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Data call: Data submission for ICES Second Workshop on Atlantic chub mackerel (*Scomber colias*) (WKCOLIAS2)

1. Scope of the Data call

ICES Member Countries are requested to provide **landings, effort and discards estimates, as well as abundance/biomass by age class and/or length class, and biological information** for Atlantic chub mackerel, *Scomber colias*, in the ICES divisions 27.8.a, 27.8.b, 27.8.c, 27.9a and Subdivision 27.10.a.2.

2. Rationale

The data requested will be used by the ICES Workshop on Atlantic chub mackerel (WKCOLIAS2) in order to:

- Analyse chub mackerel abundance, distribution and migrations in the Northeast Atlantic waters of Europe and Northwest Africa;
- Explore the connectivity of Atlantic chub mackerel in Atlantic and Mediterranean waters.
- Analyse the population structure and propose stock units in European Atlantic waters.

The determination of chub mackerel stock structure and dynamics is necessary in order to set a basis for the first potential assessment of the species under the ICES advisory process.

3. Legal framework

Generically, 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 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 “...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 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.

* 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>

4. Deadlines

ICES requests that the data be delivered by **Thursday 14th January 2021**, to provide enough time for additional quality assurance prior to the workshop meeting. Missing the reporting deadline will compromise the data quality.

5. Data to report

5.1 Geographic and temporal scope

Data should be reported by Fishing area (see Appendix 1), including:

ICES divisions 27.8.a, 27.8.b, 27.8.c, Division 27.9a disaggregated by area, and Subdivision 27.10.a.2..

Data from the years 2000 up to 2019 are requested, where available.

5.2 Data types

In order to facilitate the compilation of the data submitted by the different countries, four templates are provided as annexes to this data call. These templates should be used as they outline the format in which the data will be read and compiled.

The following data series are requested:

5.2.1. Fishery data

Time series of landings and discards estimates (tonnes and, when available, length[†]/age frequency distributions, mean weight at length and mean weight at age disaggregated by Fishing area (see Appendix 1), métier level 5[‡] and quarter.

Annex1 and Annex 2 should be used as the templates, and the annexes renamed following the naming format below.

“WKCOLIAS2_vma_[COUNTRY_CODE]_Catches”

“WKCOLIAS2_vma_[COUNTRY_CODE]_ALK”

[†] Length distribution at 1cm intervals.

[‡] See métier codes in ICES vocabularies; <https://vocab.ices.dk/?ref=1498> (level 3) , <https://vocab.ices.dk/?ref=1498> (level 4), <https://vocab.ices.dk/?ref=1498> (level 5)

5.2.2. Scientific Survey data

Countries are requested to submit time series of abundance (numbers) and biomass (tonnes) estimates including their age-length[§] composition, weight at length and weight at age for chub mackerel from the scientific surveys listed in Appendix 2 when possible or, at least, by length or age class.

The type of index provided should be indicated for both abundance and biomass, e.g., the number of fish and biomass (in tonnes) as assessed in acoustic surveys or the mean catch rates per unit effort (CPUE) in number and/or weight (number and/or kg of fish caught per hour fishing, simple mean) in demersal surveys.

Annex 3 should be used as the template, and the annex renamed following the naming format below.

“WKCOLIAS2_vma_[COUNTRY_CODE]_SURVEYNAME_ALK”

5.2.3. Life history data

Supporting information related to the life history traits of the species, if available.

Time series of maturity at age and maturity at length (ogives) data disaggregated by Fishing area (see Appendix 1) and quarter.

Annex 4 should be used as the template, and the annex renamed following the naming format below.

“WKCOLIAS2_vma_[COUNTRY_CODE]_MATOGIVE”.

Any “other supporting information” available including information on life history traits, such as Lmat (length at first maturity), growth parameters (e.g., Linf, K), and M (natural mortality) should be submitted using the naming format below (no template provided).

“WKCOLIAS2_vma_[COUNTRY_CODE]_SupportInfoLifeHist”.

6. Data submission

All data files should be submitted in as few e-mails as possible to data.call@ices.dk.

[§] Length distribution at 1cm intervals.

7. Contact information

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

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

Appendix 1 Area coding.

Major Fishing Area	Fishing area (codes)	Description
FAO Major Fishing area 27	27.8.a	Subarea Bay of Biscay - Division North
	27.8.b	Subarea Bay of Biscay - Division Central
	27.8.c	Subarea Bay of Biscay - Division South
	27.9.a.n	Subarea Portuguese Waters - North (Spanish Galician Waters)
	27.9.a.c.n	Subarea Portuguese Waters - Central North
	27.9.a.c.s	Subarea Portuguese Waters - Central South
	27.9.a.s.a	Subarea Portuguese Waters - South Algarve
	27.9.a.s.c	Subarea Portuguese Waters - South Cadiz (Spanish Waters)
	27.10.a.2	Division Azores Grounds – Subdivision Azores Grounds Non-NEAFC Regulatory Area

Appendix 2 Scientific surveys.

Survey type	Survey series name	Country reporting data
Acoustic	PELGAS	FR
	PELACUS	ES
	PELAGO (aka SAR)	PT
	ECOCADIZ	ES
	MEDIAS	ES, FR
Recruitment	JUVENA	ES
	IBERAS/JUVESAR	PT
	ECOCADIZ RECLUTAS	ES
Trawling demersal	EVHOE	FR
	NS-IBTS	ES
	PT-IBTS	PT
	SP-ARSA	ES
	MEDITS	ES, FR