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DCF FISHING EFFORT REGIMES DATA CALL 2013

COVERAGE REPORT

JRC G.04 FISHREG Data Collection Team

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European Commission
Joint Research Centre
Institute for the Protection and Security of the Citizen

Contact information
Data Collection Team
E-mail: datasubmission@jrc.ec.europa.eu
Tel.: 0039 0332 789343
Fax: 0039 0332 789658

<https://fishreg.jrc.ec.europa.eu/data-collection>
<http://ipsc.jrc.ec.europa.eu/>
<http://www.jrc.ec.europa.eu/>

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1 INTRODUCTION / BACKGROUND

DCF Coverage Reports are prepared by the DG Joint Research Centre (JRC). The Coverage Reports provide an overview of the timeliness and contents of the Member States' data submissions to JRC. JRC's evaluations of Member States' data submissions are based on data specifications defined in the various DCF data calls issued by DG MARE. In addition, the Coverage Reports summarise findings regarding major data omissions and data deficiencies detected by JRC and by Expert Working Groups convened under the STECF. The Coverage Reports may support end user feedback provided to DG MARE to facilitate the evaluation of EU Member States' compliance with DCF provisions.

The purpose of this report is to evaluate the data submitted by the Member States in response to the official data call on Fishing Effort Regimes as released by DG MARE and can be found in the Appendix I of this report.

The data submitted to JRC were used by STECF and the experts on the Expert Working Groups (EWGs) 13-06 and 13-13 in order to produce two reports on Evaluation of Fishing Effort Regimes in European Waters (Part – I, after the EWG 13-06 and Part – II, after the EWG 13-13).

The data was requested under the frameworks of the Data Collection Regulation (DCR); cf. Council regulation (European Commission (EC) No 199/2008 of 25th February 2008) However, the definitions of this data call can be considered in excess of the DCF provisions in agreement with Member States (gentlemen agreement) to cover the needs for management advice.

The fishing effort regimes under evaluation are:

- Eastern and Western Baltic,
- the Kattegat,
- the Skagerrak, North Sea, European waters in ICES Div.2 and the Eastern Channel,
- the West of Scotland,
- Irish Sea,
- Celtic Sea,
- Atlantic waters off the Iberian Peninsula,
- Western Channel,
- and the Bay of Biscay.

The data call requested data **ONLY** for the year **2012**. However, as stated in the official data call letter, if a Member State considered that data already received by the JRC and handled by the STECF for the years 2000-2010 (effort data) or 2003-2010 (catch data) needed to be updated, it was invited to do so. Otherwise the Member States were requested to limit the answer to the data call for the year **2012 only** (see Appendix I).

For evaluation purposes, three aspects of the Member States data submissions were considered in this report: 1) timeliness of the submissions (did they respect the submission deadline), 2) completeness (coverage) of the data submitted (were

all parameters provided for all years requested), and 3) quality; was the data of sufficient quality to allow provision of the requested scientific advice. The quality of a data set was evaluated during the EWG 13-06 and EWG 13-13 by the participant experts with the support of JRC experts.

Section two of this report presents the contents of the data call that was issued to the Member States. Section three contains information relating to procedures undertaken by the JRC to serve the data collection and to evaluate the validity and coverage of the data submitted. Section four contains an overall evaluation of Member States submissions, while section five looks at the timeliness, quality and coverage of each Member States data submissions.

2 FISHING EFFORT REGIMES DATA CALL CONTENTS

DG Mare called for Member States to submit fleet specific catch and effort data on 20 February 2013. The official data call letter and its specifications are documented on the STECF DCF web site: <https://datacollection.jrc.ec.europa.eu/data-calls>. JRC forwarded the data call by email to the relevant national correspondents on 20 February 2013. The deadline of the data call was set as 03 May 2013.

Following the positive comments from the data providers and the working group's experts, the Data Validation Tool, introduced in 2011, was again updated for this year's data call and was available on the STECF DCF web site on 10 April 2013.

The updated uploading facilities on the STECF DCF internet site were prepared with explanations, upload instructions and example files and were functional on 12 April 2013. The uploading facilities for the Fishing Effort Management Regime check on line files Member States submit and list to the user any inconsistencies found. This on line checking tool is able to identify wrong codifications, missing or wrong type values, duplicated data and wrong combination of values. The list of identified issues is reported to the data providers on screen and via a downloadable text file. The web application is compliant with the DV Tool described above. Where inconsistencies or missing data were found, the Member States were asked to check their data submissions and re-submit accordingly.

In addition to the review by JRC, the data were reviewed by the experts of the EWG 13-06, 17-21 June 2013, Brussels, Belgium, and EWG 13-13, 7-11 October, Barza D' Angera, Italy. Only during such meetings of experts can a thorough review of missing information not delivered in accordance with the data call and the recent trends in the numeric values be performed. The comments of the experts on the quality of the received data are available in the group's reports but also are included in this report.

The definition of the requested data tables of the 2013 Fishing Effort Regimes data call are given in Table 2.1 - Table 2.5.

Table 2.1 Requirements for 2012 A Catch data (and the 2003-2011 time period if appropriate)

| Field | Description |
|---------------------------------|--|
| ID | Unique identifier of free text |
| Country | Code list provided in Appendix 1 of the data call letter |
| Year | Should be given in four digits. |
| Quarter | Should be given in one digit. |
| Vessel length | Code list provided in Appendix 2 of the data call letter |
| Gear | Code list provided in Appendix 3 of the data call letter, which follows the EU data regulation 1639/2001 |
| Mesh size range | Code list provided in Appendix 4 of the data call letter, which largely follows the Council regulation 850/98 |
| Fishery | Species complex and gear, or métier (species complex, gear and vessel characteristics), free text with a maximum of 40 characters |
| Area | The ICES division or sub-area according to the code list provided in Appendix 5 of the data call letter |
| Specon | To be specified in accordance with Appendix 6 of the data call letter |
| Species | The species should be given according to the code list provided in Appendix 7 of the data call letter |
| Landings | Estimated landings in tonnes should be given; if age based information is present, this quantity should correspond to the sum of products |
| Discards | Estimated discards in tonnes should be given; if age based information is present, this quantity should correspond to the sum of products |
| 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 |
| 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 |
| 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 |
| 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 |
| 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 |
| 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 |
| No samples catch | The number of TRIPS should be given that relate to catches; a number should be given only if it relates to this fishery only |
| No length measurements catch | The number of length measurements should be given that relate to catches; a number should be given only if it relates to this fishery only |
| No age measurements catch | The number of age measurements should be given that relate to catches; a number should be given only if it relates to this fishery only |
| Min age | This is the minimum age in the data section |
| Max age | This is the true maximum age in the data section (no plus group is allowed) |
| Age no landed (thousands) | Age range 0 to 20 |
| Age mean weight landed (kg) | Age range 0 to 20 |
| Age mean length landed (cm) | Age range 0 to 20 |
| Age no discard (thousands) | Age range 0 to 20 |
| Age mean weight discard (kg) | Age range 0 to 20 |
| Age mean length discard (cm) | Age range 0 to 20 |

Table 2.2 Requirements for 2012 B Effort data (and the 2000-2011 time period if appropriate)

| Field | Description |
|------------------|---|
| ID | Unique identifier of free text |
| Country | Code list provided in Appendix 1 of the data call letter |
| Year | Should be given in four digits |
| Quarter | Should be given in one digit |
| Vessel length | Code list provided in Appendix 2 of the data call letter |
| Gear | Code list provided in Appendix 3 of the data call letter, which follows the EU data regulation 1639/2001 |
| Mesh size range | Code list provided in Appendix 4 of the data call letter, which largely follows the Council regulation 850/98 |
| Fishery | Species complex and gear, or métier (species complex, gear and vessel characteristics), free text with a maximum of 40 characters |
| Area | The ICES division or sub-area according to the code list provided in Appendix 5 of the data call letter |
| Specon | To be specified in accordance with Appendix 6 of the data call letter |
| | |
| 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. Days at sea – or days absent from port in the specific case of the Baltic Sea cod plan; |
| Fishing capacity | Mandatory for effort belonging to the sole in the Bay of Biscay plan, North Sea sole and plaice plan and cod plan areas. Fishing capacity to be given in gross tonnage for the Bay of Biscay plan, but kW for the other plans. |
| Nominal effort | kW.days (kW*days at sea) |
| GT days at sea | Gross tonnage * days at sea. |
| No vessels | Simple integer value of vessels (excludes Baltic Sea cod plan). |

Table 2.3 Requirements for 2012 C Specific Effort data by rectangle (and the 2003-2011 time period if appropriate)

| Field | Description |
|------------------|---|
| ID | Unique identifier of free text |
| Country | Code list provided in Appendix 1 of the data call letter |
| Year | Should be given in four digits |
| Quarter | Should be given in one digit |
| Vessel length | Code list provided in Appendix 2 of the data call letter |
| Gear | Code list provided in Appendix 3 of the data call letter, which follows the EU data regulation 1639/2001 |
| Mesh size range | Code list provided in Appendix 4 of the data call letter, which largely follows the Council regulation 850/98 |
| Fishery | Species complex and gear, or métier (species complex, gear and vessel characteristics), free text with a maximum of 40 characters |
| Area | The ICES division or sub-area given according to the code list provided in Appendix 5 of the data call letter |
| Specon | To be specified in accordance with Appendix 6 of the data call letter |
| Rectangle | Text, 4 letters |
| Effective Effort | Hours fished |

Table 2.4 Requirements for 2012 D Capacity data (and the 2003-2011 time period if appropriate) of active fishing vessels in the Baltic Sea

| Field | Description |
|-------------------------|--|
| Country | Code list provided in Appendix 1 of the data call letter |
| Year | Should be given in four digits |
| Vessel length | Code list provided in Appendix 2 of the data call letter |
| Gear | Use the code "REGGEAR" and aggregate all regulated gears as defined in EC 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 |
| 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. |
| No vessels | Integer values of vessel counts |
| Fishing capacity kW | Units of kW |
| Fishing capacity GT | Units of gross tonnage |
| Fishing activity (days) | Units of days at sea |

Table 2.5 Requirements for 2012 E Landings data by rectangle (and the 2003-2011 time period if appropriate).

| Field | Description |
|-----------------|---|
| ID | Unique identifier of free text |
| Country | Code list provided in Appendix 1 of the data call letter |
| Year | Should be given in four digits. |
| Quarter | Should be given in one digit. |
| Vessel length | Code list provided in Appendix 2 of the data call letter |
| Gear | Code list provided in Appendix 3 of the data call letter, which follows the EU data regulation 1639/2001 |
| Mesh size range | Code list provided in Appendix 4 of the data call letter, which largely follows the Council regulation 850/98 |
| Fishery | Species complex and gear, or métier (species complex, gear and vessel characteristics), free text with a maximum of 40 characters |
| Area | The ICES division or sub-area given according to the code list provided in Appendix 5 of the data call letter |
| Specon | To be specified in accordance with Appendix 6 of the data call letter |
| Rectangle | Text, 4 letters |
| Species | The species should be given according to the code list provided in Appendix 7 of the data call letter |
| Landings | Estimated landings in tonnes should be given. |

3 VALIDITY AND COVERAGE CHECKING PROCEDURES

JRC developed tools and checking procedures at different levels. Most of the validity checks were undertaken during the uploading while the data coverage was evaluated after the uploading. The overall quality of the data was evaluated by the expert working groups.

3.1 Checks carried out prior to uploading to JRC (Data Validation Tool)

The Data Validation (DV) tool is a set of macros developed in Visual Basic for Applications (VBA) and embedded in specifically designed template Excel Workbooks for the effort data call. The main purpose of this tool is to facilitate and support the Member States in uploading data which meet the requirements defined by DG Mare in the official DCF data call for fishing effort regime evaluations by STECF (Council Regulation 199/2008). The use of these Excel Template files is not mandatory. However, the data validation checks performed by the DV tool can significantly reduce the number of inconsistent records of files to be uploaded to the DCF web site, and hence facilitate the uploading procedure.

The tool is capable of checking national data stored in Excel rows against certain codifications and rules as requested in the effort data call. The checks are for syntactic but also semantic errors. The majority of the checks concern the use of valid codes listed in the various Appendixes of the data call and the type of the data entered (numeric or text). Erroneous data are identified, marked automatically with a red colour and can be easily corrected using a drop down list with valid codes provided by the Tool. Furthermore, with the DV Tool a user can examine if duplicated records in the aggregation level exist. However, the most important feature of the tool is the ability to check the use of valid combinations of the following variables: Gear, Mesh size range, Area and Specific condition. This is an important step, since these variables must have an appropriate combination of entries consistent with various fishery regulations.

In the current version of the Data Validation Tool (3.0) that was available for the 2013 Fishing Effort Regimes data call, there are five (5) template files available, named catch.xlsm, effort.xlsm, speffort.xlsm, capacity.xlsm and landings.xlsm for Office 2007 users, and five (5) template files, named catch.xls, effort.xls, speffort.xls, capacity.xls and landings.xls for Office 2003 users. These five files correspond to the five data tables as described in the effort data call. The tables requested by the data call are A Catch, B Effort, C Spatial Effort, D Capacity and E Landings.

Since it is a tool integrated in Excel Workbooks, all the Excel functions are still available. The Data Validation Tool files are available for download from the Data Collection Framework web site

<https://datacollection.jrc.ec.europa.eu/web/dcf/dc/effort>.

These basic checks and immediate feedback have contributed significantly to the overall improvement of the quality of the data submitted.

3.2 Checks carried out during the uploading procedure (Upload facilities)

During the data uploading procedure a number of automatic syntactic checks are carried out on the data. The majority of these checks are the same with the checks carried out from the DV Tool. Hence, if a Member State used the DV Tool in order to check that the data are error free with respect to the definitions of the data call, it will be assured that the data will be accepted successfully from the uploading facilities. In order for the Member States to submit the national data to the JRC databases they are required to use specific Excel templates when uploading the data (or export the data from the DV Tool). The templates can be accessed on the following link: <http://datacollection.jrc.ec.europa.eu/web/dcf/dc/effort>

The syntactic checks are carried out without any specific knowledge of what the data contains or its meaning. They inform JRC if the data is present or not and in the correct format. These checks automatically report if data do not conform to specific restrictions, such as ensuring textual data is validated against defined parameter lists e.g. species types, country codes, area codes etc. In addition, numeric data are checked to make sure they contain numbers and not strings, positive values, and/or mandatory values. As is with the case of the DV Tool, the application also performs semantic checks since it has the ability to check the use of valid combinations of the following variables: Gear, Mesh size range, Area and Specific condition. In the event of errors, messages are displayed to the person uploading the data on screen but are also available as plain downloadable txt files. Regardless of whether the data respects the code definitions or not the data is accepted and populates the tables of the database provided that the file submitted follows some general structure rules (i.e. is an Excel 2003 file, not corrupted, has the correct heading row and valid names for the Worksheets).

Member States received immediate feedback when attempting to upload their data submissions. This helped Member States to identify inconsistencies with their own data and to fix them without intervention from the data collection team. Intervention was generally only required on technical issues with the upload server, and more complex issues regarding the datasets.

These basic syntactic and semantic checks and immediate feedback have contributed significantly to the overall improvement of the quality of the data submitted.

3.3 Checks carried out after the uploading procedure

Once the datasets were successfully uploaded by the Member States, JRC evaluated how well the data fits with the definitions of the data call by checking the data coverage and searching for any deficiencies or omissions in the data. In case of abnormal or missing data the MS was contacted for clarification.

3.3.1 JRC data collection teams checks

For each Member State, checks are carried out to ensure that all the necessary data have been submitted. Since most parameters requested in this data call are not mandatory and no fully automated approach can be followed, a comparison between this year's and last year's submission was performed by JRC experts. If major differences between these two submissions were found, that was an indicator of an incomplete data set submission.

JRC communicated the results of all the Member States submissions to the relevant national correspondents whether or not the submission was successful. This way the Member States had the opportunity to confirm the data submitted and react to any results from the upload facility and especially for the use of non-valid parameter combinations.

On top of the results of the upload facility, different views (queries) on the data were applied and several omissions and data anomalies with respect to what was expected were detected. These issues were also communicated to the Member States.

Another important step in the data checks performed by JRC was the preparation of the data sets for the needs of the EWGs 13-06 and 13-13. This task includes discards raising, calculation of discard rates, CPUes, etc. This step offered another check on the data submitted and allowed for hidden anomalies to be detected.

3.3.2 Quality checks

During the EWG 13-06 and EWG 13-13 the experts are requested given the Terms of References to evaluate and comment on the quality of the submitted data. Most of these checks are performed manually, although some are fully or partially automated. Only during such meetings of experts can a thorough review of missing information not delivered in accordance with the data call and the recent trends in the numeric values be performed.

4 OVERALL EVALUATION

In this section, an overall evaluation of the timeliness and the contents of the Member States' data is given.

In general, the data submission from the Member States has improved over the years. The Member States have improved in respecting the deadline, reacting to comments on the data submitted and providing as complete and accurate data sets as possible. It is also recognised that the data structures requested and the definitions of this data call can be considered very complex and in excess of the DCF provisions in agreement with Member States (gentlemen agreement) to cover the needs for management advice.

In Table 4.1 an overview of the data submitted by the Member States in response to the 2013 Fishing Effort Regimes data call is given. It should be noted this table only indicates whether or not any data was submitted and does not refer to the coverage or the quality of the submitted data.

Table 4.1 Submitted data tables from the Member States. N/A=not applicable.

| Country | A_CATCH | B_EFFORT | C_SPECIFIC_EFFORT | D_CAPACITY | E_LANDINGS |
|-----------------------------------|---------|----------|-------------------|------------|------------|
| Belgium | Yes | Yes | Yes | N/A | Yes |
| Denmark | Yes | Yes | Yes | Yes | Yes |
| Estonia | Yes | Yes | Yes | Yes | Yes |
| Finland | Yes | Yes | Yes | Yes | Yes |
| France | Yes | Yes | Yes | N/A | Yes |
| Germany | Yes | Yes | Yes | Yes | Yes |
| Ireland | Yes | Yes | Yes | N/A | Yes |
| Latvia | Yes | Yes | Yes | Yes | Yes |
| Lithuania | Yes | Yes | Yes | Yes | Yes |
| The Netherlands | Yes | Yes | Yes | N/A | Yes |
| Poland | Yes | Yes | Yes | Yes | Yes |
| Portugal | Yes | Yes | Yes | N/A | Yes |
| Spain | Yes | Yes | Yes | N/A | Yes |
| Sweden | Yes | Yes | Yes | Yes | Yes |
| United Kingdom (Scotland) | Yes | Yes | Yes | N/A | Yes |
| United Kingdom (without Scotland) | Yes | Yes | Yes | N/A | Yes |

In Table 4.2 the dates of the first and the last submissions of any of the data tables requested are given. These dates consider also any submissions and re-submissions during the meetings or any official request to EWG or JRC experts to address any identified data deficiencies.

As shown in Table 4.2, most uploads were performed less than one week before the official deadline of data submission (3rd of May 2013). After the deadline activity was mainly driven by any data deficiencies or omissions identified and communicated back to the Member States. Almost all countries were required to make corrections to data subsequent to the official deadline. In addition, United Kingdom (excluding Scotland) didn't use the upload facilities on the data collection

web site in order to upload the requested data. Instead, the data were provided as an Excel file during the EWG 13-06. This method of data submissions jeopardise the quality of the data set provided to the EWG since none of the automated data checking routines have been applied. The same data set was uploaded to the data collection web site subsequent to the meeting.

Due to data issues identified by the experts of the EWG 13-06, a number of re-submissions or corrections to the submitted data sets took place during the EWG 13-06 meeting or between EWG 13-06 and EWG 13-13. These re-submission are mentioned in the detailed per country evaluation. For the purposes of this report any major changes in the data set performed by the experts during the EWG meetings or by JRC experts on official request by Member States are also considered as a re-submission.

Table 4.2 Time period of Member States' data submissions in response to the 2013 call for fishing effort data

| Country | First Submission | Last Submission |
|------------------------------------|------------------|-----------------|
| Belgium | 2013-04-18 | 2013-10-01 |
| Denmark | 2013-05-01 | 2013-05-28 |
| Estonia | 2013-05-03 | 2013-05-09 |
| Finland | 2013-05-03 | 2013-05-03 |
| France | 2013-05-17 | 2013-06-20 |
| Germany | 2013-05-02 | 2013-05-08 |
| Ireland | 2013-04-30 | 2013-05-15 |
| Latvia | 2013-04-30 | 2013-04-30 |
| Lithuania | 2013-04-15 | 2013-05-10 |
| The Netherlands | 2013-05-15 | 2013-05-15 |
| Poland | 2013-04-30 | 2013-05-20 |
| Portugal (Azores) | 2013-06-17 | 2013-06-17 |
| Portugal (Madeira) | 2013-05-03 | 2013-06-17 |
| Portugal (Mainland) | 2013-05-03 | 2013-06-17 |
| Spain (Canaries island) | - | - |
| Spain (mainland) | 2013-05-13 | 2013-10-08 |
| Sweden | 2013-05-01 | 2013-06-14 |
| United Kingdom (Scotland) | 2013-04-26 | 2013-10-24 |
| United Kingdom (without Scotland)* | 2013-06-05 | 2013-10-09 |

*UK (without Scotland) data was provided as a file during the EWG 13-06 meeting.

Data submissions after the deadline of 03/05/2013 are indicated with red.

Error! Reference source not found. below presents the data submission activity (data flow) by Member State in detail. This table illustrates that most of the submissions in 2013 took place either before the deadline or in the build up to the first meeting of the year, the EWG 13-06.

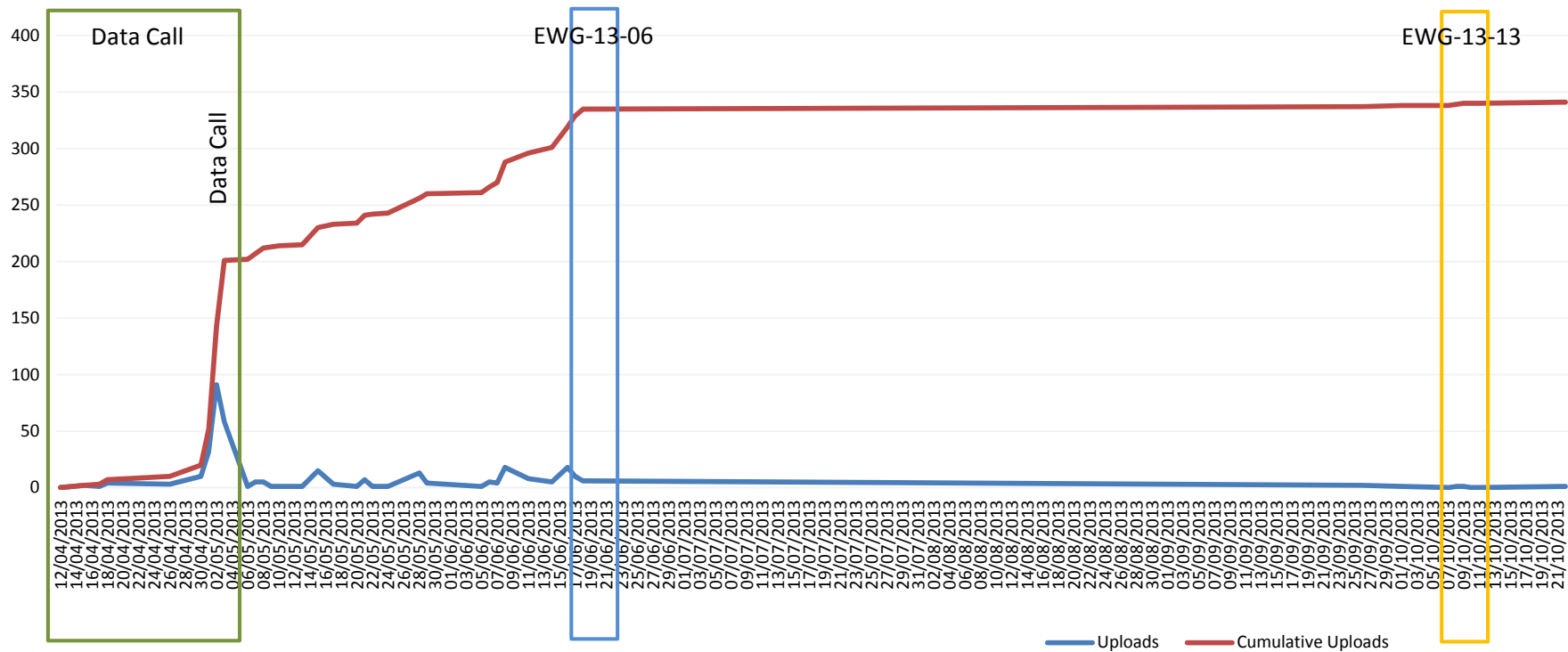


Figure 4.1 Member State uploading activity in response to the 'effort' data call 2013, highlighting period of data call when data upload facility available, EWG-13-06 and EWG-13-13.

| Country | Template | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 |
|-----------------|-------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| Germany | A_CATCH | | | | | | | | | | | | | |
| | B_EFFORT | | | | | | | | | | | | | |
| | C_SPECIFIC_EFFORT | | | | | | | | | | | | | |
| | D_CAPACITY | | | | | | | | | | | | | |
| | E_LANDINGS | | | | | | | | | | | | | |
| Ireland | A_CATCH | | | | | | | | | | | | | |
| | B_EFFORT | | | | | | | | | | | | | |
| | C_SPECIFIC_EFFORT | | | | | | | | | | | | | |
| | D_CAPACITY | | | | | | | | | | | | | |
| | E_LANDINGS | | | | | | | | | | | | | |
| Latvia | A_CATCH | | | | | | | | | | | | | |
| | B_EFFORT | | | | | | | | | | | | | |
| | C_SPECIFIC_EFFORT | | | | | | | | | | | | | |
| | D_CAPACITY | | | | | | | | | | | | | |
| | E_LANDINGS | | | | | | | | | | | | | |
| Lithuania | A_CATCH | | | | | | | | | | | | | |
| | B_EFFORT | | | | | | | | | | | | | |
| | C_SPECIFIC_EFFORT | | | | | | | | | | | | | |
| | D_CAPACITY | | | | | | | | | | | | | |
| | E_LANDINGS | | | | | | | | | | | | | |
| The Netherlands | A_CATCH | | | | | | | | | | | | | |
| | B_EFFORT | | | | | | | | | | | | | |
| | C_SPECIFIC_EFFORT | | | | | | | | | | | | | |
| | D_CAPACITY | | | | | | | | | | | | | |
| | E_LANDINGS | | | | | | | | | | | | | |
| Poland | A_CATCH | | | | | | | | | | | | | |
| | B_EFFORT | | | | | | | | | | | | | |
| | C_SPECIFIC_EFFORT | | | | | | | | | | | | | |
| | D_CAPACITY | | | | | | | | | | | | | |
| | E_LANDINGS | | | | | | | | | | | | | |
| Portugal | A_CATCH | | | | | | | | | | | | | |
| | B_EFFORT | | | | | | | | | | | | | |
| | C_SPECIFIC_EFFORT | | | | | | | | | | | | | |
| | D_CAPACITY | | | | | | | | | | | | | |
| | E_LANDINGS | | | | | | | | | | | | | |
| Spain | A_CATCH | | | | | | | | | | | | | |
| | B_EFFORT | | | | | | | | | | | | | |
| | C_SPECIFIC_EFFORT | | | | | | | | | | | | | |
| | D_CAPACITY | | | | | | | | | | | | | |
| | E_LANDINGS | | | | | | | | | | | | | |

| Country | Template | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 |
|-----------------------|-------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| Sweden | A_CATCH | | | | | | | | | | | | | |
| | B_EFFORT | | | | | | | | | | | | | |
| | C_SPECIFIC_EFFORT | | | | | | | | | | | | | |
| | D_CAPACITY | | | | | | | | | | | | | |
| | E_LANDINGS | | | | | | | | | | | | | |
| UK (Scotland) | A_CATCH | | | | | | | | | | | | | |
| | B_EFFORT | | | | | | | | | | | | | |
| | C_SPECIFIC_EFFORT | | | | | | | | | | | | | |
| | D_CAPACITY | | | | | | | | | | | | | |
| | E_LANDINGS | | | | | | | | | | | | | |
| UK (without Scotland) | A_CATCH | | | | | | | | | | | | | |
| | B_EFFORT | | | | | | | | | | | | | |
| | C_SPECIFIC_EFFORT | | | | | | | | | | | | | |
| | D_CAPACITY | | | | | | | | | | | | | |
| | E_LANDINGS | | | | | | | | | | | | | |

Table 4.5. highlights the main outstanding issues for each Member State, as of the 13 December 2013. It states which datasets or specific variables requested under the effort data call were not submitted and where major quality issues remain. The issues reported in this table are issues identified either through checks performed by JRC experts regarding the coverage, completeness and timeliness or by the EWG experts with the assistance and support of JRC experts regarding the quality of the submitted data. The major data deficiencies are further explained in the detailed sections by Member State and requested data table.

Table 4.5 Summary of missing data by MS and the relevance/effect of non-submission.

| MS | STECF EFFORT DATA |
|------------------------|---|
| Belgium BEL | No information submitted for vessels <10m in length. |
| Denmark DNK | No effort or catch information for the special conditions BACOMA or T90 in the Baltic. |
| Estonia EST | Table A, catch: Discards provided for flounder only (landings of cod over three times greater than flounder in 2012) Table A, catch: Some mesh sizes are inconsistent with the data call. |
| Finland FIN | Data submitted in format inconsistent with the definitions of the data call on the grounds of the data confidentiality clause in the DCF. No mesh size information for any gear. For vessels over 10 m in length a specific vessel length category was not defined. Missing quarter information for vessels over 10 m in length. Data for areas 24, 25, 26, 27, 28 aggregated into a single category "24-28". Table C, effort by rectangle: Contains no information on rectangles. Table D, Capacity: No data on fishing activity (days) for 2003-2011, (fishing activity (days) for 2003-2012 was requested for the first time in 2013). Table E, landings by rectangle: contains entries for invalid area "24-28" and these entries have no rectangle information. |
| France FRA | No landings by rectangle data for 2003-2010. Table A, catch: No age information for 2009-2012. Table A catch: No discard data for 2003-2009 or 2012. Table A catch: No split of special condition CPart13 into CPart13a-d for 2009-2011. Table B, nominal effort: No fishing activity data for 2000-2009. Table B, nominal effort: No fishing capacity data for 2000-2011. Table C, effort by rectangle and Table E, landings by rectangle: Records with missing rectangle information in years for which data is supplied. |
| Germany DEU | No mesh size or discards data for vessels <8m in length. |

Table 4.5 continued

| | |
|--------------------------------------|--|
| Ireland IRE | No nominal effort, effective effort by rectangle and landings by rectangle information submitted for vessels <10m in length. |
| Latvia LVA | Table A, catch: Discards submitted only for cod. Table B, nominal effort: Only 'days at sea' effort data for vessels <10m in length for 2005-2007. Table D, Capacity: No data for vessels <8m in length for 2003-2007. |
| Lithuania LTU | Table A, catch: No data for 2003-2004. Table A, catch: No (non-zero) discards or age data for 2003-2008. Table B, nominal effort: No data for 2000-2004. Table C, effort by rectangle: No data for 2003-2008. Table D, Capacity: No data for 2003-2008. Table E, landings by rectangle: No data for 2003-2007. |
| The Netherlands NLD | Catch information available for only 3 species for years 2003-2008; cf approximately 40 species for years 2009-2012. |
| Poland POL | Table A, catch: Discards information for cod only for years 2004-2010, (for 2011 herring, sprat and flounder and for 2012 for cod, flounder, perch, plaice and turbot). No information on uptake of special conditions in 2012, except in Table E, landings by rectangle. |
| Portugal PRT | Table A, catch: Age data provided for black scabbard fish only. Table C, effort by rectangle: No data for vessels < 10m in length. Table E, landings by rectangle: No data for vessels < 10m in length. |
| Spain ESP | No data for 2010 and 2011. Table E, landings by rectangle: No data for 2003-2011. No information on special conditions in 2012 data. Vessel length categories, allowed activity, fishing activity and fishing capacity were not identified in data from 2002-2008 in areas 8c and 9a. Data for years before 2010: No EU/RFMO/COAST identification for ICES Subarea 10 and Divisions 7j, 7k, 8d, 8e, 8b, 14b and CECAF areas 34.1.2 and 34.2.0. |

Table 4.5 continued

| | |
|-----------------------------|---------------------------------|
| Sweden SWE | No major issues to be reported. |
|-----------------------------|---------------------------------|

| | |
|--|---------------------------------|
| United Kingdom GBR (Scotland) | No major issues to be reported. |
|--|---------------------------------|

| | |
|--|--|
| United Kingdom GBR (without Scotland) | No data provided until during EWG 13-06. Data submitted to the upload facility only between EWG 13-06 and EWG 13-13. |
|--|--|

5 COUNTRY BY COUNTRY EVALUATION

In this section, a more in-depth analysis of the data coverage, timeliness, completeness and quality issues relating to each country is provided.

After the data evaluation by JRC's data collection team several Member States needed to re-submit the data after the data call's deadline. That was also the case during the STECF EWG 13-06 meeting based on comments regarding the national data from the participant experts.

In the following, after an overview of the submissions' dates by data table for each Member State, the evaluation is carried out on a per data table basis. First, the data submission in response to this year's data call is described where data issues regarding this submission are also reported and secondly, comments on the coverage and quality of the submitted data are given as concluded during the EWG 13-06 and EWG 13-13 meetings by the participant experts and as published in the meetings' reports.

5.1 Belgium

Belgium initially submitted all requested templates before the deadline. A problem with the B_EFFORT data (underestimation) was discovered between EWG 13-06 and EWG 13-13 and that table was re-submitted in time for the EWG 13-13.

Table 5.1 Summary of submissions for Belgium

| Template | First Submission | Last Submission |
|-------------------|------------------|-------------------|
| A_CATCH | 2013-04-18 | 2013-04-18 |
| B_EFFORT | 2013-04-18 | 2013-10-01 |
| C_EFFORT_SPECIFIC | 2013-04-18 | 2013-04-18 |
| D_CAPACITY | N/A | N/A |
| E_LANDINGS | 2013-04-18 | 2013-04-18 |

5.1.1 A Catch

5.1.1.1 Data submission

A total number of 2676 records were submitted for 2012, as requested in the data call. No updates for previous years' data.

Belgium did not provide any information for vessels under 10m.

Minor issues in the submitted data set were 160 records with missing mesh size information for gear types such as trammels, dredges and gillnets. Moreover, a number of records regarding species that are not requested in the official data call, like BLL, RJN, RJM, RJC and RJH, were submitted.

The catch information available from Belgium is given in Table 5.2. This table shows whether or not any information is available for the parameter in each year. This information is not necessarily complete (a single record would lead to a positive result). Missing information is indicated with **N**. Data submitted this year is indicated in bold and with a green filling. The number of species for which any information is provided is given also in the last row.

Table 5.2 Catch data from Belgium

| Information | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 |
|-------------|------|------|------|------|------|------|------|------|------|------|
| Landings | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y |
| Discards | N | Y | Y | Y | Y | Y | Y | Y | Y | Y |
| Age | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y |
| Species | 16 | 16 | 16 | 16 | 16 | 22 | 21 | 22 | 22 | 45 |

5.1.1.2 Coverage and quality

Belgium provided fleet specific landings data for 2003-2012 (2003-2011 have been submitted in previous years) derived from official logbook databases for all vessels ≥ 10 meters. The data covers all areas in which the Belgian fleets are active and conforms to the requested aggregation, by quarter, area, gear and mesh sizes. Specific condition SBCIIIart5 for all Belgian vessels operating in areas 8a and 8b was reported for 2012 data. However, it should be noted that the sum of all provided landings do not match the total Belgian landings as there are a minority of species landed and recorded as e.g. “other demersal” or “other crustacean” which are not provided to the EGW 13-13.

The age composition on landings for sole and plaice in ICES subdivisions IV, VIIa, VIIId, VIIfg and sole in subdivision VIIIa-b have been provided by quarter for the Belgian beam trawlers. The total number of samples, as well as numbers aged and length measurements by quarter have been apportioned in the same ratio as total quarterly beam trawl fleet landings to annual landings.

Discard data for 2012 were provided from the Belgian Beam trawl fleet for 21 species. For the years 2004-2012 (2004-2011 have been submitted in previous years) discard data has been provided from the Belgian Beam trawl fleet for 14 species: anglerfish, brill, cod, dab, haddock, hake, lemon sole, plaice, saithe, sole, skates and rays, turbot and whiting. For 2012 data discard information was available for the areas 4, 7a, 7d, 7e, 7f, 7g, 8a and 8b. Belgian discard data represent all ages and are disaggregated by age for cod in areas 4, 7a, 7d, 7f and 7g; for plaice in areas 4, 7a, 7f and 7g. The discards information for the other species mentioned above are without disaggregation by age. Information by area for all observer-trips during the year has been merged together, giving an annual percentage of discards estimate per species. The annual estimates of discard rate have been assumed to apply in each of the 4 quarters.

There is no information on misreporting. The landings in the database are based on combined information of logbook data and sale slips. The actual landed weight is split according the logbook information on hours fished in the respective rectangles.

As Belgium does not have trip-by-trip information on the true mesh size for its fleets for 2003-2006, Belgium (as well as other countries) agreed to assume certain mesh sizes for its beam trawler fleets. Beamers operating in the Bay of Biscay (VIIIa,b) were assumed to use a 70-79 mm mesh size as this is the minimum legal mesh size in that area for beamers. For the North Sea, the trips were split according to the rectangles reported in the logbooks, and mesh sizes were allocated in line with Council Regulation (EC) N° 2056/2001. This regulation stipulates that beam trawlers are prohibited to use less than 120 mm in ICES Division IV to the north of

56° 00' N. Therefore all beam trawl information from this part of ICES Division IV was accounted against an assumed >120mm mesh size. The same regulation also stipulates that within the rectangle with coordinates along the east coast of the UK between 55° 00' N and 56° 00' N and the points 55° 00' N – 05° 00' E and 56° 00' N – 05° 00' E, beam trawlers can use 100 to 119 mm mesh size. Here also it was assumed that the mesh size used by the Belgian Beam trawl fleet was 100-119 mm. For the rest of ICES Division IV (the southern part) a mesh size of 80-89 mm was assumed for the beam trawlers. Apart from these assumed mesh size which are based on rectangle information from logbooks, it was also assumed that the shrimp fishery used a mesh size of 16-31 mm. The mesh size of the beam trawl fleets in the other area's was assumed to be 80-89 mm. Since 2007 mesh sizes used by beam trawls operating in different areas have been based on the true mesh sizes used on each trip.

The Belgian gear categories are: beam, demersal seine, dredge, gill, longline, otter, and trammel. For trammel nets, no assumptions of mesh sizes were made. The only specific condition reported for 2012 data was SBCIIIart5 for all Belgian vessels operating in areas 8a and 8b.

5.1.2 B Effort

5.1.2.1 Data submission

A total number of 466 records were submitted for 2010-2012, as requested in the data call. Updates for 2010-2011 data.

Belgium did not provide any information for vessels under 10m.

Minor issues identified were 98 records submitted with no mesh size information for trammels, gillnet and dredges.

The nominal effort information available from Belgium is given in Table 5.3. This table shows whether or not any information is available for the parameter in each year. This information is not necessarily complete (a single record would lead to a positive result). Missing information is indicated with **N**. Data submitted this year is indicated in bold and with a green filling.

Table 5.3 Nominal Effort data from Belgium

| | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 |
|----------------|------|------|------|------|------|------|------|------|------|------|----------|----------|----------|
| Nominal Effort | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y |

5.1.2.2 Coverage and Quality

Belgium provided effort data (kW*days at sea) for 2000-2012(2000-2011 have been submitted in previous years) by quarter, for all relevant areas where the Belgian fleets are operational. Specific condition SBCIIIart5 for all Belgian vessels operating in areas 8a and 8b was reported for 2010-2012 data. Since 2003 effort (and landings) are split proportionally over the rectangles as effort became available by rectangle from logbook data. As Belgium does not have trip-by-trip information on the true mesh size for its fleets for 2003-2006, Belgium (as well as other countries) agreed to assume certain mesh sizes for its beam trawler fleets. Beamers operating in area VIIIa,b were assumed to use a 70-79 mm mesh size as this is the minimum legal mesh size in that area for beamers. For the North Sea,

the trips were split according to the rectangles reported in the logbooks, and mesh sizes were allocated in line with Council Regulation (EC) N° 2056/2001. This regulation stipulates that beam trawlers are prohibited to use less than 120 mm in ICES Division IV to the north of 56° 00' N. Therefore all beam trawl information from this part of ICES Division IV was accounted against an assumed >120mm mesh size. The same regulation also stipulates that within the rectangle with coordinates along the east coast of the UK between 55° 00' N and 56° 00' N and the points 55° 00' N – 05° 00' E and 56° 00' N – 05° 00' E, beam trawlers can use 100 to 119 mm mesh size. For this area it was therefore assumed that the mesh size used by the Belgian Beam trawl fleet was 100-119 mm. For the rest of ICES Division IV (the southern part) a mesh size of 80-89 mm was assumed for the beam trawlers. Apart from these assumed mesh sizes which are based on rectangle information from logbooks, it was also assumed that the shrimp fishery used a mesh size of 16-31 mm. The mesh size of the beam trawl fleets in the other areas was assumed to be 80-89 mm. Since 2007 mesh sizes used by beam trawls operating in different areas have been based on the true mesh sizes used on each trip.

Voyage information on the national data base calculates days at sea based on the voyage start date and the voyage end date. For example, a voyage starting on one date and returning (landing) the following day will accrue 2 days at sea. Each day a vessel is at sea is counted only once with the effort details allocated according to the longest voyage on that date. Nominal effort in kWdays is calculated as days at sea multiplied by the power of the vessel in kilowatts at the voyage landing date. Activity and gear is assessed daily; where activity in a single day covers more than one area or more than one gear; that day's effort is allocated completely to the area/gear with the longest activity that day.

The Belgian gear categories are: beam, demersal seine, dredge, gill, longline, otter, and trammel. For trammel nets, no assumptions of mesh sizes were made.

5.1.3 C Specific Effort

5.1.3.1 Data submission

A total number of 614 records were submitted for 2012, as requested in the data call. No updates for previous years' data. In total, 614 records were submitted.

Belgium did not provide any effort by rectangle for vessels under 10m since no spatial effort information is available for vessels less than 10m in length.

Minor issues identified were 43 records with missing mesh size information for trammel, gillnet and dredge gears.

The effective effort information available from Belgium is given in Table 5.4. This table shows whether or not any information is available for the parameter in each year. This information is not necessarily complete (a single record would lead to a positive result). Missing information is indicated with **N**. Data submitted this year is indicated in bold and with a green filling.

Table 5.4 Effective Effort by Rectangle data from Belgium

| Information | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 |
|-------------------------------|------|------|------|------|------|------|------|------|------|----------|
| Effective Effort by Rectangle | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y |

5.1.3.2 Coverage and Quality

Belgium provided effective effort by ICES statistical rectangle in units of hours trawled for the period 2003-2012 (2003-2011 have been submitted in previous years), derived from the official logbook databases for all vessels ≥ 10 meters. Specific condition SBCIIIart5 for all Belgian vessels operating in areas 8a and 8b was reported for 2012 data. The data covers all areas in which the Belgian fleets are active and conforms to the requested aggregation, by quarter, area, gear and mesh sizes. Trawled hours were calculated by summing fishing time to the aggregation level requested in the data call. To ensure consistency between datasets, the same base operational logbooks data was used as for the aggregation of days-at-sea effort.

As Belgium does not have trip-by-trip information on the true mesh size for its fleets for 2003-2006, Belgium (as well as other countries) agreed to assume certain mesh sizes for its beam trawler fleets. Beamers operating in the Bay of Biscay (VIIIa,b) were assumed to use a 70-79 mm mesh size as this is the minimum legal mesh size in that area for beamers. For the North Sea, the trips were split according to the rectangles reported in the logbooks, and mesh sizes were allocated in line with Council Regulation (EC) N° 2056/2001. This regulation stipulates that beam trawlers are prohibited to use less than 120 mm in ICES Division IV to the north of $56^{\circ} 00' N$. Therefore all beam trawl information from this part of ICES Division IV was accounted against an assumed >120 mm mesh size. The same regulation also stipulates that within the rectangle with coordinates along the east coast of the UK between $55^{\circ} 00' N$ and $56^{\circ} 00' N$ and the points $55^{\circ} 00' N - 05^{\circ} 00' E$ and $56^{\circ} 00' N - 05^{\circ} 00' E$, beam trawlers can use 100 to 119 mm mesh size. Here also it was assumed that the mesh size used by the Belgian Beam trawl fleet was 100-119 mm. For the rest of ICES Division IV (the southern part) a mesh size of 80-89 mm was assumed for the beam trawlers. Apart from these assumed mesh size which are based on rectangle information from logbooks, it was also assumed that the shrimp fishery used a mesh size of 16-31 mm. The mesh size of the beam trawl fleets in the other area's was assumed to be 80-89 mm. Since 2007 mesh sizes used by beam trawls operating in different areas have been based on the true mesh sizes used on each trip.

The Belgian gear categories are: beam, demersal seine, dredge, gill, longline, otter, and trammel. For trammel nets, no assumptions of mesh sizes were made.

5.1.4 D Capacity

Not applicable.

5.1.5 E Landings

5.1.5.1 Data submission

A total number of 7905 records were submitted for 2012, as requested in the data call. No updates for previous years' data.

Belgium did not provide any information for vessels under 10m.

Minor issues identified were 170 records with missing mesh size information for gear types such as trammels, dredges and gillnets. Moreover, many records regard species that are not requested in the official data call, like BLL, RJN, RJM, RJC and RJH.

The landings by rectangle information available from Belgium are given in Table 5.5. This table shows whether or not any information is available for the parameter in each year. This information is not necessarily complete (a single record would lead to a positive result). Missing information is indicated with **N**. Data submitted this year is indicated in bold and with a green filling. The number of species for which any information is provided is given also in the last row.

Table 5.5 Landings by Rectangle data from Belgium

| Information | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 |
|-----------------------|------|------|------|------|------|------|------|------|------|-----------|
| Landings by Rectangle | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y |
| Species | 16 | 16 | 16 | 16 | 16 | 22 | 25 | 25 | 24 | 47 |

5.1.5.2 Coverage and Quality

Belgium provided fleet specific landings data for 2012 (2003-2011 data reported in previous year) derived from official logbook databases for all vessels ≥ 10 meters. The data covers all areas in which the Belgian fleets are active and conforms to the requested aggregation, by quarter, area, gear and mesh sizes. Specific condition SBCIIIart5 was reported for all Belgian vessels operating in areas 8a and 8b.

For 2012 data all officially recorded species by the Belgian authorities were provided. However, it should be noted that the sum of all provided landings do not match the total Belgian landings as there are a minority of species landed and recorded as e.g. “other demersal” or “other crustacean” which were not provided to the EGW 13-13. As Belgium does not have trip-by-trip information on the true mesh size for its fleets for 2003-2006, Belgium (as well as other countries) agreed to assume certain mesh sizes for its beam trawler fleets. Beamers operating in the Bay of Biscay (VIIIa,b) were assumed to use a 70-79 mm mesh size as this is the minimum legal mesh size in that area for beamers. For the North Sea, the trips were split according to the rectangles reported in the logbooks, and mesh sizes were allocated in line with Council Regulation (EC) N° 2056/2001. This regulation stipulates that beam trawlers are prohibited to use less than 120 mm in ICES Division IV to the north of 56° 00' N. Therefore all beam trawl information from this part of ICES Division IV was accounted against an assumed >120mm mesh size. The same regulation also stipulates that within the rectangle with coordinates along the east coast of the UK between 55° 00' N and 56° 00' N and the points 55° 00' N – 05° 00' E and 56° 00' N – 05° 00' E, beam trawlers can use 100 to 119 mm mesh size. Here also it was assumed that the mesh size used by the Belgian Beam trawl fleet was 100-119 mm. For the rest of ICES Division IV (the southern part) a mesh size of 80-89 mm was assumed for the beam trawlers. Apart from these assumed mesh size which are based on rectangle information from logbooks, it was also assumed that the shrimp fishery used a mesh size of 16-31 mm. The mesh size of the beam trawl fleets in the other area's was assumed to be 80-89 mm. Since 2007 mesh sizes used by beam trawls operating in different areas have been based on the true mesh sizes used on each trip.

The Belgian gear categories are: beam, demersal seine, dredge, gill, longline, otter, and trammel. For trammel nets, no assumptions of mesh sizes were made.

5.2 Denmark

Denmark initially submitted before the deadline but needed to re-submit tables A and B between the deadline and the EWG 13-06.

Table 5.6 Summary of submissions for Denmark

| Template | First Submission | Last Submission |
|-------------------|------------------|-------------------|
| A_CATCH | 2013-05-01 | 2013-05-15 |
| B_EFFORT | 2013-05-01 | 2013-05-28 |
| C_EFFORT_SPECIFIC | 2013-05-01 | 2013-05-02 |
| D_CAPACITY | 2013-05-01 | 2013-05-02 |
| E_LANDINGS | 2013-05-01 | 2013-05-02 |

5.2.1 A Catch

5.2.1.1 Data submission

A total number of 308038 records were submitted for 2003-2012. The whole time series was updated because of a major revision to data extraction procedures in Denmark in 2012. Also to accommodate splitting special condition CPart13 into the separate components of CPart13a, CPart13b, CPart13c and CPart13d (years 2009-2011).

Minor issues identified in the submitted data set were 10600 records with no gear information and 547 records without mesh size information for various gear types. These records represent only a very small proportion of the reported Danish fisheries activities.

The catch information available from Denmark is given in Table 5.7. This table shows whether or not any information is available for the parameter in each year. This information is not necessarily complete (a single record would lead to a positive result). Missing information is indicated with **N**. Data submitted this year is indicated in bold and with a green filling. The number of species for which any information is provided is given also in the last row.

Table 5.7 Catch data from Denmark

| Information | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 |
|-------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| Landings | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y |
| Discards | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y |
| Age | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y |
| Species | 53 | 53 | 51 | 52 | 52 | 53 | 53 | 53 | 54 | 54 |

5.2.1.2 Coverage and Quality

The Danish data does not cover the special conditions BACOMA or T90 in the Baltic, as these are not compulsory to report in logbooks according to control regulations 1224/2009 and 404/2011.

Denmark revised extraction procedures in 2012. The revised extraction procedures have been made compatible with the RDB FishFrame database, in order to get a unique raising procedure for all Danish catch information (discards and age-based information), thus improving the consistency of data reported to the various forums within e.g. ICES and STECF. As such, data raised in FishFrame will now be used

for the STECF Effort data call. Where the categories in the FishFrame format and the STECF Effort format are not the same, the data are scaled according to the landings.

5.2.2 B Effort

5.2.2.1 Data submission

A total number of 27537 records were submitted for 2000-2012, as requested in the data call. The whole time series was updated because of a major revision to data extraction procedures in Denmark in 2012. Also to accommodate splitting special condition CPart13 into the separate components of CPart13a, CPart13b, CPart13c and CPart13d (years 2009-2011).

Minor issues identified in the submitted data set were 1107 records with no gear information and 962 records without mesh size information for various gear types. These records represent only a very small proportion of the reported Danish fisheries activities.

The nominal effort information available from Denmark is given in Table 5.8. This table shows whether or not any information is available for the parameter in each year. This information is not necessarily complete (a single record would lead to a positive result). Missing information is indicated with **N**. Data submitted this year is indicated in bold and with a green filling.

Table 5.8 Nominal Effort data from Denmark

| | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 |
|----------------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| Nominal Effort | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y |

5.2.2.2 Coverage and Quality

The Danish data does not cover the special conditions BACOMA or T90 in the Baltic, as these are not compulsory to report in logbooks according to control regulations 1224/2009 and 404/2011.

5.2.3 C Specific Effort

5.2.3.1 Data submission

A total number of 62078 records were submitted for 2003-2012, as requested in the data call. The whole time series was updated because of a major revision to data extraction procedures in Denmark in 2012. Also to accommodate splitting special condition CPart13 into the separate components of CPart13a, CPart13b, CPart13c and CPart13d (years 2009-2011).

Minor issues identified in the submitted data set were 1171 records with no gear information and 1022 records without mesh size information for various gear types.

These records represent only a very small proportion of the reported Danish fisheries activities.

The effective effort information available from Denmark is given in Table 5.9. This table shows whether or not any information is available for the parameter in each year. This information is not necessarily complete (a single record would lead to a

positive result). Missing information is indicated with **N**. Data submitted this year is indicated in bold and with a green filling.

Table 5.9 Effective Effort by Rectangle data from Denmark

| Information | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 |
|-------------------------------|------|------|------|------|------|------|------|------|------|------|
| Effective Effort by Rectangle | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y |

5.2.3.2 Coverage and Quality

The Danish data does not cover the special conditions BACOMA or T90 in the Baltic, as these are not compulsory to report in logbooks according to control regulations 1224/2009 and 404/2011.

5.2.4 D Capacity

5.2.4.1 Data submission

A total number of 296 records were submitted for 2003-2012, as requested in the data call. The whole time series was updated because of a major revision to data extraction procedures in Denmark in 2012. Also to accommodate splitting special condition CPart13 into the separate components of CPart13a, CPart13b, CPart13c and CPart13d (years 2009-2011). The capacity information available from Denmark is given in Table 5.10. This table shows whether or not any information is available for the parameter in each year. This information is not necessarily complete (a single record would lead to a positive result). Missing information is indicated with **N**. Data submitted this year is indicated in bold and with a green filling.

Table 5.10 Fishing Capacity data from Denmark

| Information | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 |
|-----------------------|------|------|------|------|------|------|------|------|------|------|
| Fishing Capacity KW | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y |
| Fishing Capacity GT | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y |
| Number of Vessels | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y |
| Fishing Activity days | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y |

5.2.4.2 Coverage and Quality

No comments.

5.2.5 E Landings

5.2.5.1 Data submission

A total number of 405759 records were submitted for 2003-2012, as requested in the data call. The whole time series was updated because of a major revision to data extraction procedures in Denmark in 2012. Also to accommodate splitting special condition CPart13 into the separate components of CPart13a, CPart13b, CPart13c and CPart13d (years 2009-2011).

Minor issues identified in the submitted data set were 10106 records with no gear information and 564 records without mesh size information for various gear types. These records represent only a very small proportion of the reported Danish fisheries activities.

The landings by rectangle information available from Denmark are given in Table 5.11. This table shows whether or not any information is available for the parameter in each year. This information is not necessarily complete (a single record would lead to a positive result). Missing information is indicated with **N**. Data submitted this year is indicated in bold and with a green filling. The number of species for which any information is provided is given also in the last row.

Table 5.11 Landings by Rectangle data from Denmark

| Information | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 |
|-----------------------|------|------|------|------|------|------|------|------|------|------|
| Landings by Rectangle | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y |
| Species | 51 | 50 | 47 | 51 | 48 | 48 | 48 | 50 | 50 | 50 |

5.2.5.2 Coverage and Quality

The Danish data does not cover the special conditions BACOMA or T90 in the Baltic, as these are not compulsory to report in logbooks according to control regulations 1224/2009 and 404/2011.

5.3 Estonia

Estonia submitted the requested templates before the deadline with the exception of capacity data which was submitted the following week.

Table 5.12 Summary of submissions for Estonia

| Template | First Submission | Last Submission |
|-------------------|------------------|-----------------|
| A_CATCH | 2013-05-03 | 2013-05-03 |
| B_EFFORT | 2013-05-03 | 2013-05-03 |
| C_EFFORT_SPECIFIC | 2013-05-03 | 2013-05-03 |
| D_CAPACITY | 2013-05-03 | 2013-05-09 |
| E_LANDINGS | 2013-05-03 | 2013-05-04 |

5.3.1 A Catch

5.3.1.1 Data submission

A total number of 1064 records were submitted for 2012, as requested in the data call. No updates for previous years' data.

Some mesh sizes are inconsistent with the data call (mainly vessels smaller than 12 meters).

The catch information available from Estonia is given in Table 5.13. This table shows whether or not any information is available for the parameter in each year. This information is not necessarily complete (a single record would lead to a positive result). Missing information is indicated with **N**. Data submitted this year is indicated in bold and with a green filling. The number of species for which any information is provided is given also in the last row.

Table 5.13 Catch data for Estonia

| Information | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 |
|-------------|------|------|------|------|------|------|------|------|------|------|
|-------------|------|------|------|------|------|------|------|------|------|------|

| | | | | | | | | | | | |
|-----------------|----------|----------|----|----|----|----|----|----|----|-----------|----------|
| Landings | N | N | Y | Y | Y | Y | Y | Y | Y | Y | Y |
| Discards | N | N | Y | Y | Y | Y | Y | Y | Y | Y | Y |
| Age | N | N | Y | Y | Y | Y | Y | Y | Y | Y | Y |
| Species | N | N | 25 | 18 | 18 | 12 | 10 | 11 | 12 | 10 | |

5.3.1.2 Coverage and Quality

5.3.2 Discards were provided for flounder only. These records were for vessels <12 m length and mesh sizes are inconsistent with the data call.

5.3.3 B Effort

5.3.3.1 Data submission

A total number of 58 records were submitted for 2012, as requested in the data call. No updates for previous years' data.

The nominal effort information available from Estonia is given in Table 5.14. This table shows whether or not any information is available for the parameter in each year. This information is not necessarily complete (a single record would lead to a positive result). Missing information is indicated with **N**. Data submitted this year is indicated in bold and with a green filling.

Table 5.14 Nominal Effort data from Estonia

| | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 |
|----------------|------|------|------|------|------|------|------|------|------|------|------|------|----------|
| Nominal Effort | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y |

5.3.3.2 Coverage and Quality

Data provided are only for vessels ≥ 12 m.

5.3.4 C Specific Effort

5.3.4.1 Data submission

A total number of 288 records were submitted for 2012, as requested in the data call. No updates for previous years' data.

The effective effort information available from Estonia is given in Table 5.15. This table shows whether or not any information is available for the parameter in each year. This information is not necessarily complete (a single record would lead to a positive result). Missing information is indicated with **N**. Data submitted this year is indicated in bold and with a green filling.

Table 5.15 Effective Effort by Rectangle data from Estonia

| Information | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 |
|-------------------------------|------|------|------|------|------|------|------|------|------|----------|
| Effective Effort by Rectangle | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y |

5.3.4.2 Coverage and Quality

Data were provided only for vessels ≥ 12 m.

5.3.5 D Capacity

5.3.5.1 Data submission

A total number of 30 records were submitted for 2008-2012. Fishing activity (days) for the years 2003-2012 was requested for the first time in 2013.

The capacity information available from Estonia is given in Table 5.16. This table shows whether or not any information is available for the parameter in each year. This information is not necessarily complete (a single record would lead to a positive result). Missing information is indicated with **N**. Data submitted this year is indicated in bold and with a green filling.

Table 5.16 Capacity data from Estonia

| Information | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 |
|-----------------------|------|------|------|------|------|------|------|------|------|------|
| Fishing Capacity KW | N | N | Y | Y | Y | Y | Y | Y | Y | Y |
| Fishing Capacity GT | N | N | Y | Y | Y | Y | Y | Y | Y | Y |
| Number of Vessels | N | N | Y | Y | Y | Y | Y | Y | Y | Y |
| Fishing Activity days | N | N | N | N | N | Y | Y | Y | Y | Y |

5.3.5.2 Coverage and Quality

Data for vessels <12 m were not provided.

5.3.6 E Landings

5.3.6.1 Data submission

A total number of 1488 records were submitted for 2012. No updates for previous years' data. The landings by rectangle information available from Estonia are given in Table 5.17. This table shows whether or not any information is available for the parameter in each year. This information is not necessarily complete (a single record would lead to a positive result). Missing information is indicated with **N**. Data submitted this year is indicated in bold and with a green filling. The number of species for which any information is provided is given also in the last row.

Table 5.17 Landings by Rectangle data for Estonia

| Information | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 |
|-----------------------|------|------|------|------|------|------|------|------|------|-----------|
| Landings by Rectangle | N | N | Y | Y | Y | Y | Y | Y | Y | Y |
| Species | N | N | 10 | 9 | 10 | 11 | 9 | 10 | 10 | 10 |

5.3.6.2 Coverage and Quality

Mesh sizes inconsistent with the data call were submitted, mainly for vessels <12 m.

5.4 Finland

Finland submitted the requested templates before the deadline. Finish data were submitted in a format not consistent with the data call on the grounds of the data confidentiality clause in the DCF. STECF EWG 13-06 could not make use of the Finish data given its specific ToR.

Table 5.18 Summary of submissions for Finland

| Template | First Submission | Last Submission |
|-------------------|------------------|-----------------|
| A_CATCH | 2013-05-03 | 2013-05-03 |
| B_EFFORT | 2013-05-03 | 2013-05-03 |
| C_EFFORT_SPECIFIC | 2013-05-03 | 2013-05-03 |
| D_CAPACITY | 2013-05-03 | 2013-05-03 |
| E_LANDINGS | 2013-05-03 | 2013-05-03 |

5.4.1 A Catch

5.4.1.1 Data submission

A total number of 385 records were submitted for 2012, as requested in the data call.

Major issues identified from the upload application and not corrected: No mesh size information for any gear. For vessels over 10 m a specific vessel length category was not defined. Missing quarter information for all >10 meter vessels. Data for areas 24,25,26,27,28 aggregated into a single category “24-28”.

The catch information available from Finland is given in Table 5.19. This table shows whether or not any information is available for the parameter in each year. This information is not necessarily complete (a single record would lead to a positive result). Missing information is indicated with **N**. Data submitted this year is indicated in bold and with a green filling. The number of species for which any information is provided is given also in the last row. Inconsistent data with the definitions of the data call is denoted as **I**.

Table 5.19 Catch data from Finland

| Information | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 |
|-------------|------|------|------|------|------|------|------|------|------|-----------|
| Landings | I | I | I | I | I | I | I | I | I | I |
| Discards | I | I | I | I | I | I | I | I | I | I |
| Age | I | I | I | I | I | I | I | I | I | I |
| Species | 9 | 9 | 9 | 11 | 11 | 11 | 11 | 11 | 11 | 11 |

5.4.1.2 Coverage and Quality

Finish data were submitted in a format not consistent with the data call on the grounds of the data confidentiality clause in the DCF. STECF EWG 13-06 could not make use of the Finish data given its specific ToR.

5.4.2 B Effort

5.4.2.1 Data submission

A total number of 73 records were submitted for 2012, as requested in the data call.

Major issues identified from the upload application and not corrected: No mesh size information for any gear. For vessels over 10 m a specific vessel length category was not defined. Missing quarter information for all >10 meter vessels. Data for areas 24, 25,26,27,28 aggregated into a single category “24-28”.

The nominal effort information available from Finland is given in Table 5.20. This table shows whether or not any information is available for the parameter in each year. This information is not necessarily complete (a single record would lead to a positive result). Missing information is indicated with **N**. Data submitted this year is indicated in bold and with a green filling. Inconsistent data with the definitions of the data call is denoted as **I**.

Table 5.20 Nominal Effort data from Finland

| | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 |
|----------------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| Nominal Effort | N | N | N | I | I | I | I | I | I | I | I | I | I |

5.4.2.2 Coverage and Quality

Finish data were submitted in a format not consistent with the data call on the grounds of the data confidentiality clause in the DCF. STECF EWG 13-06 could not make use of the Finish data given its specific ToR.

5.4.3 C Specific Effort

5.4.3.1 Data submission

A total number of 73 records were submitted for 2012, as requested in the data call. No updates for previous years' data.

Important: None of the records available for Finland from Table C has rectangle information. The rectangle information is requested in the official data call.

Major issues identified from the upload application (apart from the missing rectangle information) and not corrected: No mesh size information for any gear, code used for vessels over 10 m length not defined in the data call, missing quarter information for all >10 meter vessels, aggregated data for areas 24, 25, 26, 27 and 28 into a single category "24-28".

The specific effort information available from Finland is given in Table 5.21. This table shows whether or not any information is available for the parameter in each year. This information is not necessarily complete (a single record would lead to a positive result). Missing information is indicated with **N**. Data submitted this year is indicated in bold and with a green filling. Inconsistent data with the definitions of the data call is denoted as **I**.

Table 5.21 Effective Effort by Rectangle data from Finland

| Information | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 |
|-------------------------------|------|------|------|------|------|------|------|------|------|------|
| Effective Effort by Rectangle | I | I | I | I | I | I | I | I | I | I |

5.4.3.2 Coverage and Quality

Finish data were submitted in a format not consistent with the data call on the grounds of the data confidentiality clause in the DCF. STECF EWG 13-06 could not make use of the Finish data given its specific ToR

5.4.4 .D Capacity

5.4.4.1 Data submission

A total number of 1 record was submitted for 2012 as requested in the data call for capacity in kW, GT and number of vessels. No updates for previous years' data. Fishing activity (days) for the years 2003-2012 was requested for the first time in 2013.

Important: The record for Finland from Table D has an invalid vessel length code. This information is not the one requested in the official data call.

The capacity information available from Finland is given in Table 5.22. This table shows whether or not any information is available for the parameter in each year. This information is not necessarily complete (a single record would lead to a positive result). Missing information is indicated with **N**. Data submitted this year is indicated in bold and with a green filling. Inconsistent data with the definitions of the data call is denoted as **I**.

Table 5.22 Capacity data from Finland

| Information | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 |
|-----------------------|------|------|------|------|------|------|------|------|------|----------|
| Fishing Capacity KW | N | I | I | I | I | I | I | I | I | I |
| Fishing Capacity GT | N | I | I | I | I | I | I | I | I | I |
| Number of Vessels | N | I | I | I | I | I | I | I | I | I |
| Fishing Activity days | N | N | N | N | N | N | N | N | N | I |

5.4.4.2 Coverage and Quality

. Finish data were submitted in a format not consistent with the data call on the grounds of the data confidentiality clause in the DCF. STECF EWG 13-06 could not make use of the Finish data given its specific ToR.

5.4.5 E Landings

5.4.5.1 Data submission

A total number of 4962 records were submitted for 2012. No updates for previous years' data.

Important: Table E contains entries for invalid area "24-28" and these entries have no rectangle information, (rectangle information is requested in the official data call). Rectangle information is available for other Baltic areas.

Major issues identified from the upload application (apart from the missing rectangle information) and not corrected: No mesh size information for any gear, code used for vessels over 10 m length not defined in the data call, missing quarter information for all >10 meter vessels, aggregated data for areas 24, 25, 26, 27 and 28 into a single category "24-28".

The landings by rectangle information available from Finland are given in Table 5.23. This table shows whether or not any information is available for the parameter in each year. This information is not necessarily complete (a single record would lead to a positive result). Missing information is indicated with **N**. Data submitted this year is indicated in bold and with a green filling. The number of species for

which any information is provided is given also in the last row. Inconsistent data with the definitions of the data call is denoted as I.

Table 5.23 Landings by Rectangle data from Finland

| Information | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 |
|-----------------------|------|------|------|------|------|------|------|------|------|-----------|
| Landings by Rectangle | N | N | N | N | N | I | I | I | I | I |
| Species | N | N | N | N | N | 11 | 11 | 11 | 11 | 11 |

5.4.5.2 Coverage and Quality

Finish data were submitted in a format not consistent with the data call on the grounds of the data confidentiality clause in the DCF. STECF EWG 13-06 could not make use of the Finish data given its specific ToR.

5.5 France

France submitted the requested templates between the data submission deadline and EWG 13-06. .

Table 5.24 Summary of submissions from France

| Template | First Submission | Last Submission |
|-------------------|------------------|-----------------|
| A_CATCH | 2013-05-15 | 2013-06-11 |
| B_EFFORT | 2013-05-21 | 2013-06-11 |
| C_EFFORT_SPECIFIC | 2013-05-21 | 2013-06-11 |
| D_CAPACITY | N/A | N/A |
| E_LANDINGS | 2013-05-21 | 2013-06-11 |

5.5.1 A Catch

5.5.1.1 Data submission

A total number of 20538 records were submitted for 2012, as requested in the data call. No updates for previous years' data.

France did not submit any age information.

Minor issues identified in the submitted data set were 107 records with missing area information and 637 records with missing mesh size information for gear type pots.

The catch information available from France is given in Table 5.25. This table shows whether or not any information is available for the parameter in each year. This information is not necessarily complete (a single record would lead to a positive result). Missing information is indicated with **N**. Data submitted this year is indicated in bold and with a green filling. The number of species for which any information is provided is given also in the last row.

Table 5.25 Catch data from France

| Information | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 |
|-------------|------|------|------|------|------|------|------|------|------|-----------|
| Landings | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y |
| Discards | N | N | N | N | N | N | N | Y | Y | N |
| Age | Y | Y | Y | Y | Y | Y | N | N | N | N |
| Species | 157 | 165 | 168 | 172 | 167 | 163 | 163 | 88 | 94 | 87 |

5.5.1.2 Coverage and Quality

No age data was provided and no discard data.. Some missing area information was evident.

Only data regarding species and gears that are requested in the official data call have been submitted as a consequence records regarding species or gears not requested are missing.

The specific conditions Cpart11, Cpart13b, IIB72ab, DEEP and SBcIIIart5 have been provided for eligible vessels and fisheries for 2012 but data from 2009-2011 was not updated (such that specon CPart13 is not specified according to CPart13a-d).

5.5.2 B Effort

5.5.2.1 Data submission

A total number of 3079 records were submitted for 2012, as requested in the data call. No updates for previous years' data.

Minor issues identified in the submitted data set were 15 records with missing area information and 135 records with missing mesh size information for gear type pots.

The nominal effort information available from France is given in Table 5.26. This table shows whether or not any information is available for the parameter in each year. This information is not necessarily complete (a single record would lead to a positive result). Missing information is indicated with **N**. Data submitted this year is indicated in bold and with a green filling.

Table 5.26 Nominal Effort data from France

| | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 |
|----------------|------|------|------|------|------|------|------|------|------|------|------|------|----------|
| Nominal Effort | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y |

5.5.2.2 Coverage and Quality

No fishing activity data for 2000–2009. Fishing capacity data for 2012 only.

The specific conditions Cpart11, Cpart13b, IIB72ab, DEEP and SBcIIIart5 have been provided for eligible vessels and fisheries for 2012 but data from 2009-2011 was not updated (such that specon CPart13 is not specified according to CPart13a-d).

Days at sea are estimated with consistency with the DCF regulation (any continuous period of 24 hours (or part thereof) during which a vessel is present within an area and absent from port).

5.5.3 C Specific Effort

5.5.3.1 Data submission

A total number of 11599 records were submitted for 2012, as requested in the data call. No updates for previous years' data.

Many records (991 in number) submitted with missing rectangle information.

Minor issues identified in the submitted data set were 15 records with missing area information and 556 records with missing mesh size information for gear type pots.

The specific effort information available from France is given in Table 5.27. This table shows whether or not any information is available for the parameter in each year. This information is not necessarily complete (a single record would lead to a positive result). Missing information is indicated with **N**. Data submitted this year is indicated in bold and with a green filling.

Table 5.27 Effective Effort by Rectangle data from France

| Information | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 |
|-------------------------------|------|------|------|------|------|------|------|------|------|----------|
| Effective Effort by Rectangle | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y |

5.5.3.2 Coverage and Quality

Some missing area and rectangle information especially at this level of desegregation (available for the ICES division but not for the statistical rectangle information).

The specific conditions Cpart11, Cpart13b, IIB72ab, DEEP and SBcIIIart5 have been provided for eligible vessels and fisheries for 2012 but data from 2009-2011 was not updated (such that specon CPart13 is not specified according to CPart13a-d).

5.5.4 D Capacity

Not applicable.

5.5.5 E Landings

5.5.5.1 Data submission

A total number of 62573 records were submitted for 2012. No updates for previous years' data.

Many records (2512 in number) submitted with missing rectangle information.

Minor issues identified in the submitted data set were 107 records with missing area information and 1534 records with missing mesh size information for gear type pots.

The landings by rectangle information available from France are given in Table 5.28. This table shows whether or not any information is available for the parameter in each year. This information is not necessarily complete (a single record would lead to a positive result). Missing information is indicated with **N**. Data submitted this year is indicated in bold and with a green filling. The number of species for which any information is provided is given also in the last row.

Table 5.28 Landings by Rectangle data from France

| Information | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 |
|-----------------------|------|------|------|------|------|------|------|------|------|-----------|
| Landings by Rectangle | N | N | N | N | N | N | N | N | Y | Y |
| Species | N | N | N | N | N | N | N | N | 94 | 87 |

5.5.5.2 Coverage and Quality

France only submitted data for 2012 meaning data for 2003-2010 is still not available.

5.6 Germany

Germany submitted the requested templates before the deadline. Revisions to the catch file required submission the week following the deadline. These records represent only a very small proportion of the reported German fisheries activities.

Table 5.29 Summary of submissions from Germany

| Template | First Submission | Last Submission |
|-------------------|------------------|-------------------|
| A_CATCH | 2013-05-02 | 2013-05-08 |
| B_EFFORT | 2013-05-02 | 2013-05-02 |
| C_EFFORT_SPECIFIC | 2013-05-03 | 2013-05-03 |
| D_CAPACITY | 2013-05-02 | 2013-05-02 |
| E_LANDINGS | 2013-05-03 | 2013-05-03 |

5.6.1 A Catch

5.6.1.1 Data submission

A total number of 2729 records were submitted for 2012, as requested in the data call. Updates of 2009-2011 data were performed on data as supplied in previous years.

Minor issues identified in the submitted data set were 38 records with gear code not consistent with the data call, and 211 records with missing mesh size for beam, gill and pots.

For vessels < 8m, no mesh size, discards or age information is available.

The catch information available from Germany is given in Table 5.30. This table shows whether or not any information is available for the parameter in each year. This information is not necessarily complete (a single record would lead to a positive result). Missing information is indicated with **N**. Data submitted this year is indicated in bold and with a green filling. The number of species for which any information is provided is given also in the last row.

Table 5.30 Catch data from Germany

| Information | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 |
|-----------------|------|------|------|------|------|------|------|------|------|-----------|
| Landings | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y |
| Discards | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y |
| Age | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y |
| Species | 78 | 83 | 84 | 88 | 85 | 75 | 79 | 70 | 53 | 52 |

5.6.1.2 Coverage and Quality

Fleet specific landings and estimated discard data were provided as outlined in the data call for 2003-2012 (2003-2011 have been submitted in previous years) derived from official logbook data covering all vessels $\geq 10\text{m}$. For the Baltic information for vessels $\geq 8\text{m}$ is provided. Information on landings are provided for vessels $< 10\text{m}$ (North Sea) and $< 8\text{m}$ (Baltic) based on landings declarations from these vessels in a more aggregated format as logbooks are not mandatory for these vessels. The estimation of discards is based on about 20-30 observer trips per year. . It is impossible to cover all quarter-gear-mesh size combinations in the data call. Therefore, final discard estimates in this report are to some extent based on

observations from other countries. The data consider the aggregation by quarter, area, gear, mesh size, and existing derogations including special conditions of 8.1.a, 8.1.c, 8.1.d, 8.1.e and 8.1.f for the years 2003-2008 as requested. For 2009 onwards the special conditions from the new cod management plan are used.

Records which did not pass the Data Submission filters represent a very small proportion of the reported German fisheries activities. They are related to fishing operations with gears for which no code is available in the STECF data call.

5.6.2 B Effort

5.6.2.1 Data submission

A total number of 2234 records were submitted for 2009-2012, as requested in the data call. Re-submission of the years 2009-2011 to address the request in the 2013 ToR to split specific condition art13 into its component parts (art13a, art13b, art13c, art13d).

Minor issues identified in the submitted data set were 50 records with gear code not consistent with the data call, and 27 records with missing mesh size for pots.

The nominal effort information available from Germany is given in Table 5.31. This table shows whether or not any information is available for the parameter in each year. This information is not necessarily complete (a single record would lead to a positive result). Missing information is indicated with **N**. Data submitted this year is indicated in bold and with a green filling.

Table 5.31 Nominal Effort data from Germany

| | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 |
|----------------|------|------|------|------|------|------|------|------|------|----------|----------|----------|----------|
| Nominal Effort | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y |

5.6.2.2 Coverage and Quality

Germany provided fleet specific effort data for 2000-2012 (2000-2011 have been submitted in previous years) in the requested formats derived from official logbook data. However, data on vessels <10m in the North Sea and <8m in the Baltic do not cover all vessels and trips because these vessels normally do not have to fill out logbooks. For the scientific evaluations in this report, the calculation procedure follows closely the description in the STECF technical report “Some technical guidance towards national fleet specific fishing effort and catch data aggregation” (ISBN 978-92-79-12134-0). This implies a calculation of kw-days based on calendar days and effort related to rescue operations etc. are not subtracted. The data consider the aggregation by quarter, area, gear, mesh size, and existing derogations including special conditions of 8.1.a, 8.1.c, 8.1.d, 8.1.e and 8.1.f for the years 2000-2008. For 2009 onwards the special conditions from the new cod management plan are used. Data for the years 2009-2011 was re-submitted to address the request in the 2013 ToR to split specific condition art13 into its component parts (art13a, art13b, art13c and art13d).

Records which did not pass the Data Submission filters represent a very small proportion of the reported German fisheries activities. They are related to fishing operations with gears for which no code is available in the STECF data call.

5.6.3 C Specific Effort

5.6.3.1 Data submission

A total number of 2174 records were submitted for 2012, as requested in the data call. No updates for previous years' data.

Minor issues identified in the submitted data set were 36 records with gear code not consistent with the data call, and 38 records with missing mesh size for pots.

The specific effort information available from Germany is given in Table 5.32. This table shows whether or not any information is available for the parameter in each year. This information is not necessarily complete (a single record would lead to a positive result). Missing information is indicated with **N**. Data submitted this year is indicated in bold and with a green filling.

Table 5.32 Effective Effort by Rectangle data from Germany

| Information | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 |
|-------------------------------|------|------|------|------|------|------|------|------|------|------|
| Effective Effort by Rectangle | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y |

5.6.3.2 Coverage and Quality

No comments.

5.6.4 D Capacity

5.6.4.1 Data submission

A total number of 148 records were submitted for 2003-2012.

The capacity information available from Germany is given in Table 5.33. This table shows whether or not any information is available for the parameter in each year. This information is not necessarily complete (a single record would lead to a positive result). Missing information is indicated with **N**. Data submitted this year is indicated in bold and with a green filling.

Table 5.33 Capacity data from Germany

| Information | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 |
|-----------------------|------|------|------|------|------|------|------|------|------|------|
| Fishing Capacity KW | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y |
| Fishing Capacity GT | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y |
| Number of Vessels | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y |
| Fishing Activity days | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y |

5.6.4.2 Coverage and Quality

Data on Capacity in the Baltic was provided as requested by the data call from logbook information. It was ensured that vessels do not count twice to get a realistic overview on fleet capacity. The full time series is covered.

5.6.5 E Landings

5.6.5.1 Data submission

A total number of 9393 records were submitted for 2012, as requested in the data call. No updates for previous years' data.

Minor issues identified in the submitted data set were 62 records with gear code not consistent with the data call, and 43 records with missing mesh size for pots.

The landings by rectangle information available from Germany are given in Table 5.34. This table shows whether or not any information is available for the parameter in each year. This information is not necessarily complete (a single record would lead to a positive result). Missing information is indicated with **N**. Data submitted this year is indicated in bold and with a green filling. The number of species for which any information is provided is given also in the last row.

Table 5.34 Landings by Rectangle data from Germany

| Information | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 |
|-----------------------|------|------|------|------|------|------|------|------|------|-----------|
| Landings by Rectangle | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y |
| Species | 46 | 49 | 51 | 48 | 49 | 44 | 48 | 50 | 49 | 46 |

5.6.5.2 Coverage and Quality

Germany aggregated the landings from logbook information as requested by ICES statistical rectangles. No complete data on the spatial distribution of landings could be provided for vessels <10m in the North Sea and <8m in the Baltic as it is not mandatory for these vessels to provide detailed logbook information. Descriptions on special conditions from part A and B also apply to part E.

Records which did not pass the Data Submission filters represent a very small proportion of the reported German fisheries activities. They are related to fishing operations with gears for which no code is available in the STECF data call.

5.7 Ireland

Ireland submitted the requested templates before the deadline with the exception of a revision to the effort table which was submitted soon after.

Table 5.35 Summary of submissions for Ireland

| Template | First Submission | Last Submission |
|-------------------|------------------|-------------------|
| A_CATCH | 2013-05-03 | 2013-05-03 |
| B_EFFORT | 2013-04-30 | 2013-05-15 |
| C_EFFORT_SPECIFIC | 2013-05-02 | 2013-05-02 |
| D_CAPACITY | N/A | N/A |
| E_LANDINGS | 2013-05-02 | 2013-05-02 |

5.7.1 A Catch

5.7.1.1 Data submission

A total number of 73788 records were submitted for 2009-2012, as requested in the data call. The years 2009-2011 were updated to include splitting special condition CPart13 into the separate components of CPart13a, CPart13b, CPart13c and CPart13d.

Minor issues identified in the submitted data set were 887 records with no gear information, 999 records with missing mesh size information for gillnets, otter gear and pots.

The catch information available from Ireland is given in Table 5.36. This table shows whether or not any information is available for the parameter in each year. This information is not necessarily complete (a single record would lead to a positive result). Missing information is indicated with **N**. Data submitted this year is indicated in bold and with a green filling. The number of species for which any information is provided is given also in the last row.

Table 5.36 Catch data from Ireland

| Information | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 |
|-------------|------|------|------|------|------|------|-----------|-----------|-----------|-----------|
| Landings | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y |
| Discards | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y |
| Age | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y |
| Species | 69 | 76 | 63 | 61 | 67 | 64 | 71 | 73 | 70 | 71 |

5.7.1.2 Coverage and Quality

Ireland provided fleet specific landings data for 2009-2012 derived from declared landings within the national logbook database (IFIS) for all vessels ≥ 10 meters in length. Operational landings information was used in order to provide landings data within the Biologically Sensitive Area (BSA). All species requested by the group and landed by Irish vessels have been provided in the requested aggregation. The following special condition information was supplied: none, CPart13a, CPart13b, CPart13c, CPart13d, CPart11 and DEEP. SPECON DEEP is a duplication of effort within the relevant areas.

Vessels < 10 meter are not required to complete logbooks, therefore landings data from these vessels are obtained from monthly reports. These reports provide species live weight by ICES area on a monthly basis. No vessel, gear, or effort information is recorded. There is some doubt as to the accuracy of these monthly reports.

It was not possible to accurately aggregate data to the level of EU, coast, and RFMO. Data was assigned according to the following: Where an EU category existed within an area, all data from that area was categorised as EU, with the exception of ICES division X assumed to be RFMO. Those ICES divisions without an EU category were assumed as 1 coast and 2 coast.

There is no quantitative information on misreporting although area misreporting for cod is known to be an issue between VIIg and VIIa.

Minor revisions were made to the 2009-2011 data due to continuing revisions and improvements to the national database. It was also necessary to re-compile data to differentiate between special conditions CPart13a-d.

Biological Landings estimations: Irish biological landings information is not recorded with mesh size information, this was re-constructed by linking to the

logbooks database, where possible. The age composition of the landings was estimated for each quarter of 2009-2012, by gear, area and species (any higher level of disaggregation would violate the sampling design). The age compositions were then assigned to each of the remaining categories (vessel_length; mesh, fishery; specon) based on the reported landings in each of these categories.

Discard and biological Discards estimations: Discard data were raised up to the fleet level for each year, quarter, gear, area and species. Fishing effort (hours fished) was used for all species as the auxiliary variable. The age compositions were then assigned to each of the remaining categories (vessel_length; mesh, fishery; specon) based on the effort (kWdays) in each of these categories. Discards that were observed to be zero are included.

WARNINGS (from the member state):

- 1) Differences between ICES stock assessment working group data STECF data will arise because different levels of stratification were used; we applied the most disaggregated level of stratification possible for the STECF data call, while working group estimates are generally produced by merging a number of strata. Additionally, the discard estimates for the working groups are produced using different auxiliary variables for certain stocks. Because of the large number of species involved it was decided to use a single auxiliary variable for all species.
- 2) Because the data are estimated by year, quarter, gear and area, it is meaningless to compare age compositions between vessel length categories, mesh size categories and special conditions; the age composition will be identical for all of these sub-categories)
- 3) Most categories (year, quarter, vessel length, gear, mesh etc.) have not been sampled and sample numbers are very low for categories that have been sampled. Therefore the biological data should be treated with extreme caution. It would be more useful to ask for the raw data so this can be aggregated at whatever level is appropriate.
- 4) There will be many cases where a year-quarter-area-gear-vessel length-mesh-fishery-specon combination has not been sampled but there will be biological information (including 'observed' zero values for discards). This is because the biological information is estimated for year-quarter-area-gear combinations and then assigned to the various year-quarter-area-gear-vessel length-mesh-fishery-specon combinations based on landings or effort.

5.7.2 *B Effort*

5.7.2.1 *Data submission*

A total number of 2961 records were submitted for 2009-2012, as requested in the data call. The whole time series was updated.

No information is provided for vessels less than 10 meters in length.

Minor issues identified in the submitted data set were 26 records with no gear information, 58 with missing vessel length information and 2110 records with missing mesh size information for various gear types.

The nominal effort information available from Ireland is given in Table 5.37. This table shows whether or not any information is available for the parameter in each year. This information is not necessarily complete (a single record would lead to a positive result). Missing information is indicated with **N**. Data submitted this year is indicated in bold and with a green filling.

Table 5.37 Nominal Effort data from Ireland

| | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 |
|----------------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| Nominal Effort | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y |

5.7.2.2 Coverage and Quality

Mesh size information was only available from 2003 onwards.

No information is provided for vessels less than 10 meters in length. Vessels less than 10m in length are not required to complete logbooks, and therefore no effort is available for these vessels.

Ireland provided fleet specific kW*days-at-sea, GT*days-at-sea kW capacity and vessel numbers for 2009-2012 in the requested aggregation format, derived from the national logbook database (IFIS) for vessels ≥ 10 meters in length. The following special condition information was supplied: none, CPart13a, CPart13b, CPart13c, CPart13d, CPart11 and DEEP. Specon DEEP is a duplication of effort within the relevant areas. Days-at-sea data were constructed following the methodology guidelines provided by the Joint Research Council at a meeting held by the Commission in February 2009 and according to the Control Regulation. Only one gear and area combination is applied to any one vessel day assigned according to the dominant fishing activity.

Fishing activity was not provided as Ireland does not operate within the areas for which this data was requested.

Days-at-sea effort for 2000-2002 is presented as a calculated proxy, obtained from the average ratio of operational fishing days to days-at-sea by gear during 2003 to 2005.

It was not possible to accurately aggregate data to the level of EU, coast, and RFMO. Data was assigned according to the following: Where an EU category existed within an area, all data from that area was categorised as EU, with the exception of ICES division X assumed to be RFMO. Those ICES divisions without an EU category were assumed as 1 coast and 2 coast.

5.7.3 C Specific Effort

5.7.3.1 Data submission

A total number of 12544 records were submitted for 2009-2012, as requested in the data call. The years 2009-2011 were updated because of the need to separate specon CPart13 into Cpart13a-d.

No information was provided for vessels less than 10 meters in length.

Minor issues identified in the submitted data set were 233 records with no gear information and 1004 records with missing mesh size information for gill, otter gear and pots.

The specific effort information available from Ireland is given in Table 5.38. This table shows whether or not any information is available for the parameter in each year. This information is not necessarily complete (a single record would lead to a positive result). Missing information is indicated with **N**. Data submitted this year is indicated in bold and with a green filling.

Table 5.38 Effective Effort by Rectangle data from Ireland

| Information | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 |
|-------------------------------|------|------|------|------|------|------|------|------|------|------|
| Effective Effort by Rectangle | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y |

5.7.3.2 Coverage and Quality

No spatial effort information is available for vessels less than 10m in length.

Ireland provided effective effort by ICES statistical rectangle in units of hours fished for the period 2009-2012 in the requested aggregation format, derived from the national logbook database (IFIS) for vessels ≥ 10 m in length. Hours fished were calculated by summing fishing time reported within the logbook operations. To ensure consistency between datasets, the same base operational logbooks data was used as for the aggregation of days-at-sea effort. The following special condition information was supplied: none, CPart13a, CPart13b, CPart13c, CPart13d, CPart11 and DEEP. Specon DEEP is a duplication of effort within the relevant areas.

It was not possible to accurately aggregate data to the level of EU, coast, and RFMO. Data was assigned according to the following: Where an EU category existed within an area, all data from that area was categorised as EU, with the exception of ICES division X assumed to be RFMO. Those ICES divisions without an EU category were assumed as 1 coast and 2 coast.

5.7.4 D Capacity

Not applicable.

5.7.5 E Landings

5.7.5.1 Data submission

A total number of 88629 records were submitted for 2009-2012, as requested in the data call. The years 2009-2011 were updated because of the need to separate specon CPart13 into Cpart13a-d.

No information was provided for vessels less than 10 meters in length.

Minor issues identified in the submitted data set were 1769 records with no gear information and 1898 records with missing mesh size information for gill, otter and pots.

The landings by rectangle information available from Ireland are given in Table 5.39. This table shows whether or not any information is available for the parameter in each year. This information is not necessarily complete (a single record would lead to a positive result). Missing information is indicated with **N**. Data submitted

this year is indicated in bold and with a green filling. The number of species for which any information is provided is given also in the last row.

Table 5.39 Landings by Rectangle data for Ireland

| Information | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 |
|-----------------------|------|------|------|------|------|------|------|------|------|-----------|
| Landings by Rectangle | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y |
| Species | 66 | 61 | 56 | 55 | 62 | 47 | 48 | 49 | 46 | 53 |

5.7.5.2 Coverage and Quality

No spatial landings information is available for vessels less than 10m in length.

Ireland provided landings by ICES statistical rectangle for the period 2009-2012 in the requested aggregation format, derived from the national logbook database (IFIS) for vessels ≥ 10 m in length. Landings were calculated by summing live weights reported within the logbook operations as declared landings are not available at the level of statistical rectangle. To ensure consistency between datasets, the same base operational logbooks data was used as for the aggregation of declared landings within the Landings database (A). The following special condition information was supplied: none, CPart13a, CPart13b, CPart13c, CPart13d, CPart11 and DEEP. Specon DEEP is a duplication of effort within the relevant areas.

It was not possible to accurately aggregate data to the level of EU, coast, and RFMO. Data was assigned according to the following: Where an EU category existed within an area, all data from that area was categorised as EU, with the exception of ICES division X assumed to be RFMO. Those ICES divisions without an EU category were assumed as 1 coast and 2 coast.

5.8 Latvia

Latvia submitted the requested templates before the deadline.

Table 5.40 Summary of submissions for Latvia

| Template | First Submission | Last Submission |
|-------------------|------------------|-----------------|
| A_CATCH | 2013-04-30 | 2013-04-30 |
| B_EFFORT | 2013-04-30 | 2013-04-30 |
| C_EFFORT_SPECIFIC | 2013-04-30 | 2013-04-30 |
| D_CAPACITY | 2013-04-30 | 2013-04-30 |
| E_LANDINGS | 2013-04-30 | 2013-04-30 |

5.8.1 A Catch

5.8.1.1 Data submission

A total number of 147 records were submitted for 2012, as requested in the data call. No updates for previous years' data.

The catch information available from Latvia is given in Table 5.41. This table shows whether or not any information is available for the parameter in each year. This information is not necessarily complete (a single record would lead to a positive

result). Missing information is indicated with **N**. Data submitted this year is indicated in bold and with a green filling. The number of species for which any information is provided is given also in the last row.

Table 5.41 Catch data from Latvia

| Information | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 |
|-------------|------|------|------|------|------|------|------|------|------|----------|
| Landings | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y |
| Discards | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y |
| Age | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y |
| Species | 8 | 7 | 7 | 7 | 7 | 7 | 7 | 8 | 8 | 7 |

5.8.1.2 Coverage and Quality

STECF EWG notes that according to the Latvian National Programme discard data should to be collected for cod only.

Discards data were collected under the Latvian National Programme according to the sampling strategy. The discard volume was determined in the cod fishery: GNS_DEF_110-156_0_0 and OTB_DEF_>=105_1_110. The sampling scheme does not cover all quarter-gear-mesh size combinations in the data call.

5.8.2 B Effort

5.8.2.1 Data submission

A total number of 71 records were submitted for 2012, as requested in the data call. No updates for previous years' data.

The nominal effort information available from Latvia is given in Table 5.42. This table shows whether or not any information is available for the parameter in each year. This information is not necessarily complete (a single record would lead to a positive result). Missing information is indicated with **N**. Data submitted this year is indicated in bold and with a green filling.

Table 5.42 Nominal Effort data from Latvia

| | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 |
|----------------|----------|----------|----------|------|------|------|------|------|------|------|------|------|----------|
| Nominal Effort | N | N | N | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y |

5.8.2.2 Coverage and Quality

All effort data were based on the information derived from logbooks.

Fishing activity (days at sea) were calculated on the base of voyage start date and the voyage end date, by subtraction returning date from departure date. In case when a voyage started and ended in the same date it was adopted as 1 day at sea. If the vessels during the trip operated in more than one area each day was attributed to the area where the most fishing time was spent. Based on the detailed information given it remains unclear to the STECF EWG 13-13 if the data are consistent with Control or DCF Regulation.

All fields of requested effort data, such as days at sea, kW*Days and Gt*Days are available for all fleet segments for 2008-2012, but only for the offshore fishery

(vessels >10m) for the period 2003-2007. It was impossible to estimate accurately effort data in kW*days and Gt*days for boats less than 10 m operated in the coastal zone for years prior to 2008, because fishermen in that period filled logbooks without data about boats. That is the main reason for incomplete information concerning the small scale fishery segment for the period 2005-2007. However, “days at sea” were presented for all vessel segments for this period.

5.8.3 C Specific Effort

5.8.3.1 Data submission

A total number of 198 records were submitted for 2012, as requested in the data call. No updates for previous years’ data.

The specific effort information available from Latvia is given in Table 5.43. This table shows whether or not any information is available for the parameter in each year. This information is not necessarily complete (a single record would lead to a positive result). Missing information is indicated with **N**. Data submitted this year is indicated in bold and with a green filling.

Table 5.43 Effective Effort by Rectangle data from Latvia

| Information | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 |
|-------------------------------|------|------|------|------|------|------|------|------|------|----------|
| Effective Effort by Rectangle | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y |

5.8.3.2 Coverage and Quality

Effective effort (Hours fished) was calculated by summing fishing duration for each operation during the trip. For the small boats less than 10 m this parameter was calculated as fishing days multiplied by 24. Effort data were derived from logbooks and covered all fleet segments for the period of 2005-2012. Fleet specific effort data for small boats (<8m) were not provided for 2003 – 2004.

5.8.4 D Capacity

5.8.4.1 Data submission

A total number of 81 records were submitted for 2003-2012, as requested in the data call. The whole time series was updated.

The capacity information available from Latvia is given in Table 5.44. This table shows whether or not any information is available for the parameter in each year. This information is not necessarily complete (a single record would lead to a positive result). Missing information is indicated with **N**. Data submitted this year is indicated in bold and with a green filling.

Table 5.44 Capacity data from Latvia

| Information | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 |
|-----------------------|------|------|------|------|------|------|------|------|------|----------|
| Fishing Capacity KW | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y |
| Fishing Capacity GT | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y |
| Number of Vessels | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y |
| Fishing Activity days | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y |

5.8.4.2 Coverage and Quality

Data for boats < 8m were provided for 2008-2012 only.

5.8.5 E Landings

5.8.5.1 Data submission

A total number of 352 records were submitted for 2012, as requested in the data call. No updates for previous years' data.

The landings by rectangle information available from Latvia are given in Table 5.28. This table shows whether or not any information is available for the parameter in each year. This information is not necessarily complete (a single record would lead to a positive result). Missing information is indicated with **N**. Data submitted this year is indicated in bold and with a green filling. The number of species for which any information is provided is given also in the last row.

Table 5.45 Landings by rectangle data for Latvia

| Information | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 |
|-----------------------|------|------|------|------|------|------|------|------|------|----------|
| Landings by Rectangle | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y |
| Species | 8 | 7 | 7 | 7 | 7 | 7 | 7 | 8 | 8 | 7 |

5.8.5.2 Coverage and Quality

No comments.

5.9 Lithuania

Lithuania submitted the requested templates before the deadline with the exception of a revision of the capacity table which was submitted soon after the deadline.

Table 5.46 Summary of submissions for Lithuania

| Template | First Submission | Last Submission |
|-------------------|------------------|-------------------|
| A_CATCH | 2013-05-02 | 2013-05-02 |
| B_EFFORT | 2013-05-01 | 2013-05-02 |
| C_EFFORT_SPECIFIC | 2013-04-15 | 2013-04-15 |
| D_CAPACITY | 2013-04-15 | 2013-05-10 |
| E_LANDINGS | 2013-04-17 | 2013-04-17 |

5.9.1 A Catch

5.9.1.1 Data submission

A total number of 141 records were submitted for 2012. No updates for previous years' data. The catch information available from Lithuania is given in Table 5.47. This table shows whether or not any information is available for the parameter in each year. This information is not necessarily complete (a single record would lead to a positive result). Missing information is indicated with **N**. Data submitted this year is indicated in bold and with a green filling. The number of species for which any information is provided is given also in the last row.

Table 5.47 Catch data from Lithuania

| Information | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 |
|-------------|------|------|------|------|------|------|------|------|------|-----------|
| Landings | N | N | Y | Y | Y | Y | Y | Y | Y | Y |
| Discards | N | N | N | N | N | N | Y | Y | Y | Y |
| Age | N | N | N | N | N | N | Y | Y | Y | Y |
| Species | N | N | 1 | 1 | 1 | 1 | 11 | 12 | 15 | 20 |

5.9.1.2 Coverage and Quality

No comments

5.9.2 B Effort

5.9.2.1 Data submission

A total number of 86 records were submitted for 2012, as requested in the data call. No updates for previous years' data.

The nominal effort information available from Lithuania is given in Table 5.48. This table shows whether or not any information is available for the parameter in each year. This information is not necessarily complete (a single record would lead to a positive result). Missing information is indicated with **N**. Data submitted this year is indicated in bold and with a green filling.

Table 5.48 Nominal Effort data from Lithuania

| 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 |
|------|------|------|------|------|------|------|------|------|------|------|------|------|
|------|------|------|------|------|------|------|------|------|------|------|------|------|

| | | | | | | | | | | | | | |
|----------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| Nominal Effort | N | N | N | N | N | Y | Y | Y | Y | Y | Y | Y | Y |
|----------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|

5.9.2.2 Coverage and Quality

No comments.

5.9.3 C Specific Effort

5.9.3.1 Data submission

A total number of 134 records were submitted for 2012, as requested in the data call. No updates for previous years' data.

The specific effort information available from Lithuania is given in Table 5.49. This table shows whether or not any information is available for the parameter in each year. This information is not necessarily complete (a single record would lead to a positive result). Missing information is indicated with **N**. Data submitted this year is indicated in bold and with a green filling.

Table 5.49 Effective Effort by Rectangle data from Lithuania

| Information | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 |
|-------------------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| Effective Effort by Rectangle | N | N | N | N | N | N | Y | Y | Y | Y |

5.9.3.2 Coverage and Quality

No comments.

5.9.4 D Capacity

5.9.4.1 Data submission

A total number of 32 records were submitted for 2009-2012.

The capacity information available from Lithuania is given in Table 5.50. This table shows whether or not any information is available for the parameter in each year. This information is not necessarily complete (a single record would lead to a positive result). Missing information is indicated with **N**. Data submitted this year is indicated in bold and with a green filling.

Table 5.50 Capacity data from Lithuania

| Information | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 |
|-----------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| Fishing Capacity KW | N | N | N | N | N | N | Y | Y | Y | Y |
| Fishing Capacity GT | N | N | N | N | N | N | Y | Y | Y | Y |
| Number of Vessels | N | N | N | N | N | N | Y | Y | Y | Y |
| Fishing Activity days | N | N | N | N | N | N | Y | Y | Y | Y |

5.9.4.2 Coverage and Quality

No comments.

5.9.5 E Landings

5.9.5.1 Data submission

A total number of 242 records were submitted for 2012. No updates for previous years' data.

The landings by rectangle information available from Lithuania are given in Table 5.51. This table shows whether or not any information is available for the parameter in each year. This information is not necessarily complete (a single record would lead to a positive result). Missing information is indicated with **N**. Data submitted this year is indicated in bold and with a green filling. The number of species for which any information is provided is given also in the last row.

Table 5.51 Landings by Rectangle data from Lithuania

| Information | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 |
|-----------------------|------|------|------|------|------|------|------|------|------|----------|
| Landings by Rectangle | N | N | N | N | N | Y | Y | Y | Y | Y |
| Species | N | N | N | N | N | 8 | 8 | 8 | 8 | 8 |

5.9.5.2 Coverage and Quality

No comments.

5.10 The Netherlands

The Netherlands submitted the requested templates after the deadline but before EWG 13-06.

Table 5.52 Summary of submissions from The Netherlands

| Template | First Submission | Last Submission |
|-------------------|-------------------|-------------------|
| A_CATCH | 2013-05-15 | 2013-05-15 |
| B_EFFORT | 2013-05-15 | 2013-05-15 |
| C_EFFORT_SPECIFIC | 2013-05-15 | 2013-05-15 |
| D_CAPACITY | N/A | N/A |
| E_LANDINGS | 2013-05-15 | 2013-05-15 |

5.10.1 A Catch

5.10.1.1 Data submission

A total number of 1788 records were submitted for 2012, as requested in the data call. No updates for previous years' data.

The catch information available from The Netherlands is given in Table 5.53. This table shows whether or not any information is available for the parameter in each year. This information is not necessarily complete (a single record would lead to a positive result). Missing information is indicated with **N**. Data submitted this year is indicated in bold and with a green filling. The number of species for which any information is provided is given also in the last row.

Table 5.53 Catch data from The Netherlands

| Information | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 |
|-------------|------|------|------|------|------|------|------|------|------|-----------|
| Landings | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y |
| Discards | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y |
| Age | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y |
| Species | 3 | 3 | 3 | 3 | 3 | 3 | 39 | 43 | 38 | 43 |

5.10.1.2 Coverage and Quality

The Netherlands has indicated to STECF that analyses in The Netherlands indicate there may be differences between the data generated by the Dutch monitoring and raising programme and the data that is contained in the STECF database.

5.10.2 B Effort

5.10.2.1 Data submission

A total number of 363 records were submitted for 2012, as requested in the data call. No updates for previous years' data.

The nominal effort information available from The Netherlands is given in Table 5.54. This table shows whether or not any information is available for the parameter in each year. This information is not necessarily complete (a single record would lead to a positive result). Missing information is indicated with **N**. Data submitted this year is indicated in bold and with a green filling.

Table 5.54 Nominal Effort data from The Netherlands

| | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 |
|----------------|------|------|------|------|------|------|------|------|------|------|------|------|----------|
| Nominal Effort | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y |

5.10.2.2 Coverage and Quality

The Netherlands provided effort data for 2012. No updates for previous years' were submitted. The data was provided in the requested format using the official logbook data for vessels < 10 m, >= 10 <=15 m and >15 m.

5.10.3 C Specific Effort

5.10.3.1 Data submission

A total number of 1975 records were submitted for 2012, as requested in the data call. No updates for previous years' data.

The specific effort information available from The Netherlands is given in Table 5.55. This table shows whether or not any information is available for the parameter in each year. This information is not necessarily complete (a single record would lead to a positive result). Missing information is indicated with **N**. Data submitted this year is indicated in bold and with a green filling.

Table 5.55 Effective Effort by Rectangle data from The Netherlands

| Information | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 |
|-------------------------------|------|------|------|------|------|------|------|------|------|----------|
| Effective Effort by Rectangle | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y |

5.10.3.2 Coverage and Quality

The data was provided in the requested format using the official logbook data for vessels < 10 m, >= 10 <=15 m and >15 m. Not all records passed the Data Submission filters due to the fact that rectangles are only defined for ICES areas and not for CECAF areas. Despite this, all records were submitted.

5.10.4 D Capacity

Not applicable.

5.10.5 E Landings

5.10.5.1 Data submission

A total number of 8266 records were submitted for 2012, as requested in the data call. No updates for previous years' data.

The landings by rectangle information available from The Netherlands are given in Table 5.56. This table shows whether or not any information is available for the parameter in each year. This information is not necessarily complete (a single record would lead to a positive result). Missing information is indicated with **N**. Data submitted this year is indicated in bold and with a green filling. The number of species for which any information is provided is given also in the last row.

Table 5.56 Landings by Rectangle data from The Netherlands

| Information | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 |
|-----------------------|------|------|------|------|------|------|------|------|------|-----------|
| Landings by Rectangle | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y |
| Species | 37 | 36 | 34 | 34 | 39 | 35 | 35 | 41 | 37 | 43 |

5.10.5.2 Coverage and Quality

No comments.

5.11 Poland

Poland submitted the requested templates after the deadline but before EWG 13-06.

Table 5.57 Summary of submissions for Poland

| Template | First Submission | Last Submission |
|-------------------|-------------------|-------------------|
| A_CATCH | 2013-05-07 | 2012-05-07 |
| B Effort | 2013-05-07 | 2012-05-07 |
| C Effort Specific | 2013-04-30 | 2012-05-07 |
| D Capacity | 2013-05-07 | 2012-05-07 |
| E Landings | 2013-05-07 | 2012-05-20 |

5.11.1 A Catch

5.11.1.1 Data submission

A total number of 1592 records were submitted for 2012, as requested in the data call. No updates for previous years' data.

No special condition information was recorded in the 2012 data.

Minor issues identified in the submitted data set were 367 records with missing mesh size information for various gear types.

The catch information available from Poland is given in Table 5.58. This table shows whether or not any information is available for the parameter in each year. This information is not necessarily complete (a single record would lead to a positive result). Missing information is indicated with **N**. Data submitted this year is

indicated in bold and with a green filling. The number of species for which any information is provided is given also in the last row.

Table 5.58 Catch data from Poland

| Information | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 |
|-------------|------|------|------|------|------|------|------|------|------|------|
| Landings | N | Y | Y | Y | Y | Y | Y | Y | Y | Y |
| Discards | N | Y | Y | Y | Y | Y | Y | Y | Y | Y |
| Age | N | Y | Y | Y | Y | Y | Y | Y | Y | Y |
| Species | N | 45 | 39 | 41 | 35 | 38 | 37 | 41 | 14 | 13 |

5.11.1.2 Coverage and Quality

No special condition information was recorded in the 2012 data.

Comparison of 2011 mesh size data with 2004-2010 shows that they are not consistent and significantly different. Neither mesh size nor SPECON (BACOMA window, T90) information were available from the database for 2004-2010. Thus these information were estimated based on expert knowledge and assumptions. Targeted species assemblages (métier), actual fish species caught and gear used were taken into account to identify mesh size. In 2011 data about mesh size were based on actual information derived from logbooks. This caused many “-1” values (missing values) which were reported for 2001-2010, to become known and changed into “16-31” or “32-54” in 2011. Information on discards was provided for cod (2003-2011) taken in fisheries targeting cod, discards for herring, sprat and flounder was delivered for 2011 and discards for cod, flounder, perch, plaice and turbot in 2012.

5.11.2 B Effort

5.11.2.1 Data submission

A total number of 1448 records were submitted for 2011-2012, as requested in the data call. Update of 2011 data.

Minor issues identified in the submitted data set were 238 records with missing mesh size information for various gear types.

The nominal effort information available from Poland is given in Table 5.59. This table shows whether or not any information is available for the parameter in each year. This information is not necessarily complete (a single record would lead to a positive result). Missing information is indicated with **N**. Data submitted this year is indicated in bold and with a green filling.

Table 5.59 Nominal Effort data from Poland

| | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 |
|----------------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| Nominal Effort | N | N | N | N | Y | Y | Y | Y | Y | Y | Y | Y | Y |

5.11.2.2 Coverage and Quality

STECF EWG 13-13 notes that a different method of estimation of mesh size ranges in 2011 (compared to the previous years) caused a change in the mesh size class allocated to the majority of records, (compared to the 2004-2010 period). This mostly concerns vessels under 10 meters.

5.11.3 C Specific Effort

5.11.3.1 Data submission

A total number of 3095 records were submitted for 2011-2012, as requested in the data call. Update of 2011 data.

Minor issues identified in the submitted data set were 411 records with missing mesh size information for various gear types.

The specific effort information available from Poland is given in Table 5.60. This table shows whether or not any information is available for the parameter in each year. This information is not necessarily complete (a single record would lead to a positive result). Missing information is indicated with **N**. Data submitted this year is indicated in bold and with a green filling.

Table 5.60 Effective Effort by Rectangle data from Poland

| Information | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 |
|-------------------------------|----------|------|------|------|------|------|------|------|------|----------|
| Effective Effort by Rectangle | N | Y | Y | Y | Y | Y | Y | Y | Y | Y |

5.11.3.2 Coverage and Quality

STECF EWG 13-13 notes that a different method of estimation of mesh size ranges in 2011 (compared to the previous years) caused a change in the mesh size class allocated to the majority of records, (compared to the 2004-2010 period). This mostly concerns vessels under 10 meters.

5.11.4 D Capacity

5.11.4.1 Data submission

A total number of 286 records were submitted for 2004-2012. The whole time series previously stored for Poland has been updated.

The capacity information available from Poland is given in Table 5.61. This table shows whether or not any information is available for the parameter in each year. This information is not necessarily complete (a single record would lead to a positive result). Missing information is indicated with **N**. Data submitted this year is indicated in bold and with a green filling.

Table 5.61 Capacity data from Poland

| Information | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 |
|-----------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| Fishing Capacity KW | N | Y | Y | Y | Y | Y | Y | Y | Y | Y |
| Fishing Capacity GT | N | Y | Y | Y | Y | Y | Y | Y | Y | Y |
| Number of Vessels | N | Y | Y | Y | Y | Y | Y | Y | Y | Y |
| Fishing Activity days | N | Y | Y | Y | Y | Y | Y | Y | Y | Y |

5.11.4.2 Coverage and Quality

No comments.

5.11.5 E Landings

5.11.5.1 Data submission

A total number of 3210 records were submitted for 2012. No updates for previous years' data.

Minor issues identified in the submitted data set were 551 records with missing mesh size information for various gear types.

The landings by rectangle information available from Poland are given in Table 5.62. This table shows whether or not any information is available for the parameter in each year. This information is not necessarily complete (a single record would lead to a positive result). Missing information is indicated with **N**. Data submitted this year is indicated in bold and with a green filling. The number of species for which any information is provided is given also in the last row.

Table 5.62 Landings by Rectangle data from Poland

| Information | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 |
|-----------------------|------|------|------|------|------|------|------|------|------|-----------|
| Landings by Rectangle | N | Y | Y | Y | Y | Y | Y | Y | Y | Y |
| Species | N | 15 | 14 | 13 | 13 | 13 | 13 | 13 | 14 | 13 |

5.11.5.2 Coverage and Quality

Comparison of 2011 mesh size data with 2004-2010 shows that they are not consistent and significantly different. Neither mesh size nor SPECON (BACOMA window, T90) information were available from the database for 2004-2010. Thus these information were estimated based on expert knowledge and assumptions. Targeted species assemblages (métier), actually fish species caught and gear used were taken into account to identify mesh size. In 2011 data about mesh size were based on actual information derived from logbooks. This caused many “-1” values (missing values) which were reported for 2001-2010, to become known and changed into “16-31” or “32-54” in 2011.

5.12 Portugal

Portugal submitted the requested templates before the deadline. However, due to issues over the quality of the data that were identified by the experts of the group re-submissions were performed during the EWG 13-06.

Table 5.63 Summary of submissions for Portugal

| Template | First Submission | Last Submission |
|-------------------|------------------|-------------------|
| A_CATCH | 2013-05-03 | 2012-06-17 |
| B_EFFORT | 2013-05-03 | 2012-06-17 |
| C_EFFORT_SPECIFIC | 2013-05-03 | 2012-06-17 |
| D_CAPACITY | N/A | N/A |
| E_LANDINGS | 2013-05-03 | 2012-06-17 |

5.12.1 A Catch

5.12.1.1 Data submission

A total number of 6586 records were submitted for 2003-2012. The whole time series was updated.

Minor issues identified in the submitted data set were 627 records with missing gear type (all from vessels < 10m in length) and 4 records with missing mesh size information for pelagic trawl and seine gear types.

The catch information available from Portugal is given in Table 5.64. This table shows whether or not any information is available for the parameter in each year. This information is not necessarily complete (a single record would lead to a positive result). Missing information is indicated with **N**. Data submitted this year is indicated in bold and with a green filling. The number of species for which any information is provided is given also in the last row. Inconsistent data with the definitions of the data call is denoted as **I**.

Table 5.64 Catch data from Portugal

| Information | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 |
|-------------|------|------|------|------|------|------|------|------|------|------|
| Landings | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y |
| Discards | N | N | N | N | N | N | N | N | N | Y |
| Age | N | N | N | N | N | N | N | I | I | I |
| Species | 25 | 24 | 41 | 38 | 40 | 33 | 34 | 40 | 38 | 37 |

5.12.1.2 Coverage and Quality

Discards: In the period 2004-2010, hake discards were provided, assuming that they were proportional to the trawl landings, the only gear sampled. However, considering that, according to the Data Collection Framework raising procedures, discards are raised using effort and not landings and that the data call grouping is not consistent with the sampled DCF métiers, in 2012 hake discards from Portugal were removed from the database.

The Portuguese annual discard estimates have high coefficients of variation (> 30%). The assignment of these data to the data call disaggregated métiers when the métiers do not perfectly match is not possible without making strong assumptions different from those used in the established raising procedures and that could lead to completely different total discard estimates. Therefore, data on hake annual discards by DCF métiers were provided and included in tables and figures in aggregated form.

At present, the procedure used to raise discards from haul to fleet level in the Portuguese trawl fisheries is adapted from Fernandes et al. (2010) (Jardim and Fernandes, in prep.). Using this procedure, species with low frequency of occurrence or abundance in discards (i.e., a large number of zeros in the data set) cannot be reliably estimated at fleet level (Jardim et al., 2011). The frequency of occurrence and abundance of most species in the discards of the Portuguese bottom trawl fleet was below 30%. Consequently, annual trawl discard volumes and length frequencies at fleet level were only estimated for some métiers, species and years.

The sampling methodologies for gillnets and trammel nets (sampled from late 2009 onwards) were only recently standardized (Prista and Jardim, 2011). These are only two of the several métiers that can be performed by the so-called Portuguese polyvalent fleet (or multi-gear fleet). Besides nets, the vessels in this fleet are also frequently licensed to use pots and bottom longlines, and frequently carry out

several métiers in a single fishing trip and/or switch métiers during the year. Such uncertainties in determining fishing effort at métier level, along with low spatial-temporal coverage of fleet activity and difficulties in raising data from multi-métier fishing trips to fleet level have hampered the estimation of gillnet and trammel net discards. No estimates at fleet level have been performed to date. Bottom longlines are not among the selected métiers for on board sampling under the DCF National program.

In 2013, discard estimates are presented only for bottom otter trawl. The problem of different metier aggregation in DCF and in the data call request is not yet solved and the total discards by species were allocated to the data call more disaggregated metiers proportionally to their landings, although this procedure is considered inappropriate. In this way, discards are presented for hake and blue whiting for the period 2004-2012 and for some years for Norway lobster and mackerel. Zero discards have been reported for black scabbard fish, sole, sea breams, several species of sharks and *Nephrops* in most of the years,

Norway lobster is a valuable species and discards are negligible. No discard estimates were presented for other species due to the reasons presented above.

Age data: Age data is provided for black scabbard fish only. There is a serious concern about European hake growth. Tagging experiences show that growth rate could be two times higher than expected, although the true value is uncertain (ICES, 2009). At present, the assessment model is length based (ICES, 2010a). Norway lobster, there is not a standardized ageing methodology.

B Effort

5.12.1.3 Data submission

A total number of 2328 records were submitted for 2000-2012, as requested in the data call. The whole time series was updated.

Minor issues identified in the submitted data set were 96 records with missing gear type (all from vessels < 10m in length) and 10 records with missing mesh size information for pelagic trawl and seine gear types.

The nominal effort information available from Portugal is given in Table 5.65. This table shows whether or not any information is available for the parameter in each year. This information is not necessarily complete (a single record would lead to a positive result). Missing information is indicated with **N**. Data submitted this year is indicated in bold and with a green filling.

Table 5.65 Nominal Effort data from Portugal

| | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 |
|----------------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| Nominal Effort | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y |

5.12.1.4 Coverage and Quality

Data on fishing activity and fishing capacity were provided for vessels ≥10 meters operating with regulated gears and with specon=NONE (under effort restrictions).

Vessels < 10 meters are not required to complete logbooks. Effort of these vessels was estimated based on sales records and data is not available for all fields of the data call.

Although most inconsistencies from previous years in the combination of GEAR*SPECON have been corrected in the data submitted this year, there are still a few mistakes remaining e.g. for gears “PEL_TRAWL”, “PEL_SEINE” and “POTS” with special condition “DEEP”.

5.12.2 C Specific Effort

5.12.2.1 Data submission

A total number of 9722 records were submitted for 2003-2012, as requested in the data call. The whole time series was updated.

Minor issues identified in the submitted data set were 557 records with missing gear type (all from vessels < 10m in length) and 9 records with missing mesh size information for pelagic trawl and seine gear types.

The specific effort information available from Portugal is given in Table 5.66. This table shows whether or not any information is available for the parameter in each year. This information is not necessarily complete (a single record would lead to a positive result). Missing information is indicated with **N**. Data submitted this year is indicated in bold and with a green filling.

Table 5.66 Effective Effort by Rectangle data from Portugal

| Information | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 |
|-------------------------------|------|------|------|------|------|------|------|------|------|------|
| Effective Effort by Rectangle | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y |

5.12.2.2 Coverage and Quality

Portugal provided effective effort (in hours) by rectangle for the period 2003-2012 for vessels ≥ 10 meters with the aggregation requested by the data call, based on logbook data.

No spatial effort information is available for vessels < 10 meters, since they are not required to complete logbooks.

5.12.3 D Capacity

Not applicable.

5.12.4 E Landings

5.12.4.1 Data submission

A total number of 19225 records were submitted for 2003-2012, as requested in the data call. The whole time series was updated.

Minor issues identified in the submitted data set were 3090 records with missing gear type (all from vessels < 10m in length) and 4 records with missing mesh size information for pelagic trawl and seine gear types.

The landings by rectangle information available from Portugal are given in Table 5.67. This table shows whether or not any information is available for the parameter in each year. This information is not necessarily complete (a single record would

lead to a positive result). Missing information is indicated with **N**. Data submitted this year is indicated in bold and with a green filling. The number of species for which any information is provided is given also in the last row.

Table 5.67 Landings by Rectangle data from Portugal

| Information | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 |
|-----------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| Landings by Rectangle | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y |
| Species | 31 | 38 | 43 | 37 | 43 | 33 | 34 | 39 | 36 | 36 |

5.12.4.2 Coverage and Quality

Portugal provided landings by species and by rectangle for the period 2003-2012 for vessels ≥ 10 meters with the aggregation requested by the data call, based on logbook data.

No spatial landings information is available for vessels < 10 meters, since they are not required to complete logbooks. No quality check was performed.

5.13 Spain

Spain submitted the requested templates after the deadline but before EWG 13-06. Due to errors identified during EWG 13-06 catch data was resubmitted during EWG 13-06. Catch data was again re-submitted ahead of EWG 13-13. Some remaining problems were identified during EWG 13-13 and the data modified during EWG 13-13.

Table 5.68 Summary of submissions from Spain

| Template | First Submission | Last Submission |
|-------------------|------------------|-----------------|
| A_CATCH | 2013-05-13 | 2013-10-08 |
| B_EFFORT | 2013-05-29 | 2013-06-18 |
| C_EFFORT_SPECIFIC | 2013-05-29 | 2013-06-18 |
| D_CAPACITY | N/A | N/A |
| E_LANDINGS | 2013-05-29 | 2013-06-18 |

5.13.1 A Catch

5.13.1.1 Data submission

A total number of 17175 records were submitted for 2012, as requested by the data call. No updates for previous years' data.

Minor issues identified in the submitted data set were 7 records with missing vessel length, 766 records with missing gear type and 1173 records with recorded gear type but no mesh size information for various gear types.

The catch information available from Spain is given in Table 5.69. This table shows whether or not any information is available for the parameter in each year. This information is not necessarily complete (a single record would lead to a positive result). Missing information is indicated with **N**. Data submitted this year is indicated in bold and with a green filling. The number of species for which any information is provided is given also in the last row.

Table 5.69 Catch data from Spain

| Information | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 |
|-------------|------|------|------|------|------|------|------|------|------|-----------|
| Landings | Y | Y | Y | Y | Y | Y | Y | N | N | Y |
| Discards | Y | Y | Y | Y | Y | Y | Y | N | N | Y |
| Age | Y | Y | Y | Y | Y | Y | Y | N | N | Y |
| Species | 52 | 50 | 53 | 61 | 59 | 62 | 74 | N | N | 83 |

5.13.1.2 Coverage and Quality

Data provided in 2013:

In ICES Divisions 8c and 9a there were not special condition (IIB72ab) landings (Hake Plan) because no vessel in 2012 has applied for that condition in relation to hake and *Nephrops* recovery plan (Annex IIB of R(EU) No 43/2012). Landings were not divided in either Cod or Sole Plan special conditions owing to lack of time. Landings were provided for 83 of the 122 species of the 2013 data call (the other 39 do not appear in Spanish fisheries).

Discard data were calculated through the appropriated Spanish discard/landing rate for 8c & 9a gear otter for the following species and years: ANF (2012), HKE

(2012), JAX (2012), LEZ (2012), MAC (2007 & 2012), NEP (2004-2005 & 2012), SHO (2005), WHB (2004-2009, 2012). If there were not landings of one species, discard could not have been calculated. This is expected to be corrected in the future raising by effort. 8c & 9a otter Spanish HKE discards from 2004-2009 have been already provided to the group in 2010 (see below). For other cases (ALF 2012, ANE 2007-2009, BLI 2012, BSF 2006-2007, COP 2012, COE 2012, CRE 2012, DCA 2009, DGS 2012, GAG 2012, HAL 2012, LEM 2012, LIN 2012, MAC 2003-2006 & 2008-2009, NEP 2006-2009, POK 2012, POL 2012, RNG 2012, SBR 2004-2009 & 2012, SCE 2012, SOL 2005-2009 & 2012, TUR 2012, WHG 2007 & 2012 and WIT 2012) Portuguese discard rates were applied in order to calculate the Spanish discards in 9a against the criterion of the 8c & 9a experts in the EWG. In all those cases Portuguese discard rates were zero except in MAC 2005 and HAD, LEM, RNG, WHG and WIT 2012.

No of samples of landings, discards and catch and No of length and age measurements of landings, discards and catch were not provided for 2012 due to the lack of time.

There are not hake, Nephrops and monkfish ages since nowadays there are relevant doubts in the specific international working groups about hake and monkfish ageing (see February 2010 STECF Hake Benchmark and 2011-2013 ICES WGHMM reports). Nephrops ages were not provided because there is not a standardized methodology for ageing this species. Other species age information was not provided because of lack of time.

Data provided in earlier years: Spain has not provided data for 2010 and 2011. Vessel length categories, allowed activity, fishing activity and fishing capacity were not identified for 2002-2008 8c and 9a data. No EU/RFMO/COST identification for ICES Subarea 10 and Divisions 7j, 7k, 8d, 8e, 8b, 14b and CECAF areas 34.1.2 and 34.2.0.

5.13.2 B Effort

5.13.2.1 Data submission

A total number of 3553 records were submitted for 2012, as requested by the data call. No updates for previous years' data.

Minor issues identified in the submitted data set were 2 records with missing vessel length, 145 records with missing gear type and 413 records with recorded gear type but no mesh size information for various gear types.

The nominal effort information available from Spain is given in Table 5.70. This table shows whether or not any information is available for the parameter in each year. This information is not necessarily complete (a single record would lead to a positive result). Missing information is indicated with **N**. Data submitted this year is indicated in bold and with a green filling.

Table 5.70 Effort data from Spain

| | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 |
|----------------|------|------|------|------|------|------|------|------|------|------|------|------|----------|
| Nominal Effort | N | N | Y | Y | Y | Y | Y | Y | Y | Y | N | N | Y |

5.13.2.2 Coverage and Quality

Data provided in 2013:

In ICES Divisions 8c and 9a there were not special condition (IIB72ab) data (Hake Plan) because no vessel in 2012 has applied for that condition in relation to hake and *Nephrops* recovery plan (Annex IIB of R(EU) No 43/2012). Data were not divided in either Cod or Sole Plan special conditions owing to lack of time.

No information about vessels under 10 meters was provided since data source was logbooks, but 2012 Annex IIB (Hake Recovery Plan in 8c & 9a), which is the main Plan for Spain, does not deal with vessels under 10 meters.

Data provided in earlier years:

Spain did not provide data in 2011 and 2012; therefore, there are not 2010 and 2011 data.

In 2010 Spain provided nominal fishing effort data from 2002-2009. 2000 and 2001 data were not provided because of the low quality of logbooks in those years. Data were provided for 8c and 9a from 2002-2009 divided by special condition IIB72AB and NONE according to the Southern Hake Plan and also special condition DEEP data (according to the Effort Regime in Deep Sea fisheries) were added. For 2009 only specon DEEP data of ICES Subarea 12 and ICES Divisions 6a, 7b, 7c, 7h, 8a, 8b, 8c, 9a and 14a were provided. Special condition NONE landings according to the Effort Regime from the Deep Sea fisheries for 2009 were not provided because of a misunderstanding of the instructions.

No information about vessels under 10 meters was provided since data source was logbooks, but Annex IIB (Hake Recovery Plan in 8c & 9a), which is the main Plan for Spain, does not deal with vessels under 10 meters.

5.13.3 C Specific Effort

5.13.3.1 Data submission

A total number of 10702 records were submitted for 2012, as requested by the data call. No updates for previous years' data.

Minor issues identified in the submitted data set were 2 records with missing vessel length, 457 records with missing gear type and 971 records with recorded gear type but no mesh size information for various gear types.

The specific effort information available from Spain is given in Table 5.71. This table shows whether or not any information is available for the parameter in each year. This information is not necessarily complete (a single record would lead to a positive result). Missing information is indicated with **N**. Data submitted this year is indicated in bold and with a green filling.

Table 5.71 Effective Effort by Rectangle data from Spain

| Information | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 |
|-------------------------------|------|------|------|------|------|------|------|------|------|----------|
| Effective Effort by Rectangle | Y | Y | Y | Y | Y | Y | Y | N | N | Y |

5.13.3.2 Coverage and Quality

Data provided in 2013:

In ICES Divisions 8c and 9a there were not special condition (IIB72ab) data (Hake Plan) because no vessel in 2012 has applied for that condition in relation to hake and *Nephrops* recovery plan (Annex IIB of R(EU) No 43/2012). Data were not divided in either Cod or Sole Plan special conditions owing to lack of time.

No information about vessels under 10 meters was provided since data source was logbooks, but 2012 Annex IIB (Hake Recovery Plan in 8c & 9a), which is the main Plan for Spain, does not deal with vessels under 10 meters.

Data provided in earlier years:

Spain did not provide data in 2011 and 2012; therefore, there are not 2010 and 2011 data.

In 2010 Spain provided nominal fishing effort data from 2002-2009. Vessel length information was only provided for 2009. Data were provided for 8c and 9a from 2002-2009 divided by special condition IIB72AB and NONE according to the Southern Hake Plan and also special condition DEEP data (according to the Effort Regime in Deep Sea fisheries) were added. For 2009 only specon DEEP data of ICES Subarea 12 and ICES Divisions 6a, 7b, 7c, 7h, 8a, 8b, 8c, 9a and 14a were provided. Special condition NONE landings according to the Effort Regime from the Deep Sea fisheries for 2009 were not provided because of a misunderstanding of the instructions.

No information about vessels under 10 meters was provided since data source was logbooks, but Annex IIB (Hake Recovery Plan in 8c & 9a), which is the main Plan for Spain, does not deal with vessels under 10 meters.

5.13.4 D Capacity

Not applicable.

5.13.5 E Landings

A total number of 41111 records were submitted for 2012, as requested by the data call. No updates for previous years' data. Spain has not provided data for earlier years.

Minor issues identified in the submitted data set were 7 records with missing vessel length, 4095 records with missing gear type and 5858 records with recorded gear type but no mesh size information for various gear types.

The landings by rectangle information available from Spain are given in Table 5.71. This table shows whether or not any information is available for the parameter in each year. This information is not necessarily complete (a single record would lead to a positive result). Missing information is indicated with **N**. Data submitted this year is indicated in bold and with a green filling.

Table 5.722 Landings by Rectangle data from Spain

| Information | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 |
|-----------------------|------|------|------|------|------|------|------|------|------|----------|
| Landings by Rectangle | N | N | N | N | N | N | N | N | N | Y |

5.13.5.1 Coverage and Quality

All landings were split in special condition DEEP and NONE (according to the Effort Regime in Deep Sea fisheries). In ICES Divisions 8c and 9a there were not special condition (IIB72ab) landings (Hake Plan) because no vessel in 2012 has applied for that condition in relation to hake and *Nephrops* recovery plan (Annex IIB of R(EU) No 43/2012). Landings were not divided in either Cod or Sole Plan special conditions owing to lack of time. Landings were provided for 81 of the 122 species of the 2013 data call (the other 41 do not appear in our fisheries by rectangle).

No information about vessels under 10 meters was provided since data source was logbooks, but 2012 Annex IIB (Hake Recovery Plan in 8c & 9a), which is the main Plan for Spain, does not deal with vessels under 10 meters.

There were no data from Spain submitted for earlier years.

5.14 Sweden

Sweden submitted the requested templates before the deadline with the exception of a re-submission of capacity data performed after the deadline but before EWG 13-06.

Table 5.73 Summary of submissions from Sweden

| Template | First Submission | Last Submission |
|-------------------|------------------|-----------------|
| A_CATCH | 2013-05-01 | 2013-05-01 |
| B_EFFORT | 2013-05-01 | 2013-05-01 |
| C_EFFORT_SPECIFIC | 2013-05-01 | 2013-05-01 |
| D_CAPACITY | 2013-05-01 | 2013-06-14 |
| E_LANDINGS | 2013-05-01 | 2013-05-01 |

5.14.1 A Catch

5.14.1.1 Data submission

A total number of 10652 records were submitted for 2011-2012, as requested in the data call. The year 2011 was updated.

Minor issues identified in the submitted data set were 107 records with no gear information and 368 records with recorded gear type but no mesh size information for various gear types (mainly pots). The catch information available from Sweden is given in Table 5.74. This table shows whether or not any information is available for the parameter in each year. This information is not necessarily complete (a single record would lead to a positive result). Missing information is indicated with **N**. Data submitted this year is indicated in bold and with a green filling. The number of species for which any information is provided is given also in the last row.

Table 5.74 Catch data from Sweden

| Information | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 |
|-------------|------|------|------|------|------|------|------|------|------|------|
| Landings | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y |
| Discards | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y |
| Age | N | N | Y | Y | Y | Y | Y | Y | Y | Y |

| | | | | | | | | | | |
|---------|----|----|----|----|----|----|----|----|----|----|
| Species | 59 | 61 | 65 | 65 | 63 | 69 | 45 | 42 | 40 | 45 |
|---------|----|----|----|----|----|----|----|----|----|----|

5.14.1.2 Coverage and Quality

Sweden has provided catch data, both landings and discards in the required format for the years 2003-2012 (2003-2010 from previous years' submissions). Age distribution data were submitted for cod landings and discards in the Baltic, Skagerrak and Kattegat and for plaice discards in Skagerrak and Kattegat. Landings in tonnes were retrieved from logbooks and the age distribution data for landings were collected by market sampling. The discard data were collected under the Swedish on board discard sampling programme. Discard data were raised according to the national sampling schemes, stratified by nationally identified fisheries and not by the highly disaggregated vessel length classes and mesh size groups in the STECF data call, to maintain as much stability as possible in the raising procedure and not compromise the quality of the data by extrapolations from very few samples. Discards were then allocated to the more disaggregated format proportionally to the landings of the target species used in the raising. This has the implication that it is not always possible to compare discard rates or age distributions between gears and mesh sizes in the format of the STECF data base since they could have been estimated from the same samples. Vessel length classes were not considered in the stratification and raising. No discards have been submitted for fisheries not covered by the sampling programme. The main nationally identified Swedish fisheries that were sampled for discards (each one treated as one stratum) in 2012 were:

In the Baltic:

- Trawls targeting cod (Mesh size ≥ 105 mm, including mid water trawls targeting cod and both trawls with BACOMA exit window and T90 mesh)
- Passive gears (including both gillnets and trammel nets)

In Skagerrak and Kattegat (Skagerrak and Kattegat being treated as separate strata):

- Trawls targeting demersal fish/Nephrops, with a mesh size of ≥ 90 mm.(including both TR2 and TR1)
- Trawls targeting Nephrops, with a 35mm sorting grid and a mesh size of 70-89mm (under derogation CPart11 in the cod plan)
- Demersal Pandalus trawls without a sorting grid (Mesh size 32-54mm)
- Demersal Pandalus trawls with a 19mm sorting grid (Mesh size 32-54mm)

Landings of cod have been prohibited in Sweden during parts of 2003, 2004, 2005, 2006 and 2012 which has resulted in discard of adult cod. Gillnets were not sampled in Skagerrak or Kattegat, meaning that discards for those gears have been extrapolated in the STECF data base from Danish discard data.

Drifting longlines, targeting salmon, were included in the "Longline" category in the data set.

Since hand and pole lines are under effort regulation in the cod plan in the Baltic Sea but not in Skagerrak or Kattegat, and the "Longline" category is considered a regulated gear in the STECF data base, those gears were included in the "Longline" category in the Baltic and not in other areas.

5.14.2 B Effort

5.14.2.1 Data submission

A total number of 1083 records were submitted for 2012, as requested in the data call. No updates for previous years' data.

Minor issues identified in the submitted data set were 27 records with no gear information and 72 records with recorded gear type but no mesh size information for various gear types (mainly pots).

The nominal effort information available from Sweden is given in Table 5.75. This table shows whether or not any information is available for the parameter in each year. This information is not necessarily complete (a single record would lead to a positive result). Missing information is indicated with **N**. Data submitted this year is indicated in bold and with a green filling.

Table 5.75 Nominal Effort data from Sweden

| | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 |
|----------------|------|------|------|------|------|------|------|------|------|------|------|------|----------|
| Nominal Effort | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y |

5.14.2.2 Coverage and Quality

Sweden has previously provided all required effort data in the requested format from 2000-2012, apart from capacity data, which was provided for the years 2003-2012 for the Baltic Sea and from 2009-2012 for all other areas. Days at sea were calculated according to the DCF definition, i.e. continuous 24-hours periods absent from port. Nominal effort data for vessels <10m LOA were included but is not considered reliable until 2009.

For the Baltic Sea, drifting lines LLD are included in regulated LONGLINE category.

5.14.3 C Specific Effort

5.14.3.1 Data submission

A total number of 2180 records were submitted for 2012, as requested in the data call. No updates for previous years' data.

Minor issues identified in the submitted data set were 50 records with no gear information and 81 records with recorded gear type but no mesh size information for various gear types (mainly pots).

The specific effort information available from Sweden is given in Table 5.76. This table shows whether or not any information is available for the parameter in each year. This information is not necessarily complete (a single record would lead to a positive result). Missing information is indicated with **N**. Data submitted this year is indicated in bold and with a green filling.

Table 5.76 Effective Effort by Rectangle data from Sweden

| Information | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 |
|-------------------------------|------|------|------|------|------|------|------|------|------|----------|
| Effective Effort by Rectangle | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y |

5.14.3.2 Coverage and Quality

Specific effort data by rectangle has been submitted in the required format for the years 2003-2012 (2003-2011 from previous years' submissions), including vessels <10m LOA. Hours fished were derived from fishing time reported by fishing activity in the logbooks.

5.14.4 D Capacity

5.14.4.1 Data submission

A total number of 222 records were submitted for 2003-2012, as requested in the data call. The whole time series was updated.

The capacity information available from Sweden is given in Table 5.77. This table shows whether or not any information is available for the parameter in each year. This information is not necessarily complete (a single record would lead to a positive result). Missing information is indicated with **N**. Data submitted this year is indicated in bold and with a green filling.

Table 5.77 Capacity data from Sweden

| Information | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 |
|-----------------------|------|------|------|------|------|------|------|------|------|------|
| Fishing Capacity KW | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y |
| Fishing Capacity GT | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y |
| Number of Vessels | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y |
| Fishing Activity days | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y |

5.14.4.2 Coverage and Quality

Fisheries capacity data of active vessels in the Baltic Sea has been submitted in the required format for the years 2003-2012, including vessels <8m LOA. Days at sea were calculated according to the DCF definition, i.e. continuous 24-hours periods absent from port

5.14.5 .E Landings

5.14.5.1 Data submission

A total number of 7505 records were submitted for 2012, as requested in the data call. No updates for previous years' data.

Minor issues identified in the submitted data set were 179 records with no gear information and 403 records with recorded gear type but no mesh size information for various gear types (mainly pots).

The landings by rectangle information available from Sweden are given in Table 5.78. This table shows whether or not any information is available for the parameter in each year. This information is not necessarily complete (a single record would lead to a positive result). Missing information is indicated with **N**. Data submitted this year is indicated in bold and with a green filling. The number of species for which any information is provided is given also in the last row.

Table 5.78 Landings by Rectangle data from Sweden

| Information | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 |
|-------------|------|------|------|------|------|------|------|------|------|------|
|-------------|------|------|------|------|------|------|------|------|------|------|

| | | | | | | | | | | |
|-----------------------|----|----|----|----|----|----|----|----|----|-----------|
| Landings by Rectangle | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y |
| Species | 44 | 41 | 40 | 39 | 40 | 40 | 37 | 39 | 35 | 37 |

5.14.5.2 Coverage and Quality

No comments.

5.15 United Kingdom

United Kingdom (without Scotland):

United Kingdom (without Scotland) submitted all requested templates after the deadline and during the EWG 13-06 meeting using an Excel file and not via the uploading facilities on the data collection web site. Discard data from Northern Ireland were revised for 2011 and 2012 on 9 October 2013 during EWG 13-13.

Table 5.79 Summary of submissions of UK (without Scotland)

| Template | First Submission | Last Submission |
|-------------------|------------------|-----------------|
| A_CATCH | 2013-06-12 | 2013-06-16 |
| B_EFFORT | 2013-06-05 | 2013-06-16 |
| C_EFFORT_SPECIFIC | 2013-06-06 | 2013-06-16 |
| D_CAPACITY | N/A | N/A |
| E_LANDINGS | 2013-06-06 | 2013-06-17 |

United Kingdom (Scotland):

United Kingdom (Scotland) submitted the requested templates before the deadline with the exception of Table A_CATCH.

Table 5.80 Summary of submissions for UK (Scotland)

| Template | First Submission | Last Submission |
|-------------------|------------------|-----------------|
| A_CATCH | 2013-05-08 | 2013-05-08 |
| B_EFFORT | 2013-04-30 | 2013-04-30 |
| C_EFFORT_SPECIFIC | 2013-05-03 | 2013-05-03 |
| D_CAPACITY | N/A | N/A |
| E_LANDINGS | 2013-05-03 | 2013-05-03 |

5.15.1 A Catch

5.15.1.1 Data submission

United Kingdom (without Scotland):

A total number of 33164 records were submitted for 2007 and 2009-2012, as requested in the data call. The years 2009-2011 were updated to include splitting special condition CPart13 into the separate components of CPart13a, CPart13b, CPart13c and CPart13d. 2007 was also updated to include the species boarfish added to the species list of the data call.

Minor issues identified in the submitted data set were 247 records with missing gear, 372 records with valid gear but missing mesh size information and 111 records with missing area. Several records were submitted with an invalid combination for area BSA and specific condition DEEP which were ignored in the analysis. There were also 2324 records for non-standard species code OTH (representing species not requested in the data call).

The catch information available from UK (without Scotland) is given in Table 5.81. This table shows whether or not any information is available for the parameter in each year. This information is not necessarily complete (a single record would lead

to a positive result). Missing information is indicated with **N**. Data submitted this year is indicated in bold and with a green filling. The number of species for which any information is provided is given also in the last row.

Table 5.81 Catch data from UK (without Scotland)

| Information | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 |
|-------------|------|------|------|------|-----------|------|-----------|-----------|-----------|-----------|
| Landings | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y |
| Discards | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y |
| Age | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y |
| Species | 67 | 66 | 72 | 68 | 64 | 62 | 58 | 63 | 61 | 61 |

United Kingdom (Scotland):

A total number of 33164 records were submitted for 2007 and 2009-2012, as requested in the data call. The years 2009-2011 were updated to include splitting special condition CPart13 into the separate components of CPart13a, CPart13b, CPart13c and CPart13d. 2007 was also updated to include the species boarfish added to the species list of the data call.

Minor issues identified in the submitted data set were 117 records with no area information, 247 records with no gear information and 372 records with missing mesh size information for various gear types. Several records were submitted with an invalid combination for area BSA and specific condition DEEP which were ignored in the analysis. There were also 2865 records for non-standard species code OTH (representing species not requested in the data call).

The catch information available from United Kingdom (Scotland) is given in Table 5.82. This table shows whether or not any information is available for the parameter in each year. This information is not necessarily complete and can be derived only by a single record. Missing information is indicated with **N**. Data submitted this year is indicated in bold and with a green filling. The number of species for which any information is provided is given also in the last row.

Table 5.82 Catch data from UK (Scotland)

| Information | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 |
|-------------|------|------|------|------|-----------|------|-----------|-----------|-----------|-----------|
| Landings | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y |
| Discards | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y |
| Age | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y |
| Species | 68 | 67 | 70 | 67 | 64 | 67 | 57 | 63 | 61 | 62 |

5.15.1.2 Coverage and Quality

United Kingdom: Vessels <10m: No specific consideration is given to estimating discards for vessels < 10m and discard sampling staff tend not to sail on vessels in the 10 metre and under category. In 2003 the Scottish Fisheries Statistics showed landings of the main commercial demersal species from vessels <=10 m to be below the level where sampling intensities as defined in Appendix XV (Section H) of regulation (EC) 1639/2001 (Table 2) requires sampling to be carried out. Estimation of demersal discards for vessels <10m is based on the assumption that all vessels targeting Nephrops and operating in the same sampling area have the same catching and discarding characteristics.

Voyage information on the non-Scottish UK national data base, FAD, calculates days at sea based on the dates of the voyage start and the voyage end. Voyage information on the Scottish national data base, FIN, calculates days at sea as the number of 24 hour periods in the duration of the voyage, rounded up. Vessels landing into Scotland are entered onto FIN; those landing into the rest of the UK are entered into FAD. Scottish vessels landing out with the UK are entered into FIN; Rest UK vessels landing outwith the UK are entered into FAD. Because most voyages by Rest UK vessels are entered into FAD; the calculation of days at sea is generally date based. Days at sea for voyages leaving on the same date as the return of the previous voyage are adjusted down by half a day applied to each voyage involved.

Activity and gear is assessed daily; where activity in a single day covers more than one area (ICES Rectangle level) or more than one gear; that day's effort is apportioned equally between the area/gears recorded.

United Kingdom (without Scotland): Data were submitted covering the period 2009-2012, with 2009-2011 revised to include splitting the CPart13 landings, discards and biological data into the separate components of CPart13a, CPart13b, CPart13c and CPart13d. Where samples were available (covering 2011 and 2012), Fully Documented Fishery vessels were treated separately for discard and biological raising for the species under full documentation (i.e. cod in the North Sea, sole in the western channel), while discards and biological data raising for other species was kept consistent with non-FDF vessels. For 2011 and 2012 data years, AFBNI provided new data on discard estimates and biological sampling, replacing the previously submitted data. Specific conditions reported were DEEP, CPart11, CPart13a,b,c, FDFIIA and FDFIIC.

United Kingdom (Scotland): New data was submitted only for 2011. United Kingdom (Scotland) supplies data where records present no gear type information and/or no mesh size information for the purpose of data completeness. As in previous years there were records for area BSA and specific condition DEEP which were ignored in the analysis. Specific conditions reported were DEEP, FDFIIA, CPart11 and CPart13.

Landings and discard numbers at age were derived from market sampling and discard sampling data and the data was stratified by west coast (division VIa) and east coast (sub area IV). Discard numbers at age were supplied for cod, haddock, whiting and saithe if landings came from the above areas and gear category was one covered by the sampling scheme.

Landed weights were differentiated according to the data specification but no distinction could be made between mesh size categories in terms of proportions at age in the landings and discards, or in terms of the ratio of discards to landings. In addition, pooled age-length keys mean age/length relationships are common across most gears.

For data prior to 2009 ad-hoc fill-ins were used for missing discard sampling strata and saithe discards were not available in some years. For data from 2009 only annual discard data is available, i.e. comparisons of discard ratios cannot be made between quarters.

5.15.2 B Effort

5.15.2.1 Data submission

United Kingdom (without Scotland):

A total number of 20022 records were submitted for 2003-2012, as requested in the data call. The years 2003-2011 were updated. Years 2009-2011 to include splitting special condition CPart13 into the separate components of CPart13a, CPart13b, CPart13c and CPart13d, earlier years minor revisions.

Minor issues identified in the submitted data set were 2768 records with missing mesh size information for mainly for various gears. Several records were submitted with an invalid combination for area BSA and specific condition DEEP which were ignored in the analysis.

The nominal effort information available from UK (without Scotland) is given in Table 5.83. This table shows whether or not any information is available for the parameter in each year. This information is not necessarily complete (a single record would lead to a positive result). Missing information is indicated with **N**. Data submitted this year is indicated in bold and with a green filling.

Table 5.83 Nominal Effort data from UK (without Scotland)

| | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 |
|----------------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| Nominal Effort | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y |

United Kingdom (Scotland):

A total number of 10596 records were submitted for 2000-2012, as requested in the data call. The whole time series was updated to accommodate the new 'fishing-capacity' field (applicable for the first time in 2013 to cod management plan areas).

Minor issues identified in the submitted data set were 79 records with no area information, 246 records with no gear information and 306 records with missing mesh size information for various gear types. Several records were submitted with an invalid combination for area BSA and specific condition DEEP which were ignored in the analysis.

The nominal effort information available from United Kingdom (Scotland) is given in Table 5.84. This table shows whether or not any information is available for the parameter in each year. This information is not necessarily complete and can be derived only by a single record. Missing information is indicated with **N**. Data submitted this year is indicated in bold and with a green filling.

Table 5.84 Nominal Effort data from UK (Scotland)

| | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 |
|----------------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| Nominal Effort | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y |

5.15.2.2 Coverage and Quality

Nominal effort in kWdays is calculated as days at sea multiplied by the power of the vessel in kilowatts at the voyage landing date.

GT_days_at_sea is calculated for years from 2003 as the days at sea multiplied by the Gross Tonnage of the vessel at the voyage landing date.

Data with no gear information or mesh information is supplied for the purpose of data completeness.

United Kingdom (without Scotland): Special conditions reported were DEEP, CPart11, CPart13a,b,c,d, FDFIIA and FDFIIC.

United Kingdom (Scotland): Specific conditions reported were DEEP, FDFIIA, CPart11 and CPart13. Any effort in the Cod Recovery Zone for TR1 and TR2 gears was assigned to special condition CPart13A, CPart13B, CPart13C, CPart13D .

Vessels <10m: For vessels <10m effort is considered under reported 2000-2005 because of under reporting of POTS and shell fishing by hand. The <10m effort data for Scottish registered vessels 2000-2008 excludes voyages landing into ports in England and other non-Scottish areas of the UK. Scottish under 10m boats are known to use more than one type of gear on individual trips or within a quarter and multiple counting of boats is therefore significant.

5.15.3 C Specific Effort

5.15.3.1 Data submission

United Kingdom (without Scotland):

A total number of 73115 records were submitted for 2003-2012, as requested in the data call. The whole time series was updated.

Minor issues identified in the submitted data set were 10602 records with missing mesh size information mainly for various gears. Several records were submitted with an invalid combination for area BSA and specific condition DEEP which were ignored in the analysis.

The specific effort information available from UK (without Scotland) is given in Table 5.85. This table shows whether or not any information is available for the parameter in each year. This information is not necessarily complete (a single record would lead to a positive result). Missing information is indicated with **N**. Data submitted this year is indicated in bold and with a green filling.

Table 5.85 Effective Effort by Rectangle data from UK (without Scotland)

| Information | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 |
|-------------------------------|------|------|------|------|------|------|------|------|------|------|
| Effective Effort by Rectangle | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y |

United Kingdom (Scotland):

A total number of 24431 records were submitted for 2009-2012, as requested in the data call. The years 2009-2011 were updated to include splitting special condition CPart13 into the separate components of CPart13a, CPart13b, CPart13c and CPart13d.

Minor issues identified in the submitted data set were 37 records with no area information, 460 records with no gear information and 221 records with missing mesh size information for various gear types. Several records were submitted with an invalid combination for area BSA and specific condition DEEP which were ignored in the analysis.

The specific effort information available from United Kingdom (Scotland) is given in Table 5.86. This table shows whether or not any information is available for the parameter in each year. This information is not necessarily complete and can be derived only by a single record. Missing information is indicated with **N**. Data submitted this year is indicated in bold and with a green filling.

Table 5.86 Effective Effort by Rectangle data from UK (Scotland)

| Information | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 |
|-------------------------------|------|------|------|------|------|------|------|------|------|------|
| Effective Effort by Rectangle | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y |

5.15.3.2 Coverage and Quality

Where activity in a single day covers more than one area (ICES Rectangle level) or more than one gear; that day's effort is apportioned equally between the area/gears recorded. The hours fished entries are simply days at sea data multiplied by 24. This is because hours fished information obtained from vessels has been proven unreliable (not a required field in logbooks).

United Kingdom (without Scotland): Special conditions reported were DEEP, CPart11, CPart13a,b,c,d, FDFIIA and FDFIIC.

United Kingdom (Scotland) supplies data where records present no gear type information and/or no mesh size information for the purpose of data completeness. Specific conditions reported were DEEP, FDFIIA, CPart11 and CPart13A, CPart13B, CPart13C, CPart13D.

5.15.4 D Capacity

Not applicable.

5.15.5 E Landings

5.15.5.1 Data submission

United Kingdom (without Scotland):

A total number of 567759 records were submitted for 2003-2012, as requested in the data call. The whole time series was updated. The years 2009-2011 were updated to include splitting special condition CPart13 into the separate components of CPart13a, CPart13b, CPart13c and CPart13d.

Minor issues identified in the submitted data set were 28869 records with missing mesh size information for various gears (mainly pots and dredges). Several records were submitted with an invalid combination for area BSA and specific condition DEEP which were ignored in the analysis.

The landings by rectangle information available from UK (without Scotland) is given in Table 5.87. This table shows whether or not any information is available for the parameter in each year. This information is not necessarily complete (a single record would lead to a positive result). Missing information is indicated with **N**. Data submitted this year is indicated in bold and with a green filling. The number of species for which any information is provided is given also in the last row.

Table 5.87 Landings by Rectangle data from UK (without Scotland)

| Information | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 |
|-----------------------|------|------|------|------|------|------|------|------|------|------|
| Landings by Rectangle | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y |

| | | | | | | | | | | |
|---------|----|----|----|----|----|----|----|----|----|----|
| Species | 63 | 63 | 66 | 64 | 62 | 57 | 57 | 58 | 60 | 53 |
|---------|----|----|----|----|----|----|----|----|----|----|

United Kingdom (Scotland):

A total number of 20057 records were submitted for 2007 and 2009-2012, as requested in the data call. The years 2009-2011 were updated to include splitting special condition CPart13 into the separate components of CPart13a, CPart13b, CPart13c and CPart13d. 2007 was also updated to include the species boarfish added to the species list of the data call.

Minor issues identified in the submitted data set were 779 records with no gear information, 150 with no area information and 898 records with missing mesh size information for various gear types. Several records were submitted with an invalid combination for area BSA and specific condition DEEP which were ignored in the analysis.

The landings by rectangle information available from United Kingdom (Scotland) is given in Table 5.88. This table shows whether or not any information is available for the parameter in each year. This information is not necessarily complete and can be concluded only by a single record. Missing information is indicated with **N**. Data submitted this year is indicated in bold and with a green filling. The number of species for which any information is provided is given also in the last row.

Table 5.88 Landings by Rectangle data from UK (Scotland)

| Information | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 |
|-----------------------|------|------|------|------|-----------|------|-----------|-----------|-----------|-----------|
| Landings by Rectangle | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y |
| Species | 65 | 64 | 67 | 64 | 64 | 65 | 57 | 63 | 61 | 62 |

5.15.5.2 Coverage and Quality

United Kingdom (without Scotland): Special conditions reported are DEEP, CPart11, CPart13a,b,c,d, FDFIIA and FDFIIC.

United Kingdom (Scotland): Specific conditions reported are DEEP (2003-2008), DEEP and CPart13A, CPart13B, CPart13C, CPart13D (2009) and DEEP, FDFIIA, CPart11 and CPart13A, CPart13B, CPart13C, CPart13D (2010-2012).

APPENDIX I



Brussels, 20 FEV. 2013 (ARES) 222443

FAX

To: National Correspondents of EU Member States **Telephone:**
Fax:

Cc: Permanent Representations of EU Member States

From: Ernesto PENAS LADO **Telephone:** (32-2) 296 37 44
Fax: (32-2) 299 48 02

Number of pages: 3+21

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.**

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

stecf-secretariat@jrc.ec.europa.eu

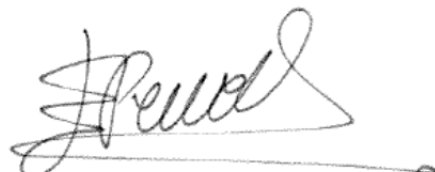
Please note that STECF has repeatedly highlighted shortfalls in the data submitted by a number of Member States. Annex I shows a summary table of major problems in data coverage, timeliness, completeness or quality of data submissions by MS following the data call on effort and catches in 2012. These 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"> • Late submission of all tables due to technical problems. • No information submitted for vessels under 10m in length. |
| Denmark | <ul style="list-style-type: none"> • The data regarding small vessels (<10m in Annex IIA and <8m in Baltic) was observed to be erroneous (and thus largely underestimated) for data up to 2009. • Fishing activity (days at sea) in the Baltic up to 2007 is missing. • STECF EWG 12-06 noted that the Danish submissions do not cover the special conditions BACOMA or T90. |
| Estonia | <ul style="list-style-type: none"> • In catch and landings by rectangle data, the mesh sizes for fleet smaller than 12 meters are inconsistent with the data call. • Discards submitted only for flounder. • No effort data for fleets under 12 meters in length. |
| Finland | <ul style="list-style-type: none"> • 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. • 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 >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. |
| France | <ul style="list-style-type: none"> • No age information submitted. Missing for years 2009-2011. • Discards information available only for years 2010-2011. Missing for 2003-2009. Late submission of discards for 2011. • Late submission of 2011 landings by rectangle; missing 2003-2010 landings by rectangle data. • No fishing activity data for 2000 – 2009. • No fishing capacity data at all. • Many records with missing rectangle information for effort and landings by rectangle data submitted. |
| Germany | <ul style="list-style-type: none"> • Late submission of catch data for vessels under 10 meters in length with no discards information available. |
| Ireland | <ul style="list-style-type: none"> • No nominal effort, effective effort by rectangle and landings by rectangle information submitted for vessels under 10 meters in length. |
| Latvia | <ul style="list-style-type: none"> • STECF EWG 12-06 noted that 2003 – 2008 data for fleet specific effort for small boats (<8m) were not provided |
| Lithuania | <ul style="list-style-type: none"> • Discards submitted only for cod. |
| The Netherlands | <ul style="list-style-type: none"> • Late submissions for all data tables requested. • Catch information available for years 2003-2008 only for 3 species, comparing to approximate 40 species for 2009-2011. |
| Poland | <ul style="list-style-type: none"> • Discards information for herring, sprat and flounder submitted only for 2011. For earlier years only discards on cod reported. |
| Portugal | <ul style="list-style-type: none"> • 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. • Landings appear to be submitted in Kg and not in tonnes as requested in the data call. • No data on allowed activity were provided. |
| Spain | <ul style="list-style-type: none"> • No data provided. No data for 2010-2011. |
| Sweden | <ul style="list-style-type: none"> • No major issues to be reported. |
| United Kingdom (Scotland) | <ul style="list-style-type: none"> • No discard data for Norway lobster since 2009. |
| United Kingdom (without Scotland) | <ul style="list-style-type: none"> • Late submissions for all data tables. • 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. |

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=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. 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)

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 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 43 and 44/2012) or in the Baltic Sea (R(EC) No 1098/2007) should be aggregated separately, indicated with SPECON=DFIIA for the Annex IIA areas, SPECON=DFIIC 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 field 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 field 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=DFIIA for the Annex IIA areas, SPECON=DFIIC 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 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).
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)

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 2003-2012 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 43 and 44/2012) or in the Baltic Sea (R(EC) No 1098/2007) should be aggregated separately, indicated with SPECON=DFIIA for the Annex IIA areas, SPECON=DFIIC for the Annex IIC area and SPECON=DFFBAL 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 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

| 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 |
| II non EU waters | (2) | 1 RFMO ⁸ 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 |
|--|--|---|

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 |
|---|--------------------|
| Cod Plan R(EU) No 1342/2008 (annex IIA of R(EU) 43 and 44/2012) | |
| 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 |
| Annex IIB of R(EU) No 43/2012 | |
| 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) | SBcIIIart5 |
| Fully documented fisheries R(EU) No 43 and 44/2012 | |
| 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 |

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> |

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| 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> |

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| 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> |

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|------------------------------|-----|-----------------------------------|
| 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. <i>Boarfish</i> | BOR | <i>Caproidae</i> |

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Abstract

The Data Collection Framework (DCF) coverage report was prepared by the Joint Research Centre (JRC) as part of an Administrative Arrangement with DG MARE. The purpose of the document is to provide an overview of the timeliness and completeness of Member States' data submissions to JRC in response to the 2013 official data call on Fishing Effort Regimes concerning 2013 data issued by DG MARE under the DCF (Council Regulation No 199/2008). Additionally, the report provides some indication of data quality, summarising major quality issues detected by the two Expert Working Groups convened under the Scientific, Technical and Economic Committee for Fisheries (STECF) with the assistance of JRC experts.

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