

INDEPENDENT INNOVATIVE SOLUTIONS



OSD-IMT960 FIELD SUPPORT / STANDBY SAFETY / TANKER ASSIST VESSEL

GENERAL INFORMATION

Vessel Type	FSV
Class	Lloyds + 100 A1, + LMC, UMS
LOA	60.66 m
L.B.P	49.80 m
Beam	16.00 m
Depth	7.30 m
Design Draft	5.50 m
Deadweight	1868 tonnes
Net Tonnage	646 tonnes
Gross Tonnage	2151 tonnes

CAPACITIES

Total Deck Area	260 m ² (5 t/m ² & 10 t/m ²)
Deck Cargo	500 t
Fuel Oil (Ships Use)	300 m ³
Fuel Oil (Cargo)	500 m ³ 1 x 150 m ³ /hr
Potable Water (Ships Use)	200 m ³
Potable Water (Cargo)	500 m ³ 1 x 150 m ³ /hr
Drill/Ballast Water	1123 m ³ 1 x 150 m ³ /hr

EMERGENCY RESPONSE CAPABILITIES

Rescue Craft	1x 6.5 m, 15 man FRC
	2x 10/11.0 m Daughter Craft
Mechanical Aids	1x 7 m Dacon Scoop (P)
Crane	1x Knuckle Boom Crane SWL
Rescue Zones	1x 5 m Scrambling Net Stbd.
Winching Zones	1x Aft Deck, 1x Focsls Deck
Self-Drenching System	5 ltrs/m ² /min
Sundry Equipment	2x karm fork/towing pin units, stern roller 250 t SWL, gobeye & karm roller points, 200 t SWL
Fifi	Fifi 1 with drenching system

PROPULSION CONFIGURATION

Main Engines	2x MaK 9M25, 2970 kW @ 750 rpm, 2x reduction g/boxes, 2x 3200mm dia CPP/Nozzles
Alternators	2x 1300 kW shaft alternators 2x 470 kW diesel alternators
Thrusters	1x 500 kW bow tunnel CPP 1x 500 kW stern tunnel CPP 1x 600 kW bow Azimuth Thruster
	Rudders 2x independent flap type
Trial Speed	13 knots
Bollard Pull	95 t
Manouverability	Joystick (3 positions)

EQUIPMENT

AHT Winch	250 t two drum waterfall winch, 1200mm of 60mm wire
Tugger Winches	2x 10 t pull @ 18 m/min
Capstan/Mooring	2x 10 t 300 m of 18 mm wire
Windlass/Mooring	1x 10 t pull @ 0-11 m/min, 2x cable lifters, 2x warp heads

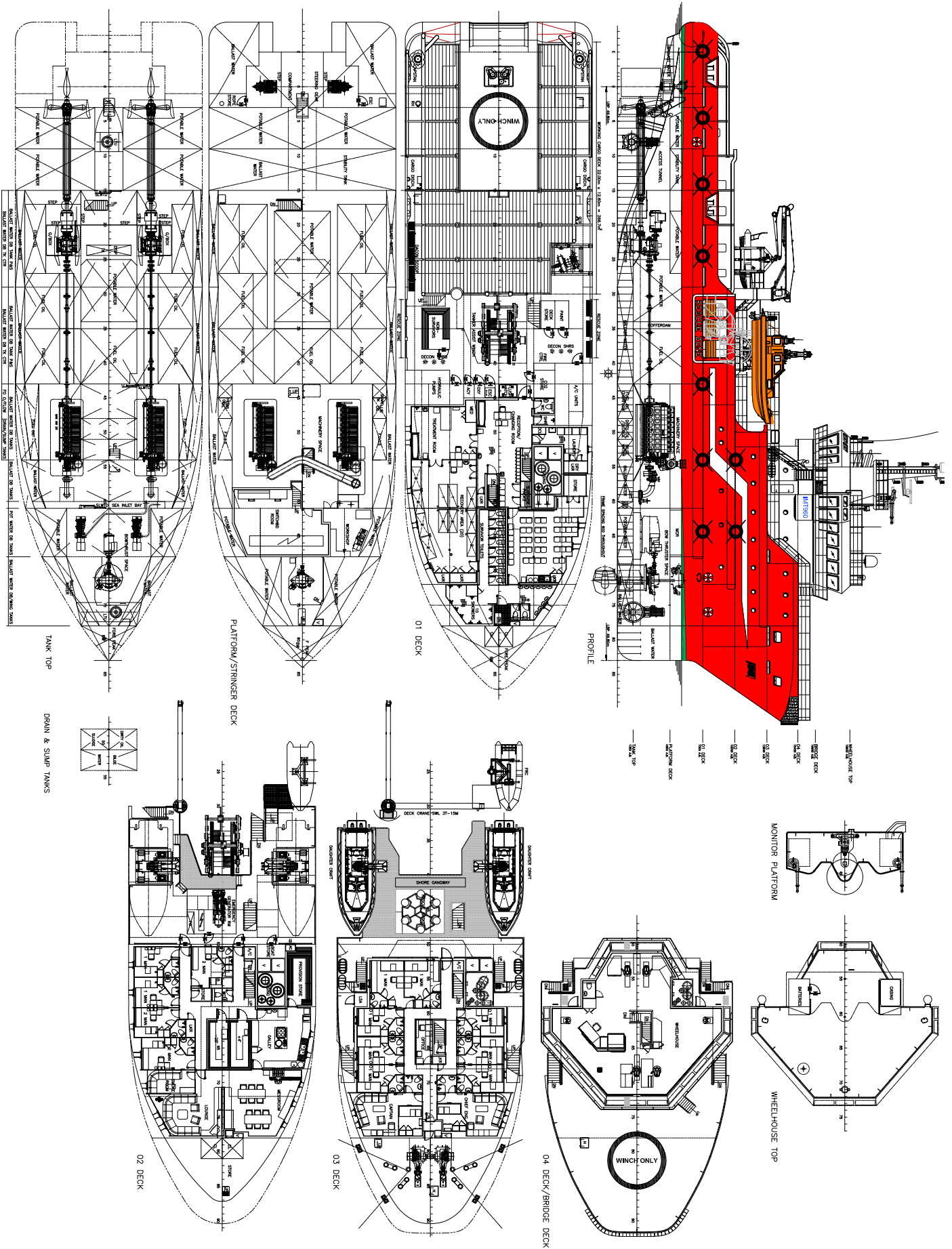
ACCOMMODATION

Complement	15 Normal, 30 Maximum
Cabins	12x 1 en suite single, 3 x 2, 2 x 1 man en suite cabins
Accommodation	Ships office, Mess room Recreation room
Survivor Capability7	UK Group B -300 Survivors

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SHIP DESIGN & MARINE CONSULTANCY

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