

INDEPENDENT INNOVATIVE SOLUTIONS



OSD-IMT966 120T BOLLARD PULL AHTS

GENERAL INFORMATION

Vessel Type	AHTS
Class	ABS +A1, Towing Vessel, Offshore Support Vessel, E, +AMS, +ACCU
L.O.A	66.00 m
L.B.P	57.00 m
Beam	16.00 m
Depth	7.30 m
Summer Load Draft	6.18 m
Deadweight	2200 tonnes
Gross Tonnage	2780 tonnes
Net Tonnage	774 tonnes

CAPACITIES

Total Deck Area	415 m ² (5 t/m ² & 10 t/m ²)
Deck Cargo	850 t
Fuel Oil (Normal)	780 m ³ 1 x 100 m ³ /hr
Fuel Oil (Maximum)	1340 m ³
Potable Water	550 m ³ 1 x 150 m ³ /hr
Liquid Mud	465 m ³ 1 x 75 m ³ /hr
Brines	130 m ³ 1 x 75 m ³ /hr
Dry Bulk	284 m ³ (two grades)
DMA	600 m ³ 1 x 75 m ³ /hr
Drill/Ballast Water	800 m ³ 1 x 150 m ³ /hr

ACCOMMODATION

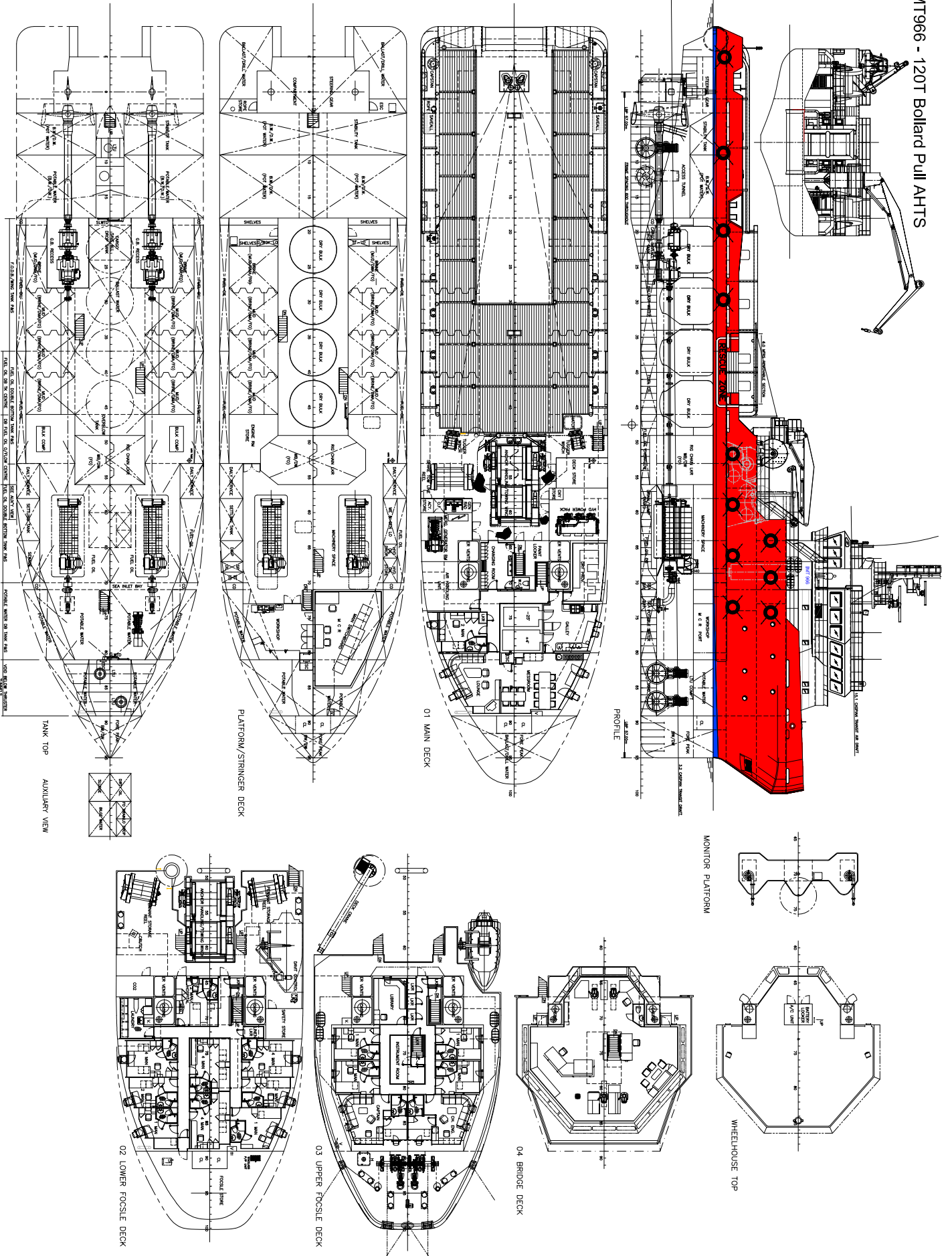
Complement	2 Normal, 30 Maximum
Cabins	6 single, 4 double & 4 four berth cabins
Accommodation	Ships office, Mess room, Recreation room

PROPULSION CONFIGURATION

Main engines	2x	3285 kW @ 800 rpm, two off 5.67:1 reduction gearboxes,
	2 x	3800 mm dia CPP/Nozzles
Alternators	2 x	1500 kW shaft alternators
	2 x	270 kW diesel alternators
Thrusters	2 x	600 kW bow tunnel CPP
	2 x	600 kW stern tunnel CPP
Rudders	2 x	independent flap type
Trial Speed	14.5	knots
Bollard Pull	123	tonnes
Maneuverability	DP2 & joystick	(3 positions)

EQUIPMENT

AHT Winch	250 t	two drum waterfall AHT winch, each drum 1800 mm x 1136 / 2800 mm dia, 1500 m of 76mm wire
Spare Tow Reel	1 x	20 t Pull, 1450 mm of 76 mm wire
Pennant Reels	2 x	20 t pull @ 0-20 m/min. each 1450 m of 76 mm wire
Tugger Winches	2 x	10 t pull @ 25 m/min
Capstan/Mooring	2 x	7.5 t 300 m of 18 mm wire
Windlass/Mooring	1 x	10 t pull @ 0-11 m/min, 2 x cable lifters, 2x warp heads,
Winches	2 x	mooring drums 200 m of 566 mm wire
Sundry Equipment	2 x	karm fork/towing pin units, stern roller 350 t SWL, gobeye & karm roller points, 200 t SWL
	FiFi	1 with drenching system



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