

DP Class 2 Diving Support and ROV Vessel



Vessel name:

SAPURAKENCANA JANE

SPECIFICATIONS

Classification	: ABS, +A1, AMS, +DPS-2, (E)
DP Notation	: Class DP II
Builder	: Guang Zhou Hang Tong Shipbuilding & Shipping Co. Ltd.
Flag	: Malaysian
Call Sign	: 9MLU5
Owners	: Allied Support 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	: 20 m ³ @ 12 knots; 15 m ³ @ 10 knots
Endurance	: Approximately 50 days
DP Class II	: Approximately 10 m ³ per day
At Port Consumption	: 2.0 m ³ per day

TONNAGE

Gross Tonnage	: 3389 tonnes
Net Tonnage	: 1016 tonnes

TANK CAPACITY

Diesel Oil (100%)	: 825 m ³
Fresh Water (100%)	: 700 m ³
Water maker	: 2 Nos. - 2 x 10 MT / day

ACCOMMODATION

8 x 1 Berth with facilities	: 8
12 x 2 Berth with facilities	: 24
22 x 4 Berth with facilities	: 88
Hospital	: 1 x 2 berth
Total	: Cabins = 42 Berth = 120

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
	: Hipap 350 Acoustics System
	: 1 x RADIUS 1000 with 2 x transponder beacons

DECK MACHINERY

Work Crane	: 100 tonnes at 10m marine crane
Provisions Crane	: 1 x hydraulic crane SWL 2.0 T with 12 m reach

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
	: 1 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)

VESSEL VOLTAGES

System	: 440 Volt @ 50 Hz - 3 phase (Normal)
	: 240 Volt @ 50Hz - 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 and Two Warring Drums
	: 4 x Hydraulic Winch for point mooring
	: 2 x vertical mounted mooring capstan

LIFE SAVING EQUIPMENT

Liferrafts	: 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

SAPURAKENCANA SUBSEA SERVICES SDN BHD (176294-K)

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