

DP Class 2 Diving Support and ROV Vessel

Sapura Conquest



Specifications

Classification :	RINA, supply vessel, C Maltese Cross, Unrestricted Navigation, Dynapos AM/AT R AUT-UMS Class DP II
DP Notation :	
Builder :	Western ShipRepair, BLRT GRUPP - Klaipeda, Lithuania
Flag :	Malaysia
Call Sign :	9MHZ3
Owners :	Sapura Subsea Corporation
Built :	2008; Keel laid 2006

Dimensions

Length Overall :	76.17 m
Breadth :	15.08 m
Max Draft (summer) :	5.0 m

Performance

Max Transit Speed :	Approx. 12 knots
Economical Speed :	10 knots
Fuel consumption :	13 MT @ 12 knots; 11 MT @ 10 knots
Endurance :	Approximately 50 days
DP Class II (Endurance) :	Approximately 10 m ³ per day

Tonnage

Gross Tonnage :	2,730 tonnes
Net Tonnage :	819 tonnes

Tank Capacity

Diesel Oil :	Abt. 700 m ³
Fresh Water :	Abt. 220 m ³
Water Maker :	2 x 10 MT/day 1 x 25 MT/day

Accommodation

8 x 1 Berth with facilities :	8
21 x 2 Berth with facilities :	42
5 x 4 Berth with facilities :	20
1 x 5 Berth with facilities :	5
Total :	Cabins = 35 Berth = 75
1 x Hospital :	2 bunks & equipped with surgical facilities

Propulsion

Main Propulsion :	4 x 1,360 kW Wartsila 8L20C2
Bow Tunnel Thruster :	1 x 745 kW Wartsila CT-175M-D 2 x 375 kW Roll's Royce 90TV
Stern Steerable Thruster :	2 x 1,600 kW Wartsila LCT- CS225-SL/WN
Harbour Generator :	1 x 370 kW CAT 3408C
Emergency :	1 x 370 kW CAT 3408DITA

Dp II System

Control System :	Kongsberg C Joy
Dynamic Positioning :	Kongsberg-SIMRAD SDP21 1 x HiPAP 500 1 x Taut Wire MK 15B/300 2 x MRU: Kongsberg Seatex 1 x MDL Fan Beam 4.2 2 x Fugro DGPS

Deck Machinery

Main Crane :	1 x ElectroHydraulic Norlift Crane With a safe working load of 40 T @ 6.9 m, 15 T @ 15 m. Hook travels 365 m subsea
Provision Crane :	Starboard side weather deck Ecotrax, Groove 977, Telescopic Crane. SWL 0.75 MT @ 6.0 m

Deck Area

Clear Deck Area :	Abt. 280 m ² 5 tonnes/m ² loading (Frame 33 to 71.5) Abt. 280 m ² 10 tonnes/m ² loading (Frame 0 to 32)
Total Deck Space :	Abt. 560 m ²
Cargo Hold :	Abt. 300 m ² 1.82 tonnes/m ² loading

Communications

GMDSS (Inmarsat - C) :	2 X Sailor 6006
VHF + DSC :	1 x Sailor 6222 1 x Sailor RT5022 1 x Skanti 1000 DSC 1 x ICOM IC-M412
MF/HF :	Sailor 6301
Computer Network :	Multiple User Shipwide
Internal :	Zenitel ACM-144

Communications :	24 hours KU Band Vsat Internet system with wifi connection whole accommodation 1 x Sailor FBB-150 terminal along with GTMailPlus Communication Centre
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Vessel Voltages

440 VAC @ 60 Hz - 3 phase
230 VAC @ 60 Hz - 3 phase
24 VDC

Mooring

Main Anchor winch :	Brattvaag SL 50-2T
Capstans :	Fore 1 x Lemans LK-EP-8000 Aft 1 x Lemans LK-EP-5000

Life Saving Equipment

Liferafts :	100% compliments on either side
Rescue Boat :	1 x 6 person rigid hull inflatable with davit
Survival Suits :	100% compliments

Bridge Equipment

Radars :	1 x JRC NWZ 164 2 x JRC JMA 9922-6XA
Gyro Compass :	3 x Standard 22 Anschutz
Echo Sounder :	1 x JRC 380
AIS :	1 x SAAB-R4
Speed Log :	1 x JRC JLN-205