## From the draft COM decision:

*Article 1*

*Content and application period of work plans*

1. The format of the work plans for data collection, in accordance with the EU MAP, is set out in the Annex to this Decision.
2. The first work plans shall cover a period of **minimum 3 years and maximum 6 years**, starting on 1 January 2022 and ending, at the latest, on 31 December 2027. The application period of any successive work plans shall end, at the latest, on 31 December 2027.

*Article 2*

*Content and deadline for the submission of annual reports*

1. The format of the annual reports on the implementation of data collection work plans, in accordance with the EU MAP, is set out in the Annex to this Decision.
2. Member States shall submit, by 31 May of each year, the annual reports concerning the implementation of data collection work plans in the previous calendar year.

## I – Format of the work plans and the annual reports

**General layout and drafting principles**

The work plans and annual reports contain information grouped in tables and text boxes. Below you will find the list of these tables and text boxes, with descriptions of the various fields for this information.

The numbering of the tables and text boxes corresponds to the relevant sections of the Annex to Commission Delegated Decision (EU) 2021/1167 (‘the EU MAP Delegated Decision annex’). The references to Regulation (EU) 2017/1004 and the EU MAP Decisions are given when necessary.

If a Member State does not conduct data collection in sectors covered by certain tables or text boxes, it is not obliged to submit the corresponding tables or text boxes in the work plan (WP) or annual report (AR). Member States should indicate by (Y/N) in the summary Table 0 of the WP Excel file which tables and text boxes are included and which are not.

**Format of the WP files**

Provide your WP in three files each:

* a Microsoft Word (or compatible) file containing the text,
* a PDF file created from the Word (compatible) file,
* a Microsoft Excel (or compatible) file containing the standard tables.

Annexes should be part of the main WP text document; do not provide additional separate files.

The WP text file should be named as follows:

MemberState\_WP\_Programme-years\_Text\_Submission-date.docx

Example: Belgium\_WP\_2022-2024\_Text\_ YYYYMMDD.docx.

The WP tables file should be named as follows:

MemberState\_WP\_Programme-years\_Tables\_Submission-date.xlsx

Example: Belgium\_WP\_2022-2024\_Tables\_ YYYYMMDD.xlsx

For plain text use Arial or Times New Roman, font size 11 or 12. Avoid coloured graphs and charts, unless they are too complex to be legible in grey scales. The adopted WP are published as Commission decisions in grey scales.

**Consistent naming and codification, compliance with conventions**

Apply consistent naming and coding of gears, species, metiers, fishing grounds etc. throughout the text and tables of the WP files.

To this end, follow the instructions and use the MasterCodeList included as a separate sheet in the WP Excel template file. Copy and paste codes from the MasterCodeList to compile your WP tables. Where applicable, use codes and names from relevant tables in the EU MAP decisions and other international conventions, including those agreed by regional co-ordination groups (RCGs). Examples of conventional codes:

* FAO country codes (ISO3): <http://www.fao.org/countryprofiles/iso3list/en/>
* FAO codes for species: European eel (ELE), Atlantic salmon (SAL), sea trout (TRS)
* Habitat codes: marine (MAR), freshwater (FRW)
* FAO codes for fishing gears: <http://www.fao.org/fishery/docs/DOCUMENT/cwp/handbook/annex/AnnexM2fishinggear.pdf>

If your Member State operates in several regions, present the data collection activities per region, or supraregion (for economic data). See Table 2 of the Annex to Commission Implementing Decision (EU) 2021/1168. Present the activities outside EU waters grouped in regional sections and within the region, by regional fisheries (management) organisation or other international organisation (RFMO/RFO/IO): CECAF, ICCAT etc. Follow the same division in the tables and the text boxes.

**How to fill in the WP/AR tables**

Follow the guidance to fill in the tables. Do not leave blank cells.

Follow the guidance to enter text where requested, and numerical values where requested. Where numerical values (number, percentages) are requested, do not enter numerical expressions (e.g. ‘10-15’, or ‘<60’). If the guidance mentions ‘NA’ as an option, this is the only text that is allowed in those columns.

To facilitate automatic search in the document, do not delete or merge any cells. Do not add any columns. Add as many rows as you need, but do not add empty rows (e.g. to mark sections in long tables).

Insert WP comments into relevant column at the end of the table. If necessary, elaborate on your comments in relevant WP text box in the text file.

**Language**

To avoid delays in the evaluation process, submit your WP files in English.

**Revised versions of Work Plans**

Before the STECF assessment, the WP files are screened for omissions and errors. If necessary, you will be asked to resubmit relevant files. The resubmitted files must include the entire WP text or table file. In the tables file, mark all modified sheet tabs and table entries in red font, to facilitate their detection. In the text file, use tracked changes function to highlight changes in the text, use red font to mark changes in graphs. Change the document’s version number in the front page.

Name the revised versions of the WP files following the same rules as for the initial versions (see section ‘Format of the WP files’ above). Add the version number in the file name.

## II – Description of tables and text boxes

## 1: General information

**Data collection framework at national level**

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| *General comment: Use this text box to describe how data collection is organised in your Member State (institutions involved, contact information) and in which regional coordination groups (RCG) your Member State participates.* |
| Outline the general framework of the national data collection programme in relation to the relevant sections of the EU MAP. If applicable, indicate major methodological changes in approach compared to previous year(s), and to which section(s) they apply.  Give full name, acronym and contact details of all institutes that contribute to the data collection activities, and describe briefly their role in the work plan.  Provide a link to the national data collection website, if there is one.  *(max. 1000 words)* |

### Table 1.1: Data availability

|  |  |
| --- | --- |
| *General comment: This table fulfils Article 6(3)(e) of Regulation (EU) 2017/1004.*  *Use this table to provide information on data availability per data set.* | |
| **Field name** | **Description** |
| **MS** | Use ISO 3166-1 alpha-3 code e.g. 'DEU'. See MasterCodeList ‘MS’. |
| **Region** | See MasterCodeList ‘Regions’.  If information refers to all regions, use code 'all regions'. |
| **RFMO/RFO/IO** | Enter the acronym of the competent Regional Fisheries Management Organisation (RFMO), Regional Fisheries Organisation (RFO) or International Organisations (IO) for providing management/advice on the species/stock.  See MasterCodeList ‘RFMO/RFO/IO’.  If no RFMO, RFO or IO is applicable, use 'NA' (not applicable). |
| **WP table** | Indicate the specific table in the work plan with details about the corresponding data. |
| **Data set** | Indicate the data set for which information on availability will be given. See MasterCodeList ‘Data set’. |
| **Data Subset** | Indicate the subset for which information on availability will be given.  See MasterCodeList ‘Data subset’. |
| **Specific item** | Free text if needed |
| **Implementation year** | Indicate the year or years in which the work plan will be implemented. |
| **Reference year** | Indicate the year for which data will be collected (e.g. ‘N’, ‘N-1’). The year of implementation is ‘N’. |
| **Availability of the data** | Indicate when the data collected during the reference year is planned to be available. (e.g. ‘N+1’, ‘N+1-2nd quarter’, ‘N+1, specific date’, etc.). |
| **WP comments** | Any further comments |
| *General comment: The grey part of the table applies only to the annual report. Member States should provide information on the data availability per data set. New data not included in the work plan may be added as additional rows, highlighted in grey, at the end of the table* | |
| **Time when data were available** | Indicate when data were made available. |
| **AR comments** | Add comments to clarify any deviation from the work plan. |

### Table 1.2: Planned regional and international coordination

|  |  |
| --- | --- |
| *General comment: This table fulfils Article 7(2)(c) of Regulation (EU) 2017/1004. Use this table to provide information on the planned participation of the Member State in meetings relevant for data collection under the DCF.* | |
| **Field name** | **Description** |
| **MS** | Use ISO 3166-1 alpha-3 code e.g. ‘DEU’. See MasterCodeList ‘MS’. |
| **Meeting Acronym** | Indicate an official acronym for meetings your Member State plans to attend.  As a minimum, indicate the national coordination meeting even if your Member State decided not to organise it; all RCG meetings where your Member State is involved; annual meetings of the RCG where your Member State is not involved; the Liaison meeting; the National Correspondents’ meeting. If some meetings cannot be planned by the time the WP is submitted, you may add the meetings your Member State has attended in the AR.  Indicate in ‘WP comments’ column if your Member State does not organise a national meeting or does not participate in an RCG. |
| **Name of meeting** | Enter the full official name of the meeting planned to attend.  Do not leave empty cells if you filled ‘Meeting Acronym’ column.  Indicate in ‘WP comments’ column if you do not organise a national meeting or do not participate in an RCG. |
| **RFMO/RFO/IO** | Enter the acronym of the competent Regional Fisheries Management Organisation (RFMO), Regional Fisheries Organisation (RFO) or International Organisations (IO) for providing management/advice on the species/stock.  See MasterCodeList ‘RFMO/RFO/IO’.  If no RFMO, RFO or IO is applicable, use ‘NA’ (not applicable). |
| **WP Comments** | Any further comments. |
| *General comment: The grey part of the table applies only to the annual report. MS should provide information on the number of meetings related to the DCF, attended by the MS. New meetings not included in the work plan may be added as additional rows, highlighted in grey, at the end of the table.* | |
| **Number of MS participants** | Indicate the number of participants from your Member State per meeting. Enter ‘0’ if no participants attended. |
| **AR comments** | Add comments to clarify any deviation from the work plan. |

### Table 1.3: Bi- and multi-lateral agreements

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| *General comment: This table fulfils Article 6(3)(f) of the Regulation (EU) 2017/1004. Use this table to provide information on the agreements with other Member States and how European and international obligations are met. List only the current and planned agreements. If an agreement expires during a period covered by the WP, mark it as ‘obsolete’ in the AR comments for the year it is no longer in force.* | |
| **Field name** | **Description** |
| **MSs** | Use ISO 3166-1 alpha-3 code e.g. ‘DEU’. See MasterCodeList ‘MS’. Enter all MS involved in an agreement. Separate multiple entries by a semicolon. |
| **Name of the agreement** | Indicate the name of the agreement.  Member States concerned should apply the same name for the same agreement. |
| **Contact persons** | Provide name and email address of the national correspondent from each Member State involved in the agreement. |
| **Content** | Describe briefly the aim and content of the agreement. Provide an unambiguous full reference or a valid link to the documentation of the agreement, where relevant, in the ‘WP comments’ column. |
| **Coordination** | Describe briefly how the coordination is done/will be done and by whom. |
| **Description of sampling / sampling protocol / sampling intensity** | Describe briefly the sampling to be carried out under the agreement. |
| **Data transmission** | Indicate which Member State is or will be responsible for submitting which data set. |
| **Access to vessels** | Indicate by (Y/N) if the agreement implies any form of access to other partners’ vessels. If access is implied, specify it (boarding, sharing samples at landing etc.) in ‘WP comments’ column. |
| **Validity** | Indicate the year when the agreement expires or the year when the agreement was/will be signed, if it is automatically extended annually. |
| **WP comments** | Any further comments. |
| *General comment: The grey part of the table applies only to the annual report. MS should provide information on the changes in the ongoing agreements.*  *New agreements not included in the work plan may be added as additional rows, highlighted in grey, at the end of the table.* | |
| **AR comments** | Add comments if there were any changes to the agreements during the implementation year. Use ‘ongoing’ if the agreement is still operational; ‘obsolete’ if it is no longer in force; ‘new’ if the agreement has been added. |

### Table 1.4: Follow-up of recommendations and agreements

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| --- | --- |
| *General Comment: This table fulfils Article 6(3)(g) of the Regulation (EU) 2017/1004.*  *This table applies only to the annual report. Use this table to provide information on how your Member State plans to fulfil the recommendations and agreements relating to data collection under the DCF at the European and international level and how European and international obligations are met.* | |
| **Field name** | **Description** |
| **MS** | Use ISO 3166-1 alpha-3 code e.g. ‘DEU’. See MasterCodeList ‘MS’. |
| **Region** | See MasterCodeList ‘Regions’. If information refers to all regions, use code 'All regions'. |
| **RFMO/RFO/IO** | Enter the acronym of the competent Regional Fisheries Management Organisation (RFMO), Regional Fisheries Organisation (RFO) or International Organisations (IO) for providing management/advice on the species/stock.  See MasterCodeList ‘RFMO/RFO/IO’.  If no RFMO, RFO or IO is applicable, enter 'NA' (not applicable). |
| **Source of recommendation/agreement** | Indicate the source of the recommendation as an acronym of a relevant Regional Coordination Group (RCG), Liaison Meeting (LM), STECF Expert Working Group (EWG), e.g. 'LM 2020', 'STECF EWG 20-08'. |
| **EU MAP section** | Indicate which paragraph of the EU MAP Delegated Decision annex the recommendation relates to (e.g. 1. General principles, 5. Socioeconomic data on fisheries, etc.).  If a recommendation relates to several sections, indicate all of them. If a recommendation applies to all EU MAP sections, insert 'all'. |
| **Topic** | Indicate the topic to which recommendation applies, e.g. 'Data quality', 'Surveys' etc. |
| **Recommendation number** | If applicable, indicate the specific recommendation number. Otherwise, enter ‘NA’. |
| **Recommendation/ Agreement** | Refer only to the recommendations and agreements applicable to your Member State. There is no need to list recommendations and agreements that do not apply to the Member State (e.g. on Terms of Reference of expert groups, on actions to be taken by the Commission, etc.). In case of agreements, Member States concerned should apply the same description for the same agreement. |
| **Follow-up action** | Describe briefly the follow-up actions taken or to be taken. |
| **AR comments** | Any further comments. |

### Text Box 1a: Test studies description

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| *General comment: This text box fulfils Chapter II, point 1.2 of the EU MAP Delegated Decision annex. This text box applies to the work plan and the annual report.* |
| 1. Aim of the test study  2. Duration of the test study  3. Methodology and expected outcomes of the test study  *(max 900 words per study)* |
| Brief description of the results (including deviations from the plan and justifications as to why if this was the case).  Achievement of the original expected outcomes of pilot study and justification if this was not the case.  Incorporation of study results into regular sampling by the Member State.  *(max 900 words per study)* |

### Text Box 1b: Other data collection activities

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| *General comment: This text box applies to the work plan and the annual report. Use this text box to provide information on other data collection activities that relate to your EMFAF operational programme and need to be included in the work plan and the annual report. Describe activities that are funded by the DCF but fulfil objectives under other EMFAF priorities, like marine knowledge, or activities funded by the DCF, but without a direct link to the EU MAP specific requirements or WP template tables, like freshwater fisheries. You can also include one-off specific studies for a particular end-user need that do not enter the regular data collection.* |
| 1. Aim of the data collection activity  2. Duration of the data collection activity  3. Methodology and expected outcomes of the data collection activity  *(max 900 words per activity)* |
| Brief description of the results (including deviations from the plan and justifications as to why if this was the case).  Achievement of the original expected outcomes and justification if this was not the case.  Follow-up to the activities (what are the next steps, how the results will be used).  *(max 900 words per activity)* |

## 2: Biological Data

### Table 2.1: List of required species/stocks

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| --- | --- |
| *General comment: This table fulfils Article 5(2)(a), Article 6(3)(a), (b) and (c) of Regulation (EU) 2017/1004 and Chapter II point 2.1(a) of the EU MAP Delegated Decision annex. This table is intended to specify data to be collected under Table 1 of the EU MAP Delegated Decision annex. Use this table to give an overview of the collection of data at the level of area/stock. All individuals sampled shall be identified to species level and have length measurements taken, where possible. Other biological data different from length are specified in Table 2.2, and may include data collected under the surveys at sea.* | |
| **Field name** | **Description** |
| **MS** | Use ISO 3166-1 alpha-3 code e.g. 'DEU'. See MasterCodeList ‘MS’. |
| **Reference period** | Indicate the year(s) to which the data actually refer. Select the three most recent representative years before the first year of the WP period (no update of reference period needed within the WP period) with data available. Give the reference years as e.g. '2018-2020'.  When the reference period taken is different from the most recent three years, clarify it in ‘WP Comments’ column. |
| **Region** | See MasterCodeList ‘Regions’.  If information refers to all regions, use code 'All regions'. |
| **RFMO/RFO/IO** | Enter the acronym of the competent Regional Fisheries Management Organisation (RFMO), Regional Fisheries Organisation (RFO) or International Organisations (IO) for providing management/advice on the species/stock. See MasterCodeList ‘RFMO/RFO/IO’. If no RFMO, RFO or IO is applicable, enter 'NA' (not applicable). |
| **Species** | Indicate the scientific name of all the species/stocks listed in Table 1 of the EU-MAP Delegated Decision annex, for all regions and areas where your Member State's fishing fleet operates.  When the fleet operates in a combined region (e.g. Mediterranean and Black Sea), list all species for that region.  You may add additional rows, at the end, for species or stock not included in Table 1 of the EU MAP Delegated Decision annex, for which sampling is required by your Member State, RFMOs or is agreed at marine region level. Justify such an inclusion in the ‘WP Comments’ column. |
| **Area** | Indicate the area for the mentioned species/stock, in accordance with column 3 of Table 1 of the EU MAP Delegated Decision annex. |
| **Average landings in the reference years (tonnes)** | Enter the average landings per year in the statistics reference period for each species and stock. If the species is not landed at all, then enter 'None'. Provide exact number of tonnes without decimal positions. |
| **Data source used for average national landings** | Enter the data source for the average national landings. See MasterCodeList ‘Data Source’. |
| **EU TAC (if any)**  **(%)** | Only applies to stocks that are subject to TAC and quota Regulations.  Enter 'None', if your Member State has no share in the EU TAC of the stock concerned.  Enter the percentage of the share (value between 0 and 100) if your Member State has a share in the EU TAC of the stock concerned.  If the TAC refers to several combined species, enter the percentage of the share in the TAC for each species and indicate the combination in the ‘WP comments’ column.  In case of a significant quota swap (more than 50% of the TAC share), indicate the volume of the swap in the ‘WP comments’ column.  Enter ‘NA’ if the stock is not managed by TAC. In this case fill in the 'Share (%) in EU landings' column. |
| **Share (%) in EU landings** | Applies to all stocks for which no TACs have been defined (yet). Enter 'None', if your Member State has no landings of the stock concerned. Enter the percentage of the share (value between 0 and 100), if your Member State has landings of the stock concerned. |
| **Data source used for EU landings** | Enter the data source for EU landings. See MasterCodeList ‘Data Source’. |
| **Threshold rules used** | Indicate which threshold rules apply. For species that are selected for sampling enter 'None'. See MasterCodeList ‘Threshold rules used’. |
| **Regional coordination agreement at stock level** | Enter 'Y' (yes) or 'N' (no) if there is a regional agreement on sampling the stock. If there is a regional agreement, refer to the agreement in Table 1.3. If different multispecies sampling schemes apply to the same stock and not all of them regionally coordinated, explain the situation in the ‘WP comments’ column. |
| **Covered by a commercial sampling scheme for length** | Enter 'Y' (yes) or 'N' (no) if the species/stock is covered by a commercial sampling for length. A stock is considered covered by sampling if length structures have been sent to end users routinely during the last three years, or if it is covered by a new sampling frame with a plan to send the length structure to the relevant RFMO/RFO/IO in the future. |
| **Selected for sampling of biological variables** | Enter 'Y' (yes) if the species/stock has been selected for sampling for at least one variable of Table 2.2 of the work plan, and enter ‘N’ (no) if otherwise. Make sure that all stocks marked by a ‘Y’ in this field have an entry in Table 2.2. |
| **WP comments** | Any further comments. |
| *General comment: The grey part of the table applies only to the annual report. MS should provide information on the number of fish individuals measured for each species/stock. New species/stock, not included in the work plan, may be inserted as additional rows highlighted in grey, at the end of the table.* | |
| **Achieved number of individuals measured for length at national level from commercial sampling** | Indicate the total number of fish individuals measured for length at the national level from commercial fisheries. |
| **Achieved number of samples for length at national level from commercial sampling** | Indicate the number of samples (primary sampling units – PSUs) from commercial fisheries from which the number individuals was obtained. Even when a species is not selected for sampling, but data is collected, put the number of samples here. |
| **AR Comments** | Add comments to clarify possible differences between the achieved numbers compared to the expectations based on the protocol. Indicate in this column if extended comments are given in Text Box 2.1. You may add any further comments. |

### Text Box 2.1: List of required species/stocks

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| *General comment: This text box fulfils Article 5(2)(a), Article 6(3)(a), (b) and (c) of Regulation (EU) 2017/1004 and Chapter II point 2.1(a) of the EU MAP Delegated Decision annex. This text box applies to the annual report and complements Table 2.1.* |
| **Deviations from the work plan**  MS to list the deviations (if any) in the achieved data collection (lengths only) compared to what was planned.    General reasons for deviations from the work plan in terms of planned vs. achieved should be summarised in this section, while detailed comments on deviations on particular species/stocks should be included in the ‘AR Comments’ column in Table 2.1.      **Actions to avoid deviations.**  Member State to describe the actions that will be considered/have been taken to avoid the deviations in the future and when these actions are expected to produce effect. If there are no deviations, then this section is not applicable.          (One text box max. 1 000 words per Region/RFMO/RFO/IO can be used) |

### Table 2.2: Planning of sampling for biological variables

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| --- | --- |
| *General comment: This table fulfils Article 5(2)(a), Article 6(3)(a), (b) and (c) of Regulation (EU) 2017/1004 and Chapter II point 2.1(a) of the EU MAP Delegated Decision annex. This table is intended to specify biological data (other than length) to be collected under Table 1 of the EU MAP Delegated Decision annex. For species listed in this table, biological variables (age, weight, sex ratio, maturity and fecundity) that are planned to be collected shall be shown and may include data collected under the surveys at sea. This table should be consistent with Table 2.1.* | |
| **Field name** | **Description** |
| **MS** | Use ISO 3166-1 alpha-3 code e.g. 'DEU'. See MasterCodeList ‘MS’. |
| **Implementation year** | Indicate the year the activity will be implemented. Enter one row per implementation year. Include all years from the work plan period. |
| **Region** | See MasterCodeList ‘Regions’.  If information refers to all regions, use code ‘All regions’. |
| **RFMO/RFO/IO** | Enter the acronym of the competent Regional Fisheries Management Organisation (RFMO), Regional Fisheries Organisation (RFO) or International Organisations (IO) for providing management/advice on the species/stock.  See MasterCodeList ‘RFMO/RFO/IO’.  If no RFMO, RFO or IO is applicable, enter 'NA' (not applicable). |
| **Species** | Indicate the scientific name of the species for which biological variables sampling is required according to Table 1 of the EU MAP Delegated Decision annex, for all regions and areas where the Member State's fishing fleet operates. Enter only these species that have a ‘Y’ in the column ‘Selected for sampling of biological variables’ of Table 2.1. |
| **Area** | Indicate the area for the mentioned species/stock, in accordance with column 3 of Table 1 of the EU MAP Delegated Decision annex. |
| **Biological variable** | Enter biological variable to be collected. See MasterCodeList ‘Biological Variable’. List all biological variables per species/stock, even if you don’t plan to collect in a given year. In such case, put ‘0’ in column ‘Number of individuals to sample’. It is to prevent omitting any planned variable by mistake. Enter each variable in a separate line, avoid entering multiple variables in the same cell. |
| **Data collection requested by end user** | Indicate whether the data collection is based on an end user request using ‘Y’ (yes) or ‘N’ (no). For data mandatory under the EU MAP, it is to be expected that the default is ‘Y’. For additional data, enter ‘Y’ (e.g. because a national body or RCG requests a certain type of data collection) or ‘N’ (e.g. when the data collection anticipates a future possible use). |
| **Observation type** | Indicate the type of observation activity used to collect data for the specified sampling scheme and frame. See MasterCodeList ‘Observation type’. |
| **Sampling scheme type** | Enter the sampling scheme type used. See MasterCodeList 'Sampling scheme type'. The reference to sampling scheme types should be consistent throughout all the tables where this column appears.  Each sampling scheme type should be reported in a separate row.  For mandatory research surveys at sea report only sampling schemes for main target species as listed in Table 1 of the EU MAP Implementing Decision. |
| **Sampling scheme identifier** | Indicate a unique name (free text) to identify each combination of ‘observation type’\*’sampling scheme type’. Use identical reference in text boxes and in Annex 1.1. For mandatory research surveys at sea, use the acronym from Table 1 of the EU-MAP Implementing Decision annex - see MasterCodeList ‘Mandatory survey at sea’. |
| **Opportunistic (O) or planned (P) sampling** | If the number of individuals sampled is related to sampling schemes in 2.3, 2.4, 2.5 or 2.6 enter ‘O’ (‘opportunistic’) and no figures (‘N/A’) in the ‘Number of individuals to sample’ column.  If the number of individuals sampled is related to a biological sampling scheme, enter ‘P’ (‘planned’) and provide a figure in the ‘Number of individuals to sample’ column. |
| **Number of individuals to sample** | Enter ‘N/A’ in case of Opportunistic sampling;  A planned figure in case of a planned sampling (Biological sampling scheme). Enter ‘0’ in case no collection is planned. |
| **Regional work plan name** | Indicate the name of the regional work plan in force if any. Use an acronym if it exists. Enter ‘N’ (no) if no regional work plan applies. |
| **WP Comments** | Any further comments. |
| *General comment: The grey part of the table applies only to the annual report. MS should provide information on the number of fish measured for each species, area, biological variable, and sampling scheme. New species/variable/scheme, not included in the work plan, may be added as additional rows highlighted in grey, at the end of the table.* | |
| **Achieved number of sampled individuals at national level** | Indicate the total number of individuals measured at the national level. |
| **Achieved number of samples** | Indicate the number of samples (PSU as defined in Annex 1.1) from which the number of individuals was obtained. |
| **Achieved % of sampled individuals at national level** | This column fills in automatically using a formula:  ***100 \* (‘Achieved number of sampled individuals at national level’) / (‘Number of individuals to sample’)***  ‘N/A’ indicates opportunistic sampling or no sampling for a given variable. |
| **Indication if AR comments required concerning achieved % of sampled individuals** | This column fills in automatically if the discrepancy between achieved and planned measurements is less than 90% or more than 150%. The values out of this range are flagged with ‘x’, and the Member State is requested to provide a comment in the ‘AR comments’ column. You may also fill in the ‘AR comments’ column without the indication.  N/A indicates opportunistic Sampling |
| **AR Comments** | Add comments to clarify any deviation from the work plan, especially if there is a discrepancy indicated in column Q. If some species were added for sampling in the implementation year, briefly explain the reason. Indicate in this column if extended comments are given in Text Box 2.2. You may add any further comments. |

### Text Box 2.2: Planning of sampling for biological variables

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| *General comment: This text box fulfils Article 5(2)(a), Article 6(3)(a), (b) and (c) of Regulation (EU) 2017/1004 and Chapter II point 2.1(a) of the EU MAP Delegated Decision annex. This text box applies to the annual report and complements Table 2.2.* |
| **Deviations from the work plan**  MS to list the deviations (if any) in the achieved collection of biological data (other than lengths), compared to what was planned.    General reasons for deviations from the work plan in terms of planned vs. achieved should be summarised in this section, while detailed comments on deviations on particular species/stocks should be included in the ‘AR Comments’ column in Table 2.2.      **Actions to avoid deviations.**  Member State to describe the actions that will be considered/have been taken to avoid the deviations in the future and when these actions are expected to produce effect. If there are no deviations, then this section is not applicable.          (One text box max. 1 000 words per Region/RFMO/RFO/IO can be used) |
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### Table 2.3: Diadromous species data collection in freshwater

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| --- | --- |
| *General comment: This table fulfils Article 5(2)(a), Article 6(3)(a), (b) and (c) of Regulation (EU) 2017/1004 and Chapter II point 2.1(b) and point 2.3 of the EU MAP Delegated Decision annex. Use this table to give an overview of the data to be collected from freshwater commercial fisheries for salmon, sea trout and eel, and from research surveys on salmon and sea trout in freshwater, and on eel in any relevant habitat including coastal waters. Use tables 2.1, 2.2 and 2.5 for description of data collection on diadromous species from commercial fisheries at sea.* | |
| **Field name** | **Description** |
| **MS** | Use ISO 3166-1 alpha-3 code e.g. 'DEU'. See MasterCodeList ‘MS’. |
| **Implementation year** | Indicate the year the activity will be implemented. Enter one row per implementation year. Include all years from the work plan period. |
| **Region** | See MasterCodeList ‘Regions’.  If information refers to all regions, use code 'All regions'. |
| **RFMO/RFO/IO** | Enter the acronym of the competent Regional Fisheries Management Organisation (RFMO), Regional Fisheries Organisation (RFO) or International Organisations (IO) for providing management/advice on the species/stock.  See MasterCodeList ‘RFMO/RFO/IO’.  If no RFMO, RFO or IO is applicable, enter 'NA' (not applicable). |
| **Species** | Indicate the scientific name of the species. List all species from Table 3 of the EU MAP Delegated Decision annex, even if a species does not occur in the Member State. |
| **Management unit / River** | For salmon and sea trout, indicate the river. For eel, indicate the Eel Management Unit (EMU). |
| **Body of water** | Enter the name of the river (for salmon and sea trout) or other body of water (for eel). |
| **Species present in the MS** | Indicate with ‘Y’ (yes) or ‘N’ (no) if the species is present in the Member State even if not sampled. |
| **Observation type** | Indicate the type of observation activity used to collect data for the specified sampling scheme and frame. See MasterCodeList ‘Observation type’. |
| **Sampling scheme type** | Enter the sampling scheme type used. See MasterCodeList 'Sampling scheme type'. The reference to sampling scheme types should be consistent throughout all the tables where this column appears.  Each sampling scheme type should be reported in a separate row. |
| **Sampling scheme identifier** | Indicate a unique name (free text) to identify each combination of ‘observation type’ \* ‘sampling scheme type’. Use identical reference in text boxes and in Annex 1.1. |
| **Reasons for not sampling** | If the species is required according to Table 3 of the EU-MAP Delegated Decision annex or is selected at regional level, but not collected, indicate the reason(s) for not sampling this species, with specific references and scientific evidence where appropriate (e.g. species not present in the area, regulations/laws in the country etc.). |
| **Life stage** | Indicate the life stage of the species (e.g. glass, yellow, silver, parr, smolt, adult etc.).  See MasterCodeList ‘Life stage’. |
| **Agreed at RCG** | The designation of rivers and other bodies of water to be monitored for eel, salmon and sea trout shall be agreed at RCG level and performed at national level.  Indicate by 'Y' (yes) or 'N' (no) if there is an RCG recommendation or a regional agreement to sample at specified sampling sites. |
| **Fishery / Independent data collection** | Indicate whether data originates from commercial catches (F = fishery) or from other sources (I = independent). |
| **Diadromous variable** | Indicate the variables to be collected.  Examples: the abundance of recruits (glass eel), the abundance of standing stock (yellow eel), the number, weight and sex ratio of emigrating silver eels, the abundance of smolt, parr and the number of ascending individuals in rivers for adult salmon and sea trout. If variables are not directly collected but estimated, describe the method of estimation in Text Box 2.3. Enter each variable in separate rows.  See MasterCodeList ‘Diadromous variable’. |
| **Methods** | Indicate the methods used (e.g. traps, electrofishing, counter, logbooks etc. or any combination of these methods) from which data will be derived. Describe the sampling method/strategy also in the quality document (Annex 1.1). |
| **Unit** | For each method, indicate the planned unit of data reporting (number, sites, number of individuals etc.). |
| **Planned minimum number of units** | Indicate the planned minimum numbers for the unit chosen. (e.g. number of traps, number of counters, number of electrofishing sites etc.). |
| **Frequency** | Indicate the planned sampling frequency. See MasterCodeList 'Frequency'.  If you enter 'Other', specify the frequency ‘WP comments’ column. |
| **WP Comments** | Any further comments. |
| *General comment: The grey part of this table applies to the annual report. This table should provide information on the achieved numbers and short texts to explain any divergences with the work plan.* | |
| **Achieved number of units** | Indicate the achieved number of units. |
| **Achieved % of units** | The percentage of achieved units.  This column fills in automatically using a formula:  ***100 \* (‘Achieved number of units’) / (‘Planned minimum number of units’)***. |
| **Indication if AR comments required concerning achieved number of units** | This column fills in automatically if the discrepancy between planned and achieved number of units is less than 90% or more than 150%. The values out of this range are flagged with ‘x’, and the Member State is requested to provide a comment in the ‘AR comments’ column. You may also fill in the ‘AR comments’ column without the indication. |
| **AR Comments** | Add comments to clarify any deviation from the work plan, especially if there is a discrepancy between the ‘Achieved number of units’ and the ‘Planned number of units’. Indicate in this column if extended comments are given in Text Box 2.3. You may add any further comments. |

**Text Box 2.3: Diadromous species data collection in freshwater**

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| *General comment: This text box fulfils Article 5(2)(a), Article 6(3)(a), (b) and (c) of Regulation (EU) 2017/1004 and Chapter II point 2.1(b) and point 2.3 of the EU MAP Delegated Decision annex. Use this text box to give an overview of the methodology used for the data collected from freshwater commercial fisheries for salmon, sea trout and eel, and from research surveys on salmon and sea trout in freshwater, and on eel in any relevant habitat including coastal waters.* |
| Method selected for collecting data.      MS should briefly describe the method for collecting the variables presented in Table 2.3. Detailed descriptions are to be included in the quality document (Annex 1.1). If variables are not directly collected but estimated the method of estimation should be described here.    *(max 250 words per species and area)* |
| **Were the planned numbers achieved?** Yes/ No  If the answer is No, Member State shall explain why not, and what measures were taken to avoid non-conformity.  *(max. 500 words per species and area)* |

### Table 2.4: Recreational fisheries

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| *General comment: This table fulfils Article 5(2)(a), Article 6(3)(a), (b) and (c) of Regulation (EU) 2017/1004, and Chapter II point 2.2 of the EU MAP Delegated Decision annex. This table is intended to specify data to be collected under Chapter II point 2.2 of the Delegated Decision annex. Use this table to specify data to be collected under Table 4 of the EU MAP Delegated Decision annex, which also includes marine and freshwater recreational catches.* | |
| **Field name** | **Description** |
| **MS** | Use ISO 3166-1 alpha-3 code e.g. 'DEU'. See MasterCodeList ‘MS’. |
| **Implementation year** | Indicate the year the activity will be implemented. Enter one row per implementation year. Include all years from the work plan period. |
| **Region** | See MasterCodeList ‘Regions’.  If information refers to all regions, use code 'All regions'. |
| **RFMO/RFO/IO** | Enter the acronym of the competent Regional Fisheries Management Organisation (RFMO), Regional Fisheries Organisation (RFO) or International Organisations (IO) for providing management/advice on the species/stock.  See MasterCodeList ‘RFMO/RFO/IO’.  If no RFMO, RFO or IO is applicable, enter 'NA' (not applicable). |
| **Species** | Indicate the scientific name of the species/stocks for recreational fisheries sampling. As a minimum, indicate the species from Table 4 of the EU MAP Delegated Decision annex, unless an alternative list has been agreed at regional level. Include also species identified by pilot studies and/or management needs for the recreational fishery and/or agreed at regional level, even if a species does not occur in the Member State. List elasmobranchs and highly migratory ICCAT species individually (one line per species). |
| **Area** | Use the naming convention from Table 4 of the EU MAP Delegated Decision annex. In the case of eel, salmon and sea trout, indicate Eel Management Unit (EMU)/river/subdivision, respectively. |
| **Species present in the MS** | Indicate with ‘Y’ (yes) or ‘N’ (no) if the species is present in the Member State even if not sampled. |
| **License** | Indicate whether a general, a species-specific, a gear-specific, an area-specific, or no license is required by a delegated authority.  See MasterCodeList 'License'. |
| **Reasons for not sampling** | If the species is required according to Table 4 of the EU MAP Delegated Decision annex or is selected at regional level, but not collected, indicate the reason(s) for not sampling this species, with specific references and scientific evidence where appropriate (e.g. species not present in the area, regulations/laws in the country etc.). |
| **Agreed at RCG** | The designation of species of interest shall be agreed at regional level. Indicate with 'Y' (yes) or 'N' (no) if there is an RCG recommendation or a regional agreement to conduct the respective sampling. |
| **Is an annual estimate of the total catch planned?** | Indicate with 'Y' (yes) or 'N' (no) if your Member State plans all necessary actions to enable the estimation of catch per species (weight and/or numbers), for the mentioned species. |
| **Is an estimate of the annual percentage of catch released alive planned?** | Indicate with 'Y' (yes) or 'N' (no) if your Member State plans to estimate the rate of fish released alive per species, for the mentioned species.  Explain in the quality document (Annex 1.1) how these estimates are calculated. |
| **Is the collection of biological variables planned?** | Indicate with 'Y' (yes) or 'N' (no) if your Member State plans to estimate the catch composition (e.g. length, age structure) for the mentioned species. |
| **Is there a regional threshold for the collection of stock related biological variables?** | Indicate with 'Y' (yes) or 'N' (no) whether, for the mentioned species, a threshold applies for biological data collection from recreational catches, which is agreed and coordinated at marine region level based on end-user needs. This column shall be filled only when ‘Y’ is indicated in the previous column (‘Is the collection of biological variables planned?’). |
| **Observation type** | Indicate the type of observation activity used to collect data for the specified sampling scheme and frame. See MasterCodeList ‘Observation type’. |
| **Sampling scheme type** | Enter the sampling scheme used. See MasterCodeList 'Sampling scheme type'. The reference to sampling scheme types should be consistent throughout all the tables where this column appears.  Each sampling scheme type should be reported in a separate row. |
| **Sampling scheme identifier** | Indicate a unique name (free text) to identify each combination of ‘observation type’ \* ‘sampling scheme type’. Use identical reference in text boxes and in Annex 1.1. |
| **Frequency** | Indicate the planned sampling frequency. See MasterCodeList 'Frequency'.  If you enter 'Other', specify the frequency ‘WP comments’ column. |
| **WP comments** | Any further comments |
| *General comment: The grey part of this table applies to the annual report. This table should provide information on the estimate of catch quantities and percentage released, and collection of catch composition data for recreational fisheries implemented by Member States.* | |
| **Estimated annual catch quantities by species** | Indicate with ‘Y’ (yes) or ‘N’ (no) whether, for each mentioned species, the annual catch weight (tonnes) is estimated for the sampling year. |
| **Estimated annual percentage release** | Indicate with ‘Y’ (yes) or ‘N’ (no) whether, for each mentioned species, the annual percentage released is estimated for the sampling year. |
| **Collection of biological data** | Indicate with ‘Y’ (yes) or ‘N’ (no) whether, for each mentioned species, the biological data are collected for the sampling year. |
| **Evaluated by external experts/bodies** | Indicate with ‘Y’ (Yes) or ‘N’ (No) if the survey is evaluated by external experts/bodies. If the answer is ‘Y’, identify the evaluator (e.g. WGRFS, ICCAT) and provide further details about the evaluations (year, part of the survey, progress etc.) in the ‘AR comments’ column. |
| **AR comments** | Add comments to clarify any deviation from the work plan. |

### Text Box 2.4: Recreational Fisheries

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| *General comment: This text box fulfils Article 5(2)(a), Article 6(3)(a), (b) and (c) of Regulation (EU) 2017/1004 and Chapter II point 2.2 of the EU MAP Delegated Decision annex. Use this text box to give an overview of the methodology used to collect data on marine and freshwater recreational catches.* |
| Description of the sampling scheme/survey according to Table 2.4.    *(max 900 words per region)* |
| **Deviations from the work plan**  The Member State shall list the deviations (if any) in the achieved data collection, compared to what was planned in the work plan and explain the reasons for the deviations.  **Action to avoid deviations**  The Member State shall describe the actions that will be considered/have been taken to avoid the deviations in the future and when these actions are expected to produce results.  *(max 900 words per region)* |

### Table 2.5: Sampling plan description for biological data

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| *General Comment: This table fulfils Article 5(2)(a) and (b), Article 6(3)(a), (b) and (c) of Regulation (EU) 2017/1004 and Chapter II point 2.1(a) and point 4.1 of the EU MAP Delegated Decision annex. This table refers to data to be collected under Table 1 and under regulations specified in Table 2 of the EU MAP Delegated Decision annex. Use this table to identify all commercial fishery-dependent sampling schemes in the Member State. The Member State shall list the sampling frames within the scheme, the primary sampling unit (PSU) type and the envisaged number of PSUs that will be available in the year of submission. For each sampling frame, the Member State shall record the number of PSUs it is planning to undertake.* | |
| **Field name** | **Description** |
| **MS** | Use ISO 3166-1 alpha-3 code e.g. 'DEU'. See MasterCodeList ‘MS’. |
| **Reference period** | Indicate the year(s) to which the data actually refer. Select the three most recent representative years before the first year of the WP period (no update of reference period needed within the WP period) with data available. Give the reference years as e.g. '2018-2020', ‘2017-2019’.  When the reference period taken is different from the most recent three years, clarify it in ‘WP Comments’ column. |
| **Implementation Year** | Indicate the year the activity will be implemented. Enter one row per implementation year. Include all years from the work plan period. |
| **Region** | See MasterCodeList ‘Regions’.  If information refers to all regions, use code 'All regions'. |
| **RFMO/RFO/IO** | Enter the acronym of the competent Regional Fisheries Management Organisation (RFMO), Regional Fisheries Organisation (RFO) or International Organisations (IO) for providing management/advice on the species/stock.  See MasterCodeList ‘RFMO/RFO/IO’.  If no RFMO, RFO or IO is applicable, enter 'NA' (not applicable). |
| **Observation type** | Indicate the type of observation activity used to collect the data for each sampling scheme type. See MasterCodeList ‘Observation type’. |
| **Sampling scheme type** | Enter the sampling scheme type used. See MasterCodeList 'Sampling scheme type'. The reference to sampling scheme types should be consistent throughout all the tables where this column appears.  Each sampling scheme type should be reported in a separate row. |
| **Species Coverage** | Indicate if the sampling scheme type\*observation type covers all or only a part of the species. See MasterCodeList ‘species coverage’.  If you enter ‘Selected species/stocks’, provide specific details in the quality document (Annex 1.1). |
| **Sampling scheme identifier** | Indicate a unique name (free text) to identify each combination of ‘observation type’ \* ‘sampling scheme type’ \* ‘species coverage’. Use identical reference in text boxes and in Annex 1.1. |
| **Sampling frame identifier** | Indicate a unique code or name (free text) to identify each sampling frame within the sampling scheme. Use identical reference in text boxes.  To provide insight in the real coverage of the sampling design, enter at least one row per Region\*RFMO\*Sampling scheme identifier combination for out-of-frame parts of the population. It is recommended for all combinations, but it should be provided at least for the ones where ‘Sampling scheme type’=‘commercial fishing trip’. |
| **Sampling frame description** | Describe briefly (free text) the sampling frame (e.g. trawlers in the GSA 22; west coast purse-seiners; ports of the NW area, etc.). If necessary, add more detailed description in Text Box 2.5. |
| **Sampling frame spatial coverage** | Indicate the spatial coverage of the sampling frame (e.g. the ICES area, the GFCM GSA, the NAFO area, ICCAT sampling areas, etc.). The Member States decide independently on the sampling frame areas. |
| **Frequency** | Indicate the planned sampling frequency. See MasterCodeList 'Frequency'.  If you enter 'Unknown' or 'Other', explain in the ‘WP comments’ column or in Text Box 2.5. |
| **PSU type** | Indicate the primary sampling unit (PSU) inside each sampling frame. PSU could be fishing trip, fishing vessel, fishing day, port, trip, vessel\*trip, vessel\*week, port\*day, port\*week, port\*month, etc. |
| **Method of PSU selection** | Indicate the method(s) for the selection of the primary sampling unit (PSU). See MasterCodeList ‘PSU Selection’. |
| **Catch fraction** | Indicate which fraction of the catch is to be covered by the sampling. See MasterCodeList ‘Catch fraction’. If you enter ‘Other’, describe the fraction in the ‘WP comments’ column. |
| **Average number of PSUs during the reference period** | Enter the average yearly PSU number in the reference period. |
| **Planned number of PSUs** | Indicate the planned number of PSUs to be sampled annually for the implementation year(s). |
| **PETS observation covered within the sampling scheme** | Enter ‘Y’ (yes) when the observation of protected, endangered, threatened and sensitive (PETS) species is covered within the sampling scheme identifier, and ‘N’ (no) if it is not included. |
| **Does the sampling protocol allow for the quantification of PETS observation effort?** | Enter ‘Y’ (yes) if the PETS observation effort can be quantified.  The observation effort might cover a whole trip, or a part of a trip. A partial observation of a trip might include a known fraction of hauls, sorting/processing or catch. |
| **Regional work plan name** | Indicate the name of the regional work plan in force if any. Use an acronym if it exists. Enter ‘N’ (no) if no regional work plan applies. |
| **WP Comments** | Any further comments, or further information required if ‘other’ has been used in previous columns. |

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| *General comment: The grey part of this table applies to the annual report. This table should provide information on the achieved level of sampling of Member States and also if incidental catches of protected, endangered, threatened or sensitive (PETS) species were monitored. New scheme/frame, not included in the work plan, may be inserted as additional rows highlighted in grey, at the end of the table.* | |
| **Total number of PSUs in the implementation year** | Enter the total number of PSUs that were available for selection for the specified sampling frame in the implementation year. |
| **Achieved number of PSUs in the implementation year** | Enter the number of PSUs from which data was successfully collected for the specified sampling frame in the implementation year. |
| **Achieved % of PSUs** | The percentage of PSUs achieved in the reporting year.  This column fills in automatically using a formula:  ***100 \* (‘Achieved number of PSUs in the implementation year’) / (‘Planned number of PSUs in the implementation year’)*** |
| **Divergence (%) of implementation year vs. reference period** | The divergence in percentage of the implementation year vs. the reference period.  This column fills in automatically using a formula:  ***100 \* (‘Total number of PSU in the implementation year’) / (‘Average number of PSU during the statistics reference period’)***  This percentage provides the dimension of the divergence between the existing situation when planning was designed and the real situation during the sampling year. |
| **Indication if AR comments are required concerning number of PSUs achieved** | This column fills in automatically if the discrepancy between planned and achieved number of PSUs is less than 90% or more than 150%. The values out of this range are flagged with ‘x’, and the Member State is requested to provide a comment in the ‘AR comments’ column. You may also fill in the ‘AR comments’ column without the indication. |
| **Number of unique active vessels in the sampling frame** | Enter the number of unique active vessels during the implementation year for the sampling frame specified, using the definition of ‘active vessel’ from Chapter 1 of the EU MAP Delegated Decision annex.  Report this information wherever it is possible to link the sampling frame to fishing vessels, including on-shore sampling. |
| **Number of unique vessels sampled** | Enter the number of unique vessels sampled during the implementation year for the sampling scheme and frame specified.  Report this information wherever it is possible to link samples to vessels, including on-shore sampling. |
| **Number of fishing trips in the sampling frame** | Enter the total number of fishing trips for the sampling scheme and frame specified.  Report this information wherever it is possible to link samples to vessels, including on-shore sampling. |
| **Number of fishing trips sampled** | Enter the number of fishing trips sampled for the sampling scheme and frame specified.  Report this information wherever it is possible to link samples to vessels, including on-shore sampling. |
| **Percentage of sampled fishing trips where the observer dedicated time to record the bycatch of PETS** | Indicate the percentage of the sampled trips where a dedicated PETS observation has been conducted by the observer. This observation also includes cases where zero PETS bycatch was recorded, as long as the observer was looking for bycaught specimens.  If the observation effort is focused only on some kinds of PETS (mammals, reptiles etc.), indicate this in the ‘AR comments’ column, and if necessary, in Text Box 4.2. |
| **Number of fishing trips sampled with PETS mitigation device** | Enter the number of fishing trips sampled where a PETS mitigation device was used, for the sampling scheme and frame specified. |
| **Number of species with length measurements** | Enter the number of species for which length measurements have been recorded.  This is distinct from the species for which biological data has been collected. |
| **AR Comments** | Add comments to clarify any deviation from the work plan, especially between the ‘Planned number of PSUs’ and the ‘Achieved number of PSUs in the sampling year’.  Indicate in this column if extended comments are given in Text Box 2.5.  You may add any further comments. |

### Text Box 2.5: Sampling plan description for biological data

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| *General Comment: This text box fulfils Article 5(2)(a) and (b), Article 6(3)(a), (b) and (c) of Regulation (EU) 2017/1004 and Chapter 2 point 2.1(a) of the EU MAP Delegated Decision annex. This text box complements Table 2.5.* |
| This text box is complementary to information on the sampling schemes provided in the quality document (Annex 1.1). It serves to highlight additional information on sampling schemes and sampling frames that the Member State considers useful to understand the sampling design planned for the region and the implementation year(s).    Additional information on sampling schemes  Member State may add specific contextual information related to a region and the implementation year(s), for instance highlighting new developments not yet detailed in the quality document, regional adaptation and/or perspectives for the future. Insert the information under the same sampling scheme identifier as in Table 2.5.    Additional description on sampling frames  Member State may add complementary description to what includes the ‘Sampling frame description’ column of Table 2.5. Insert the information under the same identifier and name as in columns ‘Sampling frame identifier’ and ‘Sampling frame description’ of Table 2.5, and in the same order (Sampling frame identifier + Sampling frame description).    *(One text box (max. 1 000 words) per region/RFMO/RFO/IO)* |
| **Deviations from the work plan**  Member State shall list the deviations (if any) in the achieved data collection, compared to what was planned in the work plan and explain the reasons for the deviations.      **Actions to avoid deviations.**  Member State shall describe the actions that will be considered/have been taken to avoid the deviations in the future and when these actions are expected to produce effect. If there are no deviations, then this section is not applicable.    (One text-box (max. 1 000 words) per region/RFMO/RFO/IO) |

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### Table 2.6: Research surveys at sea

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| *General Comment: This table fulfils Article 5(1)(b), Article 6(3)(a), (b) and (c) of Regulation 2017/1004 and Chapters I and II of the EU MAP Implementing Decision annex. This table is intended to specify which research surveys at sea set out in Table 2 of the EU MAP Implementing Decision annex and which additional surveys will be carried out by the Member State.* | |
| **Field name** | **Description** |
| **MS** | Use ISO 3166-1 alpha-3 code e.g. 'DEU'. See MasterCodeList ‘MS’. |
| **Implementation year** | Indicate the year the activity will be implemented. Enter one row per implementation year. Include all years from the work plan period. |
| **Region** | See MasterCodeList ‘Regions’.  If information refers to all regions, use code ‘All regions’. |
| **RFMO/RFO/IO** | Enter the acronym of the competent Regional Fisheries Management Organisation (RFMO), Regional Fisheries Organisation (RFO) or International Organisations (IO) for providing management/advice on the species/stock.  See MasterCodeList ‘RFMO/RFO/IO’.  If no RFMO, RFO or IO is applicable, use ‘NA’ (not applicable). |
| **Name of research survey** | Enter the name of the research survey at sea. For mandatory surveys use the name from Table 1 of the EU-MAP Implementing Decision annex. See ‘Description’ column in MasterCodeList ‘Mandatory survey at sea’.  As a minimum, list:   * the surveys your Member State participates in, whether financially, technically, in effort or as a combination of those; * single-species mandatory surveys where your Member State’s TAC share (or total Union landings) is more than 0% but below the threshold (based on Table 2.1 of the National Work Plan); * multi-species and ecosystem surveys where thresholds have been set at a regional level for the relevant regions.     You may list non-mandatory research surveys. Indicate names of those surveys in accordance with national survey names. |
| **Research survey acronym** | Enter the acronym of the research survey at sea. For mandatory surveys use the acronym from Table 1 of the EU MAP Implementing Decision annex. See MasterCodeList ‘Mandatory survey at sea’. Survey acronyms used in this table should be consistent with the information in ‘Sampling scheme identifier’ column in Table 2.2. |
| **Mandatory research survey** | Enter 'Y' (yes) if the research survey at sea is included in Table 1 of the EU-MAP Implementing Decision annex; otherwise enter and 'N' (no). |
| **Threshold rules used** | Indicate which threshold rules apply, if any, for your Member State not to contribute to the survey. See MasterCodeList ‘Threshold rules used’.  For mandatory surveys, enter one of the following options:  ● ‘None’: your Member State has to contribute to the survey by any means, further specified in column ‘Type of MS participation’ in Table 2.6;  ● ‘Implementing decision rule’: your Member State has no obligation to contribute to the survey under the rules laid down in the EU-MAP Implementing Decision.  ● ‘Regionally agreed rule’: your Member State has no obligation to contribute to the survey under the rules laid down in a regional agreement. In this case, indicate the relevant agreement in question 4 of Text Box 2.6.  For non-mandatory surveys, enter ‘None’. |
| **Regional work plan name** | Indicate the name of the regional work plan in force if any. Use an acronym if it exists. Enter ‘N’ (no) if no regional work plan applies. |
| **Cost-sharing agreement signed by MS** | Enter 'Y' (yes) if your Member State has signed a cost-sharing agreement; otherwise enter 'N' (no).  If a cost-sharing agreement applies, refer to the agreement in Table 1.3. |
| **Type of MS participation** | Indicate the form of participation as mentioned in MasterCodeList ‘Type of MS participation’. Fill in this column for all research surveys at sea carried out by your Member State, irrespective of any agreements at regional level.   * ‘Financial’ assumes only financial support (mostly arranged via a cost-sharing agreement); * ‘Technical’ includes ships or other platforms, supply of materials, support in post-processing samples (e.g. lab work) (mostly arranged via a cost-sharing agreement or a regional work plan); * ‘Personnel’ includes contribution of people on board (mostly arranged via a cost-sharing agreement or a regional work plan); * ‘Combination’ is any combination of the above; * ’NA’ (not applicable) when no other MS participates in the survey.   For other types of participation than ‘Financial’, describe the type of participation, and/or its background in more detail under question 4 in Text Box 2.6. |
| **Area(s) covered** | Indicate the areas planned to be covered. For mandatory surveys the area shall be the same as indicated in Table 1 of the EU MAP Implementing Decision annex. |
| **Time period (Month)** | Indicate the time period (calendar months in numbers separated by comma) planned to be covered by your Member State. |
| **Frequency** | Indicate the planned sampling frequency. See MasterCodeList 'Frequency'. If you enter ‘Unknown’ or 'Other', explain in the ‘WP comments’ column. |
| **Relevant international planning group** | Enter the acronym of the relevant international group in charge of planning the research survey at sea and its corresponding RFMO/RFO/IO (e.g. IBTSWG-ICES or GFCM).  See MasterCodeList ‘RFMO/RFO/IO’. Use the acronym of the planning group in line with the naming convention within the RFMO/RFO/IO. If there is no planning group, RFMO, RFO or IO responsible for the survey planning, enter 'NA' (not applicable).   If available, provide a link to a webpage with more information on the survey planning group. |
| **Days at sea planned** | Enter the number of days at sea planned for conducting the research survey. In case the survey is subject to a cost-sharing agreement and your Member State’s participation does not include ship time (Type of MS participation), refer to the national work plan of the MS planning and conducting the survey. |
| **Type of sampling activities** | Indicate the type of core sampling activities. Core sampling activities are agreed in the relevant group in charge of the survey planning. You may mention also additional sampling activities, decided by your Member State. Use a separate line for each type of sampling activity in a survey, repeating the information from the previous columns. Use the following categories: trawl hauls, hydrography, plankton hauls, acoustic profiles, litter hauls, benthic invertebrate samples, seabed monitoring, etc. In case the survey is subject to a cost-sharing agreement and your Member State’s participation does not include ship time (Type of MS participation), refer to the national work plan of the MS planning and conducting the survey. |
| **Number of sampling activities planned** | Indicate the number of planned sampling activities. In case the survey is subject to a cost-sharing agreement and your Member State’s participation does not include ship time (Type of MS participation), refer to the national work plan of the MS planning and conducting the survey. |
| **Research survey database** | Enter the name of the database, either national or international, where the collected data is stored. If available, add the link to the database. In case no database exists, enter ‘None'. When the data is stored in national and international databases, enter only the latter.  Please note: this column applies to the existence of a database where the data is stored. |
| **Link to survey manual** | Indicate where the research survey manual can be found. For mandatory and internationally coordinated surveys provide a link to the international manual, even if a national manual is also in place. For non-mandatory surveys a link to the (inter)national manual is optional. If no link is available, enter 'No link available'. If no manual is available, enter 'No manual available'. |
| **WP comments** | Any further comments |
| *General comment: The grey part of this table applies to the annual report and reports on the achieved survey sampling.* | |
| **In case of financial participation, has the payment been made?** | In case of financial participation to a research survey as part of a cost-sharing agreement, indicate by 'Y' (yes) or 'N' (no) whether the payment has been done. If no cost-sharing agreement applies, enter 'NA' (Not applicable). |
| **Days at sea achieved** | Enter the number of days at sea achieved during the research survey. In case the survey is subject to a cost-sharing agreement and your Member State’s participation does not include ship time (Type of MS participation), refer to the annual report of the Member State conducting the survey. |
| **Number of sampling activities achieved** | Indicate the number of target units given in the column ‘Number of sampling activities planned’ achieved during the survey. In case the survey is subject to a cost-sharing agreement and your Member State’s participation does not include ship time (Type of MS participation), refer to the annual report AR of the Member State conducting the survey. |
| **Other data submissions** | Enter 'Y' (yes) if the raw data are submitted to other scientific bodies than the relevant database, and 'N' (no) if not. |
| **Was the survey carried out within the official time period?** | Enter 'Y' (yes) if the research survey was carried out within the official survey time period, and 'N' (no) if not.  In case the survey is subject to a cost-sharing agreement and your Member State’s participation does not include ship time (Type of MS participation), refer to the annual report of the Member State conducting the survey. |
| **Was the sampling carried out within the official survey area?** | Enter 'Y' (yes) if the research survey was carried out within the official survey area, and 'N' (no) if not.  In case the survey is subject to a cost-sharing agreement and your Member State’s participation does not include ship time (Type of MS participation), refer to the annual report of the MS conducting the survey. |
| **Indication if AR comments required concerning number of sampling activities achieved** | This column fills in automatically if the discrepancy between planned and achieved number of sampling activities is less than 90% or more than 150%. The values out of this range are flagged with ‘x’, and the Member State is requested to provide a comment in the ‘AR comments’ column. You may also fill in the ‘AR comments’ column without the indication. |
| **Indication if AR comments required concerning temporal and spatial coverage** | This column fills in automatically if the spatial or temporal coverage has not been met. If in one of the columns ‘N’ has been reported, this is flagged by ’x’ and the Member State is requested to provide a comment in the ‘AR comments’ column. You may also fill in the ‘AR comments’ column without the indication. |
| **AR Comments** | Add comments to clarify any deviation from the work plan, especially if there is a discrepancy indicated in columns AA and AB.  Indicate in this column if extended comments are given in Text Box 2.6. You may add any further comments. |

### Text Box 2.6: Research surveys at sea

|  |  |
| --- | --- |
| *General Comment: This Text Box fulfils Article 5(1)(b), Article 6 (3)(a), (b) and (c) of Regulation (EU) 2017/1004 and Chapters I and II of the EU MAP Implementing Decision annex. It is intended to specify which research surveys at sea set out in Table 2 of the EU MAP Implementing Decision annex will be carried out. Member States shall specify whether the research survey is included in Table 2 of the EU MAP Implementing Decision annex or whether it is an additional survey.* | |
| *(Use one text box per survey)*  Name of the research survey  1. Objectives of the survey    For mandatory surveys: list the full list of target species/ecosystem components set by the coordinating group (as opposed to the target species provided in Table 1 of the EU MAP Implementing Decision), and the international as well as additional national objectives.  For non-mandatory surveys: describe the purpose of the survey including sampling activities and target species/ecosystem components, the end user, the data use.    2. Description of the survey design and methods used in the survey for each type of data collection as listed in Table 2.6 for this specific survey.    If documentation of the survey design and methods used is available online in English, Member State can refer to that documentation.    3. For internationally coordinated surveys, describe the participating Member States/vessels.    4. Where applicable, provide more details on the type of participation and/or threshold agreement applied.  For Type of participation other than ‘Financial’ or, describe the type of participation, and/or the background of the type of participation in more detail.      *(max 450 words per survey)* | |
| 1. For internationally coordinated surveys, provide a link to the latest meeting report of the coordination group.   Member State shall provide a hyperlink to the meeting report from the body coordinating the survey (ICES, MEDITS coordination group, MEDIAS coordination group etc.). For surveys that are not internationally coordinated, Member State shall refer to any status report (e.g. Cruise report).   1. List the main use of the results of the survey (e.g. indices, abundance estimates, environmental indicators).   Member State shall specify in which context the results are used (on routine basis), both on an international as well as on a national context.  If the Member State feels the need to present a map of the achieved research survey stations, this can be provided as an annex. Member State shall clearly refer to the Annex and map numbers.   1. Extended comments (refer in AR comments in Table 2.6 to the text box)   If the Member State has extended AR Comments, these can be placed under this section. If this is the case, a reference to this text box should be provided in the corresponding tables.    *(max 450 words per survey)* |

## 3: Fishing Activity Data

### Table 3.1: Fishing activity variables data collection strategy

|  |  |
| --- | --- |
| *General comment: This table fulfils Article 5(2)(c), Article 6(3)(a), (b) and (c) of the Regulation 2017/1004 and Chapter II section 3 of the EU MAP Delegated Decision annex. This table is intended to cover variables indicated in Table 6 of the EU MAP Delegated Decision annex, excluding variables related to the inland waters (eel), and describe the method used to derive estimates on representative samples where data are not to be recorded under the Control Regulation (EC) No 1224/2009 or where data collected under Regulation (EC) No 1224/2009 are not at the right aggregation level for the intended scientific use. Table 3.1 should be filled only in case complementary data collection is planned.* | |
| **Field name** | **Description** |
| **MS** | Use ISO 3166-1 alpha-3 code e.g. 'DEU'. See MasterCodeList ‘MS’. |
| **Implementation year** | Indicate the years the activity will be implemented. For implementation year/years, see MasterCodeList ‘Year’. |
| **Supra region** | Use the naming convention from Table 2 of the EU MAP Implementing Decision annex. If information refers to all supra regions, insert 'All Supra regions'. See MasterCodeList 'Supra region'. |
| **Geo Indicator** | The 'Geo Indicator' distinguishes fleet segments operating in outermost regions and fleet segments operating exclusively in non-EU waters (international waters + third country – fisheries partnership agreements). If a Geo Indicator is not relevant for a fleet segment, use ‘NGI’ code. See MasterCodeList 'Geo Indicator'. |
| **Region** | See MasterCodeList ‘Regions’.  If information refers to all regions, use code 'All regions'. |
| **RFMO/RFO/IO** | Enter the acronym of the competent Regional Fisheries Management Organisation (RFMO), Regional Fisheries Organisation (RFO) or International Organisations (IO) for providing management/advice on the species/stock. See MasterCodeList ‘RFMO/RFO/IO’. If no RFMO, RFO or IO is applicable, use 'NA' (not applicable). |
| **Activity indicator** | Use the following activity indicators: Low active; Active and NA. If you divide a fleet segment into different activity levels, use ‘L’ for the low activity vessels and ‘A’ for the normal economic activity vessels. The sum of the vessels with ‘L’ and ‘A’ activities should be equal to the total population of that segment. Methodology of how to apply activity level is provided in the Recommendation 5 of PGECON 2018. If activity level is not applied, use ‘NA’. See MasterCodeList 'Activity indicator'. |
| **Segment or Cluster Name (either name of segment or cluster, in case of clustering)** | Enter the name of a segment or a cluster, in case of clustering.  Use the naming convention from Table 8 of the EU MAP Delegated Decision annex. Put an asterisk if the segment has been clustered with other segment(s) for data collection purposes. See WP guidance for Table 3.1 and Text Box 5.2 point 1 (e.g. Beam trawlers 0-< 6 m). For fleet segmentation, see code lists ‘Fishing technique’ and ‘Length class’ in MasterCodeList. |
| **Fishing Activity variable** | Use the naming convention from Table 6 of the EU MAP Delegated Decision annex. Enter variables, not variables groups. See MasterCodeList 'Fishing Activity variable'. |
| **Data source** | Indicate the data sources used. Separate multiple data sources with ‘;’. See MasterCodeList ‘Data source’. |
| **Data collection scheme** | Enter the data collection scheme code (C - Census; PSS - Probability Sample Survey; NPS - Non-Probability Sample Survey; IND - Indirect survey). See MasterCodeList 'Data collection scheme'. |
| **Planned sample rate (%)** | For each data source indicate (%) the planned coverage percentage, estimated on the basis of numbers of vessels under complementary data collection.   * If the 'Data collection scheme' of multiple ‘Data source' entries are the same, add up the percentages for ‘Planned sample rate’ and present them in one line. * For each 'Data collection scheme' with different 'Data source', enter values for ‘Planned sample rate’ in separate lines. * If the 'Data source' is related to the Control Regulation, the corresponding figures can be ignored (as it would have to be 100% in all cases). |
| **WP Comments** | Any further comments. |
| *General comment: The grey part of this table applies to the annual report.* | |
| **AR reference year** | Enter the year for which data have been collected |
| **Number of vessels** | Enter the number of vessels under complementary data collection. The population is based on the active and inactive vessels registered in the Union Fishing Fleet Register as defined in Commission Implementing Regulation (EU) 2017/218 on December 31st of the reporting year and vessels that do not appear on the Register at that date but have fished at least one day during the reporting year. |
| **Planned sample number** | This column fills in automatically with the number of vessels planned for the complementary data collection.  ‘Planned sample number’ = ‘Number of vessels’ \* ‘Planned sample rate’ |
| **Achieved response number** | Enter the number of responses for the complementary data collection for each of the data sources and variables. |
| **Response rate (%)** | Number of responses/ Sample size  ‘Response rate (%)’ = (‘Achieved response number’ / ‘Planned sample number’) % |
| **Achieved coverage (%)** | Achieved coverage from the number of vessels under complementary data collection.  ‘Achieved coverage (%)’ = (‘Achieved response number’ / ‘Number of vessels under complementary data collection’) % |
| **AR comments** | Add comments to clarify any deviation from the work plan. |

### Text Box 3.1: Fishing activity variables data collection strategy

|  |
| --- |
| *General comment: This text box fulfils Article 5(2)(c), Article 6(3)(a), (b) and (c) of the Regulation 2017/1004 and Chapter II point 3.1 of the EU MAP Delegated Decision annex. It is intended to describe the method used to derive estimates on representative samples where data are not to be recorded under the Control Regulation (EC) No 1224/2009 or where data collected under Regulation (EC) No 1224/2009 are not at the right aggregation level for the intended scientific use. Text Box 3.1 should be filled only in case complementary data collection is planned.* |
| Explain the reasons for implementing complementary data collection  Information on the sampling schemes is available in the quality document (Annex 1.2). However, MS is invited to highlight additional information here on sampling schemes and sampling frames deemed necessary to understand the actual sampling design planned for the implementation year(s).  *(max. 900 words)* |
| 1. Deviations from the work plan  List the changes from the work plan (if any) and explain the reasons.  2. Actions to avoid deviations.  Briefly describe the actions that will be considered / have been taken to avoid the deviations in the future and when these actions are expected to produce effect. If there are no deviations, then this section can be skipped.  *(max. 900 words)* |

### Text Box 3.2: Fishing activity variables data collection strategy (for inland eel commercial fisheries)

|  |
| --- |
| *General comment: This text box fulfils Article 5(2)(c), Article 6(3)(a), (b) and (c) of Regulation (EU) 2017/1004 and Chapter II point 3.2 of the EU-MAP Delegated Decision. It is intended to describe the methods and data sources used to estimate fishing capacity, effort and landings data.* |
| Describe inland eel commercial fisheries landings, effort and capacity data collection. List or describe for instance number of fishing entities, fishing methods as well as associated units used.  *(max. 900 words)* |
| 1. Deviations from the work plan  List the changes from the work plan (if any) and explain the reasons.  2. Actions to avoid deviations.  Briefly describe the actions that will be considered / have been taken to avoid the deviations in the future and when these actions are expected to produce effect. If there are no deviations, then this section can be skipped.  *(max. 900 words)* |

## 

## 4: Impact of fisheries on marine biological resources

### Table 4.1 Stomach sampling and analysis

|  |  |  |
| --- | --- | --- |
| *General Comment: This table fulfils Article 5(2)(b), Article 6(3)(a), (b) and (c) of the Regulation 2017/1004 and Chapter II point 4.3 of the EU MAP Delegated Decision annex. This table is intended to specify the sampling plan to collect and analyse stomach contents.* | | |
| **Field name** | **Description** | |
| **MS** | Use ISO 3166-1 alpha-3 code e.g. 'DEU'. See MasterCodeList ‘MS’. | |
| **Implementation year** | Indicate the year the activity will be implemented. Enter one row per implementation year. Include all years from the work plan period. | |
| **Region** | See MasterCodeList ‘Regions’.  If information refers to all regions, use code 'All regions'. | |
| **RFMO/RFO/IO** | Enter the acronym of the competent Regional Fisheries Management Organisation (RFMO), Regional Fisheries Organisation (RFO) or International Organisations (IO) for providing management/advice on the species/stock. See MasterCodeList ‘RFMO/RFO/IO’. If no RFMO, RFO or IO is applicable, use 'NA' (not applicable). | |
| **Area(s) covered** | Indicate the areas planned to be covered. For mandatory surveys the area shall be the same as indicated in Table 1 of the EU MAP Implementing Decision annex. | |
| **Observation type** | Indicate the type of observation activity used to collect data for the specified sampling scheme and frame. See MasterCodeList ‘Observation type’. | |
| **Sampling scheme type** | Enter the sampling scheme type used. See MasterCodeList 'Sampling scheme type'. The reference to sampling scheme types should be consistent throughout all the tables where this column appears.  Each sampling scheme type should be reported in a separate row. | |
| **Sampling scheme identifier** | Indicate a unique name (free text) to identify each identify each combination of ‘observation type’ \* ‘sampling scheme type’. Use identical reference in text boxes and in Annex 1.1. For mandatory research surveys at sea, use the acronym from Table 1 of the EU-MAP Implementing Decision annex - see MasterCodeList ‘Mandatory survey at sea’. | |
| **Regional work plan name** | Indicate the name of the regional work plan in force if any. Use an acronym if it exists. Enter ‘N’ (no) if no regional work plan applies. | |
| **Time period** | Indicate the time period (quarters, separated by a comma if more than one) planned to be covered by your Member State.  In case a regional stomach sampling plan applies, refer to that plan. | |
| **Species for stomach sampling** | Indicate the scientific name of the species for which stomach sampling is planned.  Use species names from Table 1 of the EU MAP Delegated Decision annex. | |
| **Expected number of stomachs** | Enter the expected number of stomach samples based on the sampling protocol.  (e.g. if the protocol mentions 5 fish per length class for a species, estimate how many length classes may be expected for that species based on previous years, and multiply by 5).  If no stomach sampling protocol applies, justify the expected number of stomachs to be collected in the ‘WP comments’ column. | |
| **Link to stomach sampling protocol** | Indicate where the stomach sampling protocol can be found.  Provide a link to an international manual, even if a national manual is also in place.  Enter ‘N’ if no stomach sampling protocol is available. | |
| **Metagenomic techniques** | Indicate ‘Y’ (Yes) if metagenomic techniques will be used in the stomach sampling or ‘N’ (No) if not. | |
| **WP Comments** | Any further comments | |
| *General comment: This table applies to the annual report and reports on the achieved stomach sampling.* | | |
| **Sampled number of stomachs** | | Indicate the number of stomachs collected. |
| **Was the sampling carried out within the planned time period(s)?** | | Enter 'Y' (yes) or 'N' (no) if the stomach sampling was carried out within the planned time period. |
| **Was the sampling carried out within the planned area(s)?** | | Enter 'Y' (yes) or 'N' (no) if the stomach sampling was carried out within the planned area(s). |
| **Indication if AR comments required concerning number of samples achieved** | | This column fills in automatically if the discrepancy between planned and achieved number of samples is less than 90% or more than 150%. The values out of this range are flagged with ‘x’, and the Member State is requested to provide a comment in the ‘AR comments’ column. You may also fill in the ‘AR comments’ column without the indication. |
| **Indication if AR comments required concerning temporal and spatial coverage** | | This column fills in automatically if the spatial and temporal coverage has not been met. If in one of the columns ‘N’ has been reported, this is flagged by ‘x’, and the Member State is requested to provide a comment in the ‘AR comments’ column. You may also fill in the ‘AR comments’ column without the indication. |
| **AR Comments** | | Add comments to clarify any deviation from the work plan, especially if there is a discrepancy indicated in columns P and Q. Indicate in this column if extended comments are given in Text Box 4.1. You may add any further comments. |

### Text box 4.2: Incidental catches of sensitive species

|  |
| --- |
| *General Comment: This text box fulfils Article 5(2)(a) and (b), Article 6(3)(a), (b) and (c) of Regulation (EU) 2017/1004 and Chapter 2 point 4.1 of the EU-MAP Delegated Decision annex. This text box complements Table 2.5.* |
| This text box is complementary to information on the sampling schemes provided in the quality document (Annex 1.1). It serves to highlight information on sampling schemes and sampling frames related to incidental catches of sensitive species.  Additional information on planning the observation of incidental catches of sensitive species (if already filled in in Annex 1.1, please indicate where it can be found):  - Has an assessment of the relative risk of bycatch for the different gear types/metiers taken place and been taken into account for the sampling design?  - What are the gear types/metiers that present the highest risk of bycatch per species/taxa of PETS in a given region?  - What are the methods to calculate the observation effort?  - Does the sampling design and protocol follow the recommendations from relevant expert groups? Provide appropriate references. If there are no relevant expert groups, the design and protocol have to be explained in the text.  Additional information on observer protocols (if already filled in in Annex 1.1, indicate where it can be found):  - Does the on-board observer protocol contain a check for rare specimens in the catch at opening of the cod-end? If YES is the observer instructed to indicate if the cod-end was NOT checked in a haul?  - In gill nets - and hook-and-line fisheries: does the on-board observer protocol instruct the observer to indicate how much of the hauling process has been observed for (large) incidental bycatches that slip out of the net?  - In large catches: does the protocol instruct to check for rare specimens during sorting of the catch (i.e. at conveyor belt)? Is the observer instructed to indicate what percentage of the sorting or hauling process has been checked at “haul level”?  Additional information on sampling schemes  Member State may add specific contextual information related to a region and the implementation year(s), for instance highlighting new developments not yet detailed in the quality document, regional adaptation and/or perspectives for the future. Insert the information under the same sampling scheme identifier as in Table 2.5.    Additional description on sampling frames  Member State may add complementary description to what includes the ‘Sampling frame description’ column of Table 2.5. Insert the information under the same identifier and name as in columns ‘Sampling frame identifier’ and ‘Sampling frame description’ of Table 2.5, and in the same order (Sampling frame identifier + Sampling frame description).    *(One text box (max. 1 000 words) per region/RFMO/RFO/IO)* |
| **Results**  Provide additional information, if available, in this text box. For example, summary information on the number of individuals recorded as bycaught per species, gear group and monitoring method with information about the state of the animals (i.e. were they released alive, dead, or collected for sampling).  **Deviations from the work plan**  Guidance:  Member State shall list the deviations (if any) in the achieved data collection, compared to what was planned in the work plan and explain the reasons for the deviations*.*  **Actions to avoid deviations.**  Guidance:  Member State shall describe the actions that will be considered/have been taken to avoid the deviations in the future and when these actions are expected to produce effect. If there are no deviations, then this section is not applicable.    *(One text box (max. 1 000 words) per Region/RFMO/RFO/IO)* |

### Text Box 4.3: Fisheries impact on marine habitats

|  |
| --- |
| *General comment: This text box fulfils Article 5 paragraph 2(a) and 2(b), Article 6 paragraph 3(a), 3(b) and 3(c) of Regulation (EU) 2017/1004 and Chapter 2, section 4.2 of the EU MAP Delegated Decision annex. It contains information on additional studies on the fisheries impact on marine habitats. This text box applies to the work plan and the annual report.* |
| 1. Aim of the study  2. Duration of the study  3. Methodology and expected outcomes of the study  *(max 900 words per study)* |
| Brief description of the results (including deviations from the plan and justifications as to why if this was the case).  4. Achievement of the original expected outcomes and justification if this was not the case.  5. Follow-up to the activities (what are the next steps, how the results will be used).  *(max 900 words per study)* |

## 5: Economic and social data in fisheries

### Table 5.1: Fleet total population and clustering

|  |  |
| --- | --- |
| *General comment: This table is intended to indicate the size of fleet segments and clustering schemes. The population shall be all active and inactive vessels registered in the Union Fishing Fleet Register as defined in Commission Regulation (EU) 2017/218 on December 31st of the reporting year and vessels that do not appear on the Register at that date but have fished at least one day during the reporting year.* | |
| **Field name** | **Description** |
| **MS** | Use ISO 3166-1 alpha-3 code e.g. 'DEU'. See MasterCodeList ‘MS’. |
| **Implementation year** | Indicate the years the activity will be implemented. For implementation year/years, see MasterCodeList ‘Year’. |
| **Supra region** | Use the naming convention from Table 2 of the EU MAP Implementing Decision annex. If information refers to all supra regions, insert 'All Supra regions'. See MasterCodeList 'Supra region'. |
| **Geo Indicator** | The 'Geo Indicator' distinguishes fleet segments operating in outermost regions and fleet segments operating exclusively in non-EU waters (international waters + third country – fisheries partnership agreements). If a Geo Indicator is not relevant for a fleet segment, use ‘NGI’ code. See MasterCodeList 'Geo Indicator'. |
| **Activity indicator** | Use the following activity indicators: Low active; Active and NA. If you divide a fleet segment into different activity levels, use ‘L’ for the low activity vessels and ‘A’ for the normal economic activity vessels. The sum of the vessels with ‘L’ and ‘A’ activities should be equal to the total population of that segment. Methodology of how to apply activity level is provided in the Recommendation 5 of PGECON 2018. If activity level is not applied, use ‘NA’. See MasterCodeList 'Activity indicator'. |
| **Fishing technique** | Use the naming convention from Table 8 of the EU MAP Delegated Decision annex. See MasterCodeList 'Fishing technique'. |
| **Length class** | Use the naming convention from Table 8 of the EU MAP Delegated Decision annex. Put an asterisk in the case the segment has been clustered with other segment(s) for data collection purposes. See MasterCodeList 'Length Class'. |
| **Segment or Cluster Name (either name of segment or cluster, in case of clustering)** | Enter the name of a segment or a cluster, in case of clustering.  Use the naming convention from Table 8 of the EU MAP Delegated Decision annex. Put an asterisk if the segment has been clustered with other segment(s) for data collection purposes. See WP guidance for Table 3.1 and Text Box 5.2 point 1 (e.g. Beam trawlers 0-< 6 m). For fleet segmentation, see code lists ‘Fishing technique’ and ‘Length class’ in MasterCodeList. |
| **Total Population (WP)** | Enter the number of vessels as defined in Chapter II point 5.1 of the EU MAP Delegated Decision annex, based on information available at the time of WP submission. |
| **WP Comments** | Any further comments. |
| *General comment: The grey part of this table applies to the annual report.* | |
| **AR reference year** | Enter the year for which data have been collected. |
| **Total population (AR)** | The population comprises all active and inactive vessels registered in the Union Fishing Fleet Register as defined in Commission Implementing Regulation (EU) 2017/218 on 31 December of the reporting year and vessels that do not appear in the Register at that date but have fished at least one day during the reporting year. |
| **AR comments** | Any further comments. |

### Table 5.2: Economic and social variables for fisheries data collection strategy

|  |  |
| --- | --- |
| *General comment: This table fulfils Article 5(2)(d), Article 6(3)(a), (b) and (c) of Regulation (EU) 2017/1004, and Chapter II point 5 of the EU MAP Delegated Decision annex. This table is intended to specify data to be collected under Tables 7 and 9 of the EU MAP Delegated Decision annex. Use this table to give an overview of the population for economic and social data in the fisheries sector.* | |
| **Field name** | **Description** |
| **MS** | Use ISO 3166-1 alpha-3 code e.g. 'DEU'. See MasterCodeList ‘MS’. |
| **Implementation year** | Indicate the years the activity will be implemented. For implementation year/years, see code lists ‘Year’ in MasterCodeList |
| **Supra region** | Use the naming convention from Table 2 of the EU MAP Implementing Decision annex. If information refers to all supra regions, insert 'All Supra regions'. See MasterCodeList 'Supra region'. |
| **Geo Indicator** | The 'Geo Indicator' distinguishes fleet segments operating in outermost regions and fleet segments operating exclusively in non-EU waters (international waters + third country – fisheries partnership agreements). If a Geo Indicator is not relevant, use ‘NGI’ code. See MasterCodeList 'Geo Indicator'. |
| **Activity indicator** | Use the following activity indicators: Low active; Active and NA. If you divide a fleet segment into different activity levels, use ‘L’ for the low activity vessels and ‘A’ for the normal economic activity vessels. The sum of the vessels with ‘L’ and ‘A’ activities should be equal to the total population of that segment. Methodology of how to apply activity level is provided in the Recommendation 5 of PGECON 2018. If activity level is not applied, use ‘NA’. See MasterCodeList 'Activity indicator'. |
| **Type of variables (E/S)** | Enter the category that the variables belong to: 'E' (economic) or 'S' (social). See ’Description’ column in MasterCodeList ‘Economic and Social Variables’. |
| **Segment or Cluster Name (either name of segment or cluster, in case of clustering)** | Enter the name of a segment or a cluster, in case of clustering.  Use the naming convention from Table 8 of the EU MAP Delegated Decision annex. Put an asterisk if the segment has been clustered with other segment(s) for data collection purposes. See WP guidance for Table 3.1 and Text Box 5.2 point 1 (e.g. Beam trawlers 0-< 6 m). For social data collection, you may use ‘All segments’. For fleet segmentation, see code lists ‘Fishing technique’ and ‘Length class’ in MasterCodeList. |
| **Economic and Social Variables** | Use the naming convention from column 2 of Table 7 of the EU MAP Delegated Decision annex for the economic variables, and Table 9 of the EU-MAP Delegated Decision annex for the social variables. See column ‘Description’ for list ‘Economic and Social Variables’ in MasterCodeList. |
| **Data Source** | Indicate the data sources used. Separate multiple data sources with ‘;’.See MasterCodeList 'Data source'. |
| **Data collection scheme** | Enter the data collection scheme code (C - Census; PSS - Probability Sample Survey; NPS - Non-Probability Sample Survey; IND - Indirect survey). See MasterCodeList 'Data collection scheme'. |
| **Planned sample rate (%)** | Indicate the planned sample rate (%) based on the population. If there is no planned data collection for some variables, enter 'N' (No).   * If the 'Data collection scheme' of multiple ‘Data source' entries are the same, add up the percentages for ‘Planned sample rate’ and present them in one line. * For each 'Data collection scheme' with different 'Data source', enter values for ‘Planned sample rate’ in separate lines. * If the 'Data source' is related to the Control Regulation, the corresponding figures can be ignored (as it would have to be 100% in all cases). |
| **WP Comments** | Any further comments. |
| *General comment: The grey part of this table applies to the annual report.* | |
| **AR reference year** | Enter the year for which data have been collected. |
| **Total population** | Enter the total population number. It should be consistent with ‘Total population (AR)’ column in Table 5.1. |
| **Updated planned sample rate (%)** | Enter the sample rate (%), updated during the sampling process (based on updated information). |
| **Updated planned sample number** | This column fills in automatically with whole numbers (no fractions).  ‘Updated planned sample number’ = ‘Total population’ **\* ‘**Updated planned sample rate (%)’ |
| **Achieved response number** | Enter the number of responses received. |
| **Response rate (%)** | Number of responses/ Sample size  ‘Response rate (%)’ = (‘Achieved response number’ / ‘Updated planned sample number’) % |
| **Achieved coverage (%)** | ‘Achieved coverage (%)’ = (‘Achieved response number’ / ‘Total population (AR)’) % |
| **Updated planned sample rate/ Planned sample rate (%)** | ‘Updated planned sample rate (%)’ / ‘Planned sample rate (%)’ |
| **AR comments** | Add comments to clarify any deviation from the work plan. |

### Text Box 5.2: Economic and social variables for fisheries data collection strategy

|  |
| --- |
| *General comment: This Text Box fulfils Article 5(2)(d), Article 6(3)(a), (b) and (c) of Regulation (EU) 2017/1004, and Chapter II point 5 of the EU MAP Delegated Decision annex. It is intended to specify data to be collected under Tables 7, 8 and 9 of the EU MAP Delegated Decision annex.* |
| 1. Description of clustering  In cases where a fleet segment has less than 10 vessels:   1. Clustering may be necessary in order to design the sampling plan and to report economic variables; 2. Member States shall report which fleet segments have been grouped at the national level and shall justify the clustering on the basis of statistical analysis; 3. In their annual report, Member States shall report the number of sampled vessels for each fleet segment regardless of any clustering made to collect or provide the data.   Clustering should be described, and information should be given on the segments that are clustered.  MS should distinguish between segments considered for clustering as follows:   1. Important segments with distinct characteristics; 2. Segments similar to other segments; 3. Non-important segments with distinct characteristics.   Importance of fleet segments should be assessed in terms of landings (value and volume) and/or effort. Similarity should be demonstrated using expert knowledge on fishing patterns or on available data on landings and/or effort.  For each of the cases described, MS should apply the following approaches for clustering according to the different characteristics of fleet segments:   1. Important segments with distinct characteristics 2. Such segments should not be clustered unless strictly necessary in data reporting for confidentiality reasons. Data should be separately collected for these segments and included in national totals (unless separate identification is then made possible as a consequence). 3. Segments similar to other segments 4. Such segments can be clustered for sampling purposes, as well as for confidentiality reasons. The segments merged should be selected according to criteria that should be fully explained and justified by the MS. In particular, the approach to determine similarity should be clearly described by the MS. 5. Non-important segments with distinct characteristics 6. Such segments can be clustered for sampling purposes, as well as for confidentiality reasons. These segments can be merged with other non-important segments. Clustering of these segments with other important segments should be avoided. MS should explain how the lower importance had been determined and for which reasons the clustered segments have been selected. Clusters should be named after the biggest segment in terms of number of vessels or economic significance.   2. Description of activity indicator  If the MS is using activity indicator for dividing the fleet segment into different activity levels, use ‘L’ for the low activity vessels and ‘A’ for the normal economic activity vessels please provide description of activity methodology used.  3. Deviation from the RCG ECON (ex. PGECON) definitions  Describe and justify any deviations from variable definitions as listed in ‘EU MAP Guidance Document’ in the DCF website.    *(max. 900 words)* |
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| Deviations from the work plan  List the changes from WP (if any) and explain the reasons.  Actions to avoid deviations.  Briefly describe the actions that will be considered / have been taken to avoid the deviations in the future and when these actions are expected to produce effect. If there are no deviations, then this section can be skipped.  *(max. 900 words)* |

## 6: Economic and social data in aquaculture

### Table 6.1: Economic and social variables for aquaculture data collection strategy

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| *General comment: This table fulfils Article 5(2)(e), Article 6(3)(a), (b) and (c) of Regulation (EU) 2017/1004, and Chapter II point 6 of the EU MAP Delegated Decision annex. This table is intended to specify data to be collected under Tables 9, 10, and 11 of the EU MAP Delegated Decision annex. Use this table to give an overview of the collection of economic and social data of the aquaculture sector.* | |
| **Field name** | **Description** |
| **MS** | Use ISO 3166-1 alpha-3 code e.g. 'DEU'. See MasterCodeList ‘MS’. |
| **Implementation year** | Indicate the years the activity will be implemented. For implementation year/years, see code lists ‘Year’ in MasterCodeList |
| **Aquaculture techniques** | Enter the data segmentation by species and technique for aquaculture, as mentioned in Table 11 of the EU-MAP Delegated Decision annex. For definitions of farming techniques, see Regulation (EC) No 762/2008. Collection of data is not mandatory if it is under threshold applied by MS. See lists 'Aquaculture technique' and 'Aquaculture species group' in MasterCodeList. |
| **Aquaculture species group** | Enter the data segmentation by species and technique for aquaculture, as mentioned in Table 11 of the EU-MAP Delegated Decision annex. For definitions of farming techniques, see Regulation (EC) No 762/2008. Collection of data is not mandatory if it is under threshold applied by MS. See lists 'Aquaculture technique' and 'Aquaculture species group' in MasterCodeList. |
| **Type of variables (E/S)** | Enter the category that the variables belong to: 'E' (economic) or 'S' (social). See ’Description’ column in MasterCodeList ‘Economic and Social Variables’. |
| **Economic and Social variables** | Use the naming convention from column 2 of Table 10 of the EU MAP Delegated Decision annex for the economic variables, and Table 9 of the EU MAP Delegated Decision annex for the social variables. See MasterCodeList 'Economic and Social Variable'. |
| **Data source** | Indicate the data sources used. Separate multiple data sources with ‘;’. See MasterCodeList 'Data source'. |
| **Data collection scheme** | Enter the data collection scheme code (C - Census; PSS - Probability Sample Survey; NPS - Non-Probability Sample Survey; IND - Indirect survey). See MasterCodeList 'Data collection scheme'. |
| **Aquaculture thresholds** | Indicate the threshold applied according to Chapter II point 7 of the EU-MAP Implementing Decision annex. See MasterCodeList ‘Aquaculture thresholds’. |
| **Planned sample rate (%)** | Indicate the planned sample rate (%) based on the population, as defined in Chapter II point 6.1 of the EU-MAP Delegated Decision annex. If there is no planned data collection for some variables enter 'N' (No).   * If the 'Data collection scheme' of multiple Data source' entries are the same, add up the percentages for ‘Planned sample rate’ and present them in one line. * For each 'Data collection scheme' with different 'Data source', enter values for ‘Planned sample rate’ in separate lines. |
| **WP Comments** | Any further comments. |
| *General comment: The grey part of this table applies to the annual report* | |
| **AR reference year** | Enter the year for which data have been collected. |
| **Number of enterprises** | Enter the number of enterprises in the segment. |
| **Updated planned sample rate (%)** | Enter the sample rate (%), updated during the sampling process (based on updated information). |
| **Updated planned sample number** | This column fills in automatically with whole numbers (no fractions).  ‘Updated planned sample number’ = ‘Number of enterprises’ \* ‘Updated planned sample rate (%)’ |
| **Achieved response number** | Enter the number of responses received. |
| **Response rate (%)** | Number of responses/ Sample size  ‘Response rate (%)’ = (‘Achieved response number’ / ‘Updated planned sample number’) % |
| **Achieved coverage (%)** | ‘Achieved coverage (%)’ = (‘Achieved response number’ / ‘Number of enterprises’) % |
| **Updated planned sample rate/ Planned sample rate (%)** | ‘Updated planned sample rate (%)’ / ‘Planned sample rate (%)’ |
| **AR comments** | Add comments to clarify any deviation from the work plan. |

### Text Box 6.1: Economic and social variables for aquaculture data collection strategy

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| *General comment: This Box fulfils Article 5(2)(e), Article 6(3)(a), (b) and (c) of Regulation (EU) 2017/1004, and Chapter II point 6 of the EU MAP Delegated Decision annex. It is intended to specify data to be collected under Tables 10 and 11 of the EU MAP Delegated Decision annex.* |
| 1. Description of the threshold application  [Please provide % of the MS production from the latest EU aquaculture production reported to the EUROSTAT.]    2. Deviation from RCG ECON (ex. PGECON) definitions  Describe and justify any deviations from variable definitions as listed in ‘EU MAP Guidance Document’ in the DCF website.  *(max. 900 words)* |
| 2. Deviations from the work plan    List the changes from WP (if any) and explain the reasons.    3. Actions to avoid deviations.  Briefly describe the actions that will be considered / have been taken to avoid the deviations in the future and when these actions are expected to produce effect. If there are no deviations, then this section can be skipped  *(max. 900 words)* |

## 7: Economic and social data in fish processing

### Table 7.1: Economic and social variables for fish processing data collection strategy

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| *General comment: This table fulfils Article 5(2)(f), Article 6(3)(a), (b) and (c) of Regulation (EU) 2017/1004, and Chapter II point 7 of the EU MAP Delegated Decision annex. This table is intended to specify data to be collected under the EU MAP Delegated Decision annex for complementary data collection. Use this table to give an overview of the collection of economic and social data of the processing industry. Specify data collection for variables not covered by EUROSTAT or for which additional sampling is required. Economic and social data may be collected for fish processing enterprises below 10 employees; for enterprises which have fish processing as a secondary activity; for variables not covered by EUROSTAT.*  *The complementary data collection for fish processing may be implemented on a voluntary basis.* | |
| **Field name** | **Description** |
| **MS** | Use ISO 3166-1 alpha-3 code e.g. 'DEU'. See MasterCodeList ‘MS’. |
| **Fish Processing Segment** | Use number of persons employed as the segmentation criteria, in line with EUROSTAT segmentation: companies <= 9; companies 10-49; companies 50-250; companies >250. Enter ‘NA’ if no segmentation is applied. See MasterCodeList 'Fish processing segment'. |
| **Type of variables (E/S)** | Enter the category that the variables belong to: 'E' (economic) or 'S' (social). See ’Description’ column in MasterCodeList ‘Economic and Social Variables’. |
| **Economic and social variables** | Use codes from the MasterCodeList ‘Economic and Social Variable’, in line with Annex V to PGECON 2020 report. |
| **Fish processing activity** | Use codes from the MasterCodeList 'Fish processing activity'. |
| **Data Source** | Indicate the data sources used. Separate multiple data sources with ‘;’. See MasterCodeList ‘Data source’. |
| **Data collection scheme** | Enter the data collection scheme code (C - Census; PSS - Probability Sample Survey; NPS - Non-Probability Sample Survey; IND - Indirect survey). See MasterCodeList 'Data collection scheme'. |
| **Implementation year** | Indicate the years the activity will be implemented. For implementation year/years, see code lists ‘Year’ in MasterCodeList |
| **Planned sample rate (%)** | The population may refer to enterprises whose main activity is defined according to the EUROSTAT definition under NACE Code 15.20: ‘Processing and preserving of fish and fish products’ and to those which have fish processing as non-main activity.   * If the 'Data collection scheme' of multiple Data source' entries are the same, add up the percentages for ‘Planned sample rate’ and present them in one line. * For each 'Data collection scheme' with different 'Data source', enter values for ‘Planned sample rate’ in separate lines. |
| **WP Comments** | Any further comment. |
| *General comment: The grey part of this table applies to the annual report* | |
| **AR reference year** | Enter the year for which data have been collected. |
| **Number of enterprises** | Enter the number of enterprises in the segment. |
| **Updated planned sample rate (%)** | Enter the sample rate (%), updated during the sampling process (based on updated information). |
| **Updated Planned sample number** | This column fills in automatically with whole numbers (no fractions).  ‘Updated planned sample number’ = ‘Number of enterprises’ \* ‘Updated planned sample rate (%)’ |
| **Achieved response number** | Enter the number of responses received. |
| **Response rate (%)** | Number of responses / Sample size  ‘Response rate (%)’ = (‘Achieved response number’ / ‘Updated planned sample number’) % |
| **Achieved coverage (%)** | ‘Achieved coverage (%)’ = (‘Achieved response number’ / ‘Number of enterprises’) % |
| **Updated planned sample rate/planned sample rate** | ‘Updated planned sample rate (%)’ / ‘Planned sample rate (%)’ |
| **AR comments** | Add comments to clarify any deviation from the work plan. |

### Text Box 7.1: Economic and social variables for fish processing data collection strategy

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| *General comment: This Box fulfils Article 5(2)(f), Article 6(3)(a), (b) and (c) of Regulation (EU) 2017/1004, and Chapter II point 7 of the EU MAP Delegated Decision annex. MS should provide justification for complementary data collection for fish processing.* |
| This text box is optional, since all information on the sampling schemes is available in the quality document (Annex 1.2). MS is invited to highlight additional information here on sampling schemes and sampling frames deemed necessary to understand the actual sampling design planned for the region and the implementation year(s).  *(max. 900 words)* |
| 1. Deviations from the work plan  List the changes from WP (if any) and explain the reasons.  2. Actions to avoid deviations.  Briefly describe the actions that will be considered / have been taken to avoid the deviations in the future and when these actions are expected to produce effect. If there are no deviations, then this section can be skipped.  *(max. 900 words)* |

## III: Quality reports enclosed in the work plans and the annual reports

## The work plans and the annual reports shall include annexes with quality reports. The templates of these annexes are listed below. White fields shall be filled in for the work plan, grey fields apply to the annual report.

## ‘ANNEX 1.1 - Quality report for biological data sampling scheme’

The quality report fulfils Article 6(3)(d) of Regulation (EU) 2017/1004. This document is intended to specify data to be collected under Chapter II point 2 of the EU MAP Delegated Decision annex: Biological data on exploited biological resources caught by Union commercial and recreational fisheries.Use this document to state whether documentation in the data collection process (design, sampling implementation, data capture, data storage, sample storage and data processing) exists and identify where this documentation can be found. Names of sampling schemes and strata shall be identical to those in Tables 2.2, 2.3, 2.4, 2.5, 2.6 and 4.1 of the WP/AR. In case of quality information on scientific surveys, use the survey acronym as a sampling scheme identifier. For mandatory surveys, refer to Table 1 of the EU MAP Implementing Decision annex, see also MasterCodeList ‘Mandatory survey at sea’.

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| **MS :** |
| **Region :** |
| **Sampling scheme identifier :** |
| **Sampling scheme type:** |
| **Observation type:** |
| **Time period of validity :** from when until when |
| Short description (max 100 words): *e.g. sampling scheme aiming at collecting length samples from commercial landings on-shore for all species listed in Table 1 of the EU MAP Delegated Decision annex*. *The scheme covers mainland and all outermost regions (‘RUP’ in French* *in French, Portuguese, and Spanish).* |
| **Description of the population** |
| **Population targeted**: Specify the primary sampling units (PSU), e.g. all national port\*days (information present in former Table 4B). For research surveys: specify the main target species from a survey perspective (as opposed to Table 1 in the Annex to the Implementing Decision) and the main survey area.    **Population sampled**: Specify which part of the target population will be sampled and specify which part of the target population is unreachable for sampling or excluded for some reason to explain, *e.g. major ports being listed as auctions excluding all minor ports and no sampling during the week-ends.* For research surveys at sea describe target species in single-species surveys or ecosystem component *(e.g. demersal, pelagic)* in multispecies surveys.    **Stratification**: Explain the logic taken to stratify the population and the number of strata generated, *e.g. population stratified in 3 geographical lots (from A to B, from B to C and from C to D). Each lot is then stratified by auction.* |
| **AR comment:** Indicate any deviations. |
| **Sampling design and protocols** |
| **Sampling design description:** Describe how the sampling allocation is defined; how PSU and SSU are selected for sampling; indicate for which catch fraction the sampling scheme applies.    **Is the sampling design compliant with the 4S principle?**: Y/N/NA (NA for e.g. surveys and diadromous and recreational sampling schemes)    **Regional coordination**: Indicate if the sampling design and protocols were developed as part of a regional or multi-lateral agreement, and if yes, refer to the agreement (table 1.3) and list all MS participating.    **Link to sampling design documentation**: Provide a link to a webpage where the documentation can be found. If no link is available, but documentation exists, provide a literature reference (author(s), year and type of publication - e.g. internal report). If no documentation on the sampling design exists, Member State shall provide some details in the textbox.    **Compliance with international recommendations**: Indicate ‘Y’ (yes) if the sampling design is in line with international recommendations, and ‘N’ if not. If no relevant expert or coordination groups exist, the sampling design should be shortly explained in the text, and should be available upon request for the evaluators.    **Link to sampling protocol documentation**: Provide a link to a webpage where the documentation can be found. If no link is available, but documentation exists, provide a literature reference (author(s), year and type of publication - e.g. internal report). If no documentation on the sampling design exists, provide details on the sampling protocol in this textbox. |
| **AR comment:** Indicate any deviations. |
| **Sampling implementation** |
| **Recording of refusal rate**: Indicate 'Y' (yes) or 'N' (no), or ‘NA’ (not applicable, in case of research surveys). If 'N' (no), indicate when (year) documentation will be available.    **Monitoring of sampling progress within the sampling year**: Indicate how sampling allocations are adjusted (if needed) and followed-up, what are the mechanisms in place to resolve issues and adopt mitigation measures during the sampling year? |
| **AR comment:** Indicate any deviations. |
| **Data capture** |
| **Means of data capture**: short description (+ photo optionally). Indicate what the means for collecting the data are, e.g. scales, measuring board, dedicated software, etc.    **Data capture documentation**: Provide a link to a webpage where the documentation can be found. If no link is available, but documentation exists, provide a literature reference (author(s), year and type of publication - e.g. internal report). If no documentation on data capture (e.g. measuring protocols, maturity staging, manual for the data capture means etc.) exists, provide some details in the textbox.    **Quality checks documentation**: Indicate 'Y' (yes) or 'N' (no). If 'N' (no), indicate when (year) documentation will be available. Provide a link to a webpage where the documentation can be found. If no link is available, but documentation exists, provide a literature reference (author(s), year and type of publication - e.g. internal report). If no documentation on the quality checks exists, provide some details in the text box. |
| **AR comment:** Indicate any deviations. |
| **Data storage** |
| **National database**: Provide the name of national database, if applicable. Otherwise, insert 'NA' (not applicable). Provide a link if the database is accessible through a website.    **International database**: Provide the name of international database(s) and the organisation hosting the database, if applicable. Otherwise, insert 'NA' (not applicable). Provide a link if the database is accessible through a website.    **Quality checks and data validation documentation**: Provide link to webpage where the documentation can be found. Otherwise, provide some details in the text box. |
| **AR comment:** Indicate any deviations. |
| **Sample storage** |
| Storage description: Indicate the type of soft tissues and hard parts stored (e.g. age structures, stomach, plankton, genetics) and the location used for samples storage; how long the samples are stored; how conservation and maintenance as well as access to samples are organised; whether the samples are stored under the auspices/responsibility of an international organization; if yes, which one. Provide a link to information on quantities of sampled stored by species/stock, geographic sub-area and by year.  Sample analysis: Provide a brief description or the references to documents, including link to webpages (e.g. age reading manuals, EGs reports and protocols) if adequate, where information on the processing of the samples is provided. |
| **AR comment:** Indicate any deviations. |
| **Data processing** |
| **Evaluation of data accuracy (bias and precision):** Indicate 'Y' (yes) or 'N' (no). If 'N' (no), indicate when (year) documentation will be available. Provide a link to a webpage where the documentation can be found. If no link is available, but documentation exists, provide a literature reference (author(s), year and type of publication - e.g. internal report). If no documentation on the evaluation of data accuracy exists, provide some details in the textbox.    **Editing and imputation methods:** Indicate with 'Y' (yes) or 'N' (no). If 'N' (no), indicate when (year) documentation will be available. Provide a link to a webpage where the documentation can be found. If no link is available, but documentation exists, provide a literature reference (author(s), year and type of publication - e.g. internal report). If no documentation on the editing and imputation methods exists, provide some details in the textbox.    **Quality document associated to a dataset**: Is there a publication digital object identifier (DOI) created? Is there a document summarising the estimation process followed?    **Validation of the final dataset**: How are datasets validated (quality checked) before providing to end-user? |
| **AR comment:** Indicate any deviations. |

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| **AR comment:** Use this text box for providing any additional comments if necessary. |

## ANNEX 1.2 - Quality Report for socioeconomic data sampling scheme

The quality report fulfils Article 6(3)(d) of the Regulation (EU) 2017/1004. This document is intended to specify data to be collected under chapter II point 3, 5, 6, and 7 of the Delegated Decision annex: Socioeconomic data on fisheries, aquaculture, and any complementary data collection of fishing activity and fish processing. Use this document to describe quality aspects of the data collection process (design, sampling implementation, data capture, data storage and data processing etc.). The annex should be filled for each sampling scheme. Where applicable, use the handbook on sampling design (Deliverable 2.1 from MARE/2016/22 SECFISH study).

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| **Survey specifications** |
| *Sector name refers to socio economic data on fisheries, aquaculture and any complementary data collection of fishing activity and processing as given in the EU MAP Delegated Decision annex.*  *Sampling scheme refers to survey technique: by census, by sampling, random or non-random, other (with explanation). If sampling then outline sampling design.*  *Variables**refer to Tables 7, 9 and 10 of the EU MAP Delegated Decision annex. Supra region refers to Table 2 of the EU MAP Implementing Decision annex. If the sampling scheme is the same in all supra regions put ‘All Supra regions’.* |
| **Sector name(s):** |
| **Sampling scheme:** |
| **Variables:** |
| **Supra region(s):** |
| **Survey planning** |
| Provide a short description of the population the sampling scheme applies to; e.g. ‘*less active vessels using passive gears*’. |
| **AR comment:** Indicate any deviations. |
| **Survey design and strategy** |
| List data sources; e.g. interviews, registers, log books, sales notes, VMS, financial accounts etc.  Describe how the sample sizes were determined.  Describe survey methods and distribution; e.g. questionnaire forms by post, by email, on website, by phone etc. access to other datasets etc.  Describe the role of auxiliary information, if any, in the strategy: e.g. for validation, cross referencing, fall back data source etc. |
| **AR comment:** Indicate any deviations. |
| **Estimation design** |
| Describe method of calculating population estimate from sample.  Describe method of calculating derived data: e.g. imputed values.  Describe treatment of nonresponse. |
| **AR comment:** Indicate any deviations. |
| **Error checks** |
| Describe potential errors and how and where in the process these are detected, avoided or eliminated e.g., data; duplication, double counting, respondent error, upload error, processing error etc. |
| **AR comment:** Indicate any deviations. |
| **Data storage and documentation** |
| Describe how the data is stored.  Provide link to webpage where additional methodological documentation can be found, if any. |
| **AR comment:** Indicate any deviations. |
| **Revision** |
| Describe the frequency of the methodology review e.g., revision of; segmentation, survey method per segment, per variable etc. |
| **AR comment:** Indicate any deviations. |
| **Confidentiality** |
| Are procedures for confidential data handling in place and documented?  Are protocols to enforce confidentiality between DCF partners in place and documented?  Are protocols to enforce confidentiality with external users in place and documented?  Are there any issues with publication of data due to confidentiality reasons? Provide an explanation. |
| **AR comment:** Indicate any deviations. |

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| **AR comment:** Use this text box for providing any additional comments, if necessary. |