



Legend

- KP* Kilometer Post Marker
- Charting Interval (5000m)
- UK / Ireland Territorial Limit
- UK EEZ
- Irish EEZ
- Seabed Cables
- Centreline
- Survey Boundary

Bathymetry

- Water Depths Contour LAT (interval 1 m)
- Slope Contours ≥ 5°
- 135.5m to -47.3m

Seabed

- Fine Sediment
- Coarse Sediment
- Medium Sediment
- Bedrock Outcrop
- Mag Targets
- Boulder
- CPT Location
- Vibrocore Location (VC*)

Longitudinal Profile with Shallow Geology

- Horizon 2
- Horizon 3
- Horizon 4
- Horizon 5
- Horizon 6
- Horizon 7

Seabed Slope

- Seabed Gradient

INDEX CHART

Scale bar: 0 100 200 300 400 500 m

Bathymetry & Seabed Horizontal Scale: 1:5693
Longitudinal Profile Vertical Exaggeration: 102

Chart Notes
 Section 14 contains separate KPs as it is an isolated zone compared to the rest of the site. This Cable Route is broken up into 12 x 5000m interval charts with 2 residual charts of varying size displaying the remainder of the route. Numbered from 1-14. The charting intervals are displayed on the Bathymetry and Seabed maps with a dashed black line (shown in legend). The horizontal scale may change depending on the intervals shape. The Longitudinal Profile and Slope graphs represent the data that falls within the current chart interval only.

SURVEY NOTES
 Horizontal Datum: WGS84
 Projection: UTM Zone 30N
 Central Scale Factor: 0.9996
 False Easting: 500 000m
 False Northing: 0m
 Latitude Origin: 0°
 Central Meridian: 0°00'00"W
 Dimensions: in metres
 Water Depths: Data is presented in metres LAT
 Survey Date: July 2024

Offshore Vessel: Glomar Vanguard
 Primary Positioning System: Applanix POS MV Oceanmaster
 Primary Gyro and INS System: XBlue Hydrus
 Underwater Positioning System: Kongsberg uPAP
 Survey Navigation System: CIPS QINSy
 Multibeam Echosounder: Teledyne Seabat T50-R Dual head
 SSS: Edgetech 4025 Dual Frequency
 SBP: Innomar Standard
 Magnetometer: Geomatrix G-882
 Sound Velocity Sensor: Valeport Swift x 2
 File Name: MDM_CR_Beaufort_5

CHART INTERVAL: 5
Project
BEAUFORT CABLE ROUTE
GEOPHYSICAL SURVEY - BEAUFORT
ALIGNMENT CHART

MDM
 McMahon Design
 & Management Ltd

GREEN
REBEL