



VOS HESTIA

Anchor-handling tug supply vessel

Oil recovery

Vessel number 3053

GENERAL

Flag	Italy
Port of registry	Ancona
Place built	Fujian South East Shipyard, China
Year built	2009
Class	RINA
Class notation	Tug; 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
IMO	9529061
Call sign	ICCD
Vessel type	Anchor-Handling Tug Supply vessel

PRINCIPAL DIMENSIONS

Length overall (LOA)	59.25 m
Beam	14.95 m
Maximum draft	4.95 m
Net registered tonnage	503 t
Gross registered tonnage	1,678 t
Deadweight	1,313 t

MACHINERY & PROPULSION

Main propulsion output	2 x 1,920 kW / 5,150 BHP
Main propulsion type	CAT 3516B diesel
Propellers	2 x CPP in fixed kort nozzles
Bow thruster	390 kW - 8 t thruster
Main generator	3 x CAT C18 350 kW
Emergency generator	CAT C4.4 65 kW

PERFORMANCES

Fuel consumption at 12 knots	Abt 11.5 mt/day
Fuel consumption at 10 knots	Abt 8 mt/day
Fuel consumption at 8 knots	Abt 6 mt/day
Fuel consumption in port	Abt 0.5 mt/day
Fuel type	ISO 8217: 2005 DMA or later revisions

ACCOMMODATION

Crew	13
Special personnel	37
Total bunks including crew	36
Hospital	Yes

OTHER EQUIPMENT

Anti-pollution equipment, spray booms	Yes
Oil recovery	Yes

EXTERNAL FIRE FIGHTING

Capacity	FIFI 1 - 2 x 1,200 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 75m head
Drill water	253 m ³ @ 100 m ³ /hr at 75m head
Fuel capacity (100%)	536.64 m ³ @ 150 m ³ /hr at 75m head
Liquid mud	419.42 m ³ @ 70 m ³ /hr
Dry bulk	186.88 m ³ @ 13 m ³ /hr (4 x 1650 cu ft each)
Clear deck area	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	2 x McMurdo R2 + 1 x Sailor SP3540
Satellite communications	VSAT/ Iridium (voice and fax)
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

Tuggers	2 x 10 t @ 15m/min
Capstans	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/1,000 m - 56 mm
Anchor handling wire capacity	1,000 m x 56 mm
Tow drum capacity	1,000 m x 56 mm
Spare tow wire capacity	1,000 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 EQUIPMENT

Life rafts	Total 14: capacity 525 men
Rescue boat	1 x FRC - 15 men, launched by 1 x Davit

30/01/2023

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