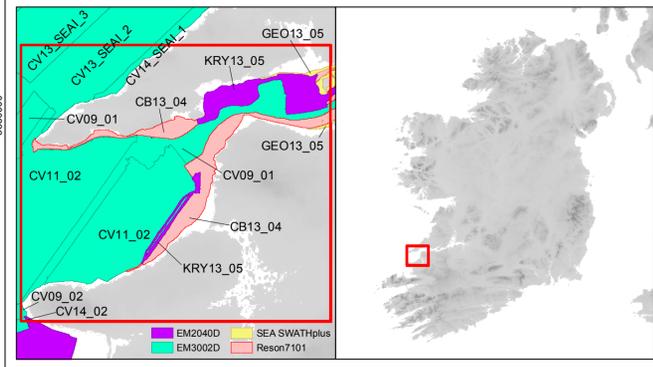




INFOMAR PROGRAMME
SHANNON ESTUARY
BACKSCATTER CHART 1:50,000 (1 of 3)



LEGEND

- UTM grid intersection
- ▲ Day Grab
- ▼ Van Veen Grab
- ◇ Shipex Grab
- ◆ Hamon Grab
- ⊕ Grab Sampler
- Gravity Core
- Vibrocore
- ◆ Box Corer
- ◆ Box Corer (Reineck)
- Rock Dredge

Low Reflectivity
High Reflectivity

DATA ACQUISITION NOTES

- EM3002D data (multibeam) acquired during surveys CV14_SEAL_1 (2014), CV13_SEAL_2 (2013), CV11_02 (2011), CV09_02 (2009) and CV09_01 (2009).
- EM2040D data (multibeam) acquired during survey CV14_02 (2014) and KRY13_05 (2013).
- SEA SWATHplus data (interferometric sonar) acquired during survey GEO13_05 (2013).
- RESON 7101 data (multibeam) acquired during survey CB13_04 (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
 Positioning system: Applinix POS-MV with DGPS corrections.

GEO
 Positioning system: Applinix POS-MV with DGPS corrections.

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
 INF15_Sh_BS_50_1of3_R3

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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 3	Mar 2015	Final	NOB	FS/SS	FS
Revision 2	Sep 2013	Final	NOB	FS/SS	FS
Revision 1	Oct 2009	Final	NOB	VQ/SS	KV