



**Legend:**

- Survey area including 1km buffer
- Minor contours at 5.0m interval
- Major contours at 25.0m interval
- Admiralty published wreck position

Seabed level colour scale (metres below Chart Datum)

**Notes:**

- 1) Co-ordinate System: WGS84 UTM 30N
- 2) Positioning provided by a Trimble SP555 GNSS using the Fugro MarineSTAR G2+ network correction
- 3) All levels are reduced to Chart Datum (CD) from the accurate GNSS height solution using the UKHO VDR Geoid model
- 4) Bathymetry data provided by a Nortek WBM5 multibeam echo sounder with integrated POS MV Wavemaster INS
- 5) Side Scan Sonar data provided by an EdgeTech 4200 system and recorded in proprietary Discover software and post-processed using Chesapeake Technologies Sonarviz. Towfish positioning provided by a Sonardyne Scout USBL system
- 6) Sub Bottom profiler data from a AAE AA300 Boomer, CSP P300 power supply and SES 8 element hydrophone. Data recorded and processed in Coda
- 7) Magnetometer data provided by a Geometrics G822 Cesium Vapour magnetometer, interfaced to the SSS towfish
- 8) Background mapping (location plan) provided by Client
- 9) For further details, please refer to Partrac report P1830.05.01.

**Location Plan:**

Scale: 1:10,000

Rev.	Drawn	Date	Checked	By	KB	FOR COMMENT
0	IB	25/06/18				
1	Drawn			Approved		Details

Survey Date: 17/04/18-19/05/18

Surveyor: GP/GT

Drawn By: IB

Client:

**morlais**  
1101, 1014, 1015

Mentor M&E  
Llangefni Town Hall  
Llangefni  
LL77 7JH

Contractor:

**PARTRAC**

**Partrac Survey Ltd**  
440 Baltic Chambers  
50 Watlington Street  
Glasgow  
G2 6HJ  
www.partrac.com  
info@partrac.com  
Tel: +44(0)141 202 0644

Contract:

MORLAIS DEMO ZONE (MDZ)  
HYDROGRAPHIC & GEOPHYSICAL SURVEY

DWG:

BATHYMETRY CHART  
P1830/V2/001

Original Sheet Size: A0

Scale: Horiz: 1:10,000  
Vert: NA

Rev.: 0