







Survey & Positioning

COMPREHENSIVE SERVICES FOR A RANGE OF OFFSHORE & COASTAL SECTORS



Geophysical & hydrographic survey services for a range of offshore applications



- 
Marine Renewables
- 
Energy
- 
Civil Engineering
- 
Ports & Harbours
- 
Inland Waterways
- 
Marine Aggregates

A complementary offering within MRE's existing range of offshore services, providing a wide range of survey capabilities to the marine renewable energy, civils and coastal/offshore markets.

In response to the increasing demand in the offshore industry, our new survey department is well-equipped to offer a suite of services across a range of sectors.

Hydrographic Survey
Ultra high-resolution hydrographic survey data for a range of applications. MRE is able to mobilise our own vessels or vessels of opportunity to best suit the client and their specific requirements.

Construction Support
Provision of precise surface and subsea positioning services during installation and decommissioning of marine assets. Bespoke systems are designed to aid and inform marine operations, for example in energetic high flow environments.

Quality
MRE operate management systems which are certified by DNV GL to ISO 9001, ISO 14001 & ISO 45001 in addition to specialised survey standards. Quality is at the very core of the survey services we provide.

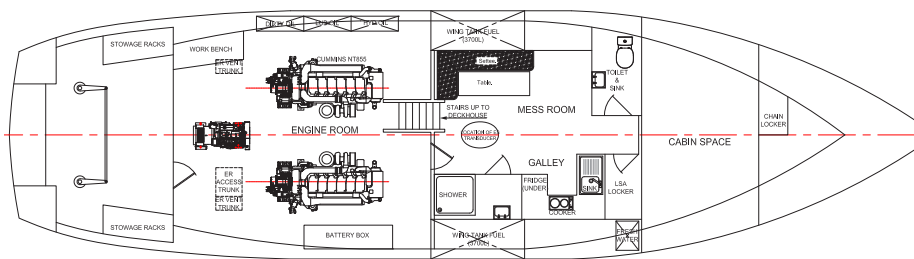
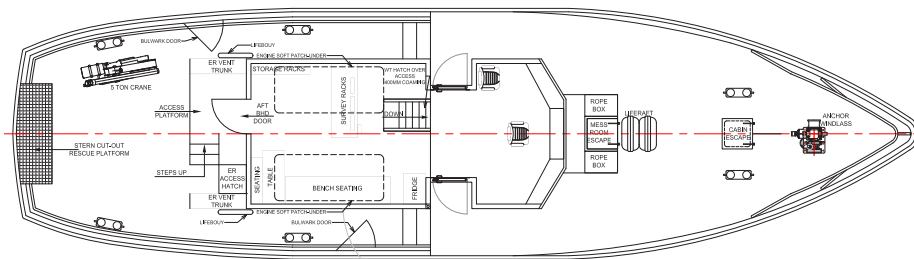
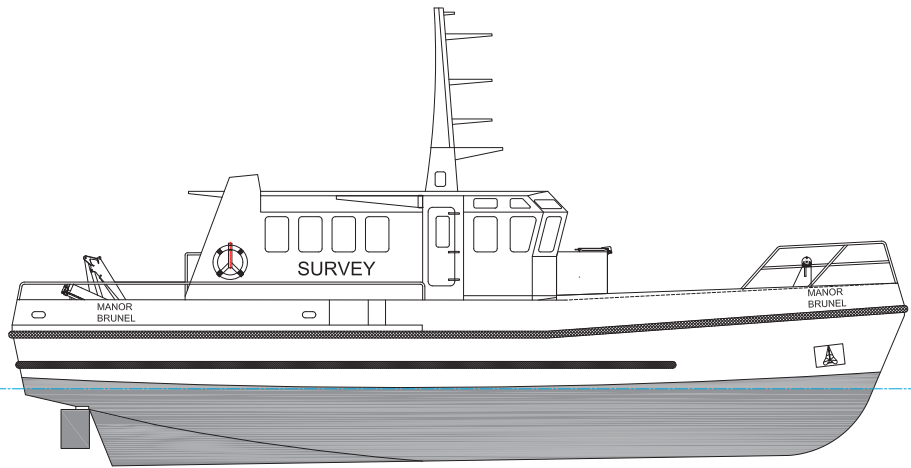
Vessel Fleet
With MRE's dedicated survey vessel in addition to its fleet of offshore support vessels, we can quickly mobilise any vessel for a wide variety of survey activities. We also make regular use of third-party vessels of opportunity where specific project requirements may dictate alternative vessel characteristics.

SURVEY CAPABILITIES	
<input checked="" type="checkbox"/>	Construction Support
<input checked="" type="checkbox"/>	Hydrographic Survey
<input checked="" type="checkbox"/>	Asset Inspection (Subsea & Topsides)
<input checked="" type="checkbox"/>	Geophysical Survey
<input checked="" type="checkbox"/>	ROV & Diver Positioning
<input checked="" type="checkbox"/>	Precise Vessel/Platform Positioning
<input checked="" type="checkbox"/>	Cable & Pipe Burial Assessments
<input checked="" type="checkbox"/>	UXO Survey & Interpretation
<input checked="" type="checkbox"/>	pUXO Investigation Support
<input checked="" type="checkbox"/>	Real-time Cable Burial Monitoring
<input checked="" type="checkbox"/>	Scour Monitoring
<input checked="" type="checkbox"/>	Site Surveys (Hazard/Debris)
<input checked="" type="checkbox"/>	Route Engineering Support
<input checked="" type="checkbox"/>	Coastal Monitoring
<input checked="" type="checkbox"/>	LiDAR
<input checked="" type="checkbox"/>	Pipe & Cable Tracking

Manor Brunel

19-METRE MULTI-PURPOSE SURVEY VESSEL

With an A-frame and additional port and starboard poles available, the vessel can also mobilise for towfish work with USBL tracking and sub-bottom profiling.



GENERAL SPECIFICATION

Length overall	19.6 metres
Beam	5.8 metres
Maximum draft	2.0 metres
Material	Steel
Maximum speed	14.0 knots
Fuel capacity	8,100 litres
Gross tonnage	41.5 tonnes
Water capacity	600 litres

MACHINERY

Main engines	2x Cummins NT855M 720hp
Propulsion	Drive shaft
Generator	1x Beta Marine Kubota 20kVA main + 7kVA aux

Deck crane	Copma 2000 75.2, 1.5 tonnes
A-frame	Available on request

SURVEY INSTRUMENTS

Inertial navigation system	Applanix POS MV WaveMaster II RM
Multibeam echosounder	RESON SeaBat T51-R (800kHz)
Singlebeam echosounder	Odom Echotrac E20 Dual Frequency
Sound velocity	SVP-70, Valeport SWIFT
GNSS	NovAtel MarinePak7 RTK
ADCP	RDI Workhorse Mariner (300kHz)
Gyrocompass	TSS MAHRS

CLASSIFICATION

Flag/Coding	UK Cat 2 (60 miles)
Personnel	6 + 2 crew

manorrenewableenergy

ABOUT MRE

Vessel provision, temporary power, survey operations and engineering solutions for the offshore industry.

www.mreltd.co.uk

OFFICE LOCATIONS

Portland
Portsmouth
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