



Liftboats

240 Class - L/B Paul

SEACOR
MARINE

Main Particulars

LENGTH OVERALL	138.3 ft	42.2 m
BEAM OVERALL	85.9 ft	26.2 m
DEPTH	11.7 ft	3.6 m
LIGHT DRAFT	7.68 ft	2.34 m
TONNAGE (ITC) GRT	1,201	

Cargo Deck

CLEAR AREA	6,200.0 ft ²	576.0 m ²
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Capacities

FUEL OIL	24,000 USG	91 m ³
POTABLE WATER	23,400 USG	89 m ³

Machinery

MAIN ENGINES	(2) Caterpillar C32, (2) Caterpillar C9	
MAIN GENERATORS	(2) 215 KW	
BOW THRUSTER #1	300 hp Jastrum	
PROPELLERS	2x Workboat	

Crane Capabilities

MAX SWL	150 Tons
CRANE #1	150 Tons @ 30' Radius (150 Tons @ 9.23m) 100' Lattice Type (30.77 m)
CRANE #2	40 Tons @ 20' Radius (40 Tons @ 6.15m)(Telescoping) 60'-90' (18.4m - 27.7m)

Jacking

LEG CONFIGURATION	3	
JACK MAXIMUM LOAD	379.90 Lt	386.00 Mt
PAD DIMENSIONS	34'(10.46m), 18'(5.54m), 5'6"(1.72m)	
PAD CONFIGURATION	Raked on both ends	
MAX WORKING DEPTH	183.17 ft	55.83 m

Accommodation

BERTHS	42
CREW CAPACITY	8
PASSENGERS	34
CREW MESS	1
LOUNGES	1

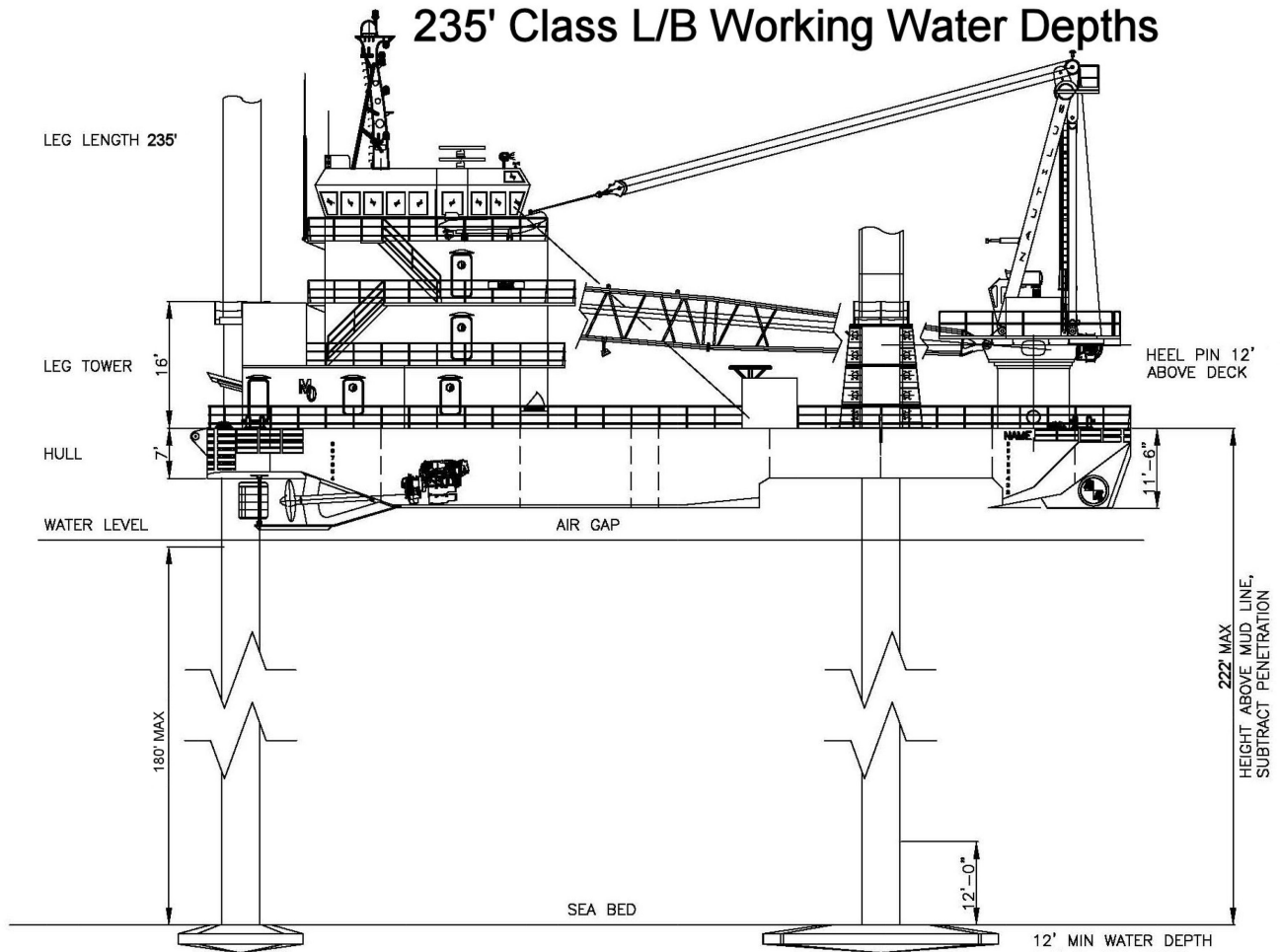
Electronics & Controls

DP REFERENCE #1	GPS
RADAR #1	Equiped
GMDSS	A3
AIS	1

Documentation

CLASS	ABS
CLASS ID	09194168
FLAG	USA
USCG	O.S.V.
OFFICIAL NUMBER	1220726
IMO	8770704
CALL SIGN	WDE6198
BUILD YEAR	2009
BUILDER	RODRIGUEZ SHIPBUILDING, INC.
HULL NUMBER	254

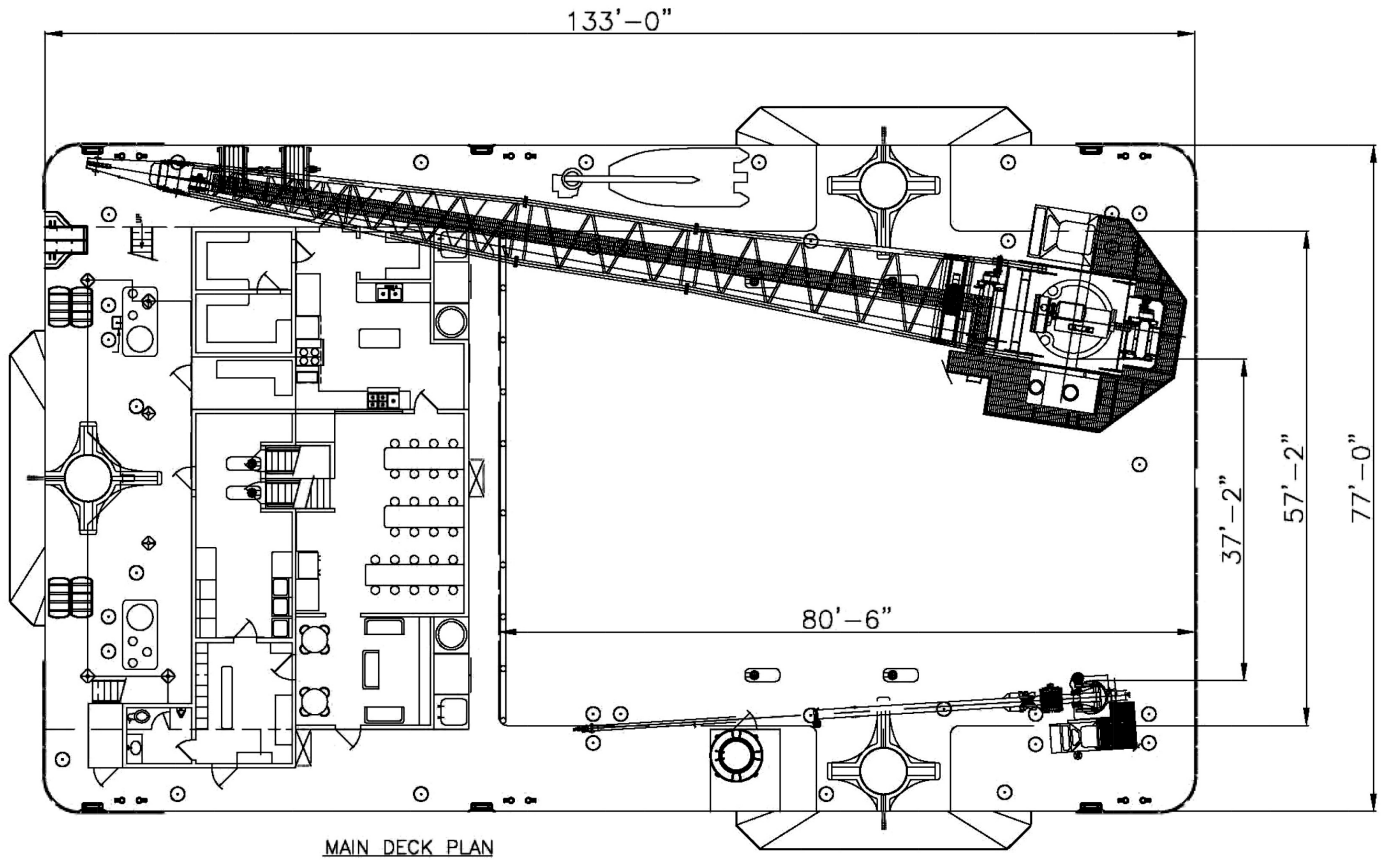
235' Class L/B Working Water Depths

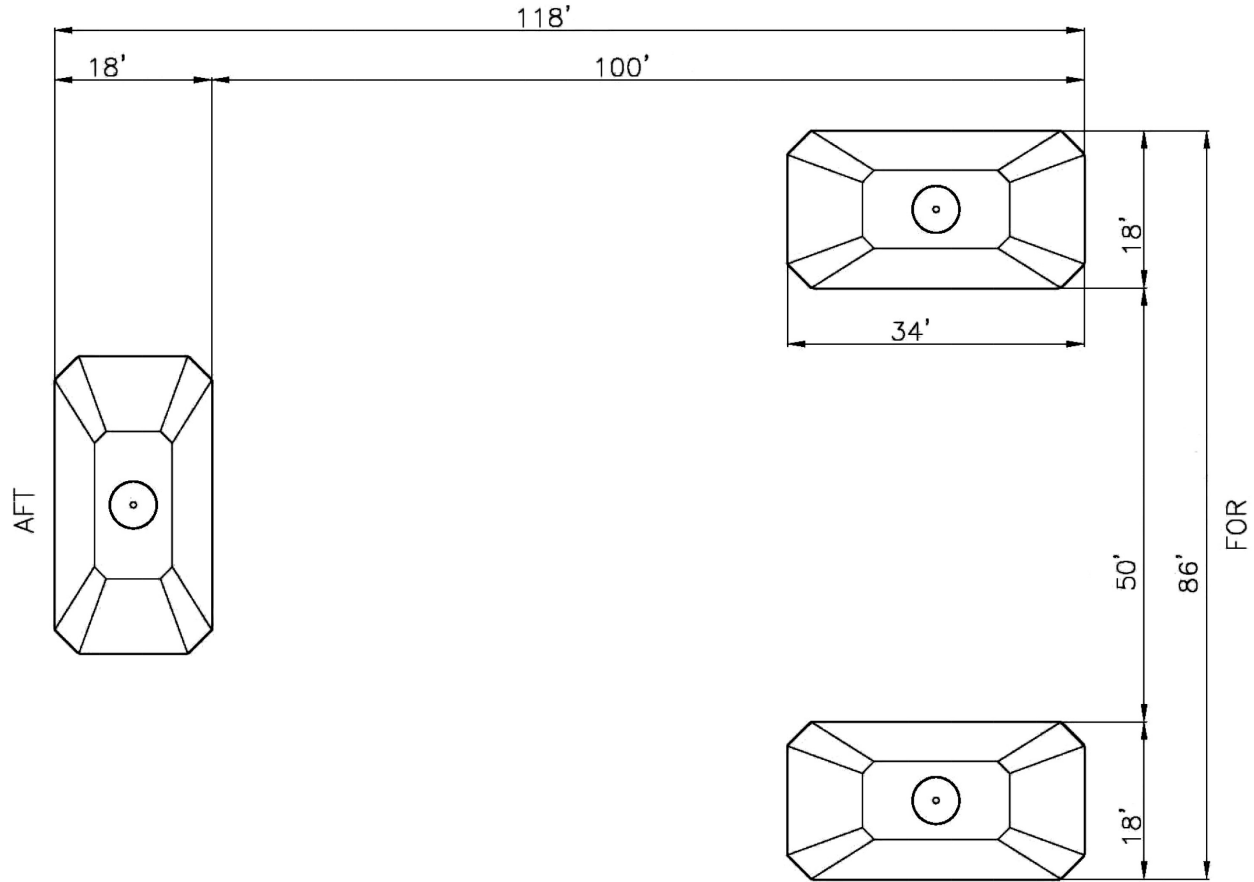


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PAD ARRANGEMENT



MARINE CRANES
HOUMA, LOUISIANA 70363
(985) 868-0630

MODEL 180BT-60/90
SERIAL NUMBER 21707
MONTCO OFFSHORE



		60 FOOT BOOM - RETRACTED						
		MAIN HOIST LOW SPEED		MAIN HOIST HIGH SPEED		AUXILIARY HOIST		
		SIX PART REEVING		SIX PART REEVING		SINGLE PART REEVING		
RADIUS (FT)	BOOM ANGLE (DEG)	ONBOARD (lbs)	OFFBOARD (lbs)	ONBOARD (lbs)	OFFBOARD (lbs)	ONBOARD (lbs)	OFFBOARD (lbs)	PERSONNEL (lbs)
8.1	83	80,000	53,333	50,880	50,880	7,669	7,669	2,154
10	81	80,000	53,333	50,880	50,880	7,669	7,669	2,154
15	76	70,454	46,569	50,880	46,569	7,669	7,669	2,154
20	71	55,543	36,629	50,880	36,629	7,669	7,669	2,154
25	66	46,179	30,398	46,197	30,398	7,669	7,669	2,154
30	61	38,707	25,405	38,707	25,405	7,669	7,669	2,154
35	55	32,522	21,281	32,522	21,281	7,669	7,669	2,154
40	49	27,792	18,128	27,792	18,128	7,669	7,669	2,154
45	42	24,078	15,652	24,078	15,652	7,669	7,669	2,154
50	34	21,078	13,652	21,078	13,652	7,669	7,669	2,154
55	24	18,605	12,003	18,605	12,003	7,669	7,669	2,154
60	0	16,450	10,567	16,450	10,567	7,669	7,669	2,154

DESIGN CONDITIONS	
METHOD USED	DEFAULT DYNAMIC
HOOK DROP	205 FT
MIN HOOK SPEED (MAIN LOW SPEED)	18 FPM
MIN HOOK SPEED (MAIN HIGH SPEED)	39 FPM
MIN HOOK SPEED (AUX.)	281 FPM

		90 FOOT BOOM - EXTENDED						
		MAIN HOIST LOW SPEED		MAIN HOIST HIGH SPEED		AUXILIARY HOIST		
		SIX PART REEVING		SIX PART REEVING		SINGLE PART REEVING		
RADIUS (FT)	BOOM ANGLE (DEG)	ONBOARD (lbs)	OFFBOARD (lbs)	ONBOARD (lbs)	OFFBOARD (lbs)	ONBOARD (lbs)	OFFBOARD (lbs)	PERSONNEL (lbs)
12	83	49,064	32,309	49,064	32,309	7,669	7,669	2,154
15	81	47,600	31,333	49,306	32,471	7,669	7,669	2,154
20	77	45,160	29,707	49,825	32,817	7,669	7,669	2,154
25	74	42,717	28,078	42,717	28,078	7,669	7,669	2,154
30	71	35,474	23,249	35,474	23,249	7,669	7,669	2,154
35	67	30,021	19,614	30,021	19,614	7,669	7,669	2,154
40	64	25,832	16,821	25,832	16,821	7,669	7,669	2,154
45	60	22,513	14,609	22,513	14,609	7,669	7,669	2,154
50	57	19,808	12,805	19,808	12,805	7,669	7,669	2,154
55	53	17,577	11,318	17,577	11,318	7,669	7,669	2,154
60	49	15,700	10,067	15,700	10,067	7,669	7,669	2,154
65	44	14,098	8,999	14,098	8,999	7,669	7,669	2,154
70	39	12,707	8,071	12,707	8,071	7,669	7,669	2,154
75	34	11,501	7,267	11,501	7,267	7,669	7,669	2,154
80	28	10,441	6,561	10,441	6,561	7,669	7,551	2,154
85	20	9,495	5,930	9,495	5,930	7,669	6,920	2,154
90	0	8,664	5,376	8,664	5,376	7,669	6,366	1,982

NOTE:

- OFFBOARD LIFTS BASED ON SWL*Cv
- Cv IS THE VERTICAL DYNAMIC COEFFICIENT DETERMINED BY THREE METHODS
 - * VESSEL SPECIFIC METHOD - USED FOR DETERMINING RATINGS FOR FLOATING PLATFORM / VESSEL
 - * GENERAL METHOD - USED FOR DETERMINING RATINGS FOR FLOATING PLATFORM / VESSEL OR FIXED PLATFORM
 - * DEFAULT DYNAMIC METHOD - OFFBOARD LIFTS FROM FIXED PLATFORM (Cv=2.0)
- SHEAVE EFFICIENCY CONSIDERED.
- THE ABOVE RATINGS ARE NET RATINGS AS THE MAIN LOAD BLOCK WEIGHT OF 1200 LBS. AND THE AUXILIARY OVERHAUL BALL WEIGHT OF 210 LBS. HAVE ALREADY BEEN SUBTRACTED TO DETERMINE "NET" CAPACITY.
- REFERENCE MANUAL FOR REEVING DIAGRAMS.
- REFERENCE INFORMATION CHART FOR REEVING DETAILS.
- ALL RATINGS IN ACCORDANCE WITH API SPECIFICATION 2C (SPEC 2C), SIXTH EDITION, SEPTEMBER 2004.

REV: A
P/N: N2007SK3-070



NAUTILUS
MARINE CRANES
HOUMA, LOUISIANA 70363
(985) 868-0630

LIFTING LOAD CAPACITY CHART
NAUTILUS MODEL 1100L-100 MARINE CRANE



RADIUS (FT)	BOOM ANGLE (DEG)	MAIN HOIST		AUXILIARY HOIST		PERSONNEL (lbs)
		12 PART REEVING		2 PART REEVING		
		ONBOARD (lbs)	OFFBOARD (lbs)	ONBOARD (lbs)	OFFBOARD (lbs)	
24	81	330,000	220,000	22,211	20,000	8,654
25	80	330,000	220,000	22,211	20,000	8,654
30	77	300,280	198,196	22,211	20,000	8,654
35	74	256,816	169,210	22,211	20,000	8,654
40	71	223,532	147,021	22,211	20,000	8,654
45	68	197,232	129,488	22,211	20,000	8,654
50	65	175,930	115,286	22,211	20,000	8,654
55	62	158,326	103,550	22,211	20,000	8,654
60	59	143,686	93,790	22,211	20,000	8,654
65	55	131,071	85,380	22,211	20,000	8,654
70	52	120,193	78,128	22,211	20,000	8,654
75	48	110,714	71,809	22,211	20,000	8,654
80	44	102,380	66,253	22,211	20,000	8,654
85	39	94,995	61,330	22,211	20,000	8,654
90	35	88,309	56,872	22,211	20,000	8,654
95	29	82,398	52,932	22,211	20,000	8,654
100	22	77,055	49,370	22,211	20,000	8,654
105	12	72,191	46,127	22,211	20,000	8,654
106	0	70,297	44,864	22,211	20,000	8,654

NOTE:

- 1) OFFBOARD LIFTS BASED ON SWL*Cv
- 2) Cv IS THE VERTICAL DYNAMIC COEFFICIENT DETERMINED BY THREE METHODS
 - * VESSEL SPECIFIC METHOD – USED FOR DETERMINING RATINGS FOR FLOATING PLATFORM / VESSEL
 - * GENERAL METHOD – USED FOR DETERMINING RATINGS FOR FLOATING PLATFORM / VESSEL OR FIXED PLATFORM
 - * DEFAULT DYNAMIC METHOD – OFFBOARD LIFTS FROM FIXED PLATFORM (Cv=2.0)
- 3) SHEAVE EFFICIENCY CONSIDERED.
- 4) THE ABOVE RATINGS ARE NET RATINGS AS THE MAIN LOAD BLOCK WEIGHT OF 6000 LBS. AND THE AUXILIARY LOAD BLOCK WEIGHT OF 390 LBS. HAVE ALREADY BEEN SUBTRACTED TO DETERMINE "NET" CAPACITY.
- 5) REFERENCE MANUAL FOR REEVING DIAGRAMS.
- 6) REFERENCE INFORMATION CHART FOR REEVING DETAILS.
- 7) ALL RATINGS IN ACCORDANCE WITH API SPECIFICATION 2C (SPEC 2C), SIXTH EDITION, SEPTEMBER 2004.

CRANE S/N: 21607C

LOCATION: LIFTBOAT MOTOR VESSEL

REV: B
P/N: N2007SK3-062

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