



# LAREDO

## M/V Petite – Class 130 Liftboat – Vessel Specifications

### Main Characteristics

Overall Length	79 ft
Overall Beam	59 ft
Hull	75 ft
Design Draft	7 ft 8 in (based upon deck load)
Depth	8ft
Total Deck Space	2,800 sq ft
Usable Deck Space	1,600 sq ft
Fuel Capacity	7,500 gal
Potable Water	9,000 gal
Gross Tonnage	Under 200 GRT
Max Deck Cargo	105,000 lbs.
Variable Deck Load	150,000 lbs. disposable

### Special Features

VIP Stateroom	(1) Company Rep Room
Lounge Room	Seating and TV

### Registration

Flag	United States
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### Jacking

Max Working Depth	80 ft (with 25 ft air gap)
Max Height of Deck	117 ft (above mud line less penetration)
Max Sea Conditions	4 ft (hard bottom) / 5 ft (soft bottom)

### Legs

Number	4
Length	130 ft
Diameter	42 in
Wal Thickness	5/8 in Braced

### Navigation / Communication Equipment

Communications	Satellite (phone, fax, internet, email)
Radios	Multichannel VHF Marine Radio; SSB
Positioning	GPS
Depth	Furuno

### Cranes (API 2C Certified)

Main	Capacity – 70 tons Boom Length – 80 ft Engine – 6V-71N GM
Auxiliary	Capacity – 5 tons Boom Length – 50 ft Engine – 6V-71N GM



### Generators

Engines	(2) 6V-71N GM
Generators	(2) 100 eKw

### Pads

Length	22 ft
Width	12 ft
Depth	2 ft

### Propulsion

Main Engines	(2) 12 V-71N GM
Shaft Horsepower	Approx. 680 SHP
Estimated Speed	4-5 knots
Reduction Gear (Twin Disc Ratio)	3:1:1

### Accessories

Submersible Pumps	(2)
Welding Machines	(2).

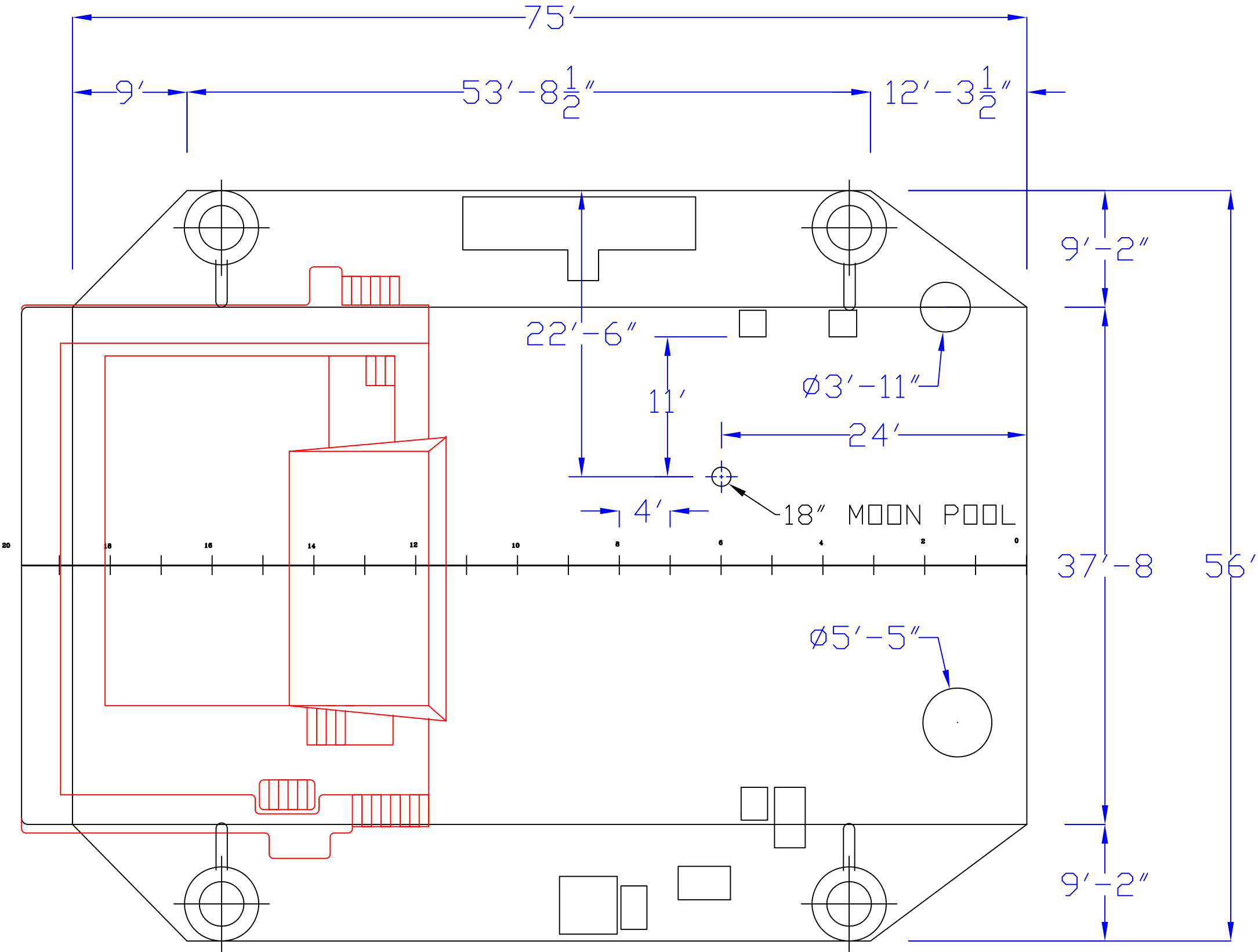
### Accommodations

Berths	Total 29 (5 crew / 24 PAC's)
Climate	Central A/C and Heating Units
Lounge	Satellite TV and Sofas
Lavatory Facilities	(4)
Galley	(16) Seats; Freezer and Icemaker
Laundry	(2) Washers and Dryers

### Moon Pool

18 in Diameter

CLASS 130 LIFTBOAT M/V PETITE



# PETITE - MAIN NAUTILUS MARINE CRANE MDL. 7000-80 LOADCHART

Radius	Degree	Static 80' 6 Part	Dynamic 80' 6 Part	Static 80' 8 Part	Dynamic 80' 8 Part	Static 80' 10 Part	Dynamic 80' 10 Part	Aux. Hoist
10'	83°	57,600	38,300	76,800	51,050	96,000	85,780	6,450
15'	80°	57,600	38,300	76,800	51,050	96,000	85,780	6,450
20'	76°	57,600	38,300	76,800	51,050	88,300	58,719	6,450
25'	73°	57,600	38,300	73,600	48,545	73,600	48,545	6,450
30'	69°	57,600	38,300	63,200	42,000	63,200	42,000	6,450
35'	65°	55,500	36,900	55,500	36,900	55,500	36,900	6,450
40'	61°	50,000	33,250	50,000	33,250	50,000	33,250	6,450
45'	57°	44,500	29,590	44,500	29,590	44,500	29,590	6,450
50'	53°	40,400	26,860	40,400	26,860	40,400	26,860	6,450
55'	48°	36,800	24,470	36,800	24,470	36,800	24,470	6,450
60'	43°	33,600	22,340	33,600	22,340	33,600	22,340	6,450
65'	37°	30,500	20,280	30,500	20,280	30,500	20,280	6,450
70'	31°	27,300	18,150	27,300	18,150	27,300	18,150	6,450
75'	22°	23,600	15,690	23,600	15,690	23,600	15,690	6,450
80'	40	15,300	10,170	15,300	10,170	15,300	10,170	6,450

## PERSONNEL LIFT APPROVED

MAIN HOIST WIRE ROPE .750 19 x 7  
 AUXILLARY HOIST WIRE ROPE .750 19 x 7 LOAD  
 BLOCK/ 70T 5 SHEAVE BLOCK

WEIGHT OF BLOCK AND RIGGING NOT  
 DEDUCTED FROM ABOVE CAPACITIES.  
 DEDUCT THIS FACTOR FROM THE ABOVE  
 PRIOR TO LIFT.

# **PETITE – Auxiliary** **EBI C10 Load Chart**

**Model C10 – S/N C10-50**

REACH	BOOM ANGLE (DEGREES)	DYNAMIC	STATIC
10	77	6,666	10,000
15	71	4,666	7,000
20	65	3,333	5,000
25	59	2,666	4,000
30	52	2,000	3,000
35	44	1,666	2,500
40	36	1,333	2,000
45	25	1,133	1,700
50	0	1,000	1,500

REACH – CENTER BASE ROTATION TO CENTER OF LOAD LINE SHEAVE

CAPACITIES SHOWN ABOVE DO NOT INCLUDE WEIGHT OF BLOCK, HOOK, OR RIGGING.

LOAD RATING

PERSONNEL RATED

2-PART LINE  $\frac{3}{4}$ " 19X7 IWDC 600 ft.

5,000 LB. WORKING.