An Roinn Iompair
Department of Transport

Marine Notice No. 45 of 2021

Amended 11/10/2021

Notice to all Shipowners, Fishing Vessel Owners, Agents, Shipmasters, Skippers, Fishers, Yachtsmen and Seafarers

Installation of Havhingsten fibre optic cable system in the Irish Sea

1. Notice of activity

The Department of Transport has been advised that installation of the Havhingsten fibre optic telecommunication cable system is ongoing in the Irish Sea outside of the Irish 12 nautical miles until 19 October 2021. Works within the Irish 12 nautical miles are planned from December 2021 subject to weather and operational conditions. There will also be associated rock placement operations post cable installation at four locations within the western Irish Sea and these works are expected in Quarter 4 of 2021, weather permitting.

2. Location and Details of Activity

The entire cable system will comprise marine elements that pass from Denmark to the UK (NE region); from the UK (NW) to Ireland; with two segments installed into landfalls on the Isle of Man. The cable route for the western Irish Sea region is shown in Appendix 1, landing at Loughshinny in Ireland. Works in October 2021 will stop at the Irish 12 nautical miles.

The operations will take place in the locations below**:**

Region	Block	Label	Latitude	Longitude
IRE EEZ	Block 1	A	53° 38.815' N	005° 40.689' W
IRE EEZ	Block 1	B	53° 44.914' N	005° 20.389' W
IRE EEZ	Block 1	C	53° 44.891' N	005° 19.452' W
IRE EEZ	Block 1	D	53° 44.351' N	005° 19.480' W
IRE EEZ	Block 1	E	53° 44.385' N	005° 20.147' W
IRE EEZ	Block 1	F	53° 38.332' N	005° 40.285' W
IRE & UK EEZ	Block 2	A	53° 44.891' N	005° 19.452' W
IRE & UK EEZ	Block 2	B	53° 44.861' N	005° 18.871' W
IRE & UK EEZ	Block 2	C	53° 48.056' N	005° 8.733' W
IRE & UK EEZ	Block 2	D	53° 51.181' N	004° 59.700' W
IRE & UK EEZ	Block 2	E	53° 50.704' N	004° 59.274' W
IRE & UK EEZ	Block 2	F	53° 47.583' N	005° 8.297' W

IRE & UK EEZ	Block 2	G	53° 44.342' N	005° 18.581' W
IRE & UK EEZ	Block 2	H	53° 44.351' N	005° 19.480' W
0-12nm	Block 1	A	53° 32.872' N	006° 4.728' W
0-12nm	Block 1	B	53° 34.093' N	005° 56.714' W
0-12nm	Block 1	C	53° 35.374' N	005° 52.385' W
0-12nm	Block 1	D	53° 34.933' N	005° 51.839' W
0-12nm	Block 1	E	53° 33.578' N	005° 56.444' W
0-12nm	Block 1	F	53° 32.350' N	006° 4.502' W
0-12nm	Block 2	A	53° 35.374' N	005° 52.385' W
0-12nm	Block 2	B	53° 38.815' N	005° 40.689' W
0-12nm	Block 2	C	53° 38.332' N	005° 40.285' W
0-12nm	Block 2	D	53° 34.933' N	005° 51.839' W

Rock placement operations post cable installation at four locations below:

Rock Placement Location Name	Latitude	Longitude
Western HVDC (Seg 1.5)	53° 45.9874' N	003° 48.9241' W
Western HVDC (Seg 1.4)	53° 53.8237' N	004° 34.1796' W
Western HVDC (Seg 1.2)	53° 54.6777' N	004° 58.3692' W
Interconnector 1 (Seg 1.1)	53° 44.6268' N	005° 19.5120' W

Further location information is available in Appendix 2.

3. Details of Vessel

The operations will be conducted by the cable installation vessel **CS Recorder** (callsign: **MATL3**). Vessels will be working throughout 24 hours and will display appropriate day shapes and lights during reduced visibility and night operations. All vessels operating within this area are requested to keep their distance, and pass at minimum speed to reduce vessel wash. Installation will be via industry standard burial tools including water jetting and ploughing. Target cable burial depth is 1.5m below seabed level in the region. It is anticipated that installation operations in UK/Irish waters will occupy up to a maximum 500m width (250m either side of cable). The cable itself will occupy only 40mm of the seabed. Expected speed of installation will be approximately 17 km per day.

4. Contact Details

Any enquiries about these operations should be directed to the Fisheries Liaison Officers:

Bethan Owens: Email bethan.owens@marinespace.co.uk Ph: +44 7833 557808
Claire Griffiths: Email claire.griffiths@marinespace.co.uk Ph :+44 7498 550 586
Jonny Lewis: Email jonny.lewis@marinespace.co.uk Ph: +44 7817 644284

All mariners are reminded of their responsibilities under the International Collision Regulations and are reminded of Marine Notice No. 17 of 2007, which gives general advice in relation to the activities of vessels engaged in survey work for hydrographic, seismic, fishing research and underwater operations.

The International Regulations for Prevention of Collisions at Sea (COLREGS) are implemented in Irish law by the *Merchant Shipping* (*Collision Regulations) (Ships and Water Craft on the Water) Order 2012* [S.I. No. 507 of 2012], and the *Signals of Distress (Ships) Rules 2012* [S.I. No.170 of 2012]. See Marine Notice No. 06 of 2013. These Statutory Instruments may be purchased by mail order from Government Publications, Office of Public Works, 52 St. Stephen's Green, Dublin 2. Tel: (01) 6476834/1890-213434. They are also available online at: www.irishstatutebook.ie.

Note: Marine Notices are issued purely for maritime safety and navigation reasons and should not be construed as conferring rights or granting permissions.

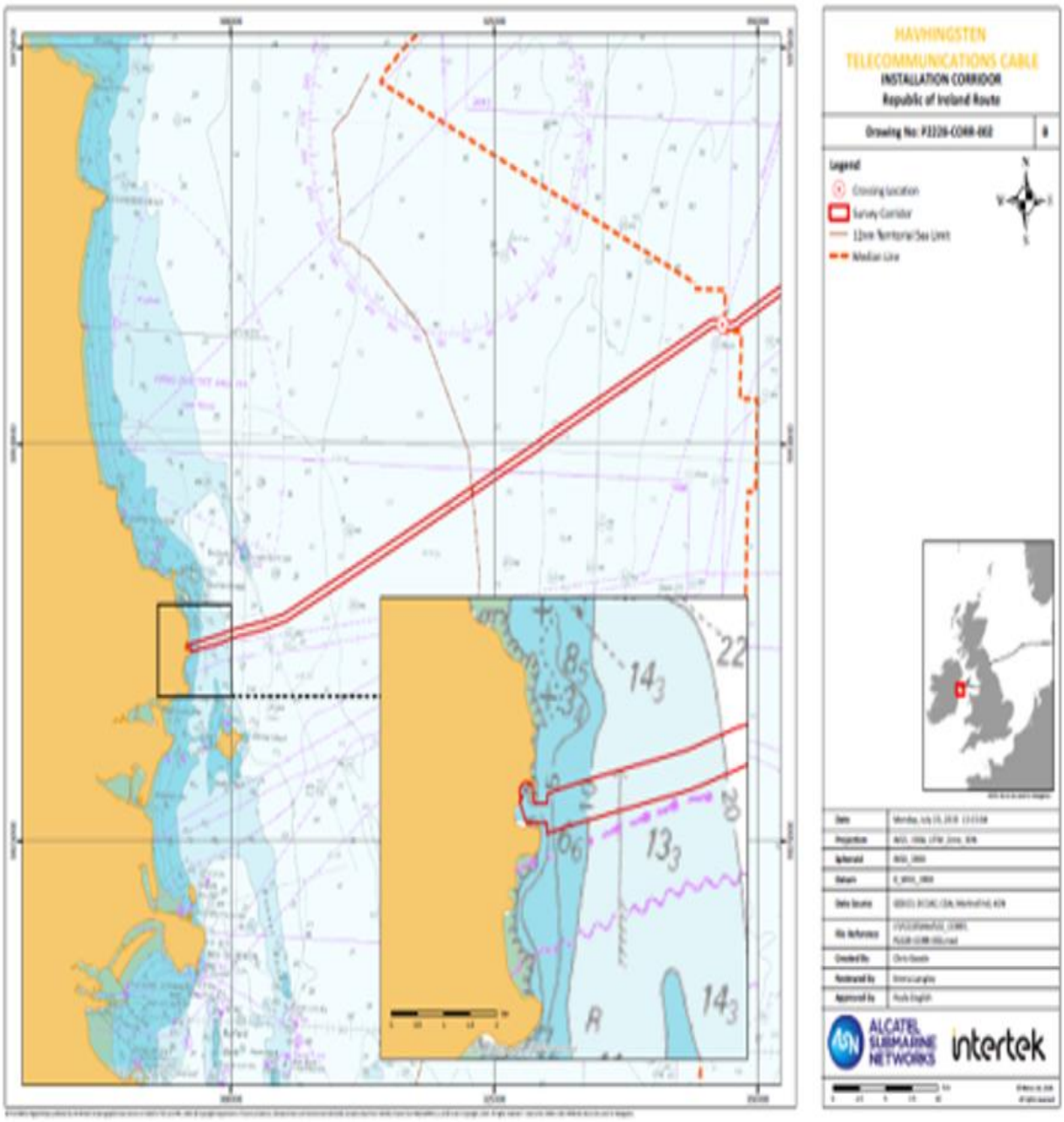
Irish Maritime Administration,
Department of Transport,
Leeson Lane, Dublin 2, D02 TR60, Ireland.

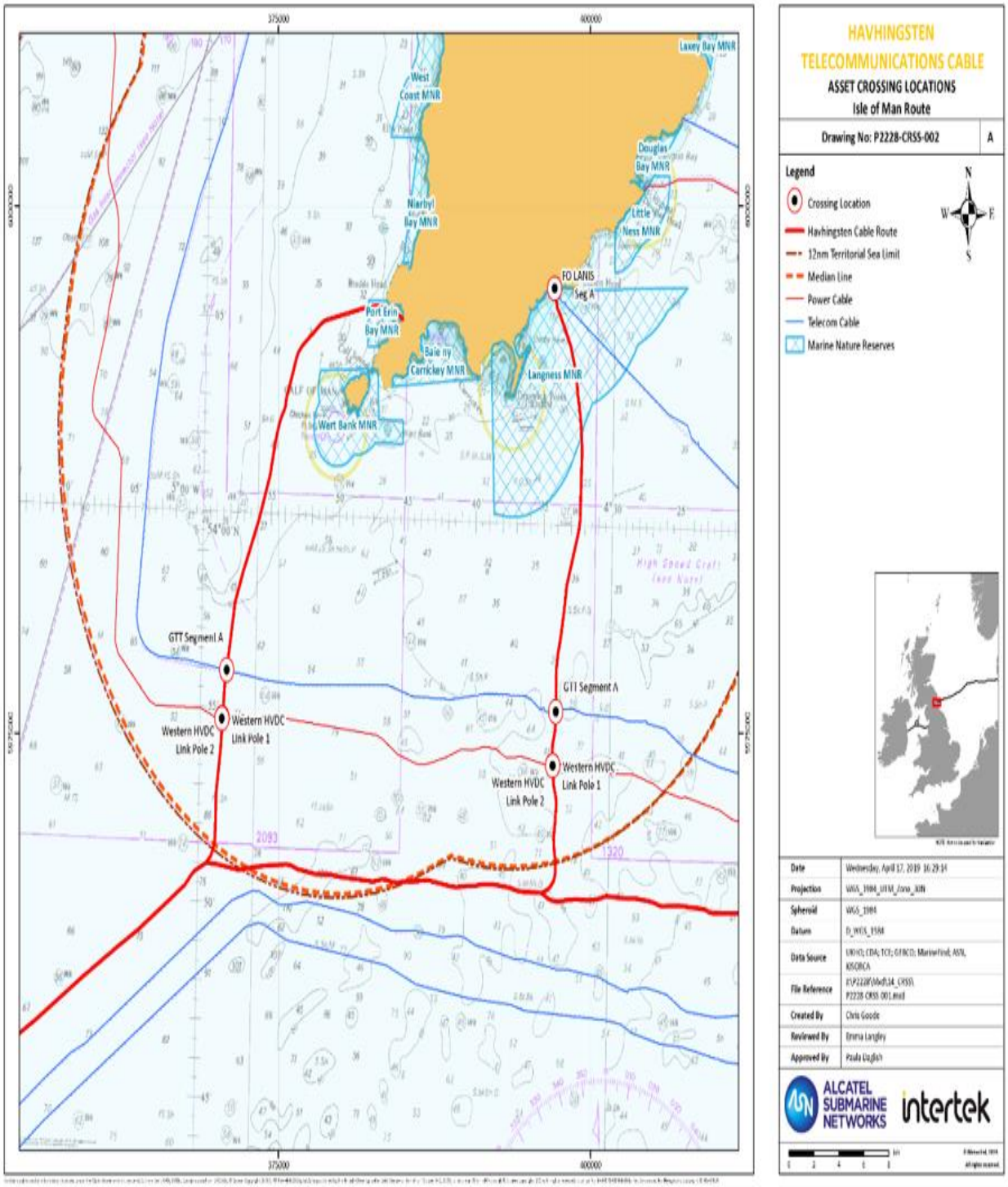
10/08/2021
Amended: 21/09/2021
Amended: 11/10/2021

Encl: Appendix 1 – Cable route for Western Irish Sea
Appendix 2 – Location of activity

For any technical assistance in relation to this Marine Notice, please contact:
The Marine Survey Office, email: MSO@transport.gov.ie
For general enquiries, please contact the Maritime Safety Policy Division, email:
MaritimeSafetyPolicyDivision@transport.gov.ie
Written enquiries concerning Marine Notices should be addressed to:
Dept. of Transport, Maritime Safety Policy Division, Leeson Lane, Dublin 2, D02 TR60, Ireland.
email: MarineNotices@transport.gov.ie or visit us at: www.gov.ie/transport

Appendix 1 The cable route for the western Irish Sea region

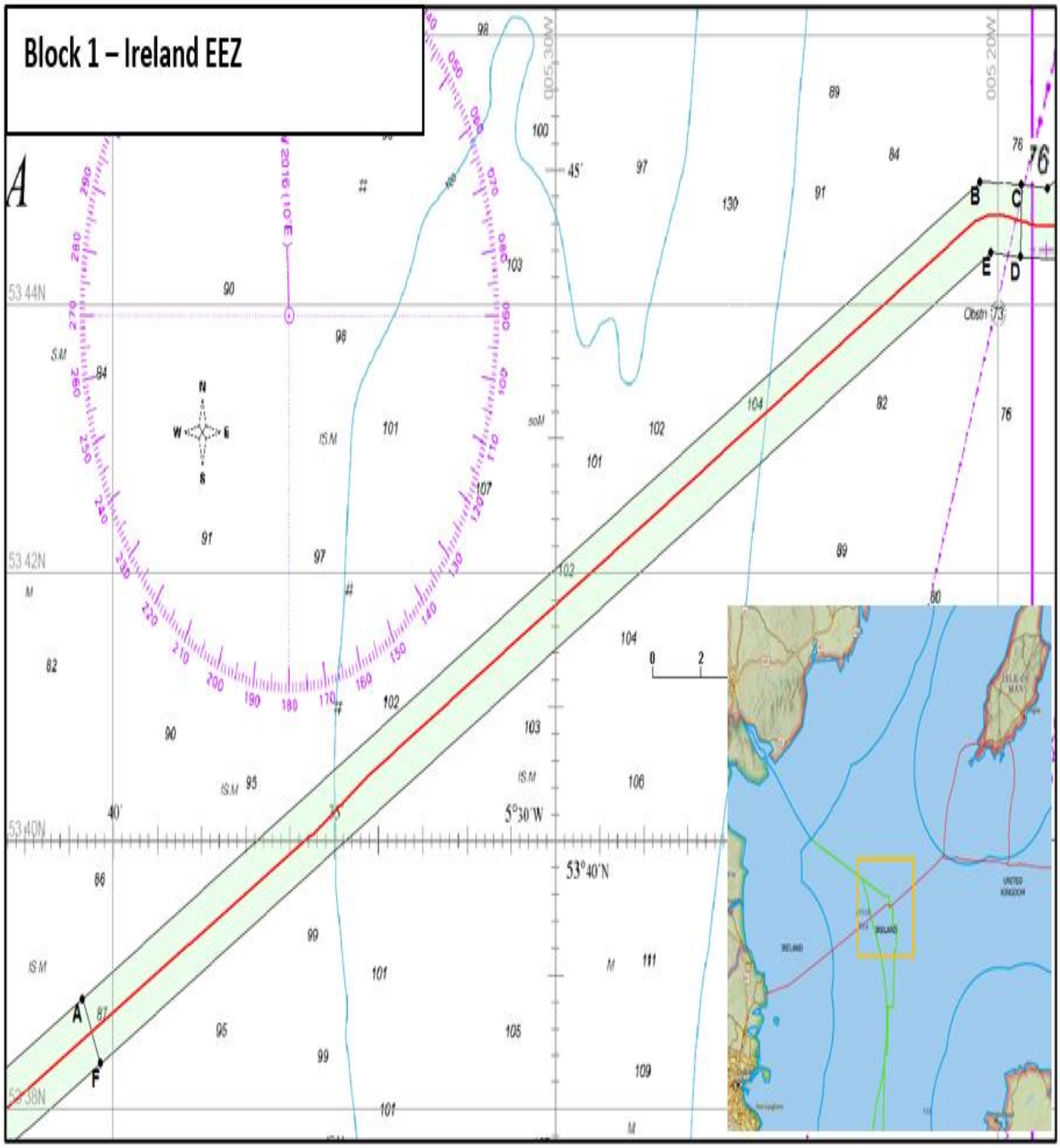


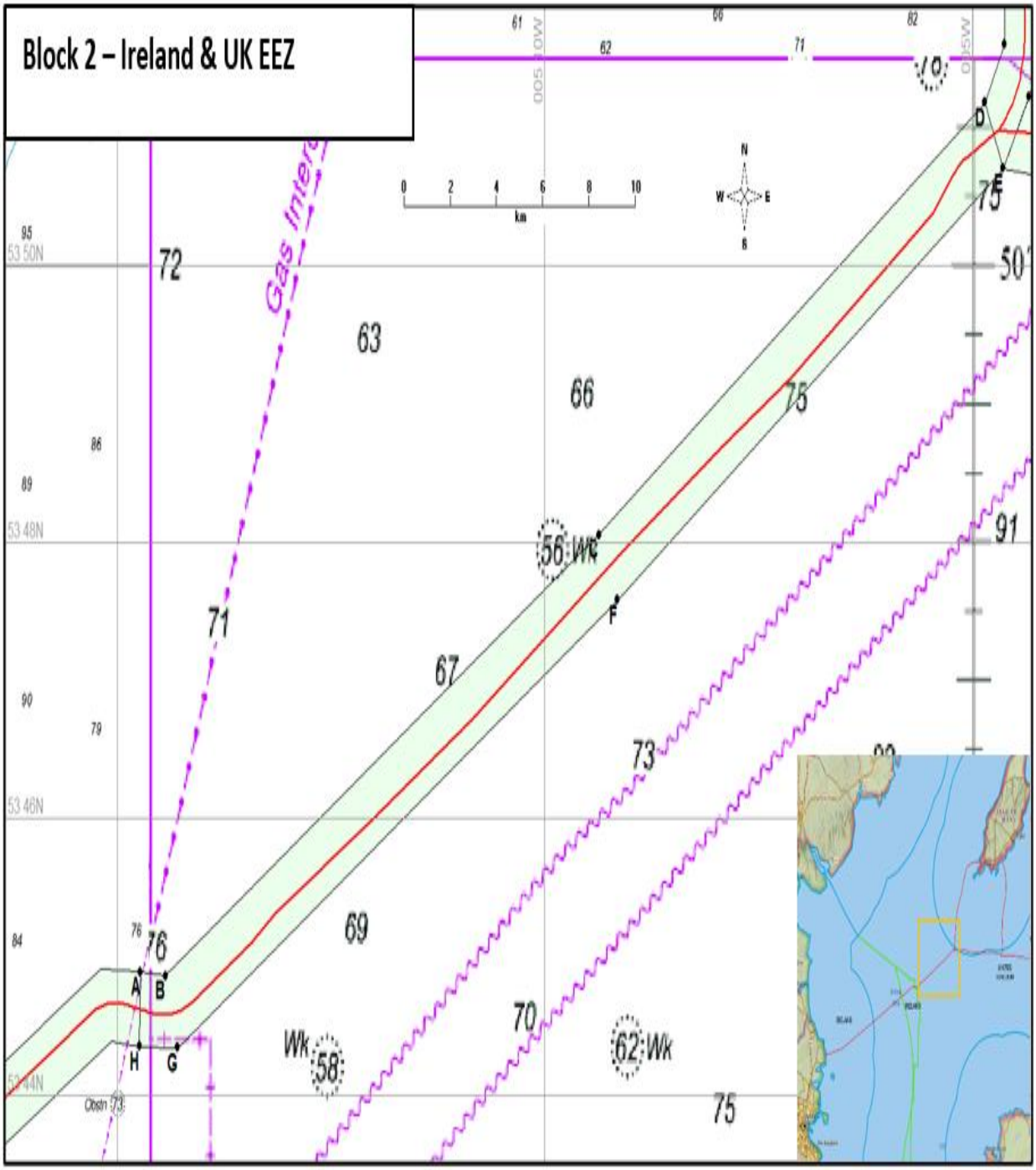

HAVHINGSTEN
TELECOMMUNICATIONS CABLE
ASSET CROSSING LOCATIONS
Isle of Man Route
Drawing No: P2228-CRSS-002
A
Legend
Crossing Location
Havhingsten Cable Route
12nm Territorial Sea Limit
Median Line
Power Cable
Telecom Cable
Marine Nature Reserves
N
S
E
W
Date
Wednesday, April 17, 2019 16:29:14
Projection
WGS_1984_UTM_Zone_30N
Spheroid
WGS_1984
Datum
D_WGS_1984
Data Source
UKHO; CDA; TCE; GFBCO; MarineFind; ASN, KISORCA
File Reference
P2228 CRSS 001.mxd
Created By
Chris Goode
Reviewed By
Emma Langley
Approved By
Paula Duglish
ALCATEL SUBMARINE NETWORKS
intertek
375000
400000
Laxey Bay MNR
West Coast MNR
Douglas Bay MNR
Niarbyl Bay MNR
Little Ness MNR
FO LANIS Seg A
Port Erin Bay MNR
Baie ny Carrickey MNR
Langness MNR
Wart Bank MNR
GTT Segment A
Western HVDC Link Pole 1
Western HVDC Link Pole 2
2093
1320

Appendix 2 Location of Activity

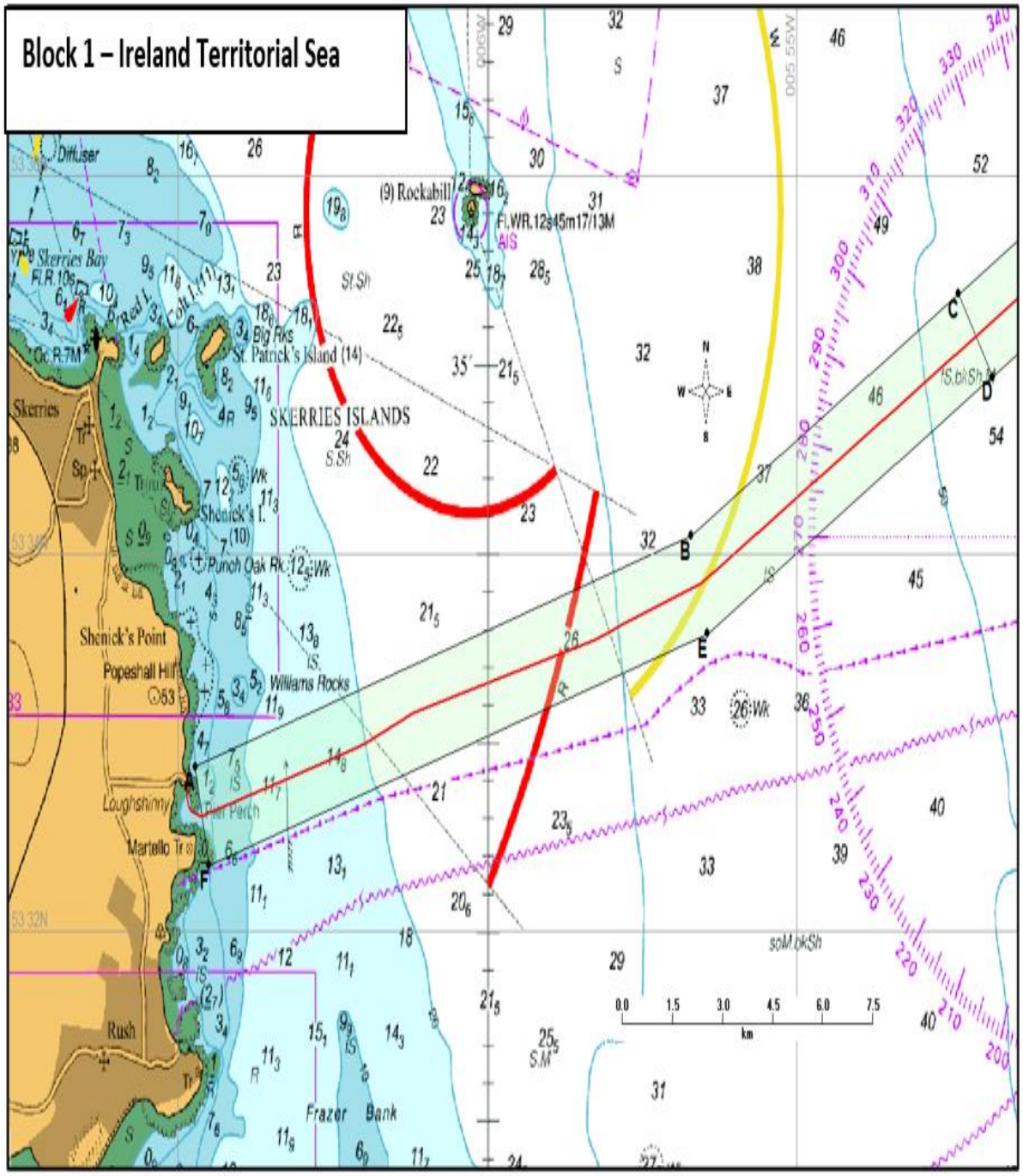
Works will be carried out within the following blocks:

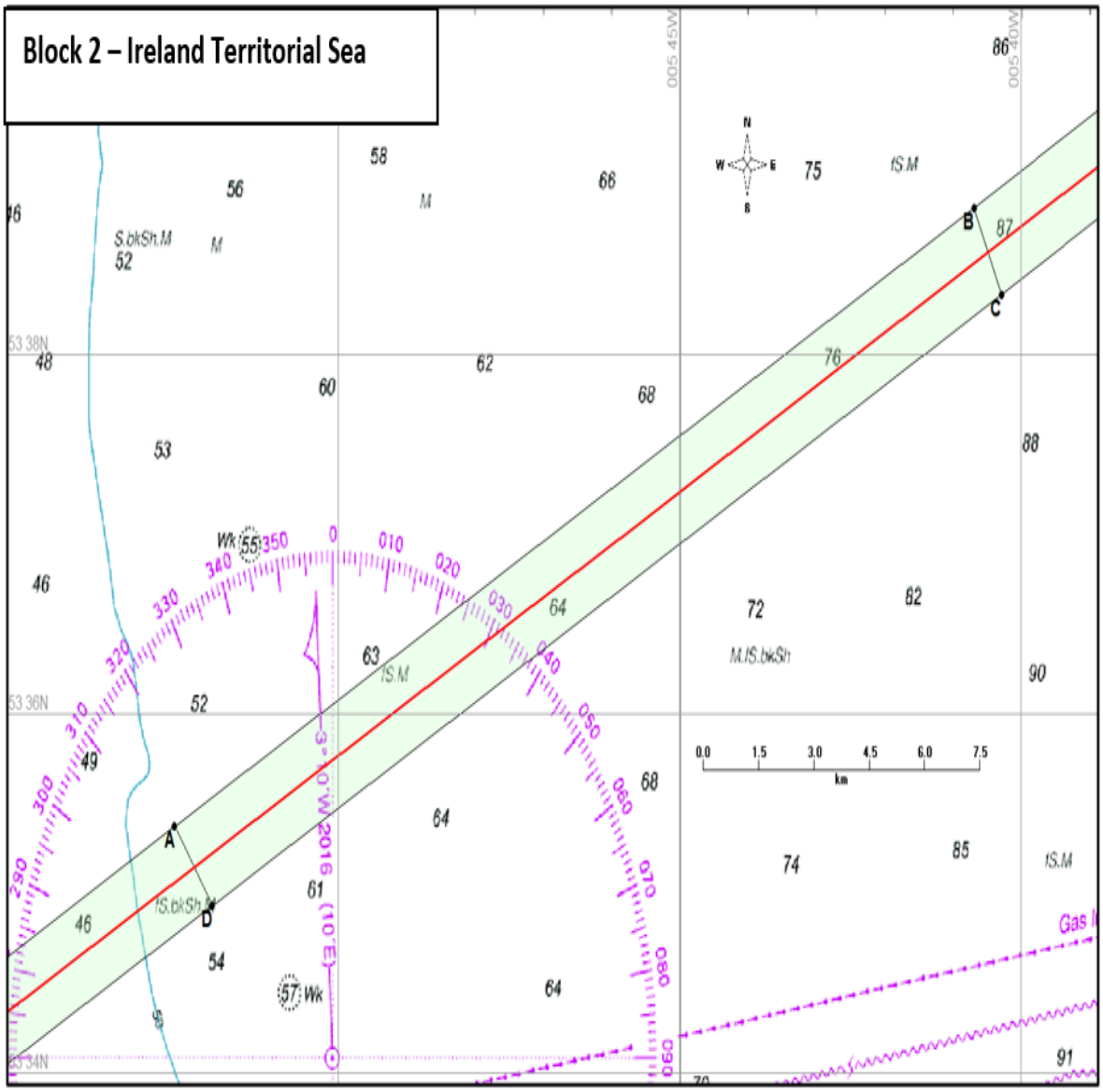
October 2021

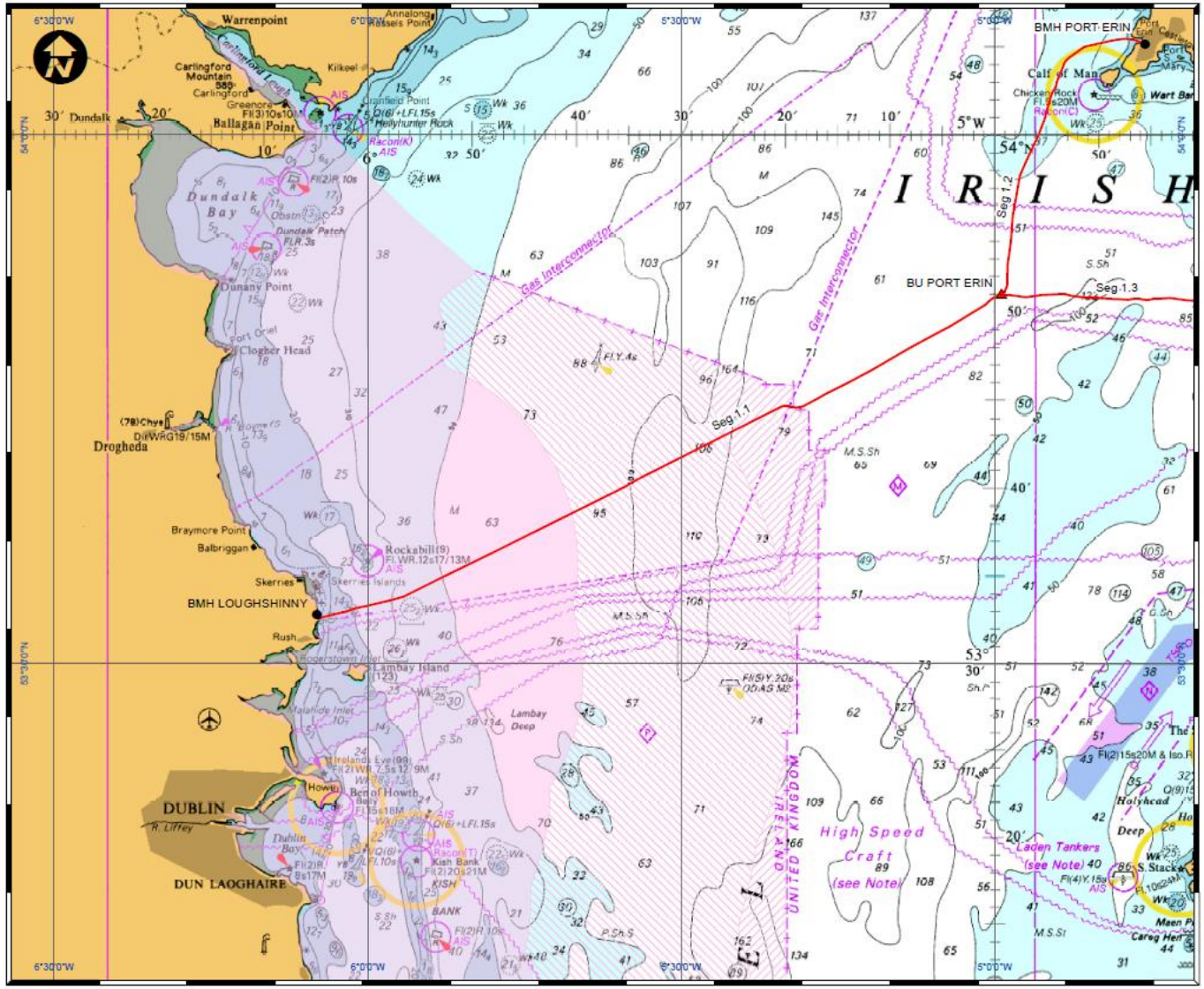



Block 2 – Ireland & UK EEZ
Gas Interc
km
0 2 4 6 8 10
N
W
E
S
53 50N
53 48N
53 46N
53 44N
72
63
66
75
71
67
73
69
70
76
91
56 Wk
62 Wk
58 Wk
A
B
H
G
D
E
F
Obstn 73

December 2021




Block 2 – Ireland Territorial Sea
A
B
C
D
005 45W
005 40W
53 38N
53 36N
53 34N
0.0 1.5 3.0 4.5 6.0 7.5
km
Gas



ALCATEL SUBMARINE NETWORKS

Havhingsten Submarine Cable System in the Waters of Ireland

0 2.5 5 10 km

LEGEND

- Branching Unit (BU)
- Beach Man Hole (BMH)
- Havhingsten cable route
- Territorial sea
- Contiguous zone
- Economic zone

Includes data supplied by GGDS Copyright (1999-present). These data and this information are provided on a best-efforts basis and GGDS does not guarantee their accuracy or warrant their fitness for any particular purpose. Such data or information has been reprinted with the permission of GGDS.

Basemap: Admiralty Raster Charts
Service Charts

GEODETIC PARAMETERS

Projection: Mercator
Datum: WGS 1984
False Easting: 1 000 000.0000
False Northing: 0.0000
Central Meridian: 1.0000
Standard Parallel 1: 55.0000
Units: Meter

This document may only be used for the purpose for which it was commissioned and in accordance with the terms of engagement for that commission. Unauthorized use of this document in any form whatsoever is undertaken entirely at the user's risk.

REV:	DATE:	PREP BY:	APP BY:
01	02/08/19	LT	FC