



OLIMPO



VESSELS SPECIFICATION

Name	OLIMPO
Port of Registry	Isla del Carmen
Call Signal	XCU04
IMO Number	9661819
Flag	Mexico
Year of Build	2012
Name and Nationality of Owner	Cotemar, S.A. de C.V./Mexican
Class	DNV GL 1A1 Offshore Service Vessel Standby Vessel Fire Fighter I OILREC DPS-2

DIMENSIONS

Length	78.00 m
Breadth	18.60 m
Depth	7.80 m
Maximum operating draft	6.20 m
Speed	10 knots
Gross tonnage	3,555 t
Net tonnage	1,066 t
Fuel capacity	1,117 m ³
Drinking water capacity	512 m ³
Drilling fluid capacity	610 m ³
Brine capacity	200 m ³
Bulk cargo capacity	250 m ³
Ballast water capacity	1,821 m ³

POWER GENERATION

The OLIMPO is equipped with:

- 4 Caterpillar 3412 diesel generators with a capacity of 620 KW each
- 1 Volvo Penta D7A-T emergency generator with a capacity of 99 KW

DP SYSTEM

The OLIMPO is fitted with a Class 2 dynamic positioning system that includes:

- 2 Kongsberg/ K-Pos21 DP, C-Joy, and C-Wing (independent joysticks) operating stations
- 4 reference position systems based on the following 3 different principles: RADIUS (1), DGPS (2), Fanbeam (1)

PROPULSION

The OLIMPO is equipped with:

- 2 NIIGATA 8L28HX Diesel machines with a capacity of 2206 KW, each, connected to 2x2206 KW Z-peller NIIGATA ZP-41
- 2 Kawasaki KT-88B3 tunnel-type propellers in the bow with a capacity of 640 KW each

NAVIGATION EQUIPMENT

- 1 GPS, Furuno GP-150
- 3 Gyrocompass, Simrad GC 80/85
- 1 Magnetic compass
- 1 Echo sounder, Furuno FE-100
- 1 AIS, Furuno FA-150
- 1 Navtex, McMurdo Smartfind GMDSS
- 2 Radars, Furuno X: Far-X7(-BB), S: MU-201 CR
- 1 GMDSS console, Furuno RC-1800 F/1800 T
- 1 X Ecdis, Furuno FMD-3200
- 1 Automatic pilot, Anschütz Pilostar D AP02-501
- 1 VDR, Furuno VR-3000S
- 1 UHF radio station, Motorola LAM25RKD9AA2AN
- 2 VHF radio stations, ICOM IC-M504A and IC-M424

AREA AND RESISTANCE OF THE MAIN DECK

- Deck area: 265 m² (excluding mud plant)
- Deck area: 785 m² (including mud plant)
- Resistance: 7.5 t/m²

ACCOMMODATIONS

The OLIMPO vessel can accommodate 50 people:

- 6 Cabins with one bed; 6 cabins with one double bed each; and 8 cabins with 4 beds each
- All cabins are equipped with a private bathroom
- The vessel has a recovery area with 20 beds
- It has a waiting room; 1 meeting room; 2 mess rooms; 1 room specially designed for recreational purposes, and 1 changing room with closets

AIR CONDITIONING SYSTEM

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

DECK EQUIPMENT

- 1 Bow wench: 2xME-HATW/GDW-46U3-6B20 W with a capacity of 10.6 t, 43 hp
- 1 Center wench: 2xME-HTOW/SD 10T W with a capacity of 10 t, 49 hp
- 1 Stern wench: 2xME-HVC-5T W. with a capacity of 5 t, 11.9 hp
- Crane: 5 t@10 m hydraulic crane

FLUID PROCESSING PLANT

The OLIMPO has a mud plant to generate and recondition drilling fluids with the capacity to generate 810 m³ of drilling fluid in 9 storage tanks. Each tank has stirrers, emulsifiers, dosing silo, and mixing funnel. The plant can process liquid mud.

LIFE SAVING AND STANDBY EQUIPMENT

The OLIMPO is equipped with:

- 1 Decontamination area
- 1 Hospital
- Recovery area with 20 beds, 10 showers, and 10 WC
- 2 Rescue boats
- 2 Jason net cradles

WASTEWATER TREATMENT SYSTEM

1 IMO-Biological type CKST-65 model treatment plant with a capacity of 3900 L/H, which complies with MARPOL standards, Exhibit IV and Mexican standard NOM 001-SEMARNAT-1996.

FOOD GRINDER

1 Tuff Gut Grinder of 300 L/H organic waste food grinder, which complies with MARPOL standards 73/78, Exhibit V.

FRESH WATER MAKER

- 1 Quantum 1.2 m3/hr fixed reverse osmosis freshwater generator
- 2 Reverse osmosis 150 m3/24h generators. Both generators comply with Mexican standard NOM-127-SSA1-1994

MEDICAL EQUIPMENT

- 1 Hospital
- 1 Neil Robertson stretcher
- 1 Collar
- 1 Rescue tripod
- 1 Stretcher
- 1 Emergency oxygen unit

FIREFIGHTING SYSTEM

- 1 TD System, Type SFP 250x 350 XP firefighting equipment registered by FIFI-I

LIFE SAVING EQUIPMENT

- 2 Rescue boats that fit 15 people each
- 6 Life rafts that fit 25 people each
- 8 Life buoys with support and light; 4 life buoys with support line; 2 life buoys with light; and 2 with light and smoke signal (MOB)
- 66 Life jackets: 50 in the cabins, one for each crewmember, and the rest of them are located on the command bridge, kitchen, ECR, Bosun room, and laboratory
- FIFI-I System
- 2 Fully equipped firefighting stations

COMMUNICATIONS

- The vessel has fixed and portable VHF and UHF equipment located at strategic points throughout the vessel, as well as a fixed VHF band on the navigation bridge
- It also has full Global Maritime Distress Signal System (GMDSS) that is ready for navigation on zones A1, A2, A3, and A4
- Satellite phone and email service. The vessel has Skyfile mail service (Inmarsat)
- Satellite internet antenna for broadband internet service
- Satellite TV antenna for KU-Band TV service
- PA System. Public announcements and emergencies equipment
- Direct intercom (command bridge/accommodations area and cabins/control room/machine room/steering room/thruster room)
- Intercom. Machine areas
- Sideband System. The vessel has Furuno FS 25-70 model equipment

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