



UTILITY VESSEL 2613

CONCEPT

PICTURE OF SIMILAR VESSEL

GENERAL

Project number	STD
Basic functions	Buoy laying, container cargo transportation, maintenance support, dive and ROV support.
Classification	Bureau Veritas or equivalent
Flag	T.B.D.

DIMENSIONS

Length overall	25.9 m
Beam moulded	12.8 m
Depth moulded	3.7 m
Design draught (hull)	2.7 m
Deadweight (@ design draught)	200 t
Cargo deck area	120 m ²
Deck loading	5 t/m ²

CAPACITIES

Fuel oil	50 m ³
Fresh water	25 m ³
Sewage	4.0 m ³
Bilge	2.0 m ³
Cargo hold	195 m ³

PERFORMANCES

Speed	8.2 kn
Bollard pull	15.0 t

PROPULSION SYSTEM

Main engines	2x Caterpillar C18/A
Total power	2x 894 bkW (1200 bhp) @ 1800 rpm
Azimuth thruster	2x Veth VZ550
Propeller diameter	2x 1250 mm FP in nozzle
Bow thruster	Ø 880 mm, FPP, electric

ELECTRICAL SYSTEM

Networks	440/230 V @ 60 Hz
Main generator set	2x Caterpillar C7.1 150 ekW @ 60 Hz
Extra alternators	2x 300 ekW @ 60 Hz each driven by C18/A when propulsion shaft is un-clutched.

DECK LAY-OUT

Anchors	2x HHP anchors
Capstans	2x 5t, electric with foot controls
Deck crane aft	1x HS Marine AK 30 0.93 t @ 15.01 m
Deck crane forward	1x HS Marine AK 30 0.93 t @ 15.01 m

SECONDARY SHIP SYSTEMS

Cooling system	Fresh water through keel coolers
Hydraulic system	Each crane has a dedicated HPU electrically driven
Sanitary system	Vacuum system with sewage treatment plant

ACCOMMODATION

A ventilated and heated day accommodation for 6 people is fitted. The accommodation includes 6 single cabins with private sanitary spaces, drying locker, galley, wet and dry mess rooms, changing room, TV lounge and a wheelhouse. The wheelhouse offers an off watch seating area, chart tables and navigation consoles.

NAUTICAL AND COMMUNICATION EQUIPMENT

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

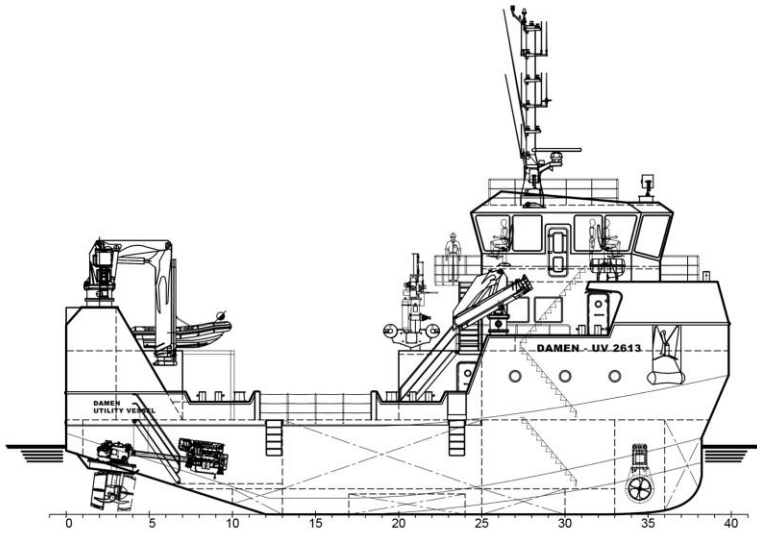
OPTIONS

Moonpool	Available upon request
Propulsion	Total power up to 1790 kW @ 1800 rpm for speed up to 10 kn
Main generator set	Alternatives are possible upon request
Multiple mooring	Available upon request
Deck cranes	Alternatives are possible upon request
A-Frame	Available upon request
Towing winch	Available upon request
Towing pins	Available upon request
Stern roller	Available upon request
Workboat	Available upon request
Positioning system	Available upon request

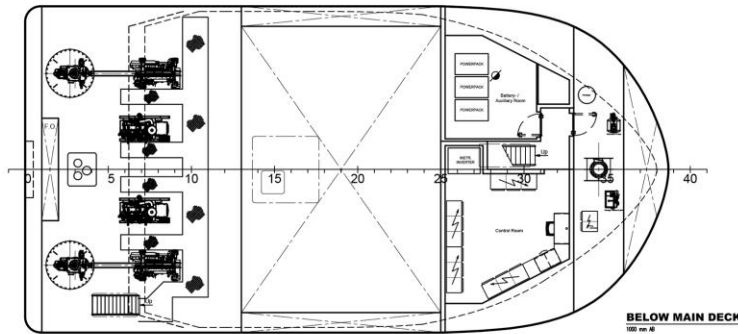
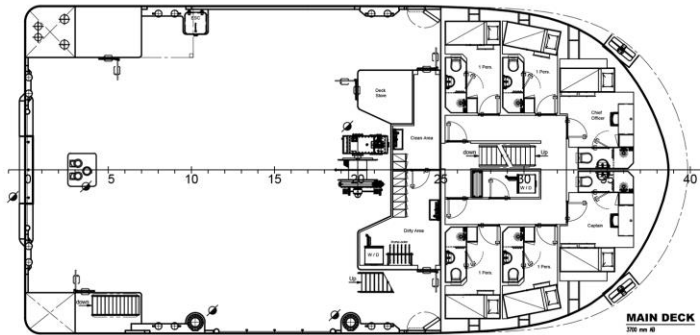
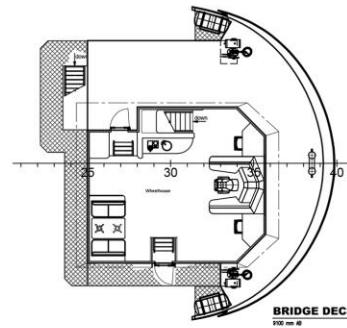
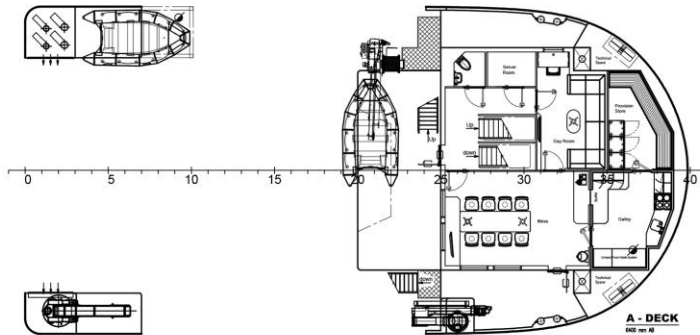
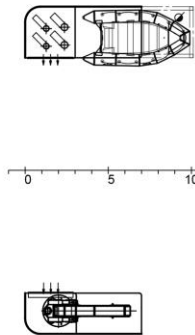
All data presented is preliminary and subject to change without prior notice. Artist impression and general arrangement plan may show optional equipment. Options may impact performances. Other options are available upon request.

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CONCEPT



- TOP DECK**
1200 mm #
- BRIDGE DECK**
9100 mm #
- A - DECK**
600 mm #
- MAIN DECK**
200 mm #
- BELOW MAIN DECK**
100 mm #



ITEMS MARKED  ARE OPTIONAL EQUIPMENT



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