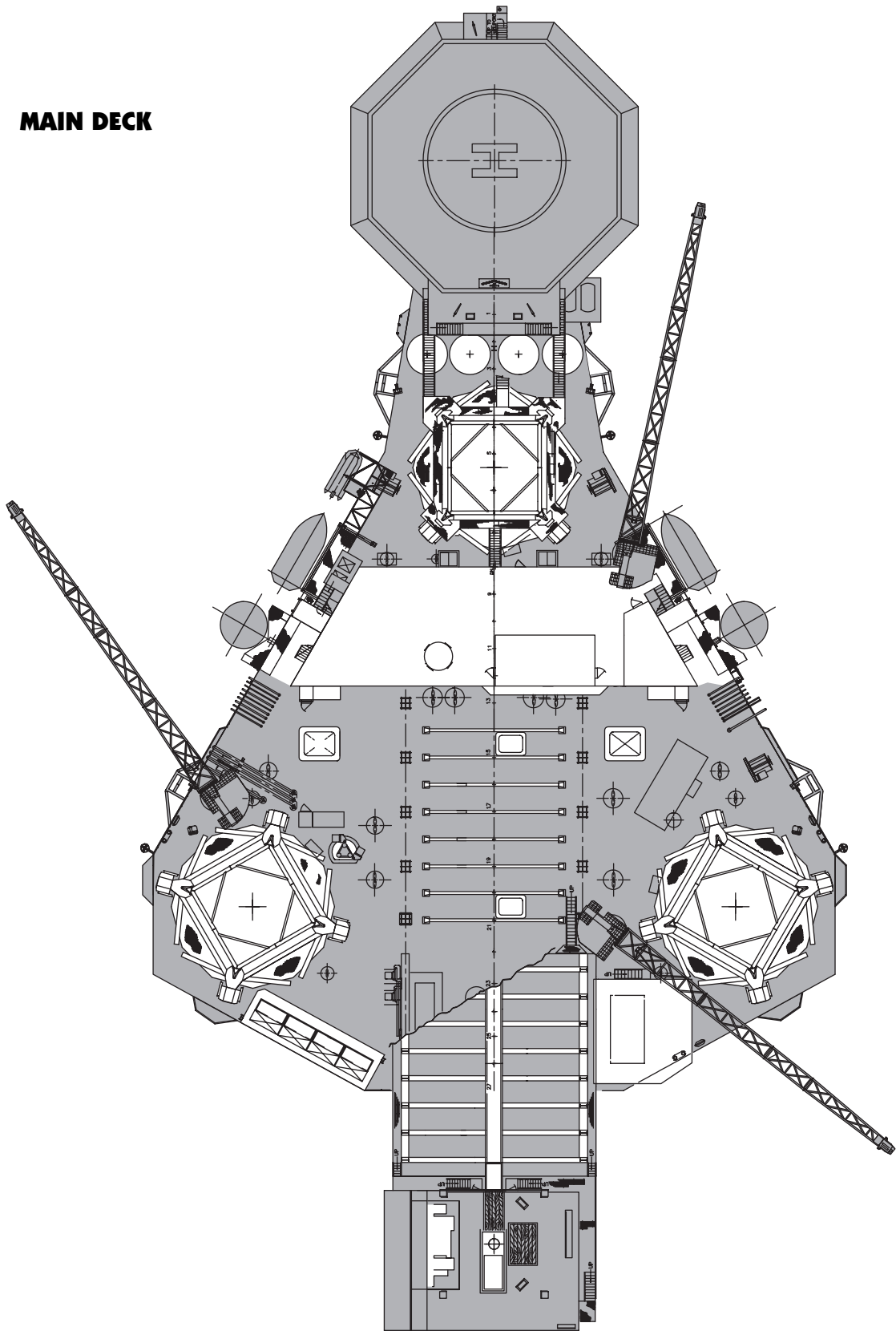


MAIN DECK



The LeTourneau

SUPER 116 CLASS

ENVIRONMENTAL CRITERIA

Standard Leg

477 feet of Leg, Elevated Weight of 16,250 kips

Water Depth Feet (Meters)	Wind Speed Knots (m/s)	Wave Height Feet (Meters)	Air Gap Feet (Meters)
350 (106.7)	100 (52)	39 (11.9)*	40 (12.2)
328 (100.0)	100 (52)	45 (13.7)	50 (15.2)
300 (91.4)	100 (52)	47 (14.3)	50 (15.2)
250 (76.2)	100 (52)	50 (15.2)	50 (15.2)
200 (61.0)	100 (52)	53 (16.2)	50 (15.2)
150 (45.7)	100 (52)	56 (17.0)	50 (15.2)

Includes a 1.0 knot (0.5 m/s) surface current.

377 feet of Leg, Elevated Weight of 16,250 kips

Water Depth Feet (Meters)	Wind Speed Knots (m/s)	Wave Height Feet (Meters)	Air Gap Feet (Meters)
240 (73.0)	81 (42)	56 (17.0)*	50 (15.2)
220 (67.0)	81 (42)	57 (17.3)*	60 (18.2)
200 (61.0)	81 (42)	59 (18.0)*	70 (21.3)
150 (45.7)	81 (42)	63 (19.2)*	70 (21.3)

Includes a 1.5 knot (0.8 m/s) surface current and 0.5 knot (0.3 m/s) tidal current.

477 feet of Leg, Elevated Weight of 16,250 kips

Water Depth Feet (Meters)	Wind Speed Knots (m/s)	Wave Height Feet (Meters)	Air Gap Feet (Meters)
350 (106.7)	70 (36)	48 (14.6)**	48 (14.6)
328 (100.0)	70 (36)	48 (14.6)**	70 (21.3)
300 (91.4)	70 (36)	51 (15.5)**	70 (21.3)

Includes a 1.5 knot (0.8 m/s) surface current and 0.5 knot (0.3 m/s) tidal current.

These Ratings Are Based On:

- LeTourneau calculations per ABS MODU Rules.
- No marine growth.
- Dynamic amplification for water depths above 100 meters unless noted.
- No bottom soil fixity unless noted.

* Dynamics included.

** 10% bottom fixity included along with Dynamics.

All criteria subject to specific site approval. Storms are benchmarks only, site specific analysis should be performed to incorporate the effects of the actual environmental predictions, surface conditions, and rig loading.

LeTOURNEAU SUPER 116 CLASS PLATFORM

- Designed and manufactured by LeTourneau, the Super 116 platform builds on the strengths of the original workhorse of the industry, “the LeT 116-C.” The Super 116 provides the worldwide offshore drilling industry with a versatile tool for severe environments capable of exploration and development drilling and workover capabilities.
- The Super 116 cantilever with its electromechanical transverse and longitudinal skidding system allows for maneuvering the subbase 15 feet each side of center and 50 feet from the stern of the platform to the center of the rotary.
- The Super 116 is classified by the American Bureau of Shipping \mathbb{A} 1 and is built in accordance with the 1989 MODU Code established by the IMO Resolution A.649(16). When required by the customer (as many units have), the unit can be manufactured to meet the requirements of the United Kingdom Health and Safety Executive, The Netherlands Department of Mines (Dutch Mining Regulations, Continental Shelf), or other regulatory bodies.
- The Super 116 is built to survive 48 foot (14.6 meter) waves and 70 knot (36 meter/sec.) winds in 350 feet (106.7 meters) water depth.
- The Super 116 supports an octagonal heliport 73 feet (22.2 meters) across the flats designed for a Sikorsky S-61N and has ample space for the installation of refueling and fire fighting systems. Larger heliports can be provided to meet customer special requirements.
- The Super 116 is outfitted with spacious quarters for 84 persons standard or larger to meet customer special requirements.
- The size of the Super 116 allows for efficient and logical installation of owner’s equipment to meet his requirements.

STANDARD BUILDER FURNISHED OUTFITTING

DESIGN CRITERIA

American Bureau of Shipping \boxtimes AI
IMO Resolution A.649(16) (1989 MODU Code)

Note: When required by the customer, the Super 116 can be manufactured to meet the requirements of the United Kingdom Health and Safety Executive, The Netherlands Department of Mines (Dutch Mining Regulation, Continental Shelf), or other regulatory bodies.

PHYSICAL SPECIFICATIONS

RIG DIMENSIONS

Hull Length:	243 feet (74.1 meters)
Hull Width:	206 feet (62.8 meters)
Hull Depth:	26 feet (7.9 meters)
Leg Length:	477 feet (145.0 meters)
Spud Can Diameter:	46 feet (14.0 meters)
Leg Centers:	129/142 feet (39.3/43.3 meters)
Elevated Weight:	16,250 kips (7,370 metric tons)

HELIPORT

Octagonal configuration 73 feet (22.2 meters) flat to flat.
Designed for Sikorsky S61N.

QUARTERS

Three-level quarters with accommodations for up to 84 persons. Includes 5-bed hospital room, dual galley, dining, and recreation facilities. Year-round air conditioning. Top-mounted control house with internal and external access.

ANCHOR WINCHES

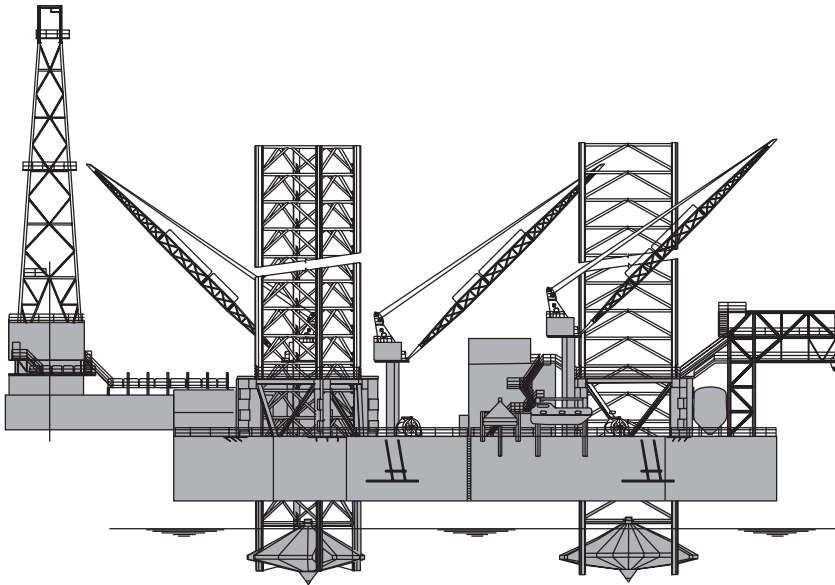
Two LeTourneau W-1500 electric-drive anchor winches each with a 50,000 pound (22,680 kg) line pull capacity. Features electric braking. No clutch or transmission, providing low maintenance. LeBus grooving and level-winding is optional.

CRANES

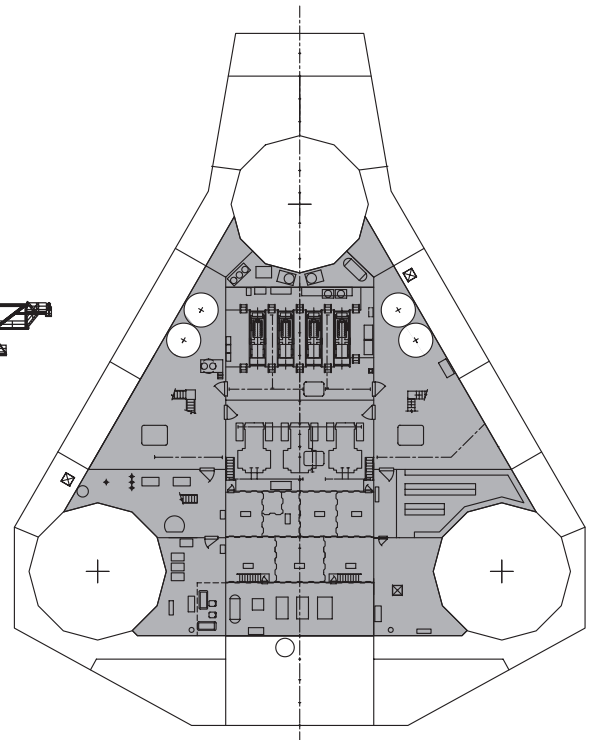
Three of LeTourneau's high performance PCM-120SS solid-state marine cranes. The PCM-120SS is rated at 100,000 pounds (45,360 kg). The cranes are strategically located to service the entire platform.

JACKING SYSTEM

Forty-eight LeTourneau 375 kip electromechanical rack and pinion drives (4-high). Each leg jacks independently at 1.5 feet (.457 meters) per minute with a total elevating capacity of 16,250 kips (7,370 metric tons).



SIDE ELEVATION



MACHINERY DECK

SUBSTRUCTURE SUBBASE AND CANTILEVER BEAM

Designed and equipped for cantilever drilling mode utilizing the LeTourneau rack and pinion electromechanical skidding system. Fore and aft movement of the subbase and transverse movement of the substructure permits multiple drilling positions facilitating workover, production, and exploration drilling.

Maximum Distance Rear of Barge to Center Line of Well	50 feet (15.2 meters)
Maximum Distance Center Line of Well to Either Side Center Line of Barge	15 feet (4.6 meters)
Well Pattern Rectangle	30 x 45 feet (9.1 x 13.7 meters)
Total Imposed Drilling Load	1,500 kips (680 metric tons)
Hook Load Rating	1,500 kips (680 metric tons)
Rotary Load Rating	1,300 kips (590 metric tons)
Setback Load Rating	650 kips (295 metric tons)
NOTE: Combination of Hook, Rotary, Setback Loads, and Conductor Tension is not to exceed the total imposed load of 1,500 kips (680 metric tons).	
Cantilever Pipe Rack Capacity	800 kips (363 metric tons)

PAYLOAD

Typical Variable, Storm	3,600 kips
Typical Variable, Drilling	5,100 kips
Maximum Cantilever Load, Drilling	1,500 kips

CAPACITIES

Typical storage capacities of some variables are:

Drill Water	13,150 barrels (2,090 cubic meters)
Potable Water	1,200 barrels (191 cubic meters)
Fuel Oil	2,800 barrels (445 cubic meters)
Bulk (8 tanks)	10,880 cubic feet (308 cubic meters)
Sack Storage	1,300 square feet (121 square meters)
Tubular Storage	3,840 square feet (357 square meters)
Liquid Mud	2,500 barrels (396 cubic meters)

CANTILEVER LOAD CHART

	15.0	12.0	9.0	6.0	3.0	0.0	3.0	6.0	9.0	12.0	15.0	
50	750	905	1080	1295	1500	1500	1500	1295	1080	905	750	50
48	860	1020	1210	1435	1500	1500	1500	1435	1210	1020	860	48
46	975	1150	1350	1500	1500	1500	1500	1500	1350	1150	975	46
44	1070	1250	1455	1500	1500	1500	1500	1500	1455	1250	1070	44
42	1155	1340	1500	1500	1500	1500	1500	1500	1500	1340	1155	42
40	1245	1440	1500	1500	1500	1500	1500	1500	1500	1440	1245	40
38	1340	1500	1500	1500	1500	1500	1500	1500	1500	1500	1340	38
36	1440	1500	1500	1500	1500	1500	1500	1500	1500	1500	1440	36
34	1500	1500	1500	1500	1500	1500	1500	1500	1500	1500	1500	34
32	1500	1500	1500	1500	1500	1500	1500	1500	1500	1500	1500	32
	15.0	12.0	9.0	6.0	3.0	0.0	3.0	6.0	9.0	12.0	15.0	

Distance aft of Transom to Centerline of Rotary (ft.)

NOTE: Based on the cantilever assembly weight of 2,150 kips and center of gravity specified. Any increase in cantilever assembly weight will result in a decrease in the allowable drilling loads.