



**EUROPEAN COMMISSION**  
DIRECTORATE-GENERAL FOR MARITIME AFFAIRS AND FISHERIES  
POLICY DEVELOPMENT AND CO-ORDINATION  
COMMON FISHERIES POLICY AND AQUACULTURE

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**FAX**

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**Subject:** **Fishing effort management schemes related to recovery and management plans in the Baltic Sea, the North Sea, to the Western waters, to the deep sea fisheries and review of fisheries located in the Celtic Sea.**

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**Message:**

Following a similar approach as has been implemented for the last eight years, the Commission will consult the STECF 'Working Group on fishing effort regime evaluations' on a review of fisheries regulated through fishing effort management schemes adopted in application of

- ✓ the long term plan for cod stocks [R(EC) No 1342/2008],
- ✓ the recovery plan for Southern hake and Norway lobster stocks in the Cantabrian Sea and Western Iberian peninsula [R(EC) No 2166/2005],
- ✓ the multi-annual plan for the North Sea plaice and sole stocks [R(EC) No 676/2007],
- ✓ the multi-annual plan of Western Channel sole stock [R(EC) No 509/2007],
- ✓ the multi-annual plan for the cod stocks in the Baltic Sea [R(EC) No 1098/2007],
- ✓ the multi-annual plan for the sustainable exploitation of the stock of sole in the Bay of Biscay [R(EC) No 388/2006],
- ✓ R(EC) No 2347/2002 establishing specific access requirements and associated conditions applicable to fishing for deep sea stocks, and

- ✓ R(EC) No 1954/2003 on the management of the fishing effort relating to certain Community fishing areas and resources – so called Western Waters regime..

The meetings of the STECF Working Group will take place from 17 to 21 June 2013 and from 07 to 11 October 2013. Similarly to last year, the Commission will consult the STECF Working Group on an analysis of fisheries located in the Celtic Sea which would be affected by a possible extension of effort management related to demersal stocks in that area.

The data call in 2013 considers only few but important changes as compared with the data call in 2012 in order to support STECF responses to its tasks related to effort regime evaluations. The only structural change is requested with regards to Baltic Sea fisheries capacity in Table D with one additional field. The requested aggregation level of the data call in 2013 also defines additional special conditions to support for the reviews of long term plan for cod stocks [R(EC) No 1342/2008, art. 13] and the allowances for additional fishing opportunities related to fully documented fisheries (FDF) in the Western Channel. The species list of Appendix 7 has been extended to include boarfish. In addition, the present call for nominal effort data specified in Table B covers fishing capacity in units of kW (field 12, FISHING\_CAPACITY) of all fisheries relevant to long term cod plan areas for the specified time periods.

The present data call distinguishes between and identifies DCF data aggregation:

- i) in relation to the compulsory provisions of the Commission Decision 2010/93/EU, and
- ii) in relation to the gentlemen agreement reached between the DG Mare and the Member States about the evaluation of the fishing effort regimes.

They will include:

- ✓ A synopsis of the biological status of the relevant resources;
- ✓ Details of historic effort deployed by all fishing vessels, even those of less than 10 m LOA included, in each fishery, segregated by gear type and by Member State, for the 2000-2012 time period;
- ✓ Details of historic catches (landings and discards) made by all fishing vessels, those of less than 10 m LOA included, in each fishery, segregated by age, by gear type and by Member State, for the 2003-2012 time period.

These data should characterise landings and discards structured by age for the period 2003-2012 and effort for the period 2000-2012.

**However, if a Member State considers that data already received by the JRC and handled by the STECF for the 2000-2011 or 2003-2011 time periods do not have to be updated, the Member State is invited to limit the answer to the data call to data for the year 2012. In cases where the Member State had not submitted, or only partially submitted the requested data for the periods 2000-2011 and 2003-2011, the Member State is requested to submit or re-submit the relevant data in full. Any submission and re-submission of data for the periods 2000-2011 or 2003-2011 shall consist of full annual data sets of any year of the defined periods.** In addition, Member States will be requested to provide relevant information explaining the need for update and the discrepancies possibly observed between the set of data submitted as answer to the last call and the set of data to be sent as answer to the current call.

To enable the STECF Working Group on fishing effort regime evaluations both to review such fishing effort management schemes and to analyse the fishing effort deployed in the Celtic Sea

fisheries, Member States are invited to provide, as soon as possible and no later than **03 May 2013**, data to the Commission and to the scientists who will attend the meeting.

The data format to be used, which has been discussed with the STECF secretariat, is described in annex II. Such completed data sets should be uploaded on the **JRC DCF data collection website** (<https://datacollection.jrc.ec.europa.eu/>) and put at the disposition of the STECF working groups by the intermediation of scientists who will form part of it.

Member States shall take note of the Data Validation Tool (provided by DG-JRC and downloadable from the respective website) and are encouraged to try it out in order to support the data submissions and enhance the data quality. In case of submitting files with a large number of records, the Tool provides the means for splitting the file in smaller sized files to facilitate the upload procedure.

Requests for complementary information related to this upload process may be requested through the following e-mail boxes:

[MAREA2@ec.europa.eu](mailto:MAREA2@ec.europa.eu)

[stecf-secretariat@jrc.ec.europa.eu](mailto:stecf-secretariat@jrc.ec.europa.eu)

Please note that STECF has repeatedly highlighted shortfalls in the data submitted by a number of Member States. Annex I shows a summary table of major problems in data coverage, timeliness, completeness or quality of data submissions by MS following the data call on effort and catches in 2012. These shortfalls continue to compromise the analysis and Member States are asked to pay special attention to providing missing data.

In addition, STECF highlighted several times that it had been unable to comment on the quality of the fleet specific estimates of total catches and discards, mainly due to lack of requested data quality parameters, i.e. number of discards samples, fish measured and aged.

**The Commission requests Member States to provide all available information on number of discards samples, fish measured and aged which were implemented during the time-series specified above and either for each metier or for each stock covered by the current call for data. It is recommended that MS authorities liaise with their experts who are expected to attend the STECF meetings to ensure this task is fulfilled.**

According to Article 8(4) and 8(5) of Regulation (EC) No 199/2008, reductions and suspensions of European Union financial assistance may be applied by the Commission in case of lack of transmission of the requested data by the Member States within the specified deadline. Therefore the Member States are encouraged to respect the above mentioned deadline and to provide all requested data.

We look forward to your cooperation.



Ernesto PENAS LADO  
Director

## Annex I.

### Summary table of major findings in the evaluation of Member States' submissions following the data call on effort and catches 2012

Member State	Major problems in data coverage, timeliness, completeness or quality
Belgium	<ul style="list-style-type: none"> <li>• Late submission of all tables due to technical problems.</li> <li>• No information submitted for vessels under 10m in length.</li> </ul>
Denmark	<ul style="list-style-type: none"> <li>• The data regarding small vessels (&lt;10m in Annex IIA and &lt;8m in Baltic) was observed to be erroneous (and thus largely underestimated) for data up to 2009.</li> <li>• Fishing activity (days at sea) in the Baltic up to 2007 is missing.</li> <li>• STECF EWG 12-06 noted that the Danish submissions do not cover the special conditions BACOMA or T90.</li> </ul>
Estonia	<ul style="list-style-type: none"> <li>• In catch and landings by rectangle data, the mesh sizes for fleet smaller than 12 meters are inconsistent with the data call.</li> <li>• Discards submitted only for flounder.</li> <li>• No effort data for fleets under 12 meters in length.</li> </ul>
Finland	<ul style="list-style-type: none"> <li>• Data submitted in an inconsistent with the definitions of the data call format together with a hint towards the data confidentiality clause in the DCF.</li> <li>• No mesh size information for any gear, over 10 m vessel length category used not defined in the data call, missing quarter information for all &gt;10 meter vessels, aggregated data for areas 24,25,26,27,28 into area 24-28, no rectangle information for effort (hence no effective fishing time available), no landings by rectangle data for 2003-2007 and missing rectangle information for landings by rectangle in area 24-28.</li> </ul>
France	<ul style="list-style-type: none"> <li>• No age information submitted. Missing for years 2009-2011.</li> <li>• Discards information available only for years 2010-2011. Missing for 2003-2009. Late submission of discards for 2011.</li> <li>• Late submission of 2011 landings by rectangle; missing 2003-2010 landings by rectangle data.</li> <li>• No fishing activity data for 2000 – 2009.</li> <li>• No fishing capacity data at all.</li> <li>• Many records with missing rectangle information for effort and landings by rectangle data submitted.</li> </ul>
Germany	<ul style="list-style-type: none"> <li>• Late submission of catch data for vessels under 10 meters in length with no discards information available.</li> </ul>
Ireland	<ul style="list-style-type: none"> <li>• No nominal effort, effective effort by rectangle and landings by rectangle information submitted for vessels under 10 meters in length.</li> </ul>
Latvia	<ul style="list-style-type: none"> <li>• STECF EWG 12-06 noted that 2003 – 2008 data for fleet specific effort for small boats (&lt;8m) were not provided</li> </ul>
Lithuania	<ul style="list-style-type: none"> <li>• Discards submitted only for cod.</li> </ul>
The Netherlands	<ul style="list-style-type: none"> <li>• Late submissions for all data tables requested.</li> <li>• Catch information available for years 2003-2008 only for 3 species, comparing to approximate 40 species for 2009-2011.</li> </ul>
Poland	<ul style="list-style-type: none"> <li>• Discards information for herring, sprat and flounder submitted only for 2011. For earlier years only discards on cod reported.</li> </ul>
Portugal	<ul style="list-style-type: none"> <li>• Discards and age information for 2003-2011 submitted in an inconsistent format as compared with the definitions of the official data call format. A note on the estimation of discards was submitted from Portugal.</li> <li>• Landings appear to be submitted in Kg and not in tonnes as requested in the data call.</li> <li>• No data on allowed activity were provided.</li> </ul>
Spain	<ul style="list-style-type: none"> <li>• No data provided. No data for 2010-2011.</li> </ul>
Sweden	<ul style="list-style-type: none"> <li>• No major issues to be reported.</li> </ul>
United Kingdom (Scotland)	<ul style="list-style-type: none"> <li>• No discard data for Norway lobster since 2009.</li> </ul>
United Kingdom (without Scotland)	<ul style="list-style-type: none"> <li>• Late submissions for all data tables.</li> <li>• Data submissions via files during the EWG 12-06 and not via the official channel which is the uploading facility on the data collection web site.</li> </ul>

## Annex II.

### **Format adapted from the latest fleet specific fishing effort and catch data call issued by the European Commission, DG Mare.**

All missing values (empty data cells) must be indicated by a -1.

**A. Catch data for 2012 (and the 2003-2011 time period if appropriate – see cover letter), aggregated (sum) by ID except for mean weight and length in landings and discards at age (arithmetic mean). Please ensure that data entries are fully consistent with coding given in Appendixes.**

1. ID (this is a unique identifier; e.g. the combination of country, year, quarter, gear, mesh size range, fishery or métier, and area; this is free text with a maximum of 40 characters without space)
2. COUNTRY (this should be given according to the code list provided in Appendix 1)
3. YEAR (this should be given in four digits), like 2004
4. QUARTER (this should be given as one digit), like 1, 2, 3, or 4
5. VESSEL\_LENGTH (vessel length should be given according to the code list provided in Appendix 2)
6. GEAR (gear should be given according to the code list provided in Appendix 3, which follows the EU data regulation 1639/2001)
7. MESH\_SIZE\_RANGE (the mesh size range should be given according to the code list provided in Appendix 4, which largely follows the Council regulation 850/98)
8. FISHERY (species complex and gear) or métier (species complex, gear and vessel characteristics) (this is free text with a maximum of 40 characters without space; this specification may include e.g. target species, roundfish area or quarter) (a fishery can encompass, e.g. more than one mesh size range; in this case separate records have to be provided, e.g. one for each mesh size range, with the same fishery identification)
9. AREA (the ICES division or sub-area should be given according to the code list provided in Appendix 5)
10. SPECON to be specified in accordance with Appendix 6, if SPECON is not available or not applicable, "-1" should be given. All landings, discards and other biological parameters falling under the Deep Sea regulations should be aggregated separately, indicated with SPECON=DEEP and appended to the data base. This will allow separate analyses of Deep Sea effort, without conflicts with other effort management schemes. **All landings, discards and other biological parameters of vessels participating in trials on fully documented fisheries in the Annex IIA areas (R(EU) no 43 and 44/2012) or in the Baltic Sea (R(EC) No 1098/2007) should be aggregated separately, indicated with SPECON=FDFlIA for the Annex IIA areas, SPECON=FDFlIC for the Annex IIC area and SPECON=FDFlBAL for the Baltic Sea and appended to the data base. This will allow separate analyses of data related to fully documented fisheries, without conflicts with other effort management schemes.**
11. SPECIES (the species should be given according to the code list provided in Appendix 7, which follows the Council Regulation EC 2287/2003)
12. LANDINGS (estimated landings in tonnes should be given; if age based information is present, this quantity should correspond to the sum of products)
13. DISCARDS (estimated discards in tonnes should be given; if age based information is present, this quantity should correspond to the sum of products)
14. NO\_SAMPLES\_LANDINGS (the number of TRIPS should be given that relate to landings only; a number should be given only if it relates to this fishery only; otherwise "-1" should be given)
15. NO\_LENGTH\_MEASUREMENTS\_LANDINGS (the number of length measurements should be given that relate to landings only; a number should be given only if it relates to this fishery only; otherwise "-1" should be given)
16. NO\_AGE\_MEASUREMENTS\_LANDINGS (the number of age measurements should be given that relate to landings only; a number should be given only if it relates to this fishery only; otherwise "-1" should be given)
17. NO\_SAMPLES\_DISCARDS (the number of TRIPS should be given that relate to discards only; a number should be given only if it relates to this fishery only; otherwise "-1" should be given)
18. NO\_LENGTH\_MEASUREMENTS\_DISCARDS (the number of length measurements should be given that relate to discards only; a number should be given only if it relates to this fishery only; otherwise "-1" should be given)

19. NO\_AGE\_MEASUREMENTS\_DISCARDS (the number of age measurements should be given that relate to discards only; a number should be given only if it relates to this fishery only; otherwise "-1" should be given)
20. NO\_SAMPLES\_CATCH (the number of TRIPS should be given that relate to catches only; a number should be given only if it relates to this fishery only; otherwise "-1" should be given)
21. NO\_LENGTH\_MEASUREMENTS\_CATCH (a number of length measurements should be given here if it relates to catch, i.e. landings and discards; a number should be given only if it relates to this fishery only; otherwise "-1" should be given)
22. NO\_AGE\_MEASUREMENTS\_CATCH (a number of age measurements should be given here if it relates to catch, i.e. landings and discards; a number should be given only if it relates to this fishery only; otherwise "-1" should be given)
23. MIN\_AGE (this is the minimum age in the data section; if minimum age and maximum age are both "-1", no age based data are given; otherwise age data must follow in the data section for each age in the age range MIN\_AGE to MAX\_AGE; minimum age and maximum age must either both be "-1" or both be not "-1")
24. MAX\_AGE (this is the true maximum age in the data section (no plus group is allowed); if minimum age and maximum age are both "-1", no age based data are given; otherwise age data must follow in the data section for each age in the age range MIN\_AGE to MAX\_AGE; minimum age and maximum age must either both be "-1" or both be not "-1")
25. Age 0 (years)=0
26. Age 0 No. Landed (thousands)
27. Age 0 MEAN Weight Landed (kg, precision in gram=3 digits after the comma)
28. Age 0 MEAN Length Landed (cm, precision in mm=1 digits after the comma)
29. Age 0 No. Discard (thousands)
30. Age 0 MEAN Weight Discard (kg, precision in gram=3 digits after the comma)
31. Age 0 MEAN Length Discard (cm, precision in mm=1 digits after the comma)
32. Age 1 (years)=1
33. Age 1 No. Landed (thousands)
34. Age 1 MEAN Weight Landed (kg, precision in gram=3 digits after the comma)
35. Age 1 MEAN Length Landed (cm, precision in mm=1 digits after the comma)
36. Age 1 No. Discard (thousands)
37. Age 1 MEAN Weight Discard (kg, precision in gram=3 digits after the comma)
38. Age 1 MEAN Length Discard (cm, precision in mm=1 digits after the comma)
39. Age 2 (years)=2
40. Age 2 No. Landed (thousands)
41. Age 2 MEAN Weight Landed (kg, precision in gram=3 digits after the comma)
42. Age 2 MEAN Length Landed (cm, precision in mm=1 digits after the comma)
43. Age 2 No. Discard (thousands)
44. Age 2 MEAN Weight Discard (kg, precision in gram=3 digits after the comma)
45. Age 2 MEAN Length Discard (cm, precision in mm=1 digits after the comma)
46. Age 3 (years)=3
47. Age 3 No. Landed (thousands)
48. Age 3 MEAN Weight Landed (kg, precision in gram=3 digits after the comma)
49. Age 3 MEAN Length Landed (cm, precision in mm=1 digits after the comma)
50. Age 3 No. Discard (thousands)
51. Age 3 MEAN Weight Discard (kg, precision in gram=3 digits after the comma)
52. Age 3 MEAN Length Discard (cm, precision in mm=1 digits after the comma)
53. Age 4 (years)=4
54. Age 4 No. Landed (thousands)
55. Age 4 MEAN Weight Landed (kg, precision in gram=3 digits after the comma)
56. Age 4 MEAN Length Landed (cm, precision in mm=1 digits after the comma)
57. Age 4 No. Discard (thousands)
58. Age 4 MEAN Weight Discard (kg, precision in gram=3 digits after the comma)
59. Age 4 MEAN Length Discard (cm, precision in mm=1 digits after the comma)
60. Age 5 (years)=5
61. Age 5 No. Landed (thousands)
62. Age 5 MEAN Weight Landed (kg, precision in gram=3 digits after the comma)
63. Age 5 MEAN Length Landed (cm, precision in mm=1 digits after the comma)
64. Age 5 No. Discard (thousands)
65. Age 5 MEAN Weight Discard (kg, precision in gram=3 digits after the comma)
66. Age 5 MEAN Length Discard (cm, precision in mm=1 digits after the comma)
67. Age 6 (years)=6
68. Age 6 No. Landed (thousands)

69. Age 6 MEAN Weight Landed (kg, precision in gram=3 digits after the comma)
70. Age 6 MEAN Length Landed (cm, precision in mm=1 digits after the comma)
71. Age 6 No. Discard (thousands)
72. Age 6 MEAN Weight Discard (kg, precision in gram=3 digits after the comma)
73. Age 6 MEAN Length Discard (cm, precision in mm=1 digits after the comma)
74. Age 7 (years)=7
75. Age 7 No. Landed (thousands)
76. Age 7 MEAN Weight Landed (kg, precision in gram=3 digits after the comma)
77. Age 7 MEAN Length Landed (cm, precision in mm=1 digits after the comma)
78. Age 7 No. Discard (thousands)
79. Age 7 MEAN Weight Discard (kg, precision in gram=3 digits after the comma)
80. Age 7 MEAN Length Discard (cm, precision in mm=1 digits after the comma)
81. Age 8 (years)=8
82. Age 8 No. Landed (thousands)
83. Age 8 MEAN Weight Landed (kg, precision in gram=3 digits after the comma)
84. Age 8 MEAN Length Landed (cm, precision in mm=1 digits after the comma)
85. Age 8 No. Discard (thousands)
86. Age 8 MEAN Weight Discard (kg, precision in gram=3 digits after the comma)
87. Age 8 MEAN Length Discard (cm, precision in mm=1 digits after the comma)
88. Age 9 (years)=9
89. Age 9 No. Landed (thousands)
90. Age 9 MEAN Weight Landed (kg, precision in gram=3 digits after the comma)
91. Age 9 MEAN Length Landed (cm, precision in mm=1 digits after the comma)
92. Age 9 No. Discard (thousands)
93. Age 9 MEAN Weight Discard (kg, precision in gram=3 digits after the comma)
94. Age 9 MEAN Length Discard (cm, precision in mm=1 digits after the comma)
95. Age 10 (years)=10
96. Age 10 No. Landed (thousands)
97. Age 10 MEAN Weight Landed (kg, precision in gram=3 digits after the comma)
98. Age 10 MEAN Length Landed (cm, precision in mm=1 digits after the comma)
99. Age 10 No. Discard (thousands)
100. Age 10 MEAN Weight Discard (kg, precision in gram=3 digits after the comma)
101. Age 10 MEAN Length Discard (cm, precision in mm=1 digits after the comma)
102. Age 11 (years)=11
103. Age 11 No. Landed (thousands)
104. Age 11 MEAN Weight Landed (kg, precision in gram=3 digits after the comma)
105. Age 11 MEAN Length Landed (cm, precision in mm=1 digits after the comma)
106. Age 11 No. Discard (thousands)
107. Age 11 MEAN Weight Discard (kg, precision in gram=3 digits after the comma)
108. Age 11 MEAN Length Discard (cm, precision in mm=1 digits after the comma)
109. Age 12 (years)=12
110. Age 12 No. Landed (thousands)
111. Age 12 MEAN Weight Landed (kg, precision in gram=3 digits after the comma)
112. Age 12 MEAN Length Landed (cm, precision in mm=1 digits after the comma)
113. Age 12 No. Discard (thousands)
114. Age 12 MEAN Weight Discard (kg, precision in gram=3 digits after the comma)
115. Age 12 MEAN Length Discard (cm, precision in mm=1 digits after the comma)
116. Age 13 (years)=13
117. Age 13 No. Landed (thousands)
118. Age 13 MEAN Weight Landed (kg, precision in gram=3 digits after the comma)
119. Age 13 MEAN Length Landed (cm, precision in mm=1 digits after the comma)
120. Age 13 No. Discard (thousands)
121. Age 13 MEAN Weight Discard (kg, precision in gram=3 digits after the comma)
122. Age 13 MEAN Length Discard (cm, precision in mm=1 digits after the comma)
123. Age 14 (years)=14
124. Age 14 No. Landed (thousands)
125. Age 14 MEAN Weight Landed (kg, precision in gram=3 digits after the comma)
126. Age 14 MEAN Length Landed (cm, precision in mm=1 digits after the comma)
127. Age 14 No. Discard (thousands)
128. Age 14 MEAN Weight Discard (kg, precision in gram=3 digits after the comma)
129. Age 14 MEAN Length Discard (cm, precision in mm=1 digits after the comma)
130. Age 15 (years)=15
131. Age 15 No. Landed (thousands)

132. Age 15 MEAN Weight Landed (kg, precision in gram=3 digits after the comma)
133. Age 15 MEAN Length Landed (cm, precision in mm=1 digits after the comma)
134. Age 15 No. Discard (thousands)
135. Age 15 MEAN Weight Discard (kg, precision in gram=3 digits after the comma)
136. Age 15 MEAN Length Discard (cm, precision in mm=1 digits after the comma)
137. Age 16 (years)=16
138. Age 16 No. Landed (thousands)
139. Age 16 MEAN Weight Landed (kg, precision in gram=3 digits after the comma)
140. Age 16 MEAN Length Landed (cm, precision in mm=1 digits after the comma)
141. Age 16 No. Discard (thousands)
142. Age 16 MEAN Weight Discard (kg, precision in gram=3 digits after the comma)
143. Age 16 MEAN Length Discard (cm, precision in mm=1 digits after the comma)
144. Age 17 (years)=17
145. Age 17 No. Landed (thousands)
146. Age 17 MEAN Weight Landed (kg, precision in gram=3 digits after the comma)
147. Age 17 MEAN Length Landed (cm, precision in mm=1 digits after the comma)
148. Age 17 No. Discard (thousands)
149. Age 17 MEAN Weight Discard (kg, precision in gram=3 digits after the comma)
150. Age 17 MEAN Length Discard (cm, precision in mm=1 digits after the comma)
151. Age 18 (years)=18
152. Age 18 No. Landed (thousands)
153. Age 18 MEAN Weight Landed (kg, precision in gram=3 digits after the comma)
154. Age 18 MEAN Length Landed (cm, precision in mm=1 digits after the comma)
155. Age 18 No. Discard (thousands)
156. Age 18 MEAN Weight Discard (kg, precision in gram=3 digits after the comma)
157. Age 18 MEAN Length Discard (cm, precision in mm=1 digits after the comma)
158. Age 19 (years)=19
159. Age 19 No. Landed (thousands)
160. Age 19 MEAN Weight Landed (kg, precision in gram=3 digits after the comma)
161. Age 19 MEAN Length Landed (cm, precision in mm=1 digits after the comma)
162. Age 19 No. Discard (thousands)
163. Age 19 MEAN Weight Discard (kg, precision in gram=3 digits after the comma)
164. Age 19 MEAN Length Discard (cm, precision in mm=1 digits after the comma)
165. Age 20 (years)=20
166. Age 20 No. Landed (thousands)
167. Age 20 MEAN Weight Landed (kg, precision in gram=3 digits after the comma)
168. Age 20 MEAN Length Landed (cm, precision in mm=1 digits after the comma)
169. Age 20 No. Discard (thousands)
170. Age 20 MEAN Weight Discard (kg, precision in gram=3 digits after the comma)
171. Age 20 MEAN Length Discard (cm, precision in mm=1 digits after the comma)

***B. Effort data for 2012 (and the 2000-2011 time period if appropriate – see cover letter), aggregated (sum) by ID***

1. ID (this is a unique identifier; e.g. the combination of country, year, quarter, gear, mesh size range, fishery or métier, and area; this is free text with a maximum of 40 characters without space)
2. COUNTRY (this should be given according to the code list provided in Appendix 1)
3. YEAR (this should be given in four digits)
4. QUARTER (this should be given as one digit)
5. VESSEL\_LENGTH (vessel length should be given according to the code list provided in Appendix 2)
6. GEAR (this identifies gear, and should be given according to the code list provided in Appendix 3, which follows largely the EU data regulation 1639/2001)
7. MESH\_SIZE\_RANGE (the mesh size range should be given according to the code list provided in Appendix 4, which follows largely the Council regulation 850/98)
8. FISHERY (species complex and gear) or métier (species complex, gear and vessel characteristics) (this is free text with a maximum of 40 characters without space; this specification may include e.g. target species, roundfish area or quarter)
9. AREA (the ICES division or sub-area should be given according to the code list provided in Appendix 5)
10. SPECON to be specified in accordance with Appendix 6, if SPECON is not available or not applicable, “-1” should be given. All landings, discards and other biological parameters falling under the Deep Sea regulations should be aggregated separately, indicated with SPECON=DEEP and appended to the data

base. This will allow separate analyses of Deep Sea effort, without conflicts with other effort management schemes. **All effort parameters of vessels participating in trials on fully documented fisheries in the Annex IIA areas (R(EU) no 43 and 44/2012) or in the Baltic Sea (R(EC) No 1098/2007) should be aggregated separately, indicated with SPECON=FDIIA for the Annex IIA areas, SPECON=FDIIC for the Annex IIC area and SPECON=DFBAL for the Baltic Sea and appended to the data base. This will allow separate analyses of data related to fully documented fisheries, without conflicts with other effort management schemes.**

11. FISHING\_ACTIVITY (mandatory only for effort belonging to the Baltic Sea cod plan, the Western Channel sole plan, and the Southern hake and *Nephrops* plan, for other plans – e.g. North Sea sole and plaice plan – or parameters this filed is optional; the nominal fishing activity should be given in days at sea – or days absent from port in the specific case of the Baltic Sea cod plan; if nominal fishing activity is not available, “-1” should be given).
12. FISHING\_CAPACITY (mandatory for effort belonging to the sole in the Bay of Biscay plan, the North Sea sole and plaice plan and the long term plan for cod stocks (each grouping of geographical areas separately) for other plans or parameters this filed is optional; the nominal fishing capacity should be given in gross tonnage, except for the North Sea sole and plaice plan and the long term plan for cod stocks where the fishing capacity will have to be expressed in kW; if nominal fishing capacity is not available, “-1” should be given)
13. NOMINAL\_EFFORT (effort should be given in kW-days, i.e. engine power in kW times days at sea; if nominal effort is not available, “-1” should be given)
14. GT\_DAYS\_AT\_SEA (effort should be given in gross tonnage \* days at sea; if the number is not available, “-1” should be given).
15. NO\_VESSELS (not for Baltic Sea cod plan), simple integer value of vessels, if the number is not available, “-1” should be given.

### **C. Specific effort data by rectangle for 2012 (and the 2003-2011 time period if appropriate – see cover letter), in units of fishing hours**

1. ID (this is a unique identifier; e.g. the combination of country, year, quarter, gear, mesh size range, fishery or métier, and area; this is free text with a maximum of 40 characters without space)
2. COUNTRY (this should be given according to the code list provided in Appendix 1)
3. YEAR (this should be given in four digits)
4. QUARTER (this should be given as one digit)
5. VESSEL\_LENGTH (vessel length should be given according to the code list provided in Appendix 2)
6. GEAR (this identifies gear, and should be given according to the code list provided in Appendix 3, which follows largely the EU data regulation 1639/2001).
7. MESH\_SIZE\_RANGE (the mesh size range should be given according to the code list provided in Appendix 4, which follows largely the Council regulation 850/98)
8. FISHERY (species complex and gear) or métier (species complex, gear and vessel characteristics) (this is free text with a maximum of 40 characters without space; this specification may include e.g. target species, roundfish area or quarter)
9. AREA (the ICES division or sub-area should be given according to the code list provided in Appendix 5).
10. SPECON to be specified in accordance with Appendix 6, if SPECON is not available or not applicable, “-1” should be given. All landings, discards and other biological parameters falling under the Deep Sea regulations should be aggregated separately, indicated with SPECON=DEEP and appended to the data base. This will allow separate analyses of Deep Sea effort, without conflicts with other effort management schemes. **The effort parameter of vessels participating in trials on fully documented fisheries in the Annex IIA areas (R(EU) no 43/2012) or in the Baltic Sea (R(EC) No 1098/2007) should be aggregated separately, indicated with SPECON=FDIIA for the Annex IIA areas, SPECON=FDIIC for the Annex IIC area and SPECON=DFBAL for the Baltic Sea and appended to the data base. This will allow separate analyses of data related to fully documented fisheries, without conflicts with other effort management schemes.**
11. RECTANGLE (text, 4 letters like 44F6)
12. EFFECTIVE\_EFFORT (hours fished, simple long numerical integer)

**D. Fisheries capacity data of active fishing vessels in the Baltic Sea for 2012 (and the 2003-2011 time period if appropriate – see cover letter), fully aggregated (counts or sums as defined). Please ensure that data entries are fully consistent with coding given in Appendixes. Note the different time, area and gear aggregations defined in this table D as compared with table B definitions.**

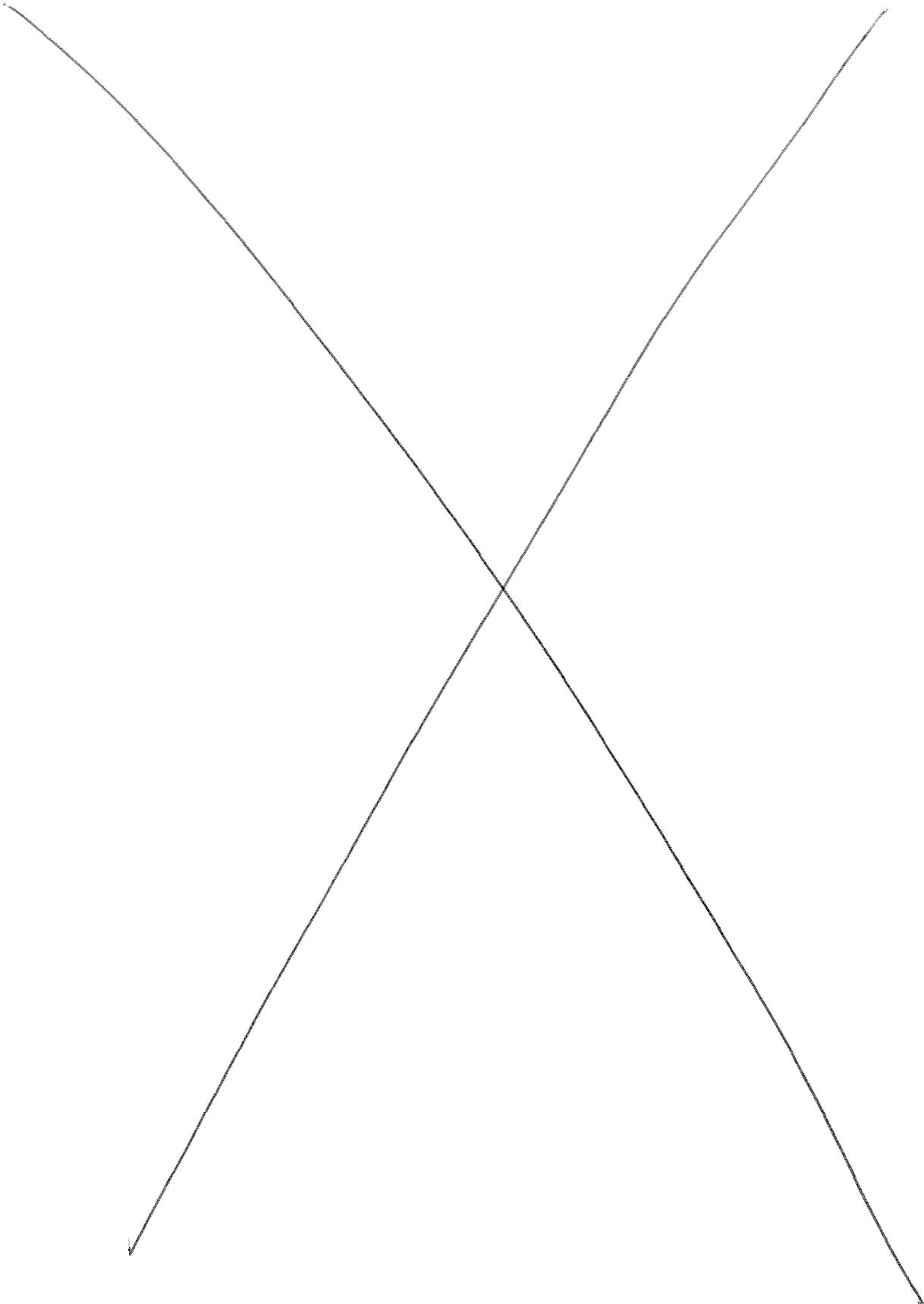
1. COUNTRY (this should be given according to the code list provided in Appendix 1)
2. YEAR (this should be given in four digits)
3. VESSEL\_LENGTH (vessel length should be given according to the code list provided in Appendix 2)
4. GEAR (use the code "REGGEAR" and aggregate all regulated gears<sup>1</sup> as defined in **COUNCIL REGULATION (EC) No 1098/2007** in case such regulated gear was used once or repeatedly, use the code "NONGEAR" and aggregate all other gears in case regulated gears were never used).
5. AREA (in accordance with definitions of **COUNCIL REGULATION (EC) No 1098/2007** use the code "A" for the vessels which have operated exclusively in ICES subdivisions 22-24, use the code "B" for the vessels which have operated exclusively in ICES subdivisions 25- 28, use the code "AB" for the vessels which have operated in both ICES subdivisions 22-24 and 25-28).
6. NO\_VESSELS (simple integer value of vessel counts, if the number is not available, "-1" should be given).
7. FISHING\_CAPACITY\_kW (to be summed in units of kW; if fishing capacity is not available, "-1" should be given)
8. FISHING\_CAPACITY\_GT (to be summed in units of gross tonnage; if fishing capacity is not available, "-1" should be given)
9. FISHING\_ACTIVITY\_DAYS (to be summed in units of days at sea, by country, year, vessel-length, area (A, or B) and gear, whereby regulated=REGGEAR or un-regulated=NONGEAR, as specified above)

<sup>1</sup>) regulated gears coded "REGGEAR" comprise fishing with trawls, Danish seines or similar gear (Appendix 3: OTTER, DEM\_SEINE, PEL\_TRAWL, PEL\_SEINE) of a mesh size equal to or larger than 90 mm, with gillnets (Appendix 3: GILL), entangling nets or trammel nets (Appendix 3: TRAMMEL) of a mesh size equal to or larger than 90 mm, with bottom set lines, longlines except drifting lines, handlines and jigging (Appendix 3: LONGLINE).

**E. Landings data by rectangle for 2003-2012 in tonnes**

1. ID (this is a unique identifier; e.g. the combination of country, year, quarter, gear, mesh size range, fishery or métier, and area; this is free text with a maximum of 40 characters without space)
2. COUNTRY (this should be given according to the code list provided in Appendix 1)
3. YEAR (this should be given in four digits)
4. QUARTER (this should be given as one digit)
5. VESSEL\_LENGTH (vessel length should be given according to the code list provided in Appendix 2)
6. GEAR (this identifies gear, and should be given according to the code list provided in Appendix 3, which follows largely the EU data regulation 1639/2001).
7. MESH\_SIZE\_RANGE (the mesh size range should be given according to the code list provided in Appendix 4, which follows largely the Council regulation 850/98)
8. FISHERY (species complex and gear) or métier (species complex, gear and vessel characteristics) (this is free text with a maximum of 40 characters without space; this specification may include e.g. target species, roundfish area or quarter)
9. AREA (the ICES division or sub-area should be given according to the code list provided in Appendix 5).
10. SPECON to be specified in accordance with Appendix 6, if SPECON is not available or not applicable, "-1" should be given. All landings, discards and other biological parameters falling under the Deep Sea regulations should be aggregated separately, indicated with SPECON=DEEP and appended to the data base. This will allow separate analyses of Deep Sea effort, without conflicts with other effort management schemes. The landings parameter of vessels participating in trials on fully documented fisheries in the Annex IIA areas (R(EU) no 43 and 44/2012) or in the Baltic Sea (R(EC) No 1098/2007) should be aggregated separately, indicated with SPECON=FDFIIA for the Annex IIA areas, SPECON=FDFIIC for the Annex IIC area and SPECON=FDFBAL for the Baltic Sea and appended to the data base. This will allow separate analyses of data related to fully documented fisheries, without conflicts with other effort management schemes.
11. RECTANGLE (text, 4 letters like 44F6)
12. SPECIES (the species should be given according to the code list provided in Appendix 7, which follows the Council Regulation EC 2287/2003)

13. LANDINGS (estimated landings in tonnes should be given, precision in Kg = 3 digits after the comma)



## Appendix 1

### *Country coding*

<b>COUNTRY</b>	<b>CODE</b>
Belgium	BEL
Denmark	DEN
Estonia	EST
Finland	FIN
France	FRA
Germany	GER
Ireland	IRL
Latvia	LAT
Lithuania	LIT
Netherlands	NED
Poland	POL
Portugal (mainland)	POR
Portugal (Azores)	PTA
Portugal (Madeira)	PTM
Spain (mainland)	SPN
Spain (Canaries islands)	SPC
Sweden	SWE
United Kingdom (Jersey)	GBJ
United Kingdom (Guernsey)	GBG
United Kingdom (Alderny/Sark/Herm)	GBC
United Kingdom (England and Wales)	ENG
United Kingdom (Isle of Man)	IOM
United Kingdom (Northern Ireland)	NIR
United Kingdom (Scotland)	SCO

**Appendix 2**  
**Vessel length coding**

According to the Data Collection Framework, Member States should be able to provide data characterising fisheries located in the Baltic Sea, the North Sea and the Western Waters and covering the year 2012 on the basis of the following segmentation of the fleet:

- Length over all shorter than 10 m.
- Length over all of 10 m. to shorter than 12 m.
- Length over all of 12 m. to shorter than 18 m.
- Length over all of 18 m. to shorter than 24 m.
- Length over all of 24 m. to shorter than 40 m
- Length over all of 40 m. or longer

However, to ensure consistency with the 2000-2011 or 2003-2011 time series already submitted in previous years and to ensure compliance with provisions adopted in legal texts supporting fishing effort regimes in the Baltic Sea, North Sea and Western Waters, Member States are requested to submit data according to the following segmentation:

**Fishing efforts regimes of the Kattegat, Skagerrak, North Sea and the Western Waters**

<b>Vessel length over all classes</b>	<b>Code</b>
Length over all shorter than 10 m.	u10m
Length over all of 10 m. to shorter than 15 m.	o10t15m
Length over all of 15 m. and over	o15m

**Fishing efforts regimes of the Baltic Sea**

<b>Vessel length over all classes</b>	<b>Code</b>
Length over all shorter than 8 m.	u8m
Length over all of 8 m. to shorter than 10 m.	o8t10m
Length over all of 10 m. to shorter than 12 m.	o10t12m
Length over all of 12 m. to shorter than 18 m.	o12t18m
Length over all of 18 m. to shorter than 24 m.	o18t24m
Length over all of 24 m. to shorter than 40 m	o24t40m
Length over all of 40 m. or longer	o40m

## Appendix 3

### Gear coding

TYPES OF FISHING TECHNIQUES			Gear code to be used when answering the data call	Gear code specified for métiers in App. IV of 2010//93/EU
<b>Mobile gears</b>	Beam trawls		BEAM	TBB
	Bottom trawls & demersal seines	Bottom otter trawls, Multi-rig otter trawls or Bottom pair trawls	OTTER	OTB, OTT, PTB
		Fly shooting seines, Anchored seines or Pair seines	DEM_SEINE	SSC, SDN, SPR
	Pelagic trawls & pelagic Seines	Midwater otter trawls or Midwater pair trawls	PEL_TRAWL	OTM, PTM
		Purse seines, Fly shooting seines or Anchored seines	PEL_SEINE	PS
	Dredges		DREDGE	DRB, HMD
<b>Passive gears</b>	Drifting longlines or Set longlines		LONGLINE	LHP, LHM, LTL, LLD, LLS
	Driftnets or Set gillnets ( <i>except Trammel Nets</i> )		GILL	GNS, GND
	Trammel Nets		TRAMMEL	GTR
	Pots & traps		POTS	FPO

## Appendix 4

### *Mesh size coding*

Mesh sizes (and selective devices) to be taken into account when evaluating catches and effort made in relation to metiers described in Appendix IV of the Commission Decision update decision no should be as follows:

- in relation to R(EC) No 88/98 and R(EC) No 2187/2005 for metiers observed in the Baltic Sea;
- in relation to R(EEC) No 1888/85, R(EEC) No 1638/87, R(EC) No 850/98, R(EC) No 2056/2001, R(EC) No 494/2002 for metiers observed in the North Sea and Western Atlantic;
- in relation to R(EC) No 850/98, R(EC) No 2549/2000, R(EC) No 2056/2001, R(EC) No 494/2002, R(EC) No 1386/2007 for metiers observed in the Northern Atlantic.

Nevertheless, to ease the process of submission of data linked to the current call, the Commission would suggest following the mesh size ranges specified in the table below:

<b>Gear type</b>	<b>Mesh size range</b>
<b>Mobile gears</b>	<16
	16-31
	32-54
	55-69
	70-79
	80-89
	90-99
	100-119
	$\geq 105^1$
	$\geq 120$
<b>Passive gears</b>	10-30
	31-49
	50-59
	60-69
	70-79
	80-89
	90-99
	100-109
	110-149
	110-156 <sup>2</sup>
	150-219
	157-219 <sup>2</sup>
	$\geq 220$
-1 <sup>3</sup>	

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<sup>1</sup> To be used for mobile gears in the context the fishing effort management scheme applied in the Baltic Sea

<sup>2</sup> To be used for passive gears in the context the fishing effort management scheme applied in the Baltic Sea

<sup>3</sup> To be used only with longlines.

## Appendix 5

### Area coding by WG, ICES statistical areas and IBSFC areas for Baltic

#### Baltic Sea

<i>IBSFC areas for Baltic</i>	<i>Codes in bold to be used in relation to the compulsory provisions of the Commission Decision 2010/93/EU</i>	<i>Codes to be used in relation to the gentlemen agreement reached between the DG Mare and the Member States about the evaluation of the fishing effort regimes</i>
III.c.22	<b>22</b>	
III.c.23	<b>23</b>	
III.c.24	<b>24</b>	
III.c.25	<b>25</b>	
III.c.26	<b>26</b>	
III.c.27	<b>27</b>	
III.c.28	<b>28<sup>3</sup></b>	
III.c.28.2		<b>28.2</b>
III.d.29	<b>29</b>	
III.d.30	<b>30</b>	
III.d.31	<b>31</b>	
III.d.32	<b>32</b>	

#### North Sea, Skagerrak, Kattegat and Eastern Channel

<i>ICES statistical areas</i>	<i>Codes in bold to be used in relation to the compulsory provisions of the Commission Decision 2010/93/EU</i>	<i>Codes to be used in relation to the gentlemen agreement reached between the DG Mare and the Member States about the evaluation of the fishing effort regimes</i>
II EU waters	(2)	<b>2 EU</b>
III.a.N	(3a)	<b>3an</b>
III.a.S		<b>3as</b>
IV	<b>4</b>	
VII.d	<b>7d</b>	

<sup>3</sup> Area 28.2 included.

## Northern Shelf

<i>ICES statistical areas</i>	<i>Codes in bold to be used in relation to the compulsory provisions of the Commission Decision 2010/93/EU</i>	<i>Codes to be used in relation to the gentlemen agreement reached between the DG Mare and the Member States about the evaluation of the fishing effort regimes</i>
I	(1)	1 COAST <sup>7</sup>
II non EU waters	(2)	1 RFMO <sup>8</sup> 2 COAST 2 RFMO
V.a	<b>5a</b>	
V.b EU waters	(5b)	<b>5b EU<sup>9</sup></b>
V.b non EU waters		<b>5b COAST</b> <b>5b RFMO</b>
VI.a	<b>6a</b>	
VI.b EU waters	(6b)	<b>6b EU</b>
VI.b non EU waters		<b>6b RFMO</b>
VII.a	<b>7a</b>	
VII Biological Sensitive Area		<b>BSA<sup>10</sup></b>
VII.b	<b>7b<sup>4</sup></b>	
VII.c EC Waters	(7c)	<b>7c EU</b> <b>7c RFMO</b>
VII.e	<b>7e</b>	
VII.f	<b>7f</b>	
VII.g	<b>7g<sup>5</sup></b>	
VII.h	<b>7h<sup>6</sup></b>	
VII.j EU waters	(7j)	<b>7j EU<sup>11</sup></b>

<sup>4</sup> ICES statistical rectangles of ICES division VIIb and corresponding to the BSA shall be included.

<sup>5</sup> ICES statistical rectangles of ICES division VIIg and corresponding to the BSA shall be included.

<sup>6</sup> ICES statistical rectangles of ICES division VIIh and corresponding to the BSA shall be included.

<sup>7</sup> COAST will refer to waters under jurisdiction of a non-EU coastal state.

<sup>8</sup> RFMO will refer to waters where fisheries are managed through RFMOs.

<sup>9</sup> 5b EU will have to be considered as covering the following ICES statistical rectangles: 49D6, 49D7, 49D8, 49D9, 49E0, 49E1, 49E2, 49E3, 49E4, 50E5.

<sup>10</sup> BSA (Biological Sensitive Area) will have to be considered as covering the following ICES statistical rectangles: 35D8, 35D9, 35E0, 35E1, 34D8, 34D9, 34E0, 34E1, 33D8, 33D9, 33E0, 33E2, 32D8, 32D9, 32E0, 32E1, 32E2, 31D8, 31D9, 31E0, 31E1, 31E2, 30D9, 30E0, 30E1, 30E2, 29D9, 29E0, 29E1, 29E2, 28D9, 28E0, 28E1, 28E2.

VII.j non EU waters		<b>7j RFMO</b>
VII.k EU waters	(7k)	<b>7k EU</b>
VII.k non EU waters		<b>7k RFMO</b>
XII	<b>12</b>	
XIV.a	<b>14a</b>	<b>14a</b>
XIV.b	(14b)	<b>14b COAST</b>
		<b>14b RFMO</b>

### Southern Shelf

<i>ICES statistical areas</i>	<i>Codes in bold to be used in relation to the compulsory provisions of the Commission Decision 2010/93/EU</i>	<i>Codes to be used in relation to the gentlemen agreement reached between the DG Mare and the Member States about the evaluation of the fishing effort regimes</i>
VIII.a	<b>8a</b>	
VIII.b	<b>8b</b>	
VIII.c	<b>8c</b>	
VIII.d EU waters	(8d)	<b>8d EU</b>
VIII.d non EU waters		<b>8d RFMO</b>
VIII.e EU waters	(8e)	<b>8e EU</b>
VIII.e non EU waters		<b>8e RFMO</b>
IX.a	<b>9a</b>	
IX.b EU waters	(9b)	<b>9b EU</b>
IX.b non EU waters		<b>9b RFMO</b>
X EU waters	(10)	<b>10 EU</b>
X non EU waters		<b>10 RFMO</b>

### CECAF

<i>FAO statistical areas</i>	<i>Codes to be used in relation to the compulsory provisions of the Commission Decision 2010/93/EU</i>	<i>Codes to be used in relation to the gentlemen agreement reached between the DG Mare and the Member States about the evaluation of the fishing effort regimes</i>
34.1.1 EU waters		<b>34.1.1 EU</b>
34.1.1 non EU waters		<b>34.1.1 COAST</b>
34.1.2 EU waters		<b>34.1.2 EU</b>
34.1.2 non EU waters		<b>34.1.2 COAST</b>
		<b>34.1.2 RFMO</b>
34.1.3		<b>34.1.3 COAST</b>

<sup>11</sup> ICES statistical rectangles of ICES division VIIj and corresponding to the BSA shall be included.

34.2.0 EU waters 34.2.0 non EU waters		<b>34.1.3 RFMO</b> <b>34.2.0 EU</b> <b>34.2.0 COAST</b> <b>34.2.0 RFMO</b>
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## Appendix 6

**Coding of specific conditions related to the Cod Plan, to Annex IIB and IIC of R(EC) No 43 and 44/2012, to Deep Sea regulations, to Sole Bay of Biscay R(EC) No 388/2006, to fully documented fisheries and of Baltic Technical conditions in Council Regulation (EC) No 2187/2005**

### Specific conditions associated to fishing effort regimes

Condition	Code
<b>Cod Plan R(EU) No 1342/2008 (annex IIA of R(EU) 43 and 44/2012)</b>	
Effort deployed by those vessels granted the <1.5% derogation excluding them from the effort regime	CPart11
effort deployed by vessels operating in MS schemes under Article 13A	CPart13A
effort deployed by vessels operating in MS schemes under Article 13B	CPart13B
effort deployed by vessels operating in MS schemes under Article 13C	CPart13C
effort deployed by vessels operating in MS schemes under Article 13D	CPart13D
<b>Annex IIB of R(EU) No 43/2012</b>	
Less than 5 tons of hake and 2,5 tons of <i>Nephrops</i> in the catches	IIB72ab
<b>Baltic Technical Conditions</b>	
Gear equipped with a BACOMA	BACOMA
Gear equipped with a T90	T90
<b>Effort Regime in Deep Sea fisheries</b>	
Deep-water species	DEEP <sup>12</sup>
<b>Sole Bay of Biscay R(EC) No 388/2006</b>	
Special fishing permit (>2 tons of sole/A)	SBcIIIart5
<b>Fully documented fisheries R(EU) No 43 and 44/2012</b>	
Catch and effort data for 2012 for vessels participating in trials on fully documented fisheries in the annex IIA areas (art 7 R(EU) no 43/2012 and art 6 R(EU) no 44/2012)	FDFIIA
Catch and effort data for 2012 for vessels participating in trials on fully documented fisheries in the annex IIC areas (art 7 R(EU) no 43/2012)	FDFIIC
Catch and effort data for 2012 for vessels participating in trials on fully documented fisheries in the Baltic Sea.	FDFBAL

<sup>12</sup> Where the deep-sea species related effort is not identified by an métier-sampling exclusively for deep sea species under DCF, the effort should be identified as follows:

- (1) the gear is exclusively used in deep-sea fisheries;
- (2) catch of Deep Sea species retained >100kg (as per the Regulation), or
- (3) catch of Deep Sea species retained <100kg but the percentage of Deep Sea species ≥35%.

## Appendix 7

### Species coding according to Council Regulation (EC) No. 2298/2003

<b>Common name</b>	<b>Alpha-3 code</b>	<b>Scientific name</b>
1. Albacore	ALB	<i>Thunnus alalunga</i>
2. Alfonsinos	ALF	<i>Beryx spp.</i>
3. American plaice	PLA	<i>Hippoglossoides platessoides</i>
4. Anchovy	ANE	<i>Engraulis encrasicolus</i>
5. Anglerfish	ANF	<i>Lophiidae</i>
6. Antarctic icefish	ANI	<i>Champscephalus gunnari</i>
7. Arctic skate	RJG	<i>Raja hyperborea</i>
8. Atlantic catfish	CAT	<i>Anarhichas lupus</i>
9. Atlantic halibut	HAL	<i>Hippoglossus hippoglossus</i>
10. Atlantic salmon	SAL	<i>Salmo salar</i>
11. Atlantic thornyhead	TJX	<i>Trachyscorpia cristulata</i>
12. Baird's slickhead	ALC	<i>Alepocephalus bairdii</i>
13. Basking shark	BSK	<i>Cetorhinus maximus</i>
14. Bigeye tuna	BET	<i>Thunnus obesus</i>
15. Birdbeak dogfish	DCA	<i>Deania calcea</i>
16. Blackbelly rosefish	BRF	<i>Helicolenus dactylopterus</i>
17. Black cardinal fish	EPI	<i>Epigonus telescopus</i>
18. Black dogfish	CFB	<i>Centroscyllium fabricii</i>
19. Black scabbardfish	BSF	<i>Aphanopus carbo</i>
20. Blackfin icefish	SSI	<i>Chaenocephalus aceratus</i>
21. Blackmouth catshark	SHO	<i>Galeus melastomus</i>
22. Blue antimora	ANT	<i>Antimora rostrata</i>
23. Blue ling	BLI	<i>Molva dypterygia</i>
24. Blue marlin	BUM	<i>Makaira nigricans</i>
25. Blue whiting	WHB	<i>Micromesistius poutassou</i>
26. Bluefin tuna	BFT	<i>Thunnus thynnus</i>
27. Blunose sixgill shark	SBL	<i>Hexanchus griseus</i>
28. Capelin	CAP	<i>Mallotus villosus</i>
29. Cod	COD	<i>Gadus morhua</i>
30. Common mora	RIB	<i>Mora moro</i>
31. Common sole	SOL	<i>Solea solea</i>
32. Common shrimp	CSH	<i>Crangon crangon</i>

33. Crab	PAI	<i>Paralomis spp.</i>
34. Dab	DAB	<i>Limanda limanda</i>
35. Deep-sea red crab	KEF	<i>Chaceon affinis</i>
36. Edible Crab	CRE	<i>Cancer pagurus</i>
37. Eelpouts	ELZ	<i>Lycodes spp.</i>
38. European conger	COE	<i>Conger conger</i>
39. European perch	FPE	<i>Perca fluviatilis</i>
40. Flatfish, flounder	FLX	<i>Pleuronectiformes, Platichthys flesus</i>
41. Forkbeards	FOX	<i>Phycis spp.</i>
42. Frilled shark	HXC	<i>Chlamydoselachus anguineus</i>
43. Greater silver smelt	ARU	<i>Argentina silus</i>
44. Greenland halibut	GHL	<i>Reinhardtius hippoglossoides</i>
45. Grenadier	GRV	<i>Macrourus spp.</i>
46. Great Atlantic Scallop	SCE	<i>Pecten maximus</i>
47. Great lantern shark	ETR	<i>Etmopterus princeps</i>
48. Greenland shark	GSK	<i>Somniosus microcephalus</i>
49. Grey rockcod	NOS	<i>Lepidonotothen squamifrons</i>
50. Gulper shark	GUP	<i>Centrophorus granulosus</i>
51. Haddock	HAD	<i>Melanogrammus aeglefinus</i>
52. Hake	HKE	<i>Merluccius merluccius</i>
53. Herring	HER	<i>Clupea harengus</i>
54. Horse mackerel	JAX	<i>Trachurus spp.</i>
55. Humped rockcod	NOG	<i>Gobionotothen gibberifrons</i>
56. Iceland catshark	APQ	<i>Apristurus laurussonii</i>
57. Kitefin shark	SCK	<i>Dalatias licha</i>
58. Knifetooth dogfish	SYR	<i>Scymnodon rigens</i>
59. Krill	KRI	<i>Euphausia superba</i>
60. Lantern fish	LAC	<i>Lampanyctus achirus</i>
61. Large-eyed rabbitfish	CYH	<i>Hydrolagus mirabilis</i>
62. Leafscale gulper shark	GUQ	<i>Centrophorus squamosus</i>
63. Lemon sole	LEM	<i>Microstomus kitt</i>
64. Ling	LIN	<i>Molva molva</i>
65. Lump sucker	LUM	<i>Cyclopterus lumpus</i>
66. Longnose velvet dogfish	CYP	<i>Centroscymnus crepidater</i>
67. Mackerel	MAC	<i>Scomber scombrus</i>
68. Marbled rockcod	NOR	<i>Notothenia rossii</i>
69. Mediterranean slimehead	HPR	<i>Hoplostethus mediterraneus</i>

70. Megrims	LEZ	<i>Lepidorhombus spp.</i>
71. Mouse catshark	GAM	<i>Galeus murinus</i>
72. Northern prawn	PRA	<i>Pandalus borealis</i>
73. Norway lobster	NEP	<i>Nephrops norvegicus</i>
74. Norway pout	NOP	<i>Trisopterus esmarki</i>
75. Norway redfish	SFV	<i>Sebastes viviparus</i>
76. Norwegian skate	JAD	<i>Raja nidarosiensis</i>
77. Orange roughy	ORY	<i>Hoplostethus atlanticus</i>
78. 'Penaeus' shrimps	PEN	<i>Penaeus spp</i>
79. Pike	FPI	<i>Esox lucius</i>
80. Pike perch	FPP	<i>Sander lucioperca</i>
81. Plaice	PLE	<i>Pleuronectes platessa</i>
82. Polar cod	POC	<i>Boreogadus saida</i>
83. Pollack	POL	<i>Pollachius pollachius</i>
84. Porbeagle	POR	<i>Lamna nasus</i>
85. Portuguese dogfish	CYO	<i>Centroscymnus coelolepis</i>
86. Rabbit fish	CMO	<i>Chimaera monstrosa</i>
87. Rays	RAJ	<i>Rajidae</i>
88. Redfish	RED	<i>Sebastes spp.</i>
89. Red Seabream	SBR	<i>Pagellus bogaraveo</i>
90. Risso's smooth-head	PHO	<i>Alepocephalus rostratus</i>
91. Roughead grenadier	RHG	<i>Macrourus berglax</i>
92. Roundnose grenadier	RNG	<i>Coryphaenoides rupestris</i>
93. Round ray	RJY	<i>Raja fyllae</i>
94. Sailfin roughshark	OXN	<i>Oxynotus paradoxus</i>
95. Saithe	POK	<i>Pollachius virens</i>
96. Sandeel	SAN	<i>Ammodytidae</i>
97. Scallop	KMV	<i>Chlamys livida</i>
98. Seabass	BSS	<i>Dicentrarchus labrax</i>
99. Short fin squid	SQI	<i>Illex illecebrosus</i>
100. Silver scabbardfish	SFS	<i>Lepidopus caudatus</i>
101. Skates	SRX	<i>Rajidae</i>
102. Smooth lantern shark	ETP	<i>Etmopterus pusillus</i>
103. Snow crab	PCR	<i>Chionoecetes spp.</i>
104. South Georgian icefish	SGI	<i>Pseudochaenichthys georgianus</i>
105. Spanish ling	SLI	<i>Molva macrophthalmus</i>
106. Spinous spider crab	SCR	<i>Maja squinado</i>

107. Sprat	SPR	<i>Sprattus sprattus</i>
108. Spurdog	DGS	<i>Squalus acanthias</i>
109. Straightnose rabbitfish	RCT	<i>Rhinochimaera atlantica</i>
110. Swordfish	SWO	<i>Xiphias gladius</i>
111. Toothfish	TOP	<i>Dissostichus eleginoides</i>
112. Tope shark	GAG	<i>Galeorhinus galeus</i>
113. Turbot	TUR	<i>Psetta maxima</i>
114. Tusk	USK	<i>Brosme brosme</i>
115. Unicorn icefish	LIC	<i>Channichthys rhinoceratus</i>
116. Velvet belly	ETX	<i>Etmopterus spinax</i>
117. White marlin	WHM	<i>Tetrapturus alba</i>
118. Whiting	WHG	<i>Merlangius merlangus</i>
119. Witch flounder	WIT	<i>Glyptocephalus cynoglossus</i>
120. Wreckfish	WRF	<i>Polyprion americanus</i>
121. Yellowfin tuna	YFT	<i>Thunnus albacares</i>
122. Yellowtail flounder	YEL	<i>Limanda ferruginea</i>
123. Boarfish	BOR	<i>Caproidae</i>