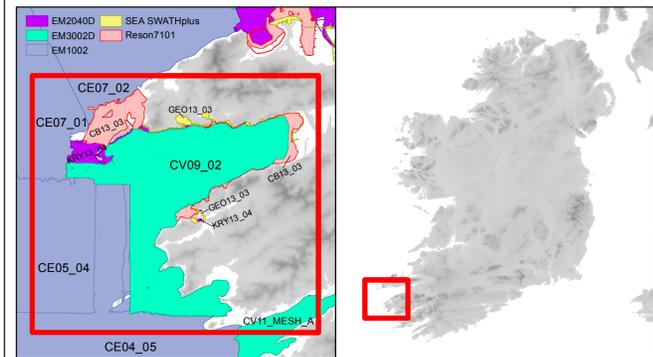


# INFOMAR PROGRAMME

## DINGLE BAY

### BACKSCATTER CHART 1:100,000



**LEGEND**

- UTM grid intersection
- ▲ Day Grab
- ▼ VanVeen Grab
- ◊ Shipek Grab
- ⊕ Hamon Grab
- ⊗ Grab Sampler
- Gravity Core
- Vibrocore
- ⊕ Box Corer
- ⊗ Box Corer (Reineck)
- Rock Dredge

Low Reflectivity

High Reflectivity

- DATA ACQUISITION NOTES**
- EM1002 data (multibeam) acquired during surveys CE07\_02 (2007), CE07\_01 (2007), CE05\_04 (2005) and CE04\_05 (2004).
  - EM3002D data (multibeam) acquired during surveys CV09\_02 (2009) and CV11\_MESH\_A (2011).
  - EM2040D data (multibeam) acquired during survey KRY13\_04 (2013).
  - SEA SWATHplus data (interferometric sonar) acquired during survey GE013\_03 (2013).
  - RESON 7101 data acquired during survey CB13\_03 (2013).
  - Groundtruthing acquired by either grab, coring or underwater camera.
  - Acquired survey data and leg reports can be found at [www.infomar.ie](http://www.infomar.ie).

**GEODETTIC CONTROL**

Spheroid: WGS-84  
 Projection: Universal Transverse Mercator, Zone 29 N, CM 9° W

**HORIZONTAL CONTROL**

CELTIC VOYAGER & CELTIC EXPLORER

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.

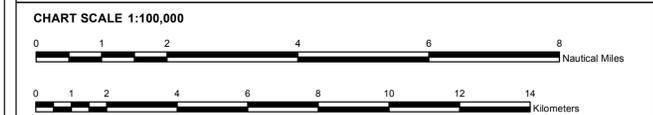
KEARY  
 Positioning system: Applanix POS-MV with DGPS corrections.

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).



**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\_DI\_BS\_100\_R02

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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 | March 2015 | Final 01    | JK       | FS           | FS          |
| Revision 01 | Dec 2012   | Final 01    | JK       | VQ/FS        | TF/KV       |