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11 January 2022

Subject: Data call for ICES selected stocks under WGBAST 2022

Dear Reader,

Please find enclosed a document describing the rationale, scope and technical details of the data call to support ICES advice on fishing opportunities for salmon and sea trout in the Baltic Sea.

This data call is under Council Regulation (EU) No 1380/2013 on the Common Fisheries Policy and DCF Regulation ((EU) No 2017/1004 and Commission Decision 2016/1251/EU).

For questions about the content of the data call, please contact: Advice@ices.dk.
For questions on data submission, please contact: data.call@ices.dk.

Sincerely,



Lotte Worsøe Clausen
Head of Advisory Support

CC: Martin Kesler (Chair of WGBAST); DG-Mare (EC); K.V.Kolonchin (VNIRO director); O.A. Bulatov (VNIRO delegate to ICES).



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CIEM

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Data call: Data submission for ICES selected stocks under Baltic Salmon and Trout Assessment Working Group (WGBAST) 2022

1. Scope of the Data call

ICES Member Countries are requested to provide for Baltic Sea salmon and sea trout:

- data on landings and effort from commercial sea fisheries in 2021, and also in the last quarter of 2020 if not provided earlier.
- data on Below Minimum Size (BMS) landings, discards, fish released back alive and river catches from commercial fisheries in 2021, and also in the last quarter of 2020 if not provided earlier.
- data on landings and fish released back alive from recreational sea and river fisheries in 2021.
- data on releases of smolt and parr in 2021.

All countries having catch or landings data on these stocks should submit data, even if not listed on Appendix 3. The countries listed were identified based on previous year catches and therefore new fisheries (in 2021) are not detected but should also be reported.

2. Rationale

The requested data will be used by the Baltic Salmon and Trout Assessment Working Group (WGBAST), which is involved in the provision of ICES advice on fishing opportunities for salmon and sea trout in the Baltic Sea.

3. Legal framework

All the governments and intergovernmental commissions requesting and receiving advice from ICES have signed international agreements under UNCLOS 1995* Fish Stocks agreement article 5 and 6 (to incorporate fisheries impacts on other components of marine ecosystems) and WSSD 2002 article 30 (to implement an ecosystem approach in relation to oceans policy including fisheries).

For EU Member States, this Data call is under Council Regulation (EU) No 1380/2013 on the Common Fisheries Policy, DCF Regulation ((EC) No 2017/1004, and Commission Decision 2016/1251/EU). In particular Article 17(3) of regulation (EC) No 2017/1004 states “..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

* United Nations (UN). 2011. Agreement related to the Conservation and Management of Straddling Fish Stocks and Highly Migratory Fish Stocks. Available at: <https://documents-dds-ny.un.org/doc/UNDOC/GEN/N95/274/67/PDF/N9527467.pdf?OpenElement>

set in the request,..” Please note that the absence of DCF/EU MAP activity should not exempt countries from reporting.

This Data call follows the principles of personal data protection, as referred to in paragraph (9) of the preamble in Council Regulation (EC) No 2017/1004.

4. Deadlines

ICES requests the data to be delivered by the 10th February 2022 to provide enough time for additional quality assurance prior to launching of assessment model runs and the working group meeting.

5. Data to report

5.1 Geographic and temporal scope

Data on commercial landings and effort should be reported by ICES Subdivision (22-32), year, and month. Note that data for the last quarter 2021 (October-December) will not be used for the 2022 assessment, and therefore does not need to be submitted this time (but may still be submitted, if available). Other data types requested should be reported on a yearly basis only. The geographical scope for salmon and trout is the Baltic Sea subdivisions 22-32 (Table 1 and see Appendix 3 and 4 for details).

Table1: List of stocks

Common name	FAO Code	Scientific name	Stock code	Description
Salmon	SAL	<i>Salmo salar</i>	sal.27.22-31	Salmon (<i>Salmo salar</i>) in subdivisions 22-31 (Baltic Sea, excluding the Gulf of Finland)
Salmon	SAL	<i>Salmo salar</i>	sal.27.32	Salmon (<i>Salmo salar</i>) in Subdivision 32 (Gulf of Finland)
Sea trout	TRS	<i>Salmo trutta</i>	trs.27.22-32	Sea trout (<i>Salmo trutta</i>) in subdivisions 22-32 (Baltic Sea)

5.2 Data types

Commercial fisheries, 2021 (to be uploaded to InterCatch)

- Commercial landings (in number and tonnes) by gear, subdivision and month (see Appendix 1 for list of commercial gear groups with abbreviations). Species Data (SD) for landing numbers and mean weight should be submitted for all age groups combined (code as age=0; see Annex 2) Ensure that codes and metier/fleet-definitions are exactly the same as described in Appendices 1-4.
- Effort corresponding to commercial landings (see Appendix 2 for effort units to be used for commercial gears) by gear, subdivision and month. Note that for gears catching both salmon and sea trout, the same total effort should be given for both species (see Table 2).

Table 2: Example on how to report effort for gears catching both salmon and trout.

In this hypothetical case, 4500 salmon individuals and 50 sea trout individuals were landed following long-lining using a total effort of 50 000 hook days. The below example is for guidance in filling in data in the InterCatch Header Information record and Species Information record (see Annex 3 for an overview of the InterCatch exchange format).

Country	SD	Year	Month	Gear	Species	Catch in number	Catch in weight	Unit of effort	Effort
NN	25	20xx	2	LLD_O	SAL	4500	27	hd	50 000
NN	25	20xx	2	LLD_O	TRS	50	0.2	hd	50 000

Commercial fisheries 2021, to be sent via data.call@ices.dk

- BMS landings (in number and tonnes) by gear, subdivision and year.
- Seal damaged fish (in number) by gear, subdivision, fishing area (see section 6.3), and year.
- Other discards (in number) by gear, subdivision, fishing area (see section 6.3), and year.
- Fish released back alive (in number) by gear, Subdivision, fishing area (see section 6.3), and year.

Data should follow the format outlined in Annex 1.

Recreational fisheries 2021, to be sent via data.call@ices.dk

- Recreational landings (in number and tonnes) by gear, subdivision and year (all months together, including the last quarter).
- Fish released back alive (in number) by gear, subdivision, fishing area (see section 6.3), and year.
- Fish released back alive (in number) by gear, subdivision, fishing area (see section 6.3), and year.

Data should follow the format outlined in Annex 1. For all data types listed above (both commercial and recreational), notes on how the information has been obtained (by logbook=LOG, by observers=OBS, estimated analytically =EST, expert evaluation=EXV) should be provided. For data to be submitted through InterCatch this should be noted within the field 23 "InfoStockCoordinator" of data type SI in the InterCatch exchange format. For data submitted through data.call@ices.dk this should be noted in a separate column (W_TYPE and N_TYPE; see Annex 1).

Releases of smolt and parr 2021, to be sent via data.call@ices.dk

- Number of young fish by country, species, year, subdivision, Assessment unit (AU[†]), river and age

[†] For a description of the relevant AU, Assessment Units, see Figure A.1.1.1. from the stock annex; https://www.ices.dk/sites/pub/Publication%20Reports/Stock%20Annexes/2021/sal-2431+sal-32_SA.pdf

Data should follow the format outlined in Annex 2. It is recommended to provide data on releases of young salmon by river; however, if this is not possible to be compiled from the national release statistics, the data can also be provided by AU[†]. Data on releases of young sea trout can be provided by subdivision if not available/applicable by river.

6. Data submission

Data on commercial landings and effort should be submitted to InterCatch. All other fisheries data should be submitted via email to data.call@ices.dk using the templates in Annex 1 and in Annex 2. The templates contains descriptions of codes to be used with some examples.

6.1 Reporting to Intercatch

The InterCatch formatted national data should be uploaded into InterCatch, which is available at this link: <https://intercatch.ices.dk/Login.aspx>.

Please see the 'InterCatch Exchange Manuals' on the ICES website for information on the required exchange format and used codes at <http://ices.dk/data/data-portals/Pages/InterCatch.aspx>.

An overview of the data fields used in the InterCatch exchange format are detailed in Annex 3.

6.1.1. Data conversion to InterCatch format

A description of the InterCatch Exchange format is found in the InterCatch User Manual[†]. An overview of the fields in the InterCatch commercial landings and effort format is found in the Intercatch Format overview[§], where valid codes are also listed.

6.2 Reporting to other destinations

Files for data.call@ices.dk should be submitted in as few e-mails as possible. Both email subject and file name must include data call year, working group, stock, and country references. The file name must also include data type and fishing year references as specified below.

"20XX DC [expert group] [country] [data type] [fishing year]" (example: 2022 DC WGBAST FI seal_damaged 2021)

6.3 Fisheries

As specified in Appendix 1, gears used for salmon and sea trout should be divided with respect to fishing area in sea (O=Open sea, C=Coastal) or fresh water (R=River). The division between coastal and open sea fisheries may, for example, be based on gear type used,

[†]<http://ices.dk/data/Documents/Intercatch/InterCatch%20User%20Manual.pdf>

[§] <http://dome.ices.dk/datsu/selRep.aspx?Dataset=76>

distance to the shore line, and/or fishing vessel length. In order to provide this information, submitters may need to contact national experts participating in WGBAST (see contact details in Appendix 5). All fisheries in river estuaries (i.e. in fresh water, according to national authorities) should be reported as R (River).

7. Contact information

For support concerning details on data deliveries, contact WGBAST chair Martin Kesler (martin.kesler@ut.ee) and WGBAST expert Tapani Pakarinen (tapani.pakarinen@luke.fi).

For support concerning any data call issues about the data call please contact the Advisory Department (Advice@ices.dk).

For support concerning InterCatch submissions please contact: InterCatchSupport@ices.dk.

For support concerning other data-submission issues, please contact: data.call@ices.dk.

Appendix 1. Gear coding as defined under the DCF.

Subdivision	Gear type	Available fleet/métier tags*
All (27.3.c.22- 27.3.c.32)	Gill nets (anchored)	GNS_O GNS_C GNS_R
	Trapnets	FYK_C FYK_R
	Long-lines	LLD_O LLD_C
	All other gears	MIS_O MIS_C MIS_R
	All** (All the fleets that capture the target species)	All

* NOTE: Second part of code is used to distinguish location of fishing: O (**Open sea**), C (**Coastal**) and R (**River**); see section 6.3 for further information.

** To be used only if data are not informative enough to be split between strata

Appendix 2. Effort coding to be used.

The unit of effort is gear day i.e. the total number of hook days, fyke net days, or net days spent in order to attain the catch concerned. Sum up from the individual log book observations. Note that for long-line (LLD) and gillnet (GNS) one soak is counted as one fishing day, independent of the duration of the soak in hours. For trapnet (FYK) use the number of fishing days between two adjacent checks of an individual fisher.

Code	Gear	Description
hd	Long-lines	Hook days (number of hooks multiplied by number of days)
gd	Fyke nets	Gear days (number of traps multiplied by number of days)
nd	Gill nets (anchored)	Net days (number of nets multiplied by number of days)

Appendix 3. Country coding

(as used currently by InterCatch <https://vocab.ices.dk/?ref=254>)

Country Code	Country
DE	Germany
DK	Denmark
EE	Estonia
FI	Finland
LT	Lithuania
LV	Latvia
PL	Poland
RU	Russia
SE	Sweden

Appendix 4. Area type coding

(as used currently by InterCatch <https://vocab.ices.dk/?ref=279>)

Area codes	Description	Area type code
27.3.c.22	Belt sea	SubDiv
27.3.c.23	Sound	SubDiv
27.3.c.24	Baltic West of Bornholm	SubDiv
27.3.c.25	Southern Central Baltic - West	SubDiv
27.3.c.26	Southern Central Baltic - East	SubDiv
27.3.c.27	West of Gotland	SubDiv
27.3.c.28	East of Gotland or Gulf of Riga	SubDiv
27.3.c.29	Archipelago Sea	SubDiv
27.3.c.30	Bothnian Sea	SubDiv
27.3.c.31	Bothnian Bay	SubDiv
27.3.c.32	Gulf of Finland	SubDiv

Appendix 5. Contact details for WGBAST national experts

Country	Name	Email
Denmark, DK	Hans Jakob Olesen; Stig Pedersen	hjo@aqua.dtu.dk; sp@aqua.dtu.dk
Sweden, SE	Anders Kagervall; Susanne Tärnlund	anders.kagervall@slu.se; susanne.tarnlund@slu.se
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