

DP Class 2 Diving Support and ROV Vessel



Vessel name:

SAPURAKENCANA ACHIEVER

SPECIFICATIONS

Classification	: ABS, Offshore Support Vessel A1, AMS, DPS-2, CRC, Unrestricted Navigation		
DP Notation	: Class DP II		
Builder	: Astilleros Balenciaga S.A Zumaia, Spain		
Flag	: Malaysian		
Call Sign	: 9 MLF3		
Owners	: Sapurakencana Allied Corporation		
Built	: 2001		

DIMENSIONS

Length B.P	: 60.00 m	Max Draft	: 4.10 m
Breadth	: 13.30 m	Depth	: 5.00 m

PERFORMANCE

Max Transit Speed	: Approx. 10 knots
Economical Speed	: 9 knots
Fuel consumption	: 9m ³ @ 9 knots
Endurance	: Approximately 55 days
DP Class II	: Approximately 3.5 MT per day
At Port Consumption	: 0.8 MT per day

TONNAGE

Gross Tonnage	: 1383 tonnes
Net Tonnage	: 414 tonnes

TANK CAPACITY

Diesel Oil (90%)	: 476 m ³
Fresh Water (100%)	: 155 m ³
Water maker	: 3 Nos, - 2 x 8MT / day, 1 x 15MT / day

ACCOMMODATION

4 x 1 Berth with facilities	: 4	
20 x 2 Berth with facilities	: 40	
4 x 4 Berth with facilities	: 16	
Hospital	: 1 x 2 Berth	
Total Cabin	: 28	Berth = 60

PROPULSION

Main Propulsion	: 2 x 1200 BHP Caterpillar 3512 Dita Marine Diesel Engine
Tunnel Thrusters	: 2 x 350 Kw Schottel STT 170LK Units, Electrically Driven
Azimuth Unit	: 2 x 954Kw Schottel 1010 STP
Generator	: 3 x 425 Kw Caterpillar 3412C
Emergency	: 1 x 65 Kw Caterpillar 3304 NA
ROV Generator	: 1 x Caterpillar 3408B, 350 Kw

DP II SYSTEM

Dynamic Positioning	: L3 NMS 6000 Dual Redundant DP system
	: 2 x Independent DGPS (Fugro G2 GPS / GLONASS)
	: 1 x Sonardyne Rnnger 2 Pro Acoustic System with transponder
	: 1 x Taut Wire MK 15B/300
	: 1 x MDL Fan Beam 4.2
	: 4 x wind sensor

DECK MACHINERY

Main Crane	: 1 x Hydralift electro hydraulic offshore deck crane
Main Hook	: 25 tonnes at 8.5m radius, 300m single wire at 10m/min
Aux Hook	: 5 tonnes at 18m radius, 242m single wire at 35m/min

DECK AREA

Total Deck Area	: Abt. 350 m ² at uniform deck loading 5 tonnes/ m ²
Mezz Deck Area	: Abt. 89 m ² with max loading of 50T

ELECTRONICS

Vessel is fully equipped for GMDSS Area A3

	: 2 x Radar - Furuno
	: 1 x Echo Sounder - Furuno
	: 3 x Gyro Compass TS Brown, 1 x Gyro Compass Anchutz
	: 1 x Auto Pilot
	: Inmarsat B Satcom & Inmarsat C 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 Receiver
	: 1 x Sound power telephone system
	: 1 x Public Address System
	: 1 x Automatic Identification System (AIS)
	: 1 x Ship Security Alert System (SSAS)
	: 1 x LRIT
	: 1 x Automatic Telephone System
	: 1 x BNWAS
	: 24 hours Ku Band Vsat Internet system with wifi connection whole accommodation
	: VoIP Crew Phone
	: TVRO Satellite TV system - ASTRO on board

VESSEL VOLTAGES

System	: 440 VAC @ 60 Hz - 3 phase (Normal)
	: 110 VAC @ 60 Hz - 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	: 440 m of 34 mm diameter, GR2, Chain Cable
Mooring	: 4 x 160 m of Polypropylene rope, BS - 48 Tonnes
	: 1 x Hydraulic Windlass with Two Cable Drums and Two Warring Drums
	: 2 x Hydraulic Capstan SWL 3T

LIFE SAVING EQUIPMENT

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

SAPURAKENCANA ALLIED MARINE SDN BHD

(Formerly known as AME Marine Services Sch Bhd)

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