



AQUACULTURE SUPPORT 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 kW @ 60 Hz |
| Extra alternators | 2x 300 kW @ 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 |

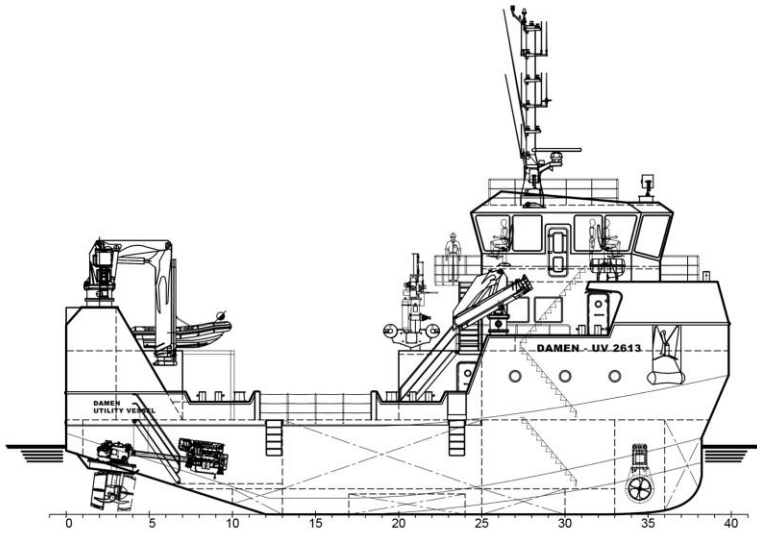
OPTIONS

| | |
|--------------------|--|
| 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 |

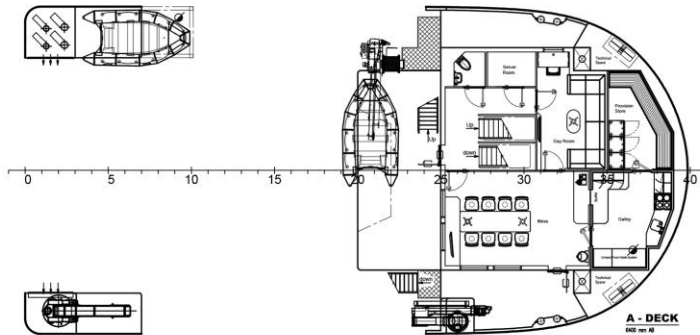
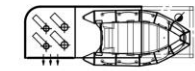
All data presented is preliminary and subject to change without prior notice. Artist impression and general arrangement plan may show optional equipment. Options may impact performances. Other options are available upon request.

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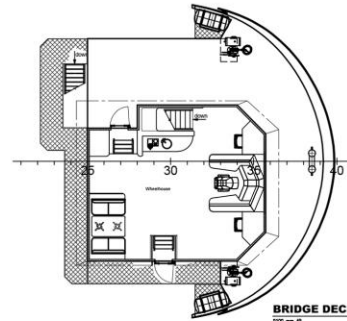
CONCEPT



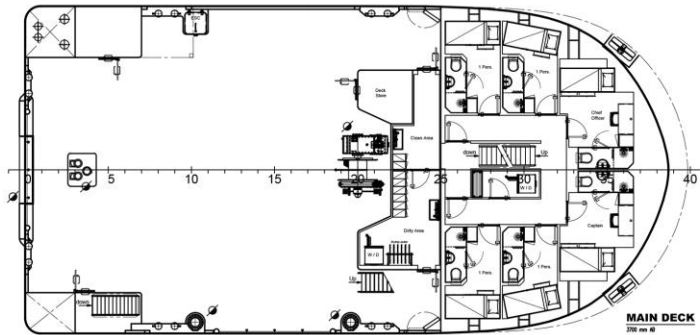
- TOP DECK**
1200 mm #8
- BRIDGE DECK**
900 mm #8
- A - DECK**
600 mm #8
- MAIN DECK**
300 mm #8
- BELOW MAIN DECK**
100 mm #8



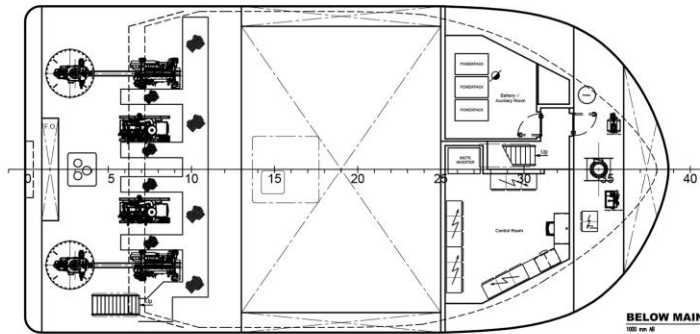
A - DECK
600 mm #8



BRIDGE DECK
900 mm #8



MAIN DECK
300 mm #8



BELOW MAIN DECK
100 mm #8

ITEMS MARKED  ARE OPTIONAL EQUIPMENT



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