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**Our Ref:** H.4/ACB/CP/RF/CK

22 June 2021

**Subject:** Data call for ICES advisory work related to the ICES Workshop on estimation of MOrtality of Marine MAMmals due to Bycatch (WKMOMA).

Dear Reader,

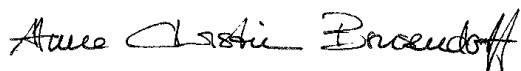
Please find enclosed a document describing the rationale, scope and technical details of the data call for the ICES Workshop on estimation of MOrtality of Marine MAMmals (WKMOMA) due to Bycatch. The data call includes three annexes with additional information.

ICES has received a special request for advice from OSPAR on estimation of mortality of marine mammals (common dolphin, harbour porpoise and grey seal) due to bycatch. The WKMOMA has been organized to carry out the necessary work ([ToRs](#)).

For countries which are also EU members this data call is under Council Regulation 812/2004, Commission Implementing Regulation (EU) 2020/967, Regulation (EU) 2019/1241 and the DCF regulation ((EC) No 2017/1004, Commission Decision 2016/1251/EU, and Commission Delegated Decision EU 2019/910).

For questions about the content of the data call, please contact: [advice@ices.dk](mailto:advice@ices.dk). For questions on data submission, please contact: [data.call@ices.dk](mailto:data.call@ices.dk).

Sincerely,



Anne Christine Brusendorff  
General Secretary

CC: Guðjón Már Sigurðsson (WKMOMA co-chair); Sara Köningson (WKMOMA co-chair); Dominic Pattinson (OSPAR), DG-Mare, Vedran Nikolic (DG-Environment), Darius Campbell (NEAFC).



**ICES**  
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# Data call 2021 in response to the OSPAR request to ICES for scientific advice on estimates of mortality of marine mammals

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## 1. Scope of the Data call

The requested data will be used by the Workshop on estimation of Mortality of Marine Mammals due to Bycatch (WKMOMA). It will constitute the basis to answer the OSPAR Request for advice on estimates of mortality of marine mammals (harbour porpoise *Phocoena phocoena*; common dolphin *Delphinus delphis*; grey seal *Halichoerus grypus*) due to bycatch within the OSPAR maritime area.

## 2. Rationale

ICES Member Countries with fisheries operating in the OSPAR area are requested to provide total fishing effort data (only for countries whose fishing effort data was not submitted to RDB; Iceland, Norway, Russia), bycatch monitoring effort data and bycatch incidents for the species included in Table 1. For robust calculations including error estimates, the data need to be provided for each bycatch event (i.e. per fishing haul), including the number of hauls where no bycatch was observed. The data will be used by WKMOMA to generate assessment unit and meter specific bycatch mortality estimates for each species and their associated confidence intervals.

**Note:** If no bycatch incidents are recorded in a given haul they should still be included in the number of observed hauls within the Bycatch\_monitor table (See Annex 2).

**Table 1.** Species relevant for the current data call.

Common name	Latin name
Harbour porpoise	<i>Phocoena phocoena</i>
Common dolphin	<i>Delphinus delphis</i>
Grey seal	<i>Halichoerus grypus</i>

## 3. Legal framework

All governments or intergovernmental commissions that request and receive advice from ICES, and all contracting parties to OSPAR have signed international agreements under UNCLOS 1995 Fish Stocks agreement articles 5 and 6, as well as WSSD 2002 article 30. By signing, they agree to incorporate the effect of fisheries on other components of marine ecosystems, and to implement an ecosystem approach to oceans policy that includes fisheries. These agreements also include an obligation to support assessments of the effects of fisheries on protected and endangered species, and on the environment ([UNCLOS art 61](#)).

For EU Member States this data call is under [Regulation \(EU\) 2019/1241](#), the DCF regulation (([EC](#)) No 2017/1004 and [Commission Decision 2016/1251/EU](#)), and in particular Article 17(3) of regulation (EC) No 2017/1004 which states that regarding "...requests made by end-users of scientific data in order to serve as a basis for advice to fisheries management, Member States shall ensure that relevant detailed and aggregated data are updated and made available to the relevant end-users of scientific data within the deadlines set in the request,..."

For non-EU states with fisheries operating in the OSPAR area, there is a requirement to make fisheries data available to support fisheries management under OSPAR, and UNCLOS.

These data are made available to facilitate the scientific basis for advice in support of marine policies. The present data call follows the same data policy on data use applied to RDB data, which governs decisions on who is given access and what they can do with the data; see [http://ices.dk/marine-data/Documents/Data\\_Policy\\_RDB.pdf](http://ices.dk/marine-data/Documents/Data_Policy_RDB.pdf).

This data call follows the principles of personal data protection as referred to in paragraph (9) of the preamble in Regulation (EU) 2017/1004.

## 4. Deadlines

ICES request that the data be delivered by the 7<sup>th</sup> of September of 2021, to provide enough time for additional quality assurance and data handling procedures before the upcoming WKMOMA at the end of September 2021.

**Data submitted after this date cannot be processed and will not be taken into account at the WKMOMA meeting.**

Table 2. Data submission deadline for WKMOMA and chair contact.

Expert Group	Chairs of the Workshop	Email Address	Data Submission Deadline
WKMOMA	Guðjón Már Sigurðsson & Sara Königson	<a href="mailto:guðjon.mar.sigurdsson@hafogvatn.is">guðjon.mar.sigurdsson@hafogvatn.is</a> ; <a href="mailto:sara.konigson@slu.se">sara.konigson@slu.se</a>	07.09.2021

## 5. Data to report

### 5.1 Geographic and temporal scope

The temporal scope of this data call is:

- 2015-2020 for fishing effort data for countries not submitting to the RDB
- 2005 – 2020 for at-sea monitoring/sampling data
- 2005 – 2020 for all recorded incidental bycatch records

The geographic scope of this data call covers the OSPAR Region (<https://vocab.ices.dk/>) on as detailed level as possible.

Please refer to Section 6 – Annex 1 for specific guidance on the data submission process, format, data fields, and definitions.

### 5.2 Data types

For all ICES Member Countries (except the U.S.A and Canada) data are requested on:

- *all fishing effort (for all gear types even if no at-sea monitoring has occurred in that gear type during the relevant period);*
- *all at-sea monitoring/sampling effort (for all gear types whether or not incidental bycatch has been recorded during the relevant time period);*
- *all recorded incidental bycatches of the species listed in Table 1 (data should be not raised (extrapolated)).*

## 6. Data submission

Data submissions should follow the procedure described in Annex 1 and must conform to the data structure outlined in Annex 2. To facilitate the submission of the data, ICES has developed an Excel template that is included as Annex 3 in this data call. Once the template has been filled in and has passed the Quality Control checks, you should take note of the link to our submission (see Annex 1, step 8). An email should be sent to [data.call@ices.dk](mailto:data.call@ices.dk) including the link to your submission. You will receive a confirmation email once the data are uploaded to the database.

## **7. Contact information**

For support concerning any issues about the data call content please contact the ICES Secretariat at [advice@ices.dk](mailto:advice@ices.dk) or the WKMOMA chairs (see Table 2 for contact details).

## **8. Electronic outputs**

Data on fishing effort, monitored/sampling effort, and bycatch of mammal species will be aggregated by ICES Division/Subdivision, Ecoregion, and OSPAR Areas as appropriate. These data will be shown in maps and tables within the WKMOMA report and in ICES Advice. Aggregated data will be visible and accessible in the [ICES Publications Library](#).

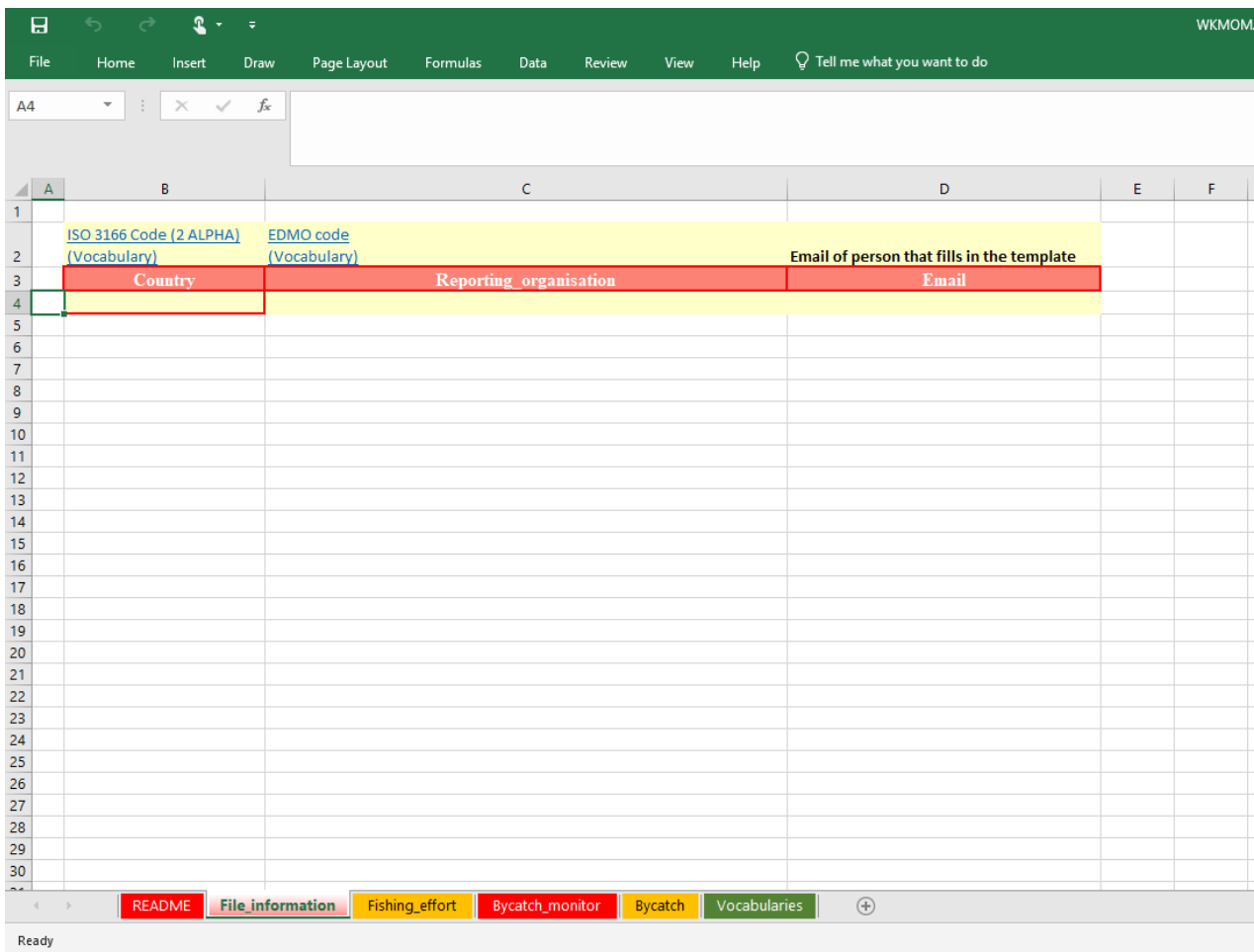
## Annex 1. Data submission procedure

In the data submission template provided as an annex to this data call (see Annex 3), there are four worksheet tabs (see Annex 2: Table 1 – File\_information, Table 2 – Fishing\_effort, Table 3 – Bycatch\_monitor, and Table 4 – Bycatch) that contain mandatory data elements (red columns). These require completion in order for data to be uploaded properly. Reporting of the non-mandatory data elements (green columns) is encouraged whenever available. The worksheets and their respective data entry fields are described in more detail in Annex 2 below. ICES Data Centre has broadened the list of vocabularies to support data entry into several fields.

Below are the brief step-by-step instructions for entering and uploading data.

**Step 1** is to download the template at [https://bycatch.ices.dk/upload/Bycatch\\_OSPAR\\_DataCall\\_template.zip](https://bycatch.ices.dk/upload/Bycatch_OSPAR_DataCall_template.zip) and to review the 'README' tab in the template.

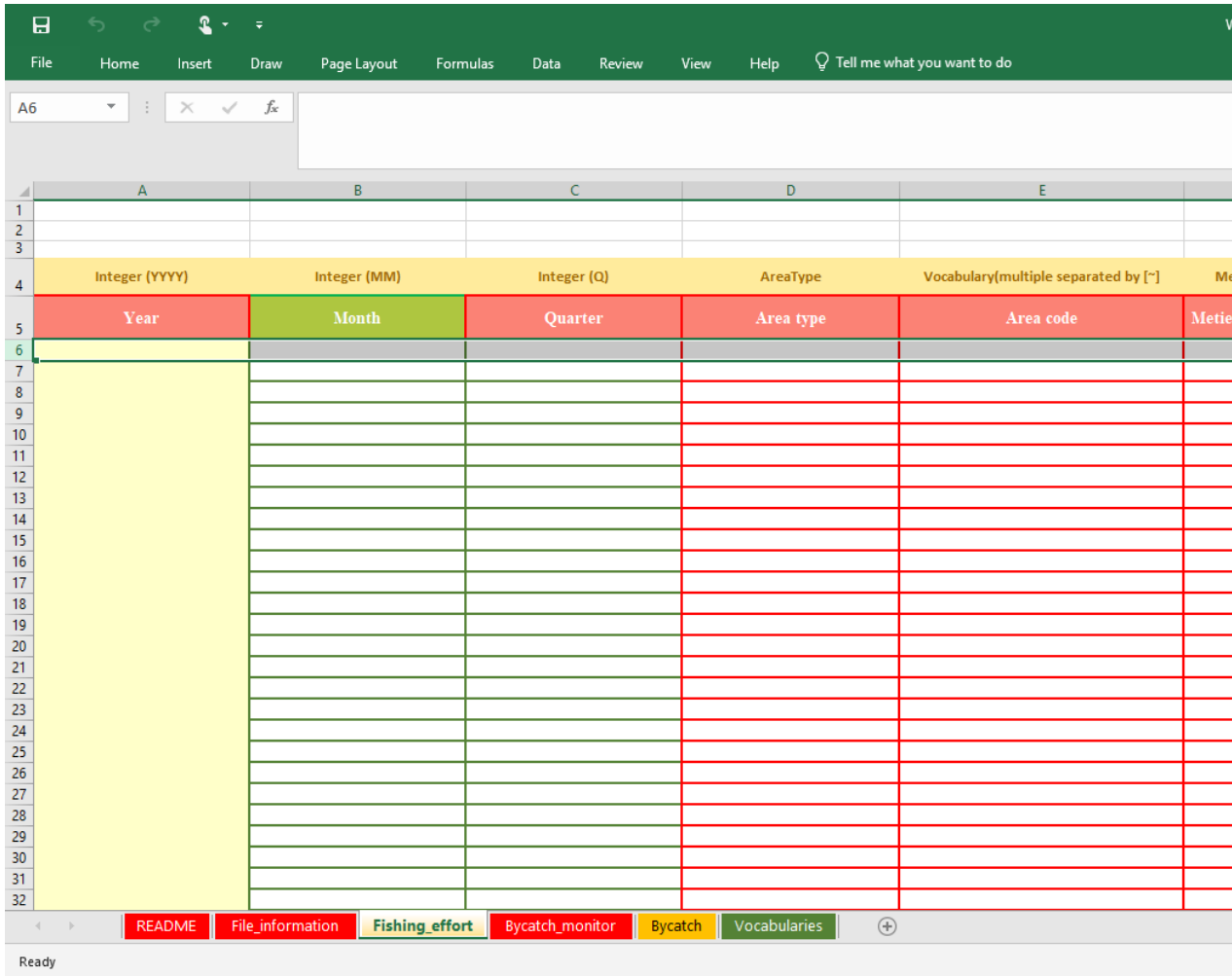
**Step 2.** Begin entering your data starting with the 'File\_Information' tab (Annex 2 – Table 1). **NOTE: you may choose to manually enter the data or cut and paste data from an electronic file. However, if you cut and paste, the values must match the values provided in the vocabularies/drop down lists. Otherwise, you are likely to receive error messages upon data upload.**



**Step 3.** Move on to the 'Fishing Effort' table (Annex 2 – Table 2). Then begin to populate the remaining columns and rows.

**Note:** The fields in red are mandatory and the ones in green are optional.

**Note:** This tab should be filled in only by those countries whose fishing\_effort data was not submitted to RDB for the period 2009-2020 (i.e. Iceland, Norway, Russia).



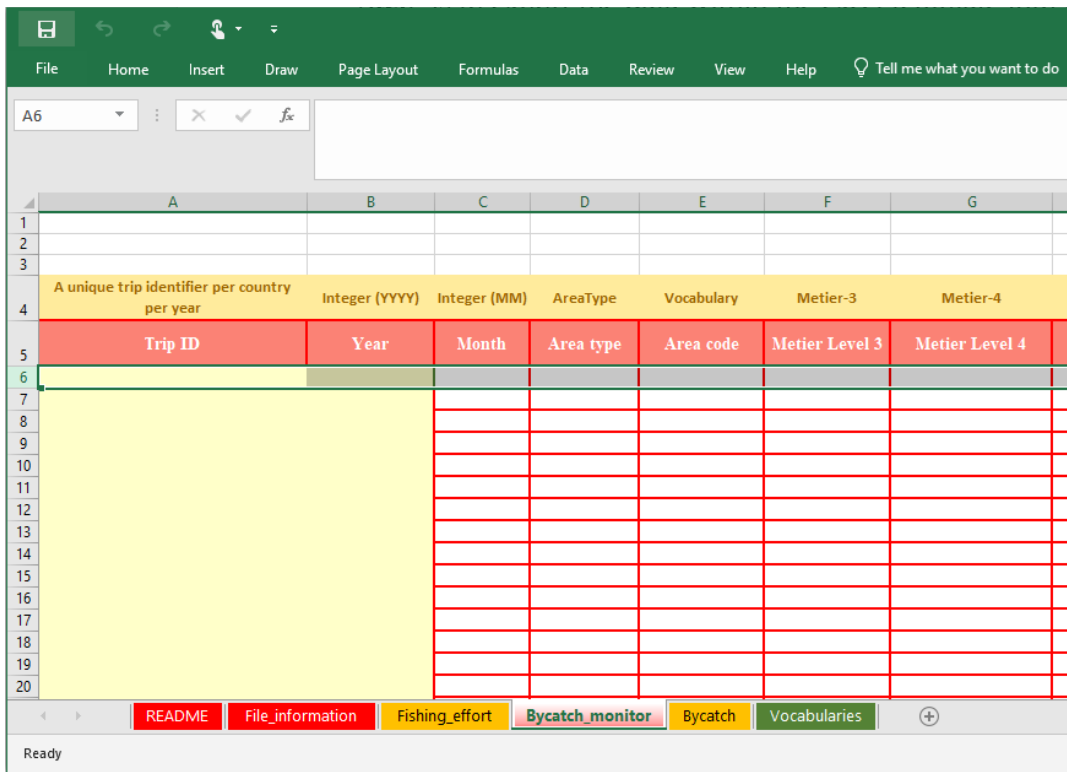
	A	B	C	D	E	
1						
2						
3						
4	Integer (YYYY)	Integer (MM)	Integer (Q)	AreaType	Vocabulary(multiple separated by ['-'])	Me
5	Year	Month	Quarter	Area type	Area code	Metie
6						
7						
8						
9						
10						
11						
12						
13						
14						
15						
16						
17						
18						
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32						

The screenshot shows an Excel spreadsheet with a ribbon at the top (File, Home, Insert, Draw, Page Layout, Formulas, Data, Review, View, Help) and a formula bar. The spreadsheet has columns A through E and rows 1 through 32. The table structure is as follows:

- Row 4: Headers for data types: Integer (YYYY), Integer (MM), Integer (Q), AreaType, Vocabulary(multiple separated by ['-']), Me.
- Row 5: Headers for data fields: Year (red), Month (green), Quarter (red), Area type (red), Area code (red), Metie (red).
- Row 6: Blank header row.
- Rows 7-32: Data rows. The 'Year' column (A) is highlighted in yellow. The 'Month' column (B) is highlighted in green. The 'Quarter' column (C) is highlighted in red. The 'Area type' column (D) is highlighted in red. The 'Area code' column (E) is highlighted in red. The 'Metie' column (F) is highlighted in red.

The bottom of the screenshot shows a taskbar with tabs: README, File\_information, Fishing\_effort (active), Bycatch\_monitor, Bycatch, and Vocabularies. The status bar at the bottom left says 'Ready'.

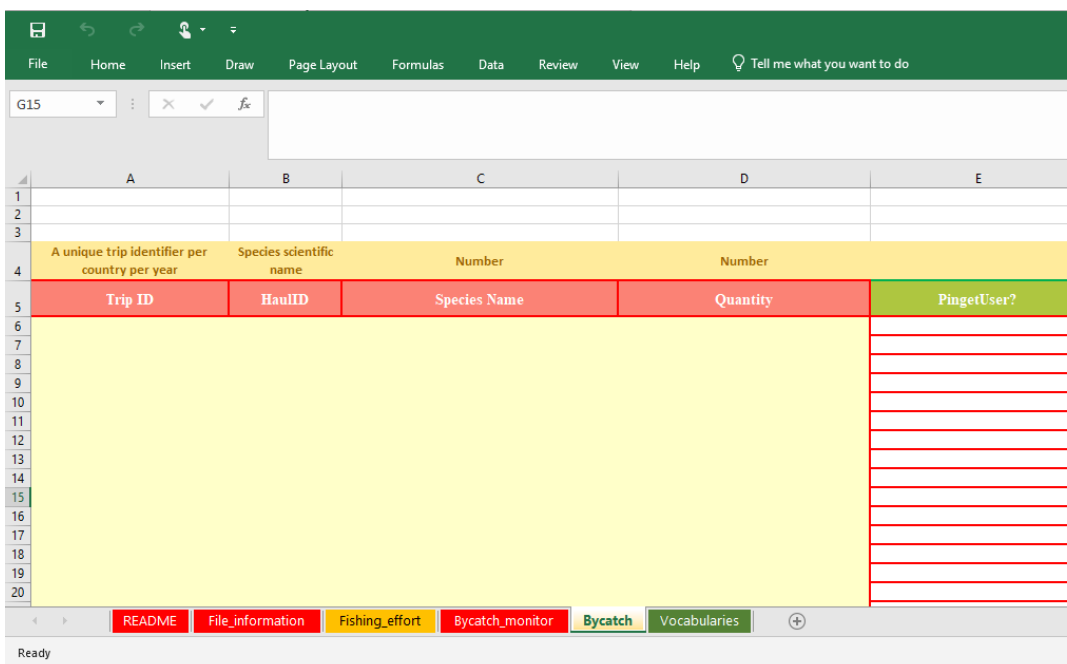
**Step 4.** After completing the Fishing\_effort table, move on to the next tab 'Bycatch\_monitor' (Annex 2 – Table 3).



The screenshot shows an Excel spreadsheet with the following table structure for the 'Bycatch\_monitor' tab:

	A	B	C	D	E	F	G
1							
2							
3							
4	A unique trip identifier per country per year	Integer (YYYY)	Integer (MM)	AreaType	Vocabulary	Metier-3	Metier-4
5	Trip ID	Year	Month	Area type	Area code	Metier Level 3	Metier Level 4
6							
7							
8							
9							
10							
11							
12							
13							
14							
15							
16							
17							
18							
19							
20							

**Step 5.** After completing the Bycatch\_monitor table, move on to the next tab 'Bycatch' (Annex 2 – Table 4). This tab is where observed bycaught individuals are entered and linked with the Bycatch monitored effort and the Fishing effort. Any Trip should be attributed a TripID and that TripID should correspond to a record within the Bycatch\_monitor table.



The screenshot shows an Excel spreadsheet with the following table structure for the 'Bycatch' tab:

	A	B	C	D	E
1					
2					
3					
4	A unique trip identifier per country per year	Species scientific name	Number	Number	
5	Trip ID	HaulID	Species Name	Quantity	PingedUser?
6					
7					
8					
9					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					



**Step 6.** Go back to the readme tab, export your data to XML file, and save the file locally in your computer.

### Bycatch OSPAR Data Call template

This Excel file converts data to an XML file that can be uploaded to the Bycatch database.

1) COPY YOUR DATA INTO THE TABLES

<b>File_information</b>	This table should be filled in
<b>Fishing_effort</b>	This table should be filled in for Norway, Iceland and Russia
<b>Bycatch_monitoring</b>	This table should be filled in
<b>Bycatch</b>	Fill in this table if you have observed bycatch events

All red outlined cells should be checked / filled in

Green cells should be filled in but are not mandatory

Export data to XML

**Step 7.** Click on the link provided here: <https://datsu.ices.dk> to access the data entry and select "screen a file". ICES SharePoint login credentials are required to login and can be requested at [data.call@ices.dk](mailto:data.call@ices.dk). Under "select Data set version" choose "BYCATCH monitoring data for OSPAR". Click "Choose File" and then **browse** to the directory where you saved your XML file and then click 'ScreenFile (send file to the queue)'.

## DATSU

DATSU > List of operations > List of previous sessions

<b>Name</b>	UploadFile()
<b>Description</b>	This API of the web service screen file for errors and warnings.
<b>Input</b>	FileName EmailAddress DataSetVerID: for example DATRAS=59, Biota,CF=22 FileByteStream: IO stream of file
<b>Output</b>	SessionID: Successfully (Screening report is available by using SessionID), if SessionID = 0 the it was not possible to screen the file, please contact <a href="mailto:accessions@ices.dk">accessions@ices.dk</a>
<b>Example</b>	Select file to be screened: <input type="button" value="Choose File"/> No file chosen Select Data set version: <input type="text" value="BYCATCH molting data for OSPAR"/> Enter e-mail: <input type="text"/> <input type="checkbox"/> Send an email when session finishes? (If you check this option, you will receive an email in your inbox when the session finishes) Note: By default DATSU will set the maximum ammount of error messages to 5000, it is possible to customize this, please contact <a href="mailto:accessions@ices.dk">accessions@ices.dk</a>

[Result Overview](#)

International Council for the Exploration of the Sea (ICES) · Conseil International pour l'Exploration de la Mer (CIEM)

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**Step 8.** A message will appear, with the summary of your data, and any possible error messages. If the file has no errors and therefore has passed the Quality Control, please send an email to [data.call@ices.dk](mailto:data.call@ices.dk) with the link to your submission (see an example of a link to be sent highlighted in yellow in the screen shot below). You will receive a confirmation email once the data are uploaded to the database.

Please use “WKMOMA DC [COUNTRY][LINK TO YOUR SUBMISISON]” as your email subject.

[datsu.ices.dk/web/ScreenResult.aspx?sessionId=300428&groupError=0](https://datsu.ices.dk/web/ScreenResult.aspx?sessionId=300428&groupError=0)

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Dataset Collections
Data Portals
Data Tools
Assessment Tools
Maps
Vocabularies
Guidelines and Policy

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DATSU

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DATSU > List of operations > Screen a file

**Result from the ICES DATa Screening Utility program for the following data:**

Country:	DK
Dataset:	BYCATCH monitoring data for OSPAR
FileName:	ByCatchOspartDatacall_submission.xml
Email:	xxxx@ices.dk
Monitoring Year:	2021
Submitting date:	15/06/2021 14:25:00
Time to screen:	0.32 minutes
Number of records in file:	91
Max. Errors to return:	3000

Number of records per record type:	
record: D1	1 Row(s)
record: D4	8 Row(s)
record: D5	81 Row(s)
record: FI	1 Row(s)

[Clean search](#)

If errors are found in your file, you can re-submit the data. If you have no success with your data upload, please contact ICES Data Centre ([data.call@ices.dk](mailto:data.call@ices.dk)). **Please note that data uploaded after the deadline (7<sup>th</sup> September 2021) will not be considered in the provision of ICES advice in response to the OSPAR special request.**

In case of questions about the template, reporting format, vocabulary codes, etc., please contact [data.call@ices.dk](mailto:data.call@ices.dk).

## Annex 2. Data submission format in detail

There are four tables (worksheets) in the Excel file template for submission, in addition to a README and a Vocabularies sheets. A summary of the data format can be found at; <http://datsu.ices.dk/web/selRep.aspx?Dataset=147>.

This Annex explains the type (character [char], numeric, or text) and meaning of each field, and whether the field is mandatory (M) or optional (O). Mandatory field headers are coloured red in the template tables and must be completed; optional field headers are green.

**Table 1. File Information Table.** This table follows the same format used for the WGBYC 2021 data call ([link](#)).

FIELD NAME	FIELD TYPE	OBLIGATION	DESCRIPTION	GUIDANCE
Country	Char	M	ISO 2-alpha country code	Use vocabulary link in template
Reporting_ organization	Char	M	EDMO code of the organization responsible for the data.	Use vocabulary link in template
E-mail	Char	M	E-mail address for the point of contact about the data.	Valid e-mail address

**Table 2. Fishing effort Table (for fishing effort)** . This table follows the same format used for the WGBYC 2021 data call ([link](#)). Total effort data are only requests for countries that have not submitted effort data to the ICES Regional DataBase (i.e. Iceland, Norway, Russia)

FIELD NAME	FIELD TYPE	OBLIGATION	DESCRIPTION	GUIDANCE
Year	Char	M	Four-digit year (e.g. 2015)	Enter the year when the data were collected.
Month	Integer	O	One or two-digit month (e.g. 1 for January)	Enter the month when the data were collected.
Quarter	Integer	M	Quarter 1-4	Enter the quarter when the data were collected.
Area type	Char	M	Area reference type	Please select ICES areas
Area code	Char	M	Area code, where the majority of days at sea during the observed trip were observed	Use code options from the look-up lists for each area type under the Tab "vocabulary".
Metier Level 3	Char	M	Generic gear group	Use vocabulary options provided in the template drop down list; if 'other' is selected, please provide explanation in the comment field.
Metier Level 4	Char	M	Gear type	Use vocabulary options provided in the template drop down list
Metier Level 5	Char	M	Target species group	Use vocabulary options provided in the template drop down list
Metier Level 6	Char	O	Mesh size and other selective devices	If applicable, briefly provide the mesh size ranges and other selective devices applicable for the metier, according to

FIELD NAME	FIELD TYPE	OBLIGATION	DESCRIPTION	GUIDANCE
				Appendix IV of the <a href="#">Commission Decision 2008/949/EC</a> See also <a href="https://vocab.ices.dk/?ref=1647">https://vocab.ices.dk/?ref=1647</a>
Vessel size range [m]	Char	M	The size range of vessel that was observed in metres	Use vocabulary options provided in the template drop down list.
Days at sea F	Float	M	Any continuous period of 24 hours (or part thereof) during which a vessel is present within an area and absent from port.	Indicate total days at sea (as defined by <a href="#">Implementing Decision (EU) 2016/1251</a> ) operating at Metier Level 5 (as defined in Appendix IV of the <a href="#">Commission Decision 2008/949/EC</a> )
Vessels F	Float	O	The total number of vessels	Indicate total number of vessels operating at Metier Level 5 according to Appendix IV of the <a href="#">Commission Decision 2008/949/EC</a>
Trips F	Float	M	The Total number of trips	Indicate total number trips operating at Metier Level 5 according to Appendix IV of the <a href="#">Commission Decision 2008/949/EC</a>
Total length of nets F [km]	Float	O	Total length of nets in kilometres (km)	Indicate total length of nets (km) deployed at Metier level reported according to Appendix IV of the <a href="#">Commission Decision 2008/949/EC</a>
Total kms*hour F	Float	O	Total soak time of nets in kilometres times hour (km*h) (this information is intended for fixed gears).	Indicate total soak time (km*h) fished at Metier level reported according to Appendix IV of the <a href="#">Commission Decision 2008/949/EC</a>
No. of hauls F	Float	M	Total number of hauls fished	Total number of hauls (aka tows or sets) fished at Metier level reported
Total to wing time F	Float	O	Total time tow deployed for fishing in hours (h) (this information is intended for mobile gears)	Total tow time fished (h) at the Metier level reported.

**Table 3. Bycatch Monitoring Effort Table (“Bycatch\_monitor” table)**

FIELD NAME	FIELD TYPE	OBLIGATION	DESCRIPTION	GUIDANCE
Trip ID	Char	M	A unique identifier for each monitored/sampled trip.	A unique numeric identifier for each monitored/sampled fishing trip as defined in Chapter 1 of the <a href="#">Commission Decision 2008/949/EC</a> .
Year	Integer	M	Four-digit year (e.g. 2015)	Enter the year when the data were collected.
Month	Integer	M	One or two digit month (e.g 1 for January)	Enter the month when the data were collected.
Area type	Char	M	Area reference type	Specify which area reference codes you are using: ICES areas, GFSM GSAs, NAFO areas. See <a href="https://vocab.ices.dk/?ref=1446">https://vocab.ices.dk/?ref=1446</a>
Area code	Char	M	Area code, where the majority of days at sea during	Use code options from the look-up lists for each area type under the Tab “vocabularies”.

FIELD NAME	FIELD TYPE	OBLIGATION	DESCRIPTION	GUIDANCE
			the observed trip were observed	
ICES rectangle	Char	M	ICES statistical rectangles provide a grid covering the area between 36°N and 85°30'N and 44°W and 68°30'E.	See <a href="https://vocab.ices.dk/?ref=107">https://vocab.ices.dk/?ref=107</a> for further guidance
Metier Level 3	Char	M	Generic gear group	Use vocabulary options provided in the template drop down list; if 'other' is selected, please provide explanation in the comment field.
Metier Level 4	Char	M	Gear type	Use vocabulary options provided in the template drop down list
Metier Level 5	Char	M	Target species group	Use vocabulary options provided in the template drop down list
Metier Level 6	Char	O	Mesh size and other selective devices	Provide the mesh size ranges and other selective devices applicable for the métier, according to Appendix IV of the <a href="#">Commission Decision 2008/949/EC</a>
Vessel size range [m]	Char	M	The size range of vessel that was observed in metres	Use vocabulary options provided in the template drop down list.
Monitoring program type	Char	M	Name of data collection program under which the data were collected.	Use vocabulary options provided in the template drop down list; if 'other' is selected please provide explanation in the comments field. You can check the vocabulary here: <a href="http://vocab.ices.dk/?ref=1500">http://vocab.ices.dk/?ref=1500</a>
Sampling protocol	Char	M	The target species/taxa of the bycatch monitoring program	Use vocabulary options provided in the template drop down list. For example, 'marine mammals' implies the observers main role was to monitor the gear for interactions with marine mammals;  You can check the vocabulary here: <a href="http://vocab.ices.dk/?ref=1501">http://vocab.ices.dk/?ref=1501</a>
Monitoring method	Char	M	Type of monitoring method used to collect the data	Use vocabulary options provided in the template drop down list. For example, "At sea observer" means that the data were collected visually by an observer onboard the vessel. A new option "self sampling/reporting" has been added to the vocabulary to allow indication of data collection systems where data/samples are provided directly by industry.
Fishery target species	Char	O	Name of the main target species. Minimum specification – taxonomic group or common name;	If more than one species, separate scientific names by '~' e.g. <i>Sprattus sprattus</i> ~ <i>Clupea harengus</i>

FIELD NAME	FIELD TYPE	OBLIGATION	DESCRIPTION	GUIDANCE
			Maximum specification – scientific name of the species.	
Total Days at sea during trip	Integer	M	Total number of days at sea (any continuous period of 24 hours (or part thereof) during which an observer is aboard a vessel present within an area and absent from port).	Indicate total days at sea during the trip when an observer was onboard the trip. (Days at sea as defined by <a href="#">Implementing Decision (EU) 2016/1251</a> ) operating at Métier Level 6 (as defined in Appendix IV of the <a href="#">Commission Decision 2008/949/EC</a> ).
Total Hauls During trip	Integer	M	Total number of hauls conducted during the trip.	Total number of hauls during trip. If all hauls are not observed and the observers has no record of total of hauls during trip, indicate NA  A haul is defined as a separated fishing operation were a string of nets or a trawl have been hauled and emptied on fish.
No. of hauls Observed	Float	M	Total number of hauls observed during the trip.	
No. of hauls observed with pingers.	Float	O	Total number of hauls observed during the trip where pingers were used.	

**Table 4. Bycatch table. This table needs to be filled in for each observed haul. A haul is defined as a separated fishing operation were a string of nets or a trawl have been hauled and emptied on fish.**

FIELD NAME	FIELD TYPE	OBLIGATION	DESCRIPTION	GUIDANCE
Trip ID	Char	M	A unique identifier for each monitored/sampled trip.	Provide a unique numeric identifier for each monitored/sampled fishing trip as defined in Chapter 1 of the <a href="#">Commission Decision 2008/949/EC</a> . <u>This Trip ID should be the same as the relevant Trip ID in the Bycatch Monitoring Effort Table</u>
Haul ID	Char	M	A unique identifier for each haul/fishing operation with positive bycatch records	Provide a unique numeric identifier for each monitored haul/fishing operation with positive by catch records
SpeciesName	Char	M	Name of species caught incidentally (grey seal, common dolphin or harbor porpoise). Minimum specification – taxonomic group or common name; Maximum specification – scientific name of the species.	Use WoRMS to verify the valid species name <a href="http://www.marinespecies.org/">http://www.marinespecies.org/</a>  Use separate rows if multiple species were recorded in the same haul/fishing operation
Quantity	Integer	M	Total number of observed specimens incidentally caught in that haul	Number of live and dead specimens of that species caught in that haul
Pinger User?	Char	O	Yes if pingers were used on the gear or No if no pingers were used Leave	Indicate if the observed gear was equipped with or without pingers. If no information on pingers leave blank.

			blank if there is no information on pinger use.	
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### **Annex 3. Data submission template**

The data submission template is available at this link:

[https://bycatch.ices.dk/upload/WGBYC OSPARDataCall\\_template.xlsm](https://bycatch.ices.dk/upload/WGBYC OSPARDataCall_template.xlsm)