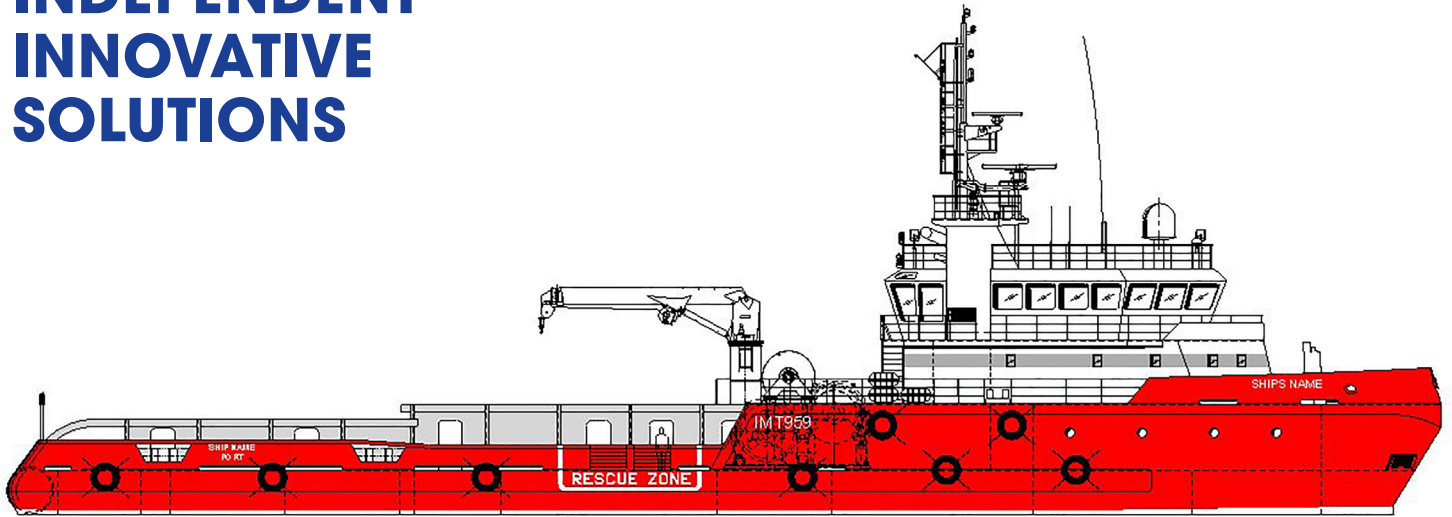


INDEPENDENT INNOVATIVE SOLUTIONS



OSD-IMT959 90T BOLLARD PULL AHTS

GENERAL INFORMATION

Vessel Type	AHTS
Class	ABS +A1, +AMS, Circle E
LOA	59.80 m
L.B.P	52.80 m
Beam	16.00 m
Depth	7.30 m
Summer Load Draft	5.50 m
Deadweight	1950 tonnes
Gross Tonnage	1824 tonnes
Net Tonnage	547 tonnes

CAPACITIES

Total Deck Area	362 m ² (5 t/m ² & 10 t/m ²)
Deck Cargo	500 tonnes
Fuel Oil (Heavy Fuel)	1170 m ³
Fuel Oil (Gas Oil)	200 m ³
Potable Water	415 m ³
Ballast Water	1140 m ³

ACCOMMODATION

Complement	22 Crew
Cabins	4x single, 5 x double and 2x four berth cabins
Accommodation	ships office, mess room, recreation room, galley, hospital, change room, Provisions / cold store

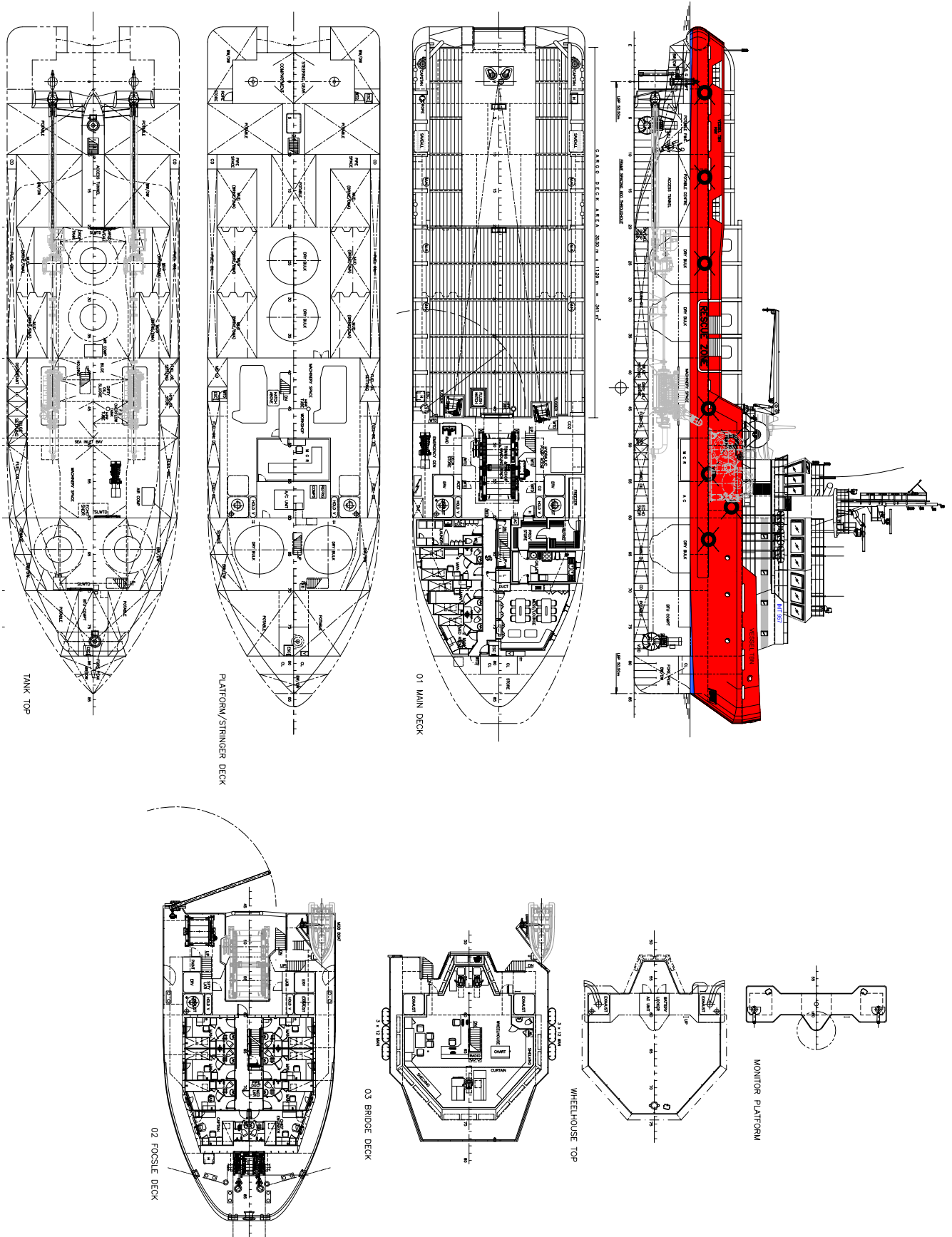
PROPULSION CONFIGURATION

Main Engines	2x 2547 kW , Yanmar Main engines @ 620 rpm,
	2x 3.31:1 reduction gearboxes,
	2x 3300 mm dia CPP/Nozzles
Alternators	3x 590 kW diesel alternators
	1x 315 kW diesel emergency / harbor alternator
Thrusters	2x 374 kW bow tunnel CPP
	1x 374 kW stern tunnel CPP
Rudders	2x independent flap type
Trial Speed	13.2 knots
Bollard Pull	90 tonnes
Manouverability	DP1 & joystick

EQUIPMENT

AHT Winch	250 t brake load two drum waterfall AHT winch, each drum 120 tonnes pull 1st layer @ 7.2 m/min, 1200 m x 64 mm dia wire.
Spare Tow Reel	1x 20 t pull, 1200 m x 64 mm dia wire
Tugger Winches	2x 10 t pull @ 18 m/min
Capstan/Mooring	2x 10 t pull @ 11 m/min
Windlass/Mooring	2x 10 t pull @ 10 m/min
Winches	lifters, 2 x warp heads,
	2x mooring drums 200 m of 22 mm wire
	1x 200 t SWL karm fork / tow pin unit,
	stern roller 250 t SWL,
	2x 200 t SWL gobeye,
	1x 200 t SWL Smit bracket on fore deck.

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