



AHTS Oil Recovery DP-1 - VOS ATHOS (3074)



GENERAL		CARGO CAPABILITIES	
IMO	9609756	Fresh Water (100%)	207 m ³ @ 100 m ³ /hr at 75 m head
Call Sign	ZDNE8	Drill Water(100%)	253 m ³ @ 100 m ³ /hr at 75 m head
Place of Build	Fujian South East Shipyard, China	Fuel Capacity (100%)	1087 m ³ @ 150 m ³ per hr at 75 m head
Flag	Gibraltar	Dry Bulk	4 x 1650 ft ² each, total 6,600 ft ²
Port of registry	Gibraltar	Deck Cargo	500 t
Vessel Type	AHTS	Deck Loading	7.5 um ²
Year Built	2012		
Class	RINA		
Tug, supply vessel; anchor handling; fire-fighting ship - 1 - water spraying; oil recovery ship;unrestricted navigation; SPS			
MAIN DIMENSIONS		COMMUNICATIONS EQUIPMENT	
Length Overall	59.25 m	HF Radio	Furuno FS-2571 C
Beam	14.95 m	VHF Radio	2 x Furuno FM-8800S
Maximum Draft	4.95 m	Portable VHF Radio's	3 x McMurdo R2 Handheld
Net Registered Tonnage	503 t	Satellite Communications (Voice and Fax)	VSAT / IRIDIUM
Gross Registered Tonnage	1678 t	E.P.I.R.B	McMurdo SMARTFIND E5
Deadweight	1313.84 t	GMDSS Compliance	A1+A2+A3
MACHINERY & PROPULSION		NAVIGATION EQUIPMENT	
Main Propulsion output	2 x 1920 kW / 5150 BHP	Radar No. 1	S-Band Furuno RCU-014
Main Propulsion Type	CAT 3516B Diesel	Radar No. 2	X-Band Furuno RCU-014
Propellers	2 x CPP in Fixed Kort Nozzles	Echo Sounder	Furuno FE 700
Bow Thruster	1 x 515 kW - 8 t thrust	Navtex	NX 700
Main Generators	2 x CAT C18 350 kW	Gyro Compass	Anschutz STD 22X2
Shaft Generator	2 x Leroy Somer 800kW	Auto Pilot	Nauplot NP 60
Emergency Generators	1 x CAT C4.4 65 kW	GPS	GP 150
Stern Thruster	1 x 390 kW/6 t	DP System	Marine Tech
		Reference System 1	DGPS DPS 110
		Reference System 2	DGPS DPS 112
PERFORMANCES		DECK MACHINERY	
Fuel consumption @ 12 Knots	About 11.5 MT per day	Tugger Winch	2 x 10 t @ 15 m/min
Fuel consumption @ 10 Knots	About 8 MT per day	Capstan	2 x 5 t @ 15 m/min
Fuel consumption @ 8 Knots	About 6 MT per day	Deck Crane	1 x 3 t @ 9 m
Fuel consumption in port	About 0.5 MT per day		
Fuel consumption in DP mode	About 6 MT per day		
Fuel Type	ISO 8217: 2005 DMA - Marine diesel oil	TOWING & ANCHOR HANDLING	
ACCOMMODATION		Bollard Pull	69.2 t
Special Personnel seats	47	Winch	MG-AHTW/FW-150/200
Crew	13	Line Pull	150 t
Special Personnel bunks	28	Brake Capacity	200 t
Hospital	yes	Anchor Handling Wire and Towing Wire	150 m x 56 mm/1000 m - 56mm
		Anchor Handling Wire Capacity	1000 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
OTHER EQUIPMENTS		LIFE SAVING APPARATUS	
Anti-pollution equipment-spray booms	yes	Life rafts	Total: 6 = capacity 150 man
Oil Recovery tanks	yes	Rescue Boat	15 HP OBM, capacity 6 man
EXTERNAL FIRE FIGHTING			
Capacity	FIFI 1 - 2 x 1200 cu m per hr		
Monitor	2		
Throw x Height	120 m x 50 m		



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