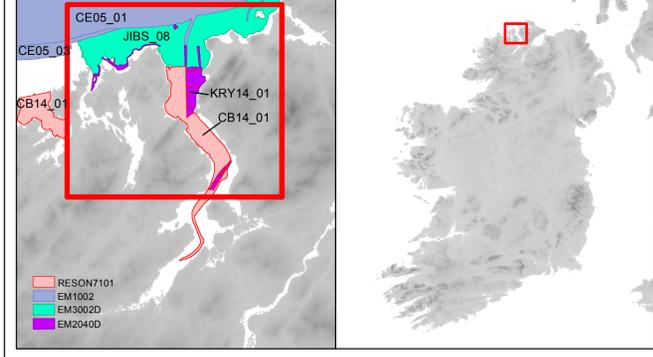


INFOMAR PROGRAMME

MULROY BAY & LOUGH SWILLY

BACKSCATTER CHART 1:50,000 (1 of 2)



LEGEND

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

High Reflectivity

Low Reflectivity

DATA ACQUISITION NOTES

- EM2040D data (multibeam) acquired during survey KRY14_01 (2014).
- Reson 7101 data (multibeam) acquired during survey CB14_01 (2014).
- EM3002D data (multibeam) acquired during survey JIBS_08 (2008).
- EM1002 data (multibeam) acquired during surveys CE05_03 (2005) and CE05_01 (2005).
- Groundtruthing acquired by either grab, coring or underwater camera.
- Acquired survey data and leg reports can be found at 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 & COSANTÓIR BRADÁN
 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
 INF16_MU_SW_BS_50_1of2_R01

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Revision 01	May2016	Final	JK	FS/SS	FS

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

GSI
 Geological Survey of Ireland

NDP
 National Development Plan 2007 - 2013