

Annex E – Impacts on Non-UK Vessels

Although impacts outside the UK are not formally assessed as part of UK policy impact assessments, the implications of designation to Non-UK commercial fishing Vessels are considered in deciding which sites to designate. This is because any management measure imposed at these sites has to be agreed at the EU level as it will need to be done through the Common Fisheries Policy to apply to all member states. Therefore, during the spring and summer of 2014, relevant member states were contacted to provide data on the revenues obtained in MCZs by their vessels by broad gear type.

The following provides an analysis of likely impacts on Non-UK vessels at particular sites¹. **It estimates revenues affected by potential management measures at particular sites but it is not comparable to impacts estimated for UK vessels which is based on lost Gross Value Added assuming some displacement occurs.** Actual impacts on Non-UK vessels will depend on ability to displace to other areas, Gross Value Added of their revenue to their particular member state and ability to displace, which is likely to be greater for such vessels as they have a large range due to their transnational nature and size. The best estimate revenues affected is based on a 75% displacement assumption as with UK vessels.

rMCZ	Baseline Annual Non-UK Revenues and Data Source(s) (£m/yr ² 2009-2013 average unless otherwise stated)	Annual Revenues Potentially Affected by Management (£m/yr 2009-2013 average unless otherwise stated)
Farnes East	France: <0.001 (Mobile, 2009 data) Source: Direction des Pêches Maritimes et de l' Aquaculture, pers. comm., 2012 ³ Netherlands: 0.002 (Bottom Trawls/ Dredges); 0.270 (All Other Gear Types) Source: IMARES, part of Wageningen UR, 2014 ⁴ Total Revenue Bottom Abrading Gears⁵: 0.003 Total Non-UK Revenue: 0.273	Best Estimate: 0.001 (0.000 - 0.003) dependent on management chose and ability to displace
Fulmar	Belgium: 0.005 (Bottom Trawls) Source: Departement Landbouw en Visserij, 2014 ⁶ Denmark: 0.008 (Bottom Trawls) ; 0.004 (Purse Seines) Source: DTU Aqua, 2014 Germany: 0.001 (Mid Water Otter Trawl)	None as all features have a maintain GMA at this site and so no additional management is anticipated

¹ Note: non-UK fishing vessels are not permitted to fish within 6nm of the UK coast unless historic access rights exist (e.g. North of Lundy) and so most entirely inshore sites are excluded from this analysis.

² Where Euros were given from member states, an exchange rate of €1:£0.80 is used to convert all values to £ sterling.

³ Following multiple requests for information through spring and summer 2014, French authorities were not able to provide updated data in time for the IA. Therefore, previously given data is used.

⁴ Report prepared for Defra for this IA can be found here: <http://edepot.wur.nl/309495>

⁵ Where gear type is not known or it is classed as 'mobile' it is assumed bottom abrading for the purposes of the IA

⁶ All Belgian data was given by ICES rectangle from Departement Landbouw en Visserij, 2014 and processed by MMO (pers. comm. 2014) to be MCZ and gear type specific based on the EU fleet register.

	<p>Source: Federal Office for Agriculture and Food (Bundesanstalt für Landwirtschaft und Ernährung), 2014</p> <p>Netherlands: 0.029 (Bottom Trawls); 0.003 (All Other Gear Types) Source: IMARES, part of Wageningen UR, 2014</p> <p>Total Revenue Bottom Abrading Gears: 0.042 Total Non-UK Revenue: 0.050</p>	
Greater Haig Fras	<p>France: 0.970 (Bottom Trawls/ Dredges, 2009 data); 0.081 (Static, 2009 data) Source: Direction des Pêches Maritimes et de l' Aquaculture, 2011</p> <p>Ireland: 0.216 (Bottom Abrading Mobile⁷); 0.021 (Static); 0.001 (Pelagic Trawl) Source: Marine Institute Ireland, 2014</p> <p>Spain: Unquantified but expected to be low, 2013 VMS indicates some low intensity (less than 10 hours fished) demersal trawl activity near but not within the site Source: Secretaría General de Pesca, 2014⁸ and Cefas (pers. comm. 2014)</p> <p>Total Revenue Bottom Abrading Gears: 1.186 Total Non-UK Revenue: 1.289</p>	<p>Best Estimate: 0.153 (0.000 – 1.288) dependent on management chose and ability to displace</p>
North-West of Jones Bank	<p>France: 0.502 (Bottom Trawls/ Dredges, 2009 data) Source: Direction des Pêches Maritimes et de l' Aquaculture, 2011</p> <p>Ireland: 0.311 (Bottom Abrading Mobile); 0.001 (Pelagic Trawl) Source: Marine Institute Ireland, 2014</p> <p>Spain: Unquantified but expected to be low, 2013 VMS indicates some low intensity (less than 10 hours fished) demersal trawl activity in the site which could be managed Source: Secretaría General de Pesca, 2014 and Cefas (pers. comm. 2014)</p> <p>Total Revenue Bottom Abrading Gears: 0.813 Total Non-UK Revenue: 0.814</p>	<p>Best Estimate: 0.102 (0.000 - 0.813) dependent on management chose and ability to displace</p>
Offshore Brighton	<p>Belgium: 0.023 (Bottom Trawls); 0.005 (Scottish Seines) Source: Departement Landbouw en Visserij, 2014</p>	<p>Best Estimate: 0.041 (0.000 - 0.471) dependent on management</p>

⁷ For Irish data gear type 'otter' not specified in more detailed and some gear types not given so assumed to be bottom abrading for purposes of IA.

⁸ Spanish authorities provided information on which tranche 2 zones have had activity over 2009-2013 but no what gear types or revenues obtained from those zones.

	<p>Denmark: 0.016 (Pelagic Trawl) Source: DTU Aqua, 2014</p> <p>France: 0.153 (Bottom Trawls/ Dredges, 2009 data); 0.001 (Static Gears, 2009 data) Source: Direction des Pêches Maritimes et de l' Aquaculture, 2011</p> <p>Germany: 0.123 (Mid Water Otter Trawl) Source: Federal Office for Agriculture and Food (Bundesanstalt für Landwirtschaft und Ernährung), 2014</p> <p>Netherlands: 0.007 (Bottom Trawls/ Dredges); 0.282 (Static); 0.261 (Mid Water Trawls) Source: IMARÉS, part of Wageningen UR, 2014</p> <p>Total Revenue Bottom Abrading Gears: 0.183 Total Non-UK Revenue: 0.871</p>	chose and ability to displace
Offshore Overfalls	<p>Belgium: 0.038 (Bottom Trawls) Source: Departement Landbouw en Visserij, 2014</p> <p>Denmark: 0.003 (Pelagic Trawl) Source: DTU Aqua, 2014</p> <p>France: 0.135 (Bottom Trawls / Dredges, 2009 data); <0.001 (Static, 2009 data) Source: Direction des Pêches Maritimes et de l' Aquaculture, 2011</p> <p>Germany: 0.011 (Mid Water Otter Trawl) Source: Federal Office for Agriculture and Food (Bundesanstalt für Landwirtschaft und Ernährung), 2014</p> <p>Total Revenue Bottom Abrading Gears: 0.173 Total Non-UK Revenue: 0.188</p>	Best Estimate: 0.082 (0.000m - 0.174) dependent on management chose and ability to displace
West of Walney including proposed co- location zone	<p>Belgium: 0.017 (Bottom Trawls) Source: Departement Landbouw en Visserij, 2014</p> <p>Denmark: 0.044 (Pelagic Trawl) Source: DTU Aqua, 2014</p> <p>Ireland: 0.024 (Otter Trawl) Source: Marine Institute Ireland, 2014</p> <p>Total Revenue Bottom Abrading Gears: 0.041 Total Non-UK Revenue: 0.085</p>	Best Estimate: 0.005 (0.000 - 0.041) dependent on management chose and ability to displace
Western Channel	<p>Belgium: 0.002 (Bottom Trawls) Source: Departement Landbouw en Visserij, 2014</p> <p>France: 2.301 (Bottom Trawls/ Dredges, 2009 data); 0.393 (Static Gear, 2009 data) Source: Direction des Pêches Maritimes et de l' Aquaculture, 2011</p>	Best Estimate: 0.601 (0.000 - 2.709) dependent on management chose and ability to displace

	<p>Germany: 0.035 (Mid Water Otter Trawl) Source: Federal Office for Agriculture and Food (Bundesanstalt für Landwirtschaft und Ernährung), 2014</p> <p>Ireland: 0.012 (Pelagic Trawl) Source: Marine Institute Ireland, 2014</p> <p>Netherlands: 0.001 (Bottom Trawls/ Dredges); 0.012 (Static); 0.067 (Mid Water Trawl) Source: IMARES, part of Wageningen UR, 2014</p> <p>Spain: Unquantified but expected to be low, VMS indicates no activity in the site since 2011 Source: Secretaría General de Pesca, 2014 and Cefas (pers. comm. 2014)</p> <p>Total Revenue Bottom Abrading Gears: 2.304</p> <p>Total Non-UK Revenue: 2.823</p>	
<p>All Applicable Tranche 2 sites</p>	<p>Total Revenue Bottom Abrading Gears: 4.745</p> <p>Total Non-UK Revenue: 6.393</p>	<p>Best Estimate: 0.985 (0.000 – 5.499) dependent on management chose and ability to displace</p>