

DSV Allied Conquests

SPECIFICATIONS

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

DIMENSIONS

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

PERFORMANCE

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

TONNAGE

Gross Tonnage	: 2739 tonnes
Net Tonnage	: 821 tonnes

TANK CAPACITY

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

ACCOMODATION

8 x 1 Berth with facilities	: 8
21 x 2 Berth with facilities	: 42
3 x 4 Berth with facilities	: 12
Total	: Cabins 32 Berth = 62
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 Hydralift electro-hydraulic offshore deck crane
<u>System 1</u>	: 25 tons at 30ft radius, 375m single wire at 10m/min. Max depth operating: In excess of 150meters
<u>System 2</u>	: 5 tons at 60ft radius, 215m single wire at 35m/min. Max depth operating: In excess of 150meters
Provision Crane	: Aft deck - Grove M977 Telescopic Crane SWL 0.99mt at 6.0m, SWL 0.85mt at 7.0m

DECK AREA

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

COMMUNICATIONS

GMDSS	: SKANTI 9000
VHF + DSC	: 2 X VHF 1000
MF/AF	: TRP 1000
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. : F33 - Inmarsat phone and fax

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	: 150% compliments
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 : 3 x Standard 22 Anschutz
Gyro Compass	: 1 x JRC JFE-585
Echo Sounder	: SAP L4
AIS	: 1 x JRC JLN-205
Speed Log	

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