

AHTS 60M OIL RECOVERY- VOS HESTIA (3053)



GENERAL	
IMO	9529061
Call Sign	ICCD
Place of Build	Fujian South East Shipyard, China
Flag	Italy
Port of registry	Ancona
Vessel Type	AHTS
Year Built	2009
Class	RINA
Class notation	ug: Supply Vessel; Anchor Handling Fire-Fighting Ship - 1 - water spraying; Oil Recovery Ship; unrestricted navigation - SPS 50 Efficient Ship 14.5, 1411, LSF 0.1, REMOTE

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 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 390 kW - 8 t thruster
Main Generators	3 x CAT C18 350 kW
Emergency Generators	1 x CAT C4.4 65 kW

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 Type	ISO 8217: 2005 DMA or later revisions

ACCOMMODATION	
Crew	13
Passengers	23
Total bunks	36
Daily Passenger	37
Hospital	yes

OTHER EQUIPMENTS	
Anti-pollution equipment, spray booms	yes
Oil Recovery	yes

EXTERNAL FIRE FIGHTING	
Capacity	FIF1 1 - 2 x 1200 cu m per hr
Monitor	2
Throw x Height	120 m x 50 m

CARGO CAPABILITIES	
Fresh Water	372,13 m ³ @ 125 m ³ /hr at 75 m head
Drill Water	253 m ³ @ 100 m ³ /hr at 75 m head
Fuel Capacity (100%)	536,64 m ³ @ 150 m ³ per hr at 75 m head
Liquid Mud	419,42 m ³ @ 70 m ³ per hr
Dry Bulk	4 x 1650 cu ft each, total 6,600 cu ft
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	2 x McMurdo R2 Handheld + 1 Sailor SP3540
Satellite Communications (Voice and Fax)	VSAT/ IRIIDIUM
E.P.I.R.B	Kannad Marine 406
GMDSS Compliance	A1+A2+A3

NAVIGATION EQUIPMENT	
Radar No. 1	X-Band Furuno RDP-119
Radar No. 2	X-Band Furuno RCU-014
Echo Sounder	Furuno FE 700
Navtex	NX 700
Gyro Compass	Anschutz STD 22
Auto Pilot	Nautopilot NP 60
GPS	Furuno GP 150

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

TOWING & ANCHOR HANDLING	
Bollard Pull	68.4 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 - 56 mm
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

LIFE SAVING APPARATUS	
Life rafts	Total 14 : capacity 525 men
Rescue Boat	1 x FRC - 15 Pax launched by 1 x Davit

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