



**AQUIND Limited**

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## **AQUIND INTERCONNECTOR**

### **Environmental Statement Addendum – Appendix 4 - Figure 2 Additional Information on Herring Spawning**

The Planning Act 2008

The Infrastructure Planning (Applications: Prescribed Forms and Procedure) Regulations 2009 – Regulation 5(2)(a)

The Infrastructure Planning (Environmental Impact Assessment) Regulations 2017

Document Ref: 7.8.1.4

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**AQUIND Limited**

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# **AQUIND INTERCONNECTOR**

Environmental Statement Addendum –  
Appendix 4 - Figure 2 Additional Information  
on Herring Spawning

**PINS REF.: EN020022**

**DOCUMENT: 7.8.1.4**

**DATE: 6 OCTOBER 2020**

Units 5 & 10  
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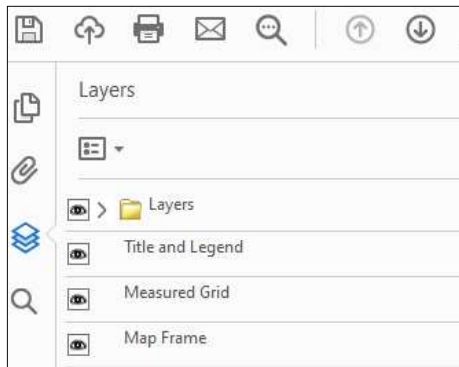
## DOCUMENT

<b>Document</b>	<b>Environmental Statement Addendum – Appendix 4 - Figure 2 Additional Information on Herring Spawning</b>
<b>Revision</b>	001
<b>Document Owner</b>	Natural Power Consultants Ltd.
<b>Prepared By</b>	SL
<b>Date</b>	11 September 2020
<b>Approved By</b>	AH
<b>Date</b>	11 September 2020

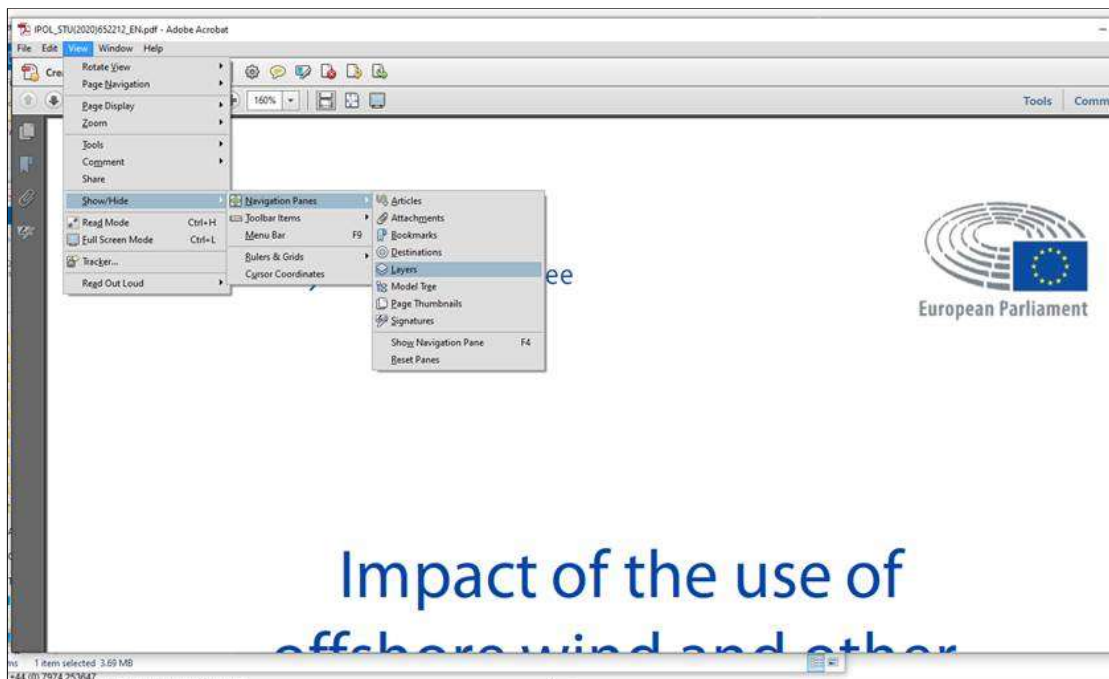
# 1. INSTRUCTIONS FOR USE

1.1.1.1. The map contained within this document is a layered PDF which includes data layers which can be turned on and off.

1.1.1.2. Accordingly, when the map is first opened only the basic layers are shown (e.g. the Marine Cable Corridor) and the additional different layers (and labels to layers) can be found in the navigation bar to the left of the screen which looks similar to the screenshot below:

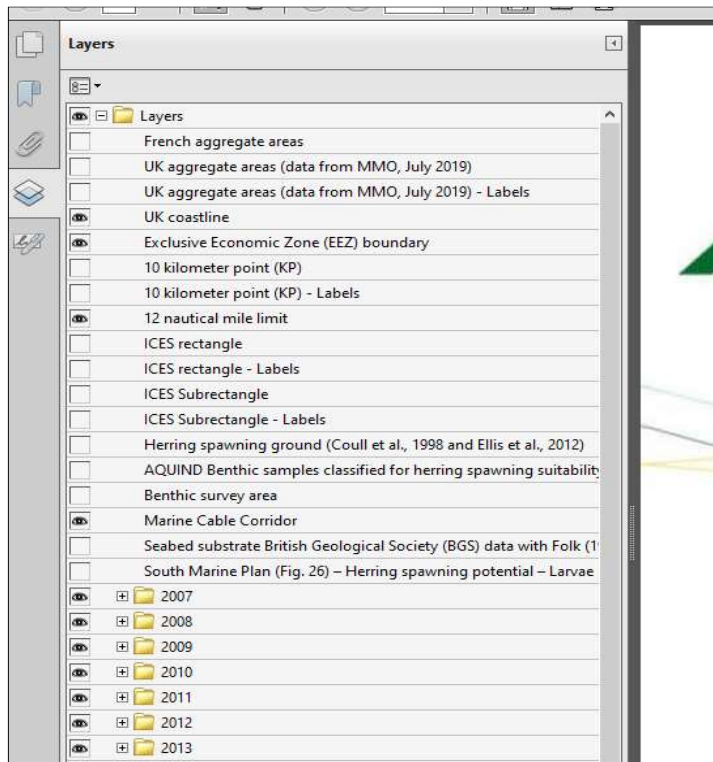


1.1.1.3. If the navigation bar does not automatically appear it can be opened by navigating to the Layers selection via 'View > Show/Hide > Navigation Pane > Layers', for example, as shown below (exact path may vary depending on the program used):



1.1.1.4. If the 'Layers' folder is still unavailable then, to ensure that the navigation bar can be viewed, the map, should be opened from the Planning Inspectorate website using the Internet Explorer browser, or alternatively, the map should be downloaded or saved to the Desktop and opened directly from there.

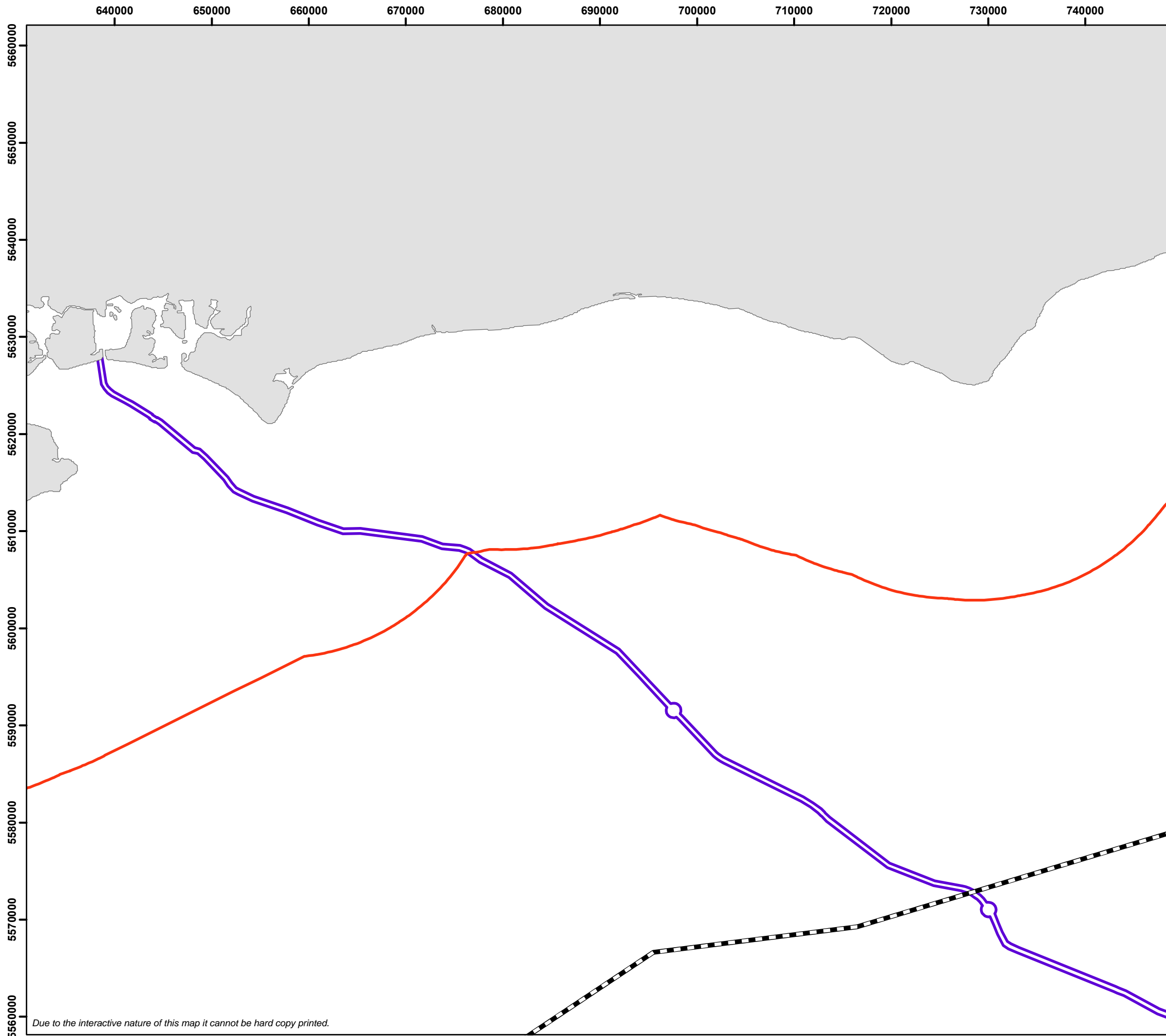
1.1.1.5. By opening up the 'Layers' folder in the navigation bar, different layers representing multiple International Herring Larvae Surveys ('IHLS') datasets and information can be turned on and off to interrogate the data by clicking on the box next to the layer label as shown in the screenshot below. There are also different folders for different year datasets as shown below:



1.1.1.6. The key on the right-hand side of the map covers all of the different information that can be shown on the map through turning each of the layers on and off.

1.1.1.7. It is important that when interrogating the data using the map only one IHLS data layer is switched on at a time.

1.1.1.8. In some instances, there are layers in the map that do not show any data (e.g. IHLS 2012 Start January Survey and IHLS 2012 End January Survey). These layers represent survey periods where no data were collected rather than there being any actual missing data from the map. As such, where no data were collected during a particular survey period, the layers are shown in the Layers folder with (No Data) before the survey period.



Project:  
**AQUIND Interconnector**

Title:  
**Figure 2 Additional Information on Herring Spawning**

**Key**

- █ French aggregate areas
- █ UK aggregate areas (data from MMO, July 2019)
- UK coastline
- Exclusive Economic Zone (EEZ) boundary
- 10 kilometer point (KP)
- 12 nautical mile limit
- ICES rectangle
- ICES subrectangle
- Herring spawning grounds (Coul et al., 1998 and Ellis et al., 2010)
- Benthic survey area
- Marine cable corridor

**Seabed substrate British Geological Society (BGS) data with Folk (1954) sediment classification**

- █ Preferred
- █ Marginal
- █ Unsuitable

**AQUIND benthic samples classified for herring spawning suitability as per MarineSpace et al., 2013**

- Preferred
- Marginal
- Unsuitable

**South Marine Plan (Fig. 26) – Herring spawning potential – Larvae number per m2**

- █ Low (4-12)
- █ Low to medium (13-24)
- █ Medium to high (25-35)
- █ Very high (36-42)

**IHLS Survey Period <11 mm (determined by total per m2) per subrectangle per year per sampling occasion**

- 0
- 0.1 - 10
- 10.1 - 100
- 100.1 - 1,000
- 1,000.1 - 10,000
- 10,000.1 - 20,000
- 20,000.1 - 25,597.4

**IHLS Average per Survey Period <11 mm (determined by total per m2) per subrectangle per sampling occasion**

- 0
- 0.1 - 100
- 100.1 - 1,000
- 1,000.1 - 5,000
- 5,000.1 - 7,131

**IHLS Average per Year <11 mm (determined by total per m2) per subrectangle**

- 0
- 0.1 - 500
- 500.1 - 1,000
- 1,000.1 - 2,000
- 2,000.1 - 3,000
- 3,000.1 - 5,000
- >5,000

**IHLS 2007-2017 - Sampling locations**

- 2007
- 2008
- 2009
- 2010
- 2011
- 2012
- 2013
- 2014
- 2015
- 2016
- 2017

**Scale @ A3: 1:400,000**  
Coordinate System: WGS 1984 UTM Zone 30N

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Date: 14-07-20      Prepared by: AW      Checked by: AJ

Ref: EN020022 – 7.8.1.4      NP Map: GB201394\_M\_138\_A

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Due to the interactive nature of this map it cannot be hard copy printed.

Notes: a) Information on this plan is directly reproduced from digital and other material from different sources. Minor discrepancies may therefore occur. Where further clarification is considered necessary, this is noted through the use of text boxes on the map itself. b) For the avoidance of doubt and unless otherwise stated: 1. this plan should be used for identification purposes only, unless specifically stated above or in accompanying documentation. 2. The Natural Power Consultants Limited accepts no responsibility for the accuracy of data supplied by third parties. 3. The Natural Power Consultants Limited accept no liability for any use which is made of this plan by a party other than its client. No third party who gains access to this plan shall have any claim against The Natural Power Consultants Limited in respect of its contents.