

Caitlin | Class 235' Liftboat

HOME PORT: NEW ORLEANS, LA

allcoastllc.com/specsheets

Overview

LEG

Leg Length	235 ft
Leg Diameter (Od)	-
Leg Tower Height	16 ft

HULL

Length (Overall)	137 ft
Length (Barge Only)	-
Beam (Overall)	86 ft
Beam (Barge Only)	-
Hull Depth	11.6 ft

PAD

Length	34 ft
Width	18 ft
Depth	5.5 ft
Bearing Load	380.00 Lt
Design	Raked on both ends

CRANE	Port	Starboard
Load Rating	150 ton	40 ton
Make	Nautilus	Nautilus
Model	1100L	180BT
Boom Type	Heel pin	Telescopic
Boom Length	100 ft	60-90 ft
Crane Inst. Type	Deck Mount	Deck Mount

PROPULSION

Mains - Make	Caterpillar (2x)
Mains - Model	C32
Horsepower	1,000 hp
Bow Thruster Equipped	300 hp Jastrum
Clutch Make/Reduction	-
Consumption/Engine-Full	48.0 gph
Consumption/Engine-Half	24.0 gph

GENERATORS

Generator Engine Make	Caterpillar (2x)
Generator Engine Model	C9-215
Generator Output	215 kw
Consumption/Gen	

DECK

Total Deck Area	N/A
Clear Deck Area	7,600 ft^2
Additional Clear Area	N/A
Maximum Deck Load	-

CAPACITIES

Diesel Fuel	23,910 usg
Lube	N/A
Hydraulic Oil	N/A
Potable Water	23,400 usg
Watermaker Equipped	No

ELECTRONIC AIDS & COMMUNICATION

Compass	-
Gps/Dgps	Fully Equipped
Radar(s)	Fully Equipped
Fathometer	Fully Equipped
Loudhailer	-
Satellite Phone	-
VHF Radio	Fully Equipped
Single Sideband Radio	Fully Equipped
EPIRB	-
GMDSS	Fully Equipped

PERSONNEL ACCOMMODATIONS

Total Accommodations	42
VIP Accommodations	2
Galley & Dining	Fully Equipped
TV Lounge	Fully Equipped
Laundry Facility	Fully Equipped
Air Condition / Heater	Std Central Units

PERFORMANCE

Estimated Speed	6 knots
Max Sep – Pad to Deck	222 ft
Max Working Water Depth	180 ft
Min Working Water Depth	12 ft

DOCUMENTATION

Class	ABS
Flag/ Port of Registry	USA / New Orleans, LA
USCG	O.S.V.
SOLAS	No
Official Number	1220719
IMO	8770716
Call Sign	WDE6197
Year Built	2009
Builder	Rodriguez Shipbuilding, Inc.
Registered Tonnage	155
International Tonnage	1,201

Nautilus 150 Ton Crane		
1100L **100 FT HEEL PIN BOOM** **MAXIMUM SAFE WORKING LOAD**		
MAIN HOIST - 12 PART REEVING		
BOOM RADIUS (ft)	ONBOARD LOAD (lbs.)	OFFBOARD LOAD (lbs.)
24	330,000	220,000
25	330,000	220,000
30	300,280	198,196
35	256,816	169,210
40	223,532	147,021
45	197,232	129,488
50	175,930	115,286
55	158,326	103,550
60	143,686	93,790
65	131,071	85,380
70	120,193	78,128
75	110,714	71,809
80	102,380	66,253
85	94,995	61,330
90	88,309	56,872
95	82,398	52,932
100	77,055	49,370
105	72,191	46,127
106	70,297	44,864
AUXILIARY HOIST RATED FOR 20,000 LBS AT ALL RADII		

Nautilus 40 Ton Crane

180BT
60-90 FT TELESCOPIC BOOM
MAXIMUM SAFE WORKING LOAD

60 FT BOOM RETRACTED

BOOM RADIUS (ft)	ONBOARD LOAD (lbs.)	OFFBOARD LOAD (lbs.)
10	80,000	53,333
15	70,454	46,569
20	55,543	36,629
25	46,179	30,398
30	38,707	25,405
35	32,522	21,281
40	27,792	18,128
45	24,078	15,652
50	21,078	13,652
55	18,605	12,003
60	16,450	10,567

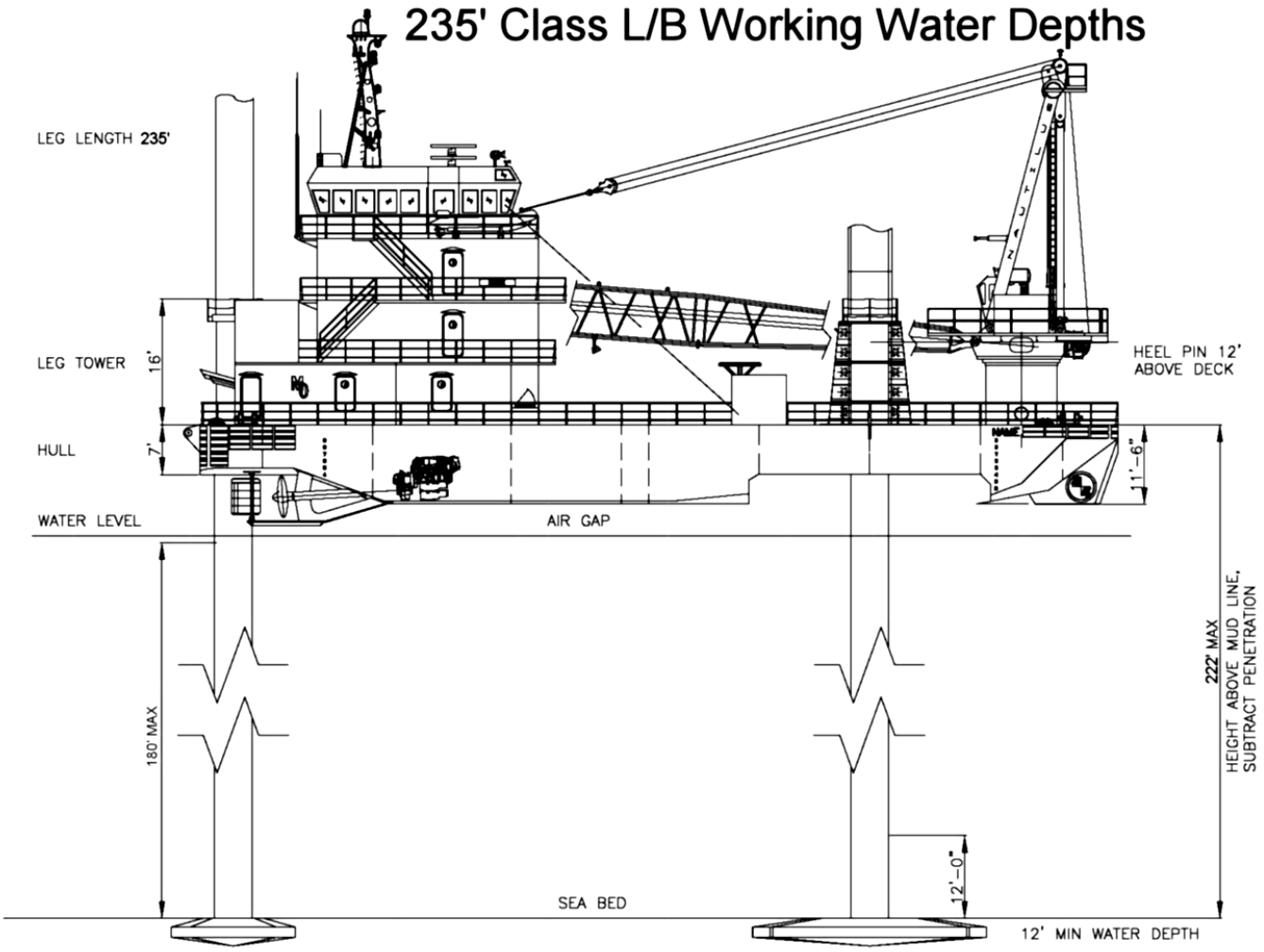
AUXILIARY HOIST RATED FOR 7,669 LBS AT ALL RADII

90 FT BOOM EXTENDED

BOOM RADIUS (ft)	ONBOARD LOAD (lbs.)	OFFBOARD LOAD (lbs.)
12	49,064	32,309
15	47,600	31,333
20	45,160	29,707
25	42,717	28,078
30	35,474	23,249
35	30,021	19,614
40	25,832	16,821
45	22,513	14,609
50	19,808	12,805
55	17,577	11,318
60	15,700	10,067
65	14,098	8,999
70	12,707	8,071
75	11,501	7,267
80	10,441	6,561
85	9,495	5,930
90	8,664	5,376

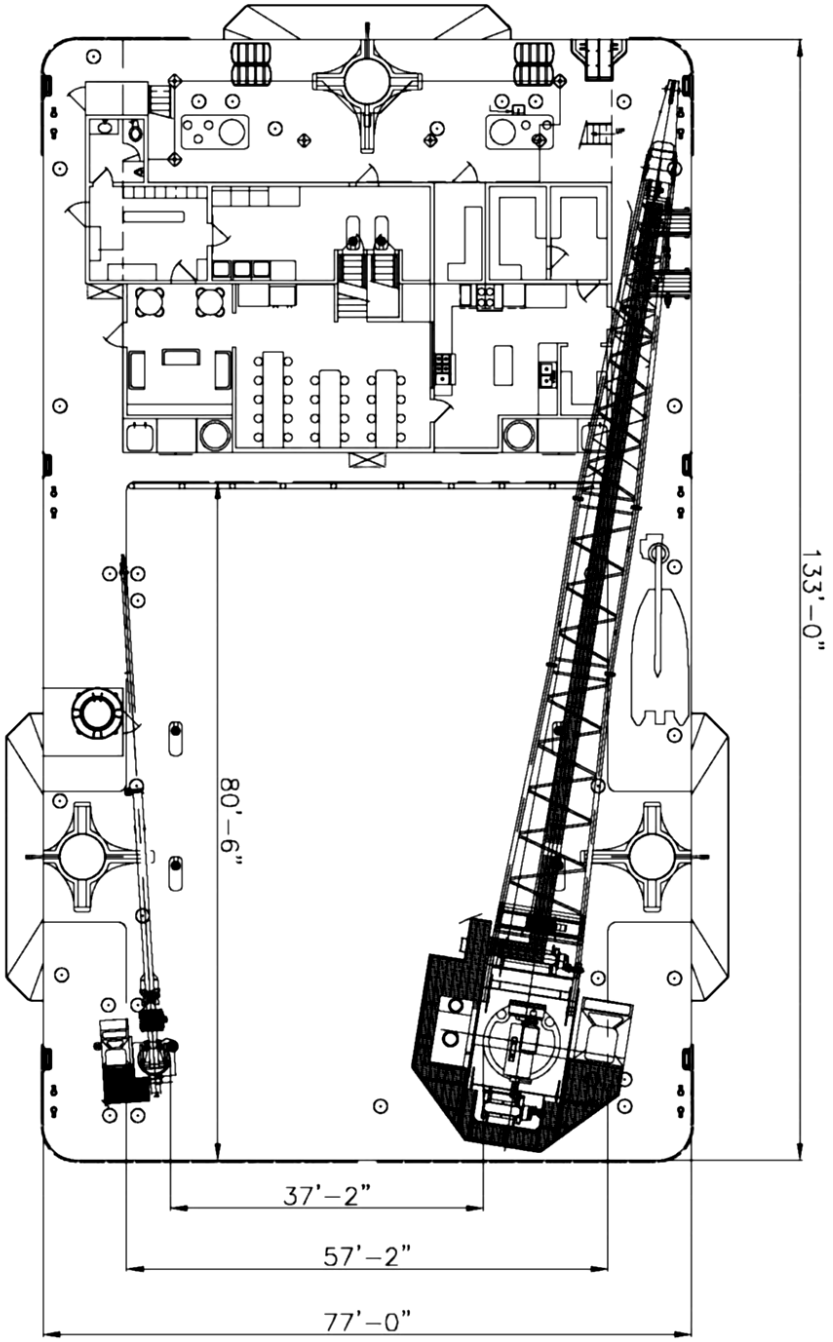
AUXILIARY HOIST RATED FOR 7,669 LBS UP TO 75 FEET

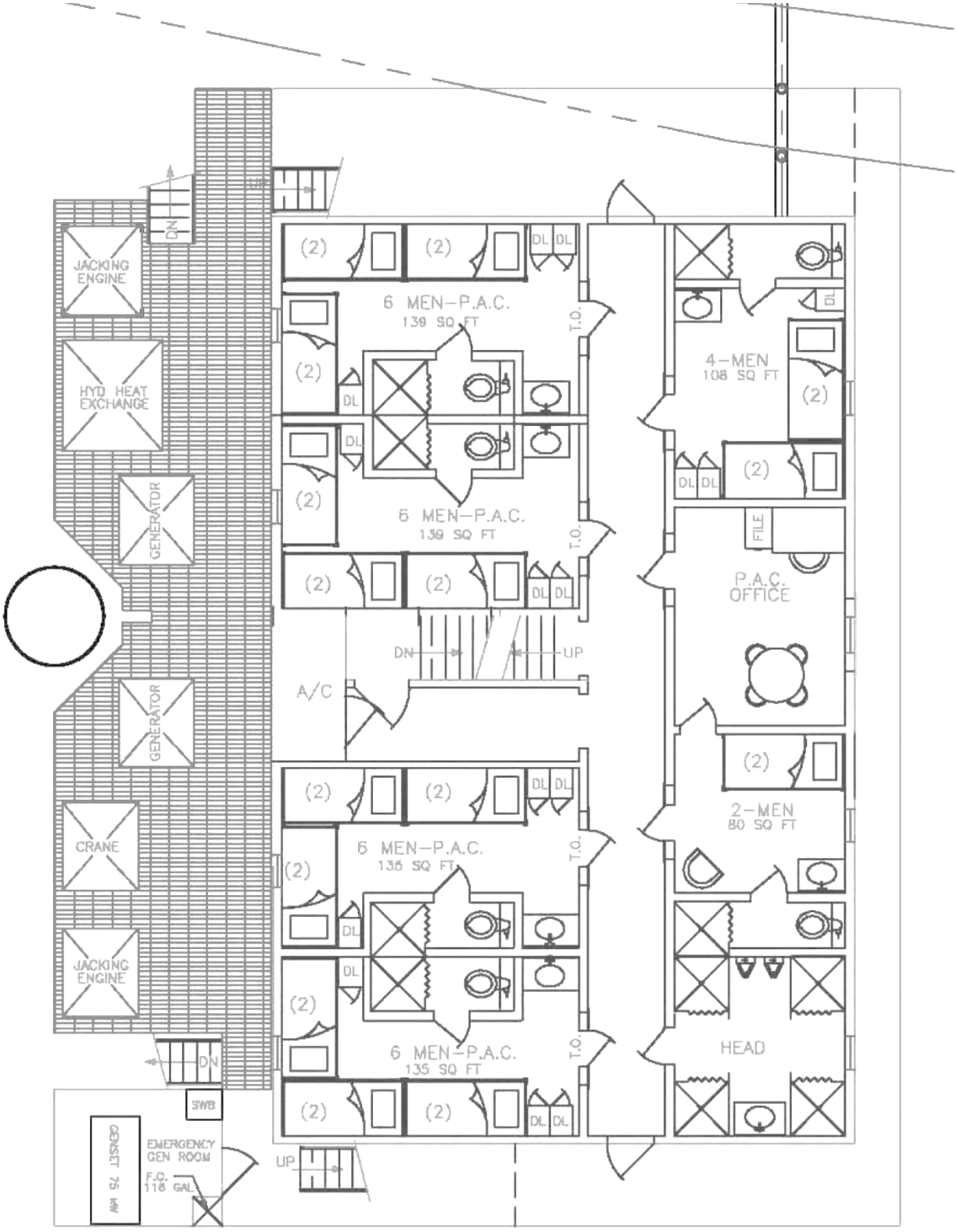
Outboard Profile



Open Deck Area

Clear Deck Area
7,600 ft^2




JACKING ENGINE
HYD. HEAT EXCHANGE
GENERATOR
GENERATOR
CRANE
JACKING ENGINE
DN
DN
DN
UP
UP
SWB
EMERGENCY GEN ROOM
F.O. 110 GAL
6 MEN–P.A.C.
139 SQ FT
6 MEN–P.A.C.
139 SQ FT
6 MEN–P.A.C.
135 SQ FT
6 MEN–P.A.C.
135 SQ FT
A/C
T.O.
T.O.
T.O.
T.O.
4–MEN
108 SQ FT
P.A.C. OFFICE
FILE
2–MEN
80 SQ FT
HEAD
(2)
DL