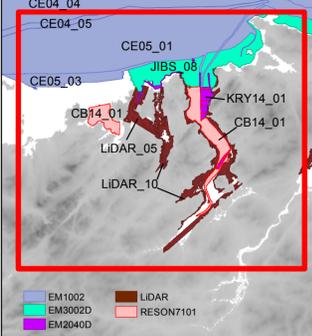


INFOMAR PROGRAMME

MULROY BAY & LOUGH SWILLY

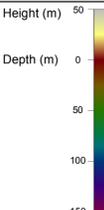
SHADED RELIEF ILLUMINATION NORTH WEST 1:100,000

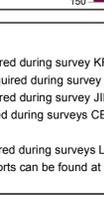
LEGEND

- UTM grid intersection
- 0m contour line

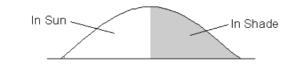
Height (m)



Depth (m)



Shaded Relief Illumination North West



In Sun In Shade

Azimuth 315°, Angle 35°, Vertical exaggeration 4

DATA ACQUISITION NOTES

1. EM2040D data (multibeam) acquired during survey KRY14_01 (2014).
2. Reson 7101 data (multibeam) acquired during survey CB14_01 (2014).
3. EM3002D data (multibeam) acquired during survey JIBS_08 (2008).
4. EM1002 data (multibeam) acquired during surveys CE05_03 (2005), CE05_01 (2005), CE04_05 (2004) and CE04_04 (2004).
5. LIDAR data (airborne laser) acquired during surveys L10 (2010) and L05 (2005).
6. 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 DGNSS 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: Applanix POS-MV with DGPS corrections.

LIDAR SYSTEM(S)

Digital Surveying System: Pelydryn HawkEye IIB (2010) and Tenix LADS Mk II Airborne System (2005).
 Primary Positioning System: Applanix PosAV 410 augmented with Omnistar VBS (2010) and Ashtech GG24 GPS receiver with WADGPS corrections from Fugro Omnistar (2005).

VERTICAL CONTROL

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

CHART SCALE 1:100,000



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_SR_NW_100_R01

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REVISION	DATE	DESCRIPTION	DRAWN BY	PROCESSED BY	APPROVED BY
Revision 01	May2016	Final	JK	FS/SS	FS

