

# INDEPENDENT INNOVATIVE SOLUTIONS



## OSD-IMT957 63T BOLLARD PULL AHTS

### GENERAL INFORMATION

Vessel Type	AHTS
Class	ABS +A1, +AMS, ACCU
LOA	57.50 m
L.B.P	50.50 m
Beam	14.00 m
Depth	6.00 m
Summer Load Draft	5.11 m
Deadweight	1543 tonnes
Gross Tonnage	1329 tonnes
Net Tonnage	484 tonnes

### CAPACITIES

Total Deck Area	341 m <sup>2</sup> (5 t/m <sup>2</sup> )
Deck Cargo	500 tonnes
Fuel Oil	566 m <sup>3</sup> 1x 100 m <sup>3</sup> /hr
Potable Water	396 m <sup>3</sup> 1x 150 m <sup>3</sup> /hr
Liquid Mud	184 m <sup>3</sup> 1x 75 m <sup>3</sup> /hr
Brine	147 m <sup>3</sup> 1x 75 m <sup>3</sup> /hr
Ballast / DrillWater	370 m <sup>3</sup> 1x 150 m <sup>3</sup> /hr
Dry Bulk	284 m <sup>3</sup> (two grades)

### ACCOMMODATION

Complement	26 Maximum
Cabins	4x single, 7x double and 2x four berth cabins
Accommodation	Ships office / Wlibrary, Mess, Lounge, 2 berth hospital

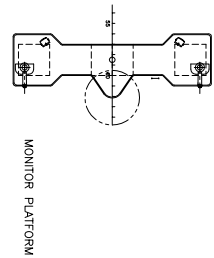
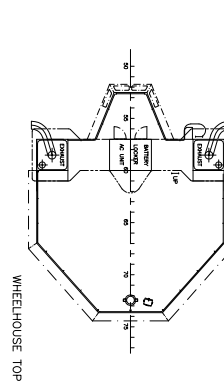
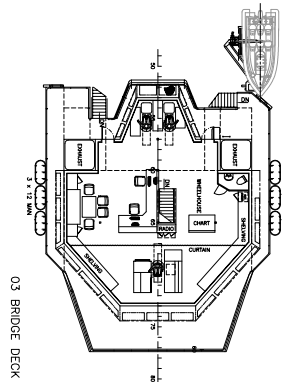
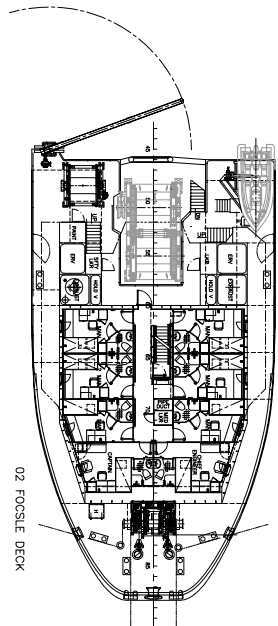
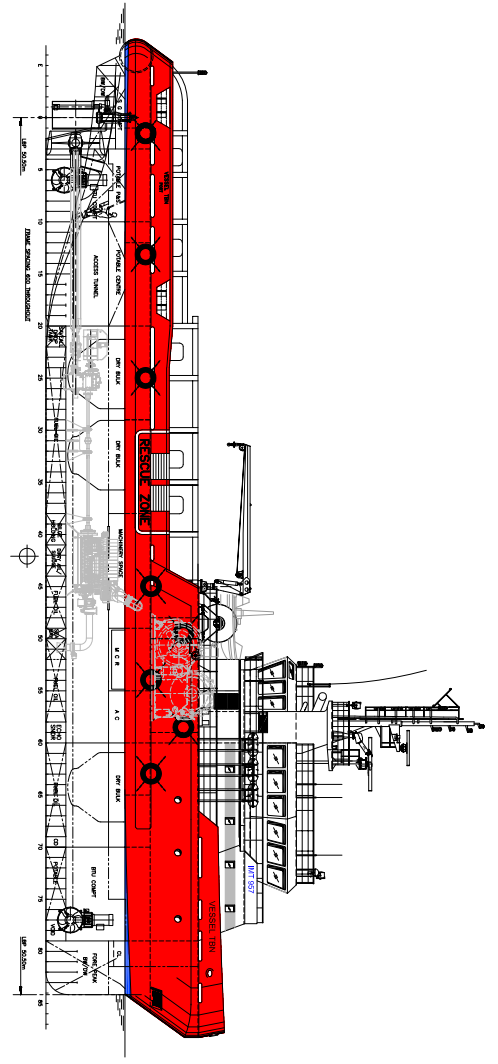
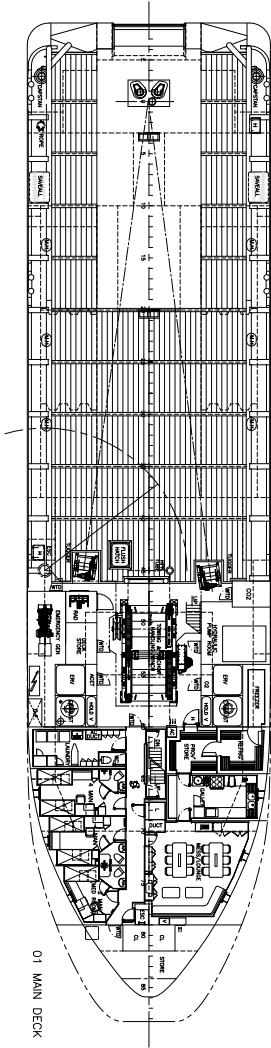
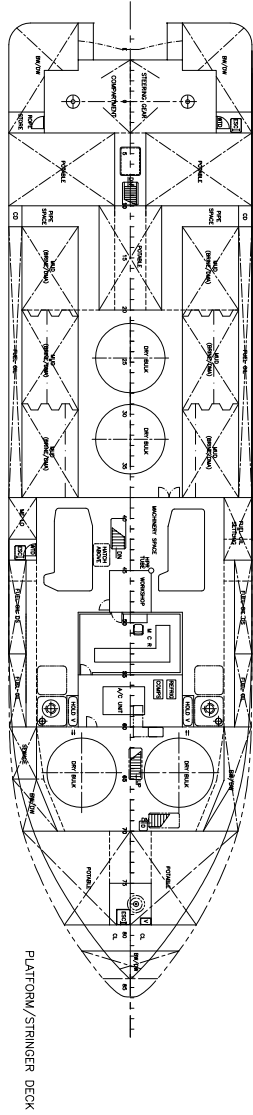
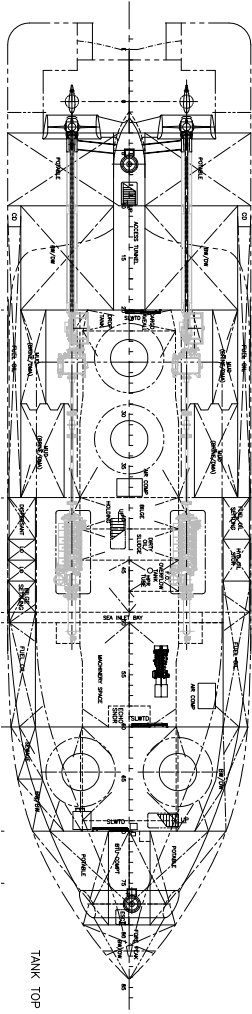
### PROPULSION CONFIGURATION

Main Engines	2x 2040 kW @ 800 rpm, two off reduction gearboxes, 2x CPP/Nozzles
Alternators	2x 1280 kW shaft alternators 2x 270 kW diesel alternators
Thrusters	2x 500 kW bow thruster 2x 500 kW stern thruster
Rudders	2x independent flap type
Trial Speed	14.5 knots
Bollard Pull	63 tonnes
Manouverability	DP1 & joystick (3 positions)

### EQUIPMENT

AHT Winch	250 t two drum waterfall AHT winch, each drum 150 to pull 1200 mm 64mm wire
Spare Tow Reel	1x 20 t Pull, 1200 mm of 64 mm wire
Tugger Winches	2x 10 t pull @ 25 m/min
Capstan/Mooring	2x 7.5 t 300 m of 18 mm wire
Windlass/Mooring	1x 10 t pull @ 0-11 m/min,
Winches	2x cable lifters, 2x warp heads, 2x mooring drums 200 m of 566 mm wire
Sundry Equipment	2x karm fork/towing pin units, stern roller 250 t SWL, gobeye & karm roller points, 200 t SWL
FiFi	FiFi 1

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