

**INDEPENDENT
INNOVATIVE
SOLUTIONS**



OSD-IMT951 HYBRID STANDBY SAFETY VESSEL

GENERAL INFORMATION

Vessel type	Standby Safety Vessel
Class	Lloyds +100 A1, +LMC, Standby Vessel, EP (A, B, G, I, N2, P, R, S) Group A ERRV
UKOOA	
LOA	50.70 m
L.B.P.	47.40 m
Breadth mld.	13.00 m
Depth	6.00 m
Design draft	4.30 m
Deadweight	675 tonnes
Gross tonnage	1330 GT
Net tonnage	402 NT

CAPACITIES

Deck area	80	m ³ @ 5 t/m ²
Fuel oil	300	m ³
Potable water	150	m ³
Ballast water	610	m ³

ACCOMMODATION

Cabins	16 (2 suites, 4 single berth officers cabins, 9 single berth crew cabins, 1 four berth passenger cabin)
Accommodation	Ships office, mess area, 2 lounges, fitness area, sauna

PROPULSION CONFIGURATION

Generators	4x 700 kW 720-900 rpm, 690 V, 60 Hz
Battery pack	Kongsberg 125 kW @1100 V DC
Main propulsion	2x azimuth Power(approx) 800 kW, fixed pitch
Bow thruster	1x 450kw retractable / tunnel, fixed pitch
Service speed	11.5 knots
Controls	aft bridge conning position, fwd bridge conning position
Joystick	P&S manoeuvring consoles

EMERGENCY RESPONSE CAPABILITIES

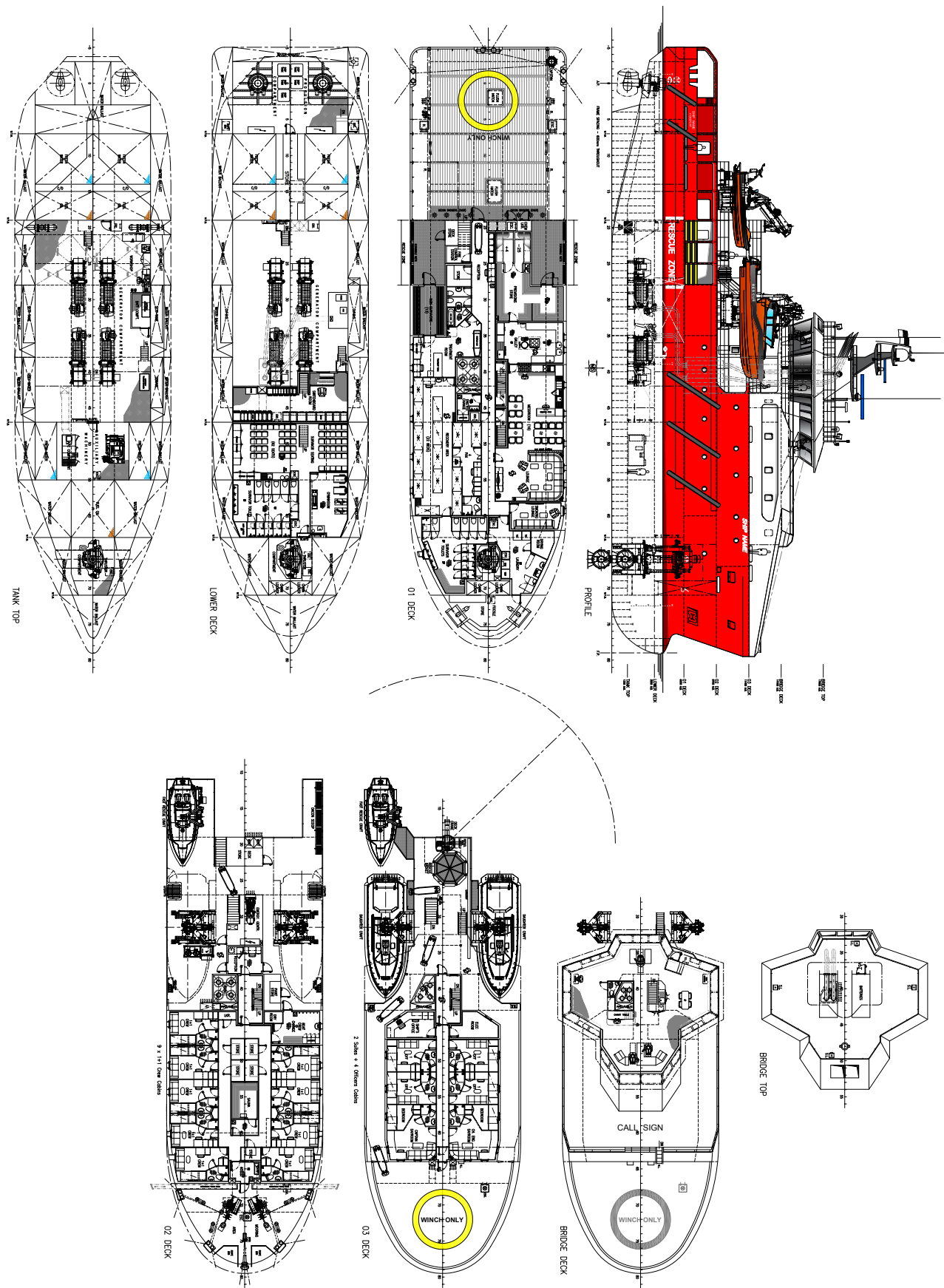
Rescue craft	1x FRC 6.40 m 2x DC 10.20 m
Mechanical aids	1x Dacon Scoop Retrieval net 6000 mm long Crane: deck Crane SWL 2100/2700 kg at 15/11.19 metres outreach
Temporary refuge	1x rescue basket
Dispersant capacity	2x 2m ³ Stainless steel tank
Towing facilities	30 t SWL Towing Bollard
Rescue zones	2x Jasons Cradle net systems, 5000 mm long
Self-drenching system	5 ltrs/m ² /min
Winching zones	2x one on the aft deck, the other on forward bow area
Survivor capability	300+ survivors

OSD IMT

SHIP DESIGN & MARINE CONSULTANCY

OSD-IMT.com

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