

## AHTS DP-1 - VOS APOLLO (3057)



GENERAL		COMMUNICATIONS EQUIPMENT	
Place of Build	Fujian South East Shipyard, China	HF Radio	Furuno RC-1500-1T 400W
Vessel Type	AHTS	VHF Radio	2 x Furuno
Year Built	2011	Portable VHF Radio's	3 x Furuno
Flag	Gibraltar	Satellite Communications (Voice and Fax)	Furuno SAT C
Call Sign	9V8667	E.P.I.R.B	McMurdo 406
Class	RINA	GMDSS Compliance	Area A3
Class Notation	C* tug; supply vessel, anchor handling, rescue (X, Y), special service, multipurpose ship, fire-fighting ship – 1 – water-spraying unrestricted navigation, 1446, efficient ship DYNAPOS AM - SPS		
PRINCIPAL DIMENSIONS		NAVIGATION EQUIPMENT	
Length Overall	59.25 m	Radar No. 1	Furuno X-band (21" screen)
Beam	14.95 m	Radar No. 2	Furuno X-band (15" screen)
Maximum Draft	4.95 m	GPS	GP 150
Net Registered Tonnage	503 t	Echo Sounder	Furuno FE 702
Gross Registered Tonnage	1678 t	Navtex	NX 700
		Auto Pilot	Nautopilot NP 60
		Gyro Compass	Anschutz STD 22
		DP System	Kongsberg
		Reference System 1	DGPS 110
		Reference System 2	DGPS 112
MACHINERY & PROPULSION		DECK MACHINERY	
Main Propulsion Number	2	Tugger Winch	2 x 10 t @ 15 m/min
Main Propulsion Type	CAT 3516B Diesel	Capstan	2 x 5 t @ 15 m/min
Total BHP	5150	Deck Crane	1 x 3 t @ 9 m
Propellers	2 x CPP in Fixed Kort Nozzles		
Bow Thruster	1 x Kawasaki KT-72B3 - 515 kW		
Stern Thruster	1 x Kawasaki KT-55B3 - 390 kW		
Main Generators	2 x CAT C18 350 kW		
Shaft Generators	2 x Leroy Somer 800 kW		
Emergency Generators	1 x CAT 65 kW		
Rudders	Standard		
PERFORMANCES		TOWING & ANCHOR HANDLING	
Fuel consumption @ 12 Knots	About 11.5 MT per day	Bollard Pull	65.3 t
Fuel consumption @ 10 Knots	About 8 MT per day	Winch	Pilmsoll Waterfall Type
Fuel consumption @ 8 Knots	About 6 MT per day	Line Pull	150 t
Fuel consumption in port	About 0.5 MT per day	Brake Capacity	200 t
Fuel consumption in DP mode	About 6 MT per day	Anchor Handling Wire and Towing Wire	100 m and 1000 m x 56 mm
Fuel Type	ISO 8217: 2005 DMA - Marine diesel oil	Anchor Handling Wire Capacity	100 m x 56 mm
		Tow Drum Capacity	1000 m x 56 mm
		Spare Tow Wire Capacity	1000 m x 56 mm
		Stern Roller	4.0 m x 1.6 m - SWL 200 t
		Tow Pins	2 x Closed Top Type SWL 200 t
		Shark Jaws	Shark Jaws - SWL 200 t
CARGO CAPABILITIES		LIFE SAVING APPARATUS	
Fresh Water	304 m <sup>3</sup> @ 100 m <sup>3</sup> per hr at 75 m head	Life rafts	Total : 6 = capacity 150 men
Drill Water	253 m <sup>3</sup> @ 100 m <sup>3</sup> per hr at 75 m head	Rescue Boat	25 HP OBM, capacity 6 men
Fuel Capacity (100%)	527 m <sup>3</sup> @ 150 m <sup>3</sup> per hr at 75 m head		
Liquid Mud	378 m <sup>3</sup> @ 70 m <sup>3</sup> per hr		
Dry Bulk	4 x 1650 cu ft each, total 6,600 cu ft 186.88m <sup>3</sup> @ 13m <sup>3</sup> per '		
Dead Weight	1360 t		
Clear Deck Area	350 m <sup>2</sup>		
Deck Cargo	500 t		
ACCOMMODATION		EXTERNAL FIRE FIGHTING	
Crew	13	Capacity	FIFI 1 - 2400 cu m per hr
Special personnel seats	47	Monitor	2 x 1200 cu m per hr
Special personnel bunks	24	Throw x Height	120 m x 50 m
Hospital	yes		

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