



ATLAS



COTEMAR

VESSEL SPECIFICATIONS

Name	ATLAS
Port of Registry	Isla del Carmen
Call Signal	XCUK8
IMO Number	9661821
Flag	Mexico
Year of Build	2012
Name and Nationality of Owner	Cotemar S.A. de C.V., Mexican
Class	DNV GL 1Á1 Offshore Service Vessel Standby Vessel Fire Fighter I OILREC DPS-2 BIS

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



VESSEL SPECIFICATIONS

POWER GENERATION

The ATLAS 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 ATLAS 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 systems from 3 different principles, being these: RADIUS (1), DGPS (2), Fanbeam (1)

PROPULSION

The ATLAS 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 Automatic Pilot, Anschültz 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
- 1 Equipo Ecdis Furuno FMD-3200

AREA AND RESISTANCE OF THE MAIN DECK

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

ACCOMMODATIONS

The ATLAS 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 a 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 10TW with a capacity of 10 t, 49 hp
- 1 Stern wench: 2xME-HVC-5TW. with a capacity of 5 t, 11.9 hp
- Crane: 5 t@10 m hydraulic crane

FLUID PROCESSING PLANT

The ATLAS 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.

LIFE SAVING AND STANDBY EQUIPMENT

The ATLAS 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

DISPERATOR No. 510A shredder, model 500A-ATF Excellent Series, 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

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

MEDICAL EQUIPMENT

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

COMMUNICATIONS

- The vessel has fixed and portable VHF and UHF equipment located at strategic points throughout the vessel. It also has fixed VHF band equipment 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
- The vessel has Skyfile mail service (Inmarsat)
- Satellite internet antenna for broadband internet service
- Satellite TV antenna for KU-Band TV service
- Public announcements and emergencies equipment
- Direct intercom (command bridge/accommodations area and cabins/control room/machine room/steering room/thruster room)
- Intercom. Machine areas
- The vessel has Furuno FS 25-70 model equipment

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