



BlueOOS



SEMI SUBMERSIBLE ACCOMMODATION UNIT



OOS TIRADENTES

OVERVIEW

OOS Tiradentes is a modern semi-submersible accommodation vessel designed to provide safe, comfortable and efficient offshore accommodation solutions. With a capacity of up to 600 persons on board (POB), comprehensive onboard facilities and a DP3 dynamic positioning system with first-rate station-keeping capabilities, the vessel is well equipped to support complex offshore operations worldwide.

Its spacious open deck area, supported by two service cranes, provides additional flexibility for offshore construction, maintenance and installation activities, making OOS Tiradentes a versatile asset for a wide range of offshore energy projects.



SSUMS HIGHLIGHTS

- Hotel capacity is 600 persons on board
- Large open deck space
- Gangway of 38,5 m length



OOS TIRADENTES

SSUMS SPECIFICATION



OOS TIRADENTES

NAME AND BACKGROUND

Delivery date	: 04 Feb. 2018
Builders	: Yantai CIMC Raffles offshore Ltd
Flag/Port of reg.	: Liberia / Monrovia

GENERAL

Classification	: ABS
Notation	: ⌘A1, Accommodation Service, Column Stabilized Unit, XAMS,bXACCU, ⌘DPS-2, ⌘DPS-3, CPS Additional notation: SELev, UWILD, CRC, HAB+(MODU), ENVIRO-OS, HELIDK(SRF)
IMO	: 9764350
Length	: 106,45 m
Beam	: 68,90 m
Transit draught	: 8,90 m on the marks / including thrusters (4,96) = 13,86 m
Survival draught	: 15,75 m on the marks / including thrusters (4,96) = 20,71 m
Operational draught	: 17,75 m on the marks / including thrusters (4,96) = 22,71 m
Max operational draught	: 20,00 m on the marks / including thrusters (4,96) = 24,96 m
G.T.	: 38.434 t
Air draught	: Keel – top mast = 70,4 m : 61,5 m @ Transit draught : 50,4 m @ Max Operational draught
Transit Speed	: 10 kn

SAFETY EQUIPMENT

Life boats	: 10 x 120 persons
Life rafts	: 24 x 25 persons
Rescue boat	: 1 x 6 persons

MACHINERY/PROPULSION

Main engines	: MAN 6 x 4.400 ekW, 6600 V, 60 Hz
Emergency generator	: 1 x 1.140 ekW, 690 V, 60 Hz
Fresh water generator	: 3 x 80 ton/day
Propulsion	: 6 x 3,8 mW Thrustmaster Fixed Pitch Azimuth Thrusters, Bottom mounted
Power Management System	: Kongsberg Marine

DECK MACHINERY

Service Cranes	: 2 x 60 t @ 16,8 m
Gangway	: 1x Telescopic Hydraulic Gangway 38,5 m, telescoping ± 7,5 m, Marine Aluminium
Towing	: 2 x Smit Tow Brackets

CAPACITIES

Fuel	: 3.318 m ³ Fuel Oil Capacity (90%)
Lube oil	: 34 m ³
Fresh water	: 1.520 m
Deck capacity	: Working Deck Space: Total 2.250 m ² ; Main deck area 1.300 m ² with 20 ton/m ²

HELIDECK

Helideck notation	: D-value 22,8 / 't' value 14,6 (Sikorsky S-92 and S-61N or similar)
Helideck structure	: Steel

ACCOMMODATION

POB	: 600
Single cabins	: 42
Double cabins	: 193
4-man cabins	: 43
Gym	: 2
Client offices	: 7

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