

MO 7



MAINPRIZE OFFSHORE
Offshore Maritime Support



Designed by Walker Marine Design, UK – The MO7 was designed and built to perform a multitude of tasks, including crew transfer, offshore bunkering and cargo operations. Capable of transferring personnel in 2m Hs, the MO7 is one of only a handful of vessels capable of achieving this milestone in passenger transfer.

Exceptional heavy cargo transfers are possible due to her large cargo carry capacity of 190m² deck space and 41-ton payload.

General

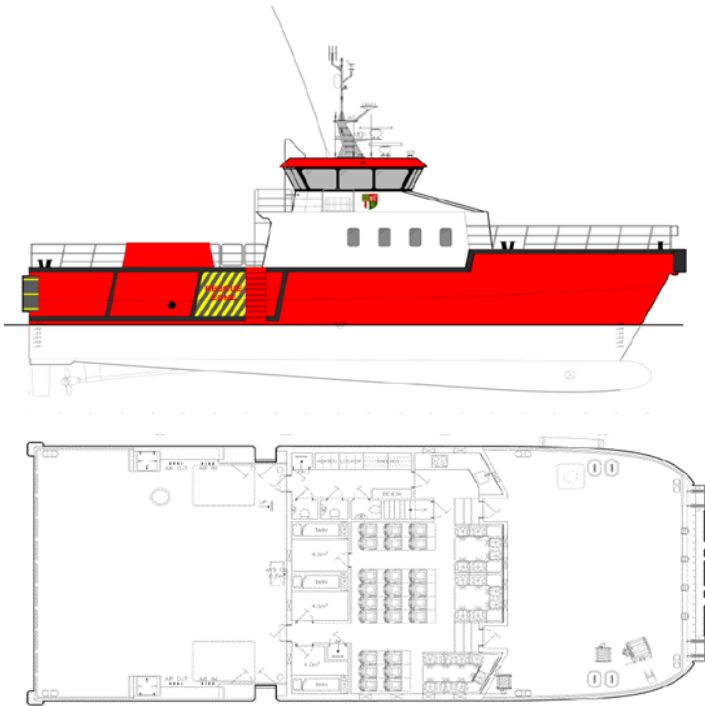
DESIGN:	Walker Marine Design, UK
CONSTRUCTION:	Aluminum
FLAG:	UK
CLASS:	BV – HSOSC 60Nm
CAPACITY:	24 Industrial personnel, 3 crew
MMSI:	232033201
CALL SIGN:	MIQ06

Dimensions

LENGTH OVERALL:	26.0m
BEAM:	11.0m
DRAUGHT:	3.0m
FUEL CAPACITY:	45,000Ltrs
WATER CAPACITY:	20,000Ltrs
CARGO AREA FWD:	65m ²
CARGO CAPACITY FWD:	7t
CARGO AREA AFT:	125m ²
CARGO CAPACITY AFT:	34t

Propulsion

MAIN ENGINES:	2x Caterpillar C32
MAX POWER:	2387 kW
MAX RPM:	2300 RPM
GEARBOXES:	2x ZF
PROPULSION:	Controllable pitch - CPP
BOW THRUSTER:	Hydraulic



Bridge Systems

MAIN RADAR:	Furuno RCU028
AUX RADAR:	Furuno NavNet TZ2
MF-HF:	Sailor 6301
ECDIS 1:	ASUS NavMaster v9
ELECTRONIC CHART DISPLAY:	Furuno NavNet
SOUNDER:	FC V1150
HEADING:	Furuno SC702
POSITION:	Furuno GP170
AIS:	Furuno FA150 Class A
CCTV:	Dedicated recording system
INTERNET:	Wi-Fi / 4G
VHF:	2x Sailor 6222

Electrical Equipment

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

Performance

SPRINT SPEED:	27 Kts
FUEL BURN - SPRINT SPEED:	450 L/Hr
CRUISING SPEED:	23 Kts
FUEL BURN – CRUISING SPEED:	350 L/Hr
TRANSFER LIMIT:	2.0m Hs
BOLLARD PUSH:	22t

Additional Equipment

FUEL TRANSFER:	280 Liters per Min
CRANE:	Call for info
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.



**BUREAU
VERITAS**

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Certification Number 11166