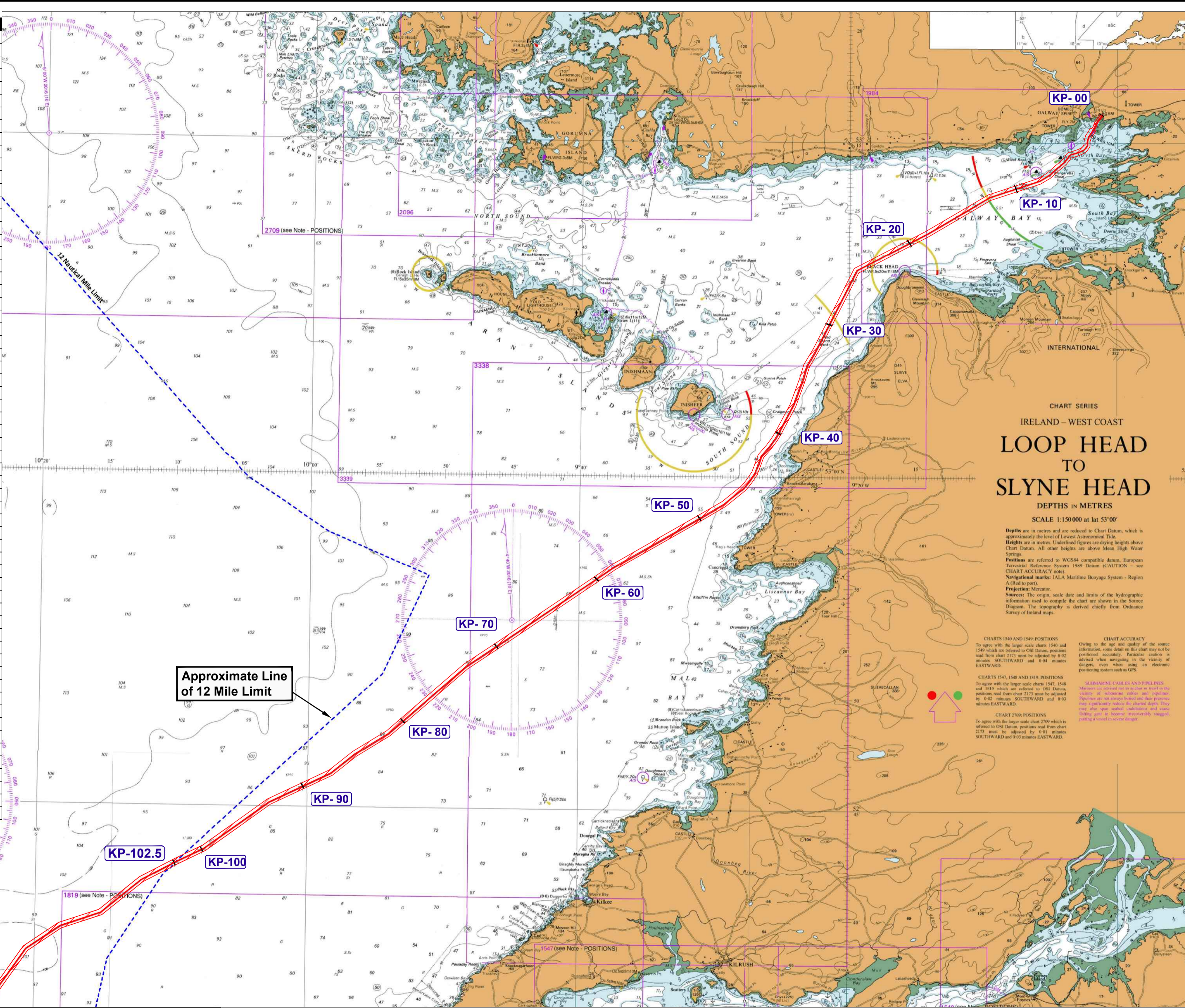


Key Turning Points					
TP	Longitude	Latitude	Length	Total Length	Heading
0	53° 16' 14.7719" N	9° 01' 6.7752" W	739.96 m	----	217.6°
1	53° 15' 55.8108" N	9° 01' 31.1369" W	411.59 m	739.96 m	201.9°
2	53° 15' 43.4545" N	9° 01' 39.4069" W	231.39 m	1.152 km	209.4°
3	53° 15' 36.9345" N	9° 01' 45.5372" W	333.68 m	1.383 km	210.7°
4	53° 15' 27.6553" N	9° 01' 54.7320" W	214.81 m	1.717 km	213.9°
5	53° 15' 21.8868" N	9° 02' 1.1921" W	154.12 m	1.931 km	217.3°
6	53° 15' 17.9220" N	9° 02' 6.2322" W	89.993 m	2.086 km	202.4°
7	53° 15' 15.2298" N	9° 02' 8.0788" W	285.8 m	2.176 km	195.6°
8	53° 15' 6.3256" N	9° 02' 12.2252" W	34.804 m	2.461 km	197.2°
9	53° 15' 5.2501" N	9° 02' 12.7799" W	63.902 m	2.496 km	188.4°
10	53° 15' 3.2052" N	9° 02' 13.2832" W	306.39 m	2.56 km	179.9°
11	53° 14' 53.2941" N	9° 02' 13.2585" W	243.43 m	2.866 km	210.7°
12	53° 14' 46.5248" N	9° 02' 19.9647" W	153.6 m	3.11 km	222.5°
13	53° 14' 42.8606" N	9° 02' 25.5594" W	121.84 m	3.263 km	231.9°
14	53° 14' 40.4273" N	9° 02' 30.7280" W	204.84 m	3.385 km	243.2°
15	53° 14' 37.4347" N	9° 02' 40.5835" W	154.9 m	3.59 km	246.1°
16	53° 14' 35.4035" N	9° 02' 48.2194" W	115.5 m	3.745 km	247.2°
17	53° 14' 33.9532" N	9° 02' 53.9592" W	356.37 m	3.861 km	252.4°
18	53° 14' 30.4683" N	9° 03' 12.2767" W	338.22 m	4.217 km	253.6°
19	53° 14' 27.3822" N	9° 03' 29.7736" W	68.214 m	4.555 km	237.0°
20	53° 14' 26.1793" N	9° 03' 32.8572" W	67.356 m	4.623 km	229.5°
21	53° 14' 24.7633" N	9° 03' 35.6178" W	75.401 m	4.691 km	213.0°
22	53° 14' 22.7173" N	9° 03' 37.8305" W	78.018 m	4.766 km	210.9°
23	53° 14' 20.5513" N	9° 03' 39.9896" W	58.068 m	4.844 km	204.3°
24	53° 14' 18.8400" N	9° 03' 41.2804" W	40.916 m	4.902 km	212.4°
25	53° 14' 17.7221" N	9° 03' 42.4612" W	50.147 m	4.943 km	223.8°
26	53° 14' 16.5509" N	9° 03' 44.3320" W	105.79 m	4.993 km	223.9°
27	53° 14' 14.0855" N	9° 03' 48.2881" W	220.98 m	5.099 km	217.6°
28	53° 14' 8.4253" N	9° 03' 55.5648" W	265.61 m	5.32 km	229.3°
29	53° 14' 2.8213" N	9° 04' 6.4195" W	444.42 m	5.586 km	230.0°
30	53° 13' 53.5773" N	9° 04' 24.7687" W	1.021 km	6.03 km	228.4°
31	53° 13' 31.6514" N	9° 05' 5.9283" W	892.13 m	7.051 km	239.4°
32	53° 13' 16.9381" N	9° 05' 47.2953" W	4.353 km	7.943 km	251.7°
33	53° 12' 32.7357" N	9° 09' 30.0232" W	6.025 km	12.296 km	239.6°
34	53° 10' 53.8776" N	9° 14' 9.7084" W	6.621 km	18.321 km	242.5°
35	53° 09' 14.8560" N	9° 19' 25.7645" W	2.8 km	24.943 km	206.9°
36	53° 07' 54.0896" N	9° 20' 33.9263" W	1.749 km	27.742 km	206.9°
37	53° 07' 3.6364" N	9° 21' 16.4712" W	1.974 km	29.491 km	206.9°
38	53° 06' 6.6886" N	9° 22' 4.4479" W	1.236 km	31.465 km	206.9°
39	53° 05' 31.0196" N	9° 22' 34.4752" W	1.244 km	32.701 km	210.6°
40	53° 04' 56.4059" N	9° 23' 8.5214" W	1.249 km	33.945 km	195.0°
41	53° 04' 17.3738" N	9° 23' 25.9196" W	2.153 km	35.194 km	200.3°
42	53° 03' 12.0617" N	9° 24' 6.0699" W	3.129 km	37.347 km	207.6°
43	53° 01' 42.3411" N	9° 25' 23.8636" W	1.019 km	40.476 km	215.3°
44	53° 01' 15.4245" N	9° 25' 55.4197" W	956.53 m	41.495 km	221.9°
45	53° 00' 52.3766" N	9° 26' 29.6562" W	776.05 m	42.452 km	197.5°
46	53° 00' 28.4392" N	9° 26' 42.1988" W	884.89 m	43.228 km	205.3°
47	53° 00' 2.5522" N	9° 27' 2.4525" W	675.81 m	44.113 km	214.2°
48	52° 59' 44.4795" N	9° 27' 22.8413" W	834.71 m	44.789 km	219.0°
49	52° 59' 23.4868" N	9° 27' 50.9873" W	442.06 m	45.623 km	237.0°
50	52° 59' 15.6904" N	9° 28' 10.8535" W	1.035 km	46.065 km	231.2°
51	52° 58' 54.7370" N	9° 28' 54.1056" W	573.88 m	47.1 km	226.5°
52	52° 58' 41.9488" N	9° 29' 16.4026" W	10.702 km	47.674 km	239.9°
53	52° 55' 48.1468" N	9° 37' 32.1538" W	14.659 km	58.376 km	235.5°
54	52° 51' 18.9084" N	9° 48' 17.6415" W	8.553 km	73.035 km	228.7°
55	52° 48' 16.0042" N	9° 54' 0.4490" W	3.327 km	81.588 km	237.7°
56	52° 47' 18.4911" N	9° 56' 30.5581" W	2.536 km	84.916 km	231.0°
57	52° 46' 26.8429" N	9° 58' 15.6922" W	5.629 km	87.452 km	244.2°
58	52° 45' 7.4767" N	10° 02' 45.8711" W	2.863 km	93.081 km	233.8°
59	52° 44' 12.8115" N	10° 04' 49.0398" W	3.763 km	95.943 km	234.2°
60	52° 43' 1.5561" N	10° 07' 31.6473" W	2.781 km	99.707 km	243.8°
61	52° 42' 21.8201" N	10° 09' 44.5417" W	-----	102.49 km	241.1°



LEGEND


KP - x Kilometre Point at x km from BMH

Signed

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 Clontarf Road Dublin 3

Date
 11 / 10 / 2018

CLIENT



PROJECT

WINS
 Ref: FS006838

TITLE

Admiralty Chart
 Survey Area

0	11/10/2018	For Issue
REV	DATE	DESCRIPTION
PROJECT NUMBER		
1317		
DRAWING NUMBER		
1317-A -106		
DRAWN BY	DF	SCALE
CHECKED BY	JMcM	1:400,000 @ A1
APPROVED BY	TMcM	1:800,000 @ A3

Note:

Area Subject to Foreshore Licence Application -

Foreshore Area of Survey = 51.25km²(Outlined Red)

Proposed Survey corridor is 500m wide centred on the route

Site Investigations:

500m Wide Route Corridor

- Side Scan sonar
- Magnetometer
- Sub-bottom profiler
- Seabed Sampling - Grab Sample, Gravity Core and CPT

Inshore Area

- Trial Pits - 3 No. on the beach
- Bar Probes - 12 No. on the beach
- Bar Probes - 35 No. from the Low Water to the 3.0m contour
- Grab Samples - 2 No. from the em to the 15 m contour
- Gravity Cores - 6 No. from the 15m contour to the 12-Mile Limit

Proposed Offshore Corridor for the WINS Cable at Galway Scale

1:400,000 @ A1
1:800,000 @ A3



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