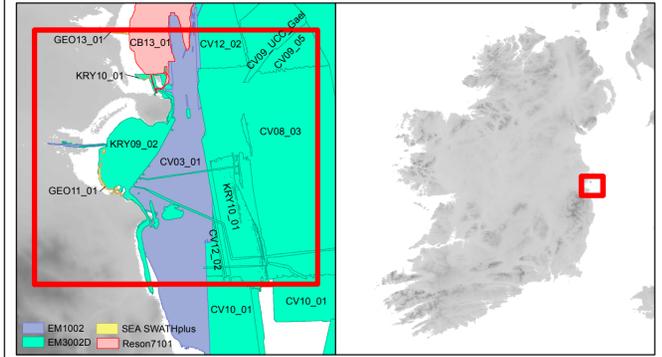


INFOMAR PROGRAMME

DUBLIN BAY - BRAY TO MALAHIDE

SHADED RELIEF ILLUMINATION NORTH EAST 1:50,000



LEGEND

- UTM grid intersection
- 0m contour line

Height (m)
50
0
50
100
150

Depth (m)
0
50
100
150

Shaded Relief Illumination North East

In Shade In Sun

Azimuth 45°; Angle 35°; Vertical exaggeration 4

DATA ACQUISITION NOTES

- EM1002 data (multibeam) acquired during survey CV03_01 (2003).
- EM3002 data (multibeam) acquired during surveys CV12_02 (2012), KRY10_01 (2010), CV10_01 (2010), KRY09_02 (2009), CV09_05 (2009), CV09_UCC_Gael (2009) and CV08_03 (2008).
- SEA SWATHplus data (multibeam) acquired during survey GEO13_01 (2013) and GEO11_01 (2011).
- RESON7101 data (multibeam) acquired during survey CB13_01 (2013).
- 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 VOYAGER

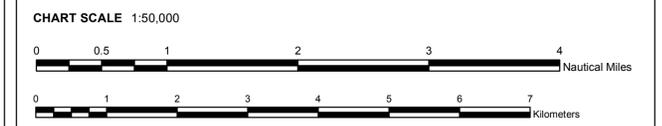
2011 onwards
Positioning System: C-Nav 3050 receiver with DGNSS corrections.
Pre-2011
Primary Positioning System: Fugro Starfix 3100LRS receiver, Fugro Starfix HP corrections.
Secondary Positioning System: Seatex Seapath 200 using Fugro Starfix Spot DGPS corrections.

KEARY & GEO & 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_DU_SR_NE_50_R2

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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 02 | Feb 2016 | Final | JK | FS/SS | FS |
| Revision 01 | Dec 2011 | Final | NOB | FS/SS | TF/KV |

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

Marine Institute
Foras na Mara

GSI
Geological Survey of Ireland
Geological Institute of Ireland

NDP
National Development Plan 2007 - 2013