



# INFOMAR PROGRAMME

## CORK HARBOUR

### SHADED RELIEF ILLUMINATION NORTH WEST 1:50,000

EM3002D

SEA SWATHplus

RESON 7101

LEGEND

- UTM grid intersection
- 0m interval contour

Height (m) 100

Depth (m) 0

Shaded Relief Illumination North West

In Sun

In Shade

Azimuth 315°; Angle 35°; Vertical exaggeration 4

#### DATA ACQUISITION NOTES

- EM3002D data (multibeam) acquired during surveys KRY12\_05 (2012), CV12\_03 (2012), CV10\_02 (2010), KRY10\_02 (2010) and CV08\_02 (2008).
- SEA SWATHplus data (interferometric sonar) acquired during survey GEO12\_04 (2012).
- RESON 7101 data acquired during survey CB12\_01 (2012).
- Acquired survey data and leg reports can be found at [www.infomar.ie](http://www.infomar.ie).

#### GEODETIC 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 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

Positioning system: Applanix POS-MV with DGPS corrections.

GEO

Positioning system: Applanix POS-MV with DGPS corrections.

COSANTÓIR BRADÁN

Positioning system: Applanix POS-MV with DGPS corrections.

#### VERTICAL CONTROL

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

#### CHART SCALE 1:50,000

0 1 2 4 Nautical Miles

0 0.5 1 2 3 4 5 6 7 Kilometers

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

INF15\_CO\_SR\_NW\_50\_R3

Background Images

1:210,000 Road Atlas from Ordnance Survey Ireland Licence No. EN 0047208 © Ordnance Survey Ireland/Government of Ireland.

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 03	Feb 2013	Draft 01	JK		
Revision 02	Jun 2013	Draft 01	NOB	VQ/FS	NA
Revision 01	Jan 2010	Final 01	NOB	VQ/FS	TF/KV

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

Marine InstituteForas na Mara

Geological Survey of IrelandGeological Service of Ireland

National Development Plan 2007 - 2013