

# DP Class 2 Diving Support and ROV Vessel



Vessel name:

## SAPURAKENCANA CONQUESTS

### SPECIFICATIONS

Classification	: RINA, supply vessel, C Maltese Cross, Unrestricted Navigation, Dynapos AM/ATR AUT-UMS
DP Notation	: Class DP II
Builder	: Western Ship Repair, Klaipeda, Lithuania
Flag	: Malaysia
Call Sign	: 9MHZ3
Owners	: Allied Marine & Equipment Sdn Bhd
Built	: 2008; Keel laid 2006

### DIMENSIONS

Length Overall	: 76.17 m
Breadth	: 15.08 m
Max Draft	: 5.0 m

### PERFORMANCE

Max Transit Speed	: Approx. 12 knots
Economical Speed	: 10 knots
Fuel consumption	: 14 MT @ 12 knots; 11 MT @ 10 knots
Endurance	: Approximately 50 days
DP Class II	: Approximately 11 MT per day

### TONNAGE

Gross Tonnage	: 2730 tonnes
Net Tonnage	: 819 tonnes

### TANK CAPACITY

Diesel Oil	: Abt. 700 m <sup>3</sup>
Fresh Water	: Abt. 220 m <sup>3</sup>
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 1360 Kw Wartsila 8L20C2
Bow Tunnel Thruster	: 1 x 745 Kw Wartsila CT-175M-D 2 x 370 Kw Roll's Royce 90TV
Stern Steerable Thruster	: 2 x 1600 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 2 x CNAV DGPS 1 x Taut Wire MK 15B/300 2 x MRU 1 x MDL Fan Beam 4.2

### DECK MACHINERY

Main Crane	: 1 Electrohydraulic Norlift Crane with a static safe working load of 40 tonnes at 8m and 30 tonnes at 15m. Hook travel 400m
Provision Crane	: Aft deck - Grove M977 Telescopic Crane SWL 0.99 mt at 6.0 m, SWL 0.75 mt at 7.0 m

### DECK AREA

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

### COMMUNICATIONS

GMDSS	: SKANTI 9000
VHF + DSC	: 2 X VHF 1000
MF/AF	: Sailor 6301
Computer Network	: Multiple User Shipwide
Internal	: Vingtor
Communications	: 24 hours Vsat internet system – KU Band with world network coverage. Wifi unit in the meeting room. FB 150 - Inmarsat phone

### VESSEL VOLTAGES

	: 440 VAC @ 60 Hz - 3 phase
	: 240 VAC @ 60 Hz - 1 phase
	: 24 VDC

### MOORING

Main Anchor winch	: Brattvaag SL50-2T
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 154 2 x JRC JMA 9222-6XA
Gyro Compass	: 3 x Standard 22 Anschutz
Echo Sounder	: 1 x JRC JFE-585
AIS	: SAP L4
Speed Log	: 1 x JRC JLN-205

### SAPURAKENCANA MARINE SERVICES SDN BHD

(Formerly known as AME Marine Services Sdn Bhd)

No 2, Jalan SBC 10,  
Taman Perindustrian Batu Caves,  
68100 Selangor Darul Ehsan, Malaysia.  
Tel: +603 6196 6800 Fax: +603 6196 6899  
Email : info.ame@sapurakencana.com