



DAMEN UTILITY VESSEL 6516

LIGHT SERVICE OPERATION VESSEL

GENERAL

FUNCTIONS

Multirole vessel to support offshore oil-gas-renewables operations
Bureau Veritas or equivalent
I ✳HULL ✳MACH Special Service/
Utility Vessel SP46 Unrestricted
Navigation AUT-UMS Dynapos
AM/AT-R Comf-Noise 1 Comf-VIB-1
Greenship IWS

CLASSIFICATION

DIMENSIONS

| | |
|-------------------|--------------------|
| LENGTH O.A. | 65.00 m |
| BEAM MLD. | 15.80 m |
| DEPTH AT SIDES | 7.40 m |
| DRAUGHT DESIGN | 4.50 m |
| DEADWEIGHT DESIGN | 900 ton |
| WORK DECK AREA | 450 m ² |
| CARGO HOLD | 170 m ² |

TANK CAPACITIES

| | |
|-----------------|----------------------|
| FUEL OIL | 599.0 m ³ |
| FRESH WATER | 280.0 m ³ |
| LUBRICATION OIL | 8.0 m ³ |
| DIRTY OIL | 8.0 m ³ |
| SEWAGE | 44.0 m ³ |
| SLUDGE | 4.0 m ³ |
| BILGEWATER | 9.0 m ³ |

PERFORMANCES (APPROX.)

| | |
|---------------------------|---------|
| SPEED (AT DESIGN DRAUGHT) | 12.5 kn |
|---------------------------|---------|

PROPULSION SYSTEM

| | |
|--------------------------|------------------|
| PROPULSION DRIVES | 2x 1500 ekW |
| AZIMUTH THRUSTERS | 2x FPP in nozzle |
| PROPELLER DIAMETER | 2000 mm |
| BOW THRUSTER | 1x 500 ekW, FPP |
| RETRACTABLE BOW THRUSTER | 1x 450 ekW, FPP |

AUXILIARY EQUIPMENT

NETWORKS

| | |
|---------------------|---------------------------------|
| GENERATOR SETS | 230/440 V, 60 Hz |
| GENERATOR SETS | 2x Caterpillar C3512C, 2400 kVA |
| EMERGENCY GENERATOR | 2x Caterpillar C32, 1333 kVA |
| COOLING SYSTEM | 1x Caterpillar C9, 313 kVA |
| | Fresh water through box cooling |

DECK LAY-OUT

ANCHORS

| | |
|----------------------|---|
| ANCHOR MOORING WINCH | 2x High Holding Power |
| CAPSTANS | 1x Electric with 2 warping heads |
| DECK CRANE | 2x Electric, each 5 t pull |
| | 1x knuckle-boom 2t @ 25 m, 25t @ 13 m with winch |
| A-FRAME | 25 t SWL 5.25 x 12.7 m (wxh) |
| FAST RESCUE CRAFT | 1x 6.1m rigid FRB, 22 knots, with davit |
| MOON POOL | 4.0 x 4.0 meter with bottom door |
| POSITIONING | 4 point mooring system. Each winch with 1000 m 32 mm wire and 3 t delta flipper anchor. |

ACCOMMODATION

A spacious heated and air-conditioned accommodation with 26 cabins is fitted, of which 16 are double cabins. All cabins have private sanitary facilities. The accommodation includes a large wheelhouse, treatment room, changing room, 2 mess rooms, 2 dayrooms, 3 offices, Dive/ROV control room, gym, laundry and various stores.

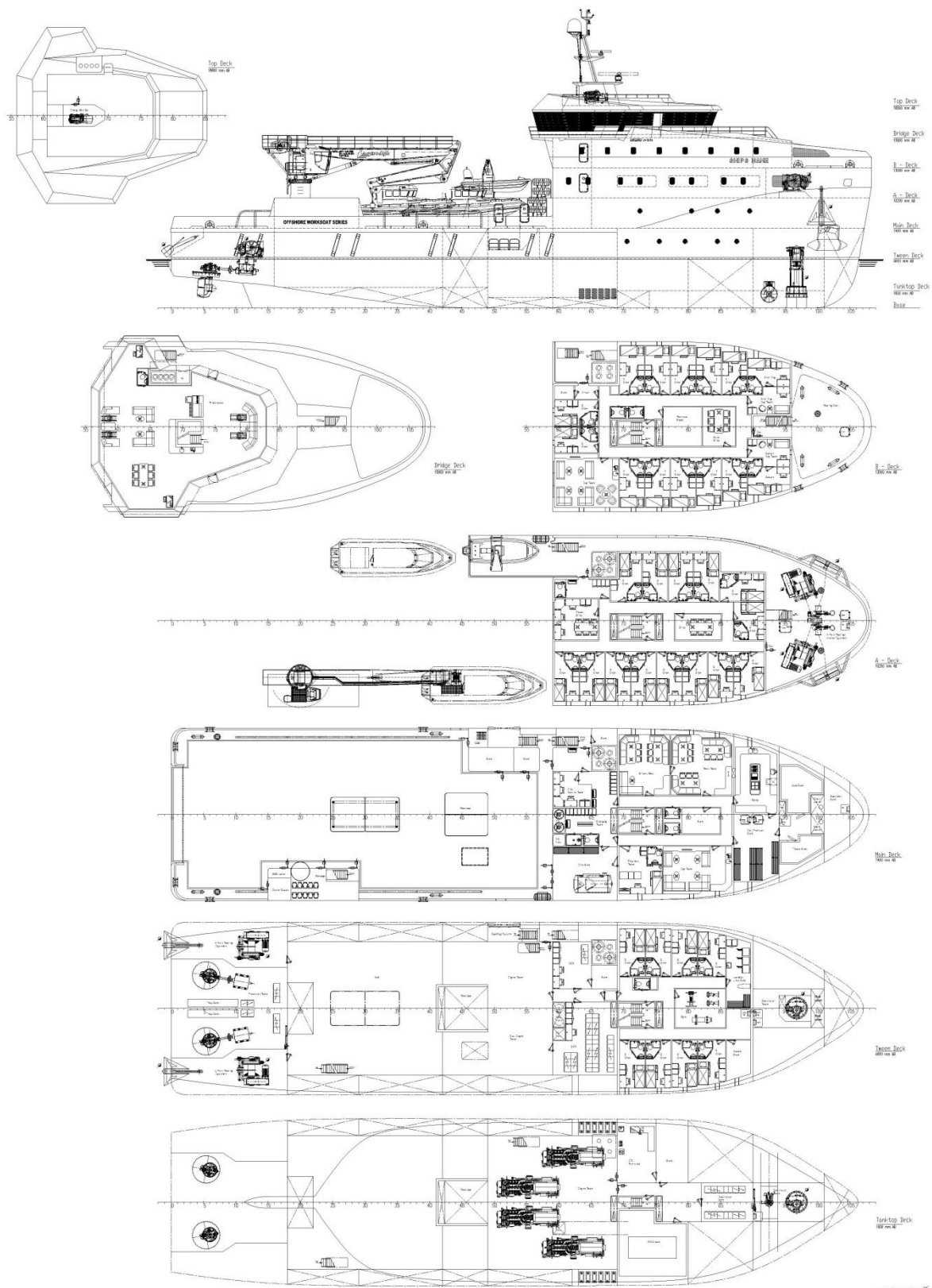
NAUTICAL AND COMMUNICATION EQUIPMENT

| | |
|------------------------|--|
| EXTERNAL COMMUNICATION | GMDSS A3, GSM system, AIS |
| INTERNAL COMMUNICATION | Intercom, PA, internal telephone system |
| NAUTICAL SYSTEMS | X- and S-band radar, autopilot, ECDIS, DGPS, gyro, echosounder |
| POSITIONING | DP-2 |
| INFOTAINMENT | Infotainment/office automation |

OPTIONAL EQUIPMENT

| | |
|---------------------|---------------------------------------|
| SECOND BOW THRUSTER | 1 x 500 ekW, FPP for ERN(99,99,99,65) |
| FIRE FIGHTING | Fifi 1 |

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



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DAMEN
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