

INDEPENDENT INNOVATIVE SOLUTIONS

OSD-IMT982 PLATFORM SUPPLY VESSEL

GENERAL INFORMATION

Vessel Type	Platform Supply Vessel
Class	Lloyds +100A1, +LMC, UMS, DP(AA), INLS, MAPMS
L.O.A	83.00 m
L.B.P	74.95 m
Beam	18.00 m
Depth	7.20 m
Maximum Draft	5.95 m
Maximum Deadweight	4000 tonnes approx.
Assigned Load Draft	4.90 m
Operating Deadweight	2500 tonnes approx.
Gross Tonnage	3140 GT
Net Tonnage	931 NT
Special Features	Low operating displacement under 5000 tonnes

CAPACITIES

Total Deck Area	912 m ² (5 t/m ²)
Deck Cargo	1000 tonnes
Fuel Oil	1195 m ³
Potable Water	795 m ³
Liquid Mud	584 m ³ (6 tanks two grades)
Brines	390 m ³ (4 tanks two grades)
Dry Bulk	318 m ³ (5 tanks two grades)
Base Oil	170 m ³
Drill (Fresh) Water	390 m ³
Water Ballast	1125 m ³
Stabilisation	2x Passive Stabiliser Tanks

ACCOMMODATION

Cabins	17 total in single en-suite cabins
Accommodation	Ships Office, Mess Room, Ships Office, Mess Room, 2 Lounges, Hospital

PROPULSION CONFIGURATION

Propulsion System	Diesel-Electric
Main Generators	4x MAK 9M20
	4x 1450 kW @ 750 rpm
Main Propulsion	2x Steerprop 1900 kW e Azimuths
Emergency/	
Harbour Alternator	1x Caterpillar 320 kW e
Bow Thrusters	2x Brunvoll FP Tunnels
	2x 800 kW e
Manoeuvrability	DP2 & Joystick (3 positions)
Trial Speed	13.5 knots

CARGO SYSTEMS

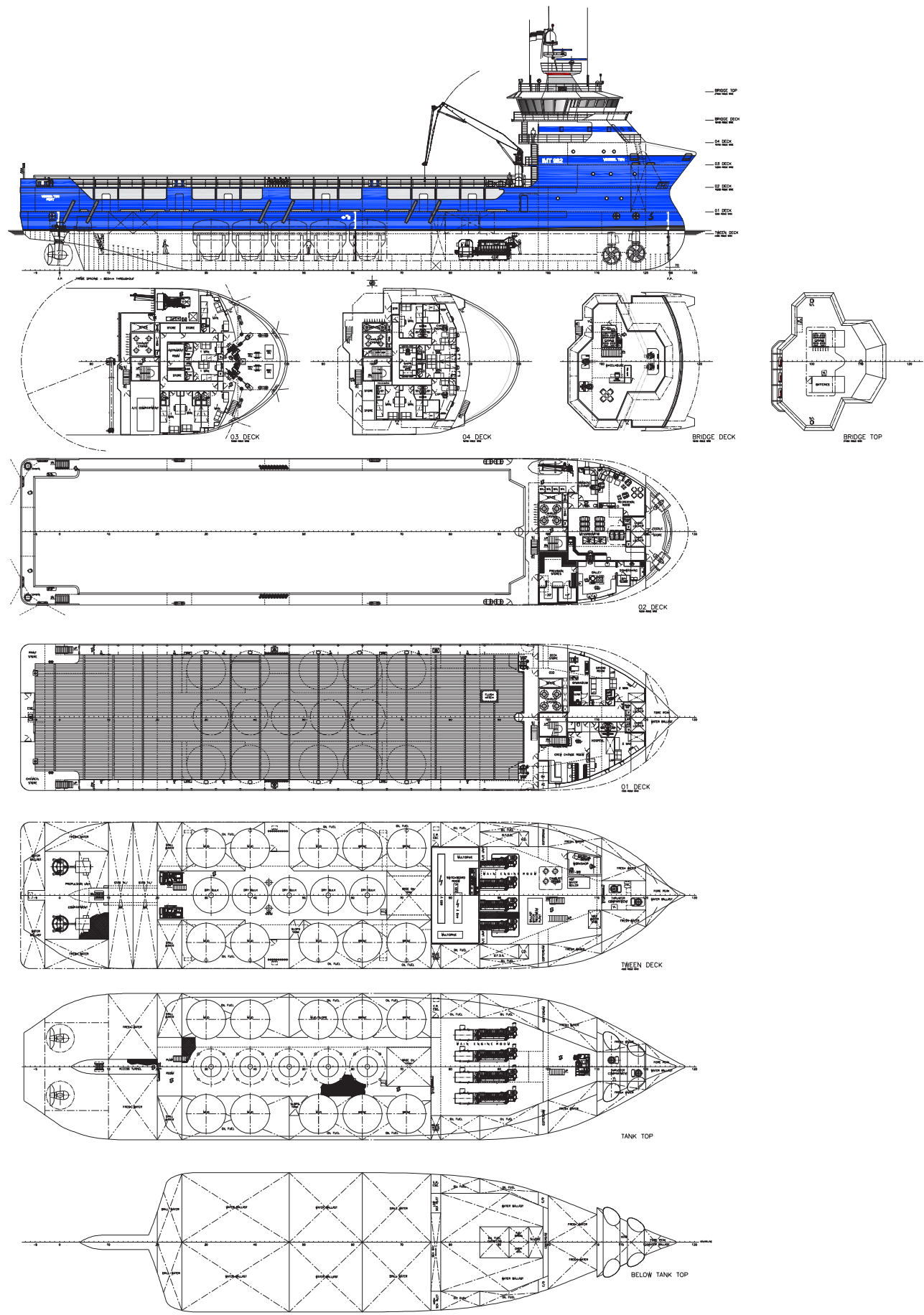
Cargo FO Pumps	2x 200 m ³ /hr @ 100 mlc
Cargo PW Pump	1x 200 m ³ /hr @ 100 mlc
Cargo DW Pump	1x 200 m ³ /hr @ 100 mlc
Cargo DMA Pump	1x 75 m ³ /hr @ 100 mlc
Cargo Mud Pump	2x 75 m ³ /hr @ 90 mlc, 2.5 SG
Cargo Brine Pump	2x 75 m ³ /hr @ 90 mlc, 2.5 SG
Dry Bulk Compr.	2x 18.6 m ³ /hr @ 5.6 bar
Ballast Pumps	2x 200 m ³ @ 90 mlc
Tank Washing System	Boiler and tank HW heaters with hot water wash system, chemical dosing pump, tank slop pump, stripping pump, circulation pump, sludge pump
Tank Washing Machines	10 off Rotating tank washing machines using cargo or hot fresh water
Tank Agitation	2x Recirculation pumps each 50 m ³ /hr @ 2 bar
	10x recirculation pumps each m ³ /hr at 2.5 SG

OSD IMT

SHIP DESIGN & MARINE CONSULTANCY

OSD-IMT.com

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