



DAMEN OIL SPILL RESPONSE VESSEL 6213

GENERAL

FUNCTIONS
CLASSIFICATION

Oil spill response vessel
Det Norske Veritas or equivalent
✱1A1 E0 OILREC ICE-1C DPS-0
Firefighting capability Clean BWM-E
VCS-2

DIMENSIONS

| | |
|----------------|--------------------|
| LENGTH O.A. | 61.80 m |
| BEAM MLD. | 13.00 m |
| DEPTH AT SIDES | 6.60 m |
| DRAUGHT DESIGN | 4.80 m |
| DEADWEIGHT | 790 ton |
| WORK DECK AREA | 260 m ² |

TANK CAPACITIES

| | |
|-----------------|----------------------|
| FUEL OIL | 250.0 m ³ |
| FRESH WATER | 150.0 m ³ |
| BALLAST WATER | TBD |
| LUBRICATION OIL | 4.0 m ³ |
| DIRTY OIL | 4.0 m ³ |
| DIRTY SEWAGE | 15.0 m ³ |
| CLEAN SEWAGE | 15.0 m ³ |
| BILGEWATER | 27.0 m ³ |
| RECOVERED OIL | 600.0 m ³ |

PERFORMANCES (APPROX.)

| | |
|---------------------------|----------|
| SPEED (AT DESIGN DRAUGHT) | 15.0 kn |
| BOLLARD PULL | 60.0 ton |
| ENDURANCE (AT 80% MCR) | 10 days |

PROPULSION SYSTEM

| | |
|------------------------|-------------------------|
| TOTAL PROPULSION POWER | 4900 kW at 1200 rpm |
| AZIMUTH THRUSTERS | 2x FPP in nozzle |
| PROPELLER DIAMETER | 2600 mm |
| BOW THRUSTER | 1x Electric, 350 kW, FP |

AUXILIARY EQUIPMENT

| | |
|---------------------|------------------------------------|
| NETWORKS | 230/440/690 V, 60 Hz |
| GENERATOR SETS | 3x Caterpillar 3516C, 2813 kVA |
| HARBOUR GENERATOR | 1x Caterpillar C18 Acert, 425 kVA |
| EMERGENCY GENERATOR | 1x Caterpillar C4.4 Acert, 124 kVA |
| COOLING SYSTEM | Fresh water through box cooling |

DECK LAY-OUT

ANCHORS
ANCHOR WINCH
DECK CRANE

WORKBOAT

FIRE FIGHTING EQUIPMENT

2x High Holding Power
1x Electric with 2 warping heads
1x Electric, explosion proof, 90 tm, 1x electric, 25 tm
2x 9.49m aluminum, 10 knots, with davit
600 m³/h monitor

OIL SPILL RESPONSE EQUIPMENT

| | |
|-----------------|--|
| OIL SPILL RADAR | Detecting oil spill patches at 1-4 nautical miles. |
| INFRARED CAMERA | Integrated in oil spill radar |
| STEAM GENERATOR | For cleaning purposes |
| TANK HEATING | Steam lance |
| OFFLOADING PUMP | 115 m ³ pending on viscosity |
| GRAB BUCKET | 3 m ³ |

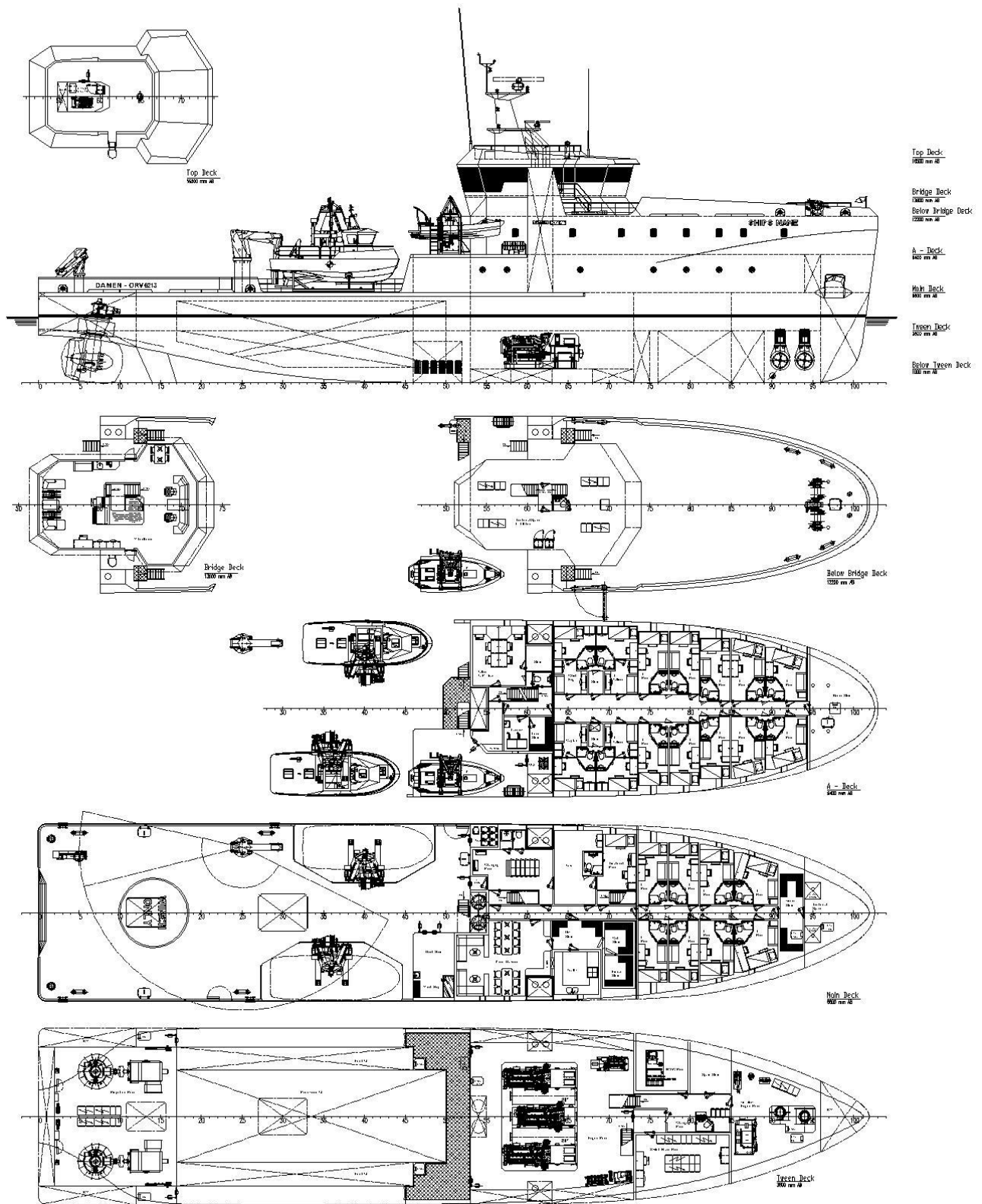
ACCOMMODATION

A spacious heated and air-conditioned accommodation with 22 single cabins is fitted. Each cabin has ensuite sanitary facilities. The accommodation further includes a large wheelhouse, mess/ dayroom, galley, treatment room, changing room, Oil response team office, gym and various stores.

NAUTICAL AND COMMUNICATION EQUIPMENT

| | |
|------------------------|--|
| EXTERNAL COMMUNICATION | GMDSS A3, AIS |
| INTERNAL COMMUNICATION | Intercom, PA, internal telephone |
| NAUTICAL SYSTEMS | X-band radar, conning, autopilot, ECDIS, DGPS, gyro, echosounder |

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



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DAMEN
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