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Our Ref: L.27/ACB/RC/RF/eg 19 July 2019

Subject**: Data call: Data submission for ICES selected stocks under WKCELTIC 2019.**

Dear reader,

Please find enclosed a document describing the rationale, scope and technical details of the data call in support of the WKCELTIC benchmark.

The data will be used by the ICES benchmark workshop on Celtic Sea stocks (WKCELTIC 2019). 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

Sincerely,

Anne Christine Brusendorff
General Secretary

CC: Timothy Earl and Sofie Nimmegeers (WGCSE co-chairs); Jonathan White and Ana Ribeiro Santos (WKCELTIC co-chairs); Venetia Kostopoulou (DG-Mare, DCF); Bas Drukker (DG-Mare, DCF).

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Data call: Data submission for ICES selected stocks under WKCELTIC 2019

1. Scope of the Data call

ICES Member Countries are requested to provide the following for cod, haddock and whiting in the Celtic Sea:

- data on landings and effort from commercial sea fisheries in 2002-2018;
- data on discards from commercial sea fisheries in 2002-2018;
- data on BMS from sea fisheries in (from when available), and
- biological sample data in 2002-2018.

All countries that have catch data on these stocks (table 1) should submit data.

2. Rationale

The data requested will be used by the ICES benchmark Workshop on Celtic Sea Gadoid Stocks (WKCELTIC); which is involved in the provision of ICES advice on fishing opportunities for cod, haddock and whiting in the Celtic Sea.

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. These agreements include an obligation to collect and share data on, inter alia, vessel position (UNCLOS FSA art 5) and to support assessment of the impacts of fisheries on non-target species and the environment (UNCLOS FSA art 6).

Specifically, ICES has a standing request from the European Commission to advise and inform on the impacts of fisheries on the marine environment. Currently it provides advice on the impact of fishing on birds and mammals. It is required to expand this advice to the impact on benthic habitats.

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,.."

ICES is thus mandated to request all fisheries dependent and independent data including VMS and logbook information used to provide this advice. This mandate is supported by international agreements and the current EU data collection framework (DCF).

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 the 2nd of September, 2019, to provide enough time for additional quality assurance prior to the benchmark workshop meeting. **Missing the reporting deadline will compromise the indispensable data quality checking (on a stock basis), that takes place before the meeting.**

The deadline does not apply to the survey data. It is expected that survey data will be submitted to DATRAS (Database of Trawl Surveys) by the agreed timetable (see http://www.ices.dk/marine-data/data-portals/Pages/DATRAS-deadlines.aspx), or sent to data.call@ices.dk as early as possible prior to the Workshop meeting.

5. Data to report

5.1 Geographic and temporal scope

ICES Member Countries are requested to supply data for the stocks specified in Table 1 using the format specified in table 2 either to InterCatch, to ICES Secretariat via email (data.call@ices.dk), or to both. Data includes:

"Landings, discards, BMS, biological samples, and effort data for the years ranging from 2002–2018, compiled nationally following the discussions on an "agreed data handling approach" during the Data evaluation meeting (February 2018). Data should be reported by DCF level 6 metier (See Appendix 1 and 2) to the lowest ICES division and season (quarter) possible that is supported by appropriate sampling, in terms of numbers of observer tripsand sampled fish. Aggregations should likewise be practical, noted and not be beyond the assessment area of individual stocks.

Table 1: Species and areas covered by this data call

Species	Stock code	Stock description
Cod	had.27.7.b,c,e–k	Cod (Gadus morhua) in Divisions 7.e-k (eastern English Channel and southern Celtic Seas)
Haddock	whg.27.7.b,c,e-k	Haddock (Melanogrammus aeglefinus) in Divisions 7.b,c,e–k (southern Celtic Seas and English Channel)
Whiting	cod.27.7.e-k	Whiting (Merlangius merlangus) in Divisions 7.b-c and 7.e-k (southern Celtic Seas and eastern English Channel)

Table 2: Format for data submission by data type

Type of data	Reporting via:
Data Aggregation Level	Quarterly
Landings Quantity	IC
Landings Age Comp	IC
Landings Length Comp	IC + AC
Landings Mean Weight At Age	IC
Landings Mean Weight At Length	IC + AC
BMS Landings Quantity	IC
Discards Quantity	IC
Discards Age Comp	IC
Discards Length Comp	IC + AC
Discards Mean Weight At Age	IC
Discards Mean Weight At Length	IC + AC
Discards Logbook Registered Quantity	IC
Sexual Maturity Data	AC

6. Data submission

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 the codes used, at:

http://www.ices.dk/marine-data/data-portals/Pages/InterCatch.aspx.

Area-disaggregated catch data should be submitted to InterCatch in a consistent manner between Data Calls. If area aggregations must be made, it should be clearly stated in the InfoStockCoordinator information text field (field number 23 in the import file to InterCatch).

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://www.ices.dk/marine-data/data-portals/Pages/InterCatch.aspx

Area-disaggregated catch data should be submitted to InterCatch in a consistent manner between Data Calls. If area aggregations must be made, it should be clearly stated in the InfoStockCoordinator information text field (field number 23 in the import file to InterCatch).

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 catch format is found in the Intercatch Format overview[‡] , where valid codes are also listed.

6.1.2 Sample information on age and length data

When age or length data are imported, ICES requests that the following age and length sampling information fields are filled in for both landing and discard samples:

- Number samples of length, field: NumSamplesLngt
- Number length measured, field: NumLngtMeas
- Number samples of age, field: NumSamplesAge
- Number age measured, field: NumAgeMeas

[†] http://www.ices.dk/marine-data/Documents/Intercatch/InterCatch%20User%20Manual%20Doc1-11.pdf

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

Data submitters are encouraged to use the fields related to data quality within InterCatch (NumSamplesLngt, NumLngtMeas, NumSamplesAge, NumAgeMeas). This will help stock assessors make allocations in InterCatch, and identify changes in sampling levels from one year to another.

The units of the samples in the record types "NumSamplesLngt" and "NumSamplesAge" of the species data record refer to the number of primary sample units (vessel, trip, harbour day, etc.). The units should be given in the InterCatch species information field named "InfoFleet".

If there are any questions regarding InterCatch submissions, please contact the workshop co chairs (see section 7) and ICES Secretariat at InterCatchsupport@ices.dk.

6.1.3 Catch categories in InterCatch

Landing, 'L'

The 'Landing' catch category in InterCatch will cover the scientific estimates of landing.

Discard, 'D'

The 'Discard' catch category in InterCatch will cover the discard fraction based on fishery observer estimations. This category is the part of the catch, which is thrown overboard into the sea.

This component should be in the CATON field, and in the OffLandings field a "'-9" should be inserted (see table 3).

Data for this fraction should be reported even when discard values are low. Discard estimations for pelagic species based on demersal observer programs should also be reported. This is especially important for some small pelagic stocks.

BMS Landing, 'B'

Relevant to stocks under landing obligations. The BMS landings consist of fish and crustaceans Below Minimum Size, as registered in the logbook or as estimated by fishery observers (see Table 3).

If the discard estimation includes the BMS a "-9" should be inserted into the CATON field. If the BMS **is not** included in the discard, your best estimate should be inserted into the CATON field. Either way, the value of BMS as reported in the logbook should always be inserted in the OffLandings field (see Table 3).

Logbook Registered Discard, 'R'

Relevant to stocks under landing obligations. This component corresponds to discards which are registered in the logbook and are under the landing obligation exemption rules (e.g. *de minimis*).

This component should be inserted in the OffLandings field as reported in the logbook. A "-9" has to be inserted in the CATON field as this component is already accounted for in the discard estimates (see Table 3).

Table 3. The species information (SI) record in InterCatch – landing obligation example. This example gives guidance on how to record the SI depending on the way BMS data are collected.

							Comments
Record number	10	11	12	13	19	20	
Field code	Species	Stock	Catch Category	Reporting Category	CATON (from observer estimates)	OffLandings	
	COD	NA	D	R	1300	–9	• "CATON" field = **discards only** if possible to separate discards from BMS fraction. • "CATON" field = **discards + BMS**, if not possible to separate the two fractions. • "OffLandings" field = "-9"
	COD	NA	B	R	0.3	0.1	• "CATON" field = **BMS** if possible to separate discards from BMS fraction. • CATON" field = **"0"**, if not possible to separate the two fractions. • "OffLandings" field = BMS from fishermen declaration(e.g. eLogs, sales notes, landing declaration).
	COD	NA	R	R	0	0.2	• "OffLandings" field= Discards registered in the logbook (if any). • CATON field = "0".

6.2 Reporting to other destinations

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

"20XX DC [expert group] [country] [fishing year]" (example: 2019 DC WKCELTIC FR 2018)

6.3 Metiers

Metiers detailed in data submission should be consistent across countries. Use the list of metiers described in Appendix 1 as indicative. The use of hyphens ('-') in place of underscores ('_') should be avoided. Appendix 2 lists fleets that were registered as catching the three stocks in 2018 again please use the list as reference.

7. Contact information

For support concerning details on data deliveries, contact WKCELTIC Co-chairs Jonathan White (Jonathan.White@Marine.ie) and Ana Ribeiro Santos (Ana.ribeirosantos@cefas.co.uk)

For support concerning any data call issues, 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 examples. Note that the vessel length category (currently '_all') must appear at the end of every *metier* tag except the MIS_MIS *metier* tags, and **do not** use of hyphens ('-') in place of underscores ('_').

AREA	GEAR TYPE	AVAILABLE METIER TAGS
West of Scotland (27.6.a) and Rockall (27.6.b)	Pots and traps	FPO_CRU_0_0_0_all
	Gillnets	GNS_DEF_>=220_0_0_all
	Longline	LLS_FIF_0_0_0_all
	Otter trawl	OTB_CRU_70-99_0_0_all
		OTB_DEF_>=120_0_0_all
		OTB_DEF_100-119_0_0_all
		OTB_DWS_>=120_0_0_all
		OTB_DWS_100-119_0_0_all
		OTB_MOL_>=120_0_0_all
		OTB_MOL_100-119_0_0_all
	Midwater trawl	OTM_DEF_32-69_0_0_all
		OTM_SPF_32-69_0_0_all
	Seines	SSC_SPF_0_0_0_all
	Others (Human consumption)*	MIS_MIS_0_0_0_HC
	Others (Industrial bycatch)*	MIS_MIS_0_0_0_IBC
Irish Sea (27.7.a)	Pots and traps	FPO_CRU_0_0_0_all
		FPO_MOL_0_0_0_all
	Gillnets	GNS_DEF_120-219_0_0_all
		GNS_DEF_90-99_0_0_all
	Otter trawl	OTB_CRU_70-99_0_0_all
		OTB_DEF_70-99_0_0_all
		OTB_MOL_70-99_0_0_all
	Beam trawl	TBB_DEF_70-99_0_0_all
	Others (Human consumption)	MIS_MIS_0_0_0_HC
	Others (Industrial bycatch)	MIS_MIS_0_0_0_IBC
West of Ireland (27.7.b-c) and Celtic Sea slope (27.7.k–j)	Gillnets	GNS_DEF_>=220_0_0_all
		GNS_DEF_100-119_0_0_all
		GNS_DEF_120-219_0_0_all
		GNS_DWS_100-119_0_0_all
	Otter trawl	OTB_DEF_100-119_0_0_all
		OTB_DEF_70-99_0_0_all
		OTB_DWS_100-119_0_0_all
		OTB_MOL_100-119_0_0_all
		OTB_MOL_70-99_0_0_all
		OTB_SPF_100-119_0_0_all
		OTB_CRU_100-119_0_0_all
	Midwater trawl	OTM_SPF_16-31_0_0
		OTM_SPF_32-69_0_0_all
		OTM_DEF_100-119_0_0_all
		OTM_LPF_70-99_0_0_all
		OTM_LPF_100-119_0_0_all
	Others (Human consumption)*	MIS_MIS_0_0_0_HC
	Others (Industrial bycatch)*	MIS_MIS_0_0_0_IBC
Celtic Sea Shelf (27.7.f–h)	Pots and traps	FPO_CRU_0_0_0_all
		FPO_MOL_0_0_0_all
	Gillnets	GNS_DEF_>=220_0_0_all
		GNS_DEF_120-219_0_0_all
		GNS_SPF_10-30_0_0_all
		GTR_DEF_>=220_0_0_all
	Lines	LLS_FIF_0_0_0_all
	Otter trawl	OTB_CRU_100-119_0_0_all
		OTB_CRU_70-99_0_0_all
		OTB_DEF_100-119_0_0_all

AREA	GEAR TYPE	AVAILABLE METIER TAGS
		OTB_DEF_70-99_0_0_all
		OTB_DWS_100-119_0_0_all
		OTB_MCD_70-99_0_0_all
		OTB_MOL_100-119_0_0_all
		OTB_MOL_70-99_0_0_all
	Midwater trawl	OTM_DEF_32-69_0_0_all
		OTM_SPF_32-69_0_0_all
	Seines	SSC_SPF_0_0_0_all
		SSC_DEF_100-119_0_0_all
		SSC_DEF_70-99_0_0_all
	Beam trawl	TBB_DEF_70-99_0_0_all
	Others (Human consumption)*	MIS_MIS_0_0_0_HC
	Others (Industrial bycatch)*	MIS_MIS_0_0_0_IBC
Western Channel (27.7.e)	Pots and traps	FPO_CRU_0_0_0_all
		FPO_MOL_0_0_0_all
	Gillnets	GNS_CRU_0_0_0_all
		GNS_DEF_>=220_0_0_all
		GNS_DEF_100-119_0_0_all
		GNS_DEF_120-219_0_0_all
		GTR_CRU_0_0_0_all
		GTR_DEF_>=220_0_0_all
		GTR_DEF_120-219_0_0_all
	Lines	LLS_DEF_0_0_0_all
		LLS_FIF_0_0_0_all
	Otter trawl	OTB_CRU_100-119_0_0_all
		OTB_CRU_70-99_0_0_all
		OTB_DEF_100-119_0_0_all
		OTB_DEF_70-99_0_0_all
		OTB_DWS_100-119_0_0_all
		OTB_MOL_100-119_0_0_all
		OTB_MOL_70-99_0_0_all
		OTB_SPF_70-99_0_0_all
	Midwater trawl	OTM_SPF_16-31_0_0
		OTM_SPF_32-69_0_0_all
		OTM_DEF_70-99_0_0_all
		OTM_DEF_100-119_0_0_all
	Seines	SSC_SPF_0_0_0_all
		SSC_DEF_70-99_0_0_all
	Beam trawl	TBB_DEF_70-99_0_0_all
	Others (Human consumption)*	MIS_MIS_0_0_0_HC
	Others (Industrial bycatch)*	MIS_MIS_0_0_0_IBC

* The use of metiers under the MIS_MIS category should be minimized.

Appendix 2.

Flets with recorded catch for the three stocks in 2019:

Fleets
GNS_DEF_100-119_0_0_all
GNS_DEF_120-219_0_0
GNS_DEF_120-219_0_0_all
GNS_DEF_all_0_0_all
GTR_CRU_0_0_0_all
GTR_DEF_>=220_0_0_all
GTR_DEF_120-219_0_0_all
GTR_DEF_all_0_0_all
LLS_DEF
LLS_FIF_0_0_0_all
MIS_MIS_0_0_0
MIS_MIS_0_0_0_HC
OTB_CRU_>=120_0_0_all
OTB_CRU_100-119_0_0_all
OTB_CRU_16-31_0_0_all
OTB_CRU_70-99_0_0_all
OTB_DEF
OTB_DEF_>=120_0_0_all
OTB_DEF_100-119_0_0
OTB_DEF_100-119_0_0_all
OTB_DEF_70-99_0_0
OTB_DEF_70-99_0_0_all
OTB_MOL_70-99_0_0_all
OTM_DEF_100-119_0_0_all
OTM_DEF_70-99_0_0_all
OTM_SPF_16-31_0_0
OTM_SPF_32-69_0_0_all
OTT_CRU_100-119_0_0
OTT_DEF_100-119_0_0
OTT_DEF_100-119_0_0_all
OTT_DEF_70-99_0_0
PTM_SPF_32-69_0_0_all
SSC_DEF_100-119_0_0_all
SSC_DEF_70-99_0_0_all
SSC_DEF_All_0_0_All
TBB_DEF_>=120_0_0_all
TBB_DEF_70-99_0_0_all
FPO_DEF
GNS_DEF
LHM_DEF

LLS_DEF_0_0_0
LLS_DEF_0_0_0
OTT_DEF_>=120_0_0_all
SDN_DEF
SSC_DEF