

The meetings of the STECF Working Group will take place from 11 to 15 June 2012 and from 24 to 28 September 2012. 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.

With the exception of one additional table of landings by ICES statistical rectangles and fisheries (see table E in the attached data call specifications), the data call is kept unchanged and requires the submission of 2011 data while previous periods shall be submitted or resubmitted as full annual data sets only in cases where the already submitted data are considered incomplete or require correction.

The additional table of landings by ICES statistical rectangle has been added to the data call in order to request STECF to provide scientific analyses on spatio-temporal patterns of fish catchability (fishing mortality standardized by fish abundance).

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 2000-2011 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 2003-2011 time period.

These data should characterise landings and discards structured by age for the period 2003-2011 and effort for the period 2000-2011.

However, if a Member State considers that data already received by the JRC and handled by the STECF for the 2000-2010 or 2003-2010 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 2011. In cases where the Member State had not submitted, or only partially submitted the requested data for the periods 2000-2010 and 2003-2010, 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 2000-2010 or 2003-2010 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 **04 May 2012**, 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 joined to this facsimile. 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 to Hans-Joachim Raetz and to Marco Traa through the following e-mail boxes:

Marco.traa@ec.europa.eu

hans-joachim.raetz@jrc.ec.europa.eu

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 data not submitted by MS following the data call on effort and catches in 2011. 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 data not submitted by MS following the data call on effort and catches 2011

Note 1: The data call concerned catch data by metier and ICES division disaggregated by age and length; nominal effort data by metier and ICES division; and effective fishing time by metier and statistical rectangle.

Note 2: the list does not concern the quality of data submitted, but only non-submission

Note 3: the data call 2011 only asked mandatorily for data concerning the year 2010, to be collected under the new DCF.

Member State	DCF data missing still at the STECF November Plenary (before finalisation of the effort working group report)	DCF data missing by end of May 2011 (expiry of the data submission deadline)
Sweden		
Finland	Catch and nominal effort data inconsistently aggregated No fish lengths and age No data on effective fishing time	Catch and nominal effort data inconsistently aggregated No fish lengths and age No data on effective fishing time
Estonia	No vessels u8m	No vessels u8m
Latvia	No discard data for 121 species (out of 122)	No discard data for 121 species (out of 122)
Lithuania	No discard data for 121 (out of 122) species	No discard data for 121 (out of 122) species
Poland	No discard data for 121 (out of 122) species	No discard data for 121 (out of 122) species
Germany		
Denmark		
Netherlands		
Belgium		
United Kingdom		
France	No age data.	No age data
Ireland		
Spain	No data at all for 2010	No data at all for 2010
Portugal	No discard data for 121 species (out of 122), no fish lengths and age data	No discard data for 121 species (out of 122), no fish lengths and age data

Annex II.

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

Data reports can be provided in Microsoft EXCEL 2003. All missing values (empty data cells) must be indicated by a -1.

You are kindly requested to stick this year to a simple table format which makes importing and exporting much more easily (in contrary to a sequential format).

A. Catch data for 2011 (and the 2003-2010 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 57/2011) or in the Baltic Sea (R(EC) No 1098/2007) should be aggregated separately, indicated with SPECON=DFIIA for the Annex IIA areas 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. 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 2011 (and the 2000-2010 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 metier, 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 57/2011) or in the Baltic Sea (R(EC) No 1098/2007) should be aggregated separately, indicated with SPECON=DFIIA for the Annex IIA areas 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 and the North Sea sole and plaice plan, 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 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 2011 (and the 2003-2010 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 metier, 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 57/2011) or in the Baltic Sea (R(EC) No 1098/2007) should be aggregated separately, indicated with SPECON=DFIIA for the Annex IIA areas 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 2011 (and the 2003-2010 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.

16. COUNTRY (this should be given according to the code list provided in Appendix 1)
17. YEAR (this should be given in four digits)
18. VESSEL_LENGTH (vessel length should be given according to the code list provided in Appendix 2)
19. GEAR (use the code “REGGEAR” and aggregate all regulated gears¹ 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).
20. 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).
21. NO_VESSELS (simple integer value of vessel counts, if the number is not available, “-1” should be given).
22. FISHING_CAPACITY_KW (to be summed in units of kW; if fishing capacity is not available, “-1” should be given)
23. FISHING_CAPACITY_GT (to be summed in units of gross tonnage; if fishing capacity is not available, “-1” should be given)

¹) 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 2003-2011 in tonnes

1. ID (this is a unique identifier; e.g. the combination of country, year, quarter, gear, mesh size range, fishery or metier, 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 57/2011) or in the Baltic Sea (R(EC) No 1098/2007) should be aggregated separately, indicated with SPECON=FDIIA for the Annex IIA areas 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. 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

COUNTRY	CODE
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 2011 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 2000-2010 or 2003-2010 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

Vessel length over all classes	Code
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

Vessel length over all classes	Code
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
Mobile gears	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
Passive gears	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:

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

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

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

³ 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	22	
III.c.23	23	
III.c.24	24	
III.c.25	25	
III.c.26	26	
III.c.27	27	
III.c.28	28³	
III.c.28.2		28.2
III.d.29	29	
III.d.30	30	
III.d.31	31	
III.d.32	32	

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)	2 EU
III.a.N	(3a)	3an
III.a.S		3as
IV	4	
VII.d	7d	

³ 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 ⁷ 1 RFMO ⁸
II non EU waters	(2)	2 COAST 2 RFMO
V.a	5a	
V.b EU waters	(5b)	5b EU ⁹
V.b non EU waters		5b COAST 5b RFMO
VI.a	6a	
VI.b EU waters	(6b)	6b EU
VI.b non EU waters		6b RFMO
VII.a	7a	
VII Biological Sensitive Area		BSA ¹⁰
VII.b	7b ⁴	
VII.c EC Waters	(7c)	7c EU 7c RFMO
VII.e	7e	
VII.f	7f	
VII.g	7g ⁵	
VII.h	7h ⁶	
VII.j EU waters	(7j)	7j EU ¹¹

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

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

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

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

⁸ RFMO will refer to waters where fisheries are managed through RFMOs.

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

¹⁰ 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		7j RFMO
VII.k EU waters	(7k)	7k EU
VII.k non EU waters		7k RFMO
XII	12	
XIV.a	14a	14a
XIV.b	(14b)	14b COAST
		14b RFMO

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	8a	
VIII.b	8b	
VIII.c	8c	
VIII.d EU waters	(8d)	8d EU
VIII.d non EU waters		8d RFMO
VIII.e EU waters	(8e)	8e EU
VIII.e non EU waters		8e RFMO
IX.a	9a	
IX.b EU waters	(9b)	9b EU
IX.b non EU waters		9b RFMO
X EU waters	(10)	10 EU
X non EU waters		10 RFMO

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		34.1.1 EU
34.1.1 non EU waters		34.1.1 COAST
34.1.2 EU waters		34.1.2 EU
34.1.2 non EU waters		34.1.2 COAST
		34.1.2 RFMO
34.1.3		34.1.3 COAST

¹¹ 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		34.1.3 RFMO 34.2.0 EU 34.2.0 COAST 34.2.0 RFMO
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Appendix 6

Coding of specific conditions related to the Cod Plan, to Annex IIB of R(EC) No 57/2011, 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
Cod Plan R(EU) No 1342/2008 (annex IIA of R(EU) 57/2011)	
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 13	CPart13
Annex IIB of R(EU) No 57/2011	
Less than 5 tons of hake and 2,5 tons of <i>Nephrops</i> in the catches	IIB72ab
Baltic Technical Conditions	
Gear equipped with a BACOMA	BACOMA
Gear equipped with a T90	T90
Effort Regime in Deep Sea fisheries	
Deep-water species	DEEP ¹²
Sole Bay of Biscay R(EC) No 388/2006	
Special fishing permit (>2 tons of sole/A)	SBcIIart5
Fully documented fisheries R(EU) No 57/2011	
Catch and effort data for 2011 for vessels participating in trials on fully documented fisheries in the annex IIA areas (art 7 R(EU) no 57/2011)	FDfIIA
Catch and effort data for 2011 for vessels participating in trials on fully documented fisheries in the Baltic Sea.	FDfBAL

¹² 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

Common name	Alpha-3 code	Scientific name
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 dypterigia</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>