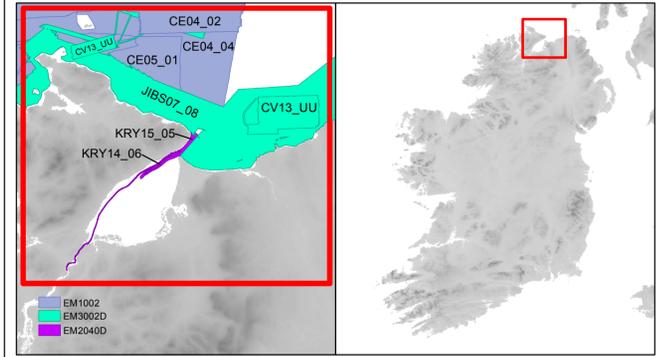


# INFOMAR PROGRAMME

## LOUGH FOYLE

### BACKSCATTER CHART 1:100,000



**LEGEND**

- + UTM grid intersection
- Gravity Core
- ▲ Day Grab
- Vibrocore
- ▼ VanVeen Grab
- ◆ Box Corer
- Shipex Grab
- ◆ Box Corer (Reineck)
- ◆ Hamon Grab
- Rock Dredge
- ⊕ Grab Sampler

**DATA ACQUISITION NOTES**

- EM2040D data (multibeam) acquired during surveys KRY15\_05 (2015) and KRY14\_06 (2014).
- EM3002D data (multibeam) acquired during surveys CV13\_UU (2013) and JIBS\_08 (2008).
- EM1002 data (multibeam) acquired during surveys CE05\_01 (2005), CE04\_04 (2004) and CE04\_02 (2004).
- Groundtruthing acquired by either grab, coring or underwater camera.
- Acquired survey data and leg reports can be found at [www.infomar.ie](http://www.infomar.ie).

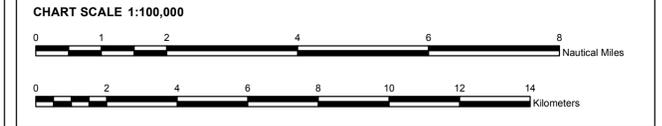
**GEODETTIC CONTROL**  
 Spheroid: WGS-84  
 Projection: Universal Transverse Mercator, Zone 29 N, CM 9° W

**HORIZONTAL CONTROL**  
 CELTIC EXPLORER & CELTIC VOYAGER  
 2011 onwards  
 Positioning system: C-Nav 3050 receiver with DGNS corrections.

Pre-2011  
 Primary Positioning System: Fugro Starfix 3100LRS receiver, Fugro Starfix HP corrections.  
 Secondary Positioning System: Seatex Seapath 200 using Fugro Starfix Spot DGPS corrections.

**KEARY**  
 Positioning system: Applinix POS-MV with DGPS corrections.

**VERTICAL CONTROL**  
 Source data is reduced to Lowest Astronomical Tide (LAT) based on UKHO Vertical Offshore Reference Frame (VORF).



**Disclaimer**  
 This chart is purely representational and is designed for general information and strategic planning only. Chart content is based on data available to the GSI and the MI at the time of compilation. The accuracy of the data used, or interpolations made, is neither stated nor implied. Evaluation of specific sites will normally require further and more detailed assessments and will frequently require site investigations.

**NOT TO BE USED FOR NAVIGATION**

Chart Reference  
 INF18\_Foyle\_BS\_100\_R01

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 Land elevation derived from the Shuttle Radar Topography Mission 2000, led by NGA and NASA

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REVISION	DATE	DESCRIPTION	DRAWN BY	PROCESSED BY	APPROVED BY
Revision 01	Apr2018	Final	JK	FS/SS	FS

Integrated Mapping for the Sustainable Development of Ireland's Marine Resources

National Development Plan 2007 - 2013