

DP Class 2 Diving Support and ROV Vessel

Sapura Jane



Specifications

Classification :	ABS, + A1, Offshore Support Vessel, (E), + AMS, + DPS-2
DP Notation :	Class DP II
Builder :	Guang Zhou Hang Tong Shipbuilding & Shipping Co. Ltd.
Flag :	Malaysian
Call Sign :	9MLU5
Owner :	Sapura Subsea Corporation
Built :	2010

Dimensions

Overall Length :	78.00 m	Summer Draft :	4.80 m
Breadth :	20.00 m	Depth :	6.50 m

Performance

Max Transit Speed :	Approx. 12.0 knots
Economical Speed :	10 knots
Fuel consumption :	18 m ³ @ 12 knots; 14 m ³ @ 10 knots
Endurance :	Approximately 60 days
DP Class II :	Approximately 10 m ³ per day
At Port Consumption :	2.0 m ³ per day

Tonnage

Gross Tonnage :	3,389 tonnes
Net Tonnage :	1,016 tonnes

Tank Capacity

Diesel Oil (100%) :	1,030 m ³
Fresh Water (100%) :	736 m ³
Water Maker :	2 nos. 2 x 20 m ³ /day

Accommodation

2 x 1 Berth with facilities :	2
8 x 2 Berth with facilities :	16
27 x 4 Berth with facilities :	108
Hospital :	1 x 2 berth
Total :	Cabins = 37 Berth = 126

Propulsion

Main Propulsion :	2 x 2475 BHP @ 1000 RPM Wartsila 9L20
Tunnel Thrusters :	2 x 680 kW Kawasaki KT-88B3 Controllable Pitch type
Azimuth Unit :	2 x Lips CS250-S/WN-K azimuth Thruster with nozzles
Generator :	3 x 534 kW Caterpillar 3412C
Emergency :	1 x 122 kW Cummins 6CT8.3-D(M)

Dp II System

Dynamic Positioning :	Kongsberg K-Pos DP-21
	2 x Independent Fugro DGPS
	2 x Independent CNAV DGPS
	1 x Hipap 501 Acoustic Positioning System
	1 x RADius 1000 with 2 x transponder beacons
	2 x MRU
	1 x Taut Wire MK 15B @ 350m
	1 x MDL Fan Beam Laser Radar 4.2

Deck Machinery

Main Crane :	NOV/Hydralift Subsea Crane Electro knuckle boom crane Model OC4000 KSCE 80 T SWL for Main Hoist 20 T SWL for Auxilairy Hoist/ Man riding 1 x hydraulic crane SWL 2.0 T with 12 m reach
Provisions Crane :	

Deck Area

Total Deck Area :	700 m ² at uniform deck loading 7.5 tonnes/m ²
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Electronics

Vessel is fully equipped for GMDSS Area A3	
	2 x X band Radar
	1 x Echo Sounder
	3 x Gyro Compass
	1 x Magnetic Compass
	1 x Auto Pilot
	1 x Doppler speed log
	2 x Inmarsat C Satcom
	1 x Globe Wireless Satcom
	1 x Navtex Receiver
	2 x VHF Radio
	1 x MF/HF Radio with DSC facility
	2 x SART: 1 x Satellite EPIRB (GMDSS)
	3 x Portable VHF Radio (GMDSS)
	1 x Weather Facsimile Receiver
	1 x Sound powered telephone system
	1 x Public Address System
	1 x Automatic Identification System (AIS)
	1 x Ship Security Alert System (SSAS)
	1 x LRIT
	1 x BNWAS
	1 x ECDIS (Transas Navisailor 4000)
	24 hours Ku Band VSAT Internet System
	2 x Pre-paid crew calling VOIP phone
	TVRO Satellite TV System - ASTRO

Vessel Voltages

System :	415 Volt @ 50 HZ - 3 phase (Normal)
	240 Volt @ 50 Hz - 1 phase
	24 Volt

Hull Outfittings

Anchors and Cables

Anchors :	2 x Stockless Anchor, each 2.3 T
Cables :	48 mm diameter
Mooring :	4 point mooring with 4 x 5.1 T anchors

Deck Machinery

	1 x Hydraulic Windlass with Two Cable Drums & Two Warping Drums
	4 x Hydraulic Winch for point mooring
	2 x vertical mounted mooring capstan

Life Saving Equipment

Liferafts :	14 x 25 persons (7 pcs. on each side)
Life Boat c/w Davit :	2 x 75 person (SOLAS approved) enclosed side launching type
Immersion Suits :	153 sets
Life Jackets :	192 sets
Life Buoy Ring :	12 sets
EEBD :	9 sets
Air Breathing Apparatus :	6 sets