



BOS HESTIA

5,150 BHP | 70 t BP | AHTS

Class Notation: tug, supply vessel - anchor handling; oil recovery ship - flash point > 60° C; fire-fighting ship - 1 - water-spraying

Main Particulars

Specification	Details
Flag	Tuvalu
IMO	9529061
Built	2009
Length Overall	59.25 m
Beam Overall	14.95 m
Depth	6.10 m
Loaded Draft	4.95 m
Gross Tonnage	1,678 t
Net Tonnage	503 t
Deadweight	1,313 t

Machinery & Propulsion

Component	Details
Main Engines	2 x 1,920 kW (5,150 BHP)
Main Generators	3 x CAT C18 350 kW
Propulsion	2 x CPP in fixed Kort nozzles
Bow Thruster	1 x 400 kW – 8 t thrust

Deck & Anchor Handling Equipment

Component	Details
Winch	MG-AHTW / FW-150 / 200
Stall Pull	150 t
Brake Holding	200 t
Tow Drum Capacity	1,000 m x 56 mm wire
Anchor-handling Drum	1,000 m x 56 mm wire
Tugger Winches	2 x 10 t @ 15 m / min
Capstans	2 x 5 t @ 15 m / min
Shark Jaws	1 set Karm Fork – SWL 200 t
Tow Pins	2 x closed-top – SWL 200 t
Stern Roller	4.4 m x 1.6 m – SWL 200 t

Accommodation

Accommodation	Details
Crew	13
Passengers	23
Total Bunks	36

Documentation & Registration

Documentation	Details
Callsign	T2DM6
Official Number	4332
MMSI Number	572755220

Performance and Fuel Consumption

Performance	Speed	Fuel Consumption
Maximum	12.0 kn	11.5 t/day
Economical	8.0 kn	6.0 t/day

Tank Capacities & Discharge Rates

Tank	Capacity	Discharge Rate
Fuel Oil	537 m ³	150 m ³ /hr at 75 m head
Potable Water	372 m ³	100 m ³ /hr at 75 m head
Drill Water	253 m ³	100 m ³ /hr at 75 m head
Liquid Mud	419 m ³	75 m ³ /hr
Brine	419 m ³	75 m ³ /hr
Recovered Oil	419 m ³	-
Dry Bulk Tank	4 x 1,650 ft ³	-

Cargo Deck

Cargo Deck	Details
Clear Deck Area	350 m ²
Deck Dimensions	28.0 m x 12.5 m
Deck Strength	7.5 t/m ²
Deck Capacity	500 t

Tow / Anchor Handling Wires

Wire	Details
Main Tow Wire	1000 m x 56 mm
Spare Tow Wire	1000 m x 56 mm
Anchor Handling Wire	150 m x 56 mm

Special Equipment

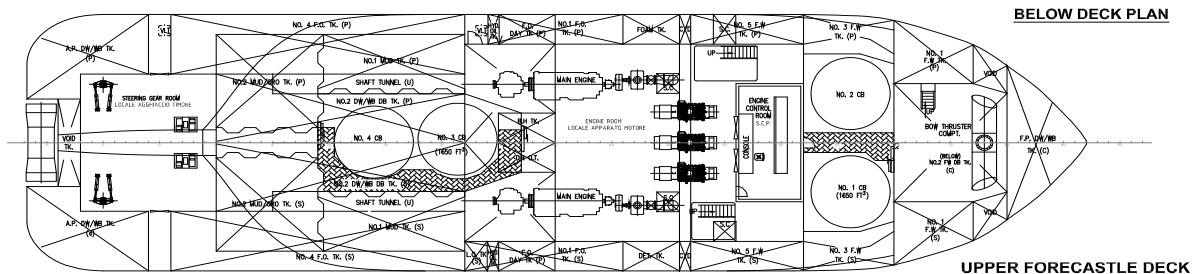
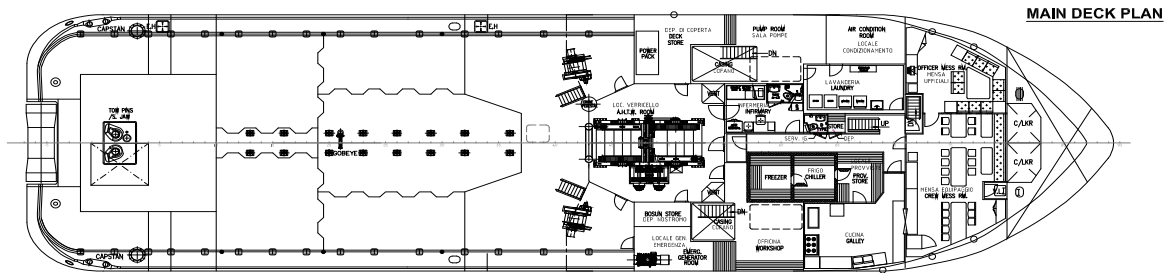
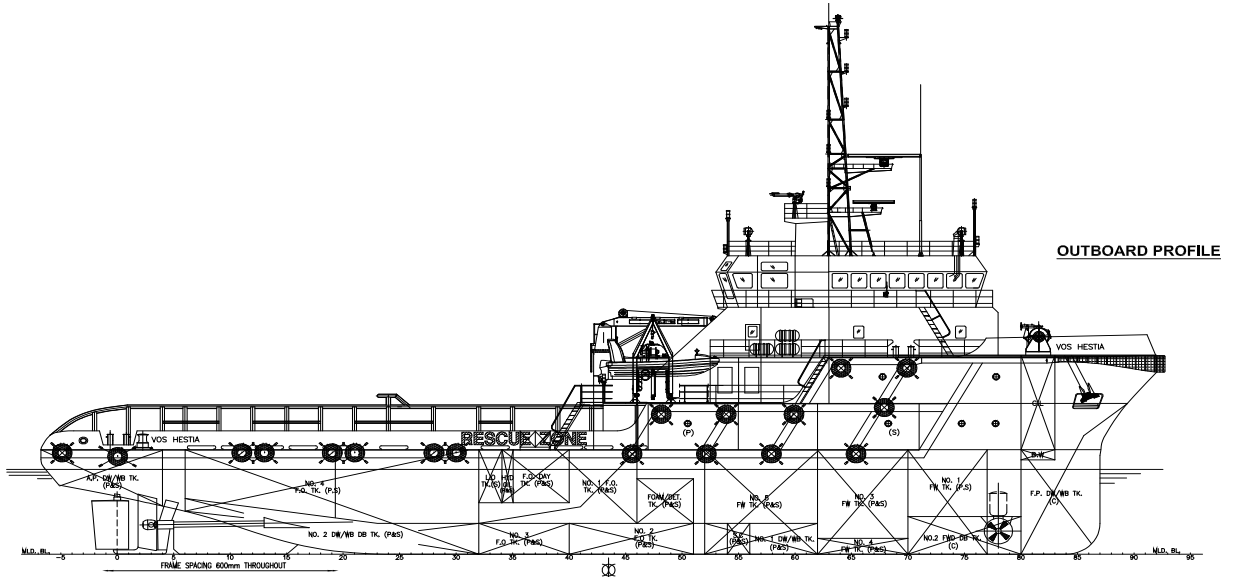
Equipment	Details
Fire Fighting	Fifi 1
Fifi Pumps	2 x 1200 m ³ /hr
Fifi Monitors	2
Monitor Throw	120 m horizontal x 50 m vertical
Spray Boom	Yes
Deck Crane	1 x 3 t @ 9 m

Rescue & Safety

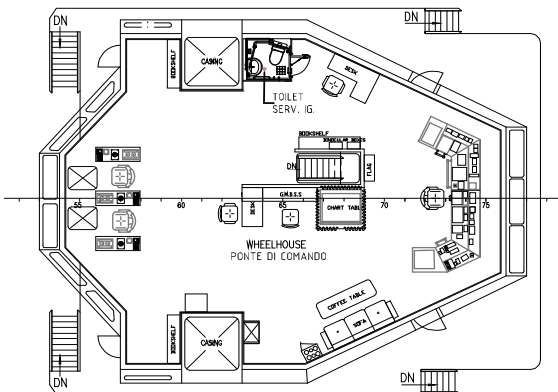
Equipment	Details
Rescue Boat	1 x FRC (15-person), single-davit launch

BOS HESTIA

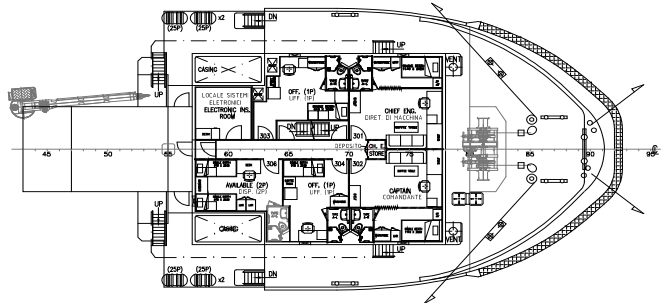
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BRIDGE DECK PLAN



UPPER FORECASTLE DECK



FORECASTLE DECK

