

MO 1



MAINPRIZE OFFSHORE
Offshore Maritime Support



Designed by Tecknicraft, NZ – The MO1 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 155m² deck space and 34-ton payload.

General

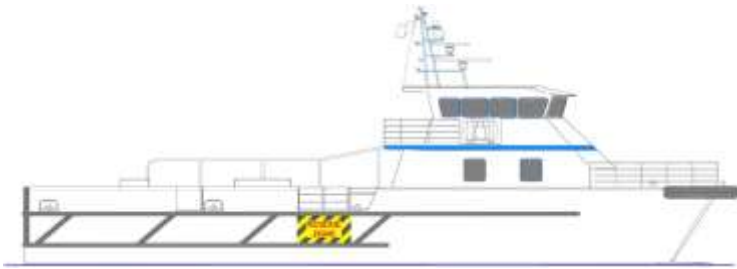
DESIGN:	Tecknicraft - NZ
CONSTRUCTION:	Aluminum
FLAG:	UK
CLASS:	MCA Workboat – 60Nm
CAPACITY:	12 Industrial Personnel, 3 Crew
MMSI:	235102532
CALL SIGN:	2HCP9

Dimensions

LENGTH OVERALL:	25.25m
BEAM:	9.5m
DRAUGHT:	2.3m
FUEL CAPACITY:	40,000Ltrs
WATER CAPACITY:	10,000Ltrs
CARGO AREA FWD:	32m ²
CARGO CAPACITY FWD:	4t
CARGO AREA AFT:	123m ²
CARGO CAPACITY AFT:	30t

Propulsion

MAIN ENGINES:	2x Caterpillar C32
MAX POWER:	2388 kW
MAX RPM:	2300 Rpm
GEARBOXES:	2x ZF
PROPULSION:	Fixed Pitch
BOW THRUSTER:	Hydraulic



Bridge Systems

MAIN RADAR:	Furuno Navnet 3D
AUX RADAR:	Furuno Navnet VX2
MF-HF:	Sailor 6301
ECDIS 1:	N/A
ELECTRONIC CHART DISPLAY:	Furuno Navnet
SOUNDER:	Furuno FCV 295
HEADING:	Furuno GP32
POSITION:	Furuno GP32
AIS:	Furuno FA150 Class A
CCTV:	Sanea EN81VL
INTERNET:	Wi-Fi / 4G
VHF:	2x Icom M423

Electrical Equipment

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

Performance

SPRINT SPEED:	28 Kts
FUEL BURN - SPRINT SPEED:	400 L/Hr
CRUISING SPEED:	22 Kts
FUEL BURN – CRUISING SPEED:	290 L/Hr
TRANSFER LIMIT:	1.75m Hs
BOLLARD PUSH:	15.2t

Additional Equipment

FUEL TRANSFER:	Call for details
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