

**INDEPENDENT
INNOVATIVE
SOLUTIONS**

OSD-IMT9140 WELL INTERVENTION VESSEL

GENERAL INFORMATION

Basic Functions	Well intervention and stimulation, IMR
Classification	DNVGL +A1, Ship Shaped Well Intervention Unit 2, Strengthened (DK), HL (2.2), E0 DYNPOS-AUTR, NAUT (OSV), Crane HELDK, SF, SPS, LFL 1, DG (P), Ice C BWM (T), Clean (Design Tier III) Recyclable, COMF (V-2, C-2), BIS

DIMENSIONS AND PERFORMANCE

L.O.A	140.00 m
L.B.P	131.80 m
Beam	30.00 m (moulded)
Depth	12.50 m (moulded)
Drafft Design	7.50 m (moulded)
Draught Max	8.25 m (moulded)
Service Speed	12 knots (approx.)
Dynamic Positioning	DP2 (DP3 optional)

CAPACITIES (APPROX.)

Useable Work Deck Area	2100 m ²
Cement/Dry Bulk	270 m ³
Drill Water	2150 m ³
Fuel Oil	1750 m ³
Lubricating Oil	66 m ³
Fresh Water	1400 m ³
Glycol	25 m ³
Flushing Fluid	25 m ³
Mud	550 m ³

ACCOMMODATION

Complement	142 persons
Accommodation	8 suites, 20 single cabins, 57 twin cabins

ROLL REDUCTION

Anti-roll tank	2x passive anti-roll tank
Heeling tank	2x heeling tank

MACHINERY

Main Engines	6x Diesel Generators, 4000 kW @ 750 rpm ea.
Propulsion Units	2x 3500 kW Azimuth Thrusters, 3.5 m prop. dia. 1x 2800 kW Stern Tunnel Thruster 1x 2800 kW Bow Tunnel Thruster 1x 2200 kW Drop Down Bow Azimuth Thruster
Electrical Networks	6.6 kV/690 V/440 V/230 V at 60 Hz
Harbour Generator	1x 1000 kW(e) approx.
Emergency Generator	1x 550 kW(e) approx.

DECK EQUIPMENT

Subsea Crane 150 t	SWL active heave compensated to 3000 m
Deck Crane	50 tonnes
Moonpool	8.0 m x 8.0 m
ROV Equipment	ROV handling crane in hangar ROV LARS system on Port and Starboard sides ROV hangar with roller shutter doors

NAUTICAL AND COMMUNICATION EQUIPMENT

External Communication	GMDSS A3, VHF, AIS, VSAT
Internal Communication	Intercom
Nautical Systems	X-band radar, S-band radar, ECDIS, autopilot, GPS, magnetic compass, gyro compass, echo sounder, speed log, doppler log, current sensor

LIFE SAVING

Lifeboats	2x 150 person lifeboats
Life rafts	8x 40 person life rafts
Fast Rescue Craft	2x FRC

WELL INTERVENTION EQUIPMENT

MHS & RLWI Tower with supporting functions for Top Hole Drilling, P&A, XT deployment/recovery and Riserless Well Intervention operations such as Coiled Tubing and wireline operations

OPTIONS

DP3	
Saturation dive spread	

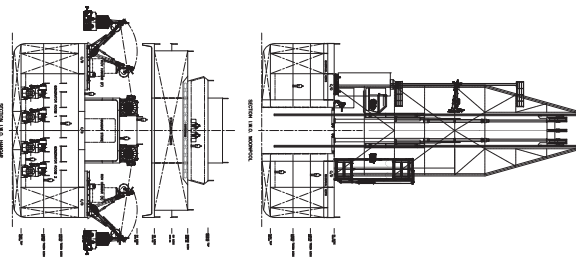
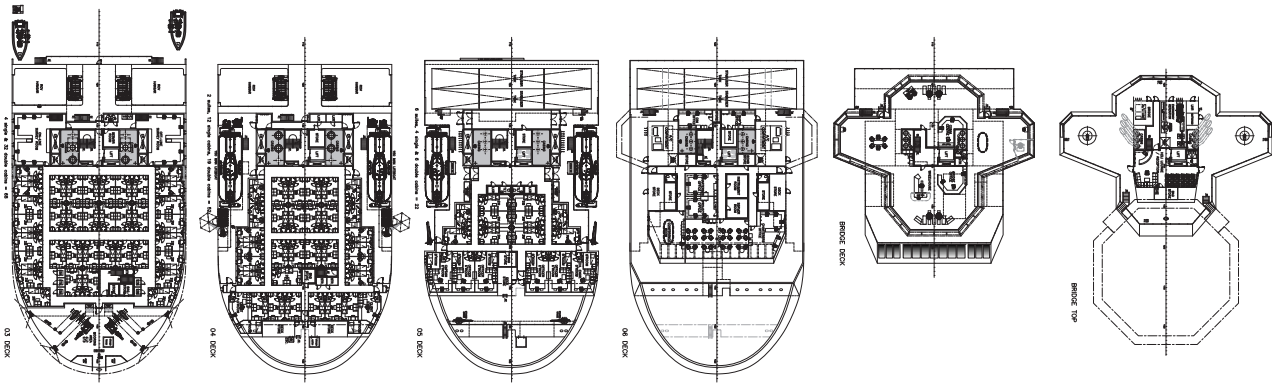
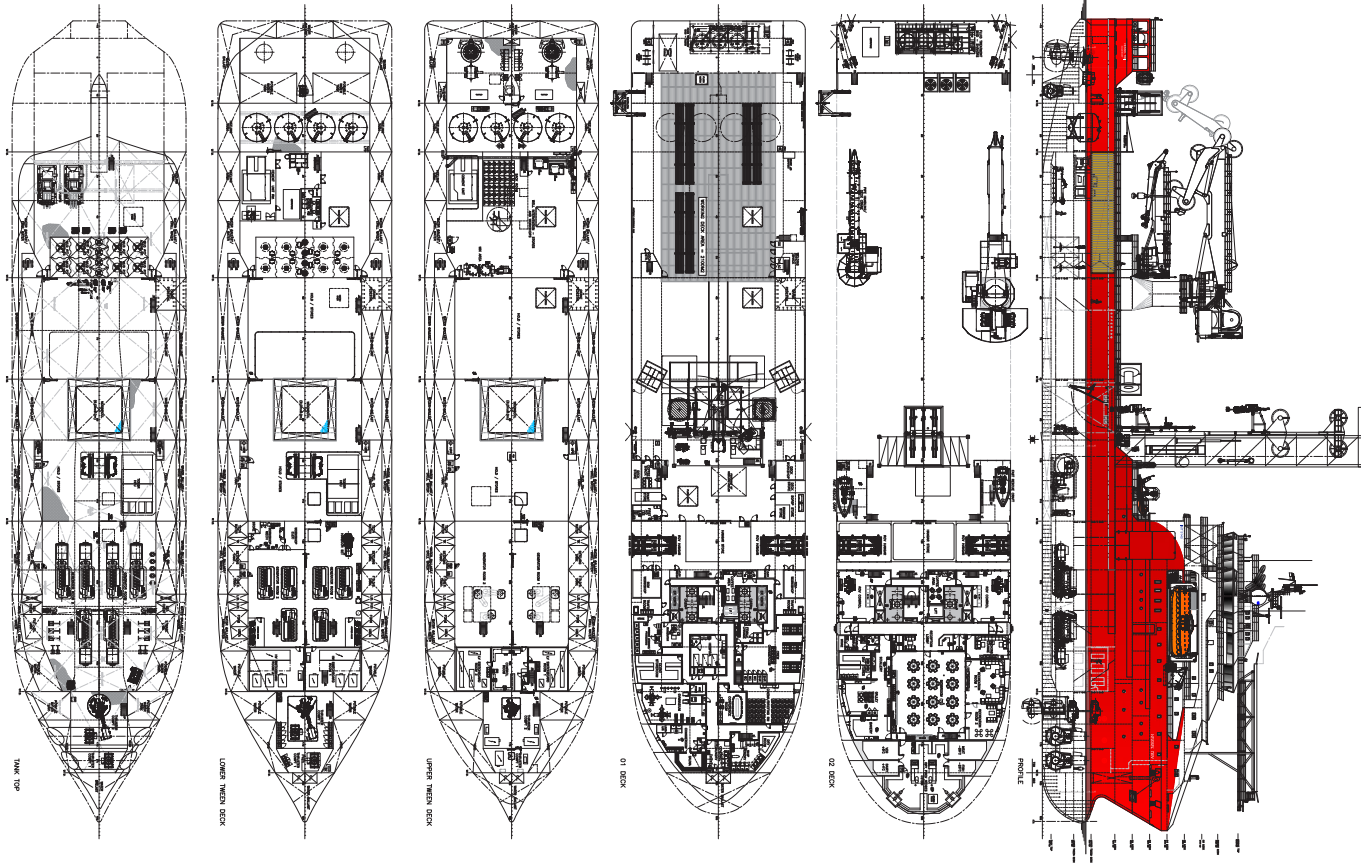
All data presented is preliminary and is subject to change without prior notice.

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SHIP DESIGN & MARINE CONSULTANCY

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