DSV Allied Achiever

SPECIFICATIONS

Classification	: RINA, Survey vessel, C Maltese Cross, Unrestricted Navigation, Dynapos AM/ATR AUT-UMS
DP Notation	: Class DP II
Builder	: Astilleros Balenciaga S.A Zumaia, Spain
Flag	: Malaysian
Call Sign	: 9MLF3
Owners	: Allied Support Corporation
Built	: 2001

DIMENSIONS

Overall Length	: 60.00m	Max Draft	: 4.10m
Breadth	: 13.30m	Depth	: 5.00m

PERFORMANCE

Max Transit Speed	: Approx. 12.5 knots
Economical Speed	: 11 knots
Fuel consumption	: 14MT @ 12 knots; 8MT @ 11 knots
Endurance	: Approximately 50 days
DP Class II	: Approximatlely 3.5MT per day
At Port Consumption	: 1.0MT per day

TONNAGE

Gross Tonnage	: 1383 tonnes
Net Tonnage	: 414 tonnes

TANK CAPACITY

Diesel Oil (100%)	: 535m^3
Fresh Water (100%)	: 155m^3
Water maker	: 1 x 8MT / day
Note	: Useable fuel is 90% of capacity

ACCOMODATION

2 x 1 Berth with facilities	: 2	
22 x 2 Berth with facilities	: 44	
4 x 4 Berth with facilities	: 16	
Hospital	: 1 x 2 berth	
Total	: Cabins 28	Berth = 62

PROPULSION

Main Propulsion	: 2 x 1200 BHP Caterpillar 3512 Dita Marine Diesel Engine
Tunnel Thrusters	: 2 x Schottel STT 170LK Units, Electrically Driven
Azimuth Unit	: 2 x Schottel 1010 STP units
Generator	: 3 x 425 Kw Caterpillar 3412C
Emergency	: 1 x 65 Kw Caterpillar 3304 NA
ROV Generator	: 1 x Caterpillar 3408B, 350 KVA

DP II SYSTEM

Dynamic Positioning
- : Nautronix ASK 5002 Dual Redundant DP system
- : 2 x Independent DGPS (1 XP system + 1 LP system)
- : 1 x ATS II Acoustic System
- : 1 x Taut Wire MK 15B/300
- : 1 x MDL Fan Beam 4.2

DECK MACHINERY

Main Crane	: 1 Electro-Hydaulic Deck Crane with a static safe working load of 35.0 tonnes at 9.00m, Hook travel 300m
Maximum Outreach	: 15.0m with capacity of 15.0 tonnes

DECK AREA

Total Deck Area : Abt. 350m^2 at uniform deck loading 5 Tonnes/m^2

ELECTRONICS

Vessel is fully equipped for GMDSS Area A3
- : 2 x Radar - Furuno
- : 1 x Echo Sounder - Furuno
- : 3 x Gyro Compass - Anschutz
- : 1 x Auto Pilot
- : 1 x Wind Speed and Direction Indicator
- : 1 x Inmarsat B Satcom & 2 x Inmarsat C Satcom
- : 1 x Mini M Satcom
- : 1 x Navtex
- : 2 x VHF Radio
- : 1 x SSB Radio with DSC facility
- : 2 x Facsimile machine
- : 2 x SART
- : 1 x EPIRB
- : 3 x Portable VHF Radio
- : 1 Watch Reciever
- : 1 x Sound power telephone system
- : 2 x Public Address System
- : 1 x Automatic Identification System (AIS)
- : 1 x Ship Security Alert System (SSAS)

VESSEL VOLTAGES

System	: 440 VAC @ 60 Hz - 3 phase (Normal)	
	: 110VAC @ 60Hz - 1 phase (Normal + Emergency)	
	: 240 VAC @ 60 Hz - 1 phase	
	: 24 VDC - Emergency	
Power Outlets	: 4 x 440V, 63A	: 4 x 220V, 16A
	: 4 x 440V, 32A	: 2 x 110V, 32A
	: 2 x 220V, 32A	: 4 x 110V, 16A

HULL OUTFITTINGS

Anchors and Cables

Anchors	: 2 x Stockless High Holding Power Type, each 1500 Kg
Cables	: 440m of 34mm diameter, GR2, Chain Cable
Mooring	: 4 x 160m of Polypropylene rope, BS - 12.5 Tonnes

Deck Machinery
- : 1 x Hydaulic Windlass with Two Cable Drums and Two Warping Drums
- : 1 x Hydaulic Capstans 5 Tonnes
- : 1 x Hydaulic 20 Tonnes SWL (static)

LIFE SAVING EQUIPMENT

Liferafts	: 200% compliments
Rescue Boat	: 1 x 6 person rigid hull inflatable with davit

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ALLIED MARINE & EQUIPMENT

The above data / information is given in good faith but without guarantee.