



ESCAPE GEAR SHIP 8316

“BESANT”

GENERAL

Yard number	551018
Delivery date	August 2015
Basic functions	Escape Gear Ship - First Response capability to Support a disabled Submarine
Classification	Lloyd's Register *100 A1, Diving Support Ship, CG*IWS, ECO (BWT, GW, OW P), WDL (5t/m2 to fr 56) ≡ LMC UMS, DP(AA), PCR (81)(44), NAV1
Flag	Australia
Owner	Defence Maritime Services (DMS)

DIMENSIONS

Length overall	83.00 m
Beam overall	16.00 m
Depth at sides	7.20 m
Draught aft	4.25 m
Deadweight at 4.25m	800 t
Deck area	450 m ²

TANK CAPACITIES

Fuel oil	290 m ³
Fresh water	90 m ³
Water ballast	797 m ³

PERFORMANCES

Speed	15.9 kn
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PROPULSION SYSTEM

Main engines	2x Caterpillar 3516C-TA (B-rating)
Total Power	3840 kW (2575 bhp) at 1600 rpm
Gearboxes	2x Reintjes LAF 873L, red. 7.4526:1
Propellers	2x CPP, 2700 mm open propellers
Bow thruster	2x FPP, 600 kW, electrically driven
Stern thruster	1x FPP, 600 kW, electrically driven

AUXILIARY EQUIPMENT

Main generator sets	2x Caterpillar C32
Gen. sets for deck equipment	2x Caterpillar C32
Capacity	810 kVA @ 1800 rpm
Emergency generator sets	1x Caterpillar C9
Capacity	119 kVA @ 1800 rpm
Shaft generator	2x 1000 kVA

DECK LAY-OUT

Anchor/mooring winch	1x electrical driven with two mooring drums
Mooring winches	2x electrical driven 5 ton pull each
Deck crane (man riding)	6t @ 18 m (harbor) 3t @ 18 m (sea state 2-3) 3t man riding at sea state 2-3
Fast rescue crafts	2x 15 persons, speed 15 kn.
Life boats	2x 48 persons each

ACCOMMODATION

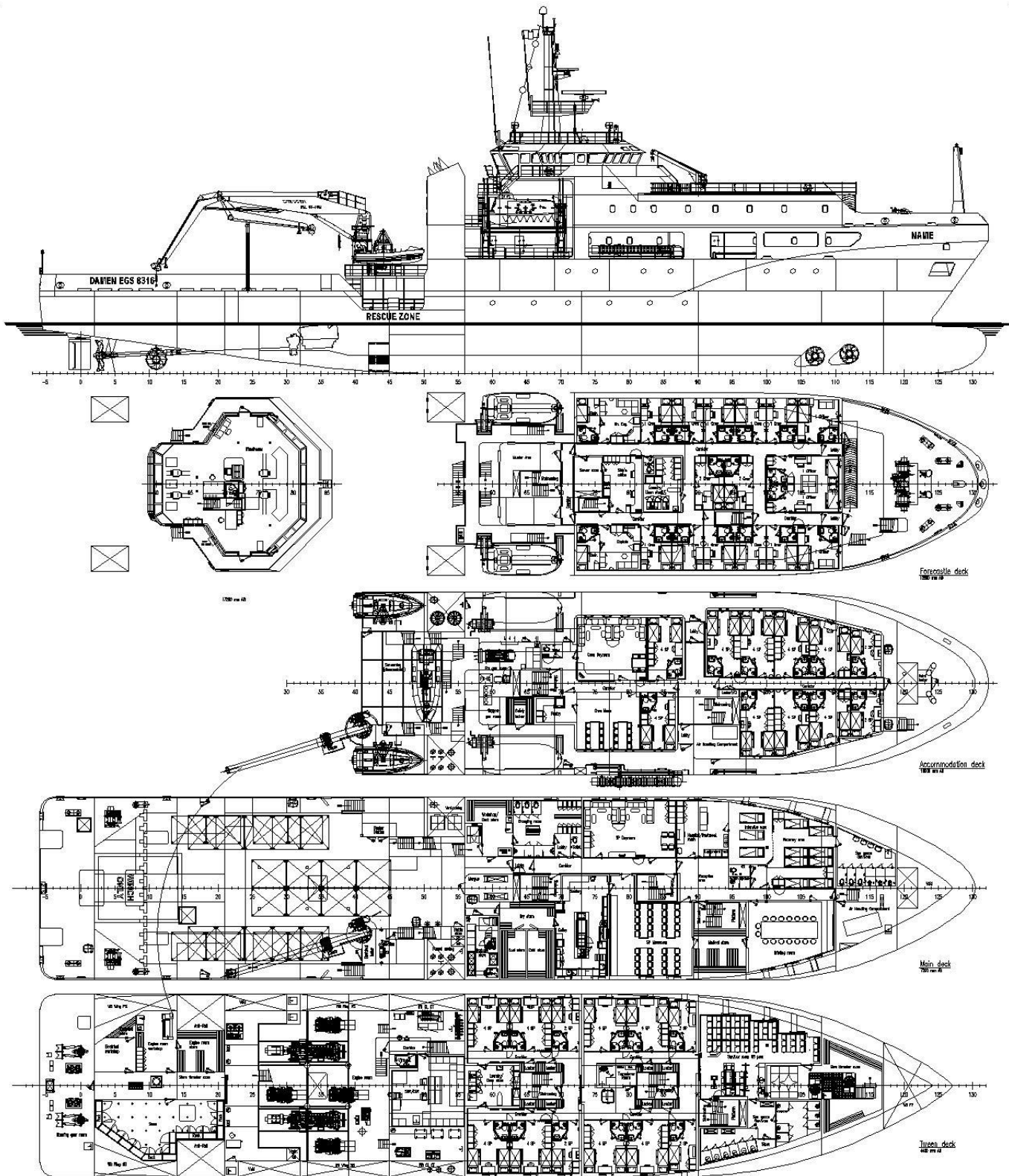
Fully air conditioned for a total of 100 persons all with ensuite or shared sanitary facilities, recreation rooms, mess rooms, offices, gymnasium, operations room, stores and work spaces.

NAUTICAL AND COMMUNICATION EQUIPMENT

Radio equipment to GMDSS rules for area A3, Integrated bridge, Radar Systems, ECDIS, DGPS, Voyage data recorder, CCTV system.

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DAMEN

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