

INDEPENDENT INNOVATIVE SOLUTIONS



OSD-IMT984(A) PLATFORM SUPPLY VESSEL

GENERAL INFORMATION

Vessel Type	Platform Supply Vessel
Class	DNV +1A1, Offshore Service Vessel - Supply, SPS, DYNPOS-AUTR, Fire Fighter I, Clean, SF, EO
L.O.A	84.65 m
L.B.P	75.70 m
Beam	18.00 m
Depth	7.60 m
Draft Design	6.30 m

CAPACITIES

Total Deck Area	810 m ²
Ships Fuel Oil	291 m ³ @ 96% Tank Volume
Cargo Fuel Oil	764 m ³ @ 96% Tank Volume
Potable Water	669 m ³ @ 96% Tank Volume
NLS (Mud, Brine etc...)	731 m ³ @ 96% Tank Volume
Base Oil	183 m ³ @ 96% Tank Volume
Drill/Water Ballast	1700 m ³ @ 96% Tank Volume
Dry Bulk	305 m ³ @ 96% Tank Volume
Passive Anti-Roll	205 m ³ @ 100% Tank Volume

ACCOMMODATION

Complement	48 persons on board
Accommodation	14 off single en-suite cabins 13 off, 2-person en suite cabins 2 off, 4-person en suite cabins Ships Office, Mess Room Lounge, TV Lounge, Offices, Gym

DYNAMIC POSITIONING

DP System compliant with DNV AUTR Notation

PROPULSION CONFIGURATION

Main Generators	2x Yanmar 6EY26LW Diesel Engines driving DCG 114 K1-10 W Generators
Output	1720 kW(e) @ 720 rpm 690/3/60
	2x Yanmar 6EY18LW Diesel Engines driving DCG 86 Ko-8 W Generators
Output	680 kW(e) @ 900 rpm 690/3/60
Emergency/ Harbour Generator	1x MAN D2876 LF201 Diesel Engine 1x Newage Stamford HCM 534C Generator
Output	340 kW(e) @1800 rpm 440/3/60
Voltage	690 V/3 Ph/60 Hz
Propulsion Units	2x 2000 kW Azimuth Propellers
Thrusters	3x 690 kW Bow Tunnel Thrusters
Service Speed	14.00 knots
Economic Speed	12.00 Knots
Manoeuvrability	DP & Joystick

EQUIPMENT

Tugger Winches	2x Electric Driven Tugger Winches Each having a 10 t pull @ 0-20 m/min
Capstan Mooring	2x Hydraulic Driven Capstans Each having a 10 t pull @ 0-20 m/min
Windlass/Mooring	2x Electric Windlass/Mooring Winch Each having a 12 t pull @ 0-12 m/min, 2 cable lifters, 2x warp heads

LIFE SAVING

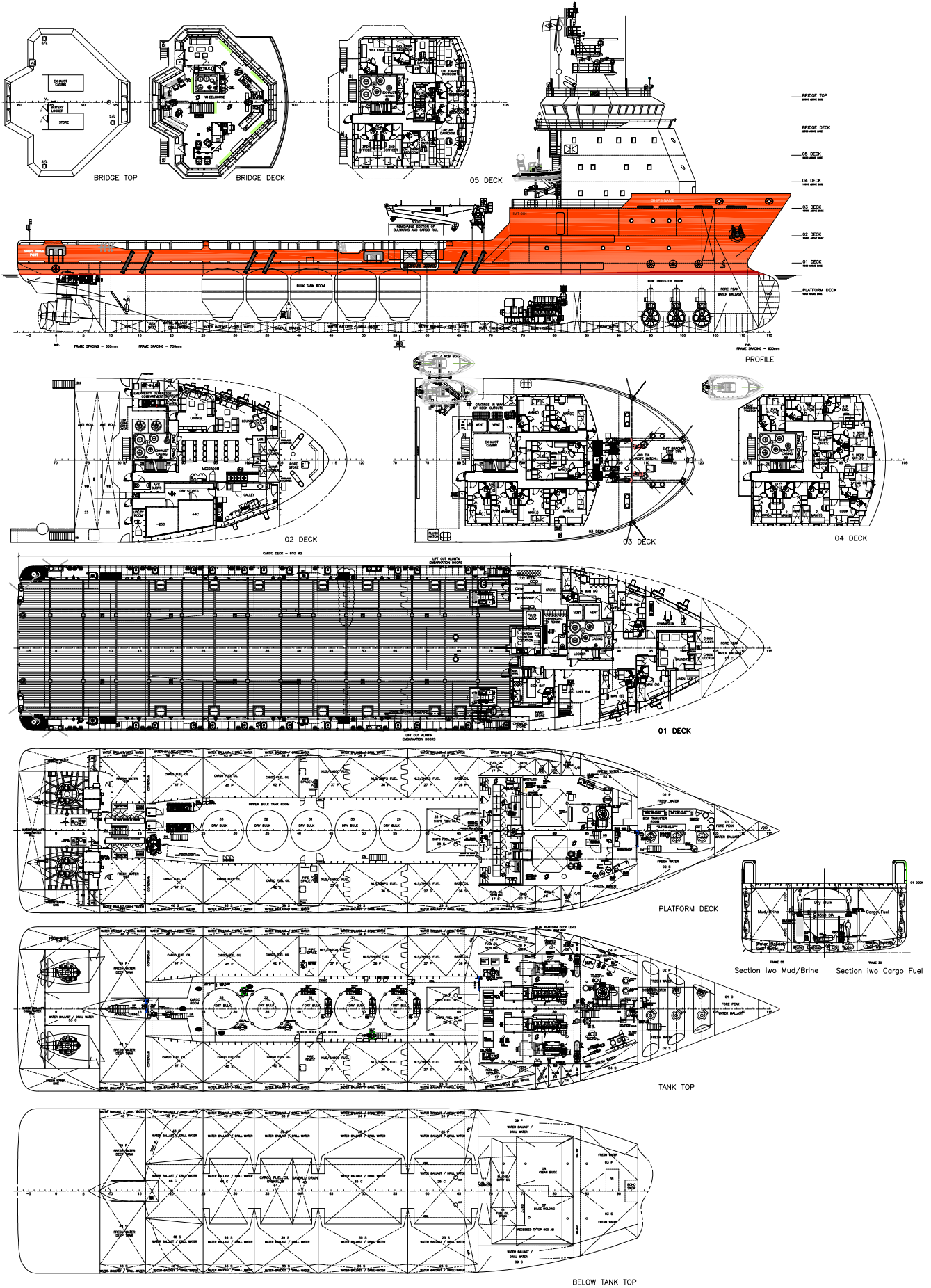
	1x SOLAS approved Fast Rescue Boat for 10 persons
	2x 25 encl lifeboats, each suitable for 38 persons
	4x 21 man life rafts

OSD IMT

SHIP DESIGN & MARINE CONSULTANCY

OSD-IMT.com

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