



DAMEN UTILITY VESSEL 5514

GENERAL

FUNCTIONS

Multirole vessel to support offshore-, maintenance-, diving-, ROV-, survey-, buoylaying- and environmental response operations

CLASSIFICATION

Bureau Veritas or equivalent
I *HULL *MACH Special Service/
Utility Vessel SP32 Unrestricted
Navigation AUT-UMS

DIMENSIONS

LENGTH O.A.	54.91 m
BEAM MLD.	14.00 m
DEPTH AT SIDES	6.00 m
DRAUGHT DESIGN	4.30 m
DEADWEIGHT	850 ton
DECK LOAD (11 M ABOVE DECK)	200 ton
WORK DECK AREA	250 m ²
PROJECT DECK AREA	90 m ²
HOLD	55 m ²

TANK CAPACITIES

FUEL OIL	598.0 m ³
FRESH WATER	99.0 m ³
BALLAST WATER	203.0 m ³
LUBRICATION OIL	8.6 m ³
DIRTY OIL	4.8 m ³
SEWAGE	30.0 m ³
SLUDGE	8.5 m ³
BILGEWATER	8.5 m ³

PERFORMANCES (APPROX.)

SPEED (AT DESIGN DRAUGHT)	12.7 kn
SPEED (AT 3.30 M DRAUGHT)	14.1 kn
ENDURANCE (AT 80% MCR)	37 days

PROPULSION SYSTEM

MAIN ENGINES	2x Caterpillar 3512C TTA / B
TOTAL PROPULSION POWER	2348 bkW (3150 bhp) at 1600 rpm
AZIMUTH THRUSTERS	2x CPP in nozzle
PROPELLER DIAMETER	1900 mm
BOW THRUSTER	1x Electric, 485 kW, FP

AUXILIARY EQUIPMENT

NETWORKS

GENERATOR SETS
EMERGENCY/HARBOUR GENERATOR
COOLING SYSTEM

230/440 V, 60 Hz
2x Caterpillar C18 TA, 688 kVA
1x Caterpillar C9 TA, 204 kVA
Fresh water through box cooling

DECK LAY-OUT

ANCHORS

ANCHOR MOORING WINCH
CAPSTANS
DECK CRANE
FAST RESCUE CRAFT
PROJECT/DECK STORE
PROJECT OFFICE

2x High Holding Power
1x Electric with 2 warping heads
2x Electric, each 5 t pull
1x Electric-hydraulic, 120 tm.
1x 6.5m rigid FRC, 30 knots, with davit
1x 45 m²
1x 11 m² with view on project deck

ACCOMMODATION

A spacious heated and air-conditioned accommodation with 27 cabins is fitted, of which 20 are double cabins. Each cabin has ensuite sanitary facilities. The accommodation further includes a large wheelhouse, mess, 2 dayrooms, galley, treatment room, ship's office, gym and various stores.

NAUTICAL AND COMMUNICATION EQUIPMENT

EXTERNAL COMMUNICATION
INTERNAL COMMUNICATION
NAUTICAL SYSTEMS

GMDSS A3, AIS
Intercom, PA, internal telephone
X-band radar, autopilot, ECDIS, DGPS,
gyro, echosounder

OPTIONS

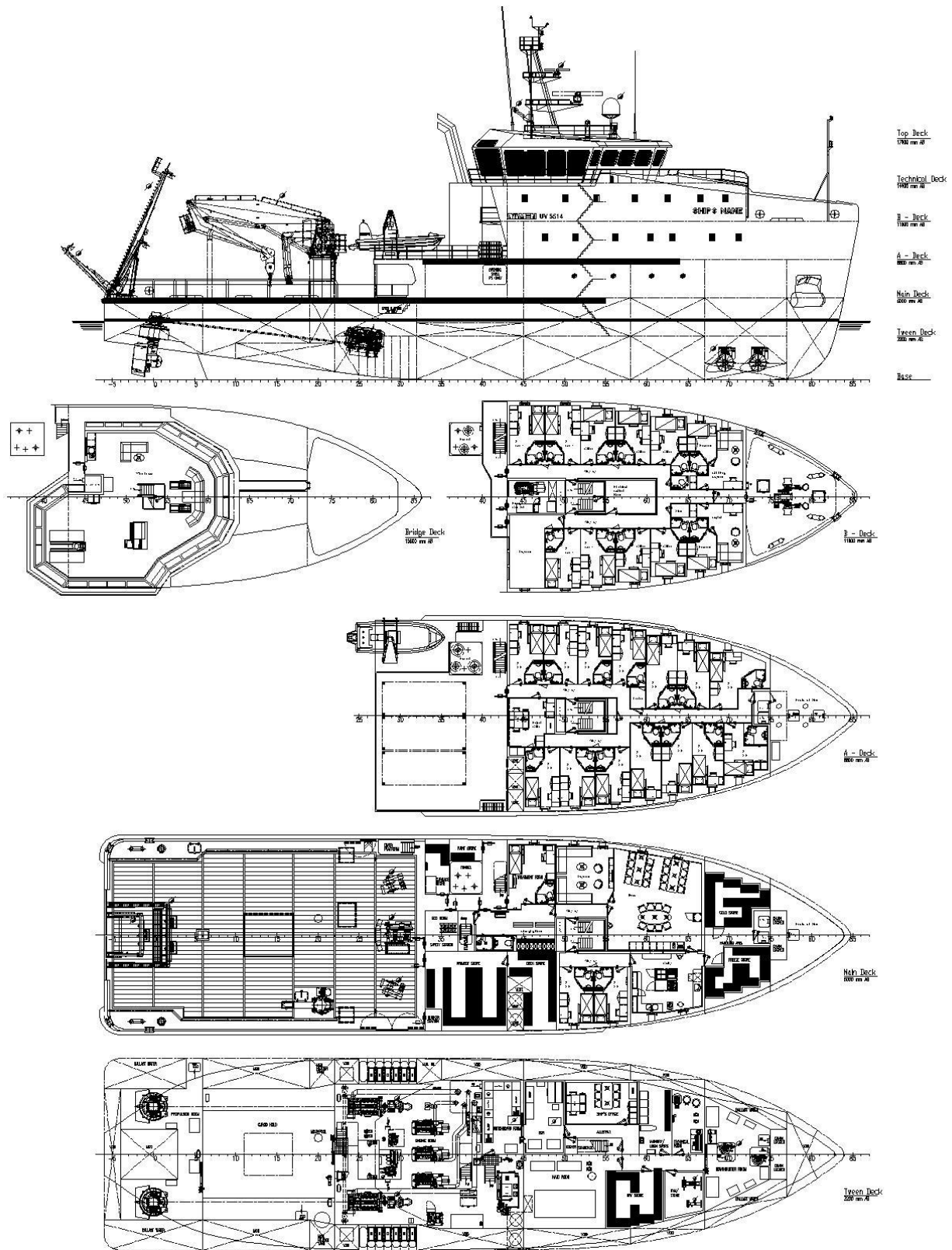
POSITIONING
PROPULSION

DP-0/1/2
2nd bow thruster, 400kW retractable
bow thruster, diesel electric main
drives
Towing winch, tugger winch
A-frame, alternative deck cranes up to
220 tm
Motion compensated gangway
FiFi-1
1x 600 mm diameter
Available upon request

TOWING
CRANES

TRANSFER SYSTEM
FIRE FIGHTING
MOONPOOL
OTHER OPTIONS

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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