

DSV Allied Centurion

SPECIFICATIONS

Classification : DNV – IAI EO DYNPOS – AUR
 DP Notation : Class DP II
 Builder : Aker Norway
 Flag : Malaysian
 Call Sign : 9MGK4
 Owners : Allied Marine & Equipment Sdn Bhd
 Upgrades : Vessel Totally Rebuilt during 1999 at Malta Drydocks to DP Class II

DIMENSIONS

Length Overall : 80.32m
 Breadth : 13.33m
 Max Draft : 5.9m

PERFORMANCE

Max. Transit Speed : 12 knots
 Economical speed : 10 knots (Est. Fuel Consumption)
 Fuel Consumption : 9 MT per day
 Endurance : Approximately 30 days
 DP Class II : Approximately 10 MT per day
 Pipeline Survey : Approximately 10 MT per day

TONNAGE

Gross Tonnage : 2455 tonnes
 Net Tonnage : 737 tonnes
 Deadweight : 1341 tonnes

TANK CAPACITY

Diesel oil : 490 cu. m approx (not inc. 12.5m³ overflow tank and 1m³ emerg. alt. tank.)
 Lube Oil : 12cu.m approx
 Fresh Water : 186 mt approx
 Water Maker : 1 x 30MT/day
 Ballast Water : 359 cu.m approx

ACCOMODATION

	Cabins	Total
Captains Deck	: 6 x 1 Berth with facilities	6
Officer Deck	: 3 x 1 Berth with facilities	3
Main Deck	: 20 x 2 Berth with facilities	40
Lower Deck	: 5 x 2 Berth with facilities	10
Hospital x 1	: 1 bunk with medical facilities	
Total	: Cabins = 34	Berth = 59

PROPULSION

Propulsion Main : Liaaen Variable pitch 3720 B.H.P 2730 KW
 Thrusters (Bow Tunnel) : 1 x Kamewa 600 B.H.P. 440 KW
 : 1 x Brunvoll 500 B.H.P. 375 KW
 Thruster (Stern Tunnel) : 1 x Kamera 600 B.H.P 440 KW
 Thruster Stern (Azimuth) : 1 x Brunvoll 545 B.H.P.400 KW
 Independent Joystick : 1 x Mar-el Backup Joystick operable on wandering lead at locations fwd & aft on bridge.

DP II SYSTEM

System : Kongsberg SDP 21 (Duplex System)
 Position References : 1 x Simrad Hipap Acoustic System
 : 1 x MDL Fan Beam
 : Mk 14B LTW Taut Wire System – 300m
 : 2 x CNAV DGPS
 Environmental References : 2 x VRU (Seatex MRU2 & Datawell)
 : 2 x Gyro (Anschutz Standard 20)
 : 2 x Wind Sensors (Lambrecht)
 Power Supplies : Dual UPS 3 KVA each
 Software Options Fitted : Auto Track Follow Sub

DECK MACHINERY

Cranes x 2 : Located Port & Starboard Main Deck Aft
 Type: Aurora 12 m Electro – Hydraulic Telescopic
 Crane 3 Section – Model 39.4TSC13224
 SWL 6,000 kg at 12 metre outreach
 SWL 12,000 kg at 6 metre outreach
 Min Radius 2 metre Max Radius 12 metres
 Wire Length 360 metres
 Hoist speed 30 metre/min

DECK AREA

Clear Deck Area : 407m²
 2nd Deck Area : 47m²
 Clear Area in Cargo Hold : 180m²

COMMUNICATIONS

GMDSS : Furuno
 Computer Network : Multiple User Shipwide
 Internal : Vingtor
 Communications : 24 hours Vsat internet system – KU Band with world network coverage . Wifi unit in the lounge.
 : Fleet 77, Mini-M, Globe wireless email /HF, Fax



VESSEL VOLTAGES

: 440 VAC @ 50 Hz - 3 phase
 : 380 VAC @ 50 Hz - 3 phase
 : 220 VAC @ 50 Hz - 1 phase
 : 24 VDC

MOORING

Forward Winches : 2 x Van Der Geissen
 Winch Speed : 20 tonnes @ 50m/min
 Wire Size : 34 mm
 Wire Length : 1200 Metres
 Forward Anchors : Danforth
 Weight : 4 tonnes

LIFE SAVING EQUIPMENT

Liferafts : 150% of vessel compliment
 Rescue Boat : 1 X 6 person rigid hull inflatable with davit
 Survival Suits : 100% of vessel compliment

BRIDGE EQUIPMENT

Radars : 1 x Furuno, 1 x Bridgemaster
 Gyro Compass : 2 Anchutz Standard 20 ; 1 Sperry Mark 37
 Auto Pilot : Simrad Robertson AP9
 Enhosounder : 1 x Skipper
 GPS : 1 x Furuno

Allied Marine & Equipment Sdn. Bhd.
 No. 23 Jalan Industri Batu Caves 1/6
 Taman Perindustrian Batu Caves
 68100 Selangor Darul Ehsan, Malaysia

Tel : 603 6185 0844
 Fax : 603 6185 0699
 eMail : info@alliedmarine.com.my

