



SPECIFICATION'S



Island Girl

ABS Class – Environmental
79M Dynamic Positioning II
Diesel Electric Rolls-Royce UT-Design™
For Unrestricted Service

Ref: CSM-28

OUR GLOBAL PRESENCE

MIDDLE EAST | INDIAN SUBCONTINENT | WEST & EAST AFRICA | SOUTHEAST ASIA

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DESIGNED FOR OPTIMIZED ENERGY EFFICIENT PERFORMANCE & CARE

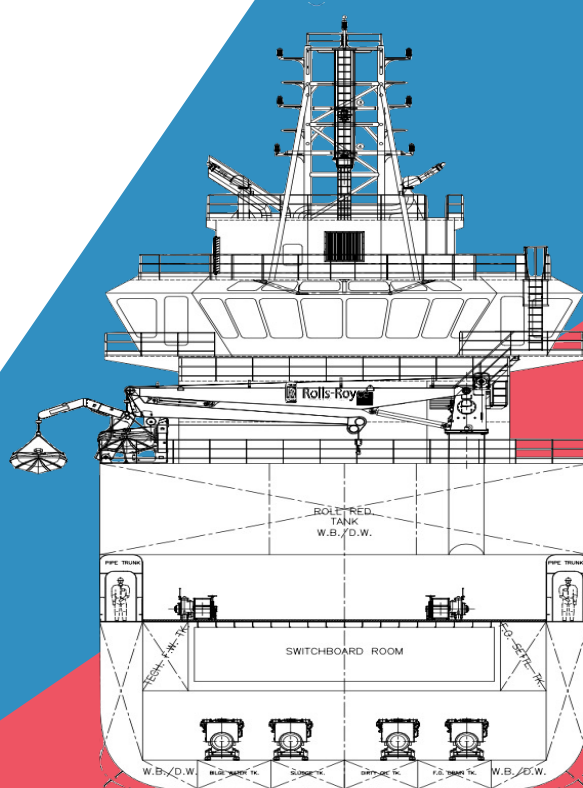
Our commitment to environmental sustainability is further strengthened and exemplified by the recent addition to our fleet: the Rolls-Royce UT-Design™ Vessel, featuring advanced technologies such as diesel-electric propulsion and the Rolls-Royce DP system, along with an anti-roll system and BWT. This remarkable vessel represents a significant step forward in our efforts to reduce our ecological footprint. With advanced design and cutting-edge technology, it ensures optimal fuel efficiency and minimizes emissions, making it an environmentally friendly choice.

The Rolls-Royce Marine UT-Design™ equipped vessel incorporates various innovative features that contribute to its eco-friendliness. Its state-of-the-art diesel-electric propulsion system maximizes energy efficiency, reducing fuel consumption and greenhouse gas emissions. Additionally, the vessel's hull design has been carefully engineered to minimize drag and resistance, resulting in improved overall performance and reduced fuel usage.

Moreover, the Rolls-Royce UT-Design™ vessel is equipped with advanced management systems that effectively handles and treats waste generated on board. This ensures proper disposal and prevents any potential harm to marine ecosystems. Furthermore, it adheres to strict environmental regulations and standards, surpassing industry requirements. The Vessel is equipped with an anti-roll system, which actively reduces vessel roll motions. This system improves crew comfort, minimizes the risk of accidents, enhances operational efficiency, and minimizes potential environmental impacts. Additionally, the BWT ensures the prevention of the transfer of invasive species and harmful marine organisms by treating ballast water and safely discharging it.

By acquiring the Rolls-Royce UT-Design™ vessel, we not only enhance our operational capabilities but also showcase our unwavering commitment to a greener future. We strive to lead by example and inspire others in the maritime industry to prioritize environmental sustainability.

Together, we can make a positive impact on the planet, preserving its natural resources for generations to come.



Particulars believed to be correct but not guaranteed.

CSM & MVA reserved the right to amend the specifications without notification.

GENERAL INFORMATION Rolls-Royce UT-Design TM

Year Built	2018
Last DD	Aug / Sep 2023
Current & Last Charter	ONGC(McDermott), PTTEP (Methanol Carriage), Petronas / Shell Malaysia
Built Under	DNV Classification
	DNV ✕1A1 Fire fighter(I) BIS BWM(T) Supply Vessel Clean(Design) COMF(C-3, V-3) DK (+) DYNPOS(AUTR) E0 HL(2.8) LFL(*) NAUT(OSV(A)) OILREC SF
Current Class	ABS A1, Offshore Support Vessel (FFV1, Supply - HNLS), AMS ABCU, DPS 2 BWT, ENVIRO, HAB (I), HDC (5t/m2, main deck Fr.-8 to Fr.79), HLC (2.8, Circular Tk. No. 1 - 8), OSR-C2, UWILD

DIMENSIONS

Length Overall	78.7 m
Breadth	16 m
Depth	7 m
Draft Max:	5.8 m
GRT/NT/DWT	2638/984/3139

MACHINERY (Diesel Electric)

Propulsion	2 x 1470 KW Abt. 2940 Kw Rolls-Royce US 205 CP
Main Gen:	4 x 994kW CAT C 32 ACERT V8 4 stroke USA 440V 3Ph 60 Hz
Emergency Generator	1 x 99ekW CAT USA 440V 3Ph 60 Hz
Bow Thrusters	2 x 10+ T Rolls-Royce tunnel thrusters type TT1850 DPN CP

SPEED

Maximum Speed:	14.5 knots
Service Speed	12 knots
Economy Speed	11 knots

ACCOMMODATION

Total Bunks	28 8x1 8x2 1x4
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Accommodation is fully air-conditioned Comf (C-3, V-3) DNV & ABS Class approved

TOTAL CAPACITIES Abt

Fuel Oil	884 m3	Fuel Oil:	1x 170 m3/hr @ 90 m head
Base Oil	160 m3	Base Oil:	1x 100 m3/hr @ 90 m head
Fresh Water	465 m3	Fresh Water:	1x 150 m3/hr @ 90 m head
Recovery Oil	1101 m3	Drill:	1x 150 m3/hr @ 90 m head
Ballast Water/Drill:	1599 m3	Dry Bulk:	2x 22.8 m3/min @ 5.5 bar
Dry Bulk	251 m3	Mud:	2x 100 m3/hr @ 180 m head
Mud / Brine	818 m3	Methanol:	2x 80 m3/hr @ 90 m head
Methanol	135 m3	Brine:	1x 75 m3/hr @ 180 m head
Deck Area Total / Wooden	730 m2 680 m2		

DECK EQUIPMENT

Capstan: 2x9 T Rolls-Royce Brattvaag

Winch: Rolls-Royce Brattvaag

FIRE FIGHTING & LSA EQUIPMENT

As per SOLAS

FIFI

Pump: 2x 1600 m3/hr @ 135m Monitor: 2x 1200 m3/hr (water)
Oil Dispersant - 2x 6m spray booms with nozzles

RADIO AND NAVIGATION EQUIPMENT

Navigation Radars, Magnetic Compass, Gyro Compasses, DGPSs, AIS Autopilot, Echo Sounder, Speed Log, Navtex, Weather Fax SSAS, BNWAS, 2x ECDIS

Communication GMDSS A1+A2+A3, & SPACEX STARLINK

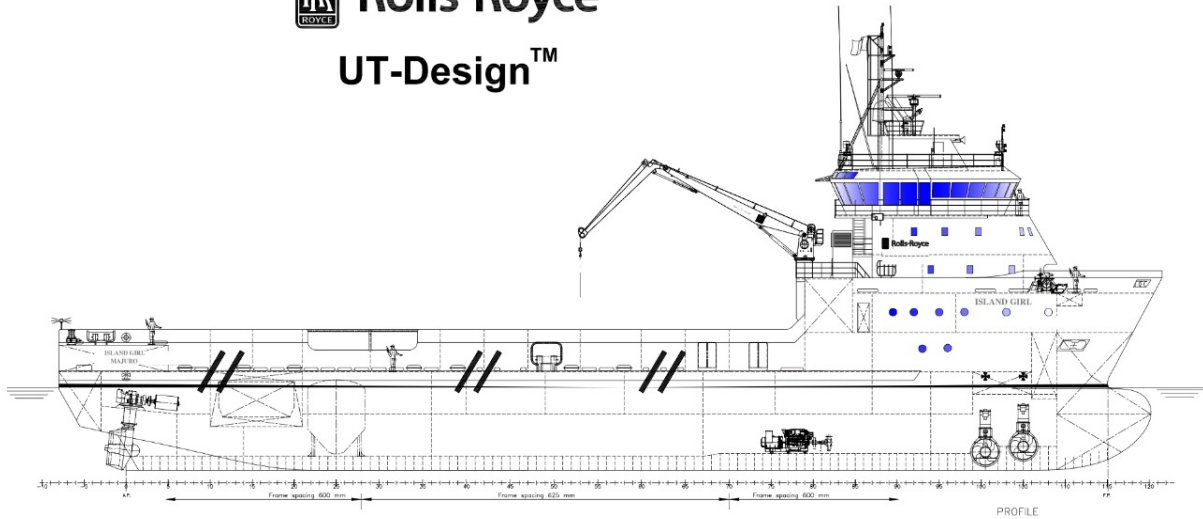
Rescue Boat 1 X 6 Men DNV / ABS Class



Environmental Class *Clean (Design)* Notation 79M Dynamic Positioning II Diesel Electric Rolls-Royce UT-Design™ For Unrestricted Service

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 **Rolls-Royce**
UT-Design™



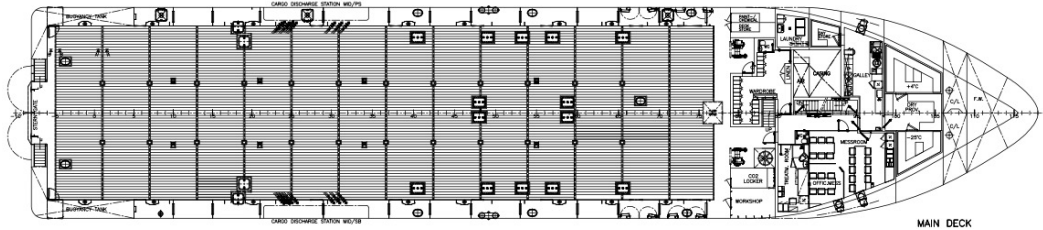
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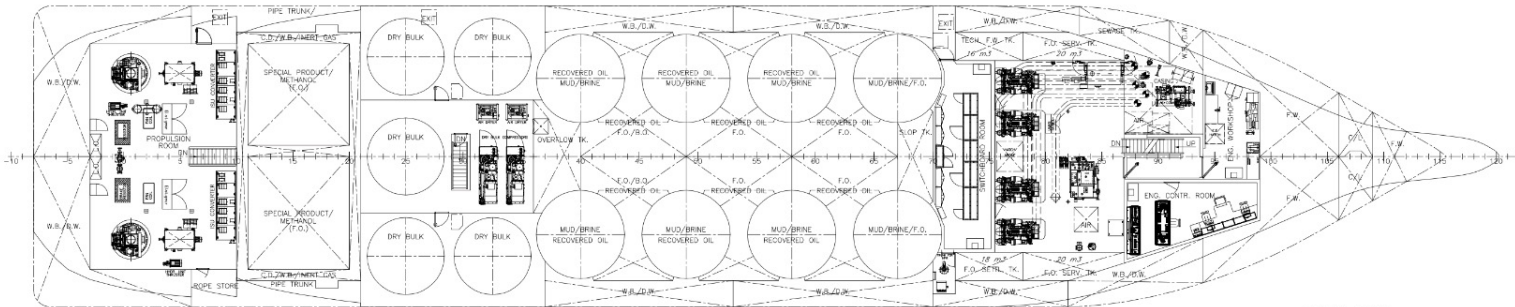
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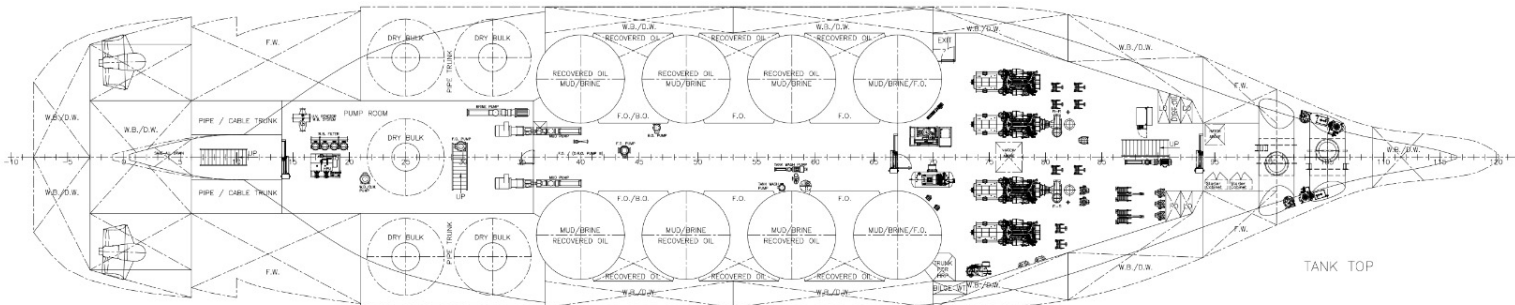
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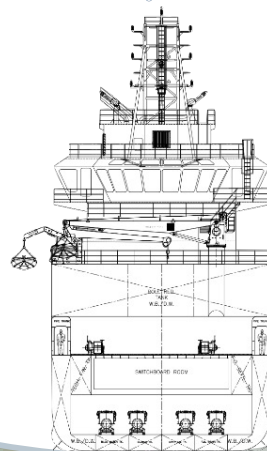
MAIN DECK



TWEEN DECK



TANK TOP



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