

Fall of Warness Berth 2: Removal of Tripod Foundation – Marine Licence Extension

Location

Fall of Warness Berth 2 and Sheltered Area

The tripod foundation is currently located at test berth 2, which is centred around 59°08.17'N, 002°48.30'W. The area at test berth 2 required for works has the boundary points outlined in Table 1.

Table 1. Proposed licence area for removal activities at berth 2

Location	Latitude	Longitude	Easting	Northing
2A	59° 08.264'N	002° 48.571'W	510900E	6555406N
2B	59° 08.337'N	002° 48.294'W	511164E	6555542N
2C	59° 08.027'N	002° 48.325'W	511146E	6554963N
2D	59° 08.097'N	002° 48.042'W	511406E	6555099N

Within the Fall of Warness test site, it is anticipated that once the initial pile cutting has taken place the tripod will be lifted to a sheltered, shallower location further inshore. The boundaries of this proposed sheltered area are provided in Table 2 below.

Table 2. Proposed licence area for inshore dismantling activities at Fall of Warness

Location	Latitude	Longitude	Easting	Northing
1A	59° 09.697'N	002° 48.334'W	511118E	6558066N
1B	59° 09.673'N	002° 48.098'W	511343E	6558022N
1C	59° 09.331'N	002° 48.501'W	510961E	6557386N
1D	59° 09.304'N	002° 48.244'W	511206E	6557337N

The following figure, Figure 1, provides an overview of these two proposed licence areas, relative to the tidal test site.

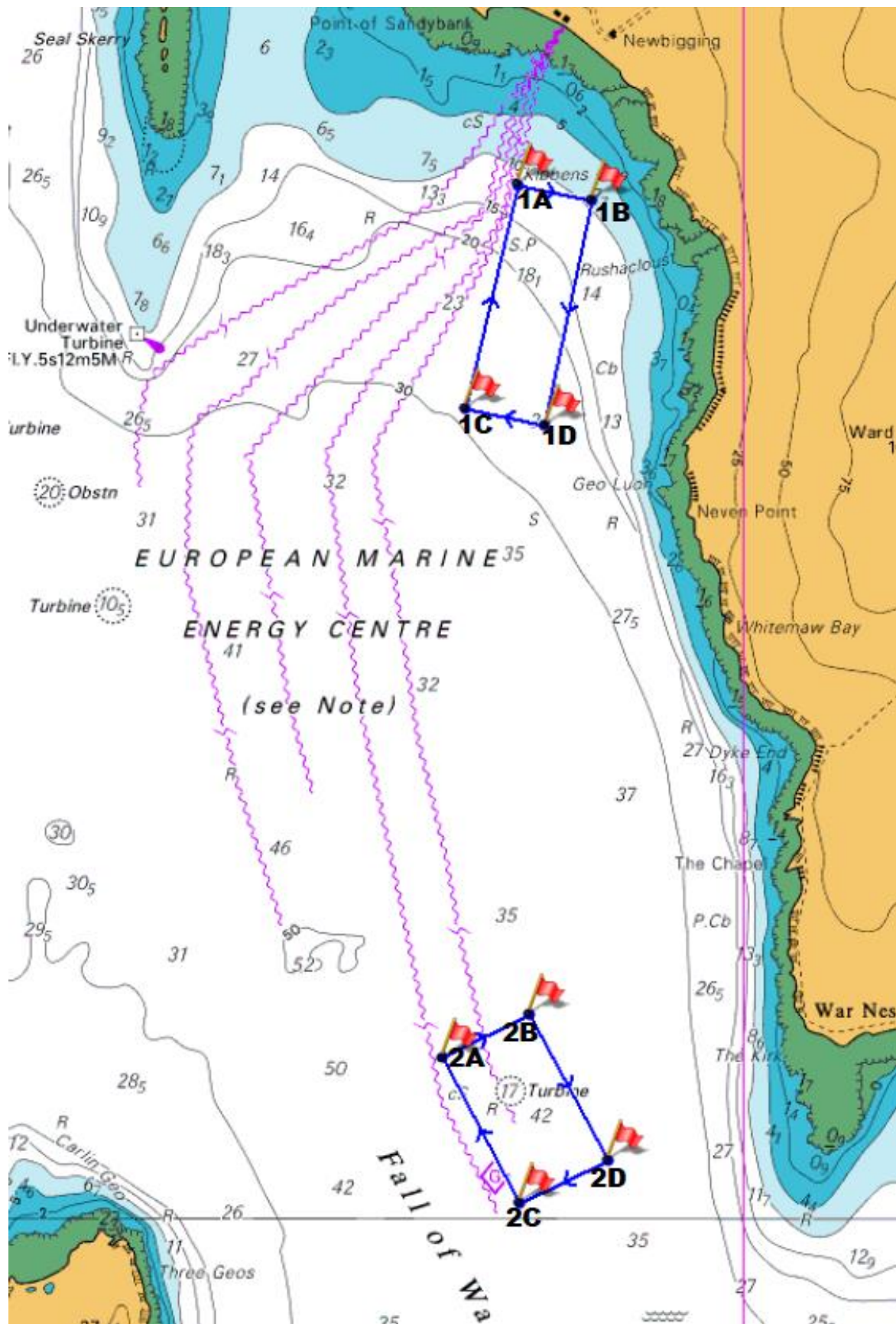


Figure 1. Proposed licence areas at Fall of Warness

Shapinsay Sound

In addition, it may be necessary to use EMEC's Shapinsay Sound scale tidal test site, as an area to conduct further dismantling of the tripod substructure. The area selected within the site to conduct such work will be agreed with the regulator prior to conducting the work. Table 3 provides the boundary coordinates of the scale tidal test site which is situated adjacent to Orkney Mainland, within Shapinsay Sound.

Table 3. Boundary coordinates (WGS 84) for Shapinsay Sound scale test site

Test Site	Corner 1	Corner 2	Corner 3	Corner 4
Shapinsay Sound	59° 00.45'N 002° 53.35'W	58° 59.72'N 002° 52.05'W	59° 00.20'N 002° 51.75'W	59° 00.00'N 002° 53.56'W

Figure 2 below shows the Crown Estate lease boundary of the scale tidal test site.

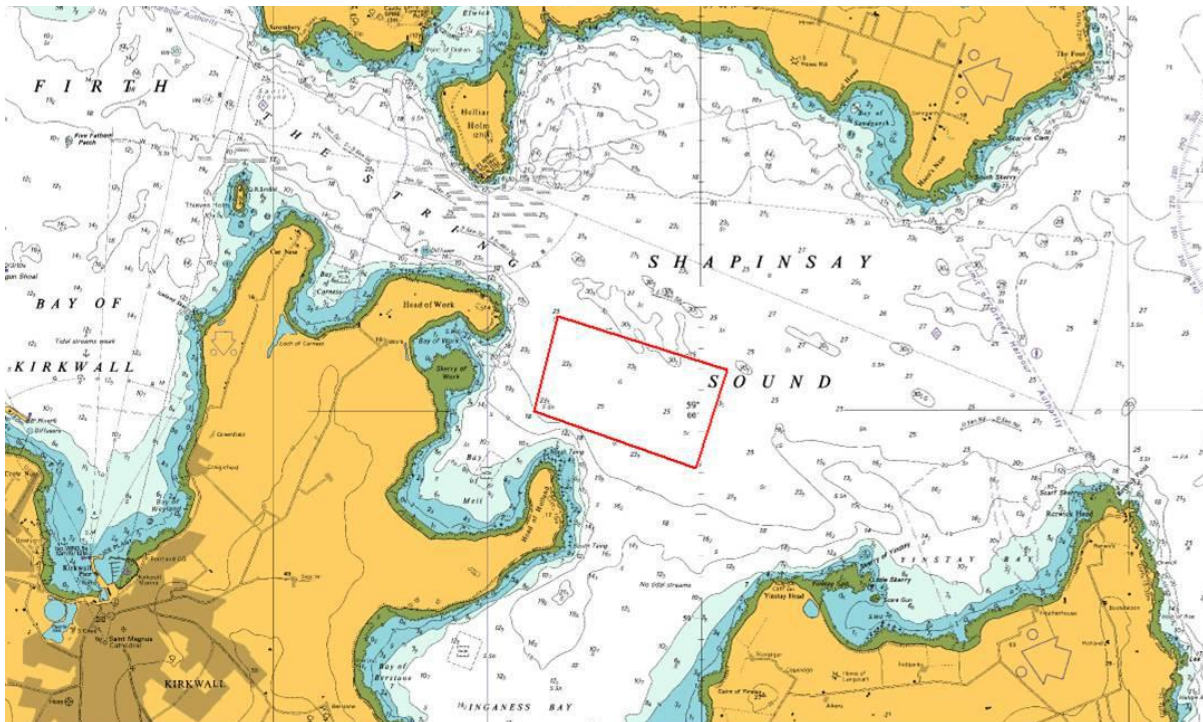


Figure 2. Shapinsay Sound scale test site (marked in red)