

AHTS 60M Oil Recovery DP-1 - VOS ATHOS (3074)



GENERAL

IMO	9609756
Call Sign	ZDNE8
Place of Build	Fujian South East Shipyard, China
Flag	Gibraltar
Port of registry	Gibraltar
Vessel Type	AHTS
Year Built	2012
Class	RINA

Tug; supply vessel; anchor handling fire-fighting ship - 1 - water spraying; oil recovery ship;unrestricted navigation; SPS

MAIN DIMENSIONS

Length Overall	59.25 m
Beam	14.95 m
Maximum Draft	4.95 m
Net Registered Tonnage	503 t
Gross Registered Tonnage	1678 t
Deadweight	1313.84 t

MACHINERY & PROPULSION

Main Propulsion output	2 x 1920 kW / 5150 BHP
Main Propulsion Type	CAT 3516B Diesel
Propellers	2 x CPP in Fixed Kort Nozzles
Bow Thruster	1 x 515 kW - 8 t thrust
Main Generators	2 x CAT C18 350 kW
Emergency Generators	1 x CAT C4.4 65 kW
Stern Thruster	1 x 390 kW/6 t

PERFORMANCES

Fuel consumption @ 12 Knots	About 11.5 MT per day
Fuel consumption @ 10 Knots	About 8 MT per day
Fuel consumption @ 8 Knots	About 6 MT per day
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

ACCOMMODATION

Crew	13
Special personnel	27
Hospital	yes

OTHER EQUIPMENTS

Anti-pollution equipment-spray booms	yes
Oil Recovery tanks	yes
H125 Work Boat Launching Appliance - SWL 12.5 t - Main Power Supply 440 V / 60 Hz 3 Phase - could be installed in case of need	

EXTERNAL FIRE FIGHTING

Capacity	FIFI 1 - 2 x 1200 cu m per hr
Monitor	2
Throw x Height	120 m x 50 m

CARGO CAPABILITIES

Fresh Water (100%)	369 m ³ @ 100 m ³ /hr at 75 m head
Drill Water(100%)	400 m ³ @ 100 m ³ /hr at 75 m head
Fuel Capacity (100%)	911 m ³ @ 150 m ³ per hr at 75 m head
Dry Bulk	4 x 1650 ft ³ each, total 6,600 ft ³
Clear Deck Area	28 m x 12.5 m = 350 m ²
Deck Cargo	500 t
Deck Loading	7.5 t/m ²

COMMUNICATIONS EQUIPMENT

HF Radio	Furuno FS-2571C
VHF Radio	2 x Furuno FM-8800S
Portable VHF Radio's	3 x McMurdo R2 Handheld
Satellite Communications (Voice and Fax)	VSAT / IRIIDIUM
E.P.I.R.B	McMurdo SMARTFIND E5
GMDSS Compliance	A1+A2+A3

NAVIGATION EQUIPMENT

Radar No. 1	S-Band Furuno RCU-014
Radar No. 2	X-Band Furuno RCU-014
Echo Sounder	Furuno FE 700
Navtex	NX 700
Gyro Compass	Anschutz STD 22X2
Auto Pilot	Nautopilot NP 60
GPS	GP 150
DP System	Marine Tech
Reference System 1	DGPS DPS 110
Reference System 2	DGPS DPS 112

DECK MACHINERY

Tugger Winch	2 x 10 t @ 15 m/min
Capstan	2 x 5 t @ 15 m/min
Deck Crane	1 x 3 t @ 9 m

TOWING & ANCHOR HANDLING

Bollard Pull	69.2 t
Winch	MG-AHTW/FW-150/200
Line Pull	150 t
Brake Capacity	200 t
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 Kamfork - 200 t SWL

LIFE SAVING APPARATUS

Life rafts	Total: 6 = capacity 150 man
Rescue Boat	15 HP OBM, capacity 6 man

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