



License Application for sustainable hand-harvesting of *Ascophyllum nodosum* in Kenmare Bay.

Appendix 9:

Assessment of Otter (*Lutra Lutra*) distribution in Kenmare Bay.

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Date of revision: 29/07/2025

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1. Overview:

This Appendix describes the distribution of Otter *Lutra Lutra* in Kenmare Bay. The data was derived from a series of surveys carried out since 1982. This includes data submitted by those involved in citizen science projects and staff at the National Biodiversity Data Centre of Ireland (www.biodiversityireland.ie). It also includes datasets derived from studies including the Otter Survey of Ireland 1982, Otter Survey of Ireland 2004 & 2005, the Road Kill Survey, the Atlas of Mammals in Ireland 2010-2015 and the “Mammals of Ireland” dataset covering the time period of 2016-2025. Data has also been obtained from previously published ecology reports. Records of other occurrence are specified as direct sightings of live otters (“otter sighted”), sighting of dead otters (“road kill”), evidence for otters as indicated by presence of droppings (“spraint”), tracks of dwellings (“holts”). In cases where evidence of otter activity is found but not specified, the following is indicated “Tracks/spraint/holt”. Using this data, a number of mitigation measures were developed as outlined in Appendix 4. This data was used to create the map outlined in Appendix 1 of this report. Supplementary section 1 in this document provides a list of additional otter sightings between 2016 to 2020, reported as part of the “Mammals of Ireland 2016-2025” and “Ireland's BioBlitz 2016” projects and databases.

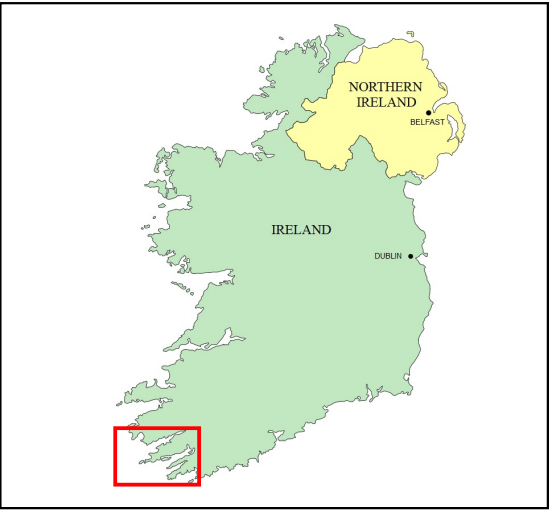
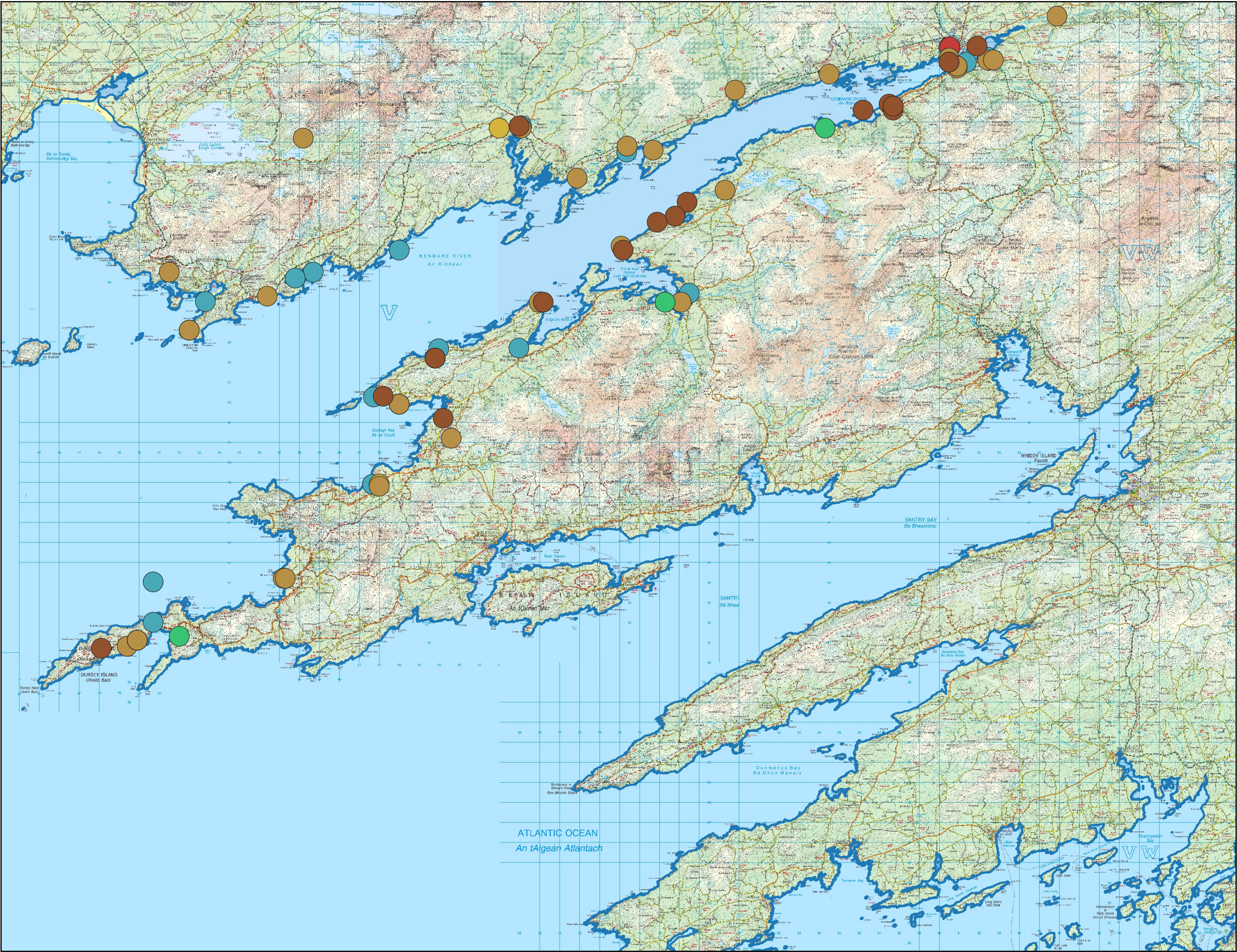
2. Distribution of Otter in Kenmare River SAC

Site	Coordinates	Record of Otter occurrence	Reference † Denotes instances where site coordinates were estimated based in information provided in the literature.
Kenmare Estuary	V 91900 70800	Otter sighted	Moore F (2014A).
The Pier, Kenmare	V 90500 70000	Otter sighted	Crushell P (2014A).
The Pier, Kenmare	V 90500 70000	Otter sighted	Crushell P (2013A).
Sneem	V 69000 66800	Otter sighted	Lawlor JV (2013A).
Dawros	V 87500 67900	Otter sighted	Heardman C (2014E).
Dromoughty	V 87700 67600	Otter sighted	Heardman C (2010I).
Dromoughty/Dawros Bridge at Dromoughty	V 87700 67800	Otter sighted	Heardman C (2005C).
Ardgroom	V 85165 49116	Otter sighted	Heardman C (2007).†
Dinish Island	V 86200 67600	Otter sighted	Heardman C (2013A).
Leaghillaun, Tuosist	V 77400 63000	Otter sighted	Moore F (2014B).
Lehid Harbour	V 76800 62300	Otter sighted	Moore F (2013A).
Canfee, Tuosist	V 75900 62000	Otter sighted	Moore F (2013B).
Laughanacreen	V 74200 60600	Otter sighted	Moore F (2013C).
Pallas	V 70200 58000	Otter sighted	Heardman C (2015B).
Derryvegal	V 64800 55200	Otter sighted	Heardman C (2010J).
Kilcatherine	V 62200 53300	Otter sighted	Lewis C (2014A).
Boffickle	V 65200 52200	Otter sighted	Mulcahy S (2016A).
near Feorus, Co. Kerry	V 84300 66700	Roadkill	Moore F (2012A).
R571, 1km west of Lauragh	V 76300 58000	Roadkill	Anon (2007).
Sheen Bridge	V 92433 70100	Spraint	Ecofact 2009
300m upstream of Sheen Bridge	V 92717 70105	Spraint	Ecofact 2009
Roughy River East of Cleady	V 95900 72300	Spraint	Chapman LL and Chapman PJ (1980F).
The Pier, Kenmare	V 90500 70200	Spraint	Chapman LL and Chapman PJ (1980G).
near Mucksna Wood	V 90900 69800	Spraint	O'Donnell D (2010G).
Mucksna Wood	V 90900 69700	Spraint	Heardman C (2010H).
at Stream/Mucksna wood	V 90900 69800	Spraint	Heardman C (2005B).
near Greenane Islands	V 84500 69400	Spraint	Chapman LL and Chapman PJ (1980H).

at River Blackwater at Blackwater Bridge/N70,	V 79800 68600	Spraint	Chapman LL and Chapman PJ (1980I).
Rossmore Island	V 75700 65600	Spraint	Chapman LL and Chapman PJ (1980J).
Tahilla/Tahilla Bridge	V 74400 65800	Spraint	O'Sullivan M (2005A).
near Derryquin Castle	V 71900 64200	Spraint	Chapman LL and Chapman PJ (1980K).
estuary of the Sneem	V 69100 66700	Spraint	Chapman LL and Chapman PJ (1980L).
Knocknasullig	V 56400 58300	Spraint	Chapman LL and Chapman PJ (1980M).
near Lambs Head	V 52500 56600	Spraint	O'Donnell D (2010I).
Coastal site/Quay at Lamb's Head	V 52500 56600	Spraint	O'Sullivan M (2005B).
north of Lamb's Head	V 51500 59500	Spraint	Chapman LL and Chapman PJ (1980N).
near Dawros	V 87700 67800	Spraint	O'Donnell D (2010J).
at Stream below Muckera	V 58200 66200	Spraint	Chapman LL and Chapman PJ (1980 o).
at river below Ardea Bridge	V 79300 63600	Spraint	Chapman LL and Chapman PJ (1980p).
west of Bunaw	V 74100 60800	Spraint	Chapman LL and Chapman PJ (1980q).
Kilmakilloge Harbour	V 77100 58000	Spraint	Chapman LL and Chapman PJ (1980r).
south of Dog's Point	V 70000 58000	Spraint	Chapman LL and Chapman PJ (1980 s).
near Derreenacush	V 64800 55200	Spraint	O'Donnell D (2010K).
Derryvagal Lough inlet	V 64800 55200	Spraint	Chapman LL and Chapman PJ (1980t).
near Reen Point	V 63000 52900	Spraint	O'Donnell D (2010L).
Ballycrovane	V 63000 52900	Spraint	Heardman C (2010K).
Ballycrovane Harbour	V 63000 52900	Spraint	Chapman LL and Chapman PJ (1980u).
at stream near Eyerries	V 65600 51200	Spraint	Chapman LL and Chapman PJ (1980v).
Travara	V 62000 48800	Spraint	Heardman C (2010L).
at area near Allihies Point,	V 57200 44200	Spraint	O'Donnell D (2010n).
Ballydonegan	V 57300 44200	Spraint	Heardman C (2010M).
Near Sneem	V 68000 66700	Spraint and tracks	O'Donnell D (2010H).
area south of Ardnacuggin	V 62000 48900	Spraint and tracks	O'Donnell D (2010M).
cave/overhang on the northern bank opposite the outfall	V 90536 70754	Tracks	Anon (2009B).
Two sites between the N71 bridge at Kenmare Old and Roughty Bridge at the mouth of the River Roughty (2 sites).	V 91365 69989 V 92409 70246	Tracks/spraint/holt	Reid et al., 2013†
Sneem.	V 69117 66813	Tracks/spraint/holt	Reid et al., 2013†
Tahilla.	V 74375 65501	Tracks/spraint/holt	Reid et al., 2013†
Lauragh.	V 77505 58447	Tracks/spraint/holt	Reid et al., 2013†
Northern bank of Finnihy River.	V 90482 70736	Tracks/spraint/holt	Anon (2009B).
A site in the vicinity of Ardgroom.	V 68986 55708	Tracks/spraint/holt	Reid et al., 2013†
A site between Ardgroom and Kilcatherine Point.	V 64974 55670	Tracks/spraint/holt	Reid et al., 2013†
A site between Fay & Kilcatherine Pt.	V 61718 53261	Tracks/spraint/holt	Reid et al., 2013†
Travara	V 61660 48896	Tracks/spraint/holt	Reid et al., 2013†
Allihies	V 50695 44014	Tracks/spraint/holt	Reid et al., 2013†
A site between Lambs head and Dursey Island.	V 50695 41998	Tracks/spraint/holt	Reid et al., 2013†
A site between west Rath, Abbey Island and Derrynane.	V 53306 58032	Tracks/spraint/holt	Reid et al., 2013†
Illaundrane	V 63000 60600	Tracks/spraint/holt	Walsh 2013
Illaunleagh	V 58700 59500	Tracks/spraint/holt	Walsh 2013
2m island	V 57800 59200	Tracks/spraint/holt	Walsh 2013

3. Appendix 1: Map

A map displaying locations of otter sightings in the Kenmare Bay area is provided (see next page)



Location map

Legend

- Otter Spraint and tracks
- Otter Spraint
- Otter Tracks Spraint Holt
- Otter Tracks
- OtterSighted

Cartography

Ordnance Survey Ireland
Data derived from a number of datasets, as outlined in Appendix 9.

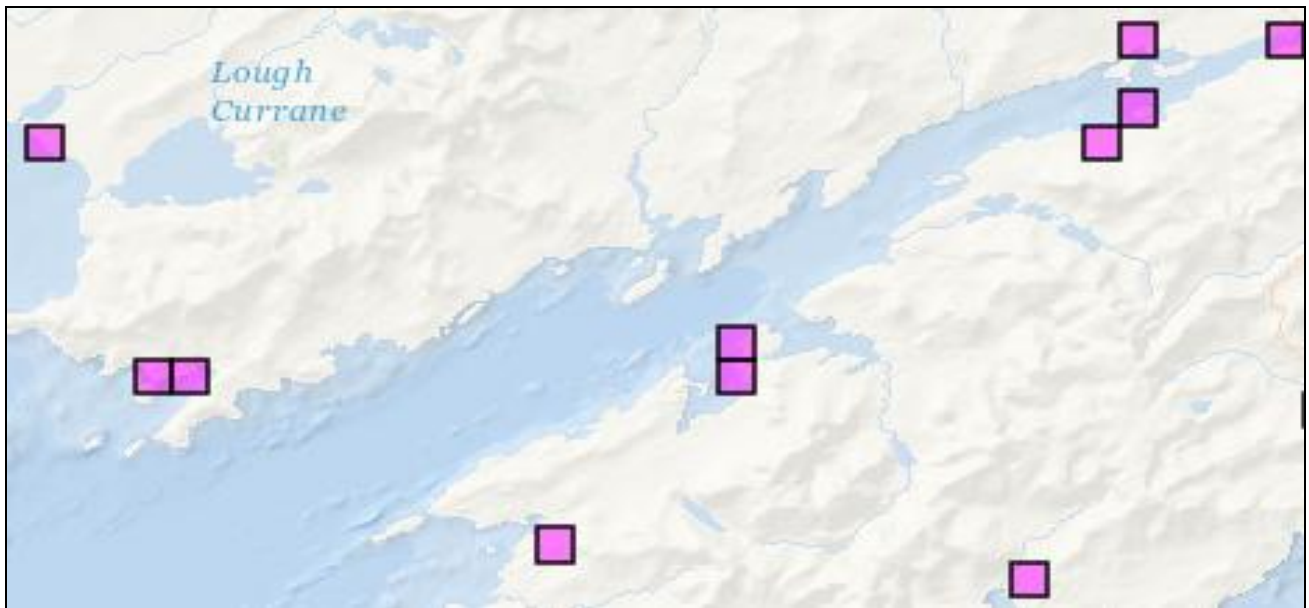
PREPARED BY		TITLE	
Dezso Sajer(BSc Eng)		Otter sightings	
PROJECT		DATE	
Kenmare Bay: Application to sustainably hand harvest Ascophyllum nodosum		02-JUL-2024	
Revision: A		DRAWING NUMBER	
SCALE 1:200,000		HRVST-KMRE-A-00214	
Projection:Transverse Mercator			
0 5 10 15 20 km			



4. Supplementary information

This section summarises additional otter sightings between 2016 to 2020, reported as part of the “Mammals of Ireland 2016-2025” and “Ireland's BioBlitz 2016” projects and databases. These sites were mapped separately using the “Biodiversity Maps” online tool on www.biodiversityireland.ie (see figure below) and the information was also used to develop the mitigation measures outlined in the Code of Practice (Appendix 4).

Kenmare River SAC			
Site	Coordinates	Record of Otter occurrence	Reference
Greenane	51°52'11.92" N, 9°39'29.65" W	Otter sighted	Mahony M (2017A).
Collorus, Adrgroom	51°46'30.11" N, 9°50'55.25" W	Otter sighted	Brazier B (2017).
Kenmare Bay	51°50'42.04" N, 9°39'10.25" W	Otter sighted	Dawson A (2017).
Kenmare Bay	51°50'34.05" N, 9°40'14.93" W	Otter sighted	Crushell P (2017).



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