

INDEPENDENT INNOVATIVE SOLUTIONS



OSD-IMT EMERGENCY RESPONSE VESSEL (DIESEL ELECTRIC)

PRINCIPAL CHARACTERISTICS

Length	69.90	m
Breadth Moulded	16.90	m
Depth Moulded	7.00	m
Draft Maximum	5.30	m
Complement	35	persons
Rescue	25	persons

CAPACITIES

Ballast / Drill	980	m ³
Fresh Water	585	m ³
Fuel Oil (Ship)	350	m ³
Fuel Oil (Cargo)	390	m ³
Mud / Recovery Oil	400	m ³
Clear Deck Space	415	m ²

MACHINERY

Main Generators	3 x 2200 kW Caterpillar 3516C
Aux Generators	2 x 500 kW Caterpillar C18
Azimuth Thrusters	2 x 2200 kW Steerprop SP 45D
Bow Thruster	2 x 560 kW Schottel STT 2FP
Ballast / Drill Water Pump	1 x 150 m ³ /h @ 70 m Head
Fresh Water Pump	1 x 100 m ³ /h @ 70 m Head
Cargo Fuel Oil Pump	2 x 150 m ³ /h @ 70 m Head
Mud Pump	2 x 100 m ³ /h @ 15 bar
Water Maker	1 x 12 tonnes per day
Sewage Plant	35 persons

DECK MACHINERY

Fwd Winch / Windlass	1 x 150 t Brake Holding Macgregor
Main Tow Winch	1 x 250 t Brake Holding Waterfall Macgregor
Tugger Winch	2 x 10 t Macgregor
Capstan	2 x 5 t Macgregor
Chain Jaw	1 x 11 t Pull
Shark Jaw	1 x 250 t Macgregor
Tow Pins	1 x 250 t Macgregor
Storage Reel	1 x 1200 m x 60 dia Macgregor
Deck Crane	1 x 10 t @ 15 m Palfinger

RADIO & NAVIGATION EQUIPMENT

Radar	FAR 2817 & FAR 2837S
ECDIS	2 x FMD-3300
VDR	1 x VR7000
Oil Spill Radar	Foil 200
BNWAS	BR-500
VHF, MF/HF, SATC	Conform to GMDSS Area 1, 2 & 3
Inmarsat F	Felcom 500
VSAT	No Decoder

EXTERNAL FIRE FIGHTING CLASS 1 FFS

Pumps	2 x 1730 m ³ /h
Monitors	2 x 1200 m ³ /h
Water Curtain	1 set
Dispersant System	2 x 6 m Spray Boom

DYNAMIC POSITIONING SYSTEM CLASS 2

System	Kongsberg K-Pos
Referencing	Gyro x 3, DGPS x 2, Cyscan x 1

HIPAP Compartment with valve ONLY

MAIN PARTICULARS

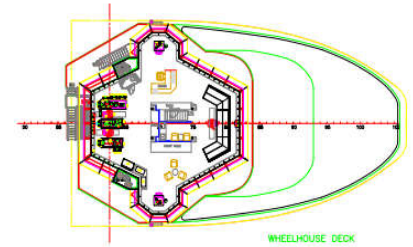
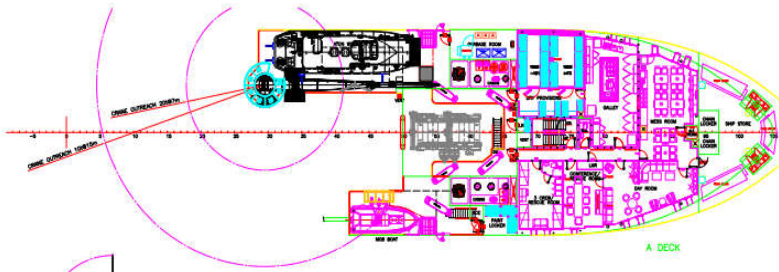
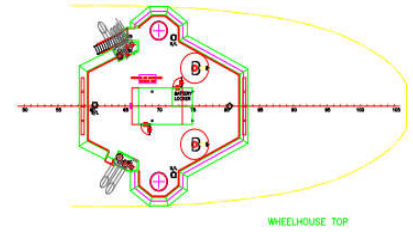
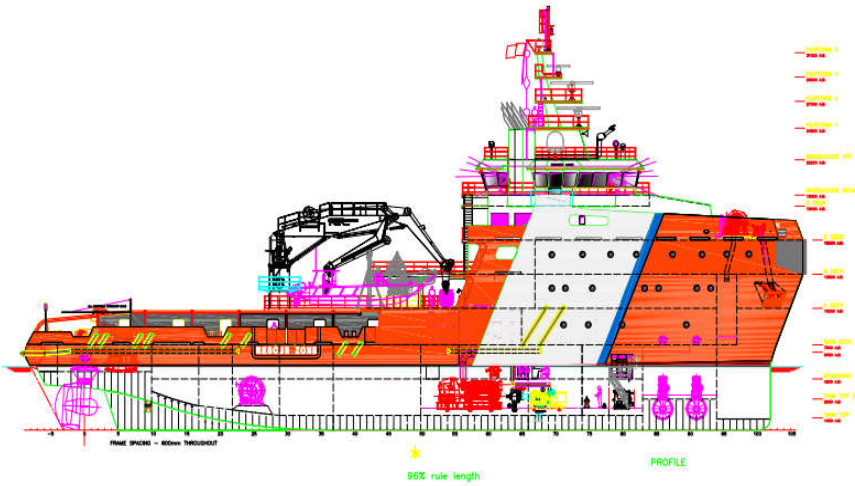
Classification	Bureau Veritas
Speed	13.5 Knts
Notation	I <input checked="" type="checkbox"/> Hull <input checked="" type="checkbox"/> Mach Tug/Supply Vessel, Anchor Handling, Oil Product FP>60o ^c , Fire Fighting Class 1-Water Spraying, Offshore Support Vessel, SPS35, <input checked="" type="checkbox"/> AUT-UMS, Cleanship Super (BWT, NDO 15 days, OSW-5ppm), <input checked="" type="checkbox"/> Dynapos AM/AT R, Inwater Survey

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SHIP DESIGN & MARINE CONSULTANCY

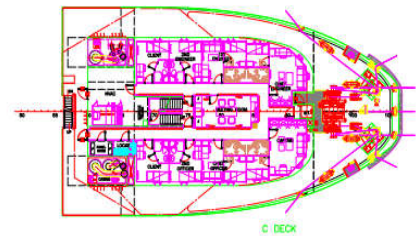
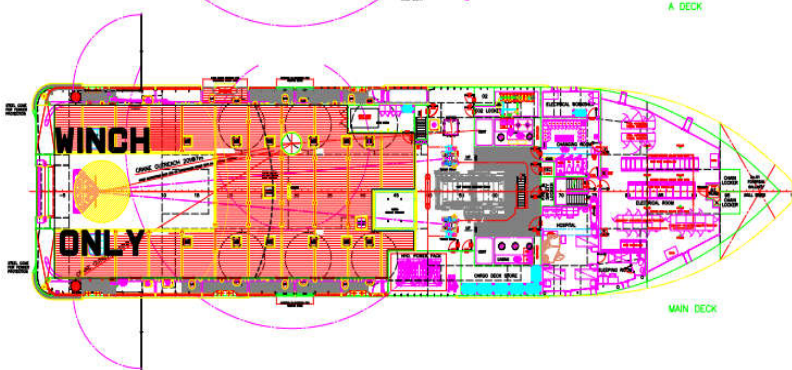
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A DECK

WHEELHOUSE DECK



MEZZANINE DECK

B DECK

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