



ATLANTIS



VESSEL SPECIFICATIONS

Name	Atlantis
Port of Registry	Singapore
Call Signal	9V3017
IMO Number	9704128
Flag	Singapore
Year of Build	2015
Name and Nationality of Owner	Atlantis Offshore PTE LTD, Singapore
Class	1A1 COLUMN- STABILIZED ACCOMMODATION UNIT FIRE FIGHTER (II) BISCOAT PSPC (B), CRANE OFFSHORE DYN- POS (AUTRO) EO HELDECK.

POWER GENERATION

The PSS ATLANTIS is equipped with:

- 6 Wartsilla W9L32E diesel engines with individual power of 4950 KW, each coupled to a SIEMENS generator, model 1DK4144-8AL05-Z
- 1 Caterpillar emergency motor generator with a capacity of 1550 KW

DIMENSIONS

Length	95.00 m
Breadth	67.00 m
Depth	27.49 m
Operating draft	20.00 m
Survival draft	13.50 m
Transit draft	8.60 m
Transit draft speed	8 knots
Operating draught displacement	33,300 MT
Gross tonnage	28,808 t
Net tonnage	8,643 t
Fuel tank capacity	3,165.9 m ³
Drinking water tank capacity	1,568 m ³

DYNAMIC POSITIONING

The PSS ATLANTIS is equipped with a Class III dynamic positioning system, manufactured by Kongsberg, classification K-POS DP-32, DP -12, CJOY C, with reference position systems based on 6 different principles: RADIUS (1), DGPS (3), CYSCAN (2), HPR (1), HAIN (1) y GANGWAY (1). The propulsion has 6 azimuth thrusters manufactured by Rolls Royce with a capacity of 3700 KW each.



PROPULSION, THRUSTERS, AND POSITIONING STATION

The vessel has 6 Rolls Royce azimuthing thrusters:

- 2 azimuth thrusters on the bow
- 2 azimuth thrusters on the stern
- 2 central azimuth thrusters

AT's KW capacity each: 3,700 KW

NAVIGATION EQUIPMENT

- 2 GPS, Simrad model MX512
- 3 Gyrocompasses, Sperry Marine
- 1 Magnetic compass, Sperry Marine
- 1 Echo Sounder, Skipper model GDS 103
- 1 Doppler Speed Log model DL-850 1 AIS, Kongsberg
- 1 NAVTEX, Furuno model NX-700
- 1 Radar, S band, Kongsberg MFD
- 2 Radars, X band, Kongsberg MFD
- 4 K-Bridge consoles + K- thrust console : including X and S radars , Conning , ECDIS and DP console
- 1 Main GMDSS station
- 1 GMDSS backup station
- 2 Manual command stations, Kongsberg K-thrust (Levers)
- 2 Automatic pilot stations, Kongsberg K-thrust
- 1 VDR, Kongsberg 4010R B300
- 3 UHF radio station, Motorola model XIRM8268
- 2 VHF radio telephone radio stations, Furuno model FM-89005

AREA AND RESISTANCE OF THE MAIN DECK

- Area: 2,000 m²
- Area 5 ton/m² 500m²
- Area 2 ton/m² 1,500 m²

ACCOMMODATIONS

The ATLANTIS platform can accommodate 750 people in 229 cabins, which are distributed as follows:

- 36 Single cabins; 29 double cabins; and 164 quadruple cabins. All cabins are equipped with toilet and shower
- A reception area with a waiting room; offices; 2 meeting rooms; 3 mess rooms; 4 rooms specially designed as a recreation area; movie theatre; gym; changing rooms with lockers for men and women; waiting room for personnel disembarking by sea; doctor's office and hospital with a bathroom and observation or recovery room with 2 beds

CRANES

LIEBHERR Offshore Crane type BOS 14000-300 Main Crane

Maximum cargo

Main hook 300 tons
 Auxiliary hook 25 tons

Working radius

26 radial meters from the center of the crane pedestal
 71.8 radial meters from the center of the crane pedestal

LIEBHERR Type BOS 4200-75 Auxiliary Crane

Maximum cargo

Main hook 75 tons
 Auxiliary hook 15 tons

Working radius

28 radial meters from the center of the crane pedestal
 56 radial meters from the center of the crane pedestal

AIR CONDITIONING SYSTEM

Integrated air conditioning system with sufficient capacity to comfortably cover the needs of the accommodations area.

HELIDECK

The Helideck is 22.2 m in diameter with maximum take-off capacity of 12.8 tons, can receive Sikorsky S61 and S92 helicopters.

GANGWAY

Telescopic gangway for personnel to transit to/from any facility with maximum operation length of 38.5 m. Manufactured by Marine Aluminum.

BOARDING GANGWAY

Personnel boarding gangway with an operating length of 24.28 meters.

SURFACE DIVING

The vessel has a designated area for surface diving equipment.

FRESH WATER MAKERS

3 ENWA water treatment plants by reverse osmosis of 150 m³ / day.



WASTEWATER TREATMENT SYSTEM

3 EVAC MBR 360 treatment plants each with a capacity of 66.6 m³/day. These treatment plants comply with the requirements of MARPOL standards, Exhibit IV and Mexican standard NOM 001-SEMARNAT-1996.

TRASH COMPACTOR

1 USON marine compactor, model UWC-50, with a 6-ton capacity, according to MARPOL standards 73/78, Exhibits V and VI.

FOOD GRINDER

3 Disperator model 530, with 2.2 KW of power food grinders for organic remains, which comply with MARPOL standards Exhibit V.

HELIDECK FIRE MONITORS

Fixed POP-UP helideck foam system.

FIRE FIGHTING SYSTEMS FIFI II

Two Certified Fire fighting equipments FiFi II, dual monitors type FFS1800LB, system capacity 3700 m³/hr.

LIFE SAVING EQUIPMENT

- 12 Lifeboats that fit 125 people each and equipped with VHF and SART radio
- 1 Rescue boat that fits 9 crewmembers
- 30 Life rafts that fit 25 people each
- 12 Life buoys with a light and a rope: 1 on each sideband, with light-smoke signal buoy (MOB)
- 981 Life jackets: 750 in the cabins, one for each person on board, and outside on the deck, the command bridge, engine room, and meeting points. There are 230 extra life jackets stored in boxes
- FIFI II System
- 3 Fire stations

MEDICAL EQUIPMENT

- 1 Rollaway bed for emergencies
- 1 Neil Robertson stretcher
- 1 Rescue stretcher
- 1 Flat bed with integrated collar and spider strap
- 1 AMBU resuscitator
- 1 cervical collar
- 2 Emergency oxygen units
- 1 ZOLL Mseries fixed defibrillator

COMMUNICATIONS

- The vessel has fixed and portable VHF and UHF equipment located at strategic points throughout the vessel
- It also has fixed and portable VHF equipment for helicopter operations located at navigation bridge and with the Helicopter Landing Officer (HLO)
- The vessel has full Global Maritime Distress Signal System (GMDSS) that is ready for navigation on zones A1, A2, and A3
- The ATLANTIS has Skyfile mail satellite systems (mail service only)
- Public announcements and emergencies equipment
- Internal Communication System. Direct intercom (command bridge/control room/radio room/engine room/high voltage room)
- Machine areas SIDEBAND SYSTEMS. The vessel has Furuno FS2575 model equipment

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