

INDEPENDENT INNOVATIVE SOLUTIONS



OSD-IMT978 PLATFORM SUPPLY VESSEL

GENERAL INFORMATION

Vessel Type	PSV
Class	Lloyds +100A1, +LMC, UMS
L.O.A	78.20 m
L.B.P	72.60 m
Beam	17.00 m
Draught	7.20 m
Summer Load Draught	5.50 m
Deadweight	3890 tonnes
Gross Tonnage	2950 tonnes
Net Tonnage	870 tonnes

CAPACITIES

Total Deck Area	739 m ² (5 t/m ²)
Deck Cargo	1000 tonnes
Fuel Oil	1480 m ³
Potable Water	790 m ³
Liquid Mud	940 m ³ (10 tanks two grades)
Brines	376 m ³ (two grades)
Dry Bulk	318 m ³ (5 tanks two grades)
DMA	230 m ³
Drill/Water Ballast	1094 m ³
Recovered Oil	402 m ³

ACCOMMODATION

Complement	18 crew
Cabins	18 off single en-suite
Accommodation	Ships Office, Mess Room, 2 Lounges, Offices Standby Accommodation to UKOOA requirements

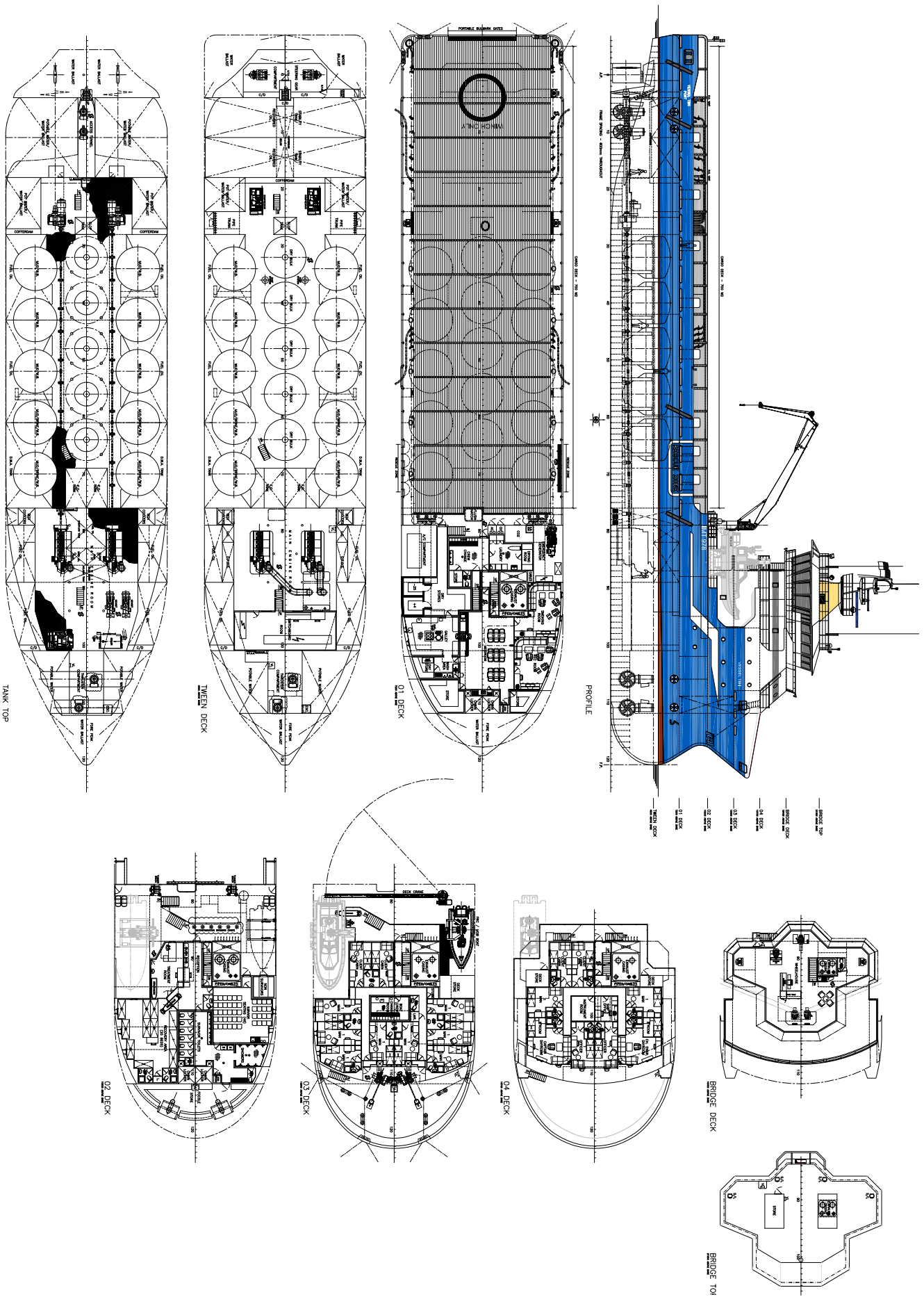
PROPULSION CONFIGURATION

Main Engines	2x	1980 kW @ 750 rpm, two reduction gearboxes, 2x 3000 mm dia CPP Propellers
Alternators	2x	1500 kW Shaft Alternators
	2x	330 kW Diesel Alternators
Thrusters	2x	590 kW Bow Tunnel CPP
	2x	590 kW Stern Tunnel CPP
Rudders	2x	Independent Flap Type
	2x	800 kWe
Trial Speed	12.5	knots
Manoeuvrability	DP2 & Joystick	(3 positions)

CARGO SYSTEMS

Cargo FO Pumps	2x	200 m ³ /hr @ 100 mlc
Cargo PW Pump	1x	75 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	1x	75 m ³ /hr @ 90 mlc, 2.3 SG
Cargo Brine Pump	1x	75 m ³ /hr @ 90 mlc, 2.3 SG
Dry Bulk Comprs.	2x	18.6 m ³ /hr @ 5.6 bar
Tank Washing System		Boiler and tank HW heaters with hot water wash system, chemical dosing pump, tank slop/stripping 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 with recirculation piping and outlets

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