

# INDEPENDENT INNOVATIVE SOLUTIONS



## OSD-IMT955 STANDBY SAFETY VESSEL

### GENERAL INFORMATION

Vessel Type	Standby Safety Vessel
Class	Lloyds + 100 A1, + LMC, UMS
L.O.A	55.20 m
L.B.P	48.00 m
Beam	12.70 m
Rescue Draft	4.13 m
Summer Load Draft	4.66 m
Deadweight	881 tonnes
Gross Tonnage	1433 tonnes
Net Tonnage	429 tonnes

### CAPACITIES

Total Deck Area	200 m <sup>2</sup>
Deck Cargo	300 tonnes
Fuel Oil (Ship)	174 m <sup>3</sup>
Fuel Oil (Cargo)	230 m <sup>3</sup>
Potable Water (Ship)	140 m <sup>3</sup>
Potable Water (Cargo)	174 m <sup>3</sup>
Cargo FO Pumps	1x 75 m <sup>3</sup> /hr @ 100 mlc
Cargo PW Pumps	1x 75 m <sup>3</sup> /hr @ 100 mlc

### ACCOMMODATION

Cabins	15 en-suite single cabins, 7 fitted with Pullman Berths
Accommodation	Ships Office, Mess room, Recreation Room, Smoking Room, Gymnasium, Sauna

### PROPULSION CONFIGURATION

Generators	4x 550 kW 440 v/3/60
DE System	SES Active Front End
Main Propulsion	2x 750 kW Azimuth Thrusters
Bow Thruster	1x 450 kW Tunnel
Service speed	12.4 knots
Economical Speed	11.0 knots
Manoeuvrability	Joystick (3 positions)

### EMERGENCY RESPONSE CAPABILITIES

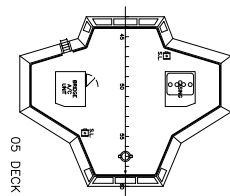
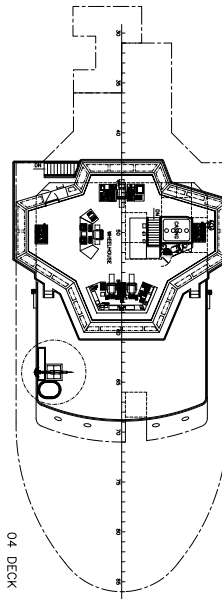
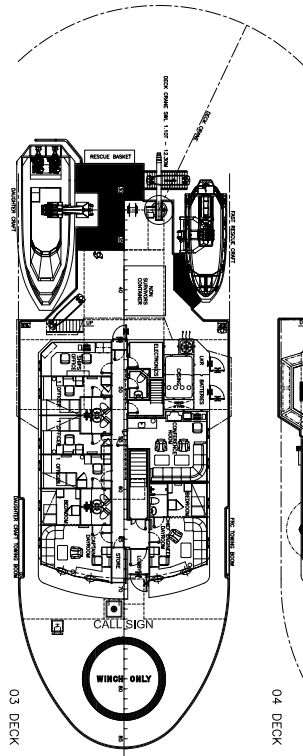
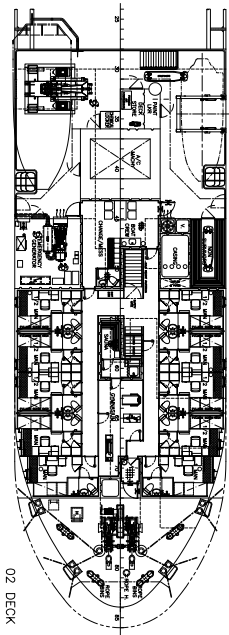
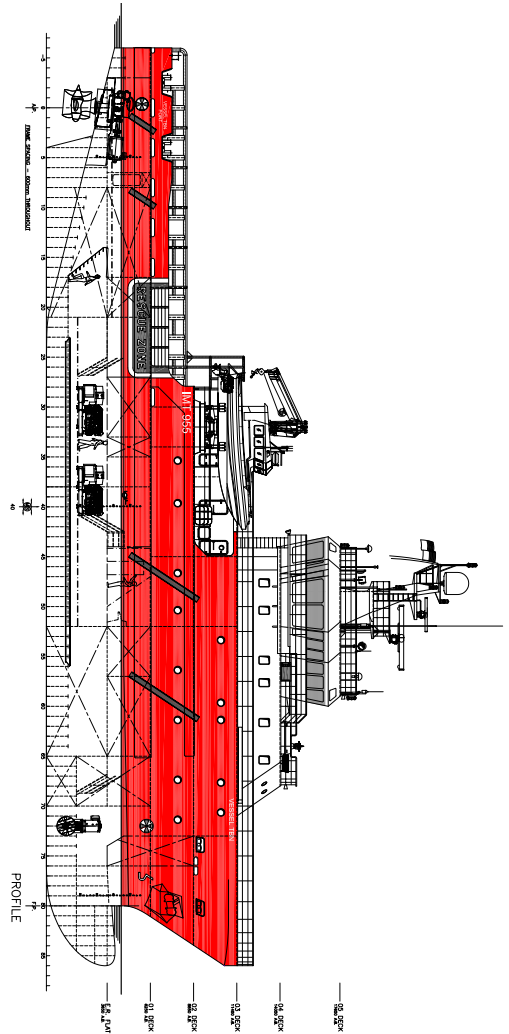
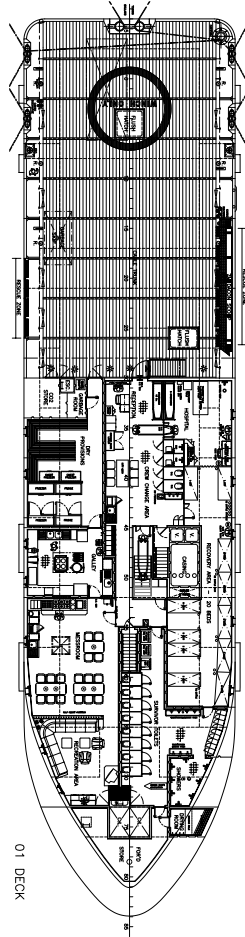
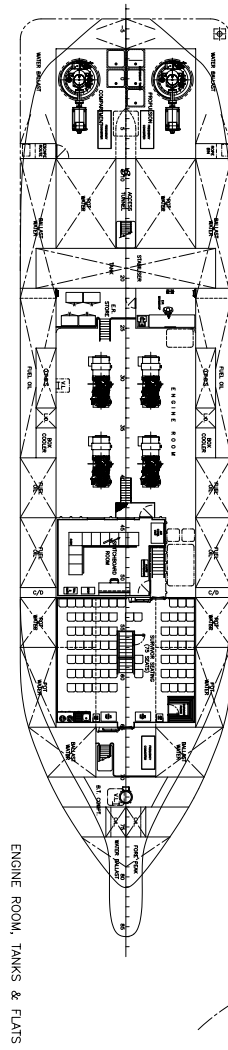
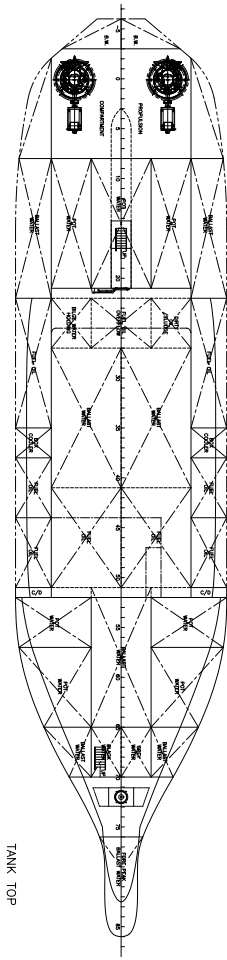
Rescue Craft	1x 6.5 m, 15 man FRC
	1x 10.0 m Daughter Craft
Mechanical Aids	1x 7 m Dacon Scoop
Crane	1x Knuckle Boom Crane SWL 4.0/1.5 t @ 4.0/12.3 m
Temporary Refuge	1x Rescue Basket
Dispersant Capacity	5x 1 m <sup>3</sup> Plastic Tanks
Towing Facilities	Cruciform Bollard at Transom
Rescue Zones	1x 5 m Scrambling Nets (stbd)
	1x 7 m Dacon Scoop (port)
Self-Drenching System	5 ltrs/m <sup>2</sup> /min
Winching Zones	1x Aft Deck
	1x Focsls Deck
Survivor Capability	UK Group B - 300 Survivors
	Norway - 260 Survivors
	Denmark - 140 Survivors
	Netherlands - 120 Survivors

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SHIP DESIGN & MARINE CONSULTANCY

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