



# INSPECTION, REPAIR & MAINTENANCE VESSEL 2510

## UTILITY VESSEL 2510

### GENERAL

Projectnumber	IRM 2510
Basic functions	Maintenance support
Classification	Lloyd's register or equivalent ✱100A1 [✱] LMC, UMS

### DIMENSIONS

Length overall	25.7 m
Beam moulded	10.0 m
Depth moulded	3.5 m
Draught design	2.6 m
Deadweight	150 t
Work deck area	120 m <sup>2</sup>
Deck load (1m above deck)	90 t

### TANK CAPACITIES

Fuel oil	30 m <sup>3</sup>
Fresh water	15 m <sup>3</sup>
Sewage	5.5 m <sup>3</sup>
Bilge water	2 m <sup>3</sup>
Ballast water	TBD m <sup>3</sup>
Cargo hold	80 m <sup>3</sup>

### PERFORMANCES (APPROX.)

Speed (at design draught)	9.5 kn
Bollard pull	13.4 ton

### PROPULSION SYSTEM

Main engines	2x Volvo D13 MH
Total propulsion power	736 kW (1000 bhp) @ 1800 rpm
Gearboxes	2x Reverse reduction, ratio 4.5:1
Propellers	2x 1350 mm FPP in nozzle
Bow thruster	1x 100 kW, FPP, electric
Rudders	2x Fishtail rudders, interconnected

### AUXILIARY EQUIPMENT

Networks	230/440 V @ 60 Hz, 230 V @ 50 Hz
Generator sets	2x Volvo D9 MG. 312 kVA
Cooling system	Fresh water through box cooling
Hydraulic system	Deck equipment is driven by HPU

### DECK LAY-OUT

Anchors	1x High holding power
Anchor mooring system	1x with 165 anchor rope, electric
Capstans	2x 5 ton, electric driven
Stern Roller	500 mm diameter

### ACCOMMODATION

A ventilated and heated accommodation for 6 persons is fitted. The accommodation includes 4 cabins, a wheelhouse, galley, mess room, deck office and a drying locker. The large wheelhouse offers a seating area, chart table and navigation consoles.

### NAUTICAL AND COMMUNICATION EQUIPMENT

External communication	2x VHF, SSB, Navtex, AIS
Internal communication	Intercom
Nautical systems	X-band radar, ECS, DGPS, echo-sounder

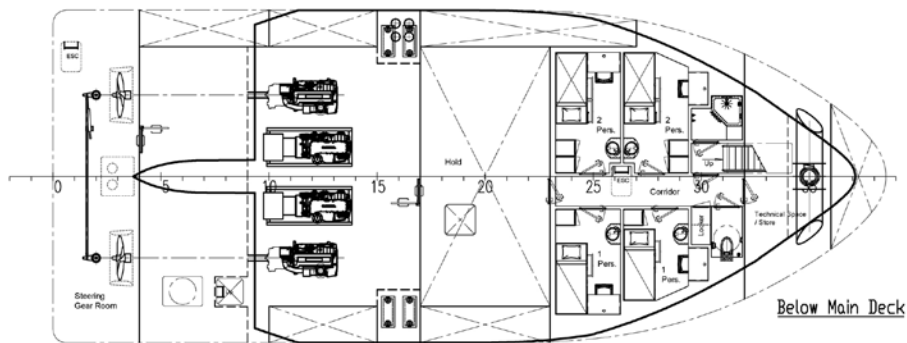
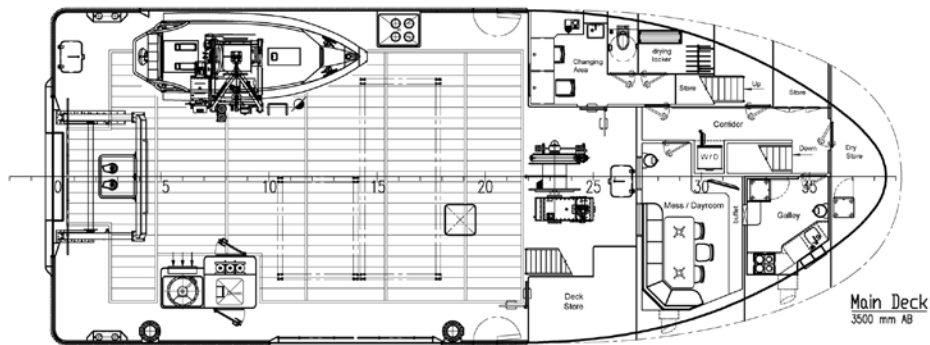
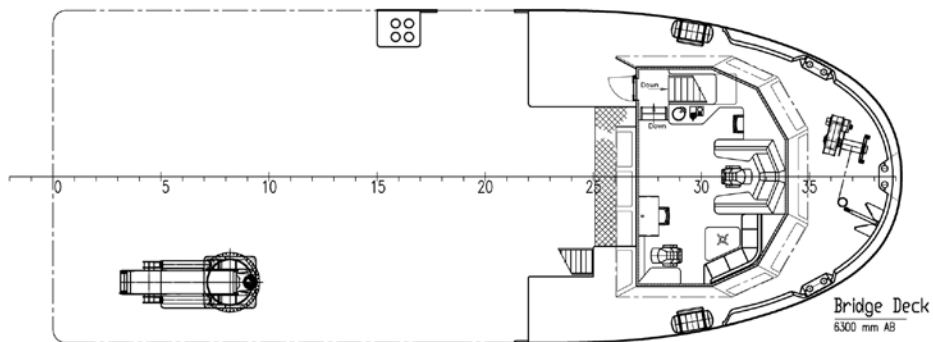
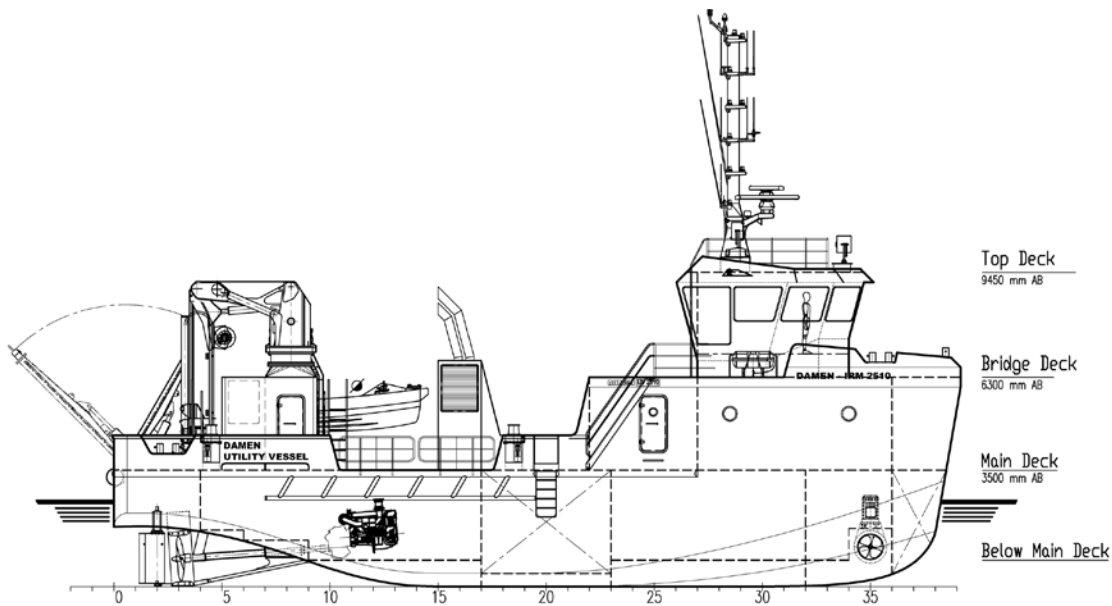
### IRM EQUIPMENT

Deck crane aft	1x Foldable knuckle boom 3.52 ton @ 20.00 m fitted
A-Frame	6 ton
Towing winch	15 ton @ 15 m/min pull and 45 ton brake on first layer. Drum capacity 500 m x 32 mm diameter. SWL 25 ton
Towing pins	
Wooden Deck	
Workboat	Workboat + Davit

All data presented is preliminary and is subject to change without prior notice. Artist impression and general arrangement plan show optional equipment. Options may impact performances. Other options are available upon request.

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