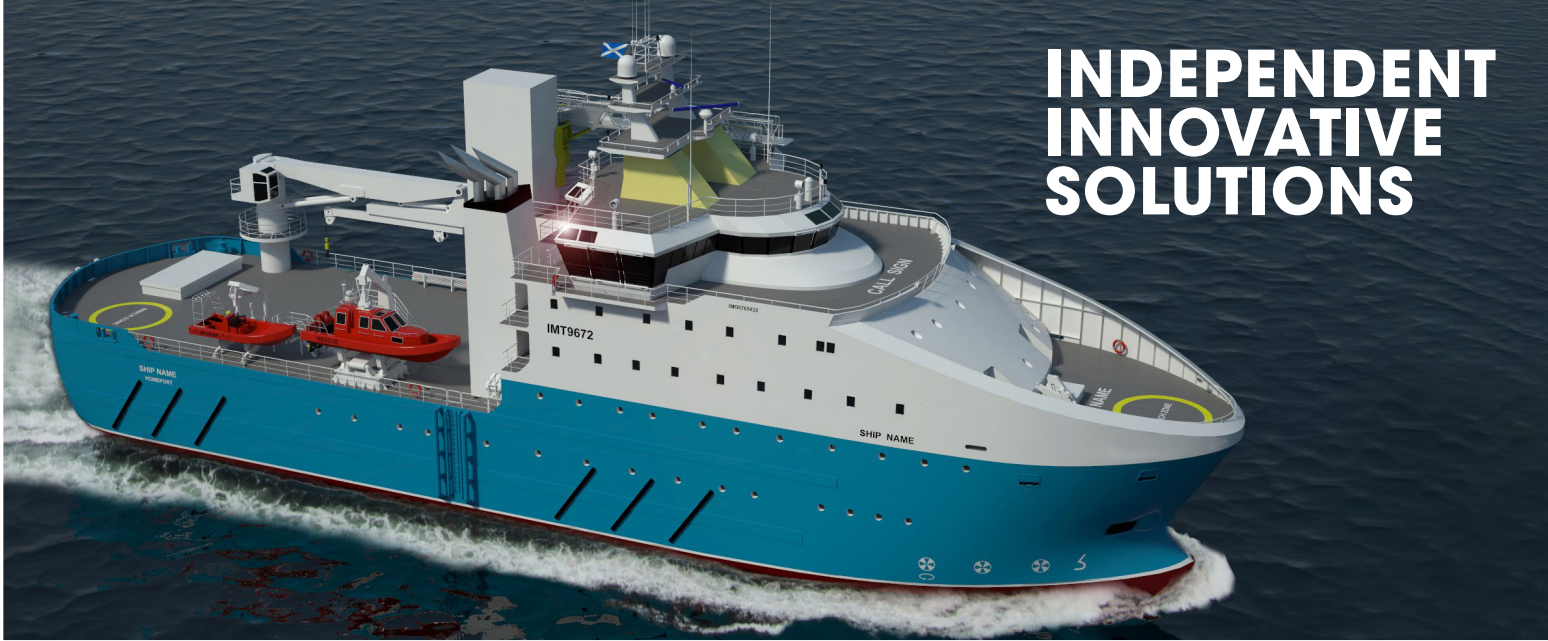


INDEPENDENT INNOVATIVE SOLUTIONS



OSD-IMT9672 SERVICE OPERATION VESSEL

GENERAL INFORMATION

Vessel Type	Service Operation Vessel
Class	DNV GL,+1A, E0, Clean, Dynpos DP2,Com- C(3) V(3),Windfarm Service Operation Vessel, SPS(60)
LOA	72.20 m
LBP	66.50 m
Beam	17.00 m
Depth	7.55/11.00 m
Summer Load Draught	4.50 m
Deadweight	1350 tonnes approximately

CAPACITIES

Clear Deck Area	280	m ² @ 5 tonnes/m ²
Ships Fuel Oil	700	m ³ at 98%
Potable Fresh Water	320	m ³ at 98%
Tech Humidity Cont. Stores	200	m ²
Tech. Workshops Area	63	m ²
Roll Reduction System	Active Roll Reduction system	

ACCOMMODATION

Complement	60 Persons	
	40x	Single Technicians cabins
	12x	Single Crew cabins,
	3x	Twin Crew cabins
	2x	Officer's suites
	all fitted with private en-suite toilets	
	Auditorium / Cinema, Technicians TV	
	Lounge Technicians Recreation Room,	
	Technicians Mess Room, Smokers Lounge,	
	Crew Lounge / Recreation Room ,Galley	
	Conference Room,2 x Client Offices,Ship's	
	Office, Gymnasium	

Clean laundry and drying facilities,
Workwear laundry and drying facilities
Male and female changing room, Hospital.

DIESEL-ELECTRIC PROPULSION CONFIGURATION

Main Generators:	4x	1550 kW @ 720 rpm
Main Propulsion	2x	1200 kW Azimuth Thrusters
Electric System	60Hrtz, 690v/440v/220v	
Emergency/Harbor		
Generator	1x	350 kWe @ 1800 rpm
Bow Thrusters	2x	900 kW
Trial Speed	14.0 knots	

EQUIPMENT

Access Gangway	25 m – telescopic, motion compensated	
Pallet Lift	1000 kg SWL	
Spares Transfer Trolley	1000 kg along gangway from pallet lift	
General Cargo Crane	1x	4000 kg @20m c/w 3d motion compensation tool
Stores Crane	1x	1500kg @ 15 m
FR/MOB Boat	1x	7.5m long
Workboat	1x	12.0 m long monohull Crew transfer boat
Davits	1x	12t and 1 x 3.5t heave compensated

DECK MACHINERY

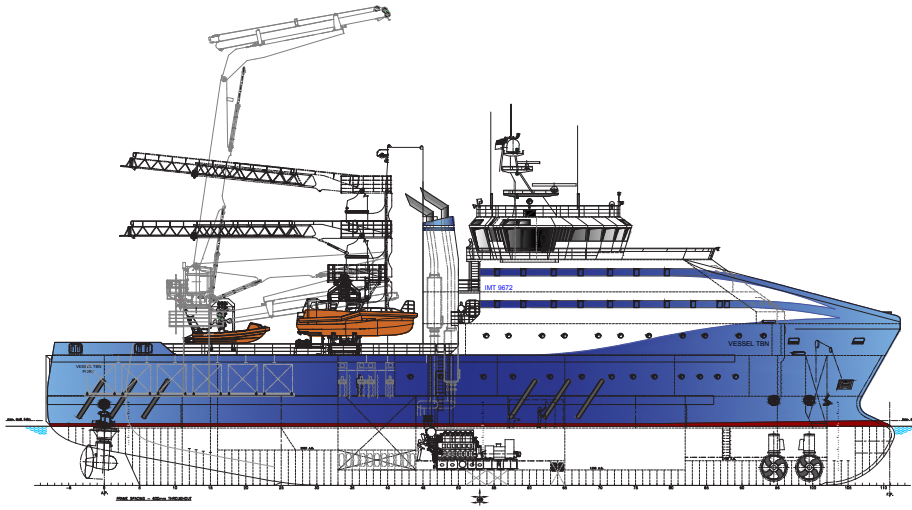
Capstan	2x	5t pull @ 0-15 m/min
Windlass	2x	Cable Lifters, 2x Warp Heads
Optional items		
Pallet Lift/Conveyor	Euro-pallet size to service store/ workshop up to gangway access trolley	

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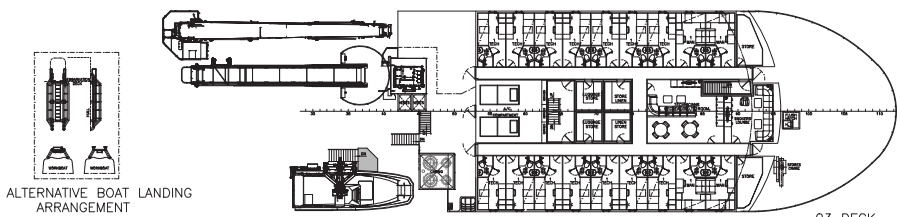
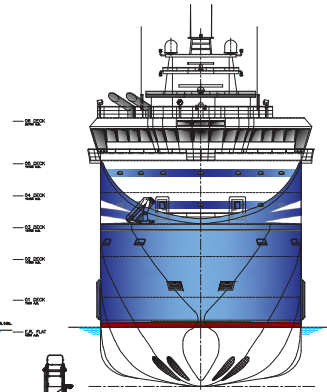
SHIP DESIGN & MARINE CONSULTANCY

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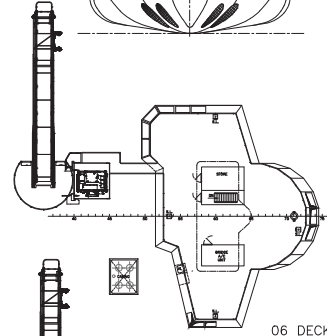
OSD-IMT9672 SERVICE OPERATION VESSEL



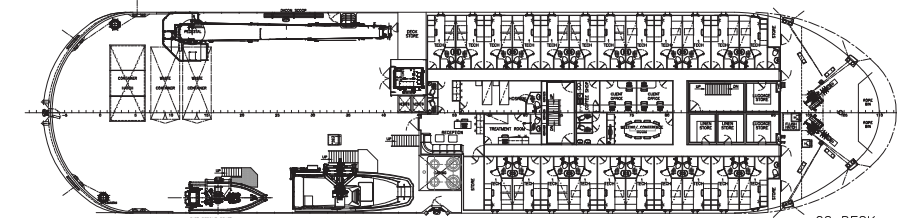
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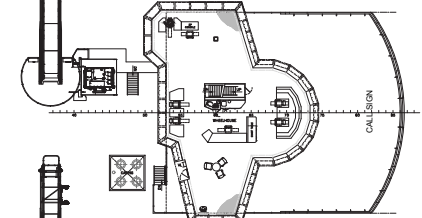
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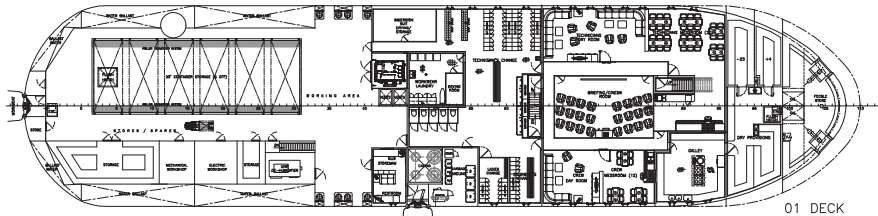
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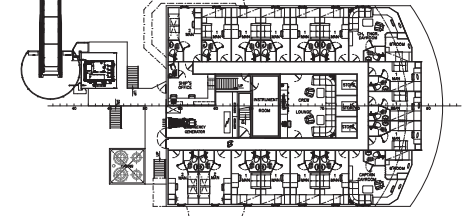
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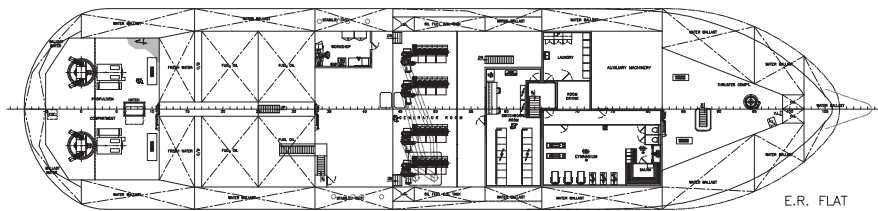
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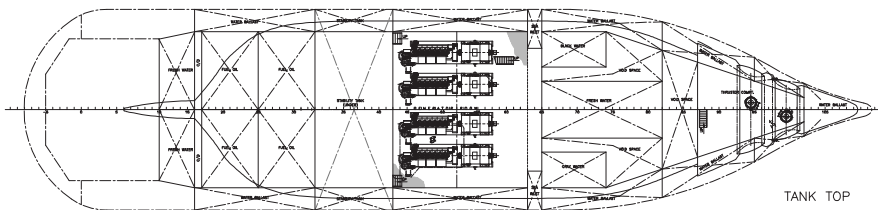
01 DECK



04 DECK



E.R. FLAT



TANK TOP

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