

# AHTS 60M DP-1 - VOS TRITON (3071)



GENERAL		COMMUNICATIONS EQUIPMENT	
Place of Build	Fujian South East Shipyard, China	HF Radio	Furuno RC-1800T
Vessel Type	AHTS	VHF Radio	2 x Furuno FM-8800S
Year Built	2011	Portable VHF Radio's	3 x McMurdo R2 Handheld
Flag	Gibraltar	Satellite Communications (Voice and Fax)	Furuno SAT C
Call Sign	9V8734	E.P.I.R.B	McMurdo SMARTFIND E5
Class	RINA	GMDSS Compliance	Area A3
Class notation	Tug, supply vessel-anchor handling; special service-multi purpose ship; oil recovery ship, fire fighting ship - 1- water spraying; unrestricted navigation; DYNAPOS DP1; Efficient Ship 14.5, 1411, LSF 0.1		
PRINCIPAL DIMENSIONS		NAVIGATION EQUIPMENT	
Length Overall	59.25 m	Radar No. 1	X-Band Furuno FAR-2117
Beam	14.95 m	Radar No. 2	X-Band Furuno FR-1510 MARK-3
Maximum Draft	4.95 m	GPS	GP 150
Net Registered Tonnage	503 t	Echo Sounder	Furuno FE 700
Gross Registered Tonnage	1678 t	Navtex	NX 700
		Auto Pilot	Nautopilot NP 60
		Gyro Compass	Anschutz STD 22
		DP System	Marine Tech
		Reference System 1	DGPS C-NAV 3050
		Reference System 2	DGPS C-NAV 3050
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-55B3-390 kW-6 t thrust		
Main Generators	3 x 350 kW diesel driven		
Emergency Generators	1 x 65 kW diesel		
Rudders	Standard		
PERFORMANCES		TOWING & ANCHOR HANDLING	
Fuel consumption @ 12 Knots	About 11.5 MT per day	Bollard Pull	69.9 t
Fuel consumption @ 10 Knots	About 8 MT per day	Winch	Mentrade 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 - 56 mm
Fuel Type	ISO 8217: 2005 DMA - Marine diesel oil	Anchor Handling Wire Capacity	150 m x 56 mm
		Tow Drum Capacity	1000 m x 56 mm
		Spare Tow Wire Capacity	1000 m x 56 mm
		Stern Roller	4.4 m x 1.6 m - SWL 200 t
		Tow Pins	2 x Closed Top Type - 200 t SWL
		Shark Jaws	1 set of Karmfork - 200 t SWL
CARGO CAPABILITIES		LIFE SAVING APPARATUS	
Fresh Water	300 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 75m head	Rescue Boat	25 HP OBM, capacity 6 men
Fuel Capacity (100%)	540 m <sup>3</sup> @ 150 m <sup>3</sup> per hr at 75 m head		
Liquid Mud	413 m <sup>3</sup> @ 70 m <sup>3</sup> per hr		
Dry Bulk	4 x 1650 cu ft each, total 6,600 cu ft		
Dead Weight	1400 t		
Clear Deck Area	350 m <sup>2</sup>		
Deck Cargo	500 t		
Deck Loading	7.5 t/m <sup>2</sup>		
ACCOMMODATION		EXTERNAL FIRE FIGHTING	
Crew	12	Capacity	FIFI 1 - 2400 cu m per hr
Passengers	12	Monitor	2 x 1200 cu m per hr
		Throw x Height	120 m x 50 m

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