40)	75	5	69	15
		66	0	74	23(108)	19	19	63	63		0	65	23	75(251)
124.7	3.1	60	60	21	21	78	33	43	9	(40)	74	4	69	15
		66	0	74	22(108)	18	18	63	63		0	65	23	75(251)

 HA=138.1 HI= 55.8 GGW= 28.7 SL= 0.0 MAX(A,B,C,D)= 7.3 6.1 6.9 6.9

Main boom and fixed jib (jib angle 40.0 degrees)
 Length of main boom = 145.0 ft Length of jib = 55.8 ft
 Main boom sequence = 0-0-45-100-100-100 % LK = 55
 Counterweight = 28.7 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]								(Pos.[Degrees])				0-360 Degr.
		1(0)				2(...)				3(90)				
		4(...)				5(180)				6(...)				
A	B	C	D	A	B	C	D	A	B	C	D			
72.2	11.9	56	56	30	30	66	40	42	22	(34)	65	19	62	26
		61	16	65	30(105)	28	28	58	58		16	60	31	65(254)
78.7	11.5	58	58	27	27	71	39	42	18	(35)	69	14	65	23
		63	10	69	29(108)	25	25	60	60		10	63	29	69(251)
85.3	10.8	60	60	25	25	76	37	44	14	(38)	73	10	68	20
		67	6	72	26(106)	23	23	62	62		6	66	26	72(253)
91.9	9.0	60	60	24	24	76	36	43	13	(38)	73	9	68	19
		67	5	72	25(106)	22	22	62	62		5	66	26	72(253)
98.4	7.5	60	60	24	24	76	36	43	13	(38)	73	8	68	18
		66	4	72	24(106)	21	21	62	62		4	66	25	72(253)
105.0	6.4	60	60	23	23	77	35	43	11	(39)	74	6	68	17
		67	2	73	24(107)	20	20	63	63		2	66	24	73(252)
111.5	5.1	60	60	22	22	77	34	43	11	(39)	74	6	68	17
		66	2	73	24(107)	20	20	63	63		2	66	24	73(252)

118.1 4.0 60 60 22 22 77 34 43 10(39) 74 5 68 16
 66 1 73 23(107) 19 19 63 63 1 66 24 73(252)
 124.7 3.1 60 60 21 21 78 33 43 9(40) 74 4 69 15
 66 0 74 23(108) 19 19 63 63 0 65 23 75(251)

 HA=145.0 HI= 55.8 GGW= 28.7 SL= 0.0 MAX(A,B,C,D)= 7.2 6.1 6.9 6.9

Main boom and fixed jib (jib angle 40.0 degrees)
 Length of main boom = 152.2 ft Length of jib = 55.8 ft
 Main boom sequence = 0-0-90-90-90-90 % LK = 62
 Counterweight = 28.7 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]								(Pos.[Degrees])				0-360 Degr.
		1(0)				2(...)				3(90)				
		A	B	C	D	A	B	C	D	A	B	C	D	
72.2	12.8	58	58	28	28	70	40	42	20(34)	68	16	64	24	
		63	13	68	30(107)	26	26	60	60	12	62	30	68(252)	
78.7	12.1	60	60	26	26	75	38	43	15(37)	72	11	67	21	
		67	8	71	26(105)	24	24	62	62	7	66	27	71(254)	
85.3	10.1	60	60	25	25	75	37	44	14(38)	72	10	67	20	
		66	6	71	26(106)	23	23	62	62	6	66	26	72(253)	
91.9	8.4	60	60	24	24	75	36	43	14(38)	72	9	67	19	
		66	5	71	25(106)	22	22	62	62	5	65	26	72(253)	
98.4	7.1	60	60	23	23	76	35	43	12(39)	73	8	68	18	
		66	4	72	25(107)	21	21	62	62	3	65	25	73(252)	
105.0	5.5	59	59	23	23	75	35	43	12(38)	73	7	67	18	
		66	3	72	24(106)	21	21	62	62	3	65	24	72(253)	
111.5	4.4	60	60	22	22	76	34	43	11(39)	73	6	68	17	
		66	2	72	24(107)	20	20	62	62	2	65	24	73(252)	
118.1	3.3	59	59	22	22	76	34	43	10(39)	73	6	68	16	
		66	1	73	23(107)	19	19	62	62	1	65	24	73(252)	
124.7	2.2	59	59	22	22	76	34	42	10(39)	73	5	67	16	
		65	1	72	23(107)	19	19	62	62	1	65	24	72(252)	

 HA=152.2 HI= 55.8 GGW= 28.7 SL= 0.0 MAX(A,B,C,D)= 7.1 6.1 6.7 6.7

Main boom and fixed jib (jib angle 40.0 degrees)
 Length of main boom = 161.4 ft Length of jib = 55.8 ft
 Main boom sequence = 0-0-100-100-100-100 % LK = 63
 Counterweight = 28.7 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	
78.7	11.5	59	59	26	26	73	39	43	17(36)	71	13	66	22	
		66	9	69	26(104)	24	24	61	61	9	65	27	70(255)	
85.3	9.9	60	60	25	25	74	37	43	15(37)	72	11	67	20	
		66	7	71	26(105)	23	23	62	62	7	66	26	71(254)	
91.9	8.2	59	59	25	25	75	36	43	14(38)	72	10	67	19	
		65	6	71	25(106)	22	22	62	62	6	65	26	71(253)	
98.4	6.6	59	59	24	24	75	36	43	13(38)	72	9	67	19	
		65	5	71	25(106)	22	22	62	62	5	65	25	71(253)	

105.0 5.3 59 59 23 23 75 35 43 13(38) 72 8 67 18
 65 4 71 24(106) 21 21 62 62 4 65 25 71(253)
 111.5 4.2 59 59 23 23 75 34 43 11(39) 72 7 67 17
 65 3 72 24(107) 20 20 62 62 2 65 24 72(252)
 118.1 3.1 59 59 22 22 75 34 43 11(39) 72 6 67 17
 65 2 72 24(107) 20 20 62 62 2 65 24 72(252)

 HA=161.4 HI= 55.8 GGW= 28.7 SL= 0.0 MAX(A,B,C,D)= 7.0 6.1 6.7 6.7

Main boom and fixed jib (jib angle 40.0 degrees)
 Length of main boom = 166.0 ft Length of jib = 55.8 ft
 Main boom sequence = 0-45-90-90-90-90 % LK = 68
 Counterweight = 28.7 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.			
		1(0)		2(...)		3(90)		6(...)					
A	B	C	D	A	B	C	D	A	B	C	D		
78.7	11.0	59	59	26	26	73	38	43	16(37)	71	12	66	21
		65	9	70	27(105)	24	24	61	61	9	65	27	70(254)
85.3	9.0	59	59	25	25	73	37	43	15(37)	71	11	66	21
		65	7	70	26(105)	23	23	61	61	7	65	26	70(254)
91.9	7.3	59	59	25	25	73	37	42	15(37)	71	10	66	20
		65	6	70	25(105)	22	22	61	61	6	65	26	70(254)
98.4	5.7	58	58	24	24	73	36	42	14(37)	71	9	66	19
		65	6	70	25(105)	22	22	61	61	5	65	25	70(254)
105.0	4.4	58	58	24	24	74	35	42	13(38)	71	8	66	19
		65	4	70	24(106)	21	21	61	61	4	64	25	71(253)
111.5	3.3	58	58	23	23	74	35	42	12(38)	71	7	67	18
		65	3	71	24(106)	20	20	61	61	3	64	24	71(253)

 HA=166.0 HI= 55.8 GGW= 28.7 SL= 0.0 MAX(A,B,C,D)= 6.9 6.0 6.6 6.6

Main boom and fixed jib (jib angle 40.0 degrees)
 Length of main boom = 175.5 ft Length of jib = 55.8 ft
 Main boom sequence = 0-45-100-100-100-100 % LK = 69
 Counterweight = 28.7 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.			
		1(0)		2(...)		3(90)		6(...)					
A	B	C	D	A	B	C	D	A	B	C	D		
85.3	8.6	58	58	26	26	72	38	42	16(36)	70	12	65	21
		65	9	69	26(104)	24	24	60	60	8	64	26	69(255)
91.9	7.1	58	58	25	25	73	37	42	15(37)	70	11	66	20
		65	7	69	26(105)	23	23	61	61	7	64	26	70(254)
98.4	5.5	58	58	24	24	73	36	42	14(37)	70	10	66	19
		65	6	69	25(105)	22	22	61	61	6	64	25	70(254)
105.0	4.2	58	58	24	24	73	36	42	13(37)	70	9	66	19
		65	5	70	24(105)	21	21	61	61	5	64	25	70(254)
111.5	3.1	58	58	23	23	73	35	42	13(38)	71	8	66	18
		64	4	70	24(106)	21	21	61	61	4	64	24	70(253)

 HA=175.5 HI= 55.8 GGW= 28.7 SL= 0.0 MAX(A,B,C,D)= 6.8 6.0 6.5 6.5

 Main boom and fixed jib (jib angle 40.0 degrees)
 Length of main boom = 180.1 ft Length of jib = 55.8 ft
 Main boom sequence = 0-90-90-90-90-90 % LK = 73
 Counterweight = 28.7 kip

Radius Cap. [ft]	Cap. [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
		1(0)				2(...)					3(90)			
		4(...)				5(180)					6(...)			
A	B	C	D	A	B	C	D	A	B	C	D			
85.3	7.9	58	58	26	26	71	38	42	16	(36)	69	12	65	21
		64	9	68	26(104)	24	24	60	60		9	64	26	69(255)
91.9	6.2	58	58	25	25	71	37	42	16	(36)	69	11	65	21
		64	8	68	25(104)	23	23	60	60		8	64	26	69(255)
98.4	4.6	57	57	25	25	71	36	42	15	(37)	69	10	65	20
		64	7	69	25(105)	22	22	60	60		7	63	26	69(254)
105.0	3.3	57	57	24	24	72	35	42	14	(37)	69	9	65	19
		64	6	69	25(105)	22	22	60	60		6	63	25	69(254)
111.5	2.2	57	57	24	24	72	35	41	13	(37)	70	8	65	19
		64	5	69	24(105)	21	21	60	60		5	63	24	69(254)

 HA=180.1 HI= 55.8 GGW= 28.7 SL= 0.0 MAX(A,B,C,D)= 6.7 5.9 6.4 6.4

HA=180.1 HI= 55.8 GGW= 28.7 SL= 0.0 MAX(A,B,C,D)= 0.0 0.0 0.0 0.0

HA=180.1 HI= 55.8 GGW= 28.7 SL= 0.0 MAX(A,B,C,D)= 0.0 0.0 0.0 0.0

HA=180.1 HI= 55.8 GGW= 28.7 SL= 0.0 MAX(A,B,C,D)= 0.0 0.0 0.0 0.0

HA=180.1 HI= 55.8 GGW= 28.7 SL= 0.0 MAX(A,B,C,D)= 0.0 0.0 0.0 0.0

HA=180.1 HI= 55.8 GGW= 28.7 SL= 0.0 MAX(A,B,C,D)= 0.0 0.0 0.0 0.0

Programm L A M O S 9 9 Version 1.08 vom 29.09.02
 14.10.2003, 15:37:22
 Eingabedatei: ilam.dat
 Festdatei : /berechnung/tabellen/zentraledaten/lamosfd-ac/200-1.99dat
 Tabellendat.: /berechnung/tabellen/ac/ac200-1/serie_3/pc_tab/22137312_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 = 55.8 ft
 Main boom sequence = 0-0-0-0-0-0 % LK = 1
 Counterweight = 19.6 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]								(Pos.[Degrees])				0-360 Degr.
		1(0)				2(...)				3(90)				
		4(...)				5(180)				6(...)				
A	B	C	D	A	B	C	D	A	B	C	D			
9.8	33.1	41	41	50	50	38	49	44	52(59)	39	51	42	51	
		43	52	41	48(128)	49	49	43	43	52	43	48	41(232)	
11.5	32.6	43	43	49	49	40	47	45	50(59)	41	49	43	49	
		43	50	43	47(128)	47	47	44	44	50	43	47	43(232)	
13.1	32.2	44	44	47	47	43	46	46	48(59)	43	47	45	48	
		44	47	45	47(128)	46	46	45	45	47	44	47	45(232)	
14.8	31.5	45	45	46	46	45	45	46	46(59)	45	45	46	46	
		45	45	46	46(127)	45	45	46	46	45	45	46	46(232)	
16.4	30.9	46	46	45	45	47	43	47	44(59)	47	43	47	45	
		45	42	48	46(128)	43	43	47	47	42	45	46	48(232)	
19.7	29.8	48	48	42	42	51	41	48	40(59)	50	39	50	41	
		47	38	51	45(128)	41	41	49	49	38	47	45	51(232)	
23.0	28.2	49	49	40	40	54	39	49	37(59)	52	35	52	39	
		47	34	54	43(128)	39	39	51	51	34	47	43	54(232)	
26.2	26.9	50	50	38	38	51	50	38	38(2)	55	32	54	36	
		55	32	54	36(90)	36	36	52	52	32	55	36	54(270)	
29.5	25.4	52	52	36	36	55	47	39	34(15)	57	29	56	34	
		57	29	56	34(90)	34	34	53	53	29	57	34	56(270)	
32.8	24.0	53	53	35	35	58	45	40	30(23)	59	26	57	32	
		58	25	58	33(95)	33	33	54	54	25	58	33	58(264)	
39.4	21.8	55	55	31	31	64	42	41	25(31)	63	21	60	28	
		60	18	63	31(103)	29	29	57	57	18	60	31	63(256)	
45.9	19.8	57	57	28	28	69	39	43	20(36)	67	16	63	24	
		62	13	67	29(107)	26	26	59	59	12	61	30	67(252)	
52.5	18.1	58	58	26	26	72	38	42	16(36)	70	12	65	21	
		65	8	69	26(104)	24	24	61	61	8	65	26	69(255)	
59.1	15.4	58	58	24	24	73	36	42	14(37)	71	9	66	19	
		65	6	70	25(105)	22	22	61	61	6	65	25	70(254)	
65.6	12.8	58	58	24	24	73	35	42	13(38)	70	9	66	19	
		64	5	70	24(106)	21	21	60	60	4	63	25	70(253)	
72.2	10.6	57	57	23	23	73	34	42	12(38)	70	8	65	18	
		63	4	69	24(106)	20	20	60	60	4	63	24	70(253)	
78.7	8.8	57	57	22	22	72	34	41	12(38)	70	7	65	17	
		63	3	69	23(106)	20	20	60	60	3	63	24	70(253)	

HA= 40.7 HI= 55.8 GGW= 19.6 SL= 0.0 MAX(A,B,C,D)= 6.8 6.0 6.5 6.5

Main boom and fixed jib (jib angle 0.0 degrees)
 Length of main boom = 54.5 ft Length of jib = 55.8 ft
 Main boom sequence = 0-0-0-0-0-45 % LK = 7
 Counterweight = 19.6 kip

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

13.1	30.9	43	43	48	48	41	46	45	49(59)	42	47	44	48
		43	48	43	47(128)	46	46	45	45	48	43	47	43(232)
14.8	30.4	44	44	46	46	44	45	46	47(59)	44	45	45	47
		44	45	45	46(127)	45	45	46	46	45	44	46	45(232)
16.4	30.0	45	45	45	45	46	44	46	45(59)	46	43	47	45
		45	43	47	45(127)	44	44	47	47	43	45	46	47(232)
19.7	29.1	47	47	43	43	50	41	47	41(59)	49	39	49	42
		46	38	50	45(128)	41	41	49	49	38	46	45	50(232)
23.0	28.2	49	49	40	40	54	39	48	37(59)	52	35	52	39
		47	34	54	43(128)	39	39	50	50	34	47	43	54(232)
26.2	27.1	50	50	38	38	51	50	38	38(1)	55	32	54	36
		55	32	54	36(90)	37	37	52	52	32	55	36	54(270)
29.5	26.0	52	52	36	36	56	47	40	34(16)	58	29	56	34
		58	29	56	34(90)	35	35	54	54	29	58	34	56(270)
32.8	24.9	53	53	34	34	59	45	41	30(24)	60	26	58	32
		59	24	59	33(96)	33	33	55	55	24	59	33	59(263)
39.4	22.5	55	55	31	31	65	42	42	24(32)	64	20	61	28
		61	18	63	31(103)	29	29	57	57	18	60	31	63(256)
45.9	20.9	58	58	28	28	70	39	43	19(35)	68	15	64	24
		62	11	68	30(108)	26	26	60	60	11	62	30	68(251)
52.5	19.2	59	59	25	25	74	37	43	15(37)	72	11	67	20
		66	7	71	26(105)	23	23	62	62	7	65	26	71(254)
59.1	15.9	59	59	24	24	73	36	42	14(37)	71	9	66	19
		65	6	70	25(105)	22	22	61	61	6	65	25	70(254)
65.6	13.0	58	58	24	24	73	35	42	13(37)	70	9	65	19
		64	5	69	24(105)	21	21	60	60	5	64	25	70(254)
72.2	10.8	57	57	23	23	72	35	41	13(37)	70	8	65	18
		64	4	69	24(105)	21	21	60	60	4	63	24	69(254)
78.7	9.0	57	57	23	23	72	34	41	12(38)	69	7	65	17
		63	3	69	24(106)	20	20	60	60	3	63	24	69(253)
85.3	7.7	57	57	22	22	73	33	41	11(38)	70	6	65	17
		63	2	70	23(106)	19	19	60	60	2	63	23	70(253)
91.9	6.6	57	57	21	21	73	32	41	10(39)	70	5	66	16
		63	1	70	22(107)	18	18	60	60	0	63	23	71(252)

HA= 54.5 HI= 55.8 GGW= 19.6 SL= 0.0 MAX(A,B,C,D)= 6.9 6.1 6.6 6.6

Main boom and fixed jib (jib angle 0.0 degrees)

Length of main boom = 68.6 ft Length of jib = 55.8 ft

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

Counterweight = 19.6 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
	1(0)		2(...)		3(90)		6(...)						
	A	B	C	D	A	B	C	D	A	B	C	D	
16.4	28.2	44	44	45	45	44	44	46	45(59)	44	44	46	45
		44	44	46	45(127)	44	44	46	46	44	44	45	46(232)
19.7	27.6	46	46	43	43	48	41	47	42(59)	47	40	48	42
		45	39	49	44(128)	41	41	48	48	39	45	44	49(232)
23.0	26.9	48	48	41	41	52	39	48	38(59)	51	36	51	39
		47	35	52	43(128)	39	39	50	50	35	47	43	52(232)
26.2	26.2	50	50	39	39	56	37	49	35(59)	54	33	53	37
		54	33	53	37(90)	37	37	51	51	33	54	37	53(270)

29.5	25.6	51	51	37	37	54	48	39	34(14)	57	29	56	34
		57	29	56	34(90)	35	35	53	53	29	57	34	56(270)
32.8	24.5	53	53	35	35	58	46	40	31(22)	59	26	57	32
		59	26	58	33(94)	33	33	54	54	25	58	33	58(265)
39.4	22.7	55	55	31	31	65	42	42	24(32)	64	21	61	28
		61	18	63	31(103)	29	29	57	57	18	60	31	63(256)
45.9	20.9	57	57	28	28	69	40	42	20(34)	68	15	64	24
		62	12	68	29(107)	26	26	60	60	12	62	30	68(252)
52.5	19.2	59	59	26	26	74	37	43	15(37)	71	11	66	21
		66	7	70	26(105)	23	23	61	61	7	65	26	71(254)
59.1	16.1	59	59	24	24	73	36	42	14(37)	71	10	66	19
		65	6	70	25(105)	22	22	61	61	6	65	25	70(254)
65.6	13.2	58	58	24	24	73	36	42	14(37)	70	9	65	19
		64	5	69	24(105)	21	21	60	60	5	64	25	70(254)
72.2	11.0	57	57	23	23	72	34	42	13(38)	70	8	65	18
		63	4	69	24(106)	21	21	60	60	4	63	25	70(253)
78.7	9.3	57	57	23	23	72	34	41	12(38)	70	7	65	18
		63	3	69	24(106)	20	20	60	60	3	63	24	69(253)
85.3	7.9	57	57	22	22	73	33	41	11(38)	70	6	65	17
		63	2	70	23(106)	19	19	60	60	2	63	23	70(253)
91.9	6.6	57	57	22	22	73	33	41	11(38)	70	5	65	16
		63	1	70	22(106)	19	19	60	60	1	63	23	70(253)
98.4	5.5	57	57	21	21	73	33	41	10(38)	70	5	65	16
		63	1	70	22(106)	18	18	60	60	0	63	22	70(253)
105.0	4.6	57	57	21	21	73	32	41	9(39)	70	4	66	15
		63	0	71	21(107)	17	17	60	60	0	62	22	71(252)
111.5	4.0	57	57	20	20	74	31	41	8(39)	71	3	66	14
		62	0	73	19(107)	17	17	60	60	0	61	20	73(252)

HA= 68.6 HI= 55.8 GGW= 19.6 SL= 0.0 MAX(A,B,C,D)= 6.9 6.1 6.8 6.8

Main boom and fixed jib (jib angle 0.0 degrees)
 Length of main boom = 70.2 ft Length of jib = 55.8 ft
 Main boom sequence = 0-0-0-0-100 % LK = 14
 Counterweight = 19.6 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.			
		1(0)		2(...)		3(90)		6(...)					
		A	B	C	D	A	B	C	D	A	B	C	D
16.4	28.0	44	44	45	45	44	44	45	45(59)	44	44	45	45
		44	44	45	45(127)	44	44	45	45	44	44	45	45(232)
19.7	27.3	46	46	43	43	48	41	47	42(59)	47	40	48	42
		45	39	49	44(128)	41	41	47	47	39	45	44	49(232)
23.0	26.7	48	48	41	41	52	39	48	38(59)	50	36	50	40
		47	35	52	43(128)	39	39	49	49	35	47	43	52(232)
26.2	26.0	49	49	39	39	55	37	49	35(59)	54	33	53	37
		54	33	53	37(90)	37	37	51	51	33	54	37	53(270)
29.5	25.4	51	51	37	37	54	48	39	35(13)	57	29	55	34
		57	29	55	34(90)	35	35	53	53	29	57	34	55(270)
32.8	24.0	52	52	35	35	57	46	40	31(21)	59	26	57	32
		58	26	57	33(93)	33	33	54	54	26	58	33	58(266)
39.4	21.4	54	54	32	32	62	43	41	26(29)	62	22	59	29
		59	20	61	31(101)	30	30	56	56	20	59	32	62(258)

45.9	18.5	55	55	30	30	65	40	41	22(33)	64	18	61	26
		60	16	63	30(104)	28	28	57	57	15	60	30	64(255)
52.5	17.0	56	56	27	27	69	39	41	19(34)	67	14	63	23
		61	11	67	29(108)	25	25	59	59	10	61	29	67(251)
59.1	15.2	58	58	25	25	71	37	42	16(36)	69	11	65	21
		64	8	68	25(104)	23	23	60	60	7	64	26	69(255)
65.6	13.2	58	58	24	24	73	36	42	14(37)	70	9	65	19
		64	5	69	24(105)	21	21	60	60	5	64	25	70(254)
72.2	11.0	57	57	23	23	72	35	41	13(37)	70	8	65	18
		64	4	69	24(105)	21	21	60	60	4	63	24	69(254)
78.7	9.3	57	57	23	23	72	34	41	12(38)	70	7	65	18
		63	3	69	24(106)	20	20	60	60	3	63	24	69(253)
85.3	7.9	57	57	22	22	73	33	41	11(38)	70	6	65	17
		63	2	70	23(106)	19	19	60	60	2	63	23	70(253)
91.9	6.6	57	57	22	22	73	33	41	11(38)	70	6	65	16
		63	1	70	22(106)	19	19	60	60	1	63	23	70(253)
98.4	5.5	57	57	21	21	73	33	41	10(38)	70	5	65	16
		63	1	70	22(106)	18	18	60	60	0	63	22	70(253)
105.0	4.6	57	57	21	21	73	32	41	9(39)	70	4	65	15
		63	0	71	22(107)	17	17	60	60	0	62	22	71(252)
111.5	4.0	57	57	20	20	74	31	41	8(39)	71	3	66	14
		62	0	73	20(107)	17	17	60	60	0	61	20	73(252)

HA= 70.2 HI= 55.8 GGW= 19.6 SL= 0.0 MAX(A,B,C,D)= 6.9 5.9 6.7 6.8

Main boom and fixed jib (jib angle 0.0 degrees)

Length of main boom = 82.3 ft Length of jib = 55.8 ft

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

Counterweight = 19.6 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.			
		1(0)		2(...)		3(90)		6(...)					
		4(...)		5(180)		6(...)							
		A	B	C	D	A	B	C	D				
19.7	26.7	45	45	43	43	48	41	46	42(59)	47	40	48	42
		45	39	49	44(128)	41	41	47	47	39	45	44	49(232)
23.0	26.0	47	47	41	41	51	39	47	38(59)	50	36	50	40
		46	35	52	43(128)	39	39	49	49	35	46	43	52(232)
26.2	25.4	49	49	39	39	55	37	49	35(59)	53	33	53	37
		53	33	53	37(90)	37	37	51	51	33	53	37	53(270)
29.5	24.9	51	51	37	37	54	48	39	35(12)	56	29	55	34
		56	29	55	34(90)	35	35	53	53	29	56	34	55(270)
32.8	24.3	53	53	35	35	58	46	40	31(22)	59	26	57	32
		58	25	58	33(95)	33	33	54	54	25	58	33	58(264)
39.4	22.9	56	56	31	31	66	41	42	24(33)	65	20	62	27
		61	17	64	31(104)	29	29	58	58	17	61	31	64(255)
45.9	21.4	58	58	28	28	71	39	43	19(35)	69	15	65	23
		63	11	69	29(108)	26	26	60	60	11	62	30	69(251)
52.5	19.4	60	60	25	25	75	37	44	15(38)	72	10	67	20
		66	7	71	26(106)	23	23	62	62	6	65	26	71(253)
59.1	15.9	59	59	24	24	74	36	43	14(38)	71	9	66	19
		65	6	71	25(106)	22	22	61	61	5	64	26	71(253)
65.6	13.0	58	58	24	24	73	35	42	13(37)	70	9	66	19
		65	5	70	24(105)	21	21	60	60	5	64	25	70(254)

72.2	10.8	57	57	23	23	73	34	42	13(38)	70	8	65	18
		63	4	69	24(106)	21	21	60	60	4	63	24	70(253)
78.7	9.0	57	57	23	23	72	34	41	12(38)	70	7	65	17
		63	3	69	23(106)	20	20	60	60	3	63	24	70(253)
85.3	7.7	57	57	22	22	73	33	41	11(38)	70	6	65	17
		64	2	70	23(106)	19	19	60	60	2	63	23	70(253)
91.9	6.4	57	57	21	21	73	33	41	10(38)	70	5	65	16
		63	1	70	22(106)	18	18	60	60	1	63	23	70(253)
98.4	5.3	57	57	21	21	73	32	41	9(39)	70	4	65	15
		63	0	70	22(107)	18	18	60	60	0	62	23	70(252)
105.0	4.4	57	57	20	20	74	32	41	9(39)	71	4	66	15
		62	0	71	21(107)	17	17	60	60	0	62	21	72(252)
111.5	3.5	57	57	20	20	74	31	41	8(39)	71	3	66	14
		62	0	72	20(107)	17	17	60	60	0	61	20	72(252)
118.1	2.6	56	56	20	20	73	31	41	8(39)	70	3	65	14
		61	0	72	20(107)	17	17	60	60	0	61	20	72(252)

 HA= 82.3 HI= 55.8 GGW= 19.6 SL= 0.0 MAX(A,B,C,D)= 6.9 6.1 6.7 6.7

Main boom and fixed jib (jib angle 0.0 degrees)

Length of main boom = 84.0 ft Length of jib = 55.8 ft
 Main boom sequence = 0-0-0-0-45-100 % LK = 21
 Counterweight = 19.6 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
	1(0)		2(...)		3(90)								
	4(...)	5(180)	6(...)										
A B C D	A B C D	A B C D	A B C D										
19.7	26.2	45	45	43	43	47	41	46	42(59)	47	40	48	43
		45	39	48	44(128)	41	41	47	47	39	45	44	48(232)
23.0	25.8	47	47	41	41	51	39	47	38(59)	50	36	50	40
		46	35	52	43(128)	39	39	49	49	35	46	43	52(232)
26.2	25.1	49	49	39	39	55	37	48	35(59)	53	33	52	37
		53	33	52	37(90)	37	37	51	51	33	53	37	52(270)
29.5	24.7	51	51	37	37	53	48	39	35(11)	56	29	55	34
		56	29	55	34(90)	35	35	53	53	29	56	34	55(270)
32.8	24.0	52	52	35	35	58	46	40	31(22)	59	26	57	32
		58	26	58	33(94)	33	33	54	54	25	58	33	58(265)
39.4	22.0	55	55	32	32	64	42	42	25(31)	63	21	60	28
		60	19	63	31(102)	29	29	57	57	19	60	31	63(257)
45.9	20.1	57	57	29	29	69	39	43	20(36)	67	16	63	24
		62	13	67	30(107)	26	26	59	59	13	61	30	67(252)
52.5	17.9	58	58	26	26	71	38	42	17(36)	69	13	65	22
		64	9	68	26(104)	24	24	60	60	9	64	27	69(255)
59.1	15.9	59	59	24	24	73	36	42	14(37)	71	9	66	19
		65	6	70	25(105)	22	22	61	61	6	65	25	70(254)
65.6	13.0	58	58	24	24	73	35	42	13(37)	70	9	65	19
		64	5	69	24(105)	21	21	60	60	5	64	25	70(254)
72.2	10.8	57	57	23	23	72	34	42	13(38)	70	8	65	18
		63	4	69	24(106)	21	21	60	60	4	63	24	70(253)
78.7	9.0	57	57	23	23	72	34	41	12(38)	70	7	65	17
		63	3	69	24(106)	20	20	60	60	3	63	24	69(253)
85.3	7.7	57	57	22	22	73	33	41	11(38)	70	6	65	17
		63	2	70	23(106)	19	19	60	60	2	63	23	70(253)

91.9	6.4	57	57	21	21	73	33	41	10(38)	70	5	65	16
		63	1	70	22(106)	18	18	60	60	1	63	23	70(253)
98.4	5.3	57	57	21	21	73	32	41	10(39)	70	5	65	15
		63	0	70	22(107)	18	18	60	60	0	62	23	70(252)
105.0	4.4	57	57	21	21	73	32	41	9(39)	70	4	66	15
		62	0	71	21(107)	17	17	60	60	0	62	21	71(252)
111.5	3.5	57	57	20	20	73	31	41	8(39)	70	3	66	15
		62	0	72	20(107)	17	17	60	60	0	61	21	72(252)
118.1	2.6	56	56	20	20	73	31	40	8(39)	70	3	65	14
		61	0	71	20(107)	17	17	60	60	0	61	20	72(252)

HA= 84.0 HI= 55.8 GGW= 19.6 SL= 0.0 MAX(A,B,C,D)= 6.8 6.0 6.7 6.7

Main boom and fixed jib (jib angle 0.0 degrees)

Length of main boom = 96.5 ft Length of jib = 55.8 ft

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

Counterweight = 19.6 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
	1(0)		2(...)		3(90)		6(...)						
	A	B	C	D	A	B	C	D					
23.0	24.5	47	47	41	41	50	39	47	39(59)	49	37	49	40
		45	36	50	43(128)	39	39	48	48	36	45	43	50(232)
26.2	24.0	48	48	39	39	54	37	48	35(59)	52	33	52	37
		52	33	52	37(90)	37	37	50	50	33	52	37	52(270)
29.5	23.6	50	50	37	37	52	48	38	36(8)	55	30	54	35
		55	30	54	35(90)	35	35	52	52	30	55	35	54(270)
32.8	23.1	52	52	35	35	57	46	40	31(20)	58	26	56	32
		58	26	57	33(93)	33	33	54	54	26	58	33	57(266)
39.4	22.3	55	55	31	31	65	42	42	24(32)	64	20	61	27
		61	18	63	31(103)	29	29	57	57	18	60	31	63(256)
45.9	20.9	58	58	28	28	71	39	43	19(35)	69	15	65	23
		63	11	69	29(108)	26	26	60	60	11	62	30	69(251)
52.5	19.4	60	60	25	25	75	37	44	14(38)	73	10	67	20
		66	6	72	26(106)	23	23	62	62	6	66	26	72(253)
59.1	15.7	59	59	24	24	74	36	43	14(38)	71	9	66	19
		65	6	71	25(106)	22	22	61	61	5	65	26	71(253)
65.6	12.8	58	58	24	24	73	35	42	13(38)	70	9	66	19
		64	5	70	24(106)	21	21	60	60	5	64	25	70(253)
72.2	10.6	57	57	23	23	73	34	42	13(38)	70	8	65	18
		64	4	69	24(106)	20	20	60	60	4	63	24	70(253)
78.7	8.8	57	57	22	22	73	34	41	12(38)	70	7	65	17
		63	3	69	23(106)	20	20	60	60	3	63	24	70(253)
85.3	7.5	57	57	22	22	73	33	41	11(38)	70	6	66	16
		64	2	70	22(106)	19	19	60	60	1	63	23	70(253)
91.9	6.2	57	57	21	21	73	33	41	10(38)	70	5	65	16
		63	1	70	22(106)	18	18	60	60	1	63	22	70(253)
98.4	5.1	57	57	21	21	73	32	41	9(39)	70	4	66	15
		63	0	70	22(107)	18	18	60	60	0	62	22	71(252)
105.0	4.2	57	57	20	20	74	31	41	9(39)	71	3	66	15
		62	0	72	21(107)	17	17	60	60	0	62	21	72(252)
111.5	3.1	56	56	20	20	73	31	41	9(39)	70	4	65	15
		62	0	71	21(107)	17	17	60	60	0	61	21	71(252)

118.1 2.4 57 57 20 20 73 31 40 8(39) 70 3 66 14
 61 0 72 19(107) 16 16 60 60 0 60 20 73(252)

HA= 96.5 HI= 55.8 GGW= 19.6 SL= 0.0 MAX(A,B,C,D)= 7.0 6.1 6.7 6.7

Main boom and fixed jib (jib angle 0.0 degrees)
 Length of main boom = 100.4 ft Length of jib = 55.8 ft
 Main boom sequence = 0-0-0-0-100-100 % LK = 29
 Counterweight = 19.6 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
	1(0)				2(...)								
	3(90)				4(...)								
	A	B	C	D	A	B	C	D	A	B	C	D	
23.0	23.8	46	46	41	41	49	39	47	39(59)	48	37	49	40
		45	36	50	43(128)	39	39	48	48	36	45	43	50(232)
26.2	23.4	48	48	39	39	53	37	48	36(59)	51	34	51	38
		46	32	53	42(128)	37	37	50	50	32	46	42	53(232)
29.5	23.1	50	50	37	37	51	49	38	36(5)	55	30	54	35
		55	30	54	35(90)	35	35	52	52	30	55	35	54(270)
32.8	22.7	52	52	35	35	56	46	39	32(19)	58	27	56	32
		57	26	56	33(92)	33	33	54	54	26	57	33	56(267)
39.4	21.6	55	55	32	32	64	42	41	25(31)	63	21	60	28
		60	19	62	31(102)	29	29	57	57	19	60	31	63(257)
45.9	20.3	57	57	28	28	69	40	42	20(34)	68	15	64	24
		62	12	67	29(107)	26	26	59	59	12	62	30	67(252)
52.5	18.5	59	59	26	26	73	37	43	15(37)	71	11	66	21
		65	7	70	26(105)	23	23	61	61	7	65	26	70(254)
59.1	15.7	59	59	24	24	74	36	43	14(38)	71	9	66	19
		65	5	71	25(106)	22	22	61	61	5	65	26	71(253)
65.6	12.8	58	58	24	24	73	35	42	13(38)	70	9	66	19
		64	5	70	24(106)	21	21	60	60	4	64	25	70(253)
72.2	10.6	57	57	23	23	73	34	42	12(38)	70	8	65	18
		64	4	69	24(106)	20	20	60	60	4	63	24	70(253)
78.7	8.8	57	57	22	22	73	34	41	12(38)	70	7	65	17
		63	3	69	23(106)	20	20	60	60	3	63	24	70(253)
85.3	7.5	57	57	22	22	73	33	41	11(38)	70	6	66	16
		64	2	70	22(106)	19	19	60	60	1	63	23	70(253)
91.9	6.2	57	57	21	21	73	32	41	10(39)	70	5	65	16
		63	1	70	22(107)	18	18	60	60	0	63	23	70(252)
98.4	5.1	57	57	21	21	73	32	41	9(39)	70	4	66	15
		63	0	70	22(107)	18	18	60	60	0	62	22	71(252)
105.0	4.2	57	57	20	20	74	31	41	9(39)	71	3	66	15
		62	0	72	21(107)	17	17	60	60	0	62	21	72(252)
111.5	3.1	56	56	20	20	73	31	41	9(39)	70	4	65	15
		62	0	71	21(107)	17	17	60	60	0	61	21	71(252)
118.1	2.4	57	57	20	20	73	31	40	8(39)	70	3	66	14
		61	0	72	19(107)	16	16	60	60	0	60	19	73(252)

HA=100.4 HI= 55.8 GGW= 19.6 SL= 0.0 MAX(A,B,C,D)= 6.9 6.0 6.7 6.8

Main boom and fixed jib (jib angle 0.0 degrees)
 Length of main boom = 110.2 ft Length of jib = 55.8 ft
 Main boom sequence = 0-0-0-45-90-90 % LK = 36

Counterweight = 19.6 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]								(Pos.[Degrees])				0-360 Degr.
		1(0)		2(...)		3(90)		4(...)		5(180)		6(...)		
		A	B	C	D	A	B	C	D	A	B	C	D	
26.2	23.1	48	48	39	39	53	37	48	35	(59)	52	33	52	37
		52	33	52	37	(90)	37	37	50	50	33	52	37	52(270)
29.5	22.9	50	50	37	37	52	48	38	35	(8)	55	30	54	35
		55	30	54	35	(90)	35	35	52	52	30	55	35	54(270)
32.8	22.5	52	52	35	35	57	46	39	31	(20)	58	26	56	32
		58	26	57	33	(93)	33	33	54	54	26	58	33	57(266)
39.4	21.6	55	55	31	31	65	41	42	24	(32)	64	20	61	27
		60	18	63	31	(103)	29	29	57	57	17	60	31	63(256)
45.9	20.7	58	58	27	27	71	39	43	18	(35)	69	14	65	23
		63	10	69	29	(108)	25	25	60	60	10	63	29	69(251)
52.5	18.5	60	60	25	25	75	37	43	14	(38)	72	10	67	20
		66	6	71	26	(106)	23	23	62	62	6	65	26	71(253)
59.1	15.2	59	59	24	24	74	35	43	13	(38)	71	9	67	19
		65	5	71	25	(106)	21	21	61	61	5	65	25	71(253)
65.6	12.3	58	58	23	23	73	35	42	13	(38)	71	8	66	18
		64	4	70	24	(106)	21	21	61	61	4	64	25	70(253)
72.2	10.1	58	58	23	23	73	34	42	12	(38)	70	7	66	17
		64	3	70	24	(106)	20	20	60	60	3	63	24	70(253)
78.7	8.4	57	57	22	22	73	34	41	11	(38)	70	6	65	17
		64	2	70	23	(106)	19	19	60	60	2	63	23	70(253)
85.3	6.8	57	57	22	22	73	33	41	11	(38)	70	6	65	16
		63	1	70	22	(106)	19	19	60	60	1	63	23	70(253)
91.9	5.7	57	57	21	21	74	32	41	9	(39)	71	4	66	15
		63	0	71	22	(107)	18	18	60	60	0	63	22	71(252)
98.4	4.6	57	57	20	20	74	32	41	9	(39)	71	4	66	15
		63	0	72	21	(107)	17	17	60	60	0	62	21	72(252)
105.0	3.5	57	57	20	20	73	31	41	8	(39)	70	3	66	15
		62	0	72	20	(107)	17	17	60	60	0	61	21	72(252)
111.5	2.6	57	57	20	20	74	31	41	8	(39)	71	3	66	14
		61	0	72	19	(107)	16	16	60	60	0	61	20	73(252)

HA=110.2 HI= 55.8 GGW= 19.6 SL= 0.0 MAX(A,B,C,D)= 6.9 6.1 6.7 6.7

Main boom and fixed jib (jib angle 0.0 degrees)

Length of main boom = 114.5 ft Length of jib = 55.8 ft

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

Counterweight = 19.6 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]								(Pos.[Degrees])				0-360 Degr.
		1(0)		2(...)		3(90)		4(...)		5(180)		6(...)		
		A	B	C	D	A	B	C	D	A	B	C	D	
26.2	22.5	47	47	39	39	52	37	47	36	(59)	51	34	51	37
		46	32	53	42	(128)	37	37	49	49	32	46	42	53(232)
29.5	22.3	49	49	37	37	50	48	38	36	(5)	54	30	54	35
		54	30	54	35	(90)	35	35	51	51	30	54	35	54(270)
32.8	21.8	51	51	35	35	55	46	39	32	(18)	57	27	56	32
		57	27	56	33	(91)	33	33	53	53	26	57	33	56(268)

39.4	20.9	54	54	31	31	63	42	41	25(31)	63	21	60	28
		60	18	62	31(102)	29	29	56	56	18	60	31	63(257)
45.9	20.3	58	58	28	28	70	39	42	19(35)	69	15	64	23
		62	11	68	29(108)	25	25	60	60	11	62	30	69(251)
52.5	18.3	59	59	25	25	74	37	43	15(37)	72	10	67	20
		66	7	71	26(105)	23	23	62	62	7	65	26	71(254)
59.1	15.2	59	59	24	24	74	35	43	13(38)	71	9	67	19
		65	5	71	25(106)	21	21	61	61	5	65	25	71(253)
65.6	12.3	58	58	23	23	73	35	42	13(38)	71	8	66	18
		64	4	70	24(106)	21	21	61	61	4	64	25	70(253)
72.2	10.1	58	58	23	23	73	34	42	12(38)	70	7	66	17
		64	3	70	24(106)	20	20	60	60	3	63	24	70(253)
78.7	8.4	57	57	22	22	73	34	41	11(38)	70	6	65	17
		64	2	70	23(106)	19	19	60	60	2	63	23	70(253)
85.3	6.8	57	57	22	22	73	33	41	11(38)	70	6	65	16
		63	1	70	22(106)	19	19	60	60	1	63	23	70(253)
91.9	5.7	57	57	21	21	74	32	41	9(39)	71	4	66	15
		63	0	71	22(107)	18	18	60	60	0	63	22	71(252)
98.4	4.6	57	57	20	20	74	32	41	9(39)	71	4	66	15
		63	0	72	21(107)	17	17	60	60	0	62	21	72(252)
105.0	3.5	57	57	20	20	73	31	41	8(39)	70	3	66	15
		62	0	72	20(107)	17	17	60	60	0	61	21	72(252)
111.5	2.4	56	56	20	20	73	31	40	9(39)	70	3	65	15
		62	0	71	21(107)	17	17	60	60	0	61	21	71(252)

 HA=114.5 HI= 55.8 GGW= 19.6 SL= 0.0 MAX(A,B,C,D)= 6.9 6.1 6.7 6.7

Main boom and fixed jib (jib angle 0.0 degrees)
 Length of main boom = 124.3 ft Length of jib = 55.8 ft
 Main boom sequence = 0-0-0-90-90-90 % LK = 45
 Counterweight = 19.6 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
	1(0)	2(...)	3(90)		4(...)	5(180)	6(...)						
	A	B	C	D	A	B	C	D	A	B	C	D	
29.5	21.6	49	49	37	37	50	48	37	36(4)	54	30	53	35
		54	30	53	35(90)	35	35	51	51	30	54	35	53(270)
32.8	21.4	51	51	35	35	56	46	39	32(19)	57	26	56	32
		57	26	56	33(92)	33	33	53	53	26	57	33	56(267)
39.4	20.7	55	55	31	31	64	41	42	24(32)	63	20	60	27
		60	18	63	31(103)	29	29	57	57	18	60	31	63(256)
45.9	19.8	58	58	27	27	71	39	42	18(35)	69	14	65	23
		62	10	69	29(108)	25	25	60	60	10	62	29	69(251)
52.5	17.0	58	58	26	26	72	37	43	15(37)	70	11	65	21
		65	8	69	26(105)	23	23	61	61	7	64	26	69(254)
59.1	14.1	58	58	24	24	73	36	42	14(37)	70	9	66	19
		65	6	69	25(105)	22	22	61	61	6	64	25	70(254)
65.6	11.5	57	57	24	24	72	35	41	13(37)	70	8	65	19
		64	5	69	24(105)	21	21	60	60	5	63	24	69(254)
72.2	9.5	57	57	23	23	73	34	41	12(38)	70	7	65	17
		63	3	70	24(106)	20	20	60	60	3	63	24	70(253)
78.7	7.7	57	57	22	22	73	33	41	11(38)	70	6	65	17
		63	2	69	23(106)	19	19	60	60	2	63	23	70(253)

85.3	6.4	57	57	21	21	73	32	41	10(39)	70	5	66	16
		63	1	70	23(107)	18	18	60	60	1	63	23	70(252)
91.9	5.1	57	57	21	21	73	32	41	9(39)	70	4	65	15
		63	0	70	22(107)	18	18	60	60	0	62	22	71(252)
98.4	4.0	57	57	20	20	73	31	41	9(39)	70	4	66	15
		62	0	71	21(107)	17	17	60	60	0	62	21	71(252)
105.0	2.9	56	56	20	20	73	31	41	9(39)	70	3	65	15
		62	0	71	21(107)	17	17	60	60	0	61	21	71(252)

 HA=124.3 HI= 55.8 GGW= 19.6 SL= 0.0 MAX(A,B,C,D)= 6.8 6.0 6.6 6.6

Main boom and fixed jib (jib angle 0.0 degrees)
 Length of main boom = 130.9 ft Length of jib = 55.8 ft
 Main boom sequence = 0-0-0-100-100-100 % LK = 46
 Counterweight = 19.6 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
	1(0)				2(...)								
	4(...)				5(180)				6(...)				
	A	B	C	D	A	B	C	D	A	B	C	D	
32.8	20.3	50	50	35	35	54	46	39	32(16)	56	27	55	33
		56	27	55	33(90)	33	33	52	52	27	56	33	55(270)
39.4	19.8	54	54	31	31	63	42	41	25(30)	62	21	60	28
		59	19	62	31(102)	29	29	56	56	19	59	31	62(257)
45.9	19.2	57	57	28	28	69	39	42	19(34)	68	15	64	23
		62	11	68	29(108)	26	26	59	59	11	61	30	68(251)
52.5	16.8	58	58	26	26	72	37	42	16(36)	70	11	65	21
		65	8	69	26(104)	23	23	60	60	8	64	26	69(255)
59.1	13.7	58	58	25	25	72	36	42	15(37)	69	10	65	20
		64	6	69	25(105)	22	22	60	60	6	63	25	69(254)
65.6	11.2	57	57	24	24	72	35	41	13(37)	69	9	65	19
		64	5	69	24(105)	21	21	60	60	5	63	24	69(254)
72.2	9.3	57	57	23	23	72	34	41	12(38)	70	7	65	18
		63	4	69	24(106)	20	20	60	60	3	63	24	69(253)
78.7	7.5	57	57	22	22	72	33	41	11(38)	69	7	65	17
		63	3	69	23(106)	19	19	60	60	2	63	24	69(253)
85.3	6.2	57	57	22	22	73	33	41	10(38)	70	5	65	16
		63	1	70	22(106)	18	18	60	60	1	63	23	70(253)
91.9	4.9	57	57	21	21	73	32	40	10(38)	70	5	65	16
		63	1	70	22(106)	18	18	60	60	0	63	22	70(253)
98.4	3.7	56	56	21	21	73	31	41	9(39)	70	4	65	15
		62	0	70	22(107)	17	17	60	60	0	62	22	71(252)
105.0	2.6	56	56	20	20	73	31	41	9(39)	69	4	65	15
		62	0	70	21(107)	17	17	60	60	0	61	21	71(252)

 HA=130.9 HI= 55.8 GGW= 19.6 SL= 0.0 MAX(A,B,C,D)= 6.8 6.0 6.5 6.6

Main boom and fixed jib (jib angle 0.0 degrees)
 Length of main boom = 138.1 ft Length of jib = 55.8 ft
 Main boom sequence = 0-0-45-90-90-90 % LK = 54
 Counterweight = 19.6 kip

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

	4(...)				5(180)				6(...)				
	A	B	C	D	A	B	C	D	A	B	C	D	
32.8	20.5	51	51	35	35	56	45	39	31(19)	57	26	56	32
		57	26	56	32(92)	32	32	53	53	26	57	32	56(267)
39.4	20.1	55	55	31	31	64	41	41	24(32)	64	19	61	27
		60	17	63	30(103)	28	28	57	57	17	60	31	63(256)
45.9	19.0	58	58	27	27	70	39	42	18(35)	69	14	64	22
		62	10	68	29(108)	25	25	60	60	10	62	29	69(251)
52.5	15.2	57	57	26	26	70	37	42	17(36)	68	12	64	21
		63	9	67	26(104)	23	23	60	60	9	63	26	68(255)
59.1	12.3	57	57	25	25	70	36	41	15(36)	68	10	64	20
		63	7	68	25(104)	22	22	59	59	7	63	25	68(255)
65.6	10.1	57	57	24	24	71	35	41	14(37)	69	9	64	19
		63	5	68	24(105)	21	21	59	59	5	63	24	68(254)
72.2	8.2	56	56	23	23	71	34	41	13(37)	69	8	64	18
		63	4	68	23(105)	20	20	59	59	4	63	24	69(254)
78.7	6.4	56	56	22	22	71	34	40	12(37)	69	7	64	17
		63	3	68	23(105)	19	19	59	59	3	62	23	68(254)
85.3	5.1	56	56	22	22	71	33	41	11(38)	69	6	65	17
		62	2	69	22(106)	19	19	59	59	2	62	23	69(253)
91.9	3.7	56	56	21	21	71	32	40	10(38)	69	5	64	16
		62	1	69	22(106)	18	18	59	59	1	62	22	69(253)
98.4	2.6	56	56	21	21	71	32	40	10(38)	69	4	64	15
		62	0	69	22(106)	17	17	59	59	0	62	22	69(253)

HA=138.1 HI= 55.8 GGW= 19.6 SL= 0.0 MAX(A,B,C,D)= 6.6 5.9 6.4 6.4

Main boom and fixed jib (jib angle 0.0 degrees)
Length of main boom = 145.0 ft Length of jib = 55.8 ft
Main boom sequence = 0-0-45-100-100-100 % LK = 55
Counterweight = 19.6 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
	1(0)				2(...)								
	4(...)				5(180)				6(...)				
	A	B	C	D	A	B	C	D	A	B	C	D	
39.4	19.0	54	54	31	31	62	42	41	25(30)	62	21	59	28
		59	18	62	31(102)	29	29	56	56	18	59	31	62(257)
45.9	18.5	57	57	27	27	70	39	42	19(35)	68	14	64	23
		62	11	68	29(108)	25	25	59	59	11	61	29	68(251)
52.5	15.0	57	57	26	26	70	37	42	17(36)	68	12	64	21
		63	9	67	26(104)	24	24	59	59	9	63	26	67(255)
59.1	12.1	56	56	25	25	70	36	41	15(36)	68	11	64	20
		63	7	67	25(104)	22	22	59	59	7	63	25	67(255)
65.6	9.7	56	56	24	24	70	35	41	14(36)	68	9	64	19
		63	6	67	24(104)	21	21	59	59	6	62	24	67(255)
72.2	7.7	56	56	23	23	70	34	41	13(37)	68	8	64	19
		62	5	67	24(105)	21	21	59	59	5	62	24	68(254)
78.7	6.2	56	56	23	23	70	34	40	12(37)	68	7	64	18
		62	4	68	23(105)	19	19	59	59	3	62	23	68(254)
85.3	4.9	56	56	22	22	71	33	40	11(38)	68	6	64	17
		62	2	68	23(106)	19	19	59	59	2	62	23	69(253)
91.9	3.5	56	56	22	22	71	32	40	11(38)	68	6	64	16
		62	2	68	22(106)	18	18	59	59	2	61	23	68(253)

98.4 2.4 55 55 21 21 71 32 40 10(38) 68 5 64 16
 62 1 68 22(106) 18 18 59 59 1 61 22 68(253)

HA=145.0 HI= 55.8 GGW= 19.6 SL= 0.0 MAX(A,B,C,D)= 6.6 5.8 6.3 6.4

Main boom and fixed jib (jib angle 0.0 degrees)
 Length of main boom = 152.2 ft Length of jib = 55.8 ft
 Main boom sequence = 0-0-90-90-90-90 % LK = 62
 Counterweight = 19.6 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.			
	1(0)				2(...)							
	3(90)				4(...)							
	A	B	C	D	A	B	C	D	A	B	C	D
39.4 19.0	54	54	31	31	64	41	41	24(32)	63	19	60	27
	60	17	63	30(103)	28	28	56	56	17	59	30	63(256)
45.9 17.2	56	56	28	28	68	39	41	19(34)	67	15	63	23
	61	11	67	29(107)	25	25	59	59	11	61	29	67(252)
52.5 13.7	56	56	26	26	68	37	41	17(35)	67	13	63	22
	62	10	66	26(103)	24	24	58	58	10	62	26	66(256)
59.1 11.0	56	56	25	25	69	36	41	16(36)	67	11	63	20
	62	8	67	25(104)	22	22	58	58	7	62	25	67(255)
65.6 8.6	55	55	24	24	69	35	40	15(36)	67	10	63	20
	62	7	66	24(104)	21	21	58	58	6	62	25	67(255)
72.2 6.8	55	55	23	23	69	34	40	13(37)	67	8	63	19
	62	5	67	24(105)	20	20	58	58	5	61	24	67(254)
78.7 5.1	55	55	23	23	69	34	40	13(37)	67	8	63	18
	61	4	67	23(105)	20	20	58	58	4	61	24	67(254)
85.3 3.7	55	55	22	22	69	33	40	12(37)	67	7	63	17
	62	3	67	23(105)	19	19	58	58	3	61	23	67(254)
91.9 2.6	55	55	22	22	70	32	40	11(38)	67	6	63	16
	61	2	68	22(106)	18	18	58	58	2	61	23	68(253)

HA=152.2 HI= 55.8 GGW= 19.6 SL= 0.0 MAX(A,B,C,D)= 6.5 5.8 6.3 6.3

Main boom and fixed jib (jib angle 0.0 degrees)
 Length of main boom = 161.4 ft Length of jib = 55.8 ft
 Main boom sequence = 0-0-100-100-100-100 % LK = 63
 Counterweight = 19.6 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.			
	1(0)				2(...)							
	3(90)				4(...)							
	A	B	C	D	A	B	C	D	A	B	C	D
45.9 16.5	56	56	28	28	67	39	41	20(34)	66	15	62	24
	60	12	66	29(107)	25	25	58	58	12	60	29	66(252)
52.5 13.0	55	55	27	27	67	38	41	18(34)	66	13	62	22
	60	10	66	28(107)	24	24	58	58	10	60	28	66(252)
59.1 10.4	55	55	26	26	68	36	40	17(35)	66	12	62	21
	62	9	65	25(103)	23	23	58	58	9	61	26	66(256)
65.6 8.2	55	55	24	24	68	35	40	15(36)	66	10	62	20
	61	7	66	24(104)	22	22	58	58	7	61	25	66(255)
72.2 6.4	55	55	24	24	69	35	40	14(36)	67	9	63	19
	62	6	66	24(104)	21	21	58	58	6	61	24	66(255)

78.7 4.9 55 55 23 23 69 34 40 13(37) 67 8 63 18
 61 4 67 23(105) 20 20 58 58 4 61 24 67(254)
 85.3 3.5 55 55 22 22 69 33 40 12(37) 67 7 63 17
 61 3 67 23(105) 19 19 58 58 3 61 23 67(254)
 91.9 2.2 54 54 22 22 69 33 39 12(37) 67 6 63 17
 61 3 67 22(105) 19 19 58 58 3 61 23 67(254)

 HA=161.4 HI= 55.8 GGW= 19.6 SL= 0.0 MAX(A,B,C,D)= 6.4 5.7 6.2 6.2

Main boom and fixed jib (jib angle 0.0 degrees)
 Length of main boom = 166.0 ft Length of jib = 55.8 ft
 Main boom sequence = 0-45-90-90-90-90 % LK = 68
 Counterweight = 19.6 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]								(Pos.[Degrees])				0-360 Degr.											
		1(0)		2(...)				3(90)		4(...)		5(180)			6(...)										
		A	B	C	D	A	B	C	D	A	B	C	D		A	B	C	D							
45.9	15.0	55	55	28	28	66	39	41	20(33)	65	15	62	24	60	12	65	29(106)	25	25	57	57	12	60	29	65(253)
52.5	11.7	54	54	27	27	66	37	40	18(34)	65	13	62	22	59	10	65	28(107)	24	24	57	57	10	59	28	65(252)
59.1	9.0	54	54	26	26	66	37	40	17(34)	65	12	62	21	61	9	64	25(102)	23	23	57	57	9	61	25	65(257)
65.6	7.1	54	54	24	24	67	35	39	15(35)	65	10	62	20	61	7	65	24(103)	21	21	57	57	7	61	24	65(256)
72.2	5.1	54	54	24	24	67	34	39	15(36)	65	9	62	19	60	6	65	24(104)	21	21	57	57	6	60	24	65(255)
78.7	3.5	54	54	23	23	67	34	39	14(36)	65	8	62	18	60	5	65	23(104)	20	20	57	57	5	60	24	66(255)
85.3	2.2	54	54	22	22	68	34	39	13(36)	66	7	62	18	61	4	65	22(104)	19	19	57	57	4	60	23	66(255)

 HA=166.0 HI= 55.8 GGW= 19.6 SL= 0.0 MAX(A,B,C,D)= 6.3 5.7 6.1 6.1

Main boom and fixed jib (jib angle 0.0 degrees)
 Length of main boom = 175.5 ft Length of jib = 55.8 ft
 Main boom sequence = 0-45-100-100-100-100 % LK = 69
 Counterweight = 19.6 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]								(Pos.[Degrees])				0-360 Degr.											
		1(0)		2(...)				3(90)		4(...)		5(180)			6(...)										
		A	B	C	D	A	B	C	D	A	B	C	D		A	B	C	D							
45.9	14.3	54	54	28	28	65	38	41	21(34)	64	16	61	24	60	13	64	29(105)	26	26	57	57	13	59	29	64(254)
52.5	11.2	54	54	27	27	65	38	40	19(33)	64	14	61	23	59	11	64	28(106)	24	24	57	57	11	59	28	65(253)
59.1	8.6	54	54	26	26	66	37	39	17(34)	64	12	61	21	61	10	64	25(102)	23	23	57	57	9	60	25	64(257)
65.6	6.6	54	54	25	25	66	35	39	16(35)	65	11	62	20	60	8	65	24(103)	22	22	57	57	8	60	25	65(256)
72.2	4.9	54	54	24	24	67	35	39	15(35)	65	9	62	19	61	6	65	24(103)	21	21	57	57	6	60	24	65(256)

78.7 3.3 54 54 23 23 67 34 39 14(36) 65 9 62 19
 60 5 65 23(104) 20 20 57 57 5 60 24 65(255)

 HA=175.5 HI= 55.8 GGW= 19.6 SL= 0.0 MAX(A,B,C,D)= 6.2 5.6 6.0 6.1

Main boom and fixed jib (jib angle 0.0 degrees)
 Length of main boom = 180.1 ft Length of jib = 55.8 ft
 Main boom sequence = 0-90-90-90-90-90 % LK = 73
 Counterweight = 19.6 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
	1(0)				2(...)				3(90)				
	4(...)				5(180)				6(...)				
A	B	C	D	A	B	C	D	A	B	C	D		
45.9	13.0	54	54	28	28	64	38	41	21(34)	63	16	60	24
		59	13	63	29(105)	26	26	56	56	13	58	29	63(254)
52.5	9.9	53	53	27	27	64	38	39	19(33)	63	14	60	23
		58	11	63	28(106)	24	24	56	56	11	58	28	64(253)
59.1	7.5	53	53	26	26	65	36	39	17(34)	64	12	61	22
		60	10	63	25(102)	23	23	56	56	10	60	25	63(257)
65.6	5.3	53	53	25	25	65	36	39	17(34)	63	11	61	21
		60	9	63	24(102)	22	22	56	56	8	59	25	63(257)
72.2	3.7	53	53	24	24	66	35	39	15(35)	64	10	61	19
		60	7	64	24(103)	21	21	56	56	7	60	24	64(256)

 HA=180.1 HI= 55.8 GGW= 19.6 SL= 0.0 MAX(A,B,C,D)= 6.1 5.5 6.0 6.0

HA=180.1 HI= 55.8 GGW= 19.6 SL= 0.0 MAX(A,B,C,D)= 0.0 0.0 0.0 0.0

HA=180.1 HI= 55.8 GGW= 19.6 SL= 0.0 MAX(A,B,C,D)= 0.0 0.0 0.0 0.0

HA=180.1 HI= 55.8 GGW= 19.6 SL= 0.0 MAX(A,B,C,D)= 0.0 0.0 0.0 0.0

HA=180.1 HI= 55.8 GGW= 19.6 SL= 0.0 MAX(A,B,C,D)= 0.0 0.0 0.0 0.0

HA=180.1 HI= 55.8 GGW= 19.6 SL= 0.0 MAX(A,B,C,D)= 0.0 0.0 0.0 0.0

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

14.10.2003, 15:37:22

Eingabedatei: ilam.dat

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

Tabellendat.: /berechnung/tabellen/ac/ac200-1/serie_3/pc_tab/22137312_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 = 55.8 ft
 Main boom sequence = 0-0-0-0-0-0 % LK = 1
 Counterweight = 19.6 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]								(Pos.[Degrees])				0-360 Degr.		
		1(0)		2(...)				3(90)		6(...)						
		A	B	C	D	A	B	C	D	A	B	C	D			
29.5	21.2	45	45	41	41	47	39	46	39	(59)	47	37	48	40		
		44	36	49	43	(128)	39	39	47	47		36	44	43	49	(232)
32.8	20.3	46	46	39	39	50	37	46	37	(59)	49	34	49	38		
		45	33	51	42	(128)	37	37	48	48		33	45	42	51	(232)
39.4	18.5	48	48	36	36	49	47	37	36	(3)	53	29	52	34		
		53	29	52	34	(90)	34	34	50	50		29	53	34	52	(270)
45.9	17.2	50	50	33	33	56	44	39	29	(22)	57	24	56	30		
		56	24	56	31	(94)	31	31	53	53		23	56	31	56	(265)
52.5	16.1	53	53	30	30	62	40	40	24	(31)	61	19	59	27		
		58	17	61	30	(102)	28	28	55	55		17	58	30	61	(257)
59.1	15.0	55	55	28	28	66	39	40	20	(33)	65	15	62	23		
		60	12	65	28	(106)	25	25	58	58		12	60	29	65	(253)
65.6	14.1	57	57	25	25	71	37	41	15	(36)	69	11	65	20		
		64	7	68	25	(104)	22	22	60	60		7	63	25	68	(255)
72.2	11.7	57	57	24	24	71	35	41	14	(37)	69	9	64	19		
		63	6	68	24	(105)	21	21	60	60		6	63	25	69	(254)
78.7	9.7	57	57	23	23	71	35	41	13	(37)	69	8	65	18		
		63	4	69	24	(105)	20	20	60	60		4	63	24	69	(254)

HA= 40.7 HI= 55.8 GGW= 19.6 SL= 0.0 MAX(A,B,C,D)= 6.6 5.9 6.4 6.4

Main boom and fixed jib (jib angle 20.0 degrees)
 Length of main boom = 54.5 ft Length of jib = 55.8 ft
 Main boom sequence = 0-0-0-0-0-45 % LK = 7
 Counterweight = 19.6 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]								(Pos.[Degrees])				0-360 Degr.		
		1(0)		2(...)				3(90)		6(...)						
		A	B	C	D	A	B	C	D	A	B	C	D			
32.8	20.5	46	46	39	39	50	38	46	37	(59)	49	34	49	38		
		45	33	51	42	(128)	37	37	48	48		33	45	42	51	(232)
39.4	19.0	48	48	36	36	49	48	37	35	(4)	53	29	53	34		
		53	29	53	34	(90)	34	34	51	51		29	53	34	53	(270)
45.9	17.6	51	51	33	33	56	44	39	29	(22)	58	24	56	30		
		56	23	57	31	(95)	31	31	53	53		23	56	32	57	(264)
52.5	16.5	53	53	30	30	62	40	40	24	(31)	62	19	59	27		
		58	17	61	30	(102)	28	28	56	56		17	58	30	61	(257)
59.1	15.4	55	55	28	28	66	39	41	20	(33)	65	15	62	24		
		60	12	65	28	(106)	25	25	58	58		12	60	29	65	(253)
65.6	14.8	58	58	25	25	72	36	42	15	(37)	69	10	65	20		
		64	7	69	25	(105)	22	22	60	60		7	63	26	69	(254)

72.2 12.3 57 57 24 24 71 35 41 14(37) 69 9 65 19
63 6 69 24(105) 21 21 60 60 6 63 25 69(254)
78.7 10.4 57 57 23 23 71 35 41 13(37) 69 8 65 18
63 5 69 24(105) 21 21 60 60 4 63 24 69(254)
85.3 8.6 57 57 23 23 72 34 41 12(38) 69 7 65 18
63 4 69 24(106) 20 20 60 60 3 62 24 69(253)
91.9 7.1 56 56 22 22 72 33 41 11(38) 69 6 65 17
63 2 69 23(106) 19 19 60 60 2 62 23 69(253)

HA= 54.5 HI= 55.8 GGW= 19.6 SL= 0.0 MAX(A,B,C,D)= 6.7 5.9 6.4 6.4

Main boom and fixed jib (jib angle 20.0 degrees)
Length of main boom = 68.6 ft Length of jib = 55.8 ft
Main boom sequence = 0-0-0-0-0-90 % LK = 13
Counterweight = 19.6 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
39.4 18.7 48 48 36 36 48 48 37 36(1) 53 30 52 35
53 30 52 35(90) 34 34 50 50 30 53 35 52(270)
45.9 17.6 50 50 34 34 56 44 39 30(22) 57 24 56 31
56 24 56 31(94) 31 31 53 53 24 56 32 56(265)
52.5 16.5 53 53 31 31 62 41 40 24(30) 61 20 59 27
58 18 61 30(102) 28 28 55 55 18 58 30 61(257)
59.1 15.4 55 55 28 28 66 39 41 20(33) 65 16 62 24
60 13 65 29(106) 26 26 57 57 12 60 29 65(253)
65.6 14.3 57 57 26 26 70 37 41 16(36) 68 12 64 21
63 9 67 26(104) 23 23 59 59 8 63 26 67(255)
72.2 12.6 57 57 24 24 71 35 41 14(37) 69 10 65 19
63 6 69 25(105) 22 22 60 60 6 63 25 69(254)
78.7 10.6 57 57 24 24 71 35 41 13(37) 69 9 65 19
63 5 68 24(105) 21 21 60 60 5 63 24 69(254)
85.3 8.8 56 56 23 23 71 34 41 13(37) 69 8 64 18
63 4 68 24(105) 20 20 59 59 4 62 24 68(254)
91.9 7.5 56 56 22 22 72 33 41 12(38) 69 7 65 17
63 3 69 23(106) 19 19 60 60 3 62 24 69(253)
98.4 6.4 57 57 22 22 73 33 41 11(38) 70 6 65 16
63 1 69 22(106) 19 19 60 60 1 63 23 70(253)
105.0 5.3 57 57 21 21 73 32 41 9(39) 70 4 65 15
63 0 70 22(107) 18 18 60 60 0 62 23 70(252)
111.5 4.2 57 57 20 20 73 31 41 9(39) 70 4 66 15
62 0 71 21(107) 17 17 60 60 0 62 21 71(252)

HA= 68.6 HI= 55.8 GGW= 19.6 SL= 0.0 MAX(A,B,C,D)= 6.8 5.9 6.6 6.6

Main boom and fixed jib (jib angle 20.0 degrees)
Length of main boom = 70.2 ft Length of jib = 55.8 ft
Main boom sequence = 0-0-0-0-0-100 % LK = 14
Counterweight = 19.6 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		
39.4	18.7	48	48	37	37	48	48	37	37	(0)	53	30	52	35
	53	30	52	35	(90)	34	34	50	50	30	53	35	52	(270)
45.9	16.8	50	50	34	34	54	45	38	31	(18)	56	25	54	32
	56	25	55	32	(91)	32	32	52	52	25	55	32	55	(268)
52.5	15.2	51	51	32	32	58	41	39	26	(27)	59	22	57	28
	57	20	58	30	(98)	29	29	54	54	20	57	30	58	(261)
59.1	13.7	52	52	30	30	62	39	40	23	(31)	61	18	59	26
	58	16	61	29	(102)	27	27	55	55	16	58	29	61	(257)
65.6	12.6	54	54	28	28	65	38	40	20	(33)	64	15	61	23
	59	12	64	28	(106)	25	25	57	57	12	59	28	64	(253)
72.2	11.5	55	55	26	26	68	37	40	17	(35)	66	12	63	21
	62	9	66	25	(103)	23	23	58	58	9	62	26	66	(256)
78.7	10.6	57	57	24	24	71	35	41	14	(37)	69	9	65	19
	63	5	68	24	(105)	21	21	60	60	5	63	24	69	(254)
85.3	9.0	57	57	23	23	71	34	41	13	(37)	69	7	65	18
	63	4	69	23	(105)	20	20	60	60	4	63	24	69	(254)
91.9	7.5	56	56	22	22	72	33	41	12	(38)	69	7	65	17
	63	3	69	23	(106)	19	19	59	59	3	62	24	69	(253)
98.4	6.4	57	57	22	22	72	33	41	11	(38)	70	6	65	16
	63	2	69	22	(106)	19	19	60	60	1	63	23	70	(253)
105.0	5.3	57	57	21	21	73	32	41	10	(39)	70	5	65	16
	63	0	70	22	(107)	18	18	60	60	0	62	23	70	(252)
111.5	4.4	57	57	20	20	74	31	41	8	(39)	71	3	66	15
	62	0	72	20	(107)	17	17	60	60	0	62	21	72	(252)

 HA= 70.2 HI= 55.8 GGW= 19.6 SL= 0.0 MAX(A,B,C,D)= 6.9 5.8 6.7 6.7

Main boom and fixed jib (jib angle 20.0 degrees)
 Length of main boom = 82.3 ft Length of jib = 55.8 ft
 Main boom sequence = 0-0-0-0-45-90 % LK = 20
 Counterweight = 19.6 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.					
	1(0)	2(...)	3(90)		1(0)	2(...)	3(90)							
	4(...)				5(180)				6(...)					
	A	B	C	D	A	B	C	D	A	B	C	D		
39.4	18.7	48	48	36	36	49	48	37	36	(2)	53	29	52	34
	53	29	52	34	(90)	34	34	50	50	29	53	34	52	(270)
45.9	17.6	51	51	33	33	56	44	39	29	(22)	57	24	56	30
	57	24	56	31	(94)	31	31	53	53	23	56	32	57	(265)
52.5	16.8	53	53	30	30	62	41	41	24	(31)	62	19	59	27
	59	17	62	30	(102)	28	28	56	56	17	58	30	62	(257)
59.1	15.7	55	55	28	28	67	39	41	20	(33)	65	15	62	23
	60	12	65	28	(106)	25	25	58	58	12	60	29	65	(253)
65.6	14.8	57	57	25	25	71	37	42	15	(36)	69	11	65	20
	64	7	68	25	(104)	22	22	60	60	7	64	26	69	(255)
72.2	12.6	57	57	24	24	72	35	42	14	(37)	69	9	65	19
	64	6	69	25	(105)	22	22	60	60	6	63	25	69	(254)
78.7	10.6	57	57	24	24	72	35	41	13	(37)	69	8	65	19
	63	5	69	24	(105)	21	21	60	60	5	63	24	69	(254)
85.3	8.8	56	56	23	23	71	34	41	13	(37)	69	8	65	18
	63	4	69	23	(105)	20	20	60	60	4	63	24	69	(254)

91.9	7.5	57	57	22	22	72	33	41	11(38)	69	6	65	17
		63	3	69	23(106)	19	19	60	60	2	62	24	69(253)
98.4	6.2	56	56	22	22	72	33	41	11(38)	69	6	65	17
		63	2	69	23(106)	19	19	60	60	2	62	23	69(253)
105.0	5.3	57	57	21	21	73	32	41	9(39)	70	4	65	15
		63	0	70	22(107)	18	18	60	60	0	62	23	70(252)
111.5	4.2	57	57	21	21	73	32	41	9(39)	70	4	65	15
		62	0	70	22(107)	17	17	60	60	0	62	22	71(252)
118.1	3.3	57	57	20	20	73	31	41	8(39)	70	3	66	14
		62	0	72	20(107)	17	17	60	60	0	61	20	72(252)
124.7	2.4	57	57	20	20	74	31	40	8(39)	71	2	66	14
		61	0	73	19(107)	16	16	60	60	0	60	19	73(252)

HA= 82.3 HI= 55.8 GGW= 19.6 SL= 0.0 MAX(A,B,C,D)= 6.8 5.9 6.8 6.8

Main boom and fixed jib (jib angle 20.0 degrees)

Length of main boom = 84.0 ft Length of jib = 55.8 ft

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

Counterweight = 19.6 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.			
		1(0)		2(...)		3(90)		6(...)					
		4(...)		5(180)		6(...)							
		A	B	C	D	A	B	C	D				
39.4	18.7	48	48	36	36	49	48	37	36(2)	53	29	52	34
		53	29	52	34(90)	34	34	50	50	29	53	34	52(270)
45.9	17.2	50	50	34	34	55	44	38	30(20)	57	25	55	31
		56	24	56	32(93)	31	31	52	52	24	56	32	56(266)
52.5	15.7	52	52	31	31	60	41	39	26(28)	60	21	58	28
		58	19	59	30(100)	29	29	54	54	19	57	30	60(259)
59.1	14.3	54	54	29	29	64	39	41	22(33)	63	17	60	25
		59	14	63	29(104)	26	26	56	56	14	58	29	63(255)
65.6	13.2	55	55	27	27	67	38	40	18(34)	66	13	62	22
		60	10	66	28(107)	24	24	58	58	10	60	28	66(252)
72.2	12.1	56	56	25	25	70	36	41	15(36)	68	10	64	20
		63	7	67	25(104)	22	22	59	59	7	63	25	68(255)
78.7	10.6	57	57	24	24	71	35	41	13(37)	69	8	65	19
		63	5	69	24(105)	21	21	60	60	5	63	24	69(254)
85.3	8.8	56	56	23	23	71	34	41	13(37)	69	8	65	18
		63	4	68	23(105)	20	20	59	59	4	63	24	69(254)
91.9	7.5	56	56	22	22	72	33	41	12(38)	69	7	65	17
		63	3	69	23(106)	19	19	60	60	3	62	24	69(253)
98.4	6.2	56	56	22	22	72	33	41	11(38)	69	6	65	17
		63	2	69	23(106)	19	19	60	60	2	62	23	69(253)
105.0	5.3	57	57	21	21	73	32	41	10(39)	70	5	65	15
		63	0	70	22(107)	18	18	60	60	0	62	23	70(252)
111.5	4.4	57	57	20	20	74	31	41	9(39)	71	4	66	15
		62	0	71	21(107)	17	17	60	60	0	62	21	72(252)
118.1	3.3	56	56	20	20	73	31	41	9(39)	70	3	65	15
		62	0	71	21(107)	17	17	60	60	0	61	21	71(252)
124.7	2.4	56	56	20	20	73	31	40	8(39)	70	3	65	14
		61	0	72	19(107)	16	16	60	60	0	60	20	72(252)

HA= 84.0 HI= 55.8 GGW= 19.6 SL= 0.0 MAX(A,B,C,D)= 6.8 5.9 6.7 6.7

 Main boom and fixed jib (jib angle 20.0 degrees)
 Length of main boom = 96.5 ft Length of jib = 55.8 ft
 Main boom sequence = 0-0-0-0-90-90 % LK = 28
 Counterweight = 19.6 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]								(Pos.[Degrees])				0-360 Degr.	
		1(0)				2(...)				3(90)					
		4(...)				5(180)				6(...)					
A	B	C	D	A	B	C	D	A	B	C	D				
45.9	17.4	50	50	33	33	56	44	39	29	22	57	24	56	31	
		57	24	56	31(94)	31	31	53	53	23	56	32	56	(265)	
52.5	16.8	53	53	30	30	63	41	40	24	(31)	62	19	59	26	
		59	17	62	30(103)	28	28	56	56	17	58	30	62	(256)	
59.1	15.9	56	56	27	27	68	39	41	19	(34)	66	14	63	23	
		61	11	66	28(107)	25	25	58	58	11	60	29	66	(252)	
65.6	15.0	58	58	25	25	72	36	42	15	(37)	70	10	65	20	
		64	6	69	25(105)	22	22	60	60	6	64	26	69	(254)	
72.2	12.3	57	57	24	24	71	35	41	14	(37)	69	9	65	19	
		63	6	69	25(105)	22	22	60	60	6	63	25	69	(254)	
78.7	10.4	57	57	24	24	71	35	41	13	(37)	69	9	65	19	
		63	5	69	24(105)	21	21	60	60	5	63	24	69	(254)	
85.3	8.8	57	57	23	23	72	34	41	12	(38)	69	7	65	18	
		63	4	69	24(106)	20	20	60	60	3	63	24	69	(253)	
91.9	7.3	56	56	22	22	72	33	41	12	(38)	69	7	65	17	
		63	3	69	23(106)	19	19	60	60	3	62	24	69	(253)	
98.4	6.2	57	57	22	22	72	33	41	11	(38)	69	6	65	16	
		63	2	69	22(106)	19	19	60	60	1	63	23	70	(253)	
105.0	5.1	56	56	21	21	72	32	40	10	(38)	70	5	65	16	
		63	1	69	22(106)	18	18	60	60	1	63	22	70	(253)	
111.5	4.2	57	57	21	21	73	32	41	9	(39)	70	4	65	15	
		62	0	71	21(107)	17	17	60	60	0	62	22	71	(252)	
118.1	3.3	57	57	20	20	73	31	41	8	(39)	70	3	66	14	
		62	0	72	20(107)	17	17	60	60	0	61	20	72	(252)	
124.7	2.4	57	57	20	20	73	31	40	8	(39)	70	3	66	14	
		61	0	72	19(107)	16	16	60	60	0	60	20	73	(252)	

 HA= 96.5 HI= 55.8 GGW= 19.6 SL= 0.0 MAX(A,B,C,D)= 6.8 5.9 6.7 6.7

Main boom and fixed jib (jib angle 20.0 degrees)
 Length of main boom = 100.4 ft Length of jib = 55.8 ft
 Main boom sequence = 0-0-0-0-100-100 % LK = 29
 Counterweight = 19.6 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]								(Pos.[Degrees])				0-360 Degr.	
		1(0)				2(...)				3(90)					
		4(...)				5(180)				6(...)					
A	B	C	D	A	B	C	D	A	B	C	D				
45.9	17.2	50	50	34	34	56	44	39	30	(21)	57	24	55	31	
		56	24	56	31(93)	31	31	53	53	24	56	32	56	(266)	
52.5	15.9	52	52	31	31	61	41	40	25	(29)	60	20	58	28	
		58	18	60	30(101)	28	28	55	55	18	58	30	60	(258)	
59.1	14.8	54	54	28	28	65	38	41	21	(34)	64	16	61	24	
		60	13	64	29(105)	26	26	57	57	13	59	29	64	(254)	

65.6	13.7	56	56	26	26	69	37	41	17(35)	67	12	63	21
		63	9	66	26(103)	23	23	59	59	9	62	26	66(256)
72.2	12.3	57	57	24	24	71	35	41	14(37)	69	9	65	19
		63	6	69	25(105)	22	22	60	60	6	63	25	69(254)
78.7	10.4	57	57	24	24	71	35	41	13(37)	69	9	65	19
		63	5	69	24(105)	21	21	60	60	5	63	24	69(254)
85.3	8.8	57	57	23	23	72	34	41	12(38)	69	7	65	18
		63	4	69	24(106)	20	20	60	60	3	63	24	69(253)
91.9	7.3	56	56	22	22	72	33	41	12(38)	69	7	65	17
		63	3	69	23(106)	19	19	59	59	3	62	24	69(253)
98.4	6.2	57	57	22	22	72	33	41	11(38)	69	6	65	16
		63	2	69	22(106)	19	19	60	60	2	63	23	69(253)
105.0	5.1	56	56	21	21	72	32	40	10(38)	70	5	65	16
		63	1	69	22(106)	18	18	60	60	1	63	22	70(253)
111.5	4.2	57	57	21	21	73	32	41	9(39)	70	4	65	15
		62	0	71	21(107)	17	17	60	60	0	62	22	71(252)
118.1	3.3	57	57	20	20	73	31	41	8(39)	70	3	66	15
		62	0	72	20(107)	17	17	60	60	0	61	21	72(252)
124.7	2.4	56	56	20	20	73	31	40	8(39)	70	3	65	14
		61	0	72	20(107)	17	17	60	60	0	61	20	72(252)

HA=100.4 HI= 55.8 GGW= 19.6 SL= 0.0 MAX(A,B,C,D)= 6.8 5.9 6.7 6.7

Main boom and fixed jib (jib angle 20.0 degrees)

Length of main boom = 110.2 ft Length of jib = 55.8 ft

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

Counterweight = 19.6 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.			
		1(0)		2(...)		3(90)		6(...)					
		4(...)		5(180)		6(...)							
		A	B	C	D	A	B	C	D	A	B	C	D
45.9	17.4	51	51	33	33	57	43	39	29(23)	58	24	56	30
		57	23	57	31(96)	31	31	53	53	22	56	32	57(263)
52.5	16.5	54	54	30	30	63	40	41	23(32)	62	19	60	26
		59	16	62	30(103)	28	28	56	56	16	59	30	62(256)
59.1	15.9	56	56	27	27	69	38	41	18(35)	67	14	63	22
		61	10	67	28(108)	24	24	59	59	10	60	29	67(251)
65.6	14.6	58	58	25	25	72	36	42	15(37)	70	10	65	20
		64	6	69	25(105)	22	22	60	60	6	64	25	69(254)
72.2	12.1	57	57	24	24	72	35	41	14(37)	70	9	65	19
		64	5	69	24(105)	21	21	60	60	5	63	25	69(254)
78.7	10.1	57	57	23	23	72	35	41	13(37)	69	8	65	18
		64	4	69	24(105)	20	20	60	60	4	63	24	69(254)
85.3	8.4	57	57	23	23	72	34	41	12(38)	69	7	65	17
		63	3	69	24(106)	20	20	60	60	3	62	24	69(253)
91.9	7.1	57	57	22	22	72	33	41	11(38)	70	6	65	17
		63	2	69	23(106)	19	19	60	60	2	63	23	70(253)
98.4	5.7	56	56	22	22	72	33	41	11(38)	69	5	65	16
		63	1	69	22(106)	18	18	60	60	1	63	23	69(253)
105.0	4.9	57	57	21	21	73	32	41	9(39)	70	4	66	15
		63	0	71	22(107)	17	17	60	60	0	62	22	71(252)
111.5	3.7	57	57	20	20	73	31	41	9(39)	70	4	65	15
		62	0	71	21(107)	17	17	60	60	0	62	21	71(252)

118.1 2.9 57 57 20 20 73 31 41 8(39) 70 3 66 14
 62 0 72 20(107) 17 17 60 60 0 61 20 72(252)

HA=110.2 HI= 55.8 GGW= 19.6 SL= 0.0 MAX(A,B,C,D)= 6.8 5.9 6.7 6.7

Main boom and fixed jib (jib angle 20.0 degrees)

Length of main boom = 114.5 ft Length of jib = 55.8 ft

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

Counterweight = 19.6 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]								(Pos.[Degrees])				0-360 Degr.
		1(0)				2(...)				3(90)				
		4(...)				5(180)				6(...)				
A	B	C	D	A	B	C	D	A	B	C	D			
52.5	16.1	53	53	30	30	62	40	40	24(31)	62	19	59	27	
		58	17	61	30(102)	28	28	56	56	17	58	30	62(257)	
59.1	15.0	55	55	28	28	66	39	41	20(33)	65	15	62	23	
		60	12	65	28(106)	25	25	58	58	12	60	29	65(253)	
65.6	13.9	57	57	25	25	71	37	41	16(36)	69	11	64	21	
		63	8	68	25(104)	23	23	60	60	8	63	26	68(255)	
72.2	12.1	57	57	24	24	72	35	41	14(37)	70	9	65	19	
		64	5	69	24(105)	21	21	60	60	5	63	25	69(254)	
78.7	10.1	57	57	23	23	72	35	41	13(37)	69	8	65	18	
		64	4	69	24(105)	20	20	60	60	4	63	24	69(254)	
85.3	8.4	57	57	23	23	72	34	41	12(38)	69	7	65	18	
		63	3	69	24(106)	20	20	60	60	3	62	24	69(253)	
91.9	7.1	57	57	22	22	72	33	41	11(38)	70	6	65	17	
		63	2	69	23(106)	19	19	60	60	2	63	23	70(253)	
98.4	5.7	56	56	22	22	72	33	41	11(38)	69	6	65	16	
		63	1	69	22(106)	18	18	60	60	1	62	23	69(253)	
105.0	4.9	57	57	21	21	73	32	41	9(39)	70	4	66	15	
		63	0	71	22(107)	17	17	60	60	0	62	22	71(252)	
111.5	3.7	57	57	21	21	73	31	41	9(39)	70	4	65	15	
		62	0	71	21(107)	17	17	60	60	0	62	21	71(252)	
118.1	2.9	57	57	20	20	73	31	41	8(39)	70	3	65	14	
		62	0	72	20(107)	17	17	60	60	0	61	20	72(252)	

HA=114.5 HI= 55.8 GGW= 19.6 SL= 0.0 MAX(A,B,C,D)= 6.8 5.9 6.7 6.7

Main boom and fixed jib (jib angle 20.0 degrees)

Length of main boom = 124.3 ft Length of jib = 55.8 ft

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

Counterweight = 19.6 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]								(Pos.[Degrees])				0-360 Degr.
		1(0)				2(...)				3(90)				
		4(...)				5(180)				6(...)				
A	B	C	D	A	B	C	D	A	B	C	D			
52.5	16.3	54	54	30	30	63	40	41	23(32)	63	18	60	26	
		59	16	62	29(103)	27	27	56	56	16	59	30	63(256)	
59.1	15.7	56	56	27	27	69	38	41	18(35)	67	13	63	22	
		63	10	67	26(103)	24	24	59	59	10	63	27	67(256)	
65.6	14.1	58	58	25	25	72	36	42	14(37)	70	10	65	20	
		64	6	69	25(105)	22	22	60	60	6	64	25	69(254)	

72.2	11.7	57	57	24	24	72	35	41	14(37)	69	9	65	19
		64	5	69	24(105)	21	21	60	60	5	63	25	69(254)
78.7	9.7	57	57	23	23	72	35	41	13(37)	69	8	65	18
		63	4	69	24(105)	20	20	60	60	4	63	24	69(254)
85.3	8.2	57	57	22	22	72	34	41	11(38)	70	7	65	17
		63	3	69	23(106)	19	19	60	60	2	63	24	70(253)
91.9	6.6	57	57	22	22	72	33	41	11(38)	69	6	65	17
		63	2	69	23(106)	19	19	60	60	2	63	23	69(253)
98.4	5.5	57	57	21	21	73	32	41	10(39)	70	5	65	16
		63	0	70	22(107)	18	18	60	60	0	62	23	70(252)
105.0	4.4	57	57	21	21	73	32	41	9(39)	70	4	65	15
		63	0	71	22(107)	17	17	60	60	0	62	22	71(252)
111.5	3.3	56	56	20	20	73	31	41	9(39)	70	4	65	15
		62	0	71	21(107)	17	17	60	60	0	61	21	71(252)
118.1	2.4	56	56	20	20	73	31	40	8(39)	70	3	65	14
		61	0	72	20(107)	17	17	60	60	0	61	20	72(252)

 HA=124.3 HI= 55.8 GGW= 19.6 SL= 0.0 MAX(A,B,C,D)= 6.8 5.9 6.7 6.7

Main boom and fixed jib (jib angle 20.0 degrees)

Length of main boom = 130.9 ft Length of jib = 55.8 ft
 Main boom sequence = 0-0-0-100-100-100 % LK = 46
 Counterweight = 19.6 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
	1(0)		2(...)		3(90)								
	4(...)	5(180)	6(...)										
A B C D	A B C D	A B C D	A B C D										
52.5	15.9	53	53	30	30	62	40	40	23(31)	62	19	59	26
		58	17	62	30(103)	28	28	56	56	16	58	30	62(256)
59.1	15.0	56	56	27	27	67	38	41	19(34)	66	14	62	23
		60	11	66	28(107)	25	25	58	58	11	60	29	66(252)
65.6	13.9	57	57	25	25	72	36	42	15(37)	69	10	65	20
		64	7	69	25(105)	22	22	60	60	6	63	26	69(254)
72.2	11.7	57	57	24	24	72	35	41	13(37)	70	9	65	19
		64	5	69	24(105)	21	21	60	60	5	63	25	69(254)
78.7	9.7	57	57	23	23	72	34	41	13(38)	69	8	65	18
		63	4	69	24(106)	20	20	60	60	4	63	24	69(253)
85.3	7.9	57	57	22	22	72	34	41	12(38)	69	7	65	17
		63	3	69	23(106)	20	20	60	60	3	62	24	69(253)
91.9	6.6	57	57	22	22	72	33	41	11(38)	70	6	65	17
		63	2	69	23(106)	19	19	60	60	2	63	23	70(253)
98.4	5.3	56	56	21	21	72	33	41	10(38)	69	5	65	16
		63	1	69	22(106)	18	18	60	60	1	62	23	69(253)
105.0	4.2	56	56	21	21	72	32	40	10(38)	70	4	65	15
		63	0	69	22(106)	18	18	60	60	0	63	22	70(253)
111.5	3.3	57	57	20	20	73	31	41	9(39)	70	4	65	15
		62	0	71	21(107)	17	17	60	60	0	61	21	71(252)
118.1	2.4	57	57	20	20	73	31	41	8(39)	70	3	66	14
		61	0	72	20(107)	17	17	60	60	0	61	20	72(252)

 HA=130.9 HI= 55.8 GGW= 19.6 SL= 0.0 MAX(A,B,C,D)= 6.8 5.9 6.7 6.7

Main boom and fixed jib (jib angle 20.0 degrees)

Length of main boom = 138.1 ft Length of jib = 55.8 ft
 Main boom sequence = 0-0-45-90-90-90 % LK = 54
 Counterweight = 19.6 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.					
	1(0)				2(...)					3(90)				
	4(...)				5(180)					6(...)				
	A	B	C	D	A	B	C	D	A	B	C	D		
59.1	15.4	57	57	26	26	70	38	41	17(35)	68	12	64	21	
		64	9	67	26(103)	24	24	59	59	9	63	26	67(256)	
65.6	13.0	57	57	25	25	71	36	41	15(36)	69	10	64	20	
		64	7	68	25(104)	22	22	60	60	7	63	25	68(255)	
72.2	10.6	56	56	24	24	71	35	41	14(37)	68	9	64	19	
		63	6	68	24(105)	21	21	59	59	6	62	25	68(254)	
78.7	8.8	56	56	23	23	71	35	41	13(37)	69	8	64	18	
		63	4	68	24(105)	20	20	59	59	4	63	24	69(254)	
85.3	7.1	56	56	23	23	71	34	40	12(37)	68	7	64	18	
		63	4	68	23(105)	20	20	59	59	4	62	24	68(254)	
91.9	5.7	56	56	22	22	71	33	41	11(38)	69	6	64	17	
		62	2	69	23(106)	19	19	59	59	2	62	23	69(253)	
98.4	4.4	56	56	22	22	71	32	40	11(38)	69	6	64	16	
		62	2	69	22(106)	18	18	59	59	2	62	23	69(253)	
105.0	3.3	56	56	21	21	71	32	40	10(38)	69	5	64	16	
		62	1	69	22(106)	18	18	59	59	1	62	22	69(253)	
111.5	2.4	56	56	21	21	72	31	40	9(39)	69	4	65	15	
		62	0	70	21(107)	17	17	59	59	0	61	22	70(252)	

HA=138.1 HI= 55.8 GGW= 19.6 SL= 0.0 MAX(A,B,C,D)= 6.7 5.9 6.5 6.5

Main boom and fixed jib (jib angle 20.0 degrees)

Length of main boom = 145.0 ft Length of jib = 55.8 ft
 Main boom sequence = 0-0-45-100-100-100 % LK = 55
 Counterweight = 19.6 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.					
	1(0)				2(...)					3(90)				
	4(...)				5(180)					6(...)				
	A	B	C	D	A	B	C	D	A	B	C	D		
59.1	15.0	56	56	26	26	69	38	41	18(35)	67	13	63	22	
		63	10	66	26(103)	24	24	59	59	10	63	26	67(256)	
65.6	12.6	56	56	25	25	70	36	41	16(36)	68	11	64	21	
		63	8	67	25(104)	22	22	59	59	8	62	26	67(255)	
72.2	10.4	56	56	24	24	70	36	41	15(36)	68	10	64	20	
		63	6	67	24(104)	22	22	59	59	6	62	25	67(255)	
78.7	8.6	56	56	23	23	71	35	41	13(37)	68	8	64	19	
		63	5	68	24(105)	21	21	59	59	5	62	24	68(254)	
85.3	6.8	56	56	23	23	70	34	40	13(37)	68	8	64	18	
		62	4	68	23(105)	20	20	59	59	4	62	24	68(254)	
91.9	5.5	56	56	22	22	71	34	40	12(37)	68	7	64	17	
		62	3	68	23(105)	19	19	59	59	3	62	23	68(254)	
98.4	4.2	55	55	22	22	71	32	40	11(38)	68	6	64	17	
		62	2	68	23(106)	19	19	59	59	2	61	23	68(253)	
105.0	3.1	55	55	21	21	71	32	40	11(38)	68	6	64	16	
		62	2	68	22(106)	18	18	59	59	1	61	23	68(253)	

 HA=145.0 HI= 55.8 GGW= 19.6 SL= 0.0 MAX(A,B,C,D)= 6.6 5.8 6.3 6.3

Main boom and fixed jib (jib angle 20.0 degrees)
 Length of main boom = 152.2 ft Length of jib = 55.8 ft
 Main boom sequence = 0-0-90-90-90-90 % LK = 62
 Counterweight = 19.6 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]								(Pos.[Degrees])				0-360 Degr.														
		1(0)		2(...)				3(90)		4(...)		5(180)			6(...)													
		A	B	C	D	A	B	C	D	A	B	C	D		A	B	C	D										
59.1	14.3	56	56	26	26	69	38	41	18	35	67	13	63	22	63	10	66	26	(103)	24	24	59	59	10	62	26	66	(256)
65.6	11.7	56	56	25	25	69	37	41	16	35	67	11	63	21	62	9	66	25	(103)	23	23	58	58	8	62	25	66	(256)
72.2	9.5	55	55	24	24	69	35	41	15	36	67	10	63	20	62	7	67	24	(104)	22	22	58	58	7	62	25	67	(255)
78.7	7.7	55	55	24	24	69	35	40	14	36	67	9	63	19	62	6	67	24	(104)	21	21	58	58	5	62	24	67	(255)
85.3	6.0	55	55	23	23	69	34	40	13	37	67	8	63	18	61	5	67	24	(105)	20	20	58	58	5	61	24	67	(254)
91.9	4.6	55	55	22	22	69	33	40	12	37	67	7	63	18	62	4	67	23	(105)	19	19	58	58	4	61	23	67	(254)
98.4	3.5	55	55	22	22	70	33	40	11	37	68	6	64	17	62	2	67	22	(105)	19	19	58	58	2	62	23	68	(254)
105.0	2.4	55	55	21	21	70	32	40	11	38	68	5	64	16	61	2	68	22	(106)	18	18	58	58	1	61	23	68	(253)

 HA=152.2 HI= 55.8 GGW= 19.6 SL= 0.0 MAX(A,B,C,D)= 6.5 5.8 6.3 6.3

Main boom and fixed jib (jib angle 20.0 degrees)
 Length of main boom = 161.4 ft Length of jib = 55.8 ft
 Main boom sequence = 0-0-100-100-100-100 % LK = 63
 Counterweight = 19.6 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]								(Pos.[Degrees])				0-360 Degr.														
		1(0)		2(...)				3(90)		4(...)		5(180)			6(...)													
		A	B	C	D	A	B	C	D	A	B	C	D		A	B	C	D										
65.6	11.2	55	55	26	26	68	37	41	17	35	66	12	62	21	62	9	65	25	(103)	23	23	58	58	9	62	26	66	(256)
72.2	9.0	55	55	25	25	68	36	40	16	35	66	11	62	20	62	8	65	24	(103)	22	22	58	58	8	61	25	66	(256)
78.7	7.3	55	55	24	24	68	35	40	15	36	66	9	63	19	62	6	66	24	(104)	21	21	58	58	6	61	24	66	(255)
85.3	5.7	55	55	23	23	69	34	40	14	36	67	8	63	19	62	5	66	23	(104)	20	20	58	58	5	61	24	67	(255)
91.9	4.4	55	55	23	23	69	33	40	13	37	67	7	63	18	61	4	67	23	(105)	19	19	58	58	4	61	23	67	(254)
98.4	3.1	54	54	22	22	69	33	39	12	37	67	7	63	17	61	3	67	23	(105)	19	19	58	58	3	60	23	67	(254)

 HA=161.4 HI= 55.8 GGW= 19.6 SL= 0.0 MAX(A,B,C,D)= 6.4 5.7 6.2 6.2

 Main boom and fixed jib (jib angle 20.0 degrees)
 Length of main boom = 166.0 ft Length of jib = 55.8 ft
 Main boom sequence = 0-45-90-90-90-90 % LK = 68
 Counterweight = 19.6 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
	1(0)		2(...)		3(90)		6(...)						
	A	B	C	D	A	B	C	D					
65.6	10.1	54	54	26	26	66	37	40	17(34)	65	13	62	22
		61	10	64	25(102)	23	23	57	57	10	61	26	65(257)
72.2	8.2	54	54	25	25	67	36	40	16(35)	65	11	62	20
		61	8	65	24(103)	22	22	57	57	8	61	25	65(256)
78.7	6.2	54	54	24	24	67	35	39	15(35)	65	10	62	20
		61	7	65	24(103)	21	21	57	57	7	60	24	65(256)
85.3	4.6	54	54	24	24	67	34	39	14(36)	65	9	62	19
		60	6	65	24(104)	21	21	57	57	6	60	24	65(255)
91.9	3.3	54	54	23	23	68	34	39	13(36)	65	8	62	18
		61	5	65	23(104)	20	20	57	57	5	60	23	66(255)

 HA=166.0 HI= 55.8 GGW= 19.6 SL= 0.0 MAX(A,B,C,D)= 6.3 5.7 6.1 6.1

HA=166.0 HI= 55.8 GGW= 19.6 SL= 0.0 MAX(A,B,C,D)= 0.0 0.0 0.0 0.0

HA=166.0 HI= 55.8 GGW= 19.6 SL= 0.0 MAX(A,B,C,D)= 0.0 0.0 0.0 0.0

HA=166.0 HI= 55.8 GGW= 19.6 SL= 0.0 MAX(A,B,C,D)= 0.0 0.0 0.0 0.0

HA=166.0 HI= 55.8 GGW= 19.6 SL= 0.0 MAX(A,B,C,D)= 0.0 0.0 0.0 0.0

HA=166.0 HI= 55.8 GGW= 19.6 SL= 0.0 MAX(A,B,C,D)= 0.0 0.0 0.0 0.0

HA=166.0 HI= 55.8 GGW= 19.6 SL= 0.0 MAX(A,B,C,D)= 0.0 0.0 0.0 0.0

HA=166.0 HI= 55.8 GGW= 19.6 SL= 0.0 MAX(A,B,C,D)= 0.0 0.0 0.0 0.0

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

14.10.2003, 15:37:22

Eingabedatei: ilam.dat

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

Tabellendat.: /berechnung/tabellen/ac/ac200-1/serie_3/pc_tab/22137312_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 = 55.8 ft
 Main boom sequence = 0-0-0-0-0-0 % LK = 1
 Counterweight = 19.6 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.					
	1(0)				2(...)					3(90)				
	4(...)				5(180)					6(...)				
	A	B	C	D	A	B	C	D	A	B	C	D		
45.9	15.2	45	45	37	37	50	35	46	34	(59)	49	32	49	36
		44	30	51	41(128)	35	35	48	48		30	44	41	51(232)
52.5	14.3	48	48	35	35	50	45	37	33	(11)	53	27	52	32
		53	27	52	32(90)	32	32	50	50		27	53	32	52(270)
59.1	13.7	50	50	32	32	57	41	39	26	(26)	58	21	56	28
		56	20	58	30(98)	29	29	53	53		20	56	30	58(261)
65.6	13.2	53	53	28	28	64	38	41	21	(34)	63	16	60	24
		58	13	63	28(105)	26	26	56	56		13	58	29	63(254)
72.2	12.8	56	56	25	25	70	36	41	15	(36)	68	11	64	20
		63	7	67	25(104)	22	22	59	59		7	63	25	68(255)

HA= 40.7 HI= 55.8 GGW= 19.6 SL= 0.0 MAX(A,B,C,D)= 6.5 5.8 6.3 6.3

Main boom and fixed jib (jib angle 40.0 degrees)
 Length of main boom = 54.5 ft Length of jib = 55.8 ft
 Main boom sequence = 0-0-0-0-0-45 % LK = 7
 Counterweight = 19.6 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.					
	1(0)				2(...)					3(90)				
	4(...)				5(180)					6(...)				
	A	B	C	D	A	B	C	D	A	B	C	D		
45.9	15.2	45	45	38	38	50	35	45	35	(59)	48	32	49	36
		44	31	50	41(128)	35	35	48	48		31	44	41	50(232)
52.5	14.6	48	48	35	35	50	45	37	33	(10)	53	27	52	32
		53	27	52	32(90)	32	32	50	50		27	53	32	52(270)
59.1	13.9	50	50	32	32	57	42	38	27	(25)	58	22	56	29
		56	21	57	30(97)	29	29	53	53		21	56	30	57(262)
65.6	13.4	53	53	29	29	63	39	40	21	(33)	62	17	60	25
		58	14	62	29(104)	26	26	56	56		14	58	29	62(255)
72.2	13.0	56	56	26	26	69	37	41	17	(35)	67	12	63	21
		63	9	66	25(103)	23	23	58	58		9	62	26	67(256)
78.7	11.2	56	56	24	24	70	36	41	15	(36)	68	10	64	19
		63	6	68	24(104)	22	22	59	59		6	63	25	68(255)
85.3	9.3	56	56	24	24	71	35	41	13	(37)	68	8	64	19
		63	5	68	24(105)	21	21	59	59		5	62	24	68(254)

HA= 54.5 HI= 55.8 GGW= 19.6 SL= 0.0 MAX(A,B,C,D)= 6.6 5.8 6.3 6.3

Main boom and fixed jib (jib angle 40.0 degrees)
 Length of main boom = 68.6 ft Length of jib = 55.8 ft
 Main boom sequence = 0-0-0-0-0-90 % LK = 13

Counterweight = 19.6 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.						
	1(0)		2(...)		3(90)		6(...)								
A	B	C	D	A	B	C	D	A	B	C	D				
52.5	14.6	48	48	35	35	49	46	36	34	(8)	53	27	52	33	
		53	27	52	33	(90)	32	32	50	50	27	53	33	52	(270)
59.1	13.9	50	50	32	32	56	42	38	28	(24)	57	22	56	29	
		56	21	56	30	(96)	30	30	53	53	21	56	30	57	(263)
65.6	13.2	52	52	29	29	62	39	40	23	(31)	61	18	59	26	
		58	16	61	29	(103)	27	27	55	55	15	57	29	61	(256)
72.2	12.3	54	54	27	27	66	38	40	19	(33)	65	14	61	23	
		59	11	65	28	(106)	24	24	57	57	11	59	28	65	(253)
78.7	11.7	56	56	24	24	70	36	41	15	(36)	68	10	64	20	
		63	7	67	24	(104)	22	22	59	59	7	63	25	68	(255)
85.3	9.9	56	56	24	24	71	35	41	13	(37)	69	9	64	19	
		63	5	68	24	(105)	21	21	59	59	5	62	24	68	(254)
91.9	8.2	56	56	23	23	71	34	41	13	(37)	68	8	64	18	
		63	4	68	23	(105)	20	20	59	59	4	62	24	68	(254)
98.4	6.8	56	56	22	22	72	33	41	11	(38)	69	6	65	17	
		63	2	69	23	(106)	19	19	60	60	2	62	23	69	(253)

HA= 68.6 HI= 55.8 GGW= 19.6 SL= 0.0 MAX(A,B,C,D)= 6.7 5.8 6.4 6.4

Main boom and fixed jib (jib angle 40.0 degrees)

Length of main boom = 70.2 ft Length of jib = 55.8 ft

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

Counterweight = 19.6 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.						
	1(0)		2(...)		3(90)		6(...)								
A	B	C	D	A	B	C	D	A	B	C	D				
52.5	13.9	47	47	35	35	47	47	35	35	(1)	51	28	51	34	
		51	28	51	34	(90)	33	33	49	49	28	51	34	51	(270)
59.1	12.8	49	49	33	33	53	43	37	30	(18)	55	24	54	30	
		54	24	54	31	(91)	30	30	51	51	24	54	31	54	(268)
65.6	11.9	50	50	31	31	58	41	38	25	(27)	58	20	56	28	
		56	19	58	30	(99)	28	28	53	53	19	56	30	58	(260)
72.2	11.0	52	52	28	28	62	38	39	22	(32)	61	17	59	25	
		58	14	61	28	(103)	26	26	55	55	14	57	28	61	(256)
78.7	10.1	54	54	26	26	65	37	39	19	(33)	64	13	61	22	
		59	10	64	27	(106)	24	24	57	57	10	58	28	64	(253)
85.3	9.5	56	56	24	24	69	35	40	15	(36)	67	10	63	20	
		62	7	67	24	(104)	21	21	58	58	6	62	25	67	(255)
91.9	8.2	56	56	23	23	70	34	41	13	(37)	68	8	64	18	
		62	4	68	24	(105)	20	20	59	59	4	62	24	68	(254)
98.4	6.8	56	56	22	22	71	33	41	12	(38)	69	7	64	17	
		62	3	69	23	(106)	19	19	59	59	3	62	24	69	(253)

HA= 70.2 HI= 55.8 GGW= 19.6 SL= 0.0 MAX(A,B,C,D)= 6.6 5.8 6.4 6.4

Main boom and fixed jib (jib angle 40.0 degrees)

Length of main boom = 82.3 ft Length of jib = 55.8 ft
 Main boom sequence = 0-0-0-0-45-90 % LK = 20
 Counterweight = 19.6 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]								(Pos.[Degrees])				0-360 Degr.	
		1(0)				2(...)				3(90)					
		A	B	C	D	A	B	C	D	A	B	C	D		
52.5	14.6	48	48	35	35	50	45	36	33	33(9)	53	27	52	33	
		53	27	52	33	32	32	50	50	27(90)	27	53	33	52	(270)
59.1	14.1	50	50	32	32	57	42	39	27	27(25)	58	22	56	29	
		56	21	57	30	29	29	53	53	21(97)	21	56	30	57	(262)
65.6	13.4	53	53	29	29	62	39	40	22	22(32)	62	17	59	25	
		58	15	62	29	26	26	55	55	15(103)	15	58	29	62	(256)
72.2	12.8	55	55	26	26	67	38	40	18	18(34)	66	13	62	22	
		62	11	65	26	24	24	58	58	10(102)	10	62	26	65	(257)
78.7	11.7	56	56	25	25	70	36	41	15	15(36)	68	10	64	20	
		63	7	67	24	22	22	59	59	7(104)	7	63	25	68	(255)
85.3	9.9	56	56	24	24	71	35	41	14	14(37)	68	9	64	19	
		63	5	68	24	21	21	59	59	5(105)	5	62	24	68	(254)
91.9	8.4	56	56	23	23	71	34	41	13	13(37)	69	8	64	18	
		63	4	68	23	20	20	59	59	4(105)	4	62	24	69	(254)
98.4	6.8	56	56	22	22	71	34	40	12	12(37)	68	7	64	17	
		63	3	68	23	19	19	59	59	3(105)	3	62	23	68	(254)
105.0	5.7	56	56	22	22	72	33	41	11	11(38)	69	6	65	16	
		63	2	69	22	19	19	60	60	1(106)	1	62	23	69	(253)
111.5	4.6	57	57	21	21	73	32	41	9	9(39)	70	4	65	15	
		63	0	70	22	18	18	60	60	0(107)	0	62	22	70	(252)

HA= 82.3 HI= 55.8 GGW= 19.6 SL= 0.0 MAX(A,B,C,D)= 6.8 5.8 6.5 6.5

Main boom and fixed jib (jib angle 40.0 degrees)

Length of main boom = 84.0 ft Length of jib = 55.8 ft
 Main boom sequence = 0-0-0-0-45-100 % LK = 21
 Counterweight = 19.6 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]								(Pos.[Degrees])				0-360 Degr.	
		1(0)				2(...)				3(90)					
		A	B	C	D	A	B	C	D	A	B	C	D		
59.1	13.2	49	49	33	33	54	43	38	29	29(21)	56	23	54	30	
		55	23	55	30	30	30	52	52	23(93)	23	55	31	55	(266)
65.6	12.1	51	51	30	30	59	40	39	25	25(28)	59	20	57	27	
		56	18	58	29	28	28	54	54	18(100)	18	56	30	59	(259)
72.2	11.5	53	53	28	28	63	37	40	21	21(34)	62	16	60	24	
		58	13	62	28	25	25	56	56	13(105)	13	58	29	63	(254)
78.7	10.6	54	54	26	26	67	37	40	17	17(34)	65	13	62	22	
		61	10	64	25	23	23	57	57	10(102)	10	61	26	65	(257)
85.3	9.9	56	56	24	24	71	35	41	14	14(37)	68	9	64	19	
		63	5	68	24	21	21	59	59	5(105)	5	62	25	68	(254)
91.9	8.4	56	56	23	23	71	34	41	13	13(37)	69	8	64	18	
		63	4	68	23	20	20	59	59	4(105)	4	62	24	68	(254)
98.4	7.1	56	56	22	22	72	33	41	12	12(38)	69	7	65	17	
		63	3	69	23	19	19	59	59	2(106)	2	62	24	69	(253)

105.0 5.7 56 56 22 22 72 33 41 11(38) 69 6 65 17
 63 2 69 22(106) 19 19 59 59 2 62 23 69(253)
 111.5 4.6 56 56 21 21 72 32 40 10(38) 69 5 65 16
 63 1 69 22(106) 18 18 60 60 0 62 22 70(253)

 HA= 84.0 HI= 55.8 GGW= 19.6 SL= 0.0 MAX(A,B,C,D)= 6.7 5.8 6.5 6.5

Main boom and fixed jib (jib angle 40.0 degrees)
 Length of main boom = 96.5 ft Length of jib = 55.8 ft
 Main boom sequence = 0-0-0-0-90-90 % LK = 28
 Counterweight = 19.6 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]								(Pos.[Degrees])				0-360 Degr.
		1(0)		2(...)				3(90)		4(...)				
		A	B	C	D	A	B	C	D	A	B	C	D	
59.1	13.9	50	50	32	32	56	42	38	27(24)	57	22	56	29	
		56	21	57	30(96)	29	29	53	53	21	56	30	57(263)	
65.6	13.4	53	53	29	29	63	39	40	22(32)	62	17	59	25	
		58	15	62	29(103)	26	26	56	56	15	58	29	62(256)	
72.2	13.0	55	55	26	26	68	37	41	17(35)	66	13	63	22	
		62	10	66	26(103)	24	24	58	58	10	62	26	66(256)	
78.7	11.7	56	56	24	24	70	36	41	15(36)	68	10	64	20	
		63	7	68	24(104)	22	22	59	59	7	63	25	68(255)	
85.3	9.9	56	56	24	24	71	35	41	14(37)	68	9	64	19	
		63	5	68	24(105)	21	21	59	59	5	62	24	68(254)	
91.9	8.4	56	56	23	23	71	34	41	13(37)	69	8	64	18	
		63	4	68	23(105)	20	20	59	59	4	62	24	68(254)	
98.4	7.1	56	56	22	22	72	33	41	12(38)	69	7	65	17	
		63	3	69	23(106)	19	19	60	60	3	62	24	69(253)	
105.0	5.7	56	56	22	22	72	33	41	11(38)	69	6	65	17	
		63	2	69	23(106)	19	19	59	59	2	62	23	69(253)	
111.5	4.9	57	57	21	21	73	32	41	9(39)	70	4	65	15	
		63	0	70	22(107)	18	18	60	60	0	62	22	70(252)	
118.1	3.7	56	56	21	21	73	31	41	9(39)	70	4	65	15	
		62	0	71	21(107)	17	17	60	60	0	62	21	71(252)	

 HA= 96.5 HI= 55.8 GGW= 19.6 SL= 0.0 MAX(A,B,C,D)= 6.8 5.8 6.6 6.6

Main boom and fixed jib (jib angle 40.0 degrees)
 Length of main boom = 100.4 ft Length of jib = 55.8 ft
 Main boom sequence = 0-0-0-0-100-100 % LK = 29
 Counterweight = 19.6 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]								(Pos.[Degrees])				0-360 Degr.
		1(0)		2(...)				3(90)		4(...)				
		A	B	C	D	A	B	C	D	A	B	C	D	
59.1	13.2	49	49	33	33	54	43	38	29(21)	56	23	55	30	
		55	23	55	30(94)	30	30	52	52	22	55	31	55(265)	
65.6	12.3	51	51	30	30	59	40	39	24(29)	59	19	57	27	
		57	17	59	29(101)	27	27	54	54	17	56	30	59(258)	
72.2	11.7	53	53	28	28	64	39	39	20(32)	63	15	60	24	
		58	12	63	28(105)	25	25	56	56	12	58	28	63(254)	

78.7	11.0	55	55	25	25	68	37	40	16(35)	66	11	63	21
		62	9	66	25(103)	23	23	58	58	8	62	25	66(256)
85.3	9.9	56	56	24	24	71	35	41	14(37)	68	9	64	19
		63	5	68	24(105)	21	21	59	59	5	62	25	68(254)
91.9	8.4	56	56	23	23	71	34	41	13(37)	69	8	64	18
		63	4	68	24(105)	20	20	59	59	4	62	24	68(254)
98.4	7.1	56	56	22	22	71	33	41	12(38)	69	7	65	17
		63	3	69	23(106)	19	19	59	59	3	62	24	69(253)
105.0	5.7	56	56	22	22	71	33	41	11(38)	69	6	64	17
		62	2	69	23(106)	19	19	59	59	2	62	23	69(253)
111.5	4.9	56	56	21	21	73	32	40	10(38)	70	5	65	16
		63	0	70	22(106)	18	18	60	60	0	63	22	70(253)
118.1	3.7	56	56	21	21	73	31	41	9(39)	70	4	65	15
		62	0	70	22(107)	17	17	60	60	0	62	22	70(252)
124.7	2.9	56	56	20	20	73	31	41	8(39)	70	3	65	14
		62	0	72	20(107)	17	17	60	60	0	61	20	72(252)

 HA=100.4 HI= 55.8 GGW= 19.6 SL= 0.0 MAX(A,B,C,D)= 6.8 5.8 6.7 6.7

Main boom and fixed jib (jib angle 40.0 degrees)
 Length of main boom = 110.2 ft Length of jib = 55.8 ft
 Main boom sequence = 0-0-0-45-90-90 % LK = 36
 Counterweight = 19.6 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.
	1(0)		2(...)		3(90)		6(...)		
	A	B C D	A B C D	A B C D	A B C D	A B C D			
65.6	13.4	53 53 29 29	63 39 40 21(33)	62 17 60 25					
		58 14 62 29(104)	26 26 56 56	14 58 29 63(255)					
72.2	13.0	56 56 26 26	69 37 41 17(35)	67 12 63 21					
		63 9 66 25(103)	23 23 58 58	9 62 26 66(256)					
78.7	11.5	56 56 24 24	71 35 41 15(37)	68 10 64 19					
		63 6 68 25(105)	22 22 59 59	6 62 25 68(254)					
85.3	9.7	56 56 24 24	71 35 41 13(37)	69 9 64 19					
		63 5 68 24(105)	21 21 59 59	5 63 24 68(254)					
91.9	8.2	56 56 23 23	71 34 41 12(37)	69 7 65 18					
		63 4 68 23(105)	20 20 59 59	4 63 24 69(254)					
98.4	6.8	56 56 22 22	72 33 41 11(38)	69 6 65 17					
		63 2 69 23(106)	19 19 60 60	2 62 23 69(253)					
105.0	5.5	56 56 22 22	72 33 41 11(38)	69 6 65 16					
		63 2 69 22(106)	19 19 59 59	2 62 23 69(253)					
111.5	4.6	57 57 21 21	73 32 41 9(39)	70 4 65 15					
		63 0 70 22(107)	17 17 60 60	0 62 22 71(252)					
118.1	3.5	56 56 20 20	73 31 41 9(39)	70 4 65 15					
		62 0 71 21(107)	17 17 60 60	0 61 21 71(252)					
124.7	2.4	56 56 20 20	73 31 40 9(39)	69 4 65 15					
		62 0 71 21(107)	17 17 60 60	0 61 21 71(252)					

 HA=110.2 HI= 55.8 GGW= 19.6 SL= 0.0 MAX(A,B,C,D)= 6.8 5.8 6.6 6.6

Main boom and fixed jib (jib angle 40.0 degrees)
 Length of main boom = 114.5 ft Length of jib = 55.8 ft
 Main boom sequence = 0-0-0-45-100-100 % LK = 37

Counterweight = 19.6 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
	1(0)				2(...)					3(90)			
	4(...)				5(180)					6(...)			
A	B	C	D	A	B	C	D	A	B	C	D		
65.6	12.6	52	52	30	30	61	39	40	23(31)	60	18	58	26
		57	16	60	29(102)	27	27	55	55	16	57	29	60(257)
72.2	11.9	54	54	27	27	65	38	40	19(33)	64	14	61	23
		59	11	64	28(106)	24	24	57	57	11	59	28	65(253)
78.7	11.2	56	56	25	25	70	36	41	15(36)	68	10	64	20
		63	7	67	25(104)	22	22	59	59	7	62	25	67(255)
85.3	9.7	56	56	24	24	71	35	41	13(37)	69	9	64	19
		63	5	68	24(105)	21	21	59	59	5	62	24	68(254)
91.9	8.2	56	56	23	23	71	34	41	13(37)	69	7	64	18
		63	4	68	23(105)	20	20	59	59	4	63	24	69(254)
98.4	6.8	56	56	22	22	72	33	41	11(38)	69	6	65	17
		63	2	69	23(106)	19	19	60	60	2	62	23	69(253)
105.0	5.5	56	56	22	22	72	33	41	11(38)	69	6	65	17
		63	2	69	23(106)	19	19	59	59	2	62	23	69(253)
111.5	4.6	57	57	21	21	73	32	41	9(39)	70	4	65	15
		63	0	70	22(107)	18	18	60	60	0	62	22	70(252)
118.1	3.5	56	56	21	21	73	31	41	9(39)	70	4	65	15
		62	0	70	21(107)	17	17	60	60	0	62	22	71(252)
124.7	2.6	56	56	20	20	73	31	41	8(39)	70	3	65	14
		61	0	71	20(107)	17	17	60	60	0	61	20	72(252)

HA=114.5 HI= 55.8 GGW= 19.6 SL= 0.0 MAX(A,B,C,D)= 6.8 5.8 6.6 6.7

Main boom and fixed jib (jib angle 40.0 degrees)

Length of main boom = 124.3 ft Length of jib = 55.8 ft

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

Counterweight = 19.6 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
	1(0)				2(...)					3(90)			
	4(...)				5(180)					6(...)			
A	B	C	D	A	B	C	D	A	B	C	D		
65.6	13.4	54	54	28	28	64	38	41	21(34)	63	16	60	24
		59	13	63	29(105)	26	26	56	56	13	58	29	63(254)
72.2	13.0	56	56	26	26	69	37	41	16(36)	68	11	63	21
		63	8	67	26(104)	23	23	59	59	8	62	26	67(255)
78.7	11.2	57	57	24	24	71	35	41	14(37)	69	9	64	19
		63	6	68	25(105)	21	21	59	59	6	63	25	68(254)
85.3	9.5	56	56	23	23	71	35	41	13(37)	69	8	64	18
		63	5	68	24(105)	21	21	59	59	4	63	24	69(254)
91.9	7.9	56	56	23	23	72	34	41	12(38)	69	7	65	18
		63	3	69	24(106)	20	20	60	60	3	62	24	69(253)
98.4	6.6	56	56	22	22	72	33	41	11(38)	69	6	65	17
		63	2	69	23(106)	19	19	60	60	2	62	23	69(253)
105.0	5.3	56	56	22	22	72	33	41	11(38)	69	6	65	16
		63	1	69	22(106)	18	18	60	60	1	62	23	69(253)
111.5	4.4	57	57	21	21	73	32	41	9(39)	70	4	65	15
		63	0	71	22(107)	17	17	60	60	0	62	22	71(252)

118.1 3.3 57 57 20 20 73 31 41 9(39) 70 4 65 15
 62 0 71 21(107) 17 17 60 60 0 61 21 71(252)
 124.7 2.2 56 56 20 20 73 31 40 9(39) 69 3 65 15
 61 0 71 21(107) 17 17 60 60 0 61 21 71(252)

 HA=124.3 HI= 55.8 GGW= 19.6 SL= 0.0 MAX(A,B,C,D)= 6.8 5.8 6.6 6.6

Main boom and fixed jib (jib angle 40.0 degrees)
 Length of main boom = 130.9 ft Length of jib = 55.8 ft
 Main boom sequence = 0-0-0-100-100-100 % LK = 46
 Counterweight = 19.6 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.			
		1(0)				2(...)							
		4(...)				5(180)				6(...)			
		A	B	C	D	A	B	C	D	A	B	C	D
72.2	11.9	54	54	27	27	66	37	40	18(34)	65	13	62	22
		59	10	65	28(107)	24	24	57	57	10	59	28	65(252)
78.7	11.2	57	57	24	24	71	35	41	14(37)	69	9	64	19
		63	6	68	25(105)	21	21	59	59	6	63	25	68(254)
85.3	9.5	56	56	23	23	71	35	41	13(37)	69	8	64	18
		63	5	68	24(105)	21	21	60	60	4	63	24	69(254)
91.9	7.9	56	56	23	23	72	34	41	12(38)	69	7	65	17
		63	3	69	24(106)	20	20	60	60	3	62	24	69(253)
98.4	6.6	57	57	22	22	72	33	41	11(38)	69	6	65	17
		63	2	69	23(106)	19	19	60	60	2	62	23	69(253)
105.0	5.3	56	56	22	22	72	33	41	11(38)	69	6	65	16
		63	1	69	22(106)	18	18	60	60	1	62	23	69(253)
111.5	4.4	57	57	21	21	73	32	41	9(39)	70	4	65	15
		63	0	71	22(107)	17	17	60	60	0	62	22	71(252)
118.1	3.3	56	56	20	20	73	31	41	9(39)	70	4	65	15
		62	0	71	21(107)	17	17	60	60	0	61	21	71(252)
124.7	2.2	56	56	20	20	72	31	40	9(39)	69	4	65	15
		61	0	70	21(107)	17	17	60	60	0	61	21	71(252)

 HA=130.9 HI= 55.8 GGW= 19.6 SL= 0.0 MAX(A,B,C,D)= 6.8 5.8 6.6 6.6

Main boom and fixed jib (jib angle 40.0 degrees)
 Length of main boom = 138.1 ft Length of jib = 55.8 ft
 Main boom sequence = 0-0-45-90-90-90 % LK = 54
 Counterweight = 19.6 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.			
		1(0)				2(...)							
		4(...)				5(180)				6(...)			
		A	B	C	D	A	B	C	D	A	B	C	D
72.2	13.0	57	57	25	25	71	36	41	15(36)	69	10	64	20
		64	7	68	25(104)	22	22	60	60	7	63	25	68(255)
78.7	10.8	57	57	24	24	71	35	41	14(37)	69	9	64	19
		63	6	68	24(105)	21	21	59	59	6	63	25	68(254)
85.3	9.0	56	56	23	23	71	35	41	13(37)	69	8	65	18
		63	4	68	24(105)	20	20	60	60	4	63	24	69(254)
91.9	7.3	56	56	23	23	71	34	40	12(37)	69	7	64	18
		63	4	68	23(105)	20	20	59	59	4	62	24	68(254)

98.4	6.0	56	56	22	22	71	33	41	11(38)	69	6	65	17
		63	2	69	23(106)	19	19	59	59	2	62	23	69(253)
105.0	4.6	56	56	22	22	71	32	40	11(38)	69	6	64	16
		62	2	69	22(106)	18	18	59	59	2	62	23	69(253)
111.5	3.5	56	56	21	21	72	32	40	10(38)	69	5	65	16
		62	1	69	22(106)	18	18	59	59	1	62	22	69(253)
118.1	2.4	56	56	21	21	71	32	40	10(38)	69	4	64	15
		62	0	69	22(106)	17	17	59	59	0	62	22	69(253)

HA=138.1 HI= 55.8 GGW= 19.6 SL= 0.0 MAX(A,B,C,D)= 6.7 5.9 6.4 6.4

Main boom and fixed jib (jib angle 40.0 degrees)

Length of main boom = 145.0 ft Length of jib = 55.8 ft

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

Counterweight = 19.6 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.			
		1(0)				2(...)							
		4(...)				5(180)				6(...)			
		A	B	C	D	A	B	C	D	A	B	C	D
72.2	11.9	55	55	26	26	68	37	41	17(35)	66	13	62	22
		62	9	65	26(103)	23	23	58	58	9	61	26	65(256)
78.7	10.6	56	56	24	24	70	36	41	15(36)	68	10	64	19
		63	6	67	24(104)	22	22	59	59	6	63	25	68(255)
85.3	8.8	56	56	24	24	71	35	41	13(37)	68	8	64	19
		63	5	68	24(105)	21	21	59	59	5	62	24	68(254)
91.9	7.3	56	56	23	23	71	34	40	12(37)	69	7	64	18
		63	4	68	23(105)	20	20	59	59	4	62	24	68(254)
98.4	5.7	56	56	22	22	71	34	40	12(37)	68	7	64	17
		62	3	68	23(105)	19	19	59	59	3	62	23	68(254)
105.0	4.6	56	56	22	22	71	33	40	11(38)	69	6	64	16
		62	2	69	22(106)	18	18	59	59	2	62	23	69(253)
111.5	3.3	55	55	21	21	71	32	40	11(38)	68	6	64	16
		62	2	68	22(106)	18	18	59	59	1	61	23	68(253)
118.1	2.4	56	56	21	21	71	32	40	10(38)	69	4	64	15
		62	0	69	22(106)	17	17	59	59	0	62	22	69(253)

HA=145.0 HI= 55.8 GGW= 19.6 SL= 0.0 MAX(A,B,C,D)= 6.6 5.8 6.4 6.4

Main boom and fixed jib (jib angle 40.0 degrees)

Length of main boom = 152.2 ft Length of jib = 55.8 ft

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

Counterweight = 19.6 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.			
		1(0)				2(...)							
		4(...)				5(180)				6(...)			
		A	B	C	D	A	B	C	D	A	B	C	D
72.2	12.1	56	56	25	25	69	36	41	16(36)	67	11	63	21
		63	8	67	25(104)	22	22	59	59	8	62	26	67(255)
78.7	9.9	56	56	24	24	69	36	41	15(36)	67	10	63	20
		62	7	67	24(104)	22	22	59	59	7	62	25	67(255)
85.3	8.2	56	56	24	24	70	34	41	14(37)	67	9	63	19
		62	5	67	24(105)	21	21	59	59	5	62	24	67(254)

91.9	6.4	55	55	23	23	69	34	40	13(37)	67	8	63	18
		62	5	67	24(105)	20	20	58	58	5	61	24	67(254)
98.4	5.1	55	55	22	22	70	34	40	12(37)	67	7	63	17
		62	4	67	23(105)	19	19	58	58	3	61	23	67(254)
105.0	3.7	55	55	22	22	70	33	40	12(37)	67	7	63	17
		62	3	67	22(105)	19	19	58	58	3	61	23	67(254)
111.5	2.6	55	55	22	22	70	33	39	11(37)	67	6	63	17
		62	2	67	22(105)	18	18	58	58	2	61	22	67(254)

 HA=152.2 HI= 55.8 GGW= 19.6 SL= 0.0 MAX(A,B,C,D)= 6.5 5.8 6.2 6.3

Main boom and fixed jib (jib angle 40.0 degrees)
 Length of main boom = 161.4 ft Length of jib = 55.8 ft
 Main boom sequence = 0-0-100-100-100-100 % LK = 63
 Counterweight = 19.6 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
	1(0)				2(...)								
	3(90)				4(...)								
	A	B	C	D	A	B	C	D	A	B	C	D	
78.7	9.5	55	55	25	25	68	36	40	16(35)	66	11	63	20
		62	8	66	24(103)	22	22	58	58	8	62	25	66(256)
85.3	7.7	55	55	24	24	68	35	40	15(36)	67	10	63	19
		62	6	66	24(104)	21	21	58	58	6	61	24	66(255)
91.9	6.2	55	55	23	23	69	35	40	14(36)	67	9	63	19
		62	5	66	23(104)	20	20	58	58	5	61	24	67(255)
98.4	4.9	55	55	23	23	69	34	40	13(37)	67	7	63	18
		61	4	67	23(105)	20	20	58	58	4	61	24	67(254)
105.0	3.5	55	55	22	22	69	33	40	12(37)	67	7	63	17
		61	4	67	23(105)	19	19	58	58	3	61	23	67(254)
111.5	2.4	54	54	22	22	69	33	39	12(37)	67	6	63	17
		61	3	67	22(105)	19	19	58	58	3	61	23	67(254)

 HA=161.4 HI= 55.8 GGW= 19.6 SL= 0.0 MAX(A,B,C,D)= 6.4 5.7 6.2 6.2

Main boom and fixed jib (jib angle 40.0 degrees)
 Length of main boom = 166.0 ft Length of jib = 55.8 ft
 Main boom sequence = 0-45-90-90-90-90 % LK = 68
 Counterweight = 19.6 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
	1(0)				2(...)								
	3(90)				4(...)								
	A	B	C	D	A	B	C	D	A	B	C	D	
78.7	8.6	54	54	25	25	67	36	40	16(35)	65	11	62	21
		61	8	65	25(103)	22	22	57	57	8	61	25	65(256)
85.3	6.8	54	54	24	24	67	35	39	15(35)	65	10	62	20
		61	7	65	24(103)	21	21	57	57	7	61	24	65(256)
91.9	5.3	54	54	24	24	68	34	40	14(36)	66	9	62	19
		61	6	65	24(104)	21	21	57	57	6	60	24	66(255)
98.4	4.0	54	54	23	23	68	34	39	13(36)	66	8	62	18
		61	5	66	23(104)	20	20	58	58	4	61	23	66(255)
105.0	2.6	54	54	23	23	68	34	39	13(36)	66	7	62	18
		61	4	66	22(104)	19	19	57	57	4	60	23	66(255)

 HA=166.0 HI= 55.8 GGW= 19.6 SL= 0.0 MAX(A,B,C,D)= 6.3 5.6 6.1 6.1

 HA=166.0 HI= 55.8 GGW= 19.6 SL= 0.0 MAX(A,B,C,D)= 0.0 0.0 0.0 0.0

 HA=166.0 HI= 55.8 GGW= 19.6 SL= 0.0 MAX(A,B,C,D)= 0.0 0.0 0.0 0.0

 HA=166.0 HI= 55.8 GGW= 19.6 SL= 0.0 MAX(A,B,C,D)= 0.0 0.0 0.0 0.0

 HA=166.0 HI= 55.8 GGW= 19.6 SL= 0.0 MAX(A,B,C,D)= 0.0 0.0 0.0 0.0

 HA=166.0 HI= 55.8 GGW= 19.6 SL= 0.0 MAX(A,B,C,D)= 0.0 0.0 0.0 0.0

 HA=166.0 HI= 55.8 GGW= 19.6 SL= 0.0 MAX(A,B,C,D)= 0.0 0.0 0.0 0.0

Programm L A M O S 9 9 Version 1.08 vom 29.09.02
 14.10.2003, 15:37:22
 Eingabedatei: ilam.dat
 Festdatei : /berechnung/tabellen/zentraledaten/lamosfd-ac/200-1.99dat
 Tabellendat.: /berechnung/tabellen/ac/ac200-1/serie_3/pc_tab/22137312_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 = 55.8 ft
 Main boom sequence = 0-0-0-0-0-0 % LK = 1
 Counterweight = 12.6 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.
	1(0)		2(...)		3(90)		6(...)		
	A	B	C	D	A	B	C	D	
9.8 33.1	41	41	47	47	39	45	44	48	(59) 40 47 42 48
	42	47	42	46	(128) 45	45	43	43	47 42 46 42(232)
11.5 32.6	42	42	46	46	41	44	44	46	(59) 42 44 44 46
	43	45	44	45	(127) 44	44	44	44	45 43 45 44(232)
13.1 32.2	43	43	44	44	44	43	45	44	(59) 44 42 45 44
	43	42	46	45	(127) 43	43	45	45	42 43 45 46(232)
14.8 31.5	44	44	43	43	46	41	46	42	(59) 45 40 47 43
	44	40	47	44	(128) 41	41	46	46	40 44 44 47(232)

16.4	30.9	45	45	42	42	48	40	46	40(59)	47	38	48	41
		45	37	49	43(128)	40	40	47	47	37	45	43	49(232)
19.7	29.8	47	47	39	39	52	38	47	36(59)	50	34	50	38
		46	33	52	42(128)	37	37	49	49	33	46	42	52(232)
23.0	28.2	49	49	37	37	55	35	48	33(59)	53	30	53	35
		53	30	53	35(90)	35	35	51	51	30	53	35	53(270)
26.2	26.9	50	50	35	35	54	46	38	32(16)	56	27	55	33
		56	27	55	33(90)	33	33	52	52	27	56	33	55(270)
29.5	25.4	51	51	33	33	57	44	39	29(23)	58	24	56	30
		57	23	57	31(95)	31	31	53	53	23	57	32	57(264)
32.8	24.0	52	52	31	31	60	42	40	26(28)	60	21	58	28
		58	19	60	30(100)	29	29	55	55	19	58	31	60(259)
39.4	21.8	54	54	28	28	66	38	41	20(35)	64	16	61	24
		60	13	64	28(105)	26	26	57	57	13	59	29	64(254)
45.9	19.8	56	56	25	25	70	36	41	16(36)	68	11	64	21
		63	8	67	25(104)	22	22	59	59	8	62	26	67(255)
52.5	16.5	56	56	24	24	70	35	41	14(37)	68	9	64	19
		62	6	68	24(105)	21	21	59	59	5	62	25	68(254)
59.1	13.4	55	55	23	23	70	34	40	13(37)	67	8	63	18
		62	4	67	23(105)	20	20	58	58	4	61	24	67(254)
65.6	10.8	54	54	22	22	69	33	40	13(37)	66	7	63	18
		61	4	67	23(105)	19	19	58	58	4	60	23	67(254)
72.2	9.0	54	54	22	22	69	32	39	11(37)	67	6	63	17
		61	2	67	22(105)	18	18	58	58	2	61	22	67(254)
78.7	7.5	54	54	21	21	69	31	39	10(38)	67	5	63	16
		61	1	67	22(106)	17	17	58	58	1	60	22	67(253)

 HA= 40.7 HI= 55.8 GGW= 12.6 SL= 0.0 MAX(A,B,C,D)= 6.5 5.8 6.3 6.3

Main boom and fixed jib (jib angle 0.0 degrees)

Length of main boom = 54.5 ft Length of jib = 55.8 ft

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

Counterweight = 12.6 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
	1(0)		2(...)		3(90)		6(...)						
	A	B	C	D	A	B	C	D					
13.1	30.9	43	43	45	45	43	43	45	44(59)	43	43	45	45
		43	43	45	45(127)	43	43	45	45	43	43	45	45(232)
14.8	30.4	44	44	43	43	45	41	45	43(59)	45	40	46	43
		43	40	46	44(128)	41	41	46	46	40	43	44	46(232)
16.4	30.0	45	45	42	42	47	40	46	41(59)	46	38	47	41
		44	38	48	43(128)	40	40	47	47	38	44	43	48(232)
19.7	29.1	47	47	39	39	51	38	47	37(59)	50	34	50	38
		45	33	52	42(128)	37	37	49	49	33	45	42	52(232)
23.0	28.2	49	49	37	37	55	36	48	33(59)	53	31	52	35
		53	31	52	35(90)	35	35	50	50	31	53	35	52(270)
26.2	27.1	50	50	35	35	53	46	38	33(15)	56	27	55	33
		56	27	55	33(90)	33	33	52	52	27	56	33	55(270)
29.5	26.0	51	51	33	33	58	43	39	29(24)	58	24	57	30
		57	23	58	32(96)	31	31	54	54	23	57	32	58(263)
32.8	24.9	53	53	31	31	61	42	40	25(29)	61	21	58	28
		58	19	60	30(101)	29	29	55	55	19	58	31	61(258)

39.4	22.5	55	55	28	28	66	38	41	20(35)	65	16	61	24
		60	13	65	29(106)	26	26	57	57	13	59	29	65(253)
45.9	20.9	57	57	25	25	71	36	42	15(37)	69	10	65	20
		63	7	68	25(105)	22	22	60	60	7	63	26	69(254)
52.5	17.0	56	56	24	24	71	35	41	14(37)	68	9	64	19
		63	6	68	24(105)	21	21	59	59	5	62	25	68(254)
59.1	13.7	55	55	23	23	69	34	40	13(37)	67	8	63	18
		62	5	67	24(105)	20	20	58	58	4	61	24	67(254)
65.6	11.2	55	55	22	22	69	33	40	12(37)	67	7	63	17
		61	4	67	23(105)	19	19	58	58	3	61	23	67(254)
72.2	9.3	54	54	22	22	69	33	39	12(37)	67	6	63	17
		61	3	67	22(105)	19	19	58	58	2	60	23	67(254)
78.7	7.7	54	54	21	21	69	32	39	11(37)	67	5	63	16
		61	2	67	22(105)	18	18	58	58	1	60	22	67(254)
85.3	6.4	54	54	21	21	69	31	39	10(38)	67	4	63	15
		60	0	67	21(106)	17	17	58	58	0	60	22	67(253)
91.9	5.3	54	54	20	20	70	31	39	9(38)	67	4	63	15
		60	0	68	20(106)	16	16	58	58	0	60	21	68(253)

 HA= 54.5 HI= 55.8 GGW= 12.6 SL= 0.0 MAX(A,B,C,D)= 6.6 5.9 6.3 6.4

Main boom and fixed jib (jib angle 0.0 degrees)
 Length of main boom = 68.6 ft Length of jib = 55.8 ft
 Main boom sequence = 0-0-0-0-0-90 % LK = 13
 Counterweight = 12.6 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
	1(0)		2(...)		3(90)		6(...)						
	A	B	C	D	A	B	C	D					
16.4	28.2	44	44	42	42	45	40	45	41(59)	45	39	46	42
		43	38	47	43(128)	40	40	46	46	38	43	43	47(232)
19.7	27.6	46	46	40	40	49	38	46	37(59)	48	35	49	39
		44	34	50	42(128)	38	38	48	48	34	44	42	50(232)
23.0	26.9	47	47	38	38	53	36	47	34(59)	52	31	51	36
		52	31	51	36(90)	35	35	50	50	31	52	36	51(270)
26.2	26.2	49	49	35	35	52	47	38	34(11)	55	28	54	33
		55	28	54	33(90)	33	33	51	51	28	55	33	54(270)
29.5	25.6	51	51	34	34	56	44	39	29(22)	58	24	56	31
		57	24	57	32(95)	31	31	53	53	23	57	32	57(264)
32.8	24.5	52	52	32	32	60	42	40	26(28)	60	21	58	28
		58	20	60	30(99)	29	29	55	55	20	58	31	60(260)
39.4	22.7	55	55	28	28	66	38	41	20(35)	65	16	61	24
		60	13	65	29(106)	26	26	57	57	13	59	29	65(253)
45.9	20.9	57	57	25	25	71	37	41	15(36)	69	11	64	20
		64	7	68	25(104)	22	22	60	60	7	63	26	68(255)
52.5	17.4	57	57	24	24	71	35	41	14(37)	69	9	64	19
		63	5	68	24(105)	21	21	59	59	5	63	24	68(254)
59.1	13.9	55	55	23	23	69	34	40	13(37)	67	8	63	18
		62	5	67	24(105)	20	20	58	58	5	61	24	67(254)
65.6	11.5	55	55	22	22	69	33	40	12(37)	67	7	63	18
		61	4	67	23(105)	19	19	58	58	4	61	23	67(254)
72.2	9.5	54	54	22	22	69	33	39	12(37)	67	6	63	17
		61	3	67	22(105)	19	19	58	58	3	61	23	67(254)

78.7	7.7	54	54	21	21	69	32	39	11(37)	66	6	62	17
		60	2	66	22(105)	18	18	58	58	2	60	22	67(254)
85.3	6.4	54	54	21	21	69	32	39	11(37)	66	5	63	16
		60	1	67	21(105)	17	17	58	58	1	60	22	67(254)
91.9	5.3	54	54	20	20	69	31	39	10(38)	67	4	63	15
		60	0	67	21(106)	17	17	58	58	0	60	22	67(253)
98.4	4.4	54	54	20	20	70	30	39	9(38)	67	3	63	14
		60	0	68	20(106)	16	16	58	58	0	59	20	69(253)
105.0	3.5	54	54	19	19	70	30	39	8(38)	67	2	63	14
		59	0	69	19(106)	15	15	58	58	0	58	19	70(253)
111.5	2.6	54	54	19	19	69	30	38	8(38)	67	2	63	14
		58	0	69	18(106)	15	15	58	58	0	58	18	70(253)

HA= 68.6 HI= 55.8 GGW= 12.6 SL= 0.0 MAX(A,B,C,D)= 6.6 5.9 6.4 6.5

Main boom and fixed jib (jib angle 0.0 degrees)

Length of main boom = 70.2 ft Length of jib = 55.8 ft

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

Counterweight = 12.6 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.			
		1(0)		2(...)		3(90)		6(...)					
		4(...)		5(180)		6(...)							
		A	B	C	D	A	B	C	D				
16.4	28.0	43	43	42	42	45	40	45	41(59)	45	39	46	42
		43	39	47	43(128)	40	40	46	46	39	43	43	47(232)
19.7	27.3	45	45	40	40	49	38	46	38(59)	48	35	49	39
		44	34	50	42(128)	38	38	48	48	34	44	42	50(232)
23.0	26.7	47	47	38	38	53	36	47	34(59)	51	32	51	36
		51	32	51	36(90)	35	35	49	49	32	51	36	51(270)
26.2	26.0	49	49	35	35	51	47	37	34(10)	54	28	54	33
		54	28	54	33(90)	33	33	51	51	28	54	33	54(270)
29.5	25.4	51	51	34	34	56	44	39	30(22)	57	25	56	31
		57	24	56	32(94)	31	31	53	53	24	56	32	57(265)
32.8	24.0	52	52	32	32	59	42	39	26(27)	60	22	57	29
		58	20	59	31(99)	29	29	54	54	20	57	31	59(260)
39.4	21.4	54	54	29	29	64	39	41	22(33)	63	17	60	25
		59	14	63	29(104)	26	26	56	56	14	58	29	63(255)
45.9	18.5	54	54	27	27	66	37	40	18(34)	65	13	61	22
		59	10	65	28(107)	24	24	57	57	10	59	28	65(252)
52.5	17.0	56	56	24	24	70	35	41	14(36)	68	9	64	19
		63	6	67	24(104)	21	21	59	59	6	62	24	67(255)
59.1	14.1	56	56	23	23	70	34	40	13(37)	68	8	64	18
		62	4	67	24(105)	20	20	59	59	4	62	24	68(254)
65.6	11.5	55	55	22	22	69	33	40	13(37)	67	7	63	18
		61	4	67	23(105)	19	19	58	58	4	61	23	67(254)
72.2	9.5	54	54	22	22	69	33	39	12(37)	67	6	63	17
		61	3	67	22(105)	19	19	58	58	3	60	23	67(254)
78.7	7.9	54	54	21	21	69	32	39	11(37)	67	5	63	16
		61	2	67	22(105)	18	18	58	58	2	60	22	67(254)
85.3	6.4	54	54	21	21	69	32	39	11(37)	66	5	63	16
		60	1	66	21(105)	17	17	57	57	1	60	22	67(254)
91.9	5.3	54	54	20	20	69	31	39	10(38)	66	4	63	15
		60	0	67	21(106)	17	17	58	58	0	60	22	67(253)

98.4 4.4 54 54 20 20 70 30 39 9(38) 67 3 63 14
 60 0 68 20(106) 16 16 58 58 0 59 20 69(253)
 105.0 3.5 54 54 19 19 70 30 39 8(38) 67 2 63 14
 59 0 69 19(106) 15 15 58 58 0 58 19 69(253)
 111.5 2.6 54 54 19 19 69 30 38 8(38) 67 2 63 14
 58 0 69 18(106) 15 15 58 58 0 58 19 69(253)

 HA= 70.2 HI= 55.8 GGW= 12.6 SL= 0.0 MAX(A,B,C,D)= 6.5 5.8 6.4 6.5

Main boom and fixed jib (jib angle 0.0 degrees)

Length of main boom = 82.3 ft Length of jib = 55.8 ft

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

Counterweight = 12.6 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.			
		1(0)		2(...)		3(90)		6(...)					
		4(...)		5(180)		6(...)							
		A	B	C	D	A	B	C	D	A	B	C	D
19.7	26.7	45	45	40	40	49	38	46	38(59)	48	35	48	39
		44	34	50	42(128)	38	38	47	47	34	44	42	50(232)
23.0	26.0	47	47	38	38	52	36	47	34(59)	51	32	51	36
		51	32	51	36(90)	35	35	49	49	32	51	36	51(270)
26.2	25.4	49	49	35	35	51	47	37	34(9)	54	28	53	34
		54	28	53	34(90)	33	33	51	51	28	54	34	53(270)
29.5	24.9	51	51	34	34	56	44	39	30(21)	57	24	56	31
		56	24	56	32(94)	31	31	53	53	24	56	32	56(265)
32.8	24.3	52	52	32	32	60	42	40	26(28)	60	21	58	28
		58	20	60	30(100)	29	29	55	55	19	58	31	60(259)
39.4	22.9	55	55	28	28	67	39	41	20(33)	65	15	62	24
		60	12	65	28(106)	25	25	58	58	12	60	29	65(253)
45.9	21.4	58	58	25	25	72	36	42	14(37)	70	10	65	20
		64	6	69	25(105)	22	22	60	60	6	64	25	69(254)
52.5	17.2	57	57	24	24	71	35	41	13(37)	69	9	64	19
		63	5	68	24(105)	21	21	60	60	5	63	24	69(254)
59.1	13.9	56	56	23	23	70	34	40	13(37)	68	8	64	18
		62	4	67	23(105)	20	20	59	59	4	62	24	68(254)
65.6	11.2	55	55	22	22	69	33	40	12(37)	67	7	63	17
		61	4	67	23(105)	19	19	58	58	3	61	23	67(254)
72.2	9.3	54	54	22	22	69	33	39	11(37)	67	6	63	17
		61	2	67	22(105)	18	18	58	58	2	61	22	67(254)
78.7	7.5	54	54	21	21	69	32	39	11(37)	66	6	63	16
		61	2	67	22(105)	18	18	58	58	2	60	22	67(254)
85.3	6.2	54	54	21	21	69	31	39	10(38)	66	5	63	16
		60	1	67	22(106)	17	17	58	58	1	60	22	67(253)
91.9	5.1	54	54	20	20	69	31	39	9(38)	67	4	63	15
		60	0	67	21(106)	17	17	58	58	0	60	21	68(253)
98.4	4.2	54	54	20	20	70	30	39	8(38)	67	3	63	14
		59	0	69	19(106)	16	16	58	58	0	59	19	69(253)
105.0	3.1	54	54	19	19	69	30	39	9(38)	67	3	63	14
		59	0	68	19(106)	16	16	58	58	0	58	19	69(253)
111.5	2.2	53	53	19	19	69	30	38	8(38)	66	2	63	14
		58	0	69	19(106)	15	15	57	57	0	58	19	69(253)

 HA= 82.3 HI= 55.8 GGW= 12.6 SL= 0.0 MAX(A,B,C,D)= 6.7 5.9 6.4 6.5

 Main boom and fixed jib (jib angle 0.0 degrees)
 Length of main boom = 84.0 ft Length of jib = 55.8 ft
 Main boom sequence = 0-0-0-0-45-100 % LK = 21
 Counterweight = 12.6 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
		1(0)				2(...)					3(90)			
		4(...)				5(180)					6(...)			
A	B	C	D	A	B	C	D	A	B	C	D			
19.7	26.2	45	45	40	40	48	38	46	38(59)	47	35	48	39	
		44	34	49	42(128)	38	38	47	47	34	44	42	49(232)	
23.0	25.8	47	47	38	38	52	36	47	34(59)	51	32	51	36	
		51	32	51	36(90)	35	35	49	49	32	51	36	51(270)	
26.2	25.1	49	49	36	36	50	47	37	34(8)	54	28	53	34	
		54	28	53	34(90)	33	33	51	51	28	54	34	53(270)	
29.5	24.7	50	50	34	34	56	44	39	30(21)	57	25	55	31	
		56	24	56	31(93)	31	31	53	53	24	56	32	56(266)	
32.8	24.0	52	52	32	32	60	42	40	26(28)	60	21	58	28	
		58	20	59	30(99)	29	29	54	54	20	58	31	59(260)	
39.4	22.0	54	54	28	28	65	39	41	21(34)	64	16	61	24	
		60	13	64	29(105)	26	26	57	57	13	59	29	64(254)	
45.9	20.1	56	56	25	25	70	37	41	16(36)	68	11	63	21	
		63	8	67	25(104)	23	23	59	59	8	62	26	67(255)	
52.5	17.2	56	56	24	24	71	35	41	13(37)	69	9	64	19	
		63	5	68	24(105)	21	21	59	59	5	63	24	68(254)	
59.1	13.9	56	56	23	23	70	34	40	13(37)	68	8	64	18	
		62	4	67	23(105)	20	20	59	59	4	62	24	68(254)	
65.6	11.2	55	55	22	22	69	33	40	12(37)	67	7	63	17	
		61	4	67	23(105)	19	19	58	58	3	61	23	67(254)	
72.2	9.3	54	54	22	22	69	33	39	12(37)	67	6	63	17	
		61	3	67	22(105)	19	19	58	58	2	61	23	67(254)	
78.7	7.7	54	54	21	21	69	32	39	11(37)	67	5	63	16	
		61	2	67	22(105)	18	18	58	58	1	61	22	67(254)	
85.3	6.2	54	54	21	21	69	32	39	10(37)	66	5	63	16	
		61	1	67	21(105)	17	17	58	58	1	60	22	67(254)	
91.9	5.1	54	54	20	20	69	31	39	9(38)	67	4	63	15	
		60	0	67	21(106)	17	17	58	58	0	60	21	67(253)	
98.4	4.2	54	54	20	20	70	30	39	9(38)	67	3	63	14	
		59	0	69	19(106)	16	16	58	58	0	59	19	69(253)	
105.0	3.1	54	54	19	19	69	30	38	9(38)	67	3	63	14	
		59	0	68	19(106)	16	16	57	57	0	58	19	69(253)	
111.5	2.4	54	54	19	19	70	30	38	8(38)	67	2	63	13	
		58	0	70	18(106)	15	15	58	58	0	58	18	70(253)	

 HA= 84.0 HI= 55.8 GGW= 12.6 SL= 0.0 MAX(A,B,C,D)= 6.6 5.8 6.5 6.5

Main boom and fixed jib (jib angle 0.0 degrees)
 Length of main boom = 96.5 ft Length of jib = 55.8 ft
 Main boom sequence = 0-0-0-0-90-90 % LK = 28
 Counterweight = 12.6 kip

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

	4(...)				5(180)				6(...)					
	A	B	C	D	A	B	C	D	A	B	C	D		
23.0	24.5	46	46	38	38	51	36	46	35	(59)	50	32	50	36
		45	31	52	41(128)	35	35	48	48		31	45	41	52(232)
26.2	24.0	48	48	36	36	49	47	36	35	(4)	53	28	52	34
		53	28	52	34(90)	34	34	50	50		28	53	34	52(270)
29.5	23.6	50	50	34	34	54	44	38	30	(19)	56	25	55	31
		56	25	55	31(91)	31	31	52	52		25	56	32	55(268)
32.8	23.1	51	51	32	32	59	42	39	27	(27)	59	22	57	29
		57	21	58	30(98)	29	29	54	54		20	57	31	59(261)
39.4	22.3	55	55	28	28	66	39	41	20	(33)	65	15	62	24
		60	12	65	29(106)	26	26	57	57		12	60	29	65(253)
45.9	20.9	58	58	25	25	72	36	42	15	(37)	69	10	65	20
		64	6	69	25(105)	22	22	60	60		6	63	25	69(254)
52.5	17.0	57	57	24	24	71	35	41	13	(37)	69	9	64	19
		63	5	68	24(105)	21	21	60	60		5	63	24	69(254)
59.1	13.7	56	56	23	23	70	34	40	13	(37)	68	7	64	18
		62	4	68	23(105)	20	20	59	59		4	62	24	68(254)
65.6	11.0	55	55	22	22	69	33	40	12	(37)	67	7	63	17
		61	3	67	23(105)	19	19	58	58		3	61	23	67(254)
72.2	9.0	54	54	22	22	69	33	39	11	(37)	67	6	63	17
		61	2	67	22(105)	18	18	58	58		2	61	22	67(254)
78.7	7.5	54	54	21	21	70	31	39	10	(38)	67	5	63	16
		61	1	67	22(106)	17	17	58	58		1	60	22	67(253)
85.3	6.0	54	54	21	21	69	31	39	10	(38)	67	4	63	15
		60	1	67	21(106)	17	17	58	58		0	60	22	67(253)
91.9	4.9	54	54	20	20	69	31	39	9	(38)	67	4	63	15
		60	0	68	21(106)	16	16	58	58		0	59	21	68(253)
98.4	3.7	54	54	20	20	69	30	39	9	(38)	67	3	63	15
		59	0	68	20(106)	16	16	58	58		0	59	20	68(253)
105.0	2.9	54	54	19	19	69	30	38	8	(38)	67	2	63	14
		59	0	69	19(106)	15	15	58	58		0	58	19	69(253)

HA= 96.5 HI= 55.8 GGW= 12.6 SL= 0.0 MAX(A,B,C,D)= 6.7 5.9 6.4 6.4

Main boom and fixed jib (jib angle 0.0 degrees)
Length of main boom = 100.4 ft Length of jib = 55.8 ft
Main boom sequence = 0-0-0-0-100-100 % LK = 29
Counterweight = 12.6 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.					
	1(0)				2(...)					3(90)				
	4(...)				5(180)				6(...)					
	A	B	C	D	A	B	C	D	A	B	C	D		
23.0	23.8	46	46	38	38	50	36	46	35	(59)	49	32	49	37
		44	31	51	41(128)	36	36	48	48		31	44	41	51(232)
26.2	23.4	47	47	36	36	47	47	36	36	(0)	52	29	52	34
		52	29	52	34(90)	34	34	50	50		29	52	34	52(270)
29.5	23.1	49	49	34	34	54	44	38	31	(18)	55	25	54	31
		55	25	54	31(90)	32	32	52	52		25	55	32	54(269)
32.8	22.7	51	51	32	32	58	42	39	27	(26)	58	22	57	29
		57	21	58	31(98)	30	30	54	54		21	56	31	58(261)
39.4	21.6	54	54	28	28	65	38	41	21	(34)	64	16	61	24
		59	13	64	29(105)	26	26	57	57		13	59	29	64(254)

45.9	20.3	57	57	25	25	71	37	41	15(36)	68	11	64	20
		63	7	68	25(104)	22	22	59	59	7	63	25	68(255)
52.5	17.0	57	57	24	24	71	35	41	13(37)	69	9	64	19
		63	5	68	24(105)	21	21	60	60	5	63	24	69(254)
59.1	13.7	56	56	23	23	70	34	40	13(37)	68	7	64	18
		62	4	68	23(105)	20	20	59	59	4	62	24	68(254)
65.6	11.0	55	55	22	22	69	33	40	12(37)	67	7	63	17
		61	3	67	23(105)	19	19	58	58	3	61	23	67(254)
72.2	9.0	54	54	22	22	69	33	39	11(37)	67	6	63	17
		61	2	67	22(105)	18	18	58	58	2	61	22	67(254)
78.7	7.5	54	54	21	21	70	31	39	10(38)	67	5	63	16
		61	1	67	22(106)	17	17	58	58	1	60	22	67(253)
85.3	6.0	54	54	21	21	69	31	39	10(38)	67	4	63	15
		60	1	67	21(106)	17	17	58	58	0	60	22	67(253)
91.9	4.9	54	54	20	20	69	31	39	9(38)	67	4	63	15
		60	0	68	21(106)	16	16	58	58	0	59	21	68(253)
98.4	3.7	54	54	20	20	69	30	39	9(38)	67	3	63	14
		59	0	68	20(106)	16	16	58	58	0	59	20	68(253)
105.0	2.9	54	54	19	19	69	30	38	8(38)	67	2	63	14
		59	0	69	19(106)	15	15	58	58	0	58	19	69(253)

HA=100.4 HI= 55.8 GGW= 12.6 SL= 0.0 MAX(A,B,C,D)= 6.6 5.9 6.4 6.4

Main boom and fixed jib (jib angle 0.0 degrees)
 Length of main boom = 110.2 ft Length of jib = 55.8 ft
 Main boom sequence = 0-0-0-45-90-90 % LK = 36
 Counterweight = 12.6 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.			
		1(0)		2(...)		3(90)		6(...)					
		4(...)		5(180)		6(...)							
		A	B	C	D	A	B	C	D	A	B	C	D
26.2	23.1	48	48	36	36	48	47	36	35(4)	52	28	52	34
		52	28	52	34(90)	33	33	50	50	28	52	34	52(270)
29.5	22.9	50	50	34	34	54	44	38	30(19)	56	25	55	31
		56	24	55	31(92)	31	31	52	52	24	55	32	55(267)
32.8	22.5	51	51	32	32	59	42	39	26(27)	59	22	57	28
		57	20	58	30(98)	29	29	54	54	20	57	30	58(261)
39.4	21.6	55	55	28	28	66	39	40	20(33)	65	15	61	24
		60	12	65	28(106)	25	25	57	57	12	59	29	65(253)
45.9	19.4	56	56	25	25	70	36	41	15(36)	68	11	64	20
		63	7	67	25(104)	22	22	59	59	7	63	25	67(255)
52.5	15.7	56	56	24	24	69	35	40	14(36)	67	9	63	19
		62	6	67	24(104)	21	21	59	59	6	62	24	67(255)
59.1	12.8	55	55	23	23	69	34	40	13(37)	67	8	63	18
		62	4	67	23(105)	20	20	58	58	4	61	24	67(254)
65.6	10.6	55	55	22	22	70	33	40	12(37)	67	6	63	17
		62	3	67	22(105)	19	19	58	58	2	61	23	67(254)
72.2	8.6	55	55	21	21	70	32	40	11(38)	67	5	63	16
		61	2	67	22(106)	18	18	58	58	1	60	22	67(253)
78.7	6.8	54	54	21	21	69	31	39	10(38)	67	5	63	16
		60	1	67	22(106)	17	17	58	58	1	60	22	67(253)
85.3	5.5	54	54	20	20	70	31	39	9(38)	67	4	63	15
		60	0	67	21(106)	17	17	58	58	0	60	21	68(253)

91.9 4.4 54 54 20 20 70 30 39 9(38) 67 3 63 14
 60 0 69 19(106) 16 16 58 58 0 59 20 69(253)
 98.4 3.1 54 54 20 20 69 30 39 9(38) 66 3 63 14
 59 0 68 19(106) 16 16 57 57 0 58 20 68(253)

 HA=110.2 HI= 55.8 GGW= 12.6 SL= 0.0 MAX(A,B,C,D)= 6.5 5.8 6.4 6.4

Main boom and fixed jib (jib angle 0.0 degrees)
 Length of main boom = 114.5 ft Length of jib = 55.8 ft
 Main boom sequence = 0-0-0-45-100-100 % LK = 37
 Counterweight = 12.6 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.			
		1(0)		2(...)		3(90)		6(...)					
		A	B	C	D	A	B	C	D				
26.2	22.5	47	47	36	36	54	34	47	32(59)	52	29	52	34
		52	29	52	34(90)	33	33	50	50	29	52	34	52(270)
29.5	22.3	49	49	34	34	53	44	37	31(17)	55	25	54	31
		55	25	54	31(90)	31	31	52	52	25	55	32	54(269)
32.8	21.8	51	51	32	32	57	42	39	27(25)	58	22	56	29
		57	21	58	30(97)	29	29	53	53	21	56	30	58(262)
39.4	20.9	54	54	28	28	65	38	41	21(34)	64	16	61	24
		59	13	64	28(105)	26	26	57	57	13	59	29	64(254)
45.9	19.2	56	56	25	25	69	36	41	16(36)	67	11	63	21
		63	8	67	25(104)	22	22	59	59	8	62	26	67(255)
52.5	15.4	55	55	24	24	69	35	40	15(36)	67	9	63	19
		62	6	67	24(104)	21	21	58	58	6	62	24	67(255)
59.1	12.6	55	55	23	23	69	34	40	13(37)	67	8	63	18
		61	5	67	24(105)	20	20	58	58	4	61	24	67(254)
65.6	10.4	55	55	22	22	69	33	40	12(37)	67	7	63	17
		61	3	67	22(105)	19	19	58	58	3	61	23	67(254)
72.2	8.4	54	54	22	22	69	32	39	11(37)	67	6	63	17
		61	2	67	22(105)	18	18	58	58	2	60	22	67(254)
78.7	6.8	54	54	21	21	69	31	39	10(38)	67	5	63	16
		60	1	67	22(106)	17	17	58	58	1	60	22	67(253)
85.3	5.5	54	54	20	20	70	31	39	9(38)	67	4	63	15
		60	0	67	21(106)	17	17	58	58	0	60	21	68(253)
91.9	4.2	54	54	20	20	69	30	39	9(38)	67	4	63	15
		60	0	67	20(106)	16	16	58	58	0	59	21	68(253)
98.4	3.1	54	54	20	20	69	30	39	9(38)	66	3	63	14
		59	0	68	19(106)	16	16	57	57	0	58	20	68(253)

 HA=114.5 HI= 55.8 GGW= 12.6 SL= 0.0 MAX(A,B,C,D)= 6.5 5.8 6.3 6.3

Main boom and fixed jib (jib angle 0.0 degrees)
 Length of main boom = 124.3 ft Length of jib = 55.8 ft
 Main boom sequence = 0-0-0-90-90-90 % LK = 45
 Counterweight = 12.6 kip

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

29.5	21.6	49	49	34	34	53	44	37	31(17)	55	25	54	31
		55	25	54	31(90)	31	31	51	51	25	55	31	54(269)
32.8	21.4	51	51	32	32	58	42	39	27(26)	58	22	56	29
		56	21	58	30(98)	29	29	53	53	20	56	30	58(261)
39.4	20.7	54	54	28	28	65	39	40	20(32)	64	15	61	24
		59	12	64	28(106)	25	25	57	57	12	59	29	64(253)
45.9	17.9	55	55	26	26	68	37	40	17(35)	66	12	62	21
		62	9	66	25(103)	23	23	58	58	9	62	26	66(256)
52.5	14.3	54	54	24	24	68	35	40	15(36)	66	10	62	20
		61	7	66	24(104)	21	21	58	58	7	61	25	66(255)
59.1	11.7	54	54	23	23	68	34	39	14(36)	66	8	62	19
		61	5	66	23(104)	20	20	58	58	5	61	24	66(255)
65.6	9.3	54	54	22	22	67	33	39	13(36)	65	7	62	18
		60	4	65	22(104)	19	19	57	57	4	60	23	66(255)
72.2	7.5	54	54	22	22	68	32	39	12(37)	66	6	62	17
		60	3	66	22(105)	18	18	57	57	2	60	22	66(254)
78.7	6.0	54	54	21	21	68	32	39	11(37)	66	5	62	16
		60	2	66	22(105)	17	17	57	57	2	60	22	66(254)
85.3	4.6	53	53	21	21	68	31	38	10(37)	66	4	62	15
		60	1	66	21(105)	17	17	57	57	0	60	21	66(254)
91.9	3.3	53	53	20	20	68	31	38	10(37)	65	4	62	15
		60	0	66	21(105)	17	17	57	57	0	59	21	66(254)
98.4	2.4	53	53	20	20	69	30	38	9(38)	66	3	62	14
		59	0	67	20(106)	16	16	57	57	0	58	20	68(253)

 HA=124.3 HI= 55.8 GGW= 12.6 SL= 0.0 MAX(A,B,C,D)= 6.4 5.7 6.3 6.3

Main boom and fixed jib (jib angle 0.0 degrees)
 Length of main boom = 130.9 ft Length of jib = 55.8 ft
 Main boom sequence = 0-0-0-100-100-100 % LK = 46
 Counterweight = 12.6 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
	1(0)		2(...)		3(90)		6(...)						
	A	B	C	D	A	B	C	D	A	B	C	D	
32.8	20.3	50	50	32	32	56	42	38	28(24)	57	22	55	29
		56	22	56	30(96)	29	29	52	52	21	55	30	56(263)
39.4	19.8	53	53	28	28	64	38	41	21(34)	63	16	60	24
		58	13	63	28(105)	26	26	56	56	13	58	29	63(254)
45.9	17.4	55	55	26	26	67	37	40	17(35)	65	12	62	21
		61	9	65	25(103)	23	23	58	58	9	61	26	65(256)
52.5	14.1	54	54	24	24	67	35	39	15(35)	65	10	62	20
		61	7	65	24(103)	21	21	57	57	7	61	24	65(256)
59.1	11.2	54	54	24	24	67	34	39	14(36)	65	9	62	19
		60	6	65	24(104)	20	20	57	57	6	60	24	65(255)
65.6	9.0	54	54	23	23	67	33	39	13(36)	65	8	62	18
		60	4	65	23(104)	19	19	57	57	4	60	23	65(255)
72.2	7.3	53	53	22	22	68	32	39	12(37)	65	6	62	17
		60	3	66	22(105)	18	18	57	57	3	59	23	66(254)
78.7	5.7	53	53	21	21	68	32	39	11(37)	65	6	62	16
		60	2	66	22(105)	18	18	57	57	2	59	22	66(254)
85.3	4.4	53	53	21	21	68	31	38	10(37)	65	5	62	16
		60	1	66	21(105)	17	17	57	57	1	59	22	66(254)

91.9 3.3 53 53 20 20 68 30 39 9(38) 66 4 62 15
 59 0 66 21(106) 16 16 57 57 0 59 21 67(253)

HA=130.9 HI= 55.8 GGW= 12.6 SL= 0.0 MAX(A,B,C,D)= 6.3 5.7 6.2 6.2

Main boom and fixed jib (jib angle 0.0 degrees)
 Length of main boom = 138.1 ft Length of jib = 55.8 ft
 Main boom sequence = 0-0-45-90-90-90 % LK = 54
 Counterweight = 12.6 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.			
	1(0)				2(...)					3(90)		
	4(...)				5(180)							
	A	B	C	D	A	B	C	D	A	B	C	D
32.8 20.5	50	50	32	32	58	41	39	26(26)	58	21	56	28
	56	20	58	30(98)	29	29	53	53	20	56	30	58(261)
39.4 20.1	54	54	28	28	65	38	40	20(33)	64	15	61	23
	59	12	64	28(106)	25	25	57	57	12	59	28	65(253)
45.9 15.9	54	54	26	26	65	37	39	18(34)	64	13	61	22
	60	10	64	25(102)	23	23	57	57	10	60	26	64(257)
52.5 12.6	53	53	25	25	66	35	39	16(35)	64	11	61	20
	60	8	64	24(103)	22	22	56	56	8	60	25	64(256)
59.1 10.1	53	53	24	24	66	34	39	15(35)	64	9	61	19
	60	6	64	23(103)	20	20	56	56	6	60	24	65(256)
65.6 7.9	53	53	23	23	66	33	39	13(36)	64	8	61	18
	60	5	65	23(104)	19	19	56	56	4	59	23	65(255)
72.2 6.2	53	53	22	22	66	33	38	12(36)	64	7	61	17
	60	4	65	22(104)	19	19	56	56	3	59	22	65(255)
78.7 4.6	53	53	21	21	67	32	38	11(37)	64	6	61	17
	59	2	65	22(105)	18	18	56	56	2	58	22	65(254)
85.3 3.3	52	52	21	21	67	31	38	11(37)	64	5	61	16
	59	2	65	21(105)	17	17	56	56	1	58	22	65(254)

HA=138.1 HI= 55.8 GGW= 12.6 SL= 0.0 MAX(A,B,C,D)= 6.2 5.6 6.0 6.1

Main boom and fixed jib (jib angle 0.0 degrees)
 Length of main boom = 145.0 ft Length of jib = 55.8 ft
 Main boom sequence = 0-0-45-100-100-100 % LK = 55
 Counterweight = 12.6 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.			
	1(0)				2(...)					3(90)		
	4(...)				5(180)							
	A	B	C	D	A	B	C	D	A	B	C	D
39.4 19.0	53	53	28	28	64	38	40	20(34)	63	16	60	24
	58	13	63	28(105)	25	25	56	56	13	58	29	63(254)
45.9 15.4	53	53	26	26	65	37	39	18(33)	63	13	60	22
	60	11	63	25(101)	23	23	56	56	10	60	26	63(258)
52.5 12.3	53	53	25	25	65	36	39	16(34)	64	11	61	21
	60	8	63	24(102)	22	22	56	56	8	60	24	64(257)
59.1 9.7	53	53	24	24	65	34	39	15(35)	64	10	61	19
	59	7	64	24(103)	21	21	56	56	7	59	24	64(256)
65.6 7.7	53	53	23	23	66	33	39	14(36)	64	8	61	18
	59	5	64	23(104)	19	19	56	56	5	59	23	64(255)

72.2 6.0 52 52 22 22 66 32 38 13(36) 64 7 61 17
 59 4 64 22(104) 19 19 56 56 4 59 22 65(255)
 78.7 4.4 52 52 22 22 66 32 38 12(36) 64 6 61 17
 59 3 64 22(104) 18 18 56 56 3 59 22 65(255)
 85.3 3.1 52 52 21 21 66 32 37 11(36) 64 6 61 16
 59 2 64 21(104) 17 17 56 56 2 58 22 65(255)

 HA=145.0 HI= 55.8 GGW= 12.6 SL= 0.0 MAX(A,B,C,D)= 6.1 5.6 6.0 6.0

Main boom and fixed jib (jib angle 0.0 degrees)
 Length of main boom = 152.2 ft Length of jib = 55.8 ft
 Main boom sequence = 0-0-90-90-90-90 % LK = 62
 Counterweight = 12.6 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.			
		1(0)		2(...)		3(90)		6(...)					
		4(...)		5(180)		6(...)							
		A	B	C	D	A	B	C	D	A	B	C	D
39.4	18.3	53	53	28	28	64	37	40	20(34)	63	15	60	24
		58	13	63	28(105)	25	25	56	56	12	58	28	63(254)
45.9	14.3	53	53	26	26	64	37	39	18(33)	63	13	60	22
		58	10	63	27(106)	23	23	56	56	10	57	27	63(253)
52.5	11.0	52	52	25	25	64	35	39	17(34)	63	11	60	21
		59	9	62	24(102)	22	22	55	55	9	58	25	63(257)
59.1	8.6	52	52	24	24	64	35	38	15(34)	63	10	60	20
		59	7	63	23(102)	21	21	56	56	7	58	24	63(257)
65.6	6.6	52	52	23	23	65	34	38	14(35)	63	9	60	19
		59	6	63	23(103)	20	20	56	56	6	58	23	63(256)
72.2	4.9	52	52	22	22	65	33	37	13(35)	63	7	60	18
		59	4	63	22(103)	19	19	55	55	4	58	22	63(256)
78.7	3.3	52	52	22	22	65	32	38	13(36)	63	7	60	17
		58	4	63	22(104)	18	18	55	55	3	58	22	63(255)

 HA=152.2 HI= 55.8 GGW= 12.6 SL= 0.0 MAX(A,B,C,D)= 6.0 5.4 5.9 5.9

Main boom and fixed jib (jib angle 0.0 degrees)
 Length of main boom = 161.4 ft Length of jib = 55.8 ft
 Main boom sequence = 0-0-100-100-100-100 % LK = 63
 Counterweight = 12.6 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.			
		1(0)		2(...)		3(90)		6(...)					
		4(...)		5(180)		6(...)							
		A	B	C	D	A	B	C	D	A	B	C	D
45.9	13.7	52	52	26	26	63	37	38	19(32)	62	14	59	22
		57	11	62	27(105)	23	23	55	55	11	57	27	62(254)
52.5	10.6	52	52	25	25	63	36	38	17(33)	62	12	59	21
		59	9	62	24(101)	22	22	55	55	9	58	25	62(258)
59.1	8.2	52	52	24	24	63	34	38	16(34)	62	10	59	20
		58	8	62	24(102)	21	21	55	55	7	58	24	62(257)
65.6	6.2	52	52	23	23	64	33	38	15(35)	62	9	60	19
		58	6	63	23(103)	20	20	55	55	6	58	23	63(256)
72.2	4.4	51	51	23	23	64	33	37	14(35)	62	8	60	18
		58	5	63	22(103)	19	19	55	55	5	58	23	63(256)

78.7 3.1 51 51 22 22 65 32 38 13(36) 63 7 60 17
58 4 63 22(104) 18 18 55 55 4 57 22 63(255)

HA=161.4 HI= 55.8 GGW= 12.6 SL= 0.0 MAX(A,B,C,D)= 6.0 5.4 5.9 5.9

Main boom and fixed jib (jib angle 0.0 degrees)
Length of main boom = 166.0 ft Length of jib = 55.8 ft
Main boom sequence = 0-45-90-90-90-90 % LK = 68
Counterweight = 12.6 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.			
	1(0)		2(...)		3(90)		4(...)					
	A	B	C	D	A	B	C	D				
45.9	12.1	51	51	27 27	61	37	38	19(31)	61	14	58	23
	56	11	61	27(105)	23	23	54	54	11	56	27	62(254)
52.5	9.3	51	51	25 25	62	35	38	17(33)	61	12	59	21
	58	10	61	24(101)	22	22	54	54	9	58	25	61(258)
59.1	6.8	51	51	24 24	62	35	37	16(33)	61	11	59	20
	58	8	61	23(101)	21	21	54	54	8	58	24	61(258)
65.6	4.9	51	51	23 23	63	34	37	15(34)	61	9	59	19
	58	7	62	23(102)	20	20	54	54	6	57	23	62(257)
72.2	3.3	51	51	23 23	63	32	37	14(35)	62	8	59	18
	57	5	62	22(103)	19	19	54	54	5	57	23	62(256)

HA=166.0 HI= 55.8 GGW= 12.6 SL= 0.0 MAX(A,B,C,D)= 5.9 5.3 5.8 5.8

Main boom and fixed jib (jib angle 0.0 degrees)
Length of main boom = 175.5 ft Length of jib = 55.8 ft
Main boom sequence = 0-45-100-100-100-100 % LK = 69
Counterweight = 12.6 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.			
	1(0)		2(...)		3(90)		4(...)					
	A	B	C	D	A	B	C	D				
45.9	11.7	51	51	27 27	61	37	38	20(31)	60	14	58	23
	56	12	61	27(104)	24	24	54	54	11	56	27	61(255)
52.5	8.8	51	51	26 26	61	36	37	18(32)	60	12	58	22
	58	10	60	24(100)	22	22	54	54	10	57	24	60(259)
59.1	6.4	50	50	24 24	62	35	37	17(33)	60	11	58	21
	57	9	61	24(101)	21	21	54	54	8	57	24	61(258)
65.6	4.4	50	50	24 24	62	34	37	16(33)	60	10	58	20
	57	7	61	23(101)	20	20	54	54	7	57	23	61(258)
72.2	2.9	50	50	23 23	62	33	37	15(34)	61	9	58	19
	57	6	61	22(102)	19	19	54	54	6	57	23	61(257)

HA=175.5 HI= 55.8 GGW= 12.6 SL= 0.0 MAX(A,B,C,D)= 5.8 5.3 5.7 5.7

HA=175.5 HI= 55.8 GGW= 12.6 SL= 0.0 MAX(A,B,C,D)= 0.0 0.0 0.0 0.0

HA=175.5 HI= 55.8 GGW= 12.6 SL= 0.0 MAX(A,B,C,D)= 0.0 0.0 0.0 0.0

HA=175.5 HI= 55.8 GGW= 12.6 SL= 0.0 MAX(A,B,C,D)= 0.0 0.0 0.0 0.0

HA=175.5 HI= 55.8 GGW= 12.6 SL= 0.0 MAX(A,B,C,D)= 0.0 0.0 0.0 0.0

HA=175.5 HI= 55.8 GGW= 12.6 SL= 0.0 MAX(A,B,C,D)= 0.0 0.0 0.0 0.0

HA=175.5 HI= 55.8 GGW= 12.6 SL= 0.0 MAX(A,B,C,D)= 0.0 0.0 0.0 0.0

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

14.10.2003, 15:37:22

Eingabedatei: ilam.dat

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

Tabellendat.: /berechnung/tabellen/ac/ac200-1/serie_3/pc_tab/22137312_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 = 55.8 ft

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

Counterweight = 12.6 kip

Radius Cap. [ft]	Outrigger Loadin[kip]	(Pos.[Degrees])				0-360 Degr.
		1(0)	2(...)	3(90)		
[kip]		4(...)	5(180)	6(...)		
		A B C D	A B C D	A B C D		
29.5	21.2	44 44 38 38	49 36 45 35	59 47 32 48 37		
		43 31 50 41(128)	35 35 47 47	31 43 41 50(232)		
32.8	20.3	45 45 36 36	51 34 46 33	59 50 30 50 35		
		50 30 50 35(90)	34 34 48 48	30 50 35 50(270)		
39.4	18.5	48 48 33 33	51 43 37 30	16 54 24 53 31		
		54 24 53 31(90)	30 30 50 50	24 54 31 53(270)		
45.9	17.2	50 50 30 30	58 40 38 24	28 58 19 56 27		
		56 18 58 29(99)	27 27 53 53	18 56 29 58(260)		
52.5	16.1	52 52 27 27	63 38 39 20	32 62 15 59 23		
		58 12 62 28(105)	24 24 55 55	12 57 28 62(254)		
59.1	15.0	54 54 24 24	67 36 40 15	35 66 10 62 20		
		61 7 65 24(103)	22 22 58 58	7 61 24 65(256)		
65.6	12.3	54 54 24 24	68 34 39 14	36 66 9 62 19		
		61 6 65 24(104)	20 20 57 57	6 60 24 66(255)		
72.2	10.1	54 54 23 23	68 34 39 13	36 66 7 62 18		
		61 4 66 23(104)	19 19 57 57	4 60 23 66(255)		
78.7	8.2	54 54 22 22	68 32 39 12	37 65 7 62 17		
		60 3 66 22(105)	19 19 57 57	3 60 23 66(254)		

 HA= 40.7 HI= 55.8 GGW= 12.6 SL= 0.0 MAX(A,B,C,D)= 6.3 5.7 6.1 6.1

Main boom and fixed jib (jib angle 20.0 degrees)
 Length of main boom = 54.5 ft Length of jib = 55.8 ft
 Main boom sequence = 0-0-0-0-0-45 % LK = 7
 Counterweight = 12.6 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]								(Pos.[Degrees])				0-360 Degr.
		1(0)		2(...)		3(90)		4(...)		5(180)		6(...)		
		A	B	C	D	A	B	C	D	A	B	C	D	
32.8	20.5	46	46	36	36	51	34	46	33	(59)	50	30	50	35
		50	30	50	35	(90)	34	34	48	48	30	50	35	50(270)
39.4	19.0	48	48	33	33	52	43	37	30	(17)	54	24	53	31
		54	24	53	31	(90)	30	30	51	51	24	54	31	53(269)
45.9	17.6	50	50	30	30	58	40	38	24	(28)	58	19	56	27
		56	18	58	29	(100)	27	27	53	53	18	56	29	58(259)
52.5	16.5	53	53	27	27	63	38	39	20	(32)	62	15	60	23
		58	12	63	28	(105)	24	24	56	56	12	57	28	63(254)
59.1	15.4	55	55	25	25	68	36	40	15	(35)	66	10	62	20
		62	7	65	24	(103)	22	22	58	58	7	61	25	66(256)
65.6	13.0	54	54	24	24	68	34	40	14	(36)	66	9	62	19
		61	6	66	24	(104)	20	20	58	58	5	61	24	66(255)
72.2	10.6	54	54	23	23	67	34	39	13	(36)	65	8	62	18
		61	5	65	23	(104)	20	20	57	57	5	60	23	66(255)
78.7	8.8	54	54	22	22	68	33	39	12	(37)	66	7	62	17
		60	3	66	22	(105)	19	19	57	57	3	60	23	66(254)
85.3	7.3	54	54	21	21	68	32	39	11	(37)	66	6	62	16
		60	2	66	22	(105)	18	18	57	57	2	60	22	66(254)
91.9	6.0	54	54	21	21	69	31	39	10	(38)	66	4	63	15
		60	1	67	21	(106)	17	17	58	58	0	60	22	67(253)

 HA= 54.5 HI= 55.8 GGW= 12.6 SL= 0.0 MAX(A,B,C,D)= 6.4 5.7 6.2 6.2

Main boom and fixed jib (jib angle 20.0 degrees)
 Length of main boom = 68.6 ft Length of jib = 55.8 ft
 Main boom sequence = 0-0-0-0-0-90 % LK = 13
 Counterweight = 12.6 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]								(Pos.[Degrees])				0-360 Degr.
		1(0)		2(...)		3(90)		4(...)		5(180)		6(...)		
		A	B	C	D	A	B	C	D	A	B	C	D	
39.4	18.7	48	48	33	33	51	44	36	31	(15)	53	25	53	31
		53	25	53	31	(90)	31	31	50	50	25	53	31	53(270)
45.9	17.6	50	50	30	30	58	40	38	25	(27)	58	20	56	27
		56	18	58	29	(99)	28	28	53	53	18	56	29	58(260)
52.5	16.5	52	52	28	28	62	38	39	20	(31)	62	15	59	24
		58	12	62	28	(105)	24	24	55	55	12	57	28	62(254)
59.1	15.4	54	54	25	25	67	36	40	16	(35)	65	11	62	20
		61	8	65	24	(103)	22	22	57	57	8	61	25	65(256)
65.6	13.2	54	54	24	24	68	35	40	14	(36)	66	9	62	19
		61	6	66	24	(104)	21	21	58	58	6	61	24	66(255)

72.2	11.0	54	54	23	23	68	34	39	13(36)	66	8	62	18
		61	5	66	23(104)	20	20	58	58	4	60	23	66(255)
78.7	9.0	54	54	22	22	67	33	39	13(36)	65	7	62	18
		60	4	65	22(104)	19	19	57	57	4	60	23	66(255)
85.3	7.5	54	54	22	22	68	32	39	12(37)	65	6	62	17
		60	3	66	22(105)	18	18	57	57	3	60	22	66(254)
91.9	6.2	54	54	21	21	68	32	39	11(37)	66	5	62	16
		60	2	66	22(105)	18	18	57	57	2	60	22	66(254)
98.4	5.1	54	54	21	21	69	31	39	10(38)	66	4	62	15
		60	0	67	21(106)	17	17	57	57	0	59	22	67(253)
105.0	4.2	54	54	20	20	70	30	39	9(38)	67	3	63	14
		59	0	69	19(106)	16	16	58	58	0	59	20	69(253)
111.5	3.1	54	54	19	19	70	30	38	8(38)	67	2	63	14
		59	0	69	18(106)	15	15	58	58	0	58	19	69(253)

HA= 68.6 HI= 55.8 GGW= 12.6 SL= 0.0 MAX(A,B,C,D)= 6.5 5.7 6.4 6.5

Main boom and fixed jib (jib angle 20.0 degrees)

Length of main boom = 70.2 ft Length of jib = 55.8 ft

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

Counterweight = 12.6 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.			
		1(0)		2(...)		3(90)		6(...)					
		4(...)		5(180)		6(...)							
		A	B	C	D	A	B	C	D	A	B	C	D
39.4	18.7	48	48	33	33	51	44	36	31(15)	53	25	53	31
		53	25	53	31(90)	31	31	50	50	25	53	31	53(270)
45.9	16.8	49	49	31	31	56	41	37	26(25)	56	21	55	28
		55	20	56	29(97)	28	28	52	52	19	55	30	56(262)
52.5	15.2	51	51	28	28	60	38	39	22(31)	59	17	57	25
		56	15	60	28(102)	26	26	54	54	15	56	28	60(257)
59.1	13.7	52	52	26	26	63	37	38	19(32)	62	14	59	22
		57	11	62	27(105)	23	23	55	55	11	57	27	62(254)
65.6	12.6	54	54	24	24	66	35	39	15(35)	65	10	61	20
		60	7	64	24(103)	21	21	57	57	7	60	24	65(256)
72.2	11.0	54	54	23	23	68	34	39	13(36)	66	8	62	18
		61	5	66	23(104)	20	20	57	57	4	60	23	66(255)
78.7	9.0	54	54	22	22	67	33	39	13(36)	65	7	62	18
		60	4	65	22(104)	19	19	57	57	4	60	23	66(255)
85.3	7.5	53	53	22	22	68	32	39	12(37)	65	6	62	17
		60	3	66	22(105)	18	18	57	57	3	60	23	66(254)
91.9	6.4	54	54	21	21	69	32	39	11(37)	66	5	63	16
		60	1	66	21(105)	17	17	57	57	1	60	22	67(254)
98.4	5.1	54	54	21	21	68	31	38	10(37)	66	4	62	15
		60	1	66	21(105)	17	17	57	57	1	60	21	66(254)
105.0	4.2	54	54	20	20	69	30	39	9(38)	67	3	63	15
		60	0	68	20(106)	16	16	58	58	0	59	20	68(253)
111.5	3.1	54	54	19	19	69	30	38	8(38)	67	3	63	14
		59	0	69	19(106)	16	16	58	58	0	58	19	69(253)

HA= 70.2 HI= 55.8 GGW= 12.6 SL= 0.0 MAX(A,B,C,D)= 6.5 5.6 6.4 6.4

Main boom and fixed jib (jib angle 20.0 degrees)

Length of main boom = 82.3 ft Length of jib = 55.8 ft
 Main boom sequence = 0-0-0-0-45-90 % LK = 20
 Counterweight = 12.6 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]								(Pos.[Degrees])				0-360 Degr.
		1(0)				2(...)				3(90)				
		A	B	C	D	A	B	C	D	A	B	C	D	
39.4	18.7	48	48	33	33	51	43	37	31	16	54	25	53	31
		54	25	53	31	30	30	50	50	25	54	31	53	(270)
45.9	17.6	50	50	30	30	58	40	38	25	28	58	20	56	27
		56	18	58	29	27	27	53	53	18	56	29	58	(260)
52.5	16.8	53	53	27	27	63	38	39	20	32	63	15	60	23
		58	12	63	28	24	24	56	56	11	58	28	63	(254)
59.1	15.7	55	55	24	24	68	35	40	15	36	66	10	63	20
		61	7	66	24	22	22	58	58	7	61	25	66	(255)
65.6	13.2	55	55	24	24	68	34	40	14	36	66	9	63	19
		62	5	66	24	20	20	58	58	5	61	24	66	(255)
72.2	10.8	54	54	23	23	68	34	39	13	36	66	8	62	18
		61	5	66	23	20	20	57	57	5	60	23	66	(255)
78.7	9.0	54	54	22	22	68	33	39	12	37	66	7	62	17
		60	3	66	23	19	19	57	57	3	60	23	66	(254)
85.3	7.5	54	54	22	22	68	32	39	11	37	66	6	62	17
		60	2	66	22	18	18	57	57	2	60	22	66	(254)
91.9	6.2	54	54	21	21	68	32	39	11	37	66	5	62	16
		60	2	66	21	17	17	57	57	1	60	22	66	(254)
98.4	5.1	54	54	21	21	69	31	39	10	38	66	4	63	15
		60	0	67	21	17	17	57	57	0	60	22	67	(253)
105.0	4.2	54	54	20	20	70	30	39	9	38	67	3	63	14
		59	0	69	19	16	16	58	58	0	59	20	69	(253)
111.5	3.1	54	54	19	19	69	30	38	8	38	67	3	63	14
		59	0	69	19	16	16	58	58	0	58	19	69	(253)

HA= 82.3 HI= 55.8 GGW= 12.6 SL= 0.0 MAX(A,B,C,D)= 6.5 5.7 6.4 6.4

Main boom and fixed jib (jib angle 20.0 degrees)

Length of main boom = 84.0 ft Length of jib = 55.8 ft
 Main boom sequence = 0-0-0-0-45-100 % LK = 21
 Counterweight = 12.6 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]								(Pos.[Degrees])				0-360 Degr.
		1(0)				2(...)				3(90)				
		A	B	C	D	A	B	C	D	A	B	C	D	
39.4	18.7	48	48	33	33	51	43	37	31	16	54	25	53	31
		54	25	53	31	30	30	50	50	25	54	31	53	(270)
45.9	17.2	50	50	30	30	57	40	38	25	27	57	20	56	27
		56	19	57	29	28	28	53	53	19	55	29	57	(261)
52.5	15.7	51	51	28	28	61	38	39	21	32	60	16	58	24
		57	14	61	28	25	25	54	54	13	57	28	61	(256)
59.1	14.3	53	53	26	26	65	36	39	17	34	63	12	60	21
		60	10	63	25	23	23	56	56	9	59	25	63	(257)
65.6	13.2	55	55	24	24	68	34	40	14	36	66	9	63	19
		61	6	66	24	21	21	58	58	5	61	24	66	(255)

72.2	10.8	54	54	23	23	68	34	39	13(36)	66	8	62	18
		61	5	65	23(104)	20	20	57	57	5	60	23	66(255)
78.7	9.0	54	54	22	22	68	33	39	12(37)	66	7	62	17
		60	4	66	23(105)	19	19	57	57	3	60	23	66(254)
85.3	7.5	54	54	22	22	68	32	39	12(37)	66	6	62	17
		60	3	66	22(105)	18	18	57	57	2	60	22	66(254)
91.9	6.2	54	54	21	21	68	32	39	11(37)	66	5	62	16
		60	2	66	22(105)	17	17	57	57	2	60	22	66(254)
98.4	5.1	54	54	21	21	69	31	39	10(38)	66	4	62	15
		60	0	67	21(106)	17	17	57	57	0	59	22	67(253)
105.0	4.2	54	54	20	20	69	30	39	9(38)	67	3	63	14
		60	0	68	20(106)	16	16	58	58	0	59	20	69(253)
111.5	3.1	54	54	20	20	69	30	38	9(38)	66	3	63	14
		59	0	68	19(106)	16	16	57	57	0	58	20	68(253)
118.1	2.2	54	54	19	19	69	30	38	8(38)	67	2	63	14
		58	0	69	18(106)	15	15	57	57	0	58	19	69(253)

 HA= 84.0 HI= 55.8 GGW= 12.6 SL= 0.0 MAX(A,B,C,D)= 6.5 5.7 6.4 6.4

Main boom and fixed jib (jib angle 20.0 degrees)
 Length of main boom = 96.5 ft Length of jib = 55.8 ft
 Main boom sequence = 0-0-0-0-90-90 % LK = 28
 Counterweight = 12.6 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
	1(0)		2(...)		3(90)								
	4(...)	5(180)	6(...)										
A B C D	A B C D	A B C D	A B C D										
45.9	17.4	50	50	30	30	58	40	38	25(28)	58	20	56	27
		56	18	58	29(99)	27	27	53	53	18	56	29	58(260)
52.5	16.8	53	53	27	27	64	38	39	19(32)	63	14	60	23
		58	11	63	28(106)	24	24	56	56	11	58	28	63(253)
59.1	15.9	55	55	24	24	69	35	40	15(36)	67	10	63	19
		62	6	67	24(104)	21	21	58	58	6	62	25	67(255)
65.6	13.0	55	55	24	24	68	34	40	14(36)	66	9	63	19
		61	6	66	24(104)	21	21	58	58	5	61	24	66(255)
72.2	10.8	54	54	23	23	68	34	39	13(36)	66	8	62	18
		61	4	66	23(104)	20	20	58	58	4	61	23	66(255)
78.7	9.0	54	54	22	22	68	33	39	12(37)	66	7	62	17
		61	3	66	22(105)	19	19	58	58	3	60	23	66(254)
85.3	7.5	54	54	21	21	69	32	39	11(37)	66	6	62	16
		60	2	66	22(105)	18	18	58	58	2	60	22	67(254)
91.9	6.2	54	54	21	21	69	32	39	10(37)	66	5	63	16
		60	1	67	21(105)	17	17	58	58	1	60	22	67(254)
98.4	5.1	54	54	20	20	69	31	39	9(38)	67	4	63	15
		60	0	67	21(106)	17	17	58	58	0	60	21	67(253)
105.0	4.0	54	54	20	20	69	30	39	9(38)	67	3	63	15
		60	0	68	20(106)	16	16	58	58	0	59	20	68(253)
111.5	3.1	54	54	19	19	70	30	39	8(38)	67	2	63	14
		59	0	69	19(106)	15	15	58	58	0	58	19	69(253)

 HA= 96.5 HI= 55.8 GGW= 12.6 SL= 0.0 MAX(A,B,C,D)= 6.5 5.7 6.4 6.4

Main boom and fixed jib (jib angle 20.0 degrees)

Length of main boom = 100.4 ft Length of jib = 55.8 ft
 Main boom sequence = 0-0-0-0-100-100 % LK = 29
 Counterweight = 12.6 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]								(Pos.[Degrees])				0-360 Degr.				
		1(0)		2(...)				3(90)		4(...)		5(180)			6(...)			
		A	B	C	D	A	B	C	D	A	B	C	D		A	B	C	D
45.9	17.2	50	50	30	30	57	40	38	25	(27)	58	20	56	27				
		56	18	58	29	(99)	28	28	53	53	18	55	29	58	(260)			
52.5	15.9	52	52	28	28	62	37	39	21	(33)	61	15	59	24				
		57	13	62	28	(104)	25	25	55	55	13	57	28	62	(255)			
59.1	14.8	54	54	25	25	66	36	40	16	(35)	65	11	61	21				
		60	9	64	25	(103)	22	22	57	57	8	60	25	65	(256)			
65.6	13.0	55	55	24	24	68	34	40	14	(36)	66	9	63	19				
		61	6	66	24	(104)	21	21	58	58	5	61	24	66	(255)			
72.2	10.8	54	54	23	23	68	34	39	13	(36)	66	8	62	18				
		61	4	66	23	(104)	20	20	58	58	4	61	23	66	(255)			
78.7	9.0	54	54	22	22	68	33	39	12	(37)	66	7	62	17				
		60	3	66	22	(105)	19	19	58	58	3	60	23	66	(254)			
85.3	7.5	54	54	21	21	69	32	39	11	(37)	66	6	62	17				
		60	2	66	22	(105)	18	18	57	57	2	60	22	67	(254)			
91.9	6.2	54	54	21	21	69	32	39	11	(37)	66	5	63	16				
		60	1	67	21	(105)	17	17	57	57	1	60	22	67	(254)			
98.4	5.1	54	54	20	20	69	31	39	9	(38)	67	4	63	15				
		60	0	67	21	(106)	17	17	58	58	0	60	21	67	(253)			
105.0	4.0	54	54	20	20	69	30	39	9	(38)	66	3	63	15				
		60	0	67	20	(106)	16	16	58	58	0	59	21	68	(253)			
111.5	3.1	54	54	19	19	69	30	39	8	(38)	67	3	63	14				
		59	0	69	19	(106)	16	16	58	58	0	58	19	69	(253)			

HA=100.4 HI= 55.8 GGW= 12.6 SL= 0.0 MAX(A,B,C,D)= 6.5 5.7 6.4 6.4

Main boom and fixed jib (jib angle 20.0 degrees)

Length of main boom = 110.2 ft Length of jib = 55.8 ft
 Main boom sequence = 0-0-0-45-90-90 % LK = 36
 Counterweight = 12.6 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]								(Pos.[Degrees])				0-360 Degr.				
		1(0)		2(...)				3(90)		4(...)		5(180)			6(...)			
		A	B	C	D	A	B	C	D	A	B	C	D		A	B	C	D
45.9	17.4	50	50	30	30	59	39	39	24	(29)	59	19	57	26				
		56	17	58	29	(100)	27	27	53	53	17	56	29	59	(259)			
52.5	16.5	53	53	27	27	64	37	39	19	(33)	63	14	60	23				
		58	11	63	27	(106)	24	24	56	56	11	58	28	64	(253)			
59.1	15.7	56	56	24	24	69	35	40	14	(36)	67	9	63	19				
		62	6	67	24	(104)	21	21	58	58	6	62	24	67	(255)			
65.6	12.8	55	55	23	23	69	34	40	13	(36)	67	8	63	18				
		62	5	66	23	(104)	20	20	58	58	5	61	24	67	(255)			
72.2	10.4	54	54	23	23	68	34	39	13	(36)	66	7	62	18				
		61	4	66	23	(104)	19	19	58	58	4	60	23	66	(255)			
78.7	8.6	54	54	22	22	68	32	39	12	(37)	66	6	62	17				
		60	3	66	22	(105)	19	19	58	58	3	60	23	66	(254)			

85.3	7.1	54	54	21	21	69	32	39	11(37)	66	6	62	16
		60	2	66	22(105)	18	18	57	57	2	60	22	67(254)
91.9	5.7	54	54	21	21	69	32	39	10(37)	66	5	63	16
		60	1	67	21(105)	17	17	57	57	1	60	22	67(254)
98.4	4.6	54	54	20	20	69	30	39	9(38)	67	4	63	15
		60	0	67	21(106)	16	16	58	58	0	59	21	68(253)
105.0	3.5	54	54	20	20	69	30	39	9(38)	67	3	63	14
		59	0	68	20(106)	16	16	58	58	0	59	20	68(253)
111.5	2.4	53	53	20	20	69	30	38	9(38)	66	3	62	14
		59	0	67	19(106)	16	16	57	57	0	58	20	68(253)

HA=110.2 HI= 55.8 GGW= 12.6 SL= 0.0 MAX(A,B,C,D)= 6.4 5.8 6.3 6.3

Main boom and fixed jib (jib angle 20.0 degrees)

Length of main boom = 114.5 ft Length of jib = 55.8 ft

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

Counterweight = 12.6 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.			
		1(0)		2(...)		3(90)		6(...)					
		4(...)		5(180)		6(...)							
		A	B	C	D	A	B	C	D				
52.5	16.1	53	53	27	27	63	38	39	20(32)	62	15	60	23
		58	12	63	27(105)	24	24	56	56	11	58	28	63(254)
59.1	15.0	55	55	24	24	68	36	40	15(35)	66	10	62	20
		62	7	65	24(103)	22	22	58	58	7	61	24	66(256)
65.6	12.8	55	55	23	23	69	34	40	13(36)	67	8	63	18
		62	5	66	23(104)	20	20	58	58	5	61	24	67(255)
72.2	10.4	54	54	23	23	68	34	39	13(36)	66	7	62	18
		61	4	66	23(104)	19	19	58	58	4	60	23	66(255)
78.7	8.6	54	54	22	22	68	32	39	12(37)	66	6	62	17
		60	3	66	22(105)	19	19	57	57	3	60	23	66(254)
85.3	7.1	54	54	21	21	68	32	39	11(37)	66	6	62	16
		60	2	66	22(105)	18	18	57	57	2	60	22	67(254)
91.9	5.7	54	54	21	21	69	32	39	10(37)	66	5	63	16
		60	1	66	21(105)	17	17	57	57	1	60	22	67(254)
98.4	4.6	54	54	20	20	69	30	39	9(38)	67	4	63	15
		60	0	67	21(106)	17	17	58	58	0	59	21	68(253)
105.0	3.5	54	54	20	20	69	30	39	9(38)	66	3	63	15
		59	0	68	20(106)	16	16	57	57	0	59	20	68(253)
111.5	2.6	54	54	19	19	69	30	38	8(38)	67	2	63	14
		59	0	69	19(106)	15	15	58	58	0	58	19	69(253)

HA=114.5 HI= 55.8 GGW= 12.6 SL= 0.0 MAX(A,B,C,D)= 6.5 5.7 6.4 6.4

Main boom and fixed jib (jib angle 20.0 degrees)

Length of main boom = 124.3 ft Length of jib = 55.8 ft

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

Counterweight = 12.6 kip

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

52.5	16.3	53	53	27	27	64	37	39	19(33)	63	14	60	22
		58	11	64	27(106)	24	24	56	56	10	58	28	64(253)
59.1	14.8	55	55	24	24	68	35	40	15(36)	66	10	63	20
		61	7	66	24(104)	21	21	58	58	6	61	25	66(255)
65.6	12.1	54	54	23	23	68	34	39	14(36)	66	9	62	19
		61	5	66	23(104)	20	20	58	58	5	61	24	66(255)
72.2	9.9	54	54	23	23	68	34	39	13(36)	66	7	62	18
		61	4	66	23(104)	19	19	57	57	4	60	23	66(255)
78.7	8.2	54	54	22	22	68	32	39	12(37)	66	6	62	17
		60	3	66	22(105)	19	19	57	57	3	60	23	66(254)
85.3	6.6	54	54	21	21	68	32	39	11(37)	66	6	62	16
		60	2	66	22(105)	18	18	57	57	2	60	22	66(254)
91.9	5.1	53	53	21	21	68	32	38	11(37)	65	5	62	16
		60	2	66	21(105)	17	17	57	57	1	59	22	66(254)
98.4	4.0	53	53	21	21	68	31	38	10(37)	66	4	62	15
		60	0	66	21(105)	17	17	57	57	0	60	21	66(254)
105.0	2.9	53	53	20	20	68	30	38	9(38)	65	4	62	15
		59	0	66	21(106)	16	16	57	57	0	58	21	67(253)

HA=124.3 HI= 55.8 GGW= 12.6 SL= 0.0 MAX(A,B,C,D)= 6.3 5.7 6.2 6.2

Main boom and fixed jib (jib angle 20.0 degrees)

Length of main boom = 130.9 ft Length of jib = 55.8 ft

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

Counterweight = 12.6 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
	1(0)		2(...)		3(90)		6(...)						
	A	B	C	D	A	B	C	D					
52.5	15.9	53	53	27	27	63	38	39	19(32)	63	14	60	23
		58	11	63	28(106)	24	24	56	56	11	57	28	63(253)
59.1	14.3	54	54	25	25	67	35	40	16(35)	65	10	62	20
		61	7	65	24(103)	22	22	57	57	7	61	25	65(256)
65.6	11.9	54	54	24	24	67	34	39	14(36)	66	9	62	19
		61	6	65	24(104)	20	20	57	57	6	60	24	66(255)
72.2	9.7	54	54	23	23	67	34	39	13(36)	65	8	62	18
		60	5	65	23(104)	19	19	57	57	4	60	23	65(255)
78.7	7.9	54	54	22	22	68	32	39	12(37)	65	7	62	17
		60	3	66	22(105)	19	19	57	57	3	60	23	66(254)
85.3	6.4	53	53	21	21	68	32	39	11(37)	65	6	62	17
		60	2	66	22(105)	18	18	57	57	2	60	22	66(254)
91.9	5.1	53	53	21	21	68	32	38	11(37)	65	5	62	16
		60	1	66	21(105)	17	17	57	57	1	60	22	66(254)
98.4	3.7	53	53	21	21	67	31	38	10(37)	65	5	62	16
		60	1	65	21(105)	17	17	57	57	1	59	21	66(254)
105.0	2.9	53	53	20	20	68	30	38	9(38)	66	4	62	15
		59	0	67	21(106)	16	16	57	57	0	58	21	67(253)

HA=130.9 HI= 55.8 GGW= 12.6 SL= 0.0 MAX(A,B,C,D)= 6.3 5.6 6.2 6.2

Main boom and fixed jib (jib angle 20.0 degrees)

Length of main boom = 138.1 ft Length of jib = 55.8 ft

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

Counterweight = 12.6 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
	1(0)		2(...)		3(90)		6(...)						
	A	B	C	D	A	B	C	D	A	B	C	D	
59.1	13.2	53	53	25	25	66	35	39	16(35)	64	11	61	21
	60	8	64	24(103)	22	22	57	57	8	60	25	64(256)	
65.6	10.8	53	53	24	24	66	35	39	15(35)	64	9	61	19
	60	7	64	24(103)	21	21	56	56	6	60	24	64(256)	
72.2	8.6	53	53	23	23	66	34	38	14(35)	64	9	61	19
	60	6	64	23(103)	20	20	56	56	5	59	23	64(256)	
78.7	6.8	53	53	22	22	66	33	38	13(36)	64	7	61	18
	59	4	64	22(104)	19	19	56	56	4	59	23	65(255)	
85.3	5.3	52	52	22	22	66	32	38	12(36)	64	7	61	17
	59	3	64	22(104)	18	18	56	56	3	59	22	65(255)	
91.9	4.0	52	52	21	21	66	32	38	12(36)	64	6	61	17
	59	3	64	21(104)	18	18	56	56	2	59	22	65(255)	
98.4	2.9	52	52	21	21	67	31	38	11(37)	64	5	61	16
	59	2	65	21(105)	17	17	56	56	1	58	22	65(254)	

HA=138.1 HI= 55.8 GGW= 12.6 SL= 0.0 MAX(A,B,C,D)= 6.2 5.5 6.0 6.0

Main boom and fixed jib (jib angle 20.0 degrees)

Length of main boom = 145.0 ft Length of jib = 55.8 ft

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

Counterweight = 12.6 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
	1(0)		2(...)		3(90)		6(...)						
	A	B	C	D	A	B	C	D	A	B	C	D	
59.1	13.0	53	53	25	25	65	36	39	17(34)	64	11	61	21
	60	9	63	24(102)	22	22	56	56	8	60	25	64(257)	
65.6	10.6	53	53	24	24	65	35	39	15(35)	64	10	61	20
	60	7	64	24(103)	21	21	56	56	7	59	24	64(256)	
72.2	8.4	52	52	23	23	65	34	38	14(35)	63	9	60	19
	59	6	64	23(103)	20	20	56	56	6	59	23	64(256)	
78.7	6.6	52	52	23	23	65	33	38	14(35)	63	8	60	18
	59	5	64	22(103)	19	19	56	56	5	59	23	64(256)	
85.3	5.3	52	52	22	22	66	32	38	12(36)	64	7	61	17
	59	3	64	22(104)	18	18	56	56	3	59	22	65(255)	
91.9	4.0	52	52	21	21	66	32	38	12(36)	64	6	61	17
	59	2	64	21(104)	18	18	56	56	2	59	22	65(255)	
98.4	2.9	52	52	21	21	67	31	38	11(37)	64	5	61	16
	59	1	65	21(105)	17	17	56	56	1	58	22	65(254)	

HA=145.0 HI= 55.8 GGW= 12.6 SL= 0.0 MAX(A,B,C,D)= 6.2 5.5 6.0 6.0

Main boom and fixed jib (jib angle 20.0 degrees)

Length of main boom = 152.2 ft Length of jib = 55.8 ft

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

Counterweight = 12.6 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.							
	1(0)				2(...)				3(90)							
	4(...)				5(180)				6(...)							
	A	B	C	D	A	B	C	D	A	B	C	D				
59.1	11.9	52	52	25	25	64	36	38	17	(33)	63	12	60	21		
		59	9	62	24	(101)	22	22	56	56		9	59	25	62	(258)
65.6	9.5	52	52	24	24	64	35	38	16	(34)	63	11	60	20		
		59	8	63	24	(102)	21	21	55	55		8	58	24	63	(257)
72.2	7.5	52	52	24	24	64	34	38	15	(35)	63	9	60	19		
		58	6	63	23	(103)	20	20	55	55		6	58	24	63	(256)
78.7	5.7	52	52	23	23	64	33	38	14	(35)	63	8	60	19		
		58	6	63	23	(103)	19	19	55	55		5	58	23	63	(256)
85.3	4.4	52	52	22	22	65	32	38	13	(36)	63	7	60	17		
		58	4	63	22	(104)	19	19	56	56		4	58	22	64	(255)
91.9	3.1	52	52	22	22	65	32	37	12	(36)	63	6	60	17		
		58	3	63	22	(104)	18	18	55	55		3	58	22	64	(255)

HA=152.2 HI= 55.8 GGW= 12.6 SL= 0.0 MAX(A,B,C,D)= 6.0 5.5 5.9 5.9

Main boom and fixed jib (jib angle 20.0 degrees)

Length of main boom = 161.4 ft Length of jib = 55.8 ft
Main boom sequence = 0-0-100-100-100-100 % LK = 63
Counterweight = 12.6 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.							
	1(0)				2(...)				3(90)							
	4(...)				5(180)				6(...)							
	A	B	C	D	A	B	C	D	A	B	C	D				
65.6	9.3	52	52	24	24	64	35	38	16	(34)	62	11	60	20		
		58	8	62	24	(102)	21	21	55	55		8	58	24	62	(257)
72.2	7.3	52	52	24	24	64	34	38	15	(34)	62	9	60	19		
		58	7	62	23	(102)	20	20	55	55		7	58	23	63	(257)
78.7	5.5	51	51	23	23	64	33	38	14	(35)	62	9	60	19		
		58	6	63	23	(103)	19	19	55	55		6	58	23	63	(256)
85.3	4.0	51	51	22	22	64	33	37	14	(35)	62	8	60	18		
		58	5	63	22	(103)	19	19	55	55		5	58	22	63	(256)
91.9	2.9	51	51	22	22	65	32	37	12	(36)	63	7	60	17		
		58	4	63	22	(104)	18	18	55	55		3	58	22	63	(255)

HA=161.4 HI= 55.8 GGW= 12.6 SL= 0.0 MAX(A,B,C,D)= 6.0 5.4 5.9 5.9

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

14.10.2003, 15:37:22

Eingabedatei: ilam.dat

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

Tabellendat.: /berechnung/tabellen/ac/ac200-1/serie_3/pc_tab/22137312_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 = 55.8 ft
 Main boom sequence = 0-0-0-0-0-0 % LK = 1
 Counterweight = 12.6 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.			
		1(0)				2(...)							
		4(...)				5(180)				6(...)			
		A	B	C	D	A	B	C	D	A	B	C	D
45.9	15.2	45	45	34	34	51	32	45	30(59)	49	27	50	33
		49	27	50	33(90)	31	31	48	48	27	49	33	50(270)
52.5	14.3	47	47	31	31	52	41	36	28(20)	54	22	53	29
		53	21	54	29(93)	28	28	50	50	21	53	29	54(266)
59.1	13.7	50	50	28	28	59	38	38	22(30)	58	17	57	25
		55	15	59	28(102)	25	25	53	53	15	55	28	59(257)
65.6	13.2	53	53	25	25	65	36	39	17(34)	63	11	61	21
		60	9	63	24(102)	22	22	56	56	9	60	25	63(257)
72.2	11.2	54	54	24	24	67	34	39	14(36)	65	9	62	19
		60	6	65	24(104)	20	20	57	57	6	60	24	65(255)

 HA= 40.7 HI= 55.8 GGW= 12.6 SL= 0.0 MAX(A,B,C,D)= 6.2 5.6 6.0 6.1

Main boom and fixed jib (jib angle 40.0 degrees)
 Length of main boom = 54.5 ft Length of jib = 55.8 ft
 Main boom sequence = 0-0-0-0-0-45 % LK = 7
 Counterweight = 12.6 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.			
		1(0)				2(...)							
		4(...)				5(180)				6(...)			
		A	B	C	D	A	B	C	D	A	B	C	D
45.9	15.2	45	45	35	35	51	32	45	31(59)	49	27	49	33
		49	27	49	33(90)	32	32	48	48	27	49	33	49(270)
52.5	14.6	47	47	32	32	52	41	36	28(20)	54	22	53	29
		53	22	53	29(92)	28	28	50	50	22	53	30	53(267)
59.1	13.9	50	50	29	29	58	38	38	22(30)	58	17	56	25
		56	15	58	28(101)	26	26	53	53	15	55	28	59(258)
65.6	13.4	53	53	26	26	64	36	39	17(33)	63	12	60	21
		60	10	63	25(101)	22	22	56	56	10	59	25	63(258)
72.2	11.9	54	54	24	24	67	35	39	15(35)	65	9	62	19
		61	6	65	23(103)	21	21	57	57	6	60	24	65(256)
78.7	9.7	53	53	23	23	67	34	39	14(36)	65	8	62	18
		60	5	65	23(104)	20	20	57	57	5	60	23	65(255)
85.3	7.9	53	53	22	22	67	33	39	12(36)	65	7	62	17
		60	4	65	22(104)	19	19	57	57	3	60	22	65(255)

 HA= 54.5 HI= 55.8 GGW= 12.6 SL= 0.0 MAX(A,B,C,D)= 6.2 5.6 6.1 6.1

 Main boom and fixed jib (jib angle 40.0 degrees)
 Length of main boom = 68.6 ft Length of jib = 55.8 ft
 Main boom sequence = 0-0-0-0-0-90 % LK = 13
 Counterweight = 12.6 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]								(Pos.[Degrees])				0-360 Degr.
		1(0)				2(...)				3(90)				
		4(...)				5(180)				6(...)				
A	B	C	D	A	B	C	D	A	B	C	D			
52.5	14.6	47	47	32	32	52	42	36	28	(19)	53	22	53	29
		53	22	53	30	(92)	29	29	50	50	22	53	30	53(267)
59.1	13.9	50	50	29	29	58	38	38	23	(29)	58	18	56	26
		55	16	58	28	(100)	26	26	53	53	16	55	28	58(259)
65.6	13.2	52	52	26	26	63	37	38	19	(32)	62	13	59	22
		57	10	62	27	(106)	23	23	55	55	10	56	27	63(253)
72.2	12.3	54	54	24	24	67	34	39	15	(36)	65	9	62	19
		60	6	65	24	(104)	21	21	57	57	6	60	24	65(255)
78.7	10.1	53	53	23	23	67	34	39	14	(36)	65	9	61	19
		60	5	65	23	(104)	20	20	57	57	5	60	24	65(255)
85.3	8.4	53	53	22	22	67	33	39	13	(36)	65	7	62	18
		60	4	65	22	(104)	19	19	57	57	4	59	23	65(255)
91.9	7.1	54	54	22	22	68	32	39	11	(37)	66	6	62	17
		60	2	66	22	(105)	18	18	57	57	2	60	22	66(254)
98.4	5.5	53	53	21	21	68	32	39	11	(37)	65	5	62	16
		60	2	66	21	(105)	17	17	57	57	2	59	22	66(254)

 HA= 68.6 HI= 55.8 GGW= 12.6 SL= 0.0 MAX(A,B,C,D)= 6.3 5.6 6.1 6.1

Main boom and fixed jib (jib angle 40.0 degrees)
 Length of main boom = 70.2 ft Length of jib = 55.8 ft
 Main boom sequence = 0-0-0-0-0-100 % LK = 14
 Counterweight = 12.6 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]								(Pos.[Degrees])				0-360 Degr.
		1(0)				2(...)				3(90)				
		4(...)				5(180)				6(...)				
A	B	C	D	A	B	C	D	A	B	C	D			
52.5	13.9	46	46	32	32	50	42	35	30	(15)	52	23	52	30
		52	23	52	30	(90)	29	29	49	49	23	52	30	52(270)
59.1	12.8	48	48	30	30	55	39	37	25	(25)	55	19	54	27
		54	18	55	28	(97)	27	27	51	51	18	54	28	56(262)
65.6	11.9	50	50	28	28	59	37	38	21	(31)	59	16	57	24
		55	13	59	27	(103)	24	24	53	53	13	55	28	60(256)
72.2	11.0	52	52	25	25	63	36	38	17	(33)	62	12	59	21
		58	10	62	24	(101)	22	22	55	55	9	58	25	62(258)
78.7	10.1	53	53	23	23	67	34	39	14	(36)	65	9	61	19
		60	6	65	23	(104)	20	20	57	57	5	59	24	65(255)
85.3	8.6	54	54	22	22	67	33	39	13	(36)	65	7	62	17
		60	4	65	22	(104)	19	19	57	57	4	60	23	65(255)
91.9	7.1	53	53	22	22	68	32	39	12	(37)	65	6	62	17
		60	3	66	22	(105)	18	18	57	57	2	59	22	66(254)
98.4	5.7	54	54	21	21	68	32	39	11	(37)	66	5	62	16
		60	1	66	21	(105)	17	17	57	57	1	60	22	66(254)

 HA= 70.2 HI= 55.8 GGW= 12.6 SL= 0.0 MAX(A,B,C,D)= 6.3 5.6 6.1 6.2

Main boom and fixed jib (jib angle 40.0 degrees)
 Length of main boom = 82.3 ft Length of jib = 55.8 ft
 Main boom sequence = 0-0-0-0-45-90 % LK = 20
 Counterweight = 12.6 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]								(Pos.[Degrees])				0-360 Degr.
		1(0)		2(...)		3(90)		4(...)		5(180)		6(...)		
		A	B	C	D	A	B	C	D	A	B	C	D	
52.5	14.6	47	47	32	32	52	42	36	28(19)	54	22	53	29	
		53	22	53	30(92)	29	29	50	50	22	53	30	53(267)	
59.1	14.1	50	50	29	29	59	38	38	22(30)	58	17	56	25	
		56	15	58	28(101)	26	26	53	53	15	55	28	59(258)	
65.6	13.4	52	52	26	26	63	36	39	18(33)	62	13	60	22	
		59	11	62	25(101)	23	23	56	56	10	59	25	62(258)	
72.2	12.3	54	54	24	24	67	34	39	15(36)	65	9	62	19	
		60	6	65	24(104)	21	21	57	57	6	60	24	65(255)	
78.7	10.4	54	54	23	23	67	34	39	13(36)	65	8	62	18	
		60	5	65	23(104)	20	20	57	57	5	60	23	65(255)	
85.3	8.6	54	54	22	22	67	33	39	13(36)	65	7	62	18	
		60	4	65	22(104)	19	19	57	57	4	60	23	65(255)	
91.9	7.1	53	53	22	22	67	32	39	12(37)	65	6	62	17	
		60	3	66	22(105)	18	18	57	57	3	59	22	66(254)	
98.4	5.7	53	53	21	21	68	32	39	11(37)	65	5	62	16	
		60	2	66	22(105)	17	17	57	57	2	59	22	66(254)	
105.0	4.6	54	54	20	20	69	30	39	10(38)	66	4	62	15	
		60	0	67	21(106)	17	17	57	57	0	59	22	67(253)	
111.5	3.5	54	54	20	20	69	30	39	9(38)	66	3	63	14	
		59	0	68	20(106)	16	16	57	57	0	58	20	68(253)	

 HA= 82.3 HI= 55.8 GGW= 12.6 SL= 0.0 MAX(A,B,C,D)= 6.4 5.6 6.3 6.3

Main boom and fixed jib (jib angle 40.0 degrees)
 Length of main boom = 84.0 ft Length of jib = 55.8 ft
 Main boom sequence = 0-0-0-0-45-100 % LK = 21
 Counterweight = 12.6 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]								(Pos.[Degrees])				0-360 Degr.
		1(0)		2(...)		3(90)		4(...)		5(180)		6(...)		
		A	B	C	D	A	B	C	D	A	B	C	D	
59.1	13.2	49	49	30	30	56	39	37	24(27)	56	19	55	26	
		54	17	57	28(99)	26	26	52	52	17	54	28	57(260)	
65.6	12.1	50	50	27	27	60	37	38	20(32)	59	15	57	24	
		56	13	60	27(103)	24	24	54	54	13	56	27	60(256)	
72.2	11.5	52	52	25	25	64	35	39	17(34)	63	11	60	21	
		59	9	63	24(102)	22	22	56	56	8	59	24	63(257)	
78.7	10.4	54	54	23	23	67	34	39	14(36)	65	8	62	18	
		60	5	65	23(104)	20	20	57	57	5	60	24	65(255)	
85.3	8.6	53	53	22	22	67	33	39	13(36)	65	7	62	18	
		60	4	65	22(104)	19	19	57	57	4	60	23	65(255)	

91.9	7.1	53	53	22	22	67	32	39	12(37)	65	6	62	17
		60	3	65	22(105)	18	18	57	57	3	59	23	66(254)
98.4	5.7	53	53	21	21	68	32	39	11(37)	65	6	62	16
		60	2	66	22(105)	18	18	57	57	2	59	22	66(254)
105.0	4.6	53	53	21	21	68	31	38	10(37)	66	4	62	15
		60	1	66	21(105)	17	17	57	57	0	60	21	66(254)
111.5	3.5	53	53	20	20	69	30	39	9(38)	66	3	62	15
		59	0	67	20(106)	16	16	57	57	0	59	21	68(253)

HA= 84.0 HI= 55.8 GGW= 12.6 SL= 0.0 MAX(A,B,C,D)= 6.4 5.6 6.2 6.3

Main boom and fixed jib (jib angle 40.0 degrees)

Length of main boom = 96.5 ft Length of jib = 55.8 ft

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

Counterweight = 12.6 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
	1(0)				2(...)								
	4(...)				5(180)				6(...)				
	A	B	C	D	A	B	C	D	A	B	C	D	
59.1	13.9	50	50	29	29	58	39	38	23(29)	58	18	56	25
		55	16	58	28(101)	26	26	53	53	15	55	28	58(258)
65.6	13.4	52	52	26	26	64	37	39	18(33)	63	13	60	22
		59	10	62	25(101)	23	23	56	56	10	59	25	62(258)
72.2	12.3	54	54	24	24	67	34	39	15(36)	65	9	62	19
		60	6	65	24(104)	21	21	57	57	6	60	24	65(255)
78.7	10.4	54	54	23	23	67	34	39	13(36)	65	8	62	18
		60	5	65	23(104)	20	20	57	57	5	60	23	65(255)
85.3	8.6	54	54	22	22	67	33	39	13(36)	65	7	62	18
		60	4	65	22(104)	19	19	57	57	4	60	23	65(255)
91.9	7.1	53	53	22	22	67	32	39	12(37)	65	6	62	17
		60	3	65	22(105)	18	18	57	57	3	59	23	66(254)
98.4	5.7	53	53	21	21	68	32	39	11(37)	65	6	62	16
		60	2	66	22(105)	18	18	57	57	2	59	22	66(254)
105.0	4.6	53	53	21	21	68	31	38	10(37)	66	4	62	15
		60	1	66	21(105)	17	17	57	57	1	60	21	66(254)
111.5	3.7	54	54	20	20	69	30	39	9(38)	67	3	63	14
		59	0	68	20(106)	16	16	58	58	0	59	20	68(253)
118.1	2.6	54	54	19	19	69	30	38	8(38)	66	3	63	14
		59	0	68	19(106)	16	16	57	57	0	58	19	69(253)

HA= 96.5 HI= 55.8 GGW= 12.6 SL= 0.0 MAX(A,B,C,D)= 6.4 5.6 6.3 6.4

Main boom and fixed jib (jib angle 40.0 degrees)

Length of main boom = 100.4 ft Length of jib = 55.8 ft

Main boom sequence = 0-0-0-0-100-100 % LK = 29

Counterweight = 12.6 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
	1(0)				2(...)								
	4(...)				5(180)				6(...)				
	A	B	C	D	A	B	C	D	A	B	C	D	
59.1	13.2	49	49	29	29	56	39	37	24(27)	56	19	55	26
		54	17	57	28(99)	26	26	52	52	17	54	28	57(260)

65.6	12.3	51	51	27	27	61	37	38	20(31)	60	15	58	23
		56	12	60	27(104)	24	24	54	54	12	56	27	61(255)
72.2	11.7	53	53	24	24	65	35	39	16(34)	64	11	61	20
		60	8	63	24(102)	21	21	56	56	8	60	24	63(257)
78.7	10.4	54	54	23	23	67	34	39	13(36)	65	8	62	18
		60	5	65	23(104)	20	20	57	57	5	60	23	65(255)
85.3	8.6	54	54	22	22	67	33	39	13(36)	65	7	62	18
		60	4	65	22(104)	19	19	57	57	4	60	23	65(255)
91.9	7.1	53	53	22	22	67	32	39	12(37)	65	6	62	17
		60	3	65	22(105)	18	18	57	57	3	59	23	66(254)
98.4	6.0	54	54	21	21	68	32	39	11(37)	66	5	62	16
		60	1	66	21(105)	17	17	57	57	1	60	22	66(254)
105.0	4.9	54	54	20	20	69	31	39	10(38)	66	4	63	15
		60	0	67	21(106)	17	17	57	57	0	60	22	67(253)
111.5	3.7	54	54	20	20	69	30	39	9(38)	66	3	63	15
		59	0	67	20(106)	16	16	57	57	0	59	20	68(253)
118.1	2.6	53	53	20	20	69	30	38	9(38)	66	3	62	14
		59	0	67	19(106)	16	16	57	57	0	58	20	68(253)

HA=100.4 HI= 55.8 GGW= 12.6 SL= 0.0 MAX(A,B,C,D)= 6.4 5.6 6.3 6.3

Main boom and fixed jib (jib angle 40.0 degrees)

Length of main boom = 110.2 ft Length of jib = 55.8 ft

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

Counterweight = 12.6 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
	1(0)		2(...)		3(90)		6(...)						
	A	B	C	D	A	B	C	D					
65.6	13.4	53	53	26	26	64	36	39	17(34)	63	12	60	21
		59	9	63	25(102)	22	22	56	56	9	59	25	63(257)
72.2	12.1	54	54	24	24	67	34	39	14(36)	65	9	62	19
		61	6	65	24(104)	21	21	57	57	6	60	24	65(255)
78.7	9.9	54	54	23	23	67	34	39	14(36)	65	8	62	18
		60	5	65	23(104)	20	20	57	57	5	60	24	65(255)
85.3	8.4	54	54	22	22	68	32	39	12(37)	65	7	62	17
		60	3	66	22(105)	19	19	57	57	3	60	23	66(254)
91.9	6.8	53	53	22	22	68	32	39	11(37)	65	6	62	17
		60	2	66	22(105)	18	18	57	57	2	60	22	66(254)
98.4	5.5	53	53	21	21	68	32	39	11(37)	65	5	62	16
		60	2	66	21(105)	17	17	57	57	1	60	22	66(254)
105.0	4.4	53	53	21	21	69	30	39	10(38)	66	4	62	15
		60	0	66	21(106)	17	17	57	57	0	59	22	67(253)
111.5	3.5	54	54	20	20	69	30	39	9(38)	67	3	63	14
		59	0	68	19(106)	16	16	58	58	0	58	20	69(253)
118.1	2.4	53	53	19	19	69	30	38	8(38)	66	3	63	14
		58	0	68	19(106)	15	15	57	57	0	58	19	69(253)

HA=110.2 HI= 55.8 GGW= 12.6 SL= 0.0 MAX(A,B,C,D)= 6.5 5.6 6.3 6.4

Main boom and fixed jib (jib angle 40.0 degrees)

Length of main boom = 114.5 ft Length of jib = 55.8 ft

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

Counterweight = 12.6 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
	1(0)		2(...)		3(90)		6(...)						
A	B	C	D	A	B	C	D	A	B	C	D		
65.6	12.6	52	52	26	26	62	37	38	19(32)	61	14	59	22
		57	11	62	27(105)	23	23	55	55	11	56	27	62(254)
72.2	11.9	54	54	24	24	67	35	39	15(35)	65	9	62	19
		60	7	65	24(103)	21	21	57	57	6	60	24	65(256)
78.7	10.1	54	54	23	23	67	34	39	13(36)	65	8	62	18
		60	5	65	23(104)	20	20	57	57	4	60	23	66(255)
85.3	8.4	54	54	22	22	67	33	39	13(36)	65	7	62	17
		60	4	65	22(104)	19	19	57	57	4	60	23	66(255)
91.9	6.8	53	53	22	22	68	32	39	12(37)	65	6	62	17
		60	3	66	22(105)	18	18	57	57	2	59	22	66(254)
98.4	5.5	53	53	21	21	68	32	39	11(37)	65	5	62	16
		60	2	66	22(105)	17	17	57	57	2	59	22	66(254)
105.0	4.6	54	54	20	20	69	30	39	9(38)	67	4	63	15
		60	0	67	21(106)	16	16	58	58	0	59	21	68(253)
111.5	3.5	54	54	20	20	69	30	39	9(38)	67	3	63	14
		59	0	68	20(106)	16	16	58	58	0	59	20	68(253)
118.1	2.4	53	53	19	19	69	30	38	9(38)	66	3	62	14
		59	0	68	19(106)	16	16	57	57	0	58	19	68(253)

HA=114.5 HI= 55.8 GGW= 12.6 SL= 0.0 MAX(A,B,C,D)= 6.4 5.6 6.3 6.3

Main boom and fixed jib (jib angle 40.0 degrees)

Length of main boom = 124.3 ft Length of jib = 55.8 ft

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

Counterweight = 12.6 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
	1(0)		2(...)		3(90)		6(...)						
A	B	C	D	A	B	C	D	A	B	C	D		
65.6	13.4	53	53	25	25	65	36	39	17(34)	64	12	61	21
		60	9	63	25(102)	22	22	56	56	9	60	25	63(257)
72.2	11.9	54	54	24	24	67	34	39	14(36)	65	9	62	19
		61	6	65	24(104)	20	20	57	57	6	60	24	66(255)
78.7	9.7	54	54	23	23	67	34	39	13(36)	65	8	62	18
		60	5	65	23(104)	20	20	57	57	5	60	23	65(255)
85.3	8.2	54	54	22	22	68	32	39	12(37)	66	7	62	17
		60	3	66	22(105)	19	19	57	57	3	60	23	66(254)
91.9	6.6	54	54	21	21	68	32	39	11(37)	66	6	62	17
		60	2	66	22(105)	18	18	57	57	2	60	22	66(254)
98.4	5.3	53	53	21	21	68	32	39	11(37)	66	5	62	16
		60	1	66	21(105)	17	17	57	57	1	60	22	66(254)
105.0	4.2	54	54	20	20	69	30	39	10(38)	66	4	62	15
		60	0	67	21(106)	17	17	57	57	0	59	21	67(253)
111.5	3.1	53	53	20	20	69	30	39	9(38)	66	3	62	15
		59	0	67	20(106)	16	16	57	57	0	58	20	67(253)

HA=124.3 HI= 55.8 GGW= 12.6 SL= 0.0 MAX(A,B,C,D)= 6.4 5.6 6.2 6.3

 Main boom and fixed jib (jib angle 40.0 degrees)
 Length of main boom = 130.9 ft Length of jib = 55.8 ft
 Main boom sequence = 0-0-0-100-100-100 % LK = 46
 Counterweight = 12.6 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
		1(0)				2(...)					3(90)			
		4(...)				5(180)					6(...)			
A	B	C	D	A	B	C	D	A	B	C	D			
72.2	11.9	54	54	24	24	67	34	39	14(36)	66	9	62	19	
		61	6	65	24(104)	20	20	57	57	6	60	24	66(255)	
78.7	9.7	54	54	23	23	67	34	39	13(36)	65	8	62	18	
		60	5	65	23(104)	20	20	57	57	5	60	23	65(255)	
85.3	8.2	54	54	22	22	68	32	39	12(37)	66	7	62	17	
		60	3	66	22(105)	19	19	57	57	3	60	23	66(254)	
91.9	6.6	54	54	21	21	68	32	39	11(37)	66	6	62	17	
		60	2	66	22(105)	18	18	57	57	2	60	22	66(254)	
98.4	5.3	53	53	21	21	68	32	39	11(37)	66	5	62	16	
		60	1	66	21(105)	17	17	57	57	1	60	22	66(254)	
105.0	4.0	53	53	21	21	68	31	38	10(37)	65	5	62	16	
		60	1	66	21(105)	17	17	57	57	1	59	21	66(254)	
111.5	2.9	53	53	20	20	68	31	38	10(37)	65	4	62	15	
		60	0	66	21(105)	17	17	57	57	0	59	21	66(254)	

 HA=130.9 HI= 55.8 GGW= 12.6 SL= 0.0 MAX(A,B,C,D)= 6.3 5.6 6.1 6.1

Main boom and fixed jib (jib angle 40.0 degrees)
 Length of main boom = 138.1 ft Length of jib = 55.8 ft
 Main boom sequence = 0-0-45-90-90-90 % LK = 54
 Counterweight = 12.6 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
		1(0)				2(...)					3(90)			
		4(...)				5(180)					6(...)			
A	B	C	D	A	B	C	D	A	B	C	D			
72.2	11.0	53	53	24	24	66	35	39	15(35)	64	9	61	19	
		60	7	64	24(103)	21	21	57	57	6	60	24	65(256)	
78.7	9.0	53	53	23	23	67	34	39	14(36)	65	8	61	18	
		60	5	65	23(104)	20	20	56	56	5	59	23	65(255)	
85.3	7.3	53	53	22	22	66	33	38	13(36)	64	7	61	18	
		60	4	65	22(104)	19	19	56	56	4	59	23	65(255)	
91.9	5.7	53	53	22	22	66	32	38	12(36)	64	7	61	17	
		59	3	65	22(104)	18	18	56	56	3	59	22	65(255)	
98.4	4.4	53	53	21	21	67	31	38	11(37)	65	6	61	16	
		59	2	65	22(105)	18	18	56	56	2	58	22	65(254)	
105.0	3.3	53	53	21	21	67	31	38	11(37)	65	5	62	16	
		59	1	65	21(105)	17	17	56	56	1	59	21	65(254)	

 HA=138.1 HI= 55.8 GGW= 12.6 SL= 0.0 MAX(A,B,C,D)= 6.2 5.6 6.1 6.1

Main boom and fixed jib (jib angle 40.0 degrees)
 Length of main boom = 145.0 ft Length of jib = 55.8 ft
 Main boom sequence = 0-0-45-100-100-100 % LK = 55

Counterweight = 12.6 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
	1(0)		2(...)		3(90)		6(...)						
	A	B	C	D	A	B	C	D	A	B	C	D	
72.2	10.8	53	53	24	24	65	35	39	15(35)	64	10	61	20
	60	7	64	24(103)	21	21	56	56	7	59	24	64(256)	
78.7	8.8	53	53	23	23	66	34	38	14(35)	64	9	61	19
	60	6	64	23(103)	20	20	56	56	6	59	23	64(256)	
85.3	7.1	52	52	23	23	66	33	38	13(36)	64	8	61	18
	59	5	64	23(104)	19	19	56	56	4	59	23	64(255)	
91.9	5.5	52	52	22	22	66	32	38	13(36)	64	7	61	17
	59	4	64	22(104)	19	19	56	56	4	58	22	64(255)	
98.4	4.2	52	52	22	22	66	32	38	12(36)	64	6	61	17
	59	3	64	22(104)	18	18	56	56	3	58	22	64(255)	
105.0	3.1	52	52	21	21	66	31	38	11(37)	64	6	61	16
	58	2	65	21(105)	17	17	56	56	2	58	22	65(254)	

HA=145.0 HI= 55.8 GGW= 12.6 SL= 0.0 MAX(A,B,C,D)= 6.2 5.5 6.0 6.0

Main boom and fixed jib (jib angle 40.0 degrees)

Length of main boom = 152.2 ft Length of jib = 55.8 ft

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

Counterweight = 12.6 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
	1(0)		2(...)		3(90)		6(...)						
	A	B	C	D	A	B	C	D	A	B	C	D	
72.2	10.1	52	52	24	24	65	35	38	16(34)	63	10	60	20
	59	7	63	24(102)	21	21	56	56	7	59	24	63(257)	
78.7	8.2	52	52	24	24	65	34	38	15(35)	63	9	60	19
	59	6	63	23(103)	20	20	56	56	6	59	24	63(256)	
85.3	6.4	52	52	23	23	65	33	38	14(35)	63	8	60	18
	59	5	63	22(103)	19	19	56	56	5	58	23	63(256)	
91.9	4.9	52	52	22	22	65	33	37	13(35)	63	7	60	18
	59	4	63	22(103)	19	19	56	56	4	58	22	63(256)	
98.4	3.5	52	52	22	22	65	32	38	12(36)	63	7	60	17
	58	3	63	22(104)	18	18	55	55	3	58	22	64(255)	
105.0	2.4	52	52	21	21	65	32	37	12(36)	63	6	60	16
	58	2	64	21(104)	17	17	56	56	2	58	22	64(255)	

HA=152.2 HI= 55.8 GGW= 12.6 SL= 0.0 MAX(A,B,C,D)= 6.1 5.5 5.9 5.9

HA=152.2 HI= 55.8 GGW= 12.6 SL= 0.0 MAX(A,B,C,D)= 0.0 0.0 0.0 0.0

ZUSAMMENFASSUNG:

HA= 40.7 HI= 55.8 GGW= 75.8 SL= 0.0 MAX(A,B,C,D)= 8.6 8.6 7.0 7.9

HA= 54.5 HI= 55.8 GGW= 75.8 SL= 0.0 MAX(A,B,C,D)= 8.2 8.2 7.5 7.5

HA= 68.6 HI= 55.8 GGW= 75.8 SL= 0.0 MAX(A,B,C,D)= 8.0 7.8 7.4 7.5

HA= 70.2 HI= 55.8 GGW= 75.8 SL= 0.0 MAX(A,B,C,D)= 7.8 7.8 7.1 7.3

HA= 82.3 HI= 55.8 GGW= 75.8 SL= 0.0 MAX(A,B,C,D)= 9.0 7.4 8.3 8.3

HA= 84.0 HI= 55.8 GGW= 75.8 SL= 0.0 MAX(A,B,C,D)= 8.4 7.5 7.8 7.8

HA= 96.5	HI= 55.8	GGW= 75.8	SL= 0.0	MAX(A,B,C,D)= 9.4	7.8	8.5	8.5
HA=100.4	HI= 55.8	GGW= 75.8	SL= 0.0	MAX(A,B,C,D)= 9.1	7.6	8.3	8.3
HA=110.2	HI= 55.8	GGW= 75.8	SL= 0.0	MAX(A,B,C,D)= 9.6	7.9	8.7	8.7
HA=114.5	HI= 55.8	GGW= 75.8	SL= 0.0	MAX(A,B,C,D)= 9.6	7.9	8.7	8.8
HA=124.3	HI= 55.8	GGW= 75.8	SL= 0.0	MAX(A,B,C,D)= 9.7	7.9	8.8	8.9
HA=130.9	HI= 55.8	GGW= 75.8	SL= 0.0	MAX(A,B,C,D)= 9.6	7.9	8.8	8.8
HA=138.1	HI= 55.8	GGW= 75.8	SL= 0.0	MAX(A,B,C,D)= 9.7	7.9	8.9	8.9
HA=145.0	HI= 55.8	GGW= 75.8	SL= 0.0	MAX(A,B,C,D)= 9.6	7.9	8.8	8.8
HA=152.2	HI= 55.8	GGW= 75.8	SL= 0.0	MAX(A,B,C,D)= 9.7	7.9	8.8	8.8
HA=161.4	HI= 55.8	GGW= 75.8	SL= 0.0	MAX(A,B,C,D)= 9.7	7.9	8.8	8.8
HA=166.0	HI= 55.8	GGW= 75.8	SL= 0.0	MAX(A,B,C,D)= 9.6	7.9	8.8	8.8
HA=175.5	HI= 55.8	GGW= 75.8	SL= 0.0	MAX(A,B,C,D)= 9.7	8.0	8.8	8.9
HA=180.1	HI= 55.8	GGW= 75.8	SL= 0.0	MAX(A,B,C,D)= 9.7	7.9	8.8	8.8
HA=191.9	HI= 55.8	GGW= 75.8	SL= 0.0	MAX(A,B,C,D)= 9.5	7.9	8.7	8.7
HA=193.9	HI= 55.8	GGW= 75.8	SL= 0.0	MAX(A,B,C,D)= 9.5	7.8	8.6	8.7
HA=205.7	HI= 55.8	GGW= 75.8	SL= 0.0	MAX(A,B,C,D)= 9.3	7.7	8.5	8.6
HA=208.0	HI= 55.8	GGW= 75.8	SL= 0.0	MAX(A,B,C,D)= 9.2	7.7	8.4	8.4
HA=222.4	HI= 55.8	GGW= 75.8	SL= 0.0	MAX(A,B,C,D)= 9.1	7.6	8.3	8.3
HA= 40.7	HI= 55.8	GGW= 75.8	SL= 0.0	MAX(A,B,C,D)= 7.1	7.1	6.3	6.7
HA= 54.5	HI= 55.8	GGW= 75.8	SL= 0.0	MAX(A,B,C,D)= 7.5	6.9	7.0	7.0
HA= 68.6	HI= 55.8	GGW= 75.8	SL= 0.0	MAX(A,B,C,D)= 7.8	7.0	7.3	7.3
HA= 70.2	HI= 55.8	GGW= 75.8	SL= 0.0	MAX(A,B,C,D)= 7.3	6.8	6.9	6.9
HA= 82.3	HI= 55.8	GGW= 75.8	SL= 0.0	MAX(A,B,C,D)= 8.8	7.3	8.2	8.2
HA= 84.0	HI= 55.8	GGW= 75.8	SL= 0.0	MAX(A,B,C,D)= 8.2	7.1	7.6	7.7
HA= 96.5	HI= 55.8	GGW= 75.8	SL= 0.0	MAX(A,B,C,D)= 9.4	7.8	8.6	8.6
HA=100.4	HI= 55.8	GGW= 75.8	SL= 0.0	MAX(A,B,C,D)= 8.8	7.3	8.2	8.2
HA=110.2	HI= 55.8	GGW= 75.8	SL= 0.0	MAX(A,B,C,D)= 9.5	7.8	8.7	8.7
HA=114.5	HI= 55.8	GGW= 75.8	SL= 0.0	MAX(A,B,C,D)= 9.5	7.8	8.7	8.7
HA=124.3	HI= 55.8	GGW= 75.8	SL= 0.0	MAX(A,B,C,D)= 9.7	7.9	8.8	8.8
HA=130.9	HI= 55.8	GGW= 75.8	SL= 0.0	MAX(A,B,C,D)= 9.6	7.9	8.8	8.8
HA=138.1	HI= 55.8	GGW= 75.8	SL= 0.0	MAX(A,B,C,D)= 9.6	7.9	8.8	8.8
HA=145.0	HI= 55.8	GGW= 75.8	SL= 0.0	MAX(A,B,C,D)= 9.6	7.9	8.7	8.8
HA=152.2	HI= 55.8	GGW= 75.8	SL= 0.0	MAX(A,B,C,D)= 9.6	7.9	8.8	8.8
HA=161.4	HI= 55.8	GGW= 75.8	SL= 0.0	MAX(A,B,C,D)= 9.6	7.9	8.8	8.8
HA=166.0	HI= 55.8	GGW= 75.8	SL= 0.0	MAX(A,B,C,D)= 9.7	7.9	8.8	8.8
HA=175.5	HI= 55.8	GGW= 75.8	SL= 0.0	MAX(A,B,C,D)= 9.6	7.9	8.8	8.8
HA=180.1	HI= 55.8	GGW= 75.8	SL= 0.0	MAX(A,B,C,D)= 9.6	7.9	8.8	8.8
HA=191.9	HI= 55.8	GGW= 75.8	SL= 0.0	MAX(A,B,C,D)= 9.6	7.9	8.7	8.8
HA=193.9	HI= 55.8	GGW= 75.8	SL= 0.0	MAX(A,B,C,D)= 9.5	7.8	8.7	8.7
HA=205.7	HI= 55.8	GGW= 75.8	SL= 0.0	MAX(A,B,C,D)= 9.3	7.8	8.5	8.5
HA=208.0	HI= 55.8	GGW= 75.8	SL= 0.0	MAX(A,B,C,D)= 9.2	7.7	8.4	8.4
HA=222.4	HI= 55.8	GGW= 75.8	SL= 0.0	MAX(A,B,C,D)= 9.1	7.6	8.3	8.3
HA= 40.7	HI= 55.8	GGW= 75.8	SL= 0.0	MAX(A,B,C,D)= 6.6	6.6	5.8	6.2
HA= 54.5	HI= 55.8	GGW= 75.8	SL= 0.0	MAX(A,B,C,D)= 6.7	6.6	6.3	6.3
HA= 68.6	HI= 55.8	GGW= 75.8	SL= 0.0	MAX(A,B,C,D)= 6.8	6.6	6.4	6.4
HA= 70.2	HI= 55.8	GGW= 75.8	SL= 0.0	MAX(A,B,C,D)= 6.4	6.4	6.0	6.0
HA= 82.3	HI= 55.8	GGW= 75.8	SL= 0.0	MAX(A,B,C,D)= 7.8	7.0	7.3	7.3
HA= 84.0	HI= 55.8	GGW= 75.8	SL= 0.0	MAX(A,B,C,D)= 7.3	6.8	6.8	6.8
HA= 96.5	HI= 55.8	GGW= 75.8	SL= 0.0	MAX(A,B,C,D)= 8.5	7.2	7.8	7.8
HA=100.4	HI= 55.8	GGW= 75.8	SL= 0.0	MAX(A,B,C,D)= 8.1	7.0	7.5	7.6
HA=110.2	HI= 55.8	GGW= 75.8	SL= 0.0	MAX(A,B,C,D)= 9.3	7.8	8.5	8.5
HA=114.5	HI= 55.8	GGW= 75.8	SL= 0.0	MAX(A,B,C,D)= 9.2	7.7	8.4	8.4
HA=124.3	HI= 55.8	GGW= 75.8	SL= 0.0	MAX(A,B,C,D)= 9.4	7.8	8.6	8.6
HA=130.9	HI= 55.8	GGW= 75.8	SL= 0.0	MAX(A,B,C,D)= 9.5	7.8	8.7	8.7

HA=138.1	HI= 55.8	GGW= 75.8	SL= 0.0	MAX(A,B,C,D)= 9.6	7.9	8.8	8.8
HA=145.0	HI= 55.8	GGW= 75.8	SL= 0.0	MAX(A,B,C,D)= 9.6	7.9	8.7	8.7
HA=152.2	HI= 55.8	GGW= 75.8	SL= 0.0	MAX(A,B,C,D)= 9.6	7.9	8.7	8.8
HA=161.4	HI= 55.8	GGW= 75.8	SL= 0.0	MAX(A,B,C,D)= 9.6	7.9	8.7	8.8
HA=166.0	HI= 55.8	GGW= 75.8	SL= 0.0	MAX(A,B,C,D)= 9.6	7.9	8.8	8.8
HA=175.5	HI= 55.8	GGW= 75.8	SL= 0.0	MAX(A,B,C,D)= 9.6	7.9	8.8	8.8
HA=180.1	HI= 55.8	GGW= 75.8	SL= 0.0	MAX(A,B,C,D)= 9.6	7.9	8.8	8.8
HA=191.9	HI= 55.8	GGW= 75.8	SL= 0.0	MAX(A,B,C,D)= 9.6	7.8	8.7	8.7
HA=193.9	HI= 55.8	GGW= 75.8	SL= 0.0	MAX(A,B,C,D)= 9.5	7.8	8.6	8.7
HA=205.7	HI= 55.8	GGW= 75.8	SL= 0.0	MAX(A,B,C,D)= 9.4	7.7	8.6	8.6
HA=208.0	HI= 55.8	GGW= 75.8	SL= 0.0	MAX(A,B,C,D)= 9.2	7.7	8.4	8.4
HA=222.4	HI= 55.8	GGW= 75.8	SL= 0.0	MAX(A,B,C,D)= 9.1	7.6	8.3	8.3
HA= 40.7	HI= 55.8	GGW= 68.6	SL= 0.0	MAX(A,B,C,D)= 8.1	8.1	6.9	7.5
HA= 54.5	HI= 55.8	GGW= 68.6	SL= 0.0	MAX(A,B,C,D)= 8.2	7.7	7.6	7.6
HA= 68.6	HI= 55.8	GGW= 68.6	SL= 0.0	MAX(A,B,C,D)= 8.1	7.3	7.6	7.6
HA= 70.2	HI= 55.8	GGW= 68.6	SL= 0.0	MAX(A,B,C,D)= 7.6	7.3	7.2	7.2
HA= 82.3	HI= 55.8	GGW= 68.6	SL= 0.0	MAX(A,B,C,D)= 9.0	7.5	8.3	8.3
HA= 84.0	HI= 55.8	GGW= 68.6	SL= 0.0	MAX(A,B,C,D)= 8.5	7.0	7.9	7.9
HA= 96.5	HI= 55.8	GGW= 68.6	SL= 0.0	MAX(A,B,C,D)= 9.1	7.6	8.4	8.4
HA=100.4	HI= 55.8	GGW= 68.6	SL= 0.0	MAX(A,B,C,D)= 9.1	7.6	8.3	8.3
HA=110.2	HI= 55.8	GGW= 68.6	SL= 0.0	MAX(A,B,C,D)= 9.2	7.6	8.5	8.5
HA=114.5	HI= 55.8	GGW= 68.6	SL= 0.0	MAX(A,B,C,D)= 9.3	7.6	8.5	8.5
HA=124.3	HI= 55.8	GGW= 68.6	SL= 0.0	MAX(A,B,C,D)= 9.3	7.6	8.5	8.6
HA=130.9	HI= 55.8	GGW= 68.6	SL= 0.0	MAX(A,B,C,D)= 9.3	7.6	8.5	8.5
HA=138.1	HI= 55.8	GGW= 68.6	SL= 0.0	MAX(A,B,C,D)= 9.3	7.6	8.5	8.5
HA=145.0	HI= 55.8	GGW= 68.6	SL= 0.0	MAX(A,B,C,D)= 9.2	7.6	8.5	8.5
HA=152.2	HI= 55.8	GGW= 68.6	SL= 0.0	MAX(A,B,C,D)= 9.3	7.7	8.5	8.5
HA=161.4	HI= 55.8	GGW= 68.6	SL= 0.0	MAX(A,B,C,D)= 9.3	7.7	8.5	8.5
HA=166.0	HI= 55.8	GGW= 68.6	SL= 0.0	MAX(A,B,C,D)= 9.3	7.7	8.5	8.6
HA=175.5	HI= 55.8	GGW= 68.6	SL= 0.0	MAX(A,B,C,D)= 9.3	7.7	8.5	8.5
HA=180.1	HI= 55.8	GGW= 68.6	SL= 0.0	MAX(A,B,C,D)= 9.2	7.6	8.4	8.5
HA=191.9	HI= 55.8	GGW= 68.6	SL= 0.0	MAX(A,B,C,D)= 9.1	7.5	8.4	8.4
HA=193.9	HI= 55.8	GGW= 68.6	SL= 0.0	MAX(A,B,C,D)= 8.9	7.5	8.2	8.2
HA=205.7	HI= 55.8	GGW= 68.6	SL= 0.0	MAX(A,B,C,D)= 8.8	7.4	8.1	8.1
HA=208.0	HI= 55.8	GGW= 68.6	SL= 0.0	MAX(A,B,C,D)= 8.7	7.4	8.0	8.0
HA=222.4	HI= 55.8	GGW= 68.6	SL= 0.0	MAX(A,B,C,D)= 8.6	7.3	7.9	7.9
HA= 40.7	HI= 55.8	GGW= 68.6	SL= 0.0	MAX(A,B,C,D)= 6.8	6.7	6.5	6.5
HA= 54.5	HI= 55.8	GGW= 68.6	SL= 0.0	MAX(A,B,C,D)= 7.6	6.8	7.1	7.1
HA= 68.6	HI= 55.8	GGW= 68.6	SL= 0.0	MAX(A,B,C,D)= 7.9	6.9	7.4	7.4
HA= 70.2	HI= 55.8	GGW= 68.6	SL= 0.0	MAX(A,B,C,D)= 7.5	6.7	7.0	7.0
HA= 82.3	HI= 55.8	GGW= 68.6	SL= 0.0	MAX(A,B,C,D)= 8.9	7.5	8.2	8.2
HA= 84.0	HI= 55.8	GGW= 68.6	SL= 0.0	MAX(A,B,C,D)= 8.3	7.0	7.7	7.8
HA= 96.5	HI= 55.8	GGW= 68.6	SL= 0.0	MAX(A,B,C,D)= 9.1	7.6	8.3	8.3
HA=100.4	HI= 55.8	GGW= 68.6	SL= 0.0	MAX(A,B,C,D)= 9.0	7.5	8.2	8.2
HA=110.2	HI= 55.8	GGW= 68.6	SL= 0.0	MAX(A,B,C,D)= 9.2	7.6	8.4	8.4
HA=114.5	HI= 55.8	GGW= 68.6	SL= 0.0	MAX(A,B,C,D)= 9.2	7.6	8.4	8.4
HA=124.3	HI= 55.8	GGW= 68.6	SL= 0.0	MAX(A,B,C,D)= 9.3	7.6	8.5	8.5
HA=130.9	HI= 55.8	GGW= 68.6	SL= 0.0	MAX(A,B,C,D)= 9.2	7.6	8.5	8.5
HA=138.1	HI= 55.8	GGW= 68.6	SL= 0.0	MAX(A,B,C,D)= 9.3	7.6	8.5	8.5
HA=145.0	HI= 55.8	GGW= 68.6	SL= 0.0	MAX(A,B,C,D)= 9.3	7.6	8.5	8.5
HA=152.2	HI= 55.8	GGW= 68.6	SL= 0.0	MAX(A,B,C,D)= 9.3	7.6	8.5	8.5
HA=161.4	HI= 55.8	GGW= 68.6	SL= 0.0	MAX(A,B,C,D)= 9.3	7.6	8.5	8.5
HA=166.0	HI= 55.8	GGW= 68.6	SL= 0.0	MAX(A,B,C,D)= 9.3	7.6	8.5	8.5
HA=175.5	HI= 55.8	GGW= 68.6	SL= 0.0	MAX(A,B,C,D)= 9.3	7.6	8.5	8.5

HA=180.1	HI= 55.8	GGW= 68.6	SL= 0.0	MAX(A,B,C,D)= 9.2	7.6	8.4	8.4
HA=191.9	HI= 55.8	GGW= 68.6	SL= 0.0	MAX(A,B,C,D)= 9.1	7.5	8.3	8.3
HA=193.9	HI= 55.8	GGW= 68.6	SL= 0.0	MAX(A,B,C,D)= 9.0	7.5	8.2	8.3
HA=205.7	HI= 55.8	GGW= 68.6	SL= 0.0	MAX(A,B,C,D)= 8.8	7.4	8.1	8.1
HA=208.0	HI= 55.8	GGW= 68.6	SL= 0.0	MAX(A,B,C,D)= 8.7	7.4	8.0	8.0
HA=222.4	HI= 55.8	GGW= 68.6	SL= 0.0	MAX(A,B,C,D)= 8.6	7.3	7.9	7.9
HA= 40.7	HI= 55.8	GGW= 68.6	SL= 0.0	MAX(A,B,C,D)= 6.1	6.1	5.7	5.8
HA= 54.5	HI= 55.8	GGW= 68.6	SL= 0.0	MAX(A,B,C,D)= 6.7	6.5	6.4	6.4
HA= 68.6	HI= 55.8	GGW= 68.6	SL= 0.0	MAX(A,B,C,D)= 6.9	6.5	6.6	6.6
HA= 70.2	HI= 55.8	GGW= 68.6	SL= 0.0	MAX(A,B,C,D)= 6.5	6.3	6.2	6.2
HA= 82.3	HI= 55.8	GGW= 68.6	SL= 0.0	MAX(A,B,C,D)= 8.0	6.9	7.4	7.5
HA= 84.0	HI= 55.8	GGW= 68.6	SL= 0.0	MAX(A,B,C,D)= 7.4	6.7	7.0	7.0
HA= 96.5	HI= 55.8	GGW= 68.6	SL= 0.0	MAX(A,B,C,D)= 8.5	7.1	7.9	7.9
HA=100.4	HI= 55.8	GGW= 68.6	SL= 0.0	MAX(A,B,C,D)= 8.2	6.9	7.7	7.7
HA=110.2	HI= 55.8	GGW= 68.6	SL= 0.0	MAX(A,B,C,D)= 9.0	7.6	8.2	8.3
HA=114.5	HI= 55.8	GGW= 68.6	SL= 0.0	MAX(A,B,C,D)= 9.1	7.6	8.3	8.3
HA=124.3	HI= 55.8	GGW= 68.6	SL= 0.0	MAX(A,B,C,D)= 9.2	7.6	8.4	8.4
HA=130.9	HI= 55.8	GGW= 68.6	SL= 0.0	MAX(A,B,C,D)= 9.2	7.6	8.4	8.4
HA=138.1	HI= 55.8	GGW= 68.6	SL= 0.0	MAX(A,B,C,D)= 9.3	7.6	8.5	8.5
HA=145.0	HI= 55.8	GGW= 68.6	SL= 0.0	MAX(A,B,C,D)= 9.2	7.6	8.4	8.5
HA=152.2	HI= 55.8	GGW= 68.6	SL= 0.0	MAX(A,B,C,D)= 9.2	7.6	8.5	8.5
HA=161.4	HI= 55.8	GGW= 68.6	SL= 0.0	MAX(A,B,C,D)= 9.3	7.6	8.5	8.5
HA=166.0	HI= 55.8	GGW= 68.6	SL= 0.0	MAX(A,B,C,D)= 9.2	7.6	8.5	8.5
HA=175.5	HI= 55.8	GGW= 68.6	SL= 0.0	MAX(A,B,C,D)= 9.2	7.6	8.5	8.5
HA=180.1	HI= 55.8	GGW= 68.6	SL= 0.0	MAX(A,B,C,D)= 9.2	7.6	8.5	8.5
HA=191.9	HI= 55.8	GGW= 68.6	SL= 0.0	MAX(A,B,C,D)= 9.1	7.5	8.3	8.4
HA=193.9	HI= 55.8	GGW= 68.6	SL= 0.0	MAX(A,B,C,D)= 9.0	7.5	8.3	8.3
HA=205.7	HI= 55.8	GGW= 68.6	SL= 0.0	MAX(A,B,C,D)= 8.9	7.5	8.2	8.2
HA=208.0	HI= 55.8	GGW= 68.6	SL= 0.0	MAX(A,B,C,D)= 8.7	7.4	8.0	8.0
HA=222.4	HI= 55.8	GGW= 68.6	SL= 0.0	MAX(A,B,C,D)= 8.6	7.3	7.9	7.9
HA= 40.7	HI= 55.8	GGW= 55.8	SL= 0.0	MAX(A,B,C,D)= 7.6	7.3	7.1	7.1
HA= 54.5	HI= 55.8	GGW= 55.8	SL= 0.0	MAX(A,B,C,D)= 8.3	7.1	7.7	7.7
HA= 68.6	HI= 55.8	GGW= 55.8	SL= 0.0	MAX(A,B,C,D)= 8.3	7.1	7.7	7.7
HA= 70.2	HI= 55.8	GGW= 55.8	SL= 0.0	MAX(A,B,C,D)= 7.8	6.6	7.4	7.4
HA= 82.3	HI= 55.8	GGW= 55.8	SL= 0.0	MAX(A,B,C,D)= 8.5	7.1	7.9	7.9
HA= 84.0	HI= 55.8	GGW= 55.8	SL= 0.0	MAX(A,B,C,D)= 8.5	7.1	7.8	7.9
HA= 96.5	HI= 55.8	GGW= 55.8	SL= 0.0	MAX(A,B,C,D)= 8.6	7.2	7.9	8.0
HA=100.4	HI= 55.8	GGW= 55.8	SL= 0.0	MAX(A,B,C,D)= 8.6	7.1	8.0	8.0
HA=110.2	HI= 55.8	GGW= 55.8	SL= 0.0	MAX(A,B,C,D)= 8.6	7.2	8.0	8.0
HA=114.5	HI= 55.8	GGW= 55.8	SL= 0.0	MAX(A,B,C,D)= 8.6	7.1	8.0	8.0
HA=124.3	HI= 55.8	GGW= 55.8	SL= 0.0	MAX(A,B,C,D)= 8.6	7.2	8.0	8.0
HA=130.9	HI= 55.8	GGW= 55.8	SL= 0.0	MAX(A,B,C,D)= 8.6	7.2	8.0	8.1
HA=138.1	HI= 55.8	GGW= 55.8	SL= 0.0	MAX(A,B,C,D)= 8.7	7.2	8.0	8.0
HA=145.0	HI= 55.8	GGW= 55.8	SL= 0.0	MAX(A,B,C,D)= 8.6	7.2	8.0	8.0
HA=152.2	HI= 55.8	GGW= 55.8	SL= 0.0	MAX(A,B,C,D)= 8.6	7.3	8.0	8.0
HA=161.4	HI= 55.8	GGW= 55.8	SL= 0.0	MAX(A,B,C,D)= 8.6	7.2	8.0	8.0
HA=166.0	HI= 55.8	GGW= 55.8	SL= 0.0	MAX(A,B,C,D)= 8.6	7.2	7.9	8.0
HA=175.5	HI= 55.8	GGW= 55.8	SL= 0.0	MAX(A,B,C,D)= 8.5	7.1	7.9	7.9
HA=180.1	HI= 55.8	GGW= 55.8	SL= 0.0	MAX(A,B,C,D)= 8.4	7.1	7.7	7.8
HA=191.9	HI= 55.8	GGW= 55.8	SL= 0.0	MAX(A,B,C,D)= 8.3	7.0	7.7	7.7
HA=193.9	HI= 55.8	GGW= 55.8	SL= 0.0	MAX(A,B,C,D)= 8.1	6.9	7.5	7.6
HA=205.7	HI= 55.8	GGW= 55.8	SL= 0.0	MAX(A,B,C,D)= 8.1	6.9	7.5	7.5
HA=208.0	HI= 55.8	GGW= 55.8	SL= 0.0	MAX(A,B,C,D)= 7.9	6.8	7.4	7.4
HA=222.4	HI= 55.8	GGW= 55.8	SL= 0.0	MAX(A,B,C,D)= 7.8	6.8	7.3	7.3

HA= 40.7 HI= 55.8 GGW= 55.8 SL= 0.0 MAX(A,B,C,D)= 7.0 6.4 6.7 6.7
HA= 54.5 HI= 55.8 GGW= 55.8 SL= 0.0 MAX(A,B,C,D)= 7.8 6.7 7.4 7.4
HA= 68.6 HI= 55.8 GGW= 55.8 SL= 0.0 MAX(A,B,C,D)= 8.1 7.0 7.5 7.6
HA= 70.2 HI= 55.8 GGW= 55.8 SL= 0.0 MAX(A,B,C,D)= 7.6 6.5 7.2 7.2
HA= 82.3 HI= 55.8 GGW= 55.8 SL= 0.0 MAX(A,B,C,D)= 8.4 7.1 7.8 7.8
HA= 84.0 HI= 55.8 GGW= 55.8 SL= 0.0 MAX(A,B,C,D)= 8.4 7.1 7.8 7.8
HA= 96.5 HI= 55.8 GGW= 55.8 SL= 0.0 MAX(A,B,C,D)= 8.5 7.1 7.9 7.9
HA=100.4 HI= 55.8 GGW= 55.8 SL= 0.0 MAX(A,B,C,D)= 8.5 7.1 7.9 7.9
HA=110.2 HI= 55.8 GGW= 55.8 SL= 0.0 MAX(A,B,C,D)= 8.6 7.1 7.9 8.0
HA=114.5 HI= 55.8 GGW= 55.8 SL= 0.0 MAX(A,B,C,D)= 8.6 7.1 8.0 8.0
HA=124.3 HI= 55.8 GGW= 55.8 SL= 0.0 MAX(A,B,C,D)= 8.6 7.1 8.1 8.1
HA=130.9 HI= 55.8 GGW= 55.8 SL= 0.0 MAX(A,B,C,D)= 8.6 7.1 8.1 8.1
HA=138.1 HI= 55.8 GGW= 55.8 SL= 0.0 MAX(A,B,C,D)= 8.6 7.2 8.0 8.0
HA=145.0 HI= 55.8 GGW= 55.8 SL= 0.0 MAX(A,B,C,D)= 8.6 7.1 8.0 8.0
HA=152.2 HI= 55.8 GGW= 55.8 SL= 0.0 MAX(A,B,C,D)= 8.6 7.1 8.0 8.0
HA=161.4 HI= 55.8 GGW= 55.8 SL= 0.0 MAX(A,B,C,D)= 8.6 7.1 7.9 8.0
HA=166.0 HI= 55.8 GGW= 55.8 SL= 0.0 MAX(A,B,C,D)= 8.6 7.2 7.9 7.9
HA=175.5 HI= 55.8 GGW= 55.8 SL= 0.0 MAX(A,B,C,D)= 8.5 7.1 7.9 7.9
HA=180.1 HI= 55.8 GGW= 55.8 SL= 0.0 MAX(A,B,C,D)= 8.4 7.1 7.8 7.8
HA=191.9 HI= 55.8 GGW= 55.8 SL= 0.0 MAX(A,B,C,D)= 8.3 7.0 7.7 7.7
HA=193.9 HI= 55.8 GGW= 55.8 SL= 0.0 MAX(A,B,C,D)= 8.1 7.0 7.6 7.6
HA=205.7 HI= 55.8 GGW= 55.8 SL= 0.0 MAX(A,B,C,D)= 8.0 6.9 7.5 7.5
HA=208.0 HI= 55.8 GGW= 55.8 SL= 0.0 MAX(A,B,C,D)= 7.9 6.8 7.4 7.4
HA=222.4 HI= 55.8 GGW= 55.8 SL= 0.0 MAX(A,B,C,D)= 7.8 6.8 7.3 7.3
HA= 40.7 HI= 55.8 GGW= 55.8 SL= 0.0 MAX(A,B,C,D)= 6.1 6.0 5.8 5.8
HA= 54.5 HI= 55.8 GGW= 55.8 SL= 0.0 MAX(A,B,C,D)= 7.0 6.4 6.6 6.6
HA= 68.6 HI= 55.8 GGW= 55.8 SL= 0.0 MAX(A,B,C,D)= 7.1 6.4 6.8 6.8
HA= 70.2 HI= 55.8 GGW= 55.8 SL= 0.0 MAX(A,B,C,D)= 6.7 6.2 6.4 6.4
HA= 82.3 HI= 55.8 GGW= 55.8 SL= 0.0 MAX(A,B,C,D)= 8.1 7.0 7.6 7.6
HA= 84.0 HI= 55.8 GGW= 55.8 SL= 0.0 MAX(A,B,C,D)= 7.6 6.5 7.1 7.2
HA= 96.5 HI= 55.8 GGW= 55.8 SL= 0.0 MAX(A,B,C,D)= 8.3 7.1 7.7 7.7
HA=100.4 HI= 55.8 GGW= 55.8 SL= 0.0 MAX(A,B,C,D)= 8.3 7.0 7.7 7.7
HA=110.2 HI= 55.8 GGW= 55.8 SL= 0.0 MAX(A,B,C,D)= 8.4 7.1 7.8 7.8
HA=114.5 HI= 55.8 GGW= 55.8 SL= 0.0 MAX(A,B,C,D)= 8.5 7.1 7.9 7.9
HA=124.3 HI= 55.8 GGW= 55.8 SL= 0.0 MAX(A,B,C,D)= 8.6 7.1 7.9 7.9
HA=130.9 HI= 55.8 GGW= 55.8 SL= 0.0 MAX(A,B,C,D)= 8.6 7.1 7.9 7.9
HA=138.1 HI= 55.8 GGW= 55.8 SL= 0.0 MAX(A,B,C,D)= 8.6 7.1 8.0 8.0
HA=145.0 HI= 55.8 GGW= 55.8 SL= 0.0 MAX(A,B,C,D)= 8.6 7.1 7.9 7.9
HA=152.2 HI= 55.8 GGW= 55.8 SL= 0.0 MAX(A,B,C,D)= 8.6 7.1 8.0 8.0
HA=161.4 HI= 55.8 GGW= 55.8 SL= 0.0 MAX(A,B,C,D)= 8.6 7.1 8.0 8.0
HA=166.0 HI= 55.8 GGW= 55.8 SL= 0.0 MAX(A,B,C,D)= 8.6 7.1 7.9 8.0
HA=175.5 HI= 55.8 GGW= 55.8 SL= 0.0 MAX(A,B,C,D)= 8.5 7.1 7.9 7.9
HA=180.1 HI= 55.8 GGW= 55.8 SL= 0.0 MAX(A,B,C,D)= 8.4 7.1 7.8 7.8
HA=191.9 HI= 55.8 GGW= 55.8 SL= 0.0 MAX(A,B,C,D)= 8.3 7.0 7.7 7.7
HA=193.9 HI= 55.8 GGW= 55.8 SL= 0.0 MAX(A,B,C,D)= 8.2 7.0 7.6 7.7
HA=205.7 HI= 55.8 GGW= 55.8 SL= 0.0 MAX(A,B,C,D)= 8.0 6.9 7.5 7.5
HA=208.0 HI= 55.8 GGW= 55.8 SL= 0.0 MAX(A,B,C,D)= 7.9 6.9 7.4 7.4
HA=208.0 HI= 55.8 GGW= 55.8 SL= 0.0 MAX(A,B,C,D)= 0.0 0.0 0.0 0.0
HA= 40.7 HI= 55.8 GGW= 48.7 SL= 0.0 MAX(A,B,C,D)= 7.7 6.8 7.3 7.3
HA= 54.5 HI= 55.8 GGW= 48.7 SL= 0.0 MAX(A,B,C,D)= 8.0 6.9 7.5 7.5
HA= 68.6 HI= 55.8 GGW= 48.7 SL= 0.0 MAX(A,B,C,D)= 8.1 6.9 7.6 7.6
HA= 70.2 HI= 55.8 GGW= 48.7 SL= 0.0 MAX(A,B,C,D)= 7.9 6.8 7.4 7.4
HA= 82.3 HI= 55.8 GGW= 48.7 SL= 0.0 MAX(A,B,C,D)= 8.2 6.9 7.6 7.7
HA= 84.0 HI= 55.8 GGW= 48.7 SL= 0.0 MAX(A,B,C,D)= 8.2 6.9 7.6 7.7

HA= 96.5 HI= 55.8 GGW= 48.7 SL= 0.0 MAX(A,B,C,D)= 8.3 6.9 7.7 7.7
HA=100.4 HI= 55.8 GGW= 48.7 SL= 0.0 MAX(A,B,C,D)= 8.3 6.9 7.7 7.8
HA=110.2 HI= 55.8 GGW= 48.7 SL= 0.0 MAX(A,B,C,D)= 8.3 7.0 7.8 7.8
HA=114.5 HI= 55.8 GGW= 48.7 SL= 0.0 MAX(A,B,C,D)= 8.3 6.9 7.8 7.8
HA=124.3 HI= 55.8 GGW= 48.7 SL= 0.0 MAX(A,B,C,D)= 8.3 7.0 7.7 7.8
HA=130.9 HI= 55.8 GGW= 48.7 SL= 0.0 MAX(A,B,C,D)= 8.3 7.0 7.8 7.8
HA=138.1 HI= 55.8 GGW= 48.7 SL= 0.0 MAX(A,B,C,D)= 8.3 7.0 7.7 7.8
HA=145.0 HI= 55.8 GGW= 48.7 SL= 0.0 MAX(A,B,C,D)= 8.3 7.0 7.8 7.8
HA=152.2 HI= 55.8 GGW= 48.7 SL= 0.0 MAX(A,B,C,D)= 8.3 7.0 7.7 7.7
HA=161.4 HI= 55.8 GGW= 48.7 SL= 0.0 MAX(A,B,C,D)= 8.3 6.9 7.8 7.8
HA=166.0 HI= 55.8 GGW= 48.7 SL= 0.0 MAX(A,B,C,D)= 8.2 6.9 7.6 7.6
HA=175.5 HI= 55.8 GGW= 48.7 SL= 0.0 MAX(A,B,C,D)= 8.0 6.8 7.5 7.5
HA=180.1 HI= 55.8 GGW= 48.7 SL= 0.0 MAX(A,B,C,D)= 7.9 6.7 7.4 7.4
HA=191.9 HI= 55.8 GGW= 48.7 SL= 0.0 MAX(A,B,C,D)= 7.8 6.7 7.3 7.4
HA=193.9 HI= 55.8 GGW= 48.7 SL= 0.0 MAX(A,B,C,D)= 7.6 6.7 7.2 7.2
HA=205.7 HI= 55.8 GGW= 48.7 SL= 0.0 MAX(A,B,C,D)= 7.6 6.6 7.1 7.2
HA=208.0 HI= 55.8 GGW= 48.7 SL= 0.0 MAX(A,B,C,D)= 7.5 6.5 7.0 7.1
HA=222.4 HI= 55.8 GGW= 48.7 SL= 0.0 MAX(A,B,C,D)= 7.3 6.3 6.9 7.0
HA= 40.7 HI= 55.8 GGW= 48.7 SL= 0.0 MAX(A,B,C,D)= 7.2 6.3 6.8 6.8
HA= 54.5 HI= 55.8 GGW= 48.7 SL= 0.0 MAX(A,B,C,D)= 7.9 6.9 7.4 7.4
HA= 68.6 HI= 55.8 GGW= 48.7 SL= 0.0 MAX(A,B,C,D)= 8.0 6.9 7.5 7.5
HA= 70.2 HI= 55.8 GGW= 48.7 SL= 0.0 MAX(A,B,C,D)= 7.7 6.7 7.2 7.3
HA= 82.3 HI= 55.8 GGW= 48.7 SL= 0.0 MAX(A,B,C,D)= 8.2 6.9 7.6 7.6
HA= 84.0 HI= 55.8 GGW= 48.7 SL= 0.0 MAX(A,B,C,D)= 8.1 6.8 7.6 7.6
HA= 96.5 HI= 55.8 GGW= 48.7 SL= 0.0 MAX(A,B,C,D)= 8.2 6.9 7.6 7.7
HA=100.4 HI= 55.8 GGW= 48.7 SL= 0.0 MAX(A,B,C,D)= 8.3 6.9 7.7 7.7
HA=110.2 HI= 55.8 GGW= 48.7 SL= 0.0 MAX(A,B,C,D)= 8.3 6.9 7.7 7.7
HA=114.5 HI= 55.8 GGW= 48.7 SL= 0.0 MAX(A,B,C,D)= 8.3 6.9 7.8 7.8
HA=124.3 HI= 55.8 GGW= 48.7 SL= 0.0 MAX(A,B,C,D)= 8.3 6.9 7.8 7.8
HA=130.9 HI= 55.8 GGW= 48.7 SL= 0.0 MAX(A,B,C,D)= 8.3 6.9 7.8 7.8
HA=138.1 HI= 55.8 GGW= 48.7 SL= 0.0 MAX(A,B,C,D)= 8.3 6.9 7.7 7.7
HA=145.0 HI= 55.8 GGW= 48.7 SL= 0.0 MAX(A,B,C,D)= 8.3 6.9 7.7 7.7
HA=152.2 HI= 55.8 GGW= 48.7 SL= 0.0 MAX(A,B,C,D)= 8.3 6.9 7.7 7.7
HA=161.4 HI= 55.8 GGW= 48.7 SL= 0.0 MAX(A,B,C,D)= 8.3 6.9 7.7 7.7
HA=166.0 HI= 55.8 GGW= 48.7 SL= 0.0 MAX(A,B,C,D)= 8.1 6.9 7.6 7.6
HA=175.5 HI= 55.8 GGW= 48.7 SL= 0.0 MAX(A,B,C,D)= 8.0 6.8 7.5 7.5
HA=180.1 HI= 55.8 GGW= 48.7 SL= 0.0 MAX(A,B,C,D)= 7.9 6.8 7.4 7.4
HA=191.9 HI= 55.8 GGW= 48.7 SL= 0.0 MAX(A,B,C,D)= 7.8 6.7 7.3 7.4
HA=193.9 HI= 55.8 GGW= 48.7 SL= 0.0 MAX(A,B,C,D)= 7.7 6.6 7.2 7.3
HA=205.7 HI= 55.8 GGW= 48.7 SL= 0.0 MAX(A,B,C,D)= 7.6 6.6 7.1 7.1
HA=208.0 HI= 55.8 GGW= 48.7 SL= 0.0 MAX(A,B,C,D)= 7.5 6.6 7.0 7.1
HA=208.0 HI= 55.8 GGW= 48.7 SL= 0.0 MAX(A,B,C,D)= 0.0 0.0 0.0 0.0
HA= 40.7 HI= 55.8 GGW= 48.7 SL= 0.0 MAX(A,B,C,D)= 6.1 5.9 5.9 5.9
HA= 54.5 HI= 55.8 GGW= 48.7 SL= 0.0 MAX(A,B,C,D)= 7.1 6.3 6.8 6.8
HA= 68.6 HI= 55.8 GGW= 48.7 SL= 0.0 MAX(A,B,C,D)= 7.3 6.3 6.9 6.9
HA= 70.2 HI= 55.8 GGW= 48.7 SL= 0.0 MAX(A,B,C,D)= 6.8 6.1 6.5 6.5
HA= 82.3 HI= 55.8 GGW= 48.7 SL= 0.0 MAX(A,B,C,D)= 8.0 6.8 7.4 7.5
HA= 84.0 HI= 55.8 GGW= 48.7 SL= 0.0 MAX(A,B,C,D)= 7.7 6.7 7.2 7.2
HA= 96.5 HI= 55.8 GGW= 48.7 SL= 0.0 MAX(A,B,C,D)= 8.0 6.8 7.5 7.5
HA=100.4 HI= 55.8 GGW= 48.7 SL= 0.0 MAX(A,B,C,D)= 8.0 6.8 7.5 7.5
HA=110.2 HI= 55.8 GGW= 48.7 SL= 0.0 MAX(A,B,C,D)= 8.2 6.8 7.6 7.6
HA=114.5 HI= 55.8 GGW= 48.7 SL= 0.0 MAX(A,B,C,D)= 8.2 6.8 7.6 7.6
HA=124.3 HI= 55.8 GGW= 48.7 SL= 0.0 MAX(A,B,C,D)= 8.2 6.9 7.6 7.7
HA=130.9 HI= 55.8 GGW= 48.7 SL= 0.0 MAX(A,B,C,D)= 8.2 6.9 7.6 7.6

HA=138.1	HI= 55.8	GGW= 48.7	SL= 0.0	MAX(A,B,C,D)= 8.3	6.9	7.7	7.8
HA=145.0	HI= 55.8	GGW= 48.7	SL= 0.0	MAX(A,B,C,D)= 8.2	6.9	7.6	7.7
HA=152.2	HI= 55.8	GGW= 48.7	SL= 0.0	MAX(A,B,C,D)= 8.3	6.9	7.7	7.7
HA=161.4	HI= 55.8	GGW= 48.7	SL= 0.0	MAX(A,B,C,D)= 8.2	6.9	7.6	7.7
HA=166.0	HI= 55.8	GGW= 48.7	SL= 0.0	MAX(A,B,C,D)= 8.2	6.9	7.6	7.6
HA=175.5	HI= 55.8	GGW= 48.7	SL= 0.0	MAX(A,B,C,D)= 8.1	6.8	7.5	7.5
HA=180.1	HI= 55.8	GGW= 48.7	SL= 0.0	MAX(A,B,C,D)= 7.9	6.8	7.4	7.4
HA=191.9	HI= 55.8	GGW= 48.7	SL= 0.0	MAX(A,B,C,D)= 7.8	6.7	7.3	7.3
HA=193.9	HI= 55.8	GGW= 48.7	SL= 0.0	MAX(A,B,C,D)= 7.7	6.7	7.2	7.3
HA=205.7	HI= 55.8	GGW= 48.7	SL= 0.0	MAX(A,B,C,D)= 7.6	6.6	7.1	7.2
HA=205.7	HI= 55.8	GGW= 48.7	SL= 0.0	MAX(A,B,C,D)= 0.0	0.0	0.0	0.0
HA=205.7	HI= 55.8	GGW= 48.7	SL= 0.0	MAX(A,B,C,D)= 0.0	0.0	0.0	0.0
HA= 40.7	HI= 55.8	GGW= 39.7	SL= 0.0	MAX(A,B,C,D)= 7.6	6.6	7.1	7.2
HA= 54.5	HI= 55.8	GGW= 39.7	SL= 0.0	MAX(A,B,C,D)= 7.6	6.6	7.2	7.2
HA= 68.6	HI= 55.8	GGW= 39.7	SL= 0.0	MAX(A,B,C,D)= 7.7	6.6	7.3	7.3
HA= 70.2	HI= 55.8	GGW= 39.7	SL= 0.0	MAX(A,B,C,D)= 7.7	6.6	7.3	7.3
HA= 82.3	HI= 55.8	GGW= 39.7	SL= 0.0	MAX(A,B,C,D)= 7.8	6.6	7.3	7.3
HA= 84.0	HI= 55.8	GGW= 39.7	SL= 0.0	MAX(A,B,C,D)= 7.9	6.6	7.4	7.4
HA= 96.5	HI= 55.8	GGW= 39.7	SL= 0.0	MAX(A,B,C,D)= 7.9	6.7	7.5	7.5
HA=100.4	HI= 55.8	GGW= 39.7	SL= 0.0	MAX(A,B,C,D)= 7.9	6.6	7.5	7.5
HA=110.2	HI= 55.8	GGW= 39.7	SL= 0.0	MAX(A,B,C,D)= 7.8	6.7	7.5	7.5
HA=114.5	HI= 55.8	GGW= 39.7	SL= 0.0	MAX(A,B,C,D)= 7.8	6.7	7.5	7.5
HA=124.3	HI= 55.8	GGW= 39.7	SL= 0.0	MAX(A,B,C,D)= 7.8	6.7	7.4	7.5
HA=130.9	HI= 55.8	GGW= 39.7	SL= 0.0	MAX(A,B,C,D)= 7.8	6.7	7.5	7.5
HA=138.1	HI= 55.8	GGW= 39.7	SL= 0.0	MAX(A,B,C,D)= 7.9	6.7	7.4	7.5
HA=145.0	HI= 55.8	GGW= 39.7	SL= 0.0	MAX(A,B,C,D)= 7.8	6.7	7.3	7.4
HA=152.2	HI= 55.8	GGW= 39.7	SL= 0.0	MAX(A,B,C,D)= 7.8	6.6	7.3	7.4
HA=161.4	HI= 55.8	GGW= 39.7	SL= 0.0	MAX(A,B,C,D)= 7.7	6.6	7.2	7.3
HA=166.0	HI= 55.8	GGW= 39.7	SL= 0.0	MAX(A,B,C,D)= 7.5	6.5	7.1	7.1
HA=175.5	HI= 55.8	GGW= 39.7	SL= 0.0	MAX(A,B,C,D)= 7.5	6.4	7.1	7.1
HA=180.1	HI= 55.8	GGW= 39.7	SL= 0.0	MAX(A,B,C,D)= 7.4	6.4	6.9	7.0
HA=191.9	HI= 55.8	GGW= 39.7	SL= 0.0	MAX(A,B,C,D)= 7.3	6.3	6.9	6.9
HA=193.9	HI= 55.8	GGW= 39.7	SL= 0.0	MAX(A,B,C,D)= 7.2	6.3	6.8	6.8
HA=205.7	HI= 55.8	GGW= 39.7	SL= 0.0	MAX(A,B,C,D)= 7.0	6.2	6.7	6.7
HA=208.0	HI= 55.8	GGW= 39.7	SL= 0.0	MAX(A,B,C,D)= 6.9	6.1	6.6	6.6
HA=208.0	HI= 55.8	GGW= 39.7	SL= 0.0	MAX(A,B,C,D)= 0.0	0.0	0.0	0.0
HA= 40.7	HI= 55.8	GGW= 39.7	SL= 0.0	MAX(A,B,C,D)= 7.3	6.2	6.9	7.0
HA= 54.5	HI= 55.8	GGW= 39.7	SL= 0.0	MAX(A,B,C,D)= 7.5	6.5	7.1	7.1
HA= 68.6	HI= 55.8	GGW= 39.7	SL= 0.0	MAX(A,B,C,D)= 7.6	6.5	7.2	7.2
HA= 70.2	HI= 55.8	GGW= 39.7	SL= 0.0	MAX(A,B,C,D)= 7.6	6.5	7.1	7.2
HA= 82.3	HI= 55.8	GGW= 39.7	SL= 0.0	MAX(A,B,C,D)= 7.8	6.6	7.3	7.4
HA= 84.0	HI= 55.8	GGW= 39.7	SL= 0.0	MAX(A,B,C,D)= 7.8	6.5	7.3	7.3
HA= 96.5	HI= 55.8	GGW= 39.7	SL= 0.0	MAX(A,B,C,D)= 7.8	6.6	7.4	7.4
HA=100.4	HI= 55.8	GGW= 39.7	SL= 0.0	MAX(A,B,C,D)= 7.8	6.6	7.3	7.4
HA=110.2	HI= 55.8	GGW= 39.7	SL= 0.0	MAX(A,B,C,D)= 7.8	6.6	7.5	7.5
HA=114.5	HI= 55.8	GGW= 39.7	SL= 0.0	MAX(A,B,C,D)= 7.8	6.6	7.4	7.5
HA=124.3	HI= 55.8	GGW= 39.7	SL= 0.0	MAX(A,B,C,D)= 7.8	6.6	7.3	7.3
HA=130.9	HI= 55.8	GGW= 39.7	SL= 0.0	MAX(A,B,C,D)= 7.8	6.6	7.3	7.3
HA=138.1	HI= 55.8	GGW= 39.7	SL= 0.0	MAX(A,B,C,D)= 7.8	6.6	7.3	7.4
HA=145.0	HI= 55.8	GGW= 39.7	SL= 0.0	MAX(A,B,C,D)= 7.8	6.6	7.3	7.4
HA=152.2	HI= 55.8	GGW= 39.7	SL= 0.0	MAX(A,B,C,D)= 7.8	6.6	7.3	7.4
HA=161.4	HI= 55.8	GGW= 39.7	SL= 0.0	MAX(A,B,C,D)= 7.7	6.5	7.2	7.2
HA=166.0	HI= 55.8	GGW= 39.7	SL= 0.0	MAX(A,B,C,D)= 7.6	6.5	7.1	7.1
HA=175.5	HI= 55.8	GGW= 39.7	SL= 0.0	MAX(A,B,C,D)= 7.5	6.4	7.1	7.1

HA=180.1	HI= 55.8	GGW= 39.7	SL= 0.0	MAX(A,B,C,D)= 7.4	6.4	6.9	7.0
HA=191.9	HI= 55.8	GGW= 39.7	SL= 0.0	MAX(A,B,C,D)= 7.3	6.3	6.9	6.9
HA=193.9	HI= 55.8	GGW= 39.7	SL= 0.0	MAX(A,B,C,D)= 7.1	6.3	6.8	6.8
HA=193.9	HI= 55.8	GGW= 39.7	SL= 0.0	MAX(A,B,C,D)= 0.0	0.0	0.0	0.0
HA=193.9	HI= 55.8	GGW= 39.7	SL= 0.0	MAX(A,B,C,D)= 0.0	0.0	0.0	0.0
HA=193.9	HI= 55.8	GGW= 39.7	SL= 0.0	MAX(A,B,C,D)= 0.0	0.0	0.0	0.0
HA= 40.7	HI= 55.8	GGW= 39.7	SL= 0.0	MAX(A,B,C,D)= 6.2	5.9	6.1	6.1
HA= 54.5	HI= 55.8	GGW= 39.7	SL= 0.0	MAX(A,B,C,D)= 7.2	6.2	6.9	6.9
HA= 68.6	HI= 55.8	GGW= 39.7	SL= 0.0	MAX(A,B,C,D)= 7.4	6.5	6.9	7.0
HA= 70.2	HI= 55.8	GGW= 39.7	SL= 0.0	MAX(A,B,C,D)= 6.9	6.0	6.7	6.7
HA= 82.3	HI= 55.8	GGW= 39.7	SL= 0.0	MAX(A,B,C,D)= 7.6	6.5	7.1	7.2
HA= 84.0	HI= 55.8	GGW= 39.7	SL= 0.0	MAX(A,B,C,D)= 7.5	6.5	7.1	7.1
HA= 96.5	HI= 55.8	GGW= 39.7	SL= 0.0	MAX(A,B,C,D)= 7.6	6.5	7.1	7.1
HA=100.4	HI= 55.8	GGW= 39.7	SL= 0.0	MAX(A,B,C,D)= 7.7	6.5	7.2	7.2
HA=110.2	HI= 55.8	GGW= 39.7	SL= 0.0	MAX(A,B,C,D)= 7.8	6.5	7.3	7.3
HA=114.5	HI= 55.8	GGW= 39.7	SL= 0.0	MAX(A,B,C,D)= 7.8	6.5	7.3	7.4
HA=124.3	HI= 55.8	GGW= 39.7	SL= 0.0	MAX(A,B,C,D)= 7.8	6.5	7.4	7.5
HA=130.9	HI= 55.8	GGW= 39.7	SL= 0.0	MAX(A,B,C,D)= 7.8	6.5	7.4	7.4
HA=138.1	HI= 55.8	GGW= 39.7	SL= 0.0	MAX(A,B,C,D)= 7.8	6.6	7.3	7.4
HA=145.0	HI= 55.8	GGW= 39.7	SL= 0.0	MAX(A,B,C,D)= 7.8	6.5	7.4	7.4
HA=152.2	HI= 55.8	GGW= 39.7	SL= 0.0	MAX(A,B,C,D)= 7.8	6.6	7.3	7.4
HA=161.4	HI= 55.8	GGW= 39.7	SL= 0.0	MAX(A,B,C,D)= 7.7	6.5	7.3	7.3
HA=166.0	HI= 55.8	GGW= 39.7	SL= 0.0	MAX(A,B,C,D)= 7.6	6.5	7.1	7.1
HA=175.5	HI= 55.8	GGW= 39.7	SL= 0.0	MAX(A,B,C,D)= 7.5	6.5	7.1	7.1
HA=180.1	HI= 55.8	GGW= 39.7	SL= 0.0	MAX(A,B,C,D)= 7.4	6.4	7.0	7.0
HA=191.9	HI= 55.8	GGW= 39.7	SL= 0.0	MAX(A,B,C,D)= 7.3	6.3	6.9	6.9
HA=193.9	HI= 55.8	GGW= 39.7	SL= 0.0	MAX(A,B,C,D)= 7.1	6.3	6.8	6.8
HA=193.9	HI= 55.8	GGW= 39.7	SL= 0.0	MAX(A,B,C,D)= 0.0	0.0	0.0	0.0
HA=193.9	HI= 55.8	GGW= 39.7	SL= 0.0	MAX(A,B,C,D)= 0.0	0.0	0.0	0.0
HA=193.9	HI= 55.8	GGW= 39.7	SL= 0.0	MAX(A,B,C,D)= 0.0	0.0	0.0	0.0
HA= 40.7	HI= 55.8	GGW= 35.9	SL= 0.0	MAX(A,B,C,D)= 7.5	6.5	7.0	7.1
HA= 54.5	HI= 55.8	GGW= 35.9	SL= 0.0	MAX(A,B,C,D)= 7.5	6.5	7.0	7.0
HA= 68.6	HI= 55.8	GGW= 35.9	SL= 0.0	MAX(A,B,C,D)= 7.5	6.4	7.1	7.1
HA= 70.2	HI= 55.8	GGW= 35.9	SL= 0.0	MAX(A,B,C,D)= 7.5	6.4	7.1	7.1
HA= 82.3	HI= 55.8	GGW= 35.9	SL= 0.0	MAX(A,B,C,D)= 7.7	6.5	7.2	7.3
HA= 84.0	HI= 55.8	GGW= 35.9	SL= 0.0	MAX(A,B,C,D)= 7.6	6.5	7.2	7.2
HA= 96.5	HI= 55.8	GGW= 35.9	SL= 0.0	MAX(A,B,C,D)= 7.7	6.6	7.3	7.3
HA=100.4	HI= 55.8	GGW= 35.9	SL= 0.0	MAX(A,B,C,D)= 7.6	6.5	7.3	7.3
HA=110.2	HI= 55.8	GGW= 35.9	SL= 0.0	MAX(A,B,C,D)= 7.7	6.6	7.3	7.3
HA=114.5	HI= 55.8	GGW= 35.9	SL= 0.0	MAX(A,B,C,D)= 7.6	6.5	7.3	7.3
HA=124.3	HI= 55.8	GGW= 35.9	SL= 0.0	MAX(A,B,C,D)= 7.6	6.6	7.3	7.3
HA=130.9	HI= 55.8	GGW= 35.9	SL= 0.0	MAX(A,B,C,D)= 7.7	6.6	7.3	7.3
HA=138.1	HI= 55.8	GGW= 35.9	SL= 0.0	MAX(A,B,C,D)= 7.6	6.6	7.2	7.3
HA=145.0	HI= 55.8	GGW= 35.9	SL= 0.0	MAX(A,B,C,D)= 7.6	6.5	7.3	7.3
HA=152.2	HI= 55.8	GGW= 35.9	SL= 0.0	MAX(A,B,C,D)= 7.5	6.4	7.1	7.1
HA=161.4	HI= 55.8	GGW= 35.9	SL= 0.0	MAX(A,B,C,D)= 7.4	6.4	7.0	7.0
HA=166.0	HI= 55.8	GGW= 35.9	SL= 0.0	MAX(A,B,C,D)= 7.4	6.3	7.0	7.0
HA=175.5	HI= 55.8	GGW= 35.9	SL= 0.0	MAX(A,B,C,D)= 7.2	6.3	6.8	6.9
HA=180.1	HI= 55.8	GGW= 35.9	SL= 0.0	MAX(A,B,C,D)= 7.1	6.2	6.8	6.8
HA=191.9	HI= 55.8	GGW= 35.9	SL= 0.0	MAX(A,B,C,D)= 7.0	6.1	6.6	6.7
HA=193.9	HI= 55.8	GGW= 35.9	SL= 0.0	MAX(A,B,C,D)= 6.9	6.1	6.6	6.6
HA=205.7	HI= 55.8	GGW= 35.9	SL= 0.0	MAX(A,B,C,D)= 6.8	6.0	6.5	6.5
HA=208.0	HI= 55.8	GGW= 35.9	SL= 0.0	MAX(A,B,C,D)= 6.7	6.0	6.4	6.4
HA=208.0	HI= 55.8	GGW= 35.9	SL= 0.0	MAX(A,B,C,D)= 0.0	0.0	0.0	0.0

HA= 40.7	HI= 55.8	GGW= 35.9	SL= 0.0	MAX(A,B,C,D)= 7.3	6.4	6.9	6.9
HA= 54.5	HI= 55.8	GGW= 35.9	SL= 0.0	MAX(A,B,C,D)= 7.4	6.4	7.0	7.0
HA= 68.6	HI= 55.8	GGW= 35.9	SL= 0.0	MAX(A,B,C,D)= 7.5	6.4	7.1	7.1
HA= 70.2	HI= 55.8	GGW= 35.9	SL= 0.0	MAX(A,B,C,D)= 7.5	6.4	7.1	7.1
HA= 82.3	HI= 55.8	GGW= 35.9	SL= 0.0	MAX(A,B,C,D)= 7.6	6.4	7.1	7.1
HA= 84.0	HI= 55.8	GGW= 35.9	SL= 0.0	MAX(A,B,C,D)= 7.6	6.4	7.2	7.2
HA= 96.5	HI= 55.8	GGW= 35.9	SL= 0.0	MAX(A,B,C,D)= 7.7	6.4	7.3	7.4
HA=100.4	HI= 55.8	GGW= 35.9	SL= 0.0	MAX(A,B,C,D)= 7.7	6.4	7.3	7.3
HA=110.2	HI= 55.8	GGW= 35.9	SL= 0.0	MAX(A,B,C,D)= 7.6	6.5	7.3	7.3
HA=114.5	HI= 55.8	GGW= 35.9	SL= 0.0	MAX(A,B,C,D)= 7.6	6.4	7.3	7.3
HA=124.3	HI= 55.8	GGW= 35.9	SL= 0.0	MAX(A,B,C,D)= 7.6	6.5	7.3	7.3
HA=130.9	HI= 55.8	GGW= 35.9	SL= 0.0	MAX(A,B,C,D)= 7.6	6.4	7.3	7.3
HA=138.1	HI= 55.8	GGW= 35.9	SL= 0.0	MAX(A,B,C,D)= 7.6	6.5	7.3	7.3
HA=145.0	HI= 55.8	GGW= 35.9	SL= 0.0	MAX(A,B,C,D)= 7.6	6.5	7.3	7.3
HA=152.2	HI= 55.8	GGW= 35.9	SL= 0.0	MAX(A,B,C,D)= 7.5	6.4	7.1	7.1
HA=161.4	HI= 55.8	GGW= 35.9	SL= 0.0	MAX(A,B,C,D)= 7.4	6.4	7.0	7.0
HA=166.0	HI= 55.8	GGW= 35.9	SL= 0.0	MAX(A,B,C,D)= 7.3	6.3	6.9	6.9
HA=175.5	HI= 55.8	GGW= 35.9	SL= 0.0	MAX(A,B,C,D)= 7.2	6.3	6.8	6.9
HA=180.1	HI= 55.8	GGW= 35.9	SL= 0.0	MAX(A,B,C,D)= 7.1	6.2	6.8	6.8
HA=191.9	HI= 55.8	GGW= 35.9	SL= 0.0	MAX(A,B,C,D)= 7.0	6.1	6.7	6.7
HA=193.9	HI= 55.8	GGW= 35.9	SL= 0.0	MAX(A,B,C,D)= 6.9	6.1	6.6	6.6
HA=193.9	HI= 55.8	GGW= 35.9	SL= 0.0	MAX(A,B,C,D)= 0.0	0.0	0.0	0.0
HA=193.9	HI= 55.8	GGW= 35.9	SL= 0.0	MAX(A,B,C,D)= 0.0	0.0	0.0	0.0
HA=193.9	HI= 55.8	GGW= 35.9	SL= 0.0	MAX(A,B,C,D)= 0.0	0.0	0.0	0.0
HA= 40.7	HI= 55.8	GGW= 35.9	SL= 0.0	MAX(A,B,C,D)= 6.3	5.8	6.1	6.1
HA= 54.5	HI= 55.8	GGW= 35.9	SL= 0.0	MAX(A,B,C,D)= 7.3	6.4	6.9	6.9
HA= 68.6	HI= 55.8	GGW= 35.9	SL= 0.0	MAX(A,B,C,D)= 7.4	6.3	6.9	7.0
HA= 70.2	HI= 55.8	GGW= 35.9	SL= 0.0	MAX(A,B,C,D)= 7.0	6.2	6.6	6.7
HA= 82.3	HI= 55.8	GGW= 35.9	SL= 0.0	MAX(A,B,C,D)= 7.4	6.4	7.0	7.0
HA= 84.0	HI= 55.8	GGW= 35.9	SL= 0.0	MAX(A,B,C,D)= 7.4	6.4	7.0	7.0
HA= 96.5	HI= 55.8	GGW= 35.9	SL= 0.0	MAX(A,B,C,D)= 7.5	6.4	7.0	7.1
HA=100.4	HI= 55.8	GGW= 35.9	SL= 0.0	MAX(A,B,C,D)= 7.5	6.4	7.1	7.1
HA=110.2	HI= 55.8	GGW= 35.9	SL= 0.0	MAX(A,B,C,D)= 7.6	6.4	7.2	7.2
HA=114.5	HI= 55.8	GGW= 35.9	SL= 0.0	MAX(A,B,C,D)= 7.6	6.4	7.3	7.3
HA=124.3	HI= 55.8	GGW= 35.9	SL= 0.0	MAX(A,B,C,D)= 7.6	6.4	7.2	7.2
HA=130.9	HI= 55.8	GGW= 35.9	SL= 0.0	MAX(A,B,C,D)= 7.6	6.4	7.3	7.3
HA=138.1	HI= 55.8	GGW= 35.9	SL= 0.0	MAX(A,B,C,D)= 7.6	6.4	7.1	7.2
HA=145.0	HI= 55.8	GGW= 35.9	SL= 0.0	MAX(A,B,C,D)= 7.6	6.4	7.1	7.2
HA=152.2	HI= 55.8	GGW= 35.9	SL= 0.0	MAX(A,B,C,D)= 7.6	6.4	7.1	7.2
HA=161.4	HI= 55.8	GGW= 35.9	SL= 0.0	MAX(A,B,C,D)= 7.5	6.4	7.1	7.1
HA=166.0	HI= 55.8	GGW= 35.9	SL= 0.0	MAX(A,B,C,D)= 7.3	6.3	6.9	7.0
HA=175.5	HI= 55.8	GGW= 35.9	SL= 0.0	MAX(A,B,C,D)= 7.3	6.3	6.9	6.9
HA=180.1	HI= 55.8	GGW= 35.9	SL= 0.0	MAX(A,B,C,D)= 7.1	6.2	6.8	6.8
HA=191.9	HI= 55.8	GGW= 35.9	SL= 0.0	MAX(A,B,C,D)= 7.0	6.2	6.7	6.7
HA=193.9	HI= 55.8	GGW= 35.9	SL= 0.0	MAX(A,B,C,D)= 6.9	6.1	6.6	6.6
HA=193.9	HI= 55.8	GGW= 35.9	SL= 0.0	MAX(A,B,C,D)= 0.0	0.0	0.0	0.0
HA=193.9	HI= 55.8	GGW= 35.9	SL= 0.0	MAX(A,B,C,D)= 0.0	0.0	0.0	0.0
HA=193.9	HI= 55.8	GGW= 35.9	SL= 0.0	MAX(A,B,C,D)= 0.0	0.0	0.0	0.0
HA= 40.7	HI= 55.8	GGW= 32.6	SL= 0.0	MAX(A,B,C,D)= 7.4	6.4	6.9	7.0
HA= 54.5	HI= 55.8	GGW= 32.6	SL= 0.0	MAX(A,B,C,D)= 7.4	6.5	6.9	7.0
HA= 68.6	HI= 55.8	GGW= 32.6	SL= 0.0	MAX(A,B,C,D)= 7.4	6.4	7.0	7.0
HA= 70.2	HI= 55.8	GGW= 32.6	SL= 0.0	MAX(A,B,C,D)= 7.4	6.3	7.0	7.0
HA= 82.3	HI= 55.8	GGW= 32.6	SL= 0.0	MAX(A,B,C,D)= 7.5	6.5	7.2	7.2
HA= 84.0	HI= 55.8	GGW= 32.6	SL= 0.0	MAX(A,B,C,D)= 7.5	6.3	7.1	7.2

HA= 96.5	HI= 55.8	GGW= 32.6	SL= 0.0	MAX(A,B,C,D)= 7.5	6.5	7.2	7.3
HA=100.4	HI= 55.8	GGW= 32.6	SL= 0.0	MAX(A,B,C,D)= 7.5	6.4	7.2	7.2
HA=110.2	HI= 55.8	GGW= 32.6	SL= 0.0	MAX(A,B,C,D)= 7.5	6.5	7.2	7.3
HA=114.5	HI= 55.8	GGW= 32.6	SL= 0.0	MAX(A,B,C,D)= 7.5	6.4	7.1	7.2
HA=124.3	HI= 55.8	GGW= 32.6	SL= 0.0	MAX(A,B,C,D)= 7.5	6.5	7.1	7.2
HA=130.9	HI= 55.8	GGW= 32.6	SL= 0.0	MAX(A,B,C,D)= 7.5	6.5	7.2	7.3
HA=138.1	HI= 55.8	GGW= 32.6	SL= 0.0	MAX(A,B,C,D)= 7.5	6.4	7.2	7.2
HA=145.0	HI= 55.8	GGW= 32.6	SL= 0.0	MAX(A,B,C,D)= 7.4	6.4	7.0	7.1
HA=152.2	HI= 55.8	GGW= 32.6	SL= 0.0	MAX(A,B,C,D)= 7.3	6.3	6.9	6.9
HA=161.4	HI= 55.8	GGW= 32.6	SL= 0.0	MAX(A,B,C,D)= 7.2	6.2	6.9	6.9
HA=166.0	HI= 55.8	GGW= 32.6	SL= 0.0	MAX(A,B,C,D)= 7.1	6.2	6.8	6.8
HA=175.5	HI= 55.8	GGW= 32.6	SL= 0.0	MAX(A,B,C,D)= 7.0	6.2	6.7	6.7
HA=180.1	HI= 55.8	GGW= 32.6	SL= 0.0	MAX(A,B,C,D)= 7.0	6.1	6.6	6.6
HA=191.9	HI= 55.8	GGW= 32.6	SL= 0.0	MAX(A,B,C,D)= 6.8	6.1	6.5	6.5
HA=193.9	HI= 55.8	GGW= 32.6	SL= 0.0	MAX(A,B,C,D)= 6.7	6.0	6.4	6.5
HA=205.7	HI= 55.8	GGW= 32.6	SL= 0.0	MAX(A,B,C,D)= 6.6	5.9	6.3	6.3
HA=205.7	HI= 55.8	GGW= 32.6	SL= 0.0	MAX(A,B,C,D)= 0.0	0.0	0.0	0.0
HA=205.7	HI= 55.8	GGW= 32.6	SL= 0.0	MAX(A,B,C,D)= 0.0	0.0	0.0	0.0
HA= 40.7	HI= 55.8	GGW= 32.6	SL= 0.0	MAX(A,B,C,D)= 7.3	6.3	6.9	6.9
HA= 54.5	HI= 55.8	GGW= 32.6	SL= 0.0	MAX(A,B,C,D)= 7.3	6.3	6.9	6.9
HA= 68.6	HI= 55.8	GGW= 32.6	SL= 0.0	MAX(A,B,C,D)= 7.4	6.3	7.0	7.0
HA= 70.2	HI= 55.8	GGW= 32.6	SL= 0.0	MAX(A,B,C,D)= 7.4	6.3	7.0	7.0
HA= 82.3	HI= 55.8	GGW= 32.6	SL= 0.0	MAX(A,B,C,D)= 7.5	6.3	7.2	7.2
HA= 84.0	HI= 55.8	GGW= 32.6	SL= 0.0	MAX(A,B,C,D)= 7.5	6.3	7.1	7.1
HA= 96.5	HI= 55.8	GGW= 32.6	SL= 0.0	MAX(A,B,C,D)= 7.5	6.3	7.2	7.3
HA=100.4	HI= 55.8	GGW= 32.6	SL= 0.0	MAX(A,B,C,D)= 7.5	6.3	7.1	7.2
HA=110.2	HI= 55.8	GGW= 32.6	SL= 0.0	MAX(A,B,C,D)= 7.5	6.3	7.2	7.2
HA=114.5	HI= 55.8	GGW= 32.6	SL= 0.0	MAX(A,B,C,D)= 7.5	6.3	7.1	7.2
HA=124.3	HI= 55.8	GGW= 32.6	SL= 0.0	MAX(A,B,C,D)= 7.5	6.3	7.1	7.2
HA=130.9	HI= 55.8	GGW= 32.6	SL= 0.0	MAX(A,B,C,D)= 7.5	6.3	7.2	7.2
HA=138.1	HI= 55.8	GGW= 32.6	SL= 0.0	MAX(A,B,C,D)= 7.5	6.4	7.1	7.2
HA=145.0	HI= 55.8	GGW= 32.6	SL= 0.0	MAX(A,B,C,D)= 7.5	6.3	7.1	7.1
HA=152.2	HI= 55.8	GGW= 32.6	SL= 0.0	MAX(A,B,C,D)= 7.3	6.3	6.9	7.0
HA=161.4	HI= 55.8	GGW= 32.6	SL= 0.0	MAX(A,B,C,D)= 7.3	6.3	6.9	6.9
HA=166.0	HI= 55.8	GGW= 32.6	SL= 0.0	MAX(A,B,C,D)= 7.2	6.2	6.8	6.8
HA=175.5	HI= 55.8	GGW= 32.6	SL= 0.0	MAX(A,B,C,D)= 7.1	6.2	6.8	6.8
HA=180.1	HI= 55.8	GGW= 32.6	SL= 0.0	MAX(A,B,C,D)= 6.9	6.1	6.6	6.6
HA=191.9	HI= 55.8	GGW= 32.6	SL= 0.0	MAX(A,B,C,D)= 6.8	6.0	6.5	6.6
HA=191.9	HI= 55.8	GGW= 32.6	SL= 0.0	MAX(A,B,C,D)= 0.0	0.0	0.0	0.0
HA=191.9	HI= 55.8	GGW= 32.6	SL= 0.0	MAX(A,B,C,D)= 0.0	0.0	0.0	0.0
HA=191.9	HI= 55.8	GGW= 32.6	SL= 0.0	MAX(A,B,C,D)= 0.0	0.0	0.0	0.0
HA=191.9	HI= 55.8	GGW= 32.6	SL= 0.0	MAX(A,B,C,D)= 0.0	0.0	0.0	0.0
HA= 40.7	HI= 55.8	GGW= 32.6	SL= 0.0	MAX(A,B,C,D)= 6.4	5.8	6.2	6.2
HA= 54.5	HI= 55.8	GGW= 32.6	SL= 0.0	MAX(A,B,C,D)= 7.1	6.2	6.8	6.8
HA= 68.6	HI= 55.8	GGW= 32.6	SL= 0.0	MAX(A,B,C,D)= 7.1	6.2	6.8	6.8
HA= 70.2	HI= 55.8	GGW= 32.6	SL= 0.0	MAX(A,B,C,D)= 7.1	6.2	6.7	6.7
HA= 82.3	HI= 55.8	GGW= 32.6	SL= 0.0	MAX(A,B,C,D)= 7.3	6.2	6.9	6.9
HA= 84.0	HI= 55.8	GGW= 32.6	SL= 0.0	MAX(A,B,C,D)= 7.3	6.3	6.9	6.9
HA= 96.5	HI= 55.8	GGW= 32.6	SL= 0.0	MAX(A,B,C,D)= 7.3	6.3	6.9	6.9
HA=100.4	HI= 55.8	GGW= 32.6	SL= 0.0	MAX(A,B,C,D)= 7.4	6.3	7.0	7.0
HA=110.2	HI= 55.8	GGW= 32.6	SL= 0.0	MAX(A,B,C,D)= 7.5	6.3	7.1	7.2
HA=114.5	HI= 55.8	GGW= 32.6	SL= 0.0	MAX(A,B,C,D)= 7.5	6.3	7.1	7.2
HA=124.3	HI= 55.8	GGW= 32.6	SL= 0.0	MAX(A,B,C,D)= 7.5	6.3	7.2	7.2
HA=130.9	HI= 55.8	GGW= 32.6	SL= 0.0	MAX(A,B,C,D)= 7.5	6.3	7.1	7.2

HA=138.1	HI= 55.8	GGW= 32.6	SL= 0.0	MAX(A,B,C,D)= 7.5	6.3	7.1	7.1
HA=145.0	HI= 55.8	GGW= 32.6	SL= 0.0	MAX(A,B,C,D)= 7.5	6.3	7.0	7.1
HA=152.2	HI= 55.8	GGW= 32.6	SL= 0.0	MAX(A,B,C,D)= 7.4	6.3	7.0	7.0
HA=161.4	HI= 55.8	GGW= 32.6	SL= 0.0	MAX(A,B,C,D)= 7.3	6.2	6.9	6.9
HA=166.0	HI= 55.8	GGW= 32.6	SL= 0.0	MAX(A,B,C,D)= 7.1	6.2	6.8	6.8
HA=175.5	HI= 55.8	GGW= 32.6	SL= 0.0	MAX(A,B,C,D)= 7.0	6.2	6.7	6.7
HA=180.1	HI= 55.8	GGW= 32.6	SL= 0.0	MAX(A,B,C,D)= 6.9	6.1	6.6	6.6
HA=191.9	HI= 55.8	GGW= 32.6	SL= 0.0	MAX(A,B,C,D)= 6.9	6.1	6.6	6.6
HA=191.9	HI= 55.8	GGW= 32.6	SL= 0.0	MAX(A,B,C,D)= 0.0	0.0	0.0	0.0
HA=191.9	HI= 55.8	GGW= 32.6	SL= 0.0	MAX(A,B,C,D)= 0.0	0.0	0.0	0.0
HA=191.9	HI= 55.8	GGW= 32.6	SL= 0.0	MAX(A,B,C,D)= 0.0	0.0	0.0	0.0
HA= 40.7	HI= 55.8	GGW= 28.7	SL= 0.0	MAX(A,B,C,D)= 7.2	6.3	6.8	6.8
HA= 54.5	HI= 55.8	GGW= 28.7	SL= 0.0	MAX(A,B,C,D)= 7.2	6.3	6.8	6.8
HA= 68.6	HI= 55.8	GGW= 28.7	SL= 0.0	MAX(A,B,C,D)= 7.3	6.2	6.9	6.9
HA= 70.2	HI= 55.8	GGW= 28.7	SL= 0.0	MAX(A,B,C,D)= 7.3	6.2	6.9	6.9
HA= 82.3	HI= 55.8	GGW= 28.7	SL= 0.0	MAX(A,B,C,D)= 7.3	6.3	7.0	7.1
HA= 84.0	HI= 55.8	GGW= 28.7	SL= 0.0	MAX(A,B,C,D)= 7.3	6.2	7.0	7.0
HA= 96.5	HI= 55.8	GGW= 28.7	SL= 0.0	MAX(A,B,C,D)= 7.3	6.4	7.1	7.1
HA=100.4	HI= 55.8	GGW= 28.7	SL= 0.0	MAX(A,B,C,D)= 7.3	6.3	7.1	7.1
HA=110.2	HI= 55.8	GGW= 28.7	SL= 0.0	MAX(A,B,C,D)= 7.4	6.4	7.0	7.1
HA=114.5	HI= 55.8	GGW= 28.7	SL= 0.0	MAX(A,B,C,D)= 7.3	6.4	7.0	7.1
HA=124.3	HI= 55.8	GGW= 28.7	SL= 0.0	MAX(A,B,C,D)= 7.3	6.4	7.0	7.0
HA=130.9	HI= 55.8	GGW= 28.7	SL= 0.0	MAX(A,B,C,D)= 7.3	6.3	7.0	7.0
HA=138.1	HI= 55.8	GGW= 28.7	SL= 0.0	MAX(A,B,C,D)= 7.3	6.3	7.0	7.0
HA=145.0	HI= 55.8	GGW= 28.7	SL= 0.0	MAX(A,B,C,D)= 7.2	6.2	6.9	6.9
HA=152.2	HI= 55.8	GGW= 28.7	SL= 0.0	MAX(A,B,C,D)= 7.1	6.1	6.7	6.8
HA=161.4	HI= 55.8	GGW= 28.7	SL= 0.0	MAX(A,B,C,D)= 7.0	6.1	6.7	6.7
HA=166.0	HI= 55.8	GGW= 28.7	SL= 0.0	MAX(A,B,C,D)= 6.9	6.1	6.6	6.6
HA=175.5	HI= 55.8	GGW= 28.7	SL= 0.0	MAX(A,B,C,D)= 6.8	6.0	6.5	6.5
HA=180.1	HI= 55.8	GGW= 28.7	SL= 0.0	MAX(A,B,C,D)= 6.7	5.9	6.4	6.4
HA=191.9	HI= 55.8	GGW= 28.7	SL= 0.0	MAX(A,B,C,D)= 6.6	5.9	6.3	6.3
HA=193.9	HI= 55.8	GGW= 28.7	SL= 0.0	MAX(A,B,C,D)= 6.5	5.8	6.2	6.3
HA=193.9	HI= 55.8	GGW= 28.7	SL= 0.0	MAX(A,B,C,D)= 0.0	0.0	0.0	0.0
HA=193.9	HI= 55.8	GGW= 28.7	SL= 0.0	MAX(A,B,C,D)= 0.0	0.0	0.0	0.0
HA=193.9	HI= 55.8	GGW= 28.7	SL= 0.0	MAX(A,B,C,D)= 0.0	0.0	0.0	0.0
HA= 40.7	HI= 55.8	GGW= 28.7	SL= 0.0	MAX(A,B,C,D)= 7.1	6.2	6.7	6.7
HA= 54.5	HI= 55.8	GGW= 28.7	SL= 0.0	MAX(A,B,C,D)= 7.1	6.2	6.8	6.8
HA= 68.6	HI= 55.8	GGW= 28.7	SL= 0.0	MAX(A,B,C,D)= 7.2	6.1	6.8	6.8
HA= 70.2	HI= 55.8	GGW= 28.7	SL= 0.0	MAX(A,B,C,D)= 7.1	6.1	6.8	6.8
HA= 82.3	HI= 55.8	GGW= 28.7	SL= 0.0	MAX(A,B,C,D)= 7.3	6.2	7.0	7.0
HA= 84.0	HI= 55.8	GGW= 28.7	SL= 0.0	MAX(A,B,C,D)= 7.3	6.1	6.9	7.0
HA= 96.5	HI= 55.8	GGW= 28.7	SL= 0.0	MAX(A,B,C,D)= 7.3	6.2	7.0	7.0
HA=100.4	HI= 55.8	GGW= 28.7	SL= 0.0	MAX(A,B,C,D)= 7.3	6.2	7.0	7.0
HA=110.2	HI= 55.8	GGW= 28.7	SL= 0.0	MAX(A,B,C,D)= 7.3	6.2	7.0	7.0
HA=114.5	HI= 55.8	GGW= 28.7	SL= 0.0	MAX(A,B,C,D)= 7.3	6.2	7.0	7.0
HA=124.3	HI= 55.8	GGW= 28.7	SL= 0.0	MAX(A,B,C,D)= 7.3	6.2	6.9	7.0
HA=130.9	HI= 55.8	GGW= 28.7	SL= 0.0	MAX(A,B,C,D)= 7.3	6.2	7.0	7.0
HA=138.1	HI= 55.8	GGW= 28.7	SL= 0.0	MAX(A,B,C,D)= 7.2	6.2	6.9	7.0
HA=145.0	HI= 55.8	GGW= 28.7	SL= 0.0	MAX(A,B,C,D)= 7.2	6.2	6.8	6.8
HA=152.2	HI= 55.8	GGW= 28.7	SL= 0.0	MAX(A,B,C,D)= 7.1	6.1	6.7	6.7
HA=161.4	HI= 55.8	GGW= 28.7	SL= 0.0	MAX(A,B,C,D)= 7.0	6.1	6.7	6.7
HA=166.0	HI= 55.8	GGW= 28.7	SL= 0.0	MAX(A,B,C,D)= 6.9	6.0	6.6	6.6
HA=175.5	HI= 55.8	GGW= 28.7	SL= 0.0	MAX(A,B,C,D)= 6.8	6.0	6.5	6.5

HA=180.1	HI= 55.8	GGW= 28.7	SL= 0.0	MAX(A,B,C,D)= 6.7	5.9	6.4	6.4
HA=191.9	HI= 55.8	GGW= 28.7	SL= 0.0	MAX(A,B,C,D)= 6.6	5.9	6.3	6.4
HA=191.9	HI= 55.8	GGW= 28.7	SL= 0.0	MAX(A,B,C,D)= 0.0	0.0	0.0	0.0
HA=191.9	HI= 55.8	GGW= 28.7	SL= 0.0	MAX(A,B,C,D)= 0.0	0.0	0.0	0.0
HA=191.9	HI= 55.8	GGW= 28.7	SL= 0.0	MAX(A,B,C,D)= 0.0	0.0	0.0	0.0
HA= 40.7	HI= 55.8	GGW= 28.7	SL= 0.0	MAX(A,B,C,D)= 6.5	5.7	6.3	6.3
HA= 54.5	HI= 55.8	GGW= 28.7	SL= 0.0	MAX(A,B,C,D)= 7.0	6.1	6.6	6.7
HA= 68.6	HI= 55.8	GGW= 28.7	SL= 0.0	MAX(A,B,C,D)= 7.0	6.1	6.7	6.7
HA= 70.2	HI= 55.8	GGW= 28.7	SL= 0.0	MAX(A,B,C,D)= 7.0	6.1	6.7	6.7
HA= 82.3	HI= 55.8	GGW= 28.7	SL= 0.0	MAX(A,B,C,D)= 7.1	6.1	6.8	6.8
HA= 84.0	HI= 55.8	GGW= 28.7	SL= 0.0	MAX(A,B,C,D)= 7.1	6.1	6.8	6.8
HA= 96.5	HI= 55.8	GGW= 28.7	SL= 0.0	MAX(A,B,C,D)= 7.2	6.1	6.8	6.8
HA=100.4	HI= 55.8	GGW= 28.7	SL= 0.0	MAX(A,B,C,D)= 7.3	6.1	6.9	6.9
HA=110.2	HI= 55.8	GGW= 28.7	SL= 0.0	MAX(A,B,C,D)= 7.3	6.1	7.0	7.0
HA=114.5	HI= 55.8	GGW= 28.7	SL= 0.0	MAX(A,B,C,D)= 7.3	6.1	6.9	6.9
HA=124.3	HI= 55.8	GGW= 28.7	SL= 0.0	MAX(A,B,C,D)= 7.2	6.1	6.9	7.0
HA=130.9	HI= 55.8	GGW= 28.7	SL= 0.0	MAX(A,B,C,D)= 7.3	6.1	7.0	7.0
HA=138.1	HI= 55.8	GGW= 28.7	SL= 0.0	MAX(A,B,C,D)= 7.3	6.1	6.9	6.9
HA=145.0	HI= 55.8	GGW= 28.7	SL= 0.0	MAX(A,B,C,D)= 7.2	6.1	6.9	6.9
HA=152.2	HI= 55.8	GGW= 28.7	SL= 0.0	MAX(A,B,C,D)= 7.1	6.1	6.7	6.7
HA=161.4	HI= 55.8	GGW= 28.7	SL= 0.0	MAX(A,B,C,D)= 7.0	6.1	6.7	6.7
HA=166.0	HI= 55.8	GGW= 28.7	SL= 0.0	MAX(A,B,C,D)= 6.9	6.0	6.6	6.6
HA=175.5	HI= 55.8	GGW= 28.7	SL= 0.0	MAX(A,B,C,D)= 6.8	6.0	6.5	6.5
HA=180.1	HI= 55.8	GGW= 28.7	SL= 0.0	MAX(A,B,C,D)= 6.7	5.9	6.4	6.4
HA=180.1	HI= 55.8	GGW= 28.7	SL= 0.0	MAX(A,B,C,D)= 0.0	0.0	0.0	0.0
HA=180.1	HI= 55.8	GGW= 28.7	SL= 0.0	MAX(A,B,C,D)= 0.0	0.0	0.0	0.0
HA=180.1	HI= 55.8	GGW= 28.7	SL= 0.0	MAX(A,B,C,D)= 0.0	0.0	0.0	0.0
HA=180.1	HI= 55.8	GGW= 28.7	SL= 0.0	MAX(A,B,C,D)= 0.0	0.0	0.0	0.0
HA= 40.7	HI= 55.8	GGW= 19.6	SL= 0.0	MAX(A,B,C,D)= 6.8	6.0	6.5	6.5
HA= 54.5	HI= 55.8	GGW= 19.6	SL= 0.0	MAX(A,B,C,D)= 6.9	6.1	6.6	6.6
HA= 68.6	HI= 55.8	GGW= 19.6	SL= 0.0	MAX(A,B,C,D)= 6.9	6.1	6.8	6.8
HA= 70.2	HI= 55.8	GGW= 19.6	SL= 0.0	MAX(A,B,C,D)= 6.9	5.9	6.7	6.8
HA= 82.3	HI= 55.8	GGW= 19.6	SL= 0.0	MAX(A,B,C,D)= 6.9	6.1	6.7	6.7
HA= 84.0	HI= 55.8	GGW= 19.6	SL= 0.0	MAX(A,B,C,D)= 6.8	6.0	6.7	6.7
HA= 96.5	HI= 55.8	GGW= 19.6	SL= 0.0	MAX(A,B,C,D)= 7.0	6.1	6.7	6.7
HA=100.4	HI= 55.8	GGW= 19.6	SL= 0.0	MAX(A,B,C,D)= 6.9	6.0	6.7	6.8
HA=110.2	HI= 55.8	GGW= 19.6	SL= 0.0	MAX(A,B,C,D)= 6.9	6.1	6.7	6.7
HA=114.5	HI= 55.8	GGW= 19.6	SL= 0.0	MAX(A,B,C,D)= 6.9	6.1	6.7	6.7
HA=124.3	HI= 55.8	GGW= 19.6	SL= 0.0	MAX(A,B,C,D)= 6.8	6.0	6.6	6.6
HA=130.9	HI= 55.8	GGW= 19.6	SL= 0.0	MAX(A,B,C,D)= 6.8	6.0	6.5	6.6
HA=138.1	HI= 55.8	GGW= 19.6	SL= 0.0	MAX(A,B,C,D)= 6.6	5.9	6.4	6.4
HA=145.0	HI= 55.8	GGW= 19.6	SL= 0.0	MAX(A,B,C,D)= 6.6	5.8	6.3	6.4
HA=152.2	HI= 55.8	GGW= 19.6	SL= 0.0	MAX(A,B,C,D)= 6.5	5.8	6.3	6.3
HA=161.4	HI= 55.8	GGW= 19.6	SL= 0.0	MAX(A,B,C,D)= 6.4	5.7	6.2	6.2
HA=166.0	HI= 55.8	GGW= 19.6	SL= 0.0	MAX(A,B,C,D)= 6.3	5.7	6.1	6.1
HA=175.5	HI= 55.8	GGW= 19.6	SL= 0.0	MAX(A,B,C,D)= 6.2	5.6	6.0	6.1
HA=180.1	HI= 55.8	GGW= 19.6	SL= 0.0	MAX(A,B,C,D)= 6.1	5.5	6.0	6.0
HA=180.1	HI= 55.8	GGW= 19.6	SL= 0.0	MAX(A,B,C,D)= 0.0	0.0	0.0	0.0
HA=180.1	HI= 55.8	GGW= 19.6	SL= 0.0	MAX(A,B,C,D)= 0.0	0.0	0.0	0.0
HA=180.1	HI= 55.8	GGW= 19.6	SL= 0.0	MAX(A,B,C,D)= 0.0	0.0	0.0	0.0
HA=180.1	HI= 55.8	GGW= 19.6	SL= 0.0	MAX(A,B,C,D)= 0.0	0.0	0.0	0.0
HA=180.1	HI= 55.8	GGW= 19.6	SL= 0.0	MAX(A,B,C,D)= 0.0	0.0	0.0	0.0

HA= 40.7	HI= 55.8	GGW= 19.6	SL= 0.0	MAX(A,B,C,D)= 6.6	5.9	6.4	6.4
HA= 54.5	HI= 55.8	GGW= 19.6	SL= 0.0	MAX(A,B,C,D)= 6.7	5.9	6.4	6.4
HA= 68.6	HI= 55.8	GGW= 19.6	SL= 0.0	MAX(A,B,C,D)= 6.8	5.9	6.6	6.6
HA= 70.2	HI= 55.8	GGW= 19.6	SL= 0.0	MAX(A,B,C,D)= 6.9	5.8	6.7	6.7
HA= 82.3	HI= 55.8	GGW= 19.6	SL= 0.0	MAX(A,B,C,D)= 6.8	5.9	6.8	6.8
HA= 84.0	HI= 55.8	GGW= 19.6	SL= 0.0	MAX(A,B,C,D)= 6.8	5.9	6.7	6.7
HA= 96.5	HI= 55.8	GGW= 19.6	SL= 0.0	MAX(A,B,C,D)= 6.8	5.9	6.7	6.7
HA=100.4	HI= 55.8	GGW= 19.6	SL= 0.0	MAX(A,B,C,D)= 6.8	5.9	6.7	6.7
HA=110.2	HI= 55.8	GGW= 19.6	SL= 0.0	MAX(A,B,C,D)= 6.8	5.9	6.7	6.7
HA=114.5	HI= 55.8	GGW= 19.6	SL= 0.0	MAX(A,B,C,D)= 6.8	5.9	6.7	6.7
HA=124.3	HI= 55.8	GGW= 19.6	SL= 0.0	MAX(A,B,C,D)= 6.8	5.9	6.7	6.7
HA=130.9	HI= 55.8	GGW= 19.6	SL= 0.0	MAX(A,B,C,D)= 6.8	5.9	6.7	6.7
HA=138.1	HI= 55.8	GGW= 19.6	SL= 0.0	MAX(A,B,C,D)= 6.7	5.9	6.5	6.5
HA=145.0	HI= 55.8	GGW= 19.6	SL= 0.0	MAX(A,B,C,D)= 6.6	5.8	6.3	6.3
HA=152.2	HI= 55.8	GGW= 19.6	SL= 0.0	MAX(A,B,C,D)= 6.5	5.8	6.3	6.3
HA=161.4	HI= 55.8	GGW= 19.6	SL= 0.0	MAX(A,B,C,D)= 6.4	5.7	6.2	6.2
HA=166.0	HI= 55.8	GGW= 19.6	SL= 0.0	MAX(A,B,C,D)= 6.3	5.7	6.1	6.1
HA=166.0	HI= 55.8	GGW= 19.6	SL= 0.0	MAX(A,B,C,D)= 0.0	0.0	0.0	0.0
HA=166.0	HI= 55.8	GGW= 19.6	SL= 0.0	MAX(A,B,C,D)= 0.0	0.0	0.0	0.0
HA=166.0	HI= 55.8	GGW= 19.6	SL= 0.0	MAX(A,B,C,D)= 0.0	0.0	0.0	0.0
HA=166.0	HI= 55.8	GGW= 19.6	SL= 0.0	MAX(A,B,C,D)= 0.0	0.0	0.0	0.0
HA=166.0	HI= 55.8	GGW= 19.6	SL= 0.0	MAX(A,B,C,D)= 0.0	0.0	0.0	0.0
HA=166.0	HI= 55.8	GGW= 19.6	SL= 0.0	MAX(A,B,C,D)= 0.0	0.0	0.0	0.0
HA=166.0	HI= 55.8	GGW= 19.6	SL= 0.0	MAX(A,B,C,D)= 0.0	0.0	0.0	0.0
HA= 40.7	HI= 55.8	GGW= 19.6	SL= 0.0	MAX(A,B,C,D)= 6.5	5.8	6.3	6.3
HA= 54.5	HI= 55.8	GGW= 19.6	SL= 0.0	MAX(A,B,C,D)= 6.6	5.8	6.3	6.3
HA= 68.6	HI= 55.8	GGW= 19.6	SL= 0.0	MAX(A,B,C,D)= 6.7	5.8	6.4	6.4
HA= 70.2	HI= 55.8	GGW= 19.6	SL= 0.0	MAX(A,B,C,D)= 6.6	5.8	6.4	6.4
HA= 82.3	HI= 55.8	GGW= 19.6	SL= 0.0	MAX(A,B,C,D)= 6.8	5.8	6.5	6.5
HA= 84.0	HI= 55.8	GGW= 19.6	SL= 0.0	MAX(A,B,C,D)= 6.7	5.8	6.5	6.5
HA= 96.5	HI= 55.8	GGW= 19.6	SL= 0.0	MAX(A,B,C,D)= 6.8	5.8	6.6	6.6
HA=100.4	HI= 55.8	GGW= 19.6	SL= 0.0	MAX(A,B,C,D)= 6.8	5.8	6.7	6.7
HA=110.2	HI= 55.8	GGW= 19.6	SL= 0.0	MAX(A,B,C,D)= 6.8	5.8	6.6	6.6
HA=114.5	HI= 55.8	GGW= 19.6	SL= 0.0	MAX(A,B,C,D)= 6.8	5.8	6.6	6.7
HA=124.3	HI= 55.8	GGW= 19.6	SL= 0.0	MAX(A,B,C,D)= 6.8	5.8	6.6	6.6
HA=130.9	HI= 55.8	GGW= 19.6	SL= 0.0	MAX(A,B,C,D)= 6.8	5.8	6.6	6.6
HA=138.1	HI= 55.8	GGW= 19.6	SL= 0.0	MAX(A,B,C,D)= 6.7	5.9	6.4	6.4
HA=145.0	HI= 55.8	GGW= 19.6	SL= 0.0	MAX(A,B,C,D)= 6.6	5.8	6.4	6.4
HA=152.2	HI= 55.8	GGW= 19.6	SL= 0.0	MAX(A,B,C,D)= 6.5	5.8	6.2	6.3
HA=161.4	HI= 55.8	GGW= 19.6	SL= 0.0	MAX(A,B,C,D)= 6.4	5.7	6.2	6.2
HA=166.0	HI= 55.8	GGW= 19.6	SL= 0.0	MAX(A,B,C,D)= 6.3	5.6	6.1	6.1
HA=166.0	HI= 55.8	GGW= 19.6	SL= 0.0	MAX(A,B,C,D)= 0.0	0.0	0.0	0.0
HA=166.0	HI= 55.8	GGW= 19.6	SL= 0.0	MAX(A,B,C,D)= 0.0	0.0	0.0	0.0
HA=166.0	HI= 55.8	GGW= 19.6	SL= 0.0	MAX(A,B,C,D)= 0.0	0.0	0.0	0.0
HA=166.0	HI= 55.8	GGW= 19.6	SL= 0.0	MAX(A,B,C,D)= 0.0	0.0	0.0	0.0
HA=166.0	HI= 55.8	GGW= 19.6	SL= 0.0	MAX(A,B,C,D)= 0.0	0.0	0.0	0.0
HA=166.0	HI= 55.8	GGW= 19.6	SL= 0.0	MAX(A,B,C,D)= 0.0	0.0	0.0	0.0
HA= 40.7	HI= 55.8	GGW= 12.6	SL= 0.0	MAX(A,B,C,D)= 6.5	5.8	6.3	6.3
HA= 54.5	HI= 55.8	GGW= 12.6	SL= 0.0	MAX(A,B,C,D)= 6.6	5.9	6.3	6.4
HA= 68.6	HI= 55.8	GGW= 12.6	SL= 0.0	MAX(A,B,C,D)= 6.6	5.9	6.4	6.5
HA= 70.2	HI= 55.8	GGW= 12.6	SL= 0.0	MAX(A,B,C,D)= 6.5	5.8	6.4	6.5
HA= 82.3	HI= 55.8	GGW= 12.6	SL= 0.0	MAX(A,B,C,D)= 6.7	5.9	6.4	6.5
HA= 84.0	HI= 55.8	GGW= 12.6	SL= 0.0	MAX(A,B,C,D)= 6.6	5.8	6.5	6.5

HA= 96.5 HI= 55.8 GGW= 12.6 SL= 0.0 MAX(A,B,C,D)= 6.7 5.9 6.4 6.4
 HA=100.4 HI= 55.8 GGW= 12.6 SL= 0.0 MAX(A,B,C,D)= 6.6 5.9 6.4 6.4
 HA=110.2 HI= 55.8 GGW= 12.6 SL= 0.0 MAX(A,B,C,D)= 6.5 5.8 6.4 6.4
 HA=114.5 HI= 55.8 GGW= 12.6 SL= 0.0 MAX(A,B,C,D)= 6.5 5.8 6.3 6.3
 HA=124.3 HI= 55.8 GGW= 12.6 SL= 0.0 MAX(A,B,C,D)= 6.4 5.7 6.3 6.3
 HA=130.9 HI= 55.8 GGW= 12.6 SL= 0.0 MAX(A,B,C,D)= 6.3 5.7 6.2 6.2
 HA=138.1 HI= 55.8 GGW= 12.6 SL= 0.0 MAX(A,B,C,D)= 6.2 5.6 6.0 6.1
 HA=145.0 HI= 55.8 GGW= 12.6 SL= 0.0 MAX(A,B,C,D)= 6.1 5.6 6.0 6.0
 HA=152.2 HI= 55.8 GGW= 12.6 SL= 0.0 MAX(A,B,C,D)= 6.0 5.4 5.9 5.9
 HA=161.4 HI= 55.8 GGW= 12.6 SL= 0.0 MAX(A,B,C,D)= 6.0 5.4 5.9 5.9
 HA=166.0 HI= 55.8 GGW= 12.6 SL= 0.0 MAX(A,B,C,D)= 5.9 5.3 5.8 5.8
 HA=175.5 HI= 55.8 GGW= 12.6 SL= 0.0 MAX(A,B,C,D)= 5.8 5.3 5.7 5.7
 HA=175.5 HI= 55.8 GGW= 12.6 SL= 0.0 MAX(A,B,C,D)= 0.0 0.0 0.0 0.0
 HA=175.5 HI= 55.8 GGW= 12.6 SL= 0.0 MAX(A,B,C,D)= 0.0 0.0 0.0 0.0
 HA=175.5 HI= 55.8 GGW= 12.6 SL= 0.0 MAX(A,B,C,D)= 0.0 0.0 0.0 0.0
 HA=175.5 HI= 55.8 GGW= 12.6 SL= 0.0 MAX(A,B,C,D)= 0.0 0.0 0.0 0.0
 HA=175.5 HI= 55.8 GGW= 12.6 SL= 0.0 MAX(A,B,C,D)= 0.0 0.0 0.0 0.0
 HA= 40.7 HI= 55.8 GGW= 12.6 SL= 0.0 MAX(A,B,C,D)= 6.3 5.7 6.1 6.1
 HA= 54.5 HI= 55.8 GGW= 12.6 SL= 0.0 MAX(A,B,C,D)= 6.4 5.7 6.2 6.2
 HA= 68.6 HI= 55.8 GGW= 12.6 SL= 0.0 MAX(A,B,C,D)= 6.5 5.7 6.4 6.5
 HA= 70.2 HI= 55.8 GGW= 12.6 SL= 0.0 MAX(A,B,C,D)= 6.5 5.6 6.4 6.4
 HA= 82.3 HI= 55.8 GGW= 12.6 SL= 0.0 MAX(A,B,C,D)= 6.5 5.7 6.4 6.4
 HA= 84.0 HI= 55.8 GGW= 12.6 SL= 0.0 MAX(A,B,C,D)= 6.5 5.7 6.4 6.4
 HA= 96.5 HI= 55.8 GGW= 12.6 SL= 0.0 MAX(A,B,C,D)= 6.5 5.7 6.4 6.4
 HA=100.4 HI= 55.8 GGW= 12.6 SL= 0.0 MAX(A,B,C,D)= 6.5 5.7 6.4 6.4
 HA=110.2 HI= 55.8 GGW= 12.6 SL= 0.0 MAX(A,B,C,D)= 6.4 5.8 6.3 6.3
 HA=114.5 HI= 55.8 GGW= 12.6 SL= 0.0 MAX(A,B,C,D)= 6.5 5.7 6.4 6.4
 HA=124.3 HI= 55.8 GGW= 12.6 SL= 0.0 MAX(A,B,C,D)= 6.3 5.7 6.2 6.2
 HA=130.9 HI= 55.8 GGW= 12.6 SL= 0.0 MAX(A,B,C,D)= 6.3 5.6 6.2 6.2
 HA=138.1 HI= 55.8 GGW= 12.6 SL= 0.0 MAX(A,B,C,D)= 6.2 5.5 6.0 6.0
 HA=145.0 HI= 55.8 GGW= 12.6 SL= 0.0 MAX(A,B,C,D)= 6.2 5.5 6.0 6.0
 HA=152.2 HI= 55.8 GGW= 12.6 SL= 0.0 MAX(A,B,C,D)= 6.0 5.5 5.9 5.9
 HA=161.4 HI= 55.8 GGW= 12.6 SL= 0.0 MAX(A,B,C,D)= 6.0 5.4 5.9 5.9
 HA= 40.7 HI= 55.8 GGW= 12.6 SL= 0.0 MAX(A,B,C,D)= 6.2 5.6 6.0 6.1
 HA= 54.5 HI= 55.8 GGW= 12.6 SL= 0.0 MAX(A,B,C,D)= 6.2 5.6 6.1 6.1
 HA= 68.6 HI= 55.8 GGW= 12.6 SL= 0.0 MAX(A,B,C,D)= 6.3 5.6 6.1 6.1
 HA= 70.2 HI= 55.8 GGW= 12.6 SL= 0.0 MAX(A,B,C,D)= 6.3 5.6 6.1 6.2
 HA= 82.3 HI= 55.8 GGW= 12.6 SL= 0.0 MAX(A,B,C,D)= 6.4 5.6 6.3 6.3
 HA= 84.0 HI= 55.8 GGW= 12.6 SL= 0.0 MAX(A,B,C,D)= 6.4 5.6 6.2 6.3
 HA= 96.5 HI= 55.8 GGW= 12.6 SL= 0.0 MAX(A,B,C,D)= 6.4 5.6 6.3 6.4
 HA=100.4 HI= 55.8 GGW= 12.6 SL= 0.0 MAX(A,B,C,D)= 6.4 5.6 6.3 6.3
 HA=110.2 HI= 55.8 GGW= 12.6 SL= 0.0 MAX(A,B,C,D)= 6.5 5.6 6.3 6.4
 HA=114.5 HI= 55.8 GGW= 12.6 SL= 0.0 MAX(A,B,C,D)= 6.4 5.6 6.3 6.3
 HA=124.3 HI= 55.8 GGW= 12.6 SL= 0.0 MAX(A,B,C,D)= 6.4 5.6 6.2 6.3
 HA=130.9 HI= 55.8 GGW= 12.6 SL= 0.0 MAX(A,B,C,D)= 6.3 5.6 6.1 6.1
 HA=138.1 HI= 55.8 GGW= 12.6 SL= 0.0 MAX(A,B,C,D)= 6.2 5.6 6.1 6.1
 HA=145.0 HI= 55.8 GGW= 12.6 SL= 0.0 MAX(A,B,C,D)= 6.2 5.5 6.0 6.0
 HA=152.2 HI= 55.8 GGW= 12.6 SL= 0.0 MAX(A,B,C,D)= 6.1 5.5 5.9 5.9
 HA=152.2 HI= 55.8 GGW= 12.6 SL= 0.0 MAX(A,B,C,D)= 0.0 0.0 0.0 0.0

 MAX(A,B,C,D)= 9.7 8.6 8.9 8.9