



## INFOMAR PROGRAMME

### MULROY BAY & LOUGH SWILLY

#### SHADED RELIEF ILLUMINATION NORTH EAST 1:100,000

**LEGEND**

- UTM grid intersection
- 0m contour line

Height (m)

Depth (m)

Shaded Relief Illumination North East

**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](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 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\_NE\_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	May2016	Final	JK	FS/SS	FS