

DCF national correspondents

Els Torreele, Jørgen Dalskov, Benoit Archambault, Christoph Stransky, Leonie O'Dowd, Inge Janssen, Emilia Batista, Maria del Pilar Vara del Rio, Anna Hasslow, Mathew Elliott

ICES ACOM members and observers

Els Torreele, Morten Vinther, Alain Biseau, Christopher Zimmermann, Gudmundur Thordarson, Nils Hintzen, Fatima Borges, Francisco Velasco, Massimiliano Cardinale, Pieter-Jan Schon, Petur Steingrund, Jesper Boje, Marie-Julie Roux, Kirsten Curti, Bjarte Bogstad, Jonathan White, Yury A. Kovalev

Director of The Russian Research Institute of Fisheries and Oceanography

Kirill V. Kolonchin

Our Ref: H.4/ACB/RC/RF/av

15 October 2020

Subject: Data call: Data submission for ICES selected stocks under WKNSEA 2021.

Please find enclosed a document describing the rationale, scope and technical details of the data call for the WKNSEA 2021 benchmark.

The data will be used by the ICES benchmark workshop on North Sea stocks (WKNSEA 2021). The data can also be used for other future ICES activities in relation to fisheries management advice.

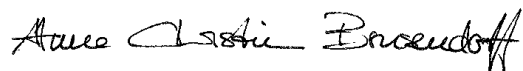
The data requested will be analysed and used only for scientific evaluation of the stock status and advice.

The data call is also available from the ICES website at:

<http://ices.dk/marine-data/tools/Pages/Data-calls.aspx>

For questions about the content of the data call, please contact: advice@ices.dk. For support concerning InterCatch issues please contact: InterCatchsupport@ices.dk. For questions on data submission, please contact: data.call@ices.dk.

Sincerely,



Anne Christine Brusendorff
General Secretary

CC: (WKNSea Chair) Marie Storr-Paulsen, (WGNSSK Chairs) Tania Miethe and Raphaël Girardin; (WGEF Chairs) Jurgen Batsleer and Pascal Lorance; DG-MARE (EC); Oleg A. Bulatov (Russian delegate to ICES).



ICES
CIEM

International Council for
the Exploration of the Sea
Conseil International pour
l'Exploration de la Mer

H. C. Andersens Boulevard 44-46,
1553 Copenhagen V, Denmark

+45 33 38 67 00
info@ices.dk | www.ices.dk

Contents

Data call: Data submission for ICES benchmark of selected stocks under WKNSea 2021

1.1	Scope of the data call.....	2
1.2	Rationale.....	2
1.3	Legal framework.....	2
1.4	Deadline.....	3
1.5	Data to report.....	3
1.5.1	Stocks.....	3
1.5.2	Geographical and temporal scope.....	3
1.5.3	Catch and biological data.....	3
1.6	Data submission.....	5
1.7	Contact information.....	6



ICES
CIEM

International Council for
the Exploration of the Sea
Conseil International pour
l'Exploration de la Mer

Data call: Data submission for ICES benchmark of selected stocks under WKNSea 2021

This is an updated version of the data call, the revision is made as a response to feedback from data submitters concerning the cod data. The changes concern the use of the species code for cod for uploading data in InterCatch depending on the detail of area level.

For the requested data on cod by area use the FAO ASFIS 3-alfa species code 'CDZ'.

The deadline for data submission is now 6 November 2020.

These changes in species codes prevent over-writing of the existing data sets and allow a parallel compilation of cod data by a higher detailed area.

1.1 Scope of the data call

Landings and discards (catches), sample and biological information, effort, survey, and potential additional data should be provided for Cod (*Gadus morhua*) in Subarea 4, Division 7.d, and Sub-division 3.a.20 (North Sea, eastern English Channel and Skagerrak (cod.27.47d20), Sole (*Solea solea*) in Division 7d (sol.27.7d), and Spurdog (*Squalus acanthias*) in Subareas 1-10, 12 and 14 (the Northeast Atlantic and adjacent waters) (dgs.27.nea).

1.2 Rationale

This data call supports the work to be made during the ICES Benchmark Workshop for North Sea fish stocks (WKNSea 2021). The end product of the benchmark workshop will be an agreed set of data and assessment methodology to be used in future update assessments and as basis for advice for these stocks.

1.3 Legal framework

Generically, all the governments and intergovernmental commissions requesting and receiving advice from ICES have signed international agreements under UNCLOS 1995¹ 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..."

¹ 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/N_9527467.pdf?OpenElement

1.4 Deadline

The deadline to deliver the data is **6 November 2020**. Data submitted after this date **cannot be processed and will not be taken into account at the WKNSea 2021 meeting**.

1.5 Data to report

1.5.1 Stocks

Cod (*Gadus morhua*) in Subarea 4, Division 7.d, and Subdivision 3.a.20 (North Sea, eastern English Channel and Skagerrak (cod.27.47d20), Sole (*Solea solea*) in Division 7.d (sol.27.7d), and Spurdog (*Squalus acanthias*) in subareas 1-10, 12 and 14 (the Northeast Atlantic and adjacent waters) (dgs.27.nea).

1.5.2 Geographical and temporal scope

Temporal scope for landings, discards, biological sample data, and effort data:

- cod.27.47d20: data by ICES division (4.b, 4.c, 7.d) and subdivision (4.a.E, 4.a.W, 3.a.20) as far back in time as possible,
- sol.27.7d: 2002-2019
- dgs.27.nea: estimated discard quantities of spurdog (2005-2019)

Temporal scope for survey data;

- cod.27.47d20: as far back as possible. NS-IBTS-Q1 and NS-IBTS-Q3.
- dgs.27.nea: as far back as possible.
- sol.27.7d: as far back as possible. If available a working document on how the current French Young Fish Survey (YFS) index calculated.

Geographical scope and codes for areas and species codes are found in Table 1. Data are expected to be disaggregated by ICES Division (except cod). For cod, data should be disaggregated by ICES divisions 4.b, 4.c and 7.d, subdivision 3.a.20 and areas 4.a.E and 4.a.W (i.e. 4.a split along 0° longitude).

Table 1: List of ICES areas codes and species codes to be used when uploading.

Area	Area code	Species	Species code (for InterCatch)
Eastern English Channel	27.7.d	Cod	CDZ
Skagerrak	27.3.a.20	Cod	CDZ
North Sea	27.4.a.E*	Cod	CDZ
North Sea	27.4.a.W*	Cod	CDZ
North Sea	27.4.b	Cod	CDZ
North Sea	27.4.c	Cod	CDZ
Eastern English Channel	27.7.d	Sole	SOL
Northeast Atlantic	Data for FAO area 27, reported by ICES Division	spurdog	

*Split in East and West along a boundary at 0° longitude

1.5.3 Catch and biological data

For cod and sole:

1. Time series of landings, discards, and effort data should be provided on a quarterly basis and imported into InterCatch applying codes found in Table 1. For **sole in 7.d**, an update of the entire French data series is needed as the calculation methods for discard raisings and age allocations were thoroughly revised by France, and France has most landings for this stock.
2. Sample information: the number, mean weight and mean length at age should be imported to InterCatch. The number of length and age measurements should also be imported (including the fields: SampledCatch, NumSamplesLngt, NumLngtMeas, NumSamplesAge, NumAgeMeas) per quarter. For **sole in 7.d**, also length distributions are requested from the UK, Belgium and France for the period 2002-2019.
3. Any **tagging data/information** or genetic analysis available to differentiate stocks in the North Atlantic and exchange rates between them (any format). The files should be sent directly to data.call@ices.dk. *The file should be named "WKNSea_2021_STOCK_CODE_tagging".*
4. Time series of maturity at age and maturity at length (ogives) data which are not already included in DATRAS. (Proportion of mature individuals per age/length class per year and quarter). The information on which maturity stage key has been used can also be uploaded in DATRAS. See: <https://vocab.ices.dk/?ref=361>. The data file should be sent directly to data.call@ices.dk. *The file should be named "WKNSea_2021_STOCK_CODE_maturity".*

For spurdog only:

5. Estimated discard quantities of **spurdog** (2005-2019) to be reported in tonnes by year, ICES Division and fleet (for otter trawl, gillnet and longline fisheries). The data file should be sent directly to data.call@ices.dk. *The file should be named "WKNSea_2021_STOCK_CODE_discards".*
6. Length-frequency distribution of commercially caught **spurdog** from at-sea observer programmes, providing details by fleet, ICES Division and year (for the period 2005-2019), identifying which were retained and discarded. The data file should be sent directly to data.call@ices.dk. *The file should be named "WKNSea_2021_STOCK_CODE_length_frequency_observer".*
7. Length-frequency distribution of commercially landed **spurdog** from market sampling programmes by fleet, ICES division and year. The data file should be sent directly to data.call@ices.dk. *The file should be named "WKNSea_2021_STOCK_CODE_length_frequency_market".*
8. Available data on the uterine fecundity-at-length of **spurdog**. Data should provide information on maternal length, maturity stage, the number of pups or embryos, year and location (ICES Division) for individual fish. The data file should be sent directly to data.call@ices.dk. *The file should be named "WKNSea_2021_STOCK_CODE_fecundity".*
9. Any data on effort (e.g. days fishing for netters and/or kilowatt days for trawlers) for métiers that cover the majority of **spurdog** catches (2005-2019), and associated landings (or catches if possible) for 2005-2009, that could be used to predict catches for 2010 onwards. The data file should be sent directly to data.call@ices.dk. *The file should be named "WKNSea_2021_STOCK_CODE_effort".*

Indices

Indices from national surveys (see Table 2) that can be used to derive relative abundance indices (by age). One file per survey should be submitted to data.call@ices.dk with the name

“WKNSea_2021_STOCK_CODE_[SURVEY_NAME]”. The associated information on the survey design and index calculations should also be included in this file.

Table 2: Survey indices required (additional to what is already used or available from DATRAS)

Stock	Survey
dgs.27.nea*	UK(ENG)-Q4-SWIBTS (2003-2011)**
	NIGFS-Q1 (Northern Irish groundfish survey Q4; 1992-present)**
	NIGFS-Q4 (Northern Irish groundfish survey Q4; 1992-present)**
	NO-shrimp-Q1 (Norwegian shrimp survey; 1984-present)**
	NOcoast-Aco-Q4 (Norwegian coastal survey; 1995-present)**

*Acknowledging that most survey data are available on DATRAS, only those datasets that are not on DATRAS, or for which the full time-series is not available on DATRAS, are requested specifically here.

**Numbers at length per station (including hauls with zero observations), should be provided, sex-disaggregated, where possible.

French commercial CPUE indices (Table 3) that can be used to derive relative abundance and biomass trends (by age). Alternative standardized and non-standardized indices should also be submitted based on different effort units (e.g., kw-days, fishing hours, days at sea). One file per survey should be submitted to data.call@ices.dk with the name “WKNSea_2021_STOCK_CODE_[NATIONAL_INDEX_NAME]”. The associated information on the survey design and index calculations should also be included in this file.

Table 3: Commercial CPUE indices required

Stock	CPUE index
sol.27.d	FR OTB LPUE *

*For sol.27.7d, an update of the French commercial otter trawl tuning fleet in 2 versions is requested: age-aggregated and age-disaggregated

Additional data

- Stock weights for **cod and sole** from fisheries-independent sources are required if available. The name of the file to be submitted to data.call@ices.dk should be “WKNSea_2021_STOCK_NAME_stock_weights”.
- Any estimates of recreational catches for **cod**. The name of the file to be submitted to data.call@ices.dk should be “WKNsea_2021_STOCK_NAME_recreational”
- Any updated growth parameters for **spurdog** from national programmes. The name of the file to be submitted to data.call@ices.dk should be “WKNsea_2021_STOCK_NAME_growth”

1.6 Data submission

Data on landings and discards (catches) and biological sample data should be uploaded to Inter-Catch, which is available at this link: <https://intercatch.ices.dk/Login.aspx>. Please see the ‘Inter-Catch Exchange Format Manual’ on the ICES website for information on the required exchange format and used codes at <http://www.ices.dk/marine-data/data-portals/Pages/InterCatch.aspx>. For discard data, the data source should also be provided (e.g. “information from fishery”, “expert judgment”, “sampling”, “self-sampling” etc.) using the SI comment field, field number 23

“InfoStockCordinator”. Use the following link: <http://intercatch.ices.dk> for uploading to Inter-Catch.

Survey, effort and additional data should be submitted to the ICES Secretariat via email (data.call@ices.dk). Survey data are requested as CSV files without specific format, although explicit headers and an accompanying description of the data format or working documents are requested.

1.7 Contact information

For support concerning the data call please contact: the ICES Advisory Department (Advice@ices.dk).

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

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

For general queries, responders to the data call may also contact their national members of the relevant expert working groups (i.e. WGNSSK for cod and sole, and WGEF for spurdog).

IMPORTANT:

- If discard data are unavailable, there should be no entry for discards. A value of “zero” should only be entered when zero discards have been observed.