



DAMEN ANCHOR HANDLING TUG SUPPLIER 75

GENERAL

Basic functions

Offshore supply, towing and anchor handling operations

Classification

■1A1, SF, EO, Offshore Service Vessel, SUPPLY, ANCHOR HANDLING TOWING, DPS-1

DIMENSIONS

Length o.a.	61.30 m
Length b.p.p.	54.50 m
Beam mld.	14.00 m
Depth mld.	6.00 m
Draught summer (base)	5.00 m
Deadweight (summer)	1400 t
Cargo deck area	350 m ²
Deck load (at 1 m above deck)	450 t

TANK CAPACITIES

Ballast water	280 m ³
Fuel oil	560 m ³
Potable water	400 m ³
Liquid Mud	280 m ³
Drill water	340 m ³
Dry Bulk	150 m ³

PERFORMANCES (APPROX.)

Speed (at summer draught)	12.5 kn
Bollard pull	75 t

PROPULSION SYSTEM

Main engines	2x 2200 bkW at 1800 rpm
Propellers	2x 2800 mm, CPP in optima nozzles
Bow thruster	1x 500 kW, 1300mm, FPP
Stern thruster	1x 500 kW, 1300mm, FPP

AUXILIARY EQUIPMENT

Networks	900 V DC, 440 V AC and 230 V AC
Generator sets	2x 400 ekW each at 1800 rpm, 440 V, 60 Hz
Shaft generators	2x 800 ekW each at variable speed
Emerg./ harbour generator set	1x 75 ekW at 1800 rpm, 440 V, 60 Hz

DECK LAY-OUT

AH/Towing winch	1x Hydraulic, double drum, 150 t pull, 180 t brake, 850 m of 52 mm wire
Towing pins	2x SWL, 100 t, hydraulic
Shark jaw	1x SWL, 250 t, hydraulic
Stern roller	1x SWL, 250 t, ø 1.5 m, 3.5 m length
Tugger winches	2x hydraulic, each 10 t pull
Capstans	2x electric-hydraulic, each 5 t pull

CARGO HANDLING SYSTEM

Ballast pumps	2x 100 m ³ /hr
Fuel oil pumps	2x 70 m ³ /hr
Fresh water pumps	2x 100 m ³ /hr
Liquid Mud pumps	2x 50 m ³ /hr
Liquid Mud system	Agitators, circulation system
Dry Bulk system	1x 50 t/hr

ACCOMMODATION

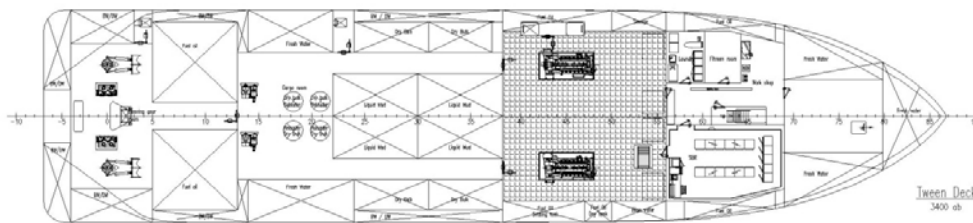
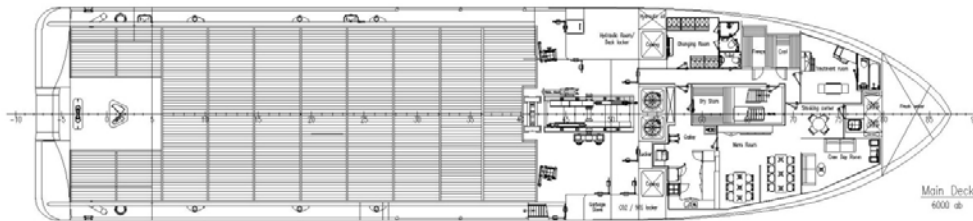
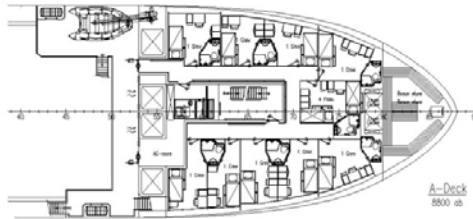
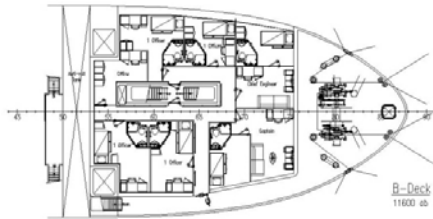
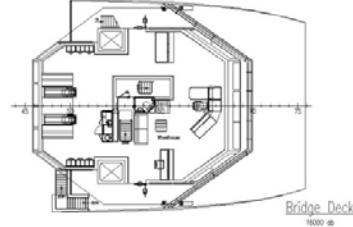
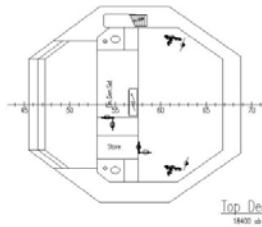
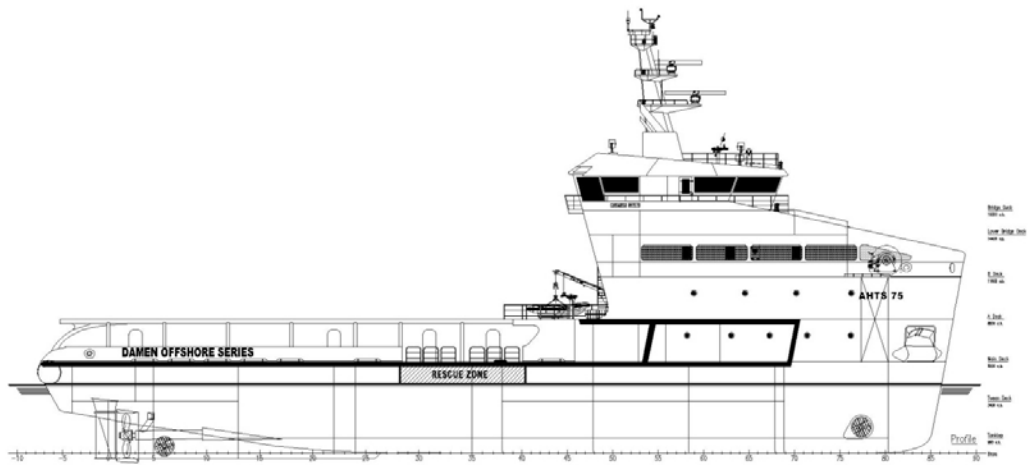
Crew	15 persons
Passengers	4 persons

NAUTICAL AND COMMUNICATION EQUIPMENT

Radar systems	1x X- band + S-band, Ecdis, Conning
DP - system	DP 1
GMDSS	Area A3

OPTIONS

Fire Fighting Ship 1
IMO DP Class 2



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DAMEN

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