



MULTI PURPOSE VESSEL 5413

GENERAL

Basic functions	Multi purpose
Classification	Germanischer Lloyd ✱100 A5, Survey Vessel, ✱MC, AUT

DIMENSIONS

Length overall	53.70 m
Length b.p.p.	49.20 m
Beam mld.	12.50 m
Depth mld. at half-length	6.10 m
Depth mld. aft	5.50 m
Draught summer (base)	3.00 m
Deadweight (summer)	450 t
Cargo deck area	205 m ²
Deck load (at 1 m above deck)	67 t

TANK CAPACITIES

Ballast water	170 m ³
Fuel oil (service)	305 m ³
Potable water (service)	115 m ³
Sewage	135 m ³

PERFORMANCES

Speed (at summer draught)	11.2 kn
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PROPULSION SYSTEM

Main engines	Diesel-Electric, 440 V - 60 Hz
Total Power	2x 400 ekW at 1500 rpm
Azimuth thrusters	2x 1400 mm, FPP in nozzle
Bow thruster	1x 200 ekW, 900 mm, FPP

AUXILIARY EQUIPMENT

Networks	440 V / 230 V - 60 Hz
Main generator sets	4x CAT C18, each 345 ekW @ 1800 rpm

DECK LAY-OUT

Anchor mooring winch	1x Electric-hydraulic, with 2 warping heads
Capstans	2x Electric, each 3 t pull
Deck crane	1x Knuckle-boom, 3.5 t @ 13.7 m (harbor)
Store crane	1x Knuckle-boom, 0.8 t @ 12.4 m (harbor)
Moon Pool	1x 1950x1200 mm

ACCOMMODATION

Crew/ special personnel	34 persons
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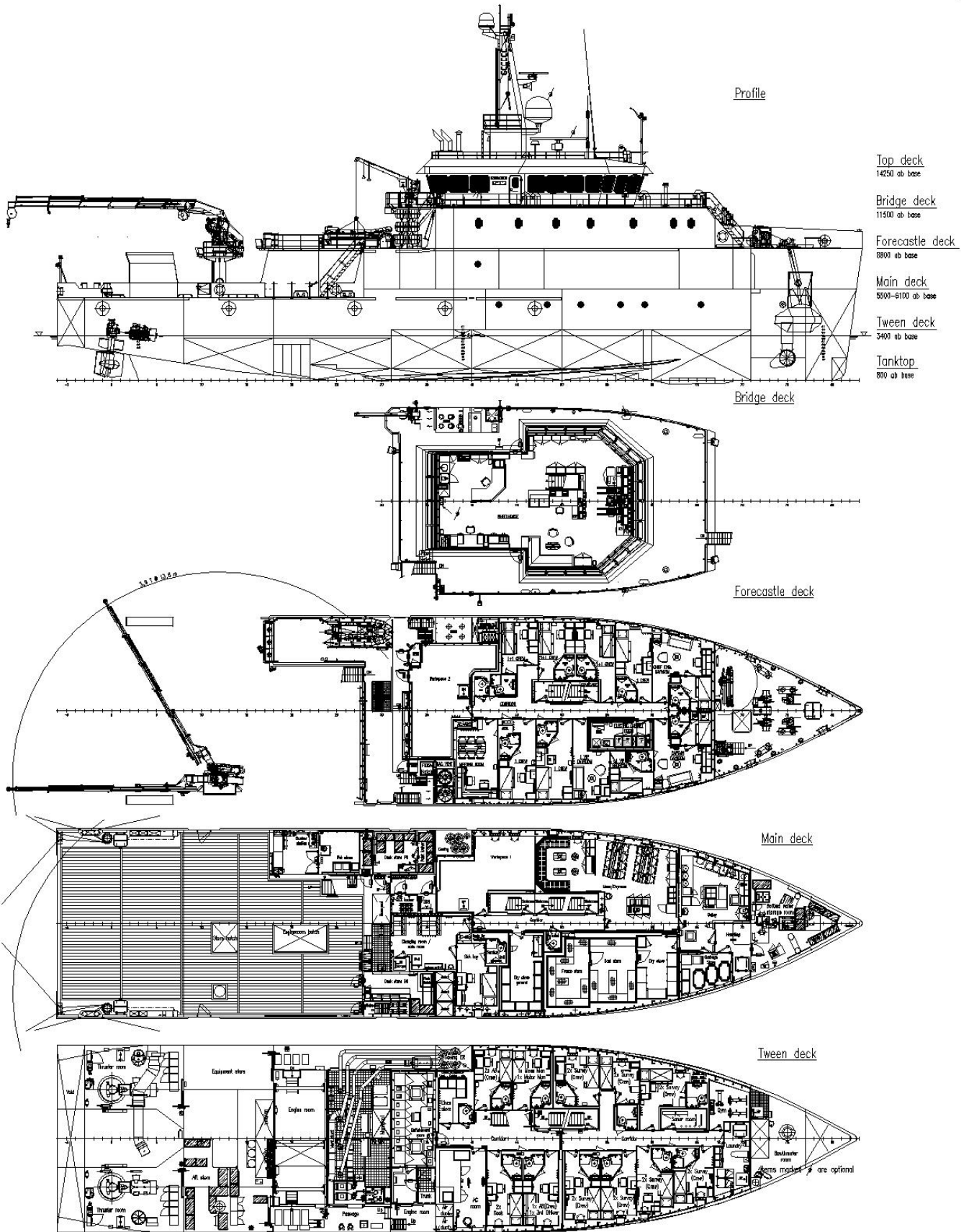
NAUTICAL AND COMMUNICATION EQUIPMENT

Radar system	1x X-band
GMDSS	Area A3

OPTIONS

DP-system	DP-0 or DP-1
Equipment	Gas detection system CCTV Remote tank sounding
Radar systems	1x X-band + S-band
Classification	IW notation (In Water survey) EP notation (incl. BWT unit)

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