



TAURO



VESSEL SPECIFICATIONS

Name	TAURO
Port of Registry	Isla del Carmen
Call Signal	XCMV1
IMO Number	9539717
Flag	México
Year of Build	2008
Name and Nationality of Owner	Cotemar S.A. de C.V., Mexican
Class	DNV GL 1A1, Offshore Service Vessel Fire Fighter I DPS-2

POWER GENERATION

The TAURO is equipped with:

- 4 Volvo Penta D16-A MG, with Stamford HCM534F1 generators, 594 KW 60 Hz 440/250 V each
- Emergency Generator: 1x Volvo Penta D7A-T with Stamford generator UCM274D1, 110 KW 60 Hz 440/250 V

DIMENSIONS

Length	70.00 m
Breadth	16.60 m
Depth	6.80 m
Maximum operating draft	5.60 m
Speed	10 knots
Gross tonnage	2,428 t
Net tonnage	728 t
Fuel capacity	820.7 m ³
Drinking water capacity	417.1 m ³
Drilling fluid capacity	350 m ³
Brine capacity	120 m ³
Bulk cargo capacity	230 m ³

DP SYSTEM

The TAURO vessel is fitted with Class 2 dynamic positioning system, Kongsberg Model KPOS 21, C-Joy, and independent Joystick. The vessel has the following 4 main reference systems:

- RADASCAN (1)
- DGPS (2)
- CySCAN (1)

PROPULSION

The TAURO is equipped with:

- 2 NIGATA model 6L26HX at 1972.61 HP each at 750 RPM connected to 2 Z-Pellers model Nigata ZP31
- 2 Nakashima tunnel-type electric bow propellers with 500 HP each

NAVIGATION EQUIPMENT

- 1 GPS, FURUNO GP-150
- 2 GYROCOMPASSES, TOKIMEC TWINT TG-8000
- 1 GYROCOMPASS, NAVIGAT X MK 1
- 1 MAGNETIC COMPASS, SAURA KEIKI SEISAKUSHO MR-150
- 1 ECHO SOUNDER, FURUNO
- 1 AIS, FURUNO FA-150
- 1 NAVTEX, FURUNO NX-700A
- 1 RADAR, FURUNO MODEL MU-231
- 1 RADAR, FURUNO 3 CM MODEL FR-1510 MK 3
- 1 GMDSS, FURUNO RC-1800T
- 1 AUTOMATIC PILOT, SIMRAD AP50
- 1 BNWAS, FURUNO BR510
- 1 DOPPLER SPEED LOG, FURUNO MODEL DS-80

MAIN DECK AREA AND RESISTANCE

- Available area: 200 m²
- Resistance on deck: 5 t/m²

ACCOMMODATIONS

The TAURO vessel can accommodate 50 people in 22 cabins, which are distributed as follows:

- 8 Cabins with one bed; 7 cabins with two beds; and 7 cabins with 4 beds each. Each cabin is equipped with a private bathroom
- 1 Meeting room; 2 mess rooms; 1 room specially designed for recreational purposes; 1 changing room with lockers for men and women; 1 laundry room; and hospital with a bathroom, recovery room, and observation room with 2 beds

AIR CONDITIONING SYSTEM

Integrated air conditioning system with sufficient capacity to comfortably cover the needs of the entire vessel facilities.

DECK EQUIPMENT

- Anchor and mooring wench: 2 x Marine, type: ME 13THWL10TMW, 13 t max
- Support Wench: 2 x Marine, type: ME10THTGW, 10 t max
- Cranes: 2 x Palfinger Marine 1440071, SWL, 2.3 t each

FLUID PROCESSING PLANT

The TAURO vessel has the capacity to generate 350 m³ of drilling fluid in 4 storage tanks; Each tank has stirrers, an air injection system, and a recirculation system.

WASTEWATER TREATMENT SYSTEM

Taiko sewage treatment device model STB-65. This wastewater treatment device has a processing capacity of 406x3 L/hxtime/day. The wastewater treatment plant complies with the MARPOL standards, Exhibit IV, and Mexican standard NOM 001-SEMARNAT-1996.

FOOD GRINDER

1 Tuff Gut/Gulf Gulp Disposer for organic waste with 5 HP 460 V, which complies with MARPOL standards 73/78, Exhibit V.

FRESH WATER MAKER

Freshwater Generators:

- 1 Petsea RO SW 250 generator using reverse osmosis with a capacity of 25 m³/24h.
- 2 Petsea RO SW 800 generators using reverse osmosis with a capacity of 80 m³/24h each.

FIREFIGHTING SYSTEM

Firefighting equipment registered by FIFI-I.

LIFE SAVING EQUIPMENT

- 1 Norsafe AS Rescue Boat, Tybakken 90 4818 Faervik, Rigid Rescue Boat for 06 people
- 1 JIAO YAN GJ6-OB-1 fast rescue boat that fits 15 people
- 1 Norsafe AS, Tybakken 90 4818 Faervik, Rigid Rescue Boat that fits 6 people
- 4 Life buoys with a light and support; 2 of them are on each sideband, with light-smoke signal buoy (MOB)
- 60 Life jackets: 50 in the cabins and the rest on the bridge, in the laboratory, mud plant, and ECR
- FIFI-I System
- 1 Firefighting station with complete fire equipment and diving suits

MEDICAL EQUIPMENT

- 1 OMRON bamanometer
- 3 Neil Robertson stretchers
- 1 Sphygmomanometer
- 2 Collars
- 1 Ambu portable defibrillator rescue mask

COMMUNICATIONS

- The vessel has fixed and portable VHF and UHF equipment located at strategic points throughout the vessel
- It also has full Global Maritime Distress Signal System (GMDSS) that is ready for navigation on zones A1, A2, and A3
- The vessel is fitted with a Skyfile satellite mail system (for mail service only)
- Public announcements and emergencies equipment
- Direct intercom (command bridge/Z-Peller room/machine room/steering room/bow thruster room/control room)
- Intercom. Machine areas
- Sideband System. The vessel has Furuno FS 2570C model equipment

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