

MO 2



MAINPRIZE OFFSHORE
Offshore Maritime Support



Designed by Tecknicraft, NZ – The MO2 was designed and built to perform a multitude of tasks, including crew transfer, offshore bunkering and cargo operations. Capable of transferring personnel in 1.75m Hs.

Exceptional heavy cargo transfers are possible due to her large cargo carry capacity of 164m² deck space and 45-ton payload.

General

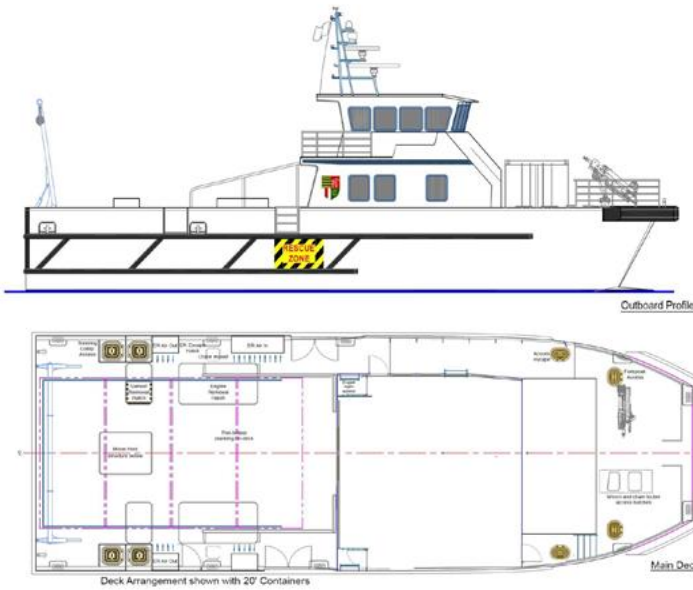
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|---------------|---------------------------------|
| DESIGN: | Teknicraft – NZ |
| CONSTRUCTION: | Aluminum |
| FLAG: | UK |
| CLASS: | RINA – 60Nm |
| CAPACITY: | 12 Industrial personnel, 3 crew |
| MMSI: | 235111522 |
| CALL SIGN: | 2IOR9 |

Dimensions

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|---------------------|-------------------|
| LENGTH OVERALL: | 25.25m |
| BEAM: | 9.5m |
| DRAUGHT: | 2.3m |
| FUEL CAPACITY: | 55,000Ltrs |
| WATER CAPACITY: | 15,000Ltrs |
| CARGO AREA FWD: | 35m ² |
| CARGO CAPACITY FWD: | 10t |
| CARGO AREA AFT: | 106m ² |
| CARGO CAPACITY AFT: | 30t |

Propulsion

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|---------------|--------------------|
| MAIN ENGINES: | 2x Caterpillar C32 |
| MAX POWER: | 2396 kW |
| MAX RPM: | 2300 RPM |
| GEARBOXES: | 2x ZF |
| PROPULSION: | Fixed pitch |
| BOW THRUSTER: | Hydraulic |



Bridge Systems

| | |
|---------------------------|--|
| MAIN RADAR: | Furuno DRS4a |
| AUX RADAR: | Furuno 1954c-bb |
| MF-HF: | Furuno FS-1571 MF/HF GMDSS |
| ECDIS 1: | N/A |
| ELECTRONIC CHART DISPLAY: | Furuno Navnet |
| SOUNDER: | FC V1150 |
| HEADING: | Furuno SC50, Koden sat compass, Furuno PG700 |
| POSITION: | Furuno SC30, Furuno GP30, Koden |
| AIS: | Furuno FA150 Class A |
| CCTV: | Dedicated recording system |
| INTERNET: | Wi-Fi / 4G |
| VHF: | 3x Sailor |

Electrical Equipment

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|-------------|-------------------------|
| GENERATOR: | Caterpillar C2.2, 21 kW |
| POWER UNIT: | Master-Volt inverter |

Performance

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|-----------------------------|----------|
| SPRINT SPEED: | 24 Kts |
| FUEL BURN - SPRINT SPEED: | 400 L/Hr |
| CRUISING SPEED: | 21 Kts |
| FUEL BURN – CRUISING SPEED: | 290 L/Hr |
| TRANSFER LIMIT: | 1.75m Hs |
| BOLLARD PUSH: | 15.2t |

Additional Equipment

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|----------------|-------------------------|
| FUEL TRANSFER: | 535 Liters per Min |
| CRANE: | Grove M977 – 750kg @7 m |
| BOW FENDER: | RG Seasight |
| STERN FENDER: | RG Seasight |

Welfare Onboard

Built with passenger comfort in mind with fully adjustable suspension seats throughout. A comfortable and practical mess area complete with a fully functioning galley. Additional features include: crew cabins; showers; dual toilets; air conditioning; heating; and generous space for luggage and spares.



Certification Number 11166