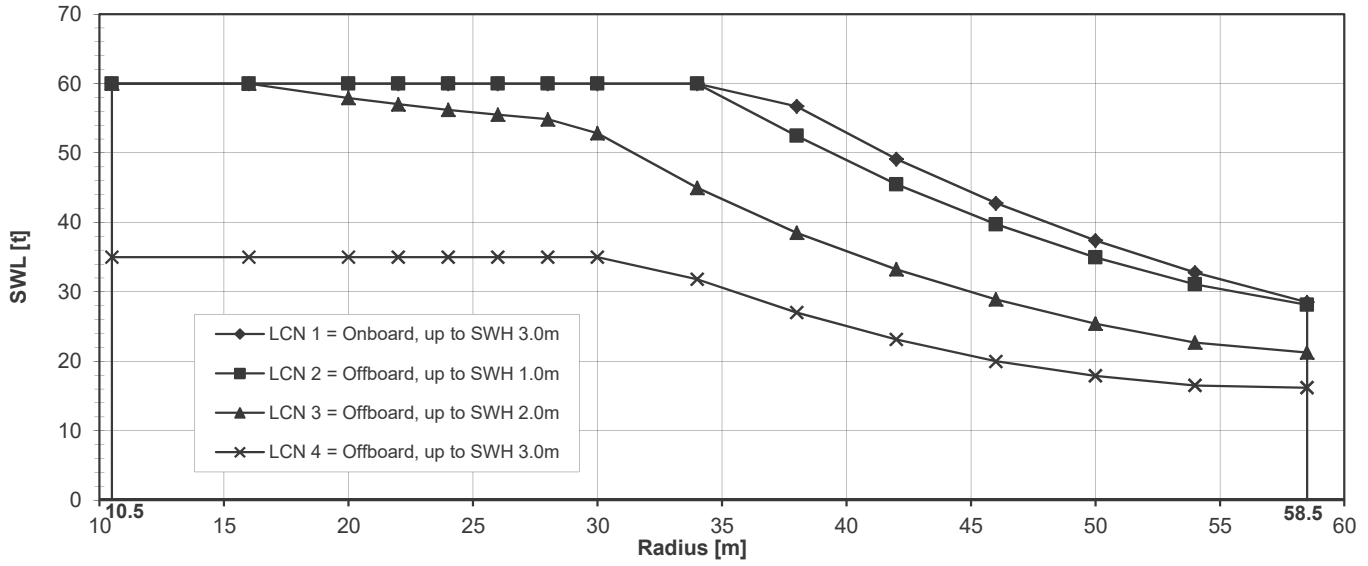


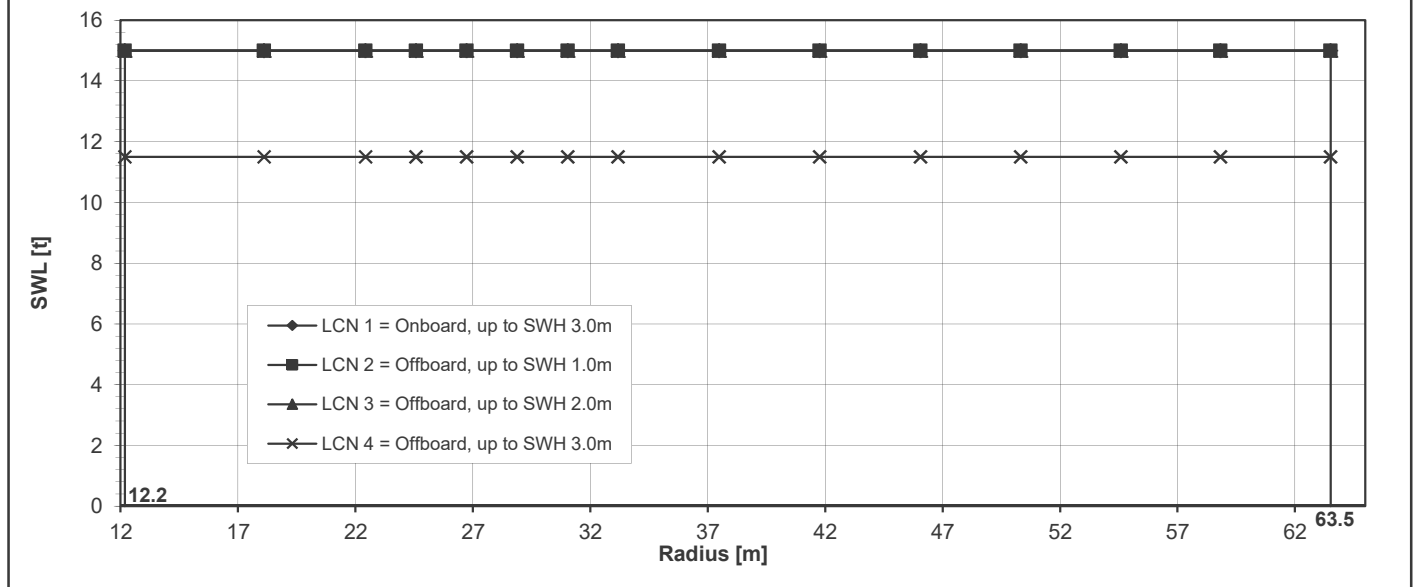
LOAD DIAGRAM AND LOAD TABLE - BOS 4200-60 D LITRONIC



Lift mode	[-]	Onboard	Offboard	Offboard	Offboard								
LCN	[-]	1	2	3	4								
SWH	[m]	3.0	1.0	2.0	3.0								
vc	[m/s]	0.74	0.08	0.33	0.74								
vd	[m/s]	0.00	0.60	1.20	1.80								
az	[g]	0.070	0.070	0.070	0.070								
ay	[g]	0.069	0.030	0.046	0.069								
vh,min	[m/s]	0.00	0.11	0.20	0.27								
Angle	Radius	SWL	SWL	SWL	SWL	SWL	SWL	SWL	SWL	SWL	SWL	SWL	SWL
[°]	[m]	[t]	[t]	[t]	[t]	[t]	[t]	[t]	[t]	[t]	[t]	[t]	[t]
82.8	10.5	60.0	60.0	60.0	35.0								
77.2	16.0	60.0	60.0	60.0	35.0								
73.0	20.0	60.0	60.0	57.9	35.0								
70.8	22.0	60.0	60.0	57.0	35.0								
68.7	24.0	60.0	60.0	56.2	35.0								
66.5	26.0	60.0	60.0	55.5	35.0								
64.3	28.0	60.0	60.0	54.8	35.0								
62.0	30.0	60.0	60.0	52.8	35.0								
57.3	34.0	60.0	60.0	45.0	31.8								
52.3	38.0	56.7	52.5	38.5	27.0								
46.9	42.0	49.1	45.5	33.2	23.1								
41.0	46.0	42.8	39.7	28.9	20.0								
34.3	50.0	37.4	34.9	25.4	17.9								
26.0	54.0	32.8	31.1	22.7	16.5								
10.7	58.5	28.5	28.1	21.3	16.2								

Design code:	API 2C, 7th Edition, Specification for Offshore Pedestal Mounted Cranes, 2012, LMB-Curve API7		
Calculation method:	GM		
Installation	Status: floating	Additional hoist gear: none	DCN LCN none
	Max. static trim: [°] 1.5		
	Max. static heel: [°] 1.5		
	Minimum elevation: [m] 34		
	Maximum elevation: [m] 40		
Crane is lifting to or from (offboard):	Supply vessel	Available tugger winch	Reeving max. avail. line pull
			[-] [t] [%]
Max. mean wind speed:	[m/s] 20.5	none	
Boom length:	[m] 57.00		
Reeving luffing gear:	[-] 10		
1. Operational limitations due to low hoisting velocity:	none		
2. Operational limitations due to exceeding of recommended hoist rope reeving:	for SWH 3.0m		
3. Operational limitation for personnel lifting (except for emergency operation):	none		

LOAD DIAGRAM AND LOAD TABLE - BOS 4200-60 D LITRONIC



Lift mode	[-]	Onboard	Offboard	Offboard	Offboard	Personnel							
LCN	[-]	1	2	3	4	5							
SWH	[m]	3.0	1.0	2.0	3.0	2.0							
vc	[m/s]	0.74	0.08	0.33	0.74	0.33							
vd	[m/s]	0.00	0.60	1.20	1.80	1.20							
az	[g]	0.070	0.070	0.070	0.070	0.070							
ay	[g]	0.069	0.030	0.046	0.069	0.046							
vh,min	[m/s]	0.00	0.11	0.20	0.27	0.20							
Angle	Radius	SWL	SWL	SWL	SWL	SWL	SWL	SWL	SWL	SWL	SWL	SWL	SWL
[°]	[m]	[t]	[t]	[t]	[t]	[t]	[t]	[t]	[t]	[t]	[t]	[t]	[t]
82.8	12.2	15.0	15.0	15.0	11.5	2.0							
77.2	18.1	15.0	15.0	15.0	11.5	2.0							
73.0	22.4	15.0	15.0	15.0	11.5	2.0							
70.8	24.6	15.0	15.0	15.0	11.5	2.0							
68.7	26.7	15.0	15.0	15.0	11.5	2.0							
66.5	28.9	15.0	15.0	15.0	11.5	2.0							
64.3	31.0	15.0	15.0	15.0	11.5	2.0							
62.0	33.2	15.0	15.0	15.0	11.5	2.0							
57.3	37.5	15.0	15.0	15.0	11.5	2.0							
52.3	41.8	15.0	15.0	15.0	11.5	2.0							
46.9	46.1	15.0	15.0	15.0	11.5	2.0							
41.0	50.3	15.0	15.0	15.0	11.5	2.0							
34.3	54.6	15.0	15.0	15.0	11.5	2.0							
26.0	58.8	15.0	15.0	15.0	11.5	2.0							
10.7	63.5	15.0	15.0	15.0	11.5	2.0							

Design code:	API 2C, 7th Edition, Specification for Offshore Pedestal Mounted Cranes, 2012, LMB-Curve API7													
Calculation method:	GM													
Installation	Status:	floating					Additional hoist gear:	none					DCN	LCN
	Max. static trim:	[°] 1.5											none	none
	Max. static heel:	[°] 1.5												
	Minimum elevation:	[m] 34												
	Maximum elevation:	[m] 40												
Crane is lifting to or from (offboard):	Supply vessel						Available tugger winch	Reeving					max. avail. line pull	
								[-]					[t]	[%]
Max. mean wind speed:	[m/s] 20.5						none							
Boom length:	[m] 57.00													
Reeving luffing gear:	[-] 10													
1. Operational limitations due to low hoisting velocity:	none													
2. Operational limitations due to exceeding of recommended hoist rope reeving:	none													
3. Operational limitation for personnel lifting (except for emergency operation):	Visibility:	daylight only												
	max. constant wind speed:	[m/s]	10											
	SWH:	[m]	≤ 2.0											
If personnel lift charts are available for SWH > 2.0 m:							see user manual.							