



ENSCO 76

Design: MLT 116-C
 Built : TDI Halter, Pascagoula, USA
 Year Built / Last Upgrade: 1999 / 2024



Premium JackUp

General Description

Classification	(Maltese Cross) A1, Self-Elevating Drilling Unit.
Flag	Liberia.
Overall Dimensions (Hull)	295.58 ft. long x 206 ft. wide x 26 ft. deep.
Legs	3 x 411 ft. long, triangle.
Longitudinal Leg Centers	129 ft.
Transverse Leg Centers	142 ft.
Drafts	16.08 ft. load line draft.
Accommodation	120 persons.
Displacement	25,935 Kips operating.
Variable Deck Load	8,000 kips operating / 3,815 kips transit.
Transit Speed	average 4 knots (min. 240 kips combined bollard pull).
Operating Water Depth	300 ft.
Maximum Drilling Depth	30,000 ft.

Drilling Equipment

Derrick	Dreco, 170ft x 40ft x 32ft.
Hook load Capacity	1,500,00 lbs.
Top Drive	Varco TDS-8SA.
Cantilever / Drill Floor	65ft.
Travelling Block	American Block x 750mt x 60ft.
Crown Block	Dreco, 6 x 60 x 750mt.
Draw works	National 1625-UDBE.
Auxiliary Brake	NOV Baylor 15050.
Rotary Table	National D-495 49 1/2".
Cementing Eqpt.	Schlumberger CPS636 15,000 psi.
Torque Wrench	(1) NOV ST-120

Mud System

Mud Pumps	(3) NOV 14P-220 – 2,200 HP x 7,500 psi.
HP Mud System	7,500 psi.
Mud Pits	4,244 bbls.
Sand Trap/ Process Tank	380 bbls.
Desanders & Desilters	(2) Brandt LCM 3D-MC, Hydroclone, 2,000 GPM
Degasser	(1) Derrick Vacu Flo 1200, 1,000 gpm.
Shale Shakers	(4) Brandt VSM 300.

Storage Capacities

Fuel Oil	4,630 bbls.
Liquid Mud	4,224 bbls.
Base Oil	Utilize Mud Tanks 763 bbls.
Drill Water	11,648 bbls (incl. combo tanks).
Potable Water	726 bbls.
Bulk Material	(Barite/Bentonite + Cement) 10880 cu.ft.
Sack Storage	5,000 sq. ft.
Pipe Storage (Main)	2,400 sq. ft. x 7ft. high.
Pipe Storage (Cantilever)	2,352 sq. ft. x 7ft. high.

BOP & Well Control

BOP	(2) Cameron BOP 13-5/8 10K Double Cavity Model II
BOP Handling	(2) JD Neuhaus, Pneumatic Chain Hoist 75 Ton each hoist.
Diverter	(1) GE Vetco KFDJ-J-500
Control Unit	Sara Sae, BOP Control with 5K Shear Boost.
Choke Manifold	4-1/16" 10K Upstream to 4-1/16" 5K Downstream.

Power & Machinery

Main Power	(4) Caterpillar 3606 diesel engines driving. (4) Kato A267010000Generator rated 600V/60Hz/3phase
Emergency Power	(1) Caterpillar 3508-DHA 1,019hp

Cranes

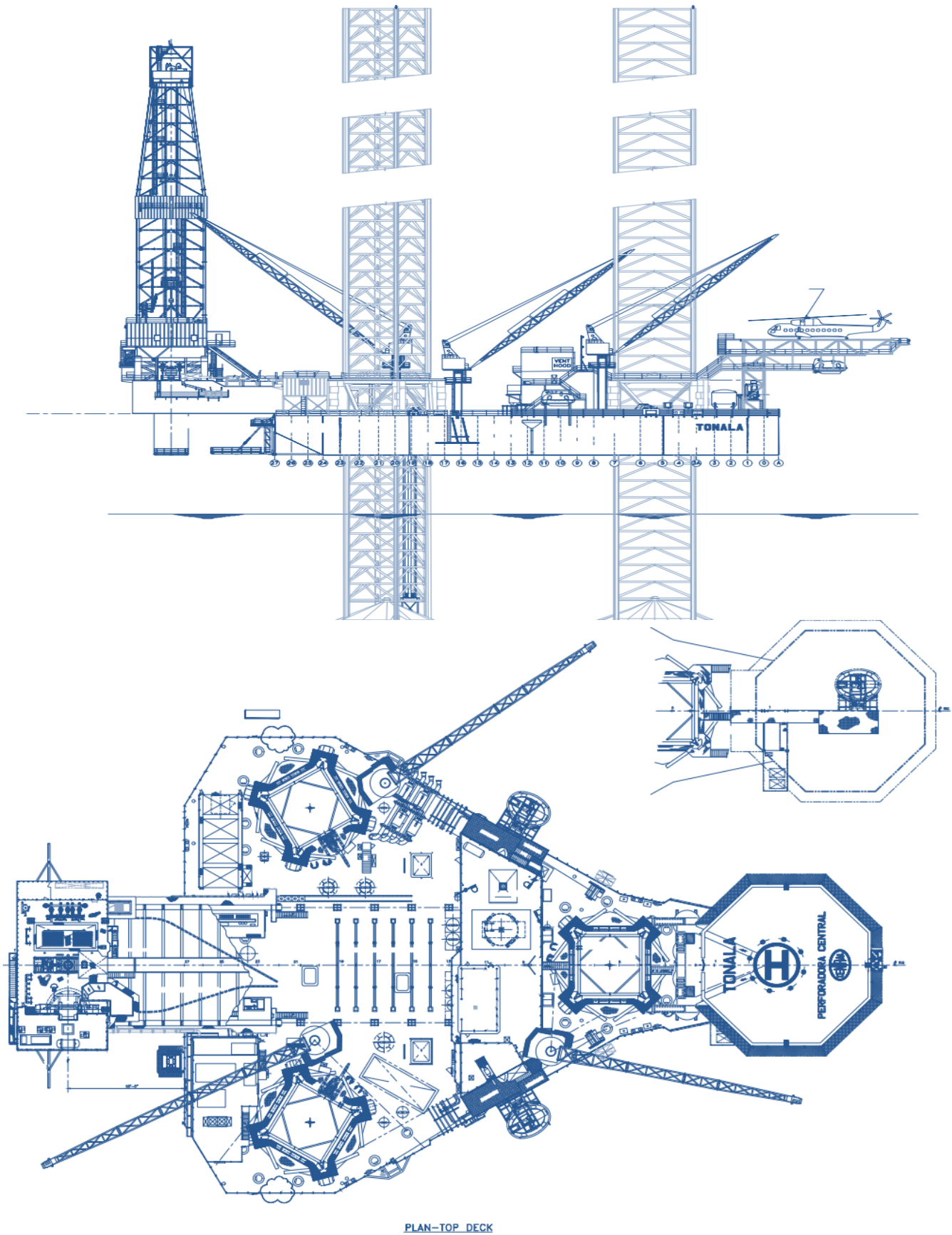
Deck Cranes	(3) Letourneau PCM 120SS.
--------------------	---------------------------

Special Features & Other Information

Helideck	D 22.2 M, 9.3 tons, S-61N.
Jacking	352 Kips per pinion for Jacking capacity. Total Normal Jacking Elevated Load 19000 Kips



These specifications are intended for general reference purposes only, as actual equipment and specifications may vary based upon subsequent changes, the contract situation and customer needs. All equipment shall be operated and maintained at all times, in compliance with ARO Drilling standard operating manuals, policies and procedures, and within its stated operational limits or continuous rated capacity, in order to assure maximum operational efficiency.



PLAN-TOP DECK



These specifications are intended for general reference purposes only, as actual equipment and specifications may vary based upon subsequent changes, the contract situation and customer needs. All equipment shall be operated and maintained at all times, in compliance with ARO Drilling standard operating manuals, policies and procedures, and within its stated operational limits or continuous rated capacity, in order to assure maximum operational efficiency.