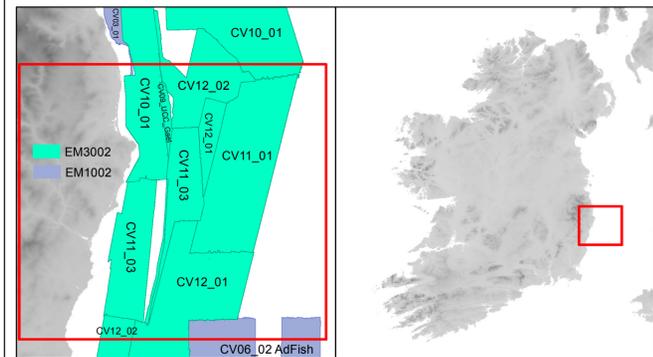


INFOMAR PROGRAMME

IRISH SEA - GOREY TO NEWTOWN MT. KENNEDY

BACKSCATTER CHART 1:100,000



LEGEND

+	UTM grid intersection	●	Gravity Core
△	Day Grab	●	Vibrocore
▽	VanVeen Grab	◆	Box Corer
⊗	Shipek Grab	◆	Box Corer (Reineck)
◆	Hamon Grab	●	Rock Dredge
⊕	Grab Sampler		

Low Reflectivity

High Reflectivity

DATA ACQUISITION NOTES

- EM1002 data (multibeam) acquired during Surveys CV06_02 AdFish (2006) and CV03_01 (2003).
- EM3002 data (multibeam) acquired during Surveys CV12_02 (2012), CV12_01 (2012), CV11_03 (2011), CV11_01 (2011), CV10_01 (2010) and CV09_UCC_Gael (2009).
- Groundtruthing acquired by either, grab, coring or underwater camera.
- 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

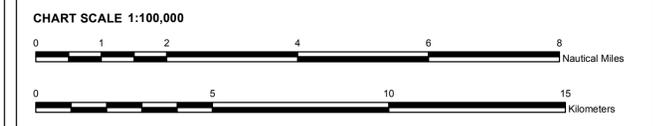
HORIZONTAL CONTROL

CELTIC VOYAGER
 2011 onwards
 Positioning system: C-Nav 3050 receiver with 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

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
 INF13_EPA_BS_100_2of4_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	July 2013	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
 Tuairim na Geolaíochtaí na hÉireann

NDP
 National Development Plan 2007 - 2013