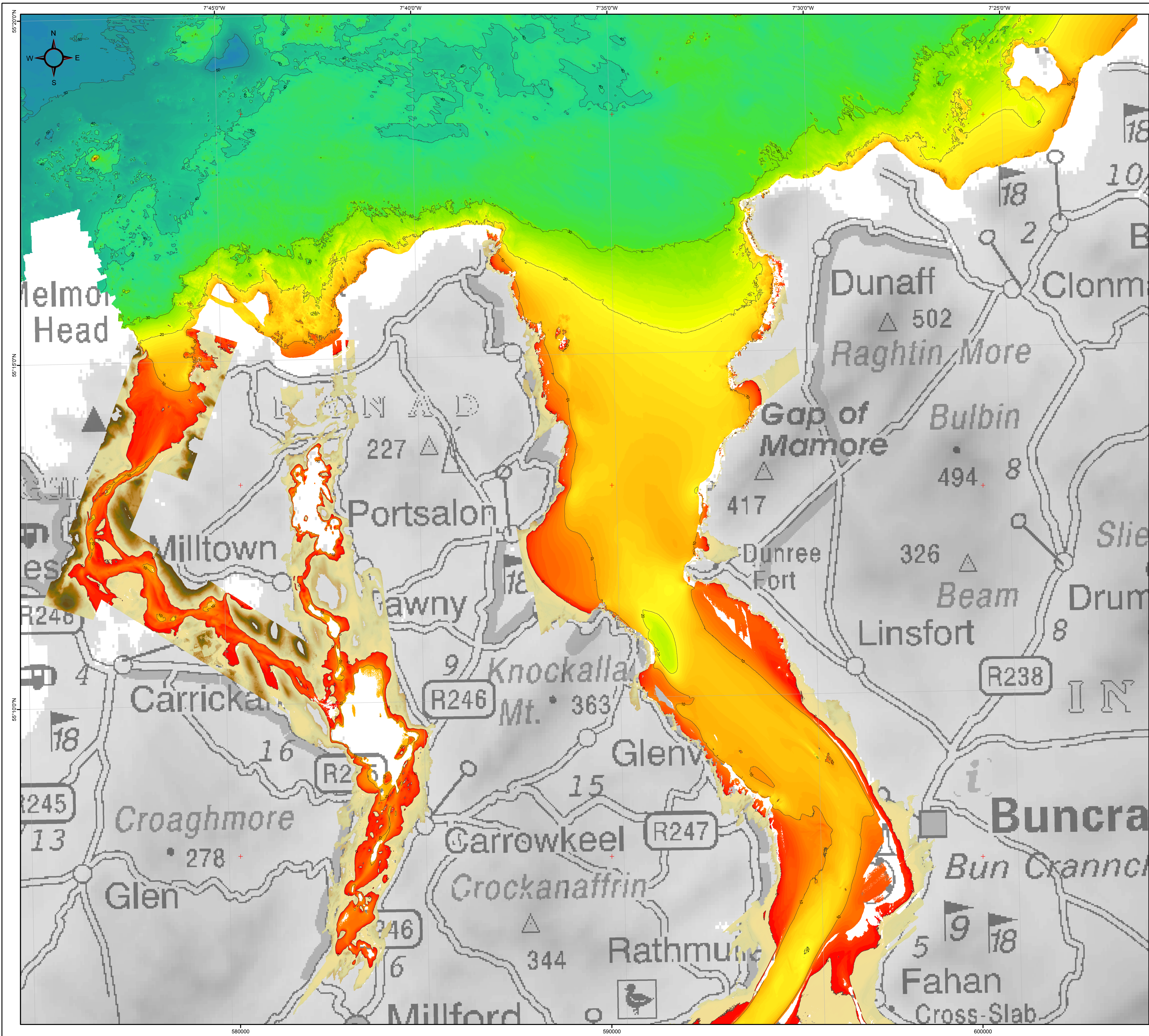




INFOMAR PROGRAMME

MULROY BAY & LOUGH SWILLY

BATHYMETRIC CONTOUR CHART 1:50,000 (1 of 2)

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).
- LIDAR data (airborne laser) acquired during surveys Li10 (2010) and Li05 (2005).
- Acquired survey data and leg reports can be found at www.infomar.ie

GEODETIC 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: Applinix 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: Applinix 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 1:50,000

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_BY_50_1of2_R01

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

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

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

Marine Institute
Foras na Mara

GSI
Geological Survey of Ireland
Sondúcháirí Geolaíoch na hÉireann

NDP
National Development Plan 2007 - 2013