

Navigation Data Collection CAPABILITY

Marico Marine collect marine navigation data utilising a variety of technology solutions for a variety of requirements (e.g. Maritime Coastguard Agency Marine Guidance Note 371 (M+F) requirements).

Data Collected

Data can be collected from dedicated shore based stations (manned/unmanned), or from vessels equipped for navigation survey vessels. Data collected includes;

- Automatic Information System data (AIS Ship Transponder);
- Radar data;
- Visual Observation;
- Weather data; and
- Survey operations data to comply with MCA/MarS Metadata requirements.

Data Collection Project Stages

- Site Survey;
- Develop Method Statement;
- Determine project aims;
- Map limitations;
- Determine equipment requirements;
- Risk Assess Survey;
- Undertake Survey – according to Marico standard survey procedures; and
- Decode and construct GIS database ready for our client to analyse the data.



Survey Equipment set up in Harbour Masters Office; NAREC Offshore Demonstrator Site, Blyth.

Experience -Shore Based

- MCA - Marine Environmental High Risk Areas – 5 surveys – Radar/AIS/Visual Dong Energy - Gunfleet Sands 2 – Radar/AIS/Visual – for MGN 371 (M+F)
- Marine Current Turbines - Skerries – Radar/AIS/Visual - for MGN 371 (M+F)
- Sustainable Energy Authority of Ireland – AMETS Wave Test Sites– Radar/AIS/Visual



Atlantic Marine Energy Test Site Survey, Belmullet, Ireland



Marico Marine specialist Navigation Survey Vessel FPV Morven

- Seagreen – Forth Estuary (network of AIS receivers) – AIS

Experience - Offshore Vessel Based

- MCA - Marine Environmental High Risk Areas – 4 surveys – Radar/AIS/Visual for MGN 371 (M+F) – FPV Morven
- Warwick Energy - Thanet Offshore Wind Farm surveys – Radar/AIS/Visual for MGN 371 (M+F) – FPV Morven
- Warwick Energy - Dudgeon Offshore Wind Farm surveys – Radar/AIS/Visual for MGN 371 (M+F) – Jubilee Fishing

- Greater Gabbard Offshore Wind farm– Radar/AIS/Visual for MGN 371 (M+F) – FPV Morven

Marine and Risk Consultants Ltd
MARICO House
Bramshaw
Southampton
SO43 7JB

Tel: +44 (0) 2380 811 133
E-mail: office@marico.co.uk

www.marico.co.uk



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