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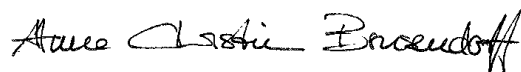
Subject - Data call 2020: Landings, discards, biological sample and effort data from 2019 testing the RDBES system for future support of the ICES fisheries advices and RCGs.

Please find enclosed a document describing the rationale, scope and technical details of the data call for 2020 for a test of the RDBES and estimations for selected stocks.

The data will be used by WKRDBES-RAISE&TAF, where experts from national laboratories will replicate the estimations, which are done at the national laboratories. The data may also be accessed by Regional Coordination Groups Baltic, NA and NS&EA and relevant ICES expert groups according to the RDBES data policy. The data will not be used for stock assessment or advice; the data will only be used for testing and development of scripts, to prepare for data deliveries to ICES stock assessment and RCG coordination using RDBES.

For questions regarding choosing the right hierarchy or how to structure data in the hierarchy, please contact: <https://github.com/ices-tools-dev/RDBES/issues> where answers will be given. If the requester does not have a GitHub account please contact RDBsupport@ices.dk. For support concerning RDBES issues please contact: RDBsupport@ices.dk.

Sincerely,



Anne Christine Brusendorff

General Secretary

CC: Maria Hansson and Elo Rasmann (RCG Baltic co-chairs); Els Torreele and Lucia Zarauz (RCG NA NS & EA co-chairs); Sieto Verver (RCG LDF chair); Pedro Lino and Mathieu Depetris (RCG LP co-chairs); DG-MARE (EC); Oleg A. Bulatov (Russian delegate to ICES).

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Data Call 2020 Fisheries data for RDBES

1 Scope of the Data call

ICES Member Countries are requested to provide the following data for selected ICES fish stocks for year 2019:

- Aggregated commercial statistics for: Landing, Below Minimum Size (BMS), Logbook Registered Discard and aggregated statistics Effort data
- Detailed biological sample data

A list of the 11 stocks included in the data call are provided in Appendix I. Although it is only mandatory to upload data for the selected stocks, countries are also encouraged to upload 2019 data for all other species (including incidental by-catch) found in the sampling plans that covered the selected stocks.

2 Rationale

This is the first data call for data to be uploaded into the Regional DataBase and Estimation System, RDBES. The data uploaded for this data call will be used for testing purposes by the WKRDBES-RAISE&TAF, where experts from national laboratories will replicate the estimations, which are done at the national laboratories. This testing phase will also include the setting of additional workshops in the future, which also will have access to the data. Regional Coordination Groups, RCG, and ICES expert groups, EG, will have access to data according to the RDBES data policy. The data received will not be used for stock assessment or advice, the data will be used for test and development of scripts, to prepare for application by future ICES stock assessment and RCG coordination.

To assist in fulfilling this data call a second Workshop on Populating the RDBES data model (WKRDB-POP2) will be held as a web meeting from 2nd - 5th June 2020. Data submitters are **strongly encouraged** to attend this.

ICES aims to deliver a fully operational ICES Regional Database (RDBES) with a regional estimation system such that statistical estimates for stock assessment can be produced from detailed national sample data in a transparent manner by 2022. Future RDBES data calls will be issued in 2021 and onwards. The aim of those data calls is that the data submitted will be used by RCGs and ICES stock assessment Working Groups to improve the data quality and transparency for the RCG and ICES work. The RCGs for the different regions have the task of coordinating the data collection activities in their respective regions. The ICES stock assessment WGs have the task of delivering assessments of the stocks.

3 Legal framework

For EU Member States this data call is under the DCF Regulation ((EC) No 2017/1004, and in particular, Article 17(4) which states: "In the case of requests other than those referred to in paragraph 3, Member States shall ensure that the relevant data are updated and made available to the relevant end-users of scientific data and other interested parties within a reasonable period of time. Within **2 months** from the date of receipt of the request, the Member States shall inform the requesting party of the duration of such time, which shall be proportionate to the scope of the request, and of the possible need of additional processing of the data requested."

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

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 Deadline

The data submission deadline is the 30th September 2020.

5 Data to report

5.1 Geographic and temporal scope

ICES Member Countries are requested to supply data from year 2019 from the Northeast Atlantic, FAO area 27.

5.2 Data types

The fisheries data to submit are:

- Aggregated commercial statistics for: Landing, Below Minimum Size (BMS), Logbook Registered Discard (RegDis) in the record type CL (Commercial Landing);
- aggregated statistical Effort in the record type CE (Commercial Effort);
- the sample species list in the record type SL (Species List);
- the vessel details in the record type VD (Vessel Detail);
- detailed biological sample data (including discard) from at sea and on-shore commercial sampling programs in a combination of several record types - a hierarchy of record types under CS (Commercial Samplings), and other supporting information;
- for stocks identified in Appendix I

Vessel details and anonymization: It must NOT be possible to identify the real vessel from the vessel details uploaded. Before the data are uploaded, the national institute will anonymise the vessel identifier and use that in the encrypted vessel identifier field for the uploaded data. A reference to this vessel identifier can then be used in sample data when later uploading that. The national institute should be able to map the nationally anonymised id to the vessel on their national vessel list to make sure data re-uploads are correct.

The hierarchy, which matches the way that the data that have been collected is selected, and the national data are formatted according to the format of that hierarchy. Each hierarchy represents a combination of record types. Therefore, a hierarchy determines which record types and in what order the record types are.

The fisheries data is related to or to some degree similar to data submitted to the RDB for the RCGs. The major differences are shortly described in the following (which all are imported in separate files):

- CL: Extra fields are added, however it is the same level of aggregation. Others fields have been changed a little, now it supports the Landing obligations
- CE: Extra fields are added, however it is the same level of aggregation. Others fields have been changed a little, now it should supports the FDI data call
- CS: The CS data format has changed significantly from that in the RDB – it is **strongly advised** that countries thoroughly read and understand the RDBES Data Model documentation¹ and participate in the **WKRDB-POP2 web workshop** 2nd – 5th June 2020 to ensure they know how to format their data
- Vessel Details are now split out from RDB Trip (TR) table. Now the vessel information is in a separate table Vessel Details (VD) and used for reference
- Species List are now split out from RDB Species List (SL) table. Now the new Species List has different fields and no weight and length, and it is used for reference and have the same name Species List (SL)

6 Data submission

6.1 Reporting to the Regional DataBase and Estimation System, RDBES

The RDBES-formatted national data should be uploaded into RDBES, which is available at this link: <https://sboxRDBES.ices.dk/>

Please see the 'RDBES Documentation of Data Model' for different combinations of data record types/tables called hierarchies. See the 'RDBES Data Model' for the exact data fields in the record type/table for the selected hierarchy. The documents are on the ICES GitHub for information on the required exchange format and used codes at: <https://github.com/ices-tools-dev/RDBES/tree/master/Documents>

6.2 Use of Species List for sampling

The Species List (SL) for the species which are sampled have to be uploaded in a separate file before uploading sample data. The sample data refer to the species list (SL) instead of uploading a species list every time before the sample data. For more details, see the documents referred to in the section 6.1

6.3 Use of Vessel Details

The Vessel Details (VD) for the vessels which are sampled have to be uploaded in a separate file before uploading sample data,. The sample data refer to the vessels (VD) instead of uploading the vessel details each time before the sample data. For more details, see the documents referred to in the section 6.1

6.4 Code lists

The code lists are mainly the same as the code lists used for the RDB. All the codes for the fields in the record types can be found at ICES Vocabulary: <https://vocab.ices.dk>

6.5 Areas and species codes for the 11 stocks

In 'Appendix II Areas and species per stock' show and overview of the species and areas for the 11 stocks. The species codes are WoRMS AphiaId (6-digit number). The areas the stocks covers are also shown in Appendix II Areas and species per stock.

¹ <https://github.com/ices-tools-dev/RDBES/tree/master/Documents>

7 Contact information

For support concerning choosing the right hierarchy or how to structure data in the hierarchy, please contact: <https://github.com/ices-tools-dev/RDBES/issues> where answers will be given. If the requester does not have a GitHub account please contact RDBsupport@ices.dk.

The RDBES Development Support Core Group will answer the questions here.

For support concerning issues regarding submission of the data file to the RDBES please contact: RDBsupport@ices.dk.

8 Appendix I Stocks

The following is a list of the stocks requested to submit data for. Countries are encouraged to submit data for all other ICES stocks as well.

Stock code	Stock description	RCG
spr.27.22-32	Sprat (<i>Sprattus sprattus</i>) in subdivisions 22-32 (Baltic Sea)	Baltic
cod.27.21	Cod (<i>Gadus morhua</i>) in Subdivision 21 (Kattegat)	NSEA
whb.27.1-91214	Blue whiting (<i>Micromesistius poutassou</i>) in subareas 1-9, 12, and 14 (Northeast Atlantic and adjacent waters)	NA
YFT	Yellowfin tuna (tropical)	LP
sol.27.7fg	Sole (<i>Solea solea</i>) in divisions 7.f and 7.g (Bristol Channel, Celtic Sea)	NSEA
mur.27.67a-ce-k89a	Striped red mullet (<i>Mullus surmuletus</i>) in subareas 6 and 8, and divisions 7.a-c, 7.e-k, and 9.a (North Sea, Bay of Biscay, southern Celtic Seas, and Atlantic Iberian waters)	NA
mon.27.78abd	White anglerfish (<i>Lophius piscatorius</i>) in Subarea 7 and divisions 8.a-b and 8.d (Celtic Seas, Bay of Biscay)	NA
mon.27.8c9a	White anglerfish (<i>Lophius piscatorius</i>) in divisions 8.c and 9.a (Cantabrian Sea and Atlantic Iberian waters)	NA
ank.27.78abd	Black-bellied anglerfish (<i>Lophius budegassa</i>) in Subarea 7 and divisions 8.a-b and 8.d (Celtic Seas, Bay of Biscay)	NA
ank.27.8c9a	Black-bellied anglerfish (<i>Lophius budegassa</i>) in divisions 8.c and 9.a (Cantabrian Sea and Atlantic Iberian waters)	NA
mac.27.nea	Mackerel (<i>Scomber scombrus</i>) in subareas 1-8 and 14, and Division 9.a (the Northeast Atlantic and adjacent waters)	NSEA

9 Appendix II Areas and species per stock

Stock code	Stock description	Species AphiaId	Area
spr.27.22-32	Sprat (<i>Sprattus sprattus</i>) in subdivisions 22-32 (Baltic Sea)	126425	27.3.d, 27.3.c.22, 27.3.b.23, 27.3.d.24, 27.3.d.25, 27.3.d.26, 27.3.d.27, 27.3.d.28, 27.3.d.29, 27.3.d.30, 27.3.d.31, 27.3.d.32, 27.3.b, 27.3.c
cod.27.21	Cod (<i>Gadus morhua</i>) in Subdivision 21 (Kattegat)	126436	27.3.a.21
whb.27.1-91214	Blue whiting (<i>Micromesistius poutassou</i>) in subareas 1-9, 12, and 14 (Northeast Atlantic and adjacent waters)	126439	27.4, 27.3, 27.4.a, 27.4.a.e, 27.4.a.w, 27.1, 27.2, 27.5, 27.6, 27.7, 27.8, 27.9, 27.12, 27.14, 27.2.a, 27.2.b, 27.3.a, 27.3.d, 27.4.b, 27.4.c, 27.5.a, 27.5.b, 27.6.a, 27.6.b, 27.7.a, 27.7.d, 27.7.e, 27.7.f, 27.14.a, 27.14.b, 27.5.b.1, 27.5.b.2, 27.3.c.22, 27.3.b.23, 27.3.d.24, 27.3.d.25, 27.3.d.26, 27.3.d.27, 27.3.d.28, 27.3.d.29, 27.3.d.30, 27.3.d.31, 27.3.d.32, 27.3.b, 27.3.c, 27.7.b, 27.7.c, 27.7.g, 27.7.h, 27.7.j, 27.7.k, 27.6.a.n, 27.8.a, 27.8.b, 27.8.c, 27.8.d, 27.8.e, 27.9.a, 27.9.b, 27.2.a.ex, 27.2.a.in, 27.3.a.21, 27.6.a.s, 27.7.a.n, 27.7.a.s, 27.9.a.n, 27.9.a.s, 27.9.a.c.n, 27.9.a.c.s, 27.8.c.w, 27.8.c.e, 27.3.a.20, 27.4.b.e, 27.4.b.w, 27.3.d.28.1, 27.3.d.28.2, 27.12.b, 27.1.b, 27.2.a.1, 27.2.a.2, 27.9.b.1, 27.9.b.2, 27.12.a.1, 27.12.a.2, 27.12.a.3, 27.12.a.4, 27.5.a.1, 27.14.b.1, 27.14.b.2, 27.5.a.2, 27.6.b.2, 27.6.b.1, 27.7.c.1, 27.7.c.2, 27.7.j.1, 27.7.j.2, 27.7.k.1, 27.7.k.2, 27.8.d.1, 27.8.d.2, 27.8.e.1, 27.8.e.2, 27.2.b.1, 27.2.b.2, 27.9.a.c
YFT	Yellowfin tuna (tropical)	127027	
sol.27.7fg	Sole (<i>Solea solea</i>) in divisions 7.f and 7.g (Bristol Channel, Celtic Sea)	127160	27.7.f, 27.7.g
mur.27.67a-ce-k89a	Striped red mullet (<i>Mullus surmuletus</i>) in subareas 6 and 8, and divisions 7.a-c, 7.e-k, and 9.a (North Sea, Bay of Biscay, southern Celtic Seas, and Atlantic Iberian waters)	126986	27.6, 27.8, 27.6.a, 27.6.b, 27.7.a, 27.7.e, 27.7.f, 27.7.b, 27.7.c, 27.7.g, 27.7.h, 27.7.j, 27.7.k, 27.6.a.n, 27.8.a, 27.8.b, 27.8.c, 27.8.d, 27.8.e, 27.9.a, 27.6.a.s, 27.7.a.n, 27.7.a.s, 27.9.a.n, 27.9.a.s, 27.9.a.c.n, 27.9.a.c.s, 27.8.c.w, 27.8.c.e, 27.9.a.s.a, 27.9.a.s.c, 27.6.b.2, 27.6.b.1, 27.7.c.1, 27.7.c.2, 27.7.j.1, 27.7.j.2, 27.7.k.1, 27.7.k.2, 27.8.d.1, 27.8.d.2, 27.8.e.1, 27.8.e.2, 27.9.a.c
mon.27.78abd	White anglerfish (<i>Lophius piscatorius</i>) in Subarea 7 and divisions 8.a-b and 8.d (Celtic Seas, Bay of Biscay)	126555	27.7, 27.7.a, 27.7.d, 27.7.e, 27.7.f, 27.7.b, 27.7.c, 27.7.g, 27.7.h, 27.7.j, 27.7.k, 27.8.a, 27.8.b, 27.8.d, 27.7.c.1, 27.7.c.2, 27.7.j.1, 27.7.j.2, 27.7.k.1, 27.7.k.2, 27.8.d.1, 27.8.d.2
ank.27.78abd	Black-bellied anglerfish (<i>Lophius budegassa</i>) in Subarea 7 and divisions 8.a-	126554	27.7, 27.7.a, 27.7.d, 27.7.e, 27.7.f, 27.7.b, 27.7.c, 27.7.g, 27.7.h, 27.7.j, 27.7.k, 27.8.a, 27.8.b, 27.8.d, 27.7.c.1, 27.7.c.2, 27.7.j.1, 27.7.j.2,

Stock code	Stock description	Species AphiaId	Area
	b and 8.d (Celtic Seas, Bay of Biscay)		27.7.k.1, 27.7.k.2, 27.8.d.1, 27.8.d.2, 27.8.e.1, 27.8.e.2
mac.27.nea	Mackerel (<i>Scomber scombrus</i>) in subareas 1-8 and 14, and Division 9.a (the Northeast Atlantic and adjacent waters)	127023	27.4, 27.3, 27.4.a, 27.4.a.e, 27.4.a.w, 27.1, 27.2, 27.5, 27.6, 27.7, 27.8, 27.9, 27.12, 27.2.a, 27.2.b, 27.3.a, 27.3.d, 27.4.b, 27.4.c, 27.5.a, 27.5.b, 27.6.a, 27.6.b, 27.7.a, 27.7.d, 27.7.e, 27.7.f, 27.14.a, 27.14.b, 27.5.b.1, 27.5.b.2, 27.3.b, 27.3.c, 27.7.b, 27.7.c, 27.7.g, 27.7.h, 27.7.j, 27.7.k, 27.6.a.n, 27.8.a, 27.8.b, 27.8.c, 27.8.d, 27.8.e, 27.9.a, 27.9.b, 27.2.a.ex, 27.2.a.in, 27.3.a.21, 27.6.a.s, 27.9.a.n, 27.9.a.s, 27.9.a.c.n, 27.9.a.c.s, 27.8.c.w, 27.8.c.e, 27.3.a.20, 27.9.a.s.a, 27.9.a.s.c, 27.12.b, 27.2.a.1, 27.2.a.2, 27.12.c, 27.12.a, 27.12.a.1, 27.12.a.2, 27.12.a.3, 27.12.a.4, 27.5.a.1, 27.14.b.1, 27.14.b.2, 27.5.a.2, 27.6.b.2, 27.6.b.1, 27.7.c.1, 27.7.c.2, 27.7.j.1, 27.7.j.2, 27.7.k.1, 27.7.k.2, 27.8.d.1, 27.8.d.2, 27.8.e.1, 27.8.e.2, 27.2.b.1, 27.2.b.2, 27.9.a.c