

Notification of ICES data call for selected category 3 and 4 stocks. Formal data call will be issued in early 2017.

This is a notification from the ICES Secretariat to alert the ICES Community that all available length data will be requested for assessment and advisory purposes for category 3 and 4 stocks that are scheduled to have update assessments and advice in 2017. A formal data call requesting this data will be issued by the ICES Secretariat along with the recurrent update assessment data call in early 2017. Please note that ICES will provide guidance on uploading data for all elasmobranch stocks included in this data call in early 2017, and the list of species and areas included in the data call will be made final in early 2017 (i.e. Annex 1).

All questions concerning the content of the data call to Anne.Cooper@ices.dk and advice@ices.dk, and the format of data submission to intercatchsupport@ices.dk.

Why a data call notification?

This is the first data call for length data for category 3 and 4 stocks to ICES expert groups (see above) and the rationale behind this notification is to support the national institutes in planning future data submissions to ICES.

Why a data call for category 3 and 4 stocks

1. To standardize the data call process, including a standard input data format.
2. To address the recommendation of the ACOM review of setting up data calls for assessment expert groups.
3. To assist in providing evaluation of the status category 3 and 4 stocks from all ICES areas.

Data call: Data submission for ICES advisory work

Scope of the Data call

ICES Countries will be requested to provide historical landings and discard data by length from all available years up to 2016 and other supporting information* for selected stocks in categories 3 and 4. A preliminary list of stocks included in the data call are provided in Annex 1. All countries having catch or landings data on these stocks should submit data.

- * "Other supporting information" will include information on life history traits, if available, noting that some candidate reference points require input on length at first maturity (L_{mat}), growth parameters (e.g., L_{inf} , K) and M (natural mortality). See Annex 4 for more details.

Deadline

The data should be delivered no later than the update assessment data call deadline set for each ICES stock assessment Expert Group. These dates will be made available by the Secretariat early in 2017. A failure to comply with the deadline will compromise the ability of ICES to quality check the data, which is essential before the use of data for the provision of advice and the development stock assessment methods.

Rationale

The requested data will be used by ICES Expert groups involved in the provision of ICES advice. ICES will use the data to provide stock advice, evaluation of stock status, including the provision of reference points.

In 2015, ICES had a data call that was similar in scope for selected stocks in Western Waters (ICES subareas 5-10). As part of this process, the Fifth Workshop on the Development of Quantitative Assessment Methodologies based on LIFE-history traits, exploitation characteristics, and other key parameters for Data-limited Stocks (WKLIFE V; October, 2015) developed methodologies for MSY proxy reference points. In addition, the Workshop to consider MSY proxies for stocks in ICES category 3 and 4 in Western Waters (WKProxy) (November 2015) further developed these methods and applied the methodologies for Western

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Waters category 3 and 4 stocks. The outcomes of the WKLIFE V and WKProxy were used as the basis for ICES advice to address the EU request to provide F_{MSY} proxies for data-limited stocks in the Western Waters, February 2016.

The data requested in this data call are required to evaluate the stock status for ICES stocks in categories 3 and 4 that are scheduled to have updated assessments and advice in 2017.

Data submission

ICES Countries will be requested to supply all available historical landings and discard data by length as specified in Annex 2 to ICES directly to [InterCatch](#). "Other supporting information" (i.e., information on life history traits) should be directed to accessions@ices.dk. The list of species and areas, for which data should be prepared, together with the information on the area descriptions are given in Annex 1.

If corrections for earlier submissions need to be made, a full new set of data for the respective species may need to be uploaded as well. In this case, inform the relevant individuals (names and email address of all relevant individuals will be provided with the actual data call in early 2017).

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The “other supporting information” (e.g., length at first maturity (L_{mat}), growth parameters (e.g., L_{inf} , K) and natural mortality) data should be submitted directly to ICES (accessions@ices.dk) on a country /stock basis. See Annex 4.

"Country_DataCall2017_[stock]_additionalinfo".

The exact specification for the subject and file name for data uploads will be made available in early 2017. The material presented in this box is a place holder only.

The file will be forwarded to the respective stock coordinators and the Expert Group/workshop chairs.

Units

Country codes in Annex 3.

Landings, discards: by number and in tonnes at 1 cm intervals and 1mm intervals for Norway lobster.

Year must be entered as four digits, e.g. “2015”.

Length data

When length data are imported it is requested to fill in the following length sampling information fields for both landing and discard samples:

- Number samples of length, field: NumSamplesLngt
- Number length measured, field: NumLngtMeas

The default units of the samples in the record types “NumSamplesLngt” of the species data record should be number of hauls. The unit used should be given in the species information field named “InfoStockCoordinator”. The typical entry could be: “Number of hauls” but it could also be “Number of trips” or “Number of boxes”. This information allows between-country comparisons of sampling units.

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How to report to InterCatch

Please see the 'InterCatch Exchange Manuals' on the ICES website for the InterCatch exchange format at <http://www.ices.dk/marine-data/data-portals/Pages/InterCatch.aspx>. The InterCatch formatted national data should be imported into InterCatch, which is available at this link: <https://intercatch.ices.dk/Login.aspx>

The codes used in the InterCatch Exchange format, are explained in the InterCatch Exchange manual. The following will focus on the codes used for the field "Fleet", which in general is referred to as "metier". The metiers for expert groups, who have had Data calls earlier, are listed in Annex 1 (under sheet "InterCatch metiers). For stocks, which are included in the Data call for the first time, please check metiers in Annex 1; if not listed please contact the stock coordinator (see email address in Annex 1). For stocks, which have been included in Data calls before, if a metier needed is not available in InterCatch, please contact the expert group chair (Table 1).

The metier tag entries closely follow the naming convention used for the EU Data Collection Framework (DCF). Below is an explanation of the metier tag elements; an underscore separates each of the elements (Figure 1).

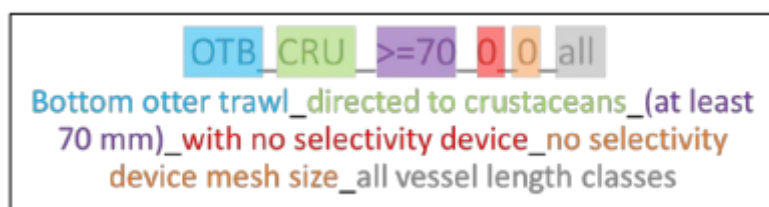


Figure 1. Explanation of the metier tag elements; an underscore separates each of the elements.

Metier tag elements

1. **GEAR TYPE** (gear types available under the DCF are shown in [2010/93/EU App. I and II](#). Data can be aggregated over more than one category but in this case the most significant gear type is entered).
2. **TARGET ASSEMBLAGE CODE** (code conforming to target assemblage code of DCF). See [2010/93/EU App. III](#). Data can be aggregated over more than one category but in this case the most significant metier code is entered).
3. **MESH SIZE RANGE** (mesh size ranges available under the DCF). Data can be aggregated over more than one category but in this case the most significant mesh size range is entered. If, for that gear type, data have been aggregated over all ranges used by a nation, an additional entry "all" can be used.
4. **SELECTIVITY DEVICE** (types of selectivity device available under the DCF). See [2010/93/EU App. IV](#).
5. **SELECTIVITY DEVICE MESH SIZE** (the actual mesh size of any selectivity device is entered, this level is referred to as level 6). If national data are aggregated over several DCF level 6 categories, the metier tag corresponding to the most significant category is chosen e.g., a mobile gear with mesh sizes covering 70-119 mm (combining 70-99 and 100-119) but 70-99 mm is most significant code 70-99 will apply. Exceptions to this general rule are cases where data have been aggregated over all mesh size ranges within the national fleet. In these instances the mesh size is omitted and only a metier with level 5 (Gear code_Target assemblage) is used.
6. **VESSEL LENGTH CLASS** (Member states have indicated national sampling scheme designs do not take account of vessel lengths. Therefore the non-standard entry of "all" or omitted is currently provided for in InterCatch). The option has been left open for length category specific metier tags to be added in future years if nations begin to sample and raise data independently for different length categories.

Unspecified metiers

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Unspecified, data accounting all together to less than 10% of catches and effort, must be coded into a miscellaneous group named either MIS_MIS_0_0_0_HC (Miscellaneous Human Consumption) or MIS_MIS_0_0_0_IBC (Miscellaneous Industrial By-Catch) respectively.

Limited metiers allowed for specific areas

The expert groups WGCSE, WGNSSK and WGMIXFISH-ADVICE allow only specific metiers in specific area (see Appendix 1 and 2).

Effort data

Effort is recorded in position 11 of the InterCatch header information. Effort is required in kWdays for all species and areas, with the exception for WGBFAS, which records fishing days. If data is imported as one import file per species the effort should be given for the one species, metier, area, and quarter. If several species are imported in one import file the effort should be given as a sum of all species, and comment like e.g. "Effort for species: cod, had and whg" should be given in the "InfoStockCoordinator" field.

Zero Catch

If there has been no catch for a specific stock from a country, a comment must be entered into the comment field to show that data are not missing. This is also relevant regarding stocks where there has been a fishery, but some quarters or areas have no catches or fishery. This only applies for stocks where there are catches in e.g. quarter 1, 2 and 4. A catch of zero should be added for quarter 3.

Conversions to InterCatch Format

To ease the process of converting the national data into the InterCatch format Andrew Campbell from Ireland has made the conversion tool 'InterCatchFileMaker', which converts data manually entered in the 'Exchange format spreadsheet' into a file in the InterCatch format. The conversion tool 'InterCatchFileMaker' can be downloaded from the ICES webpage for InterCatch exchange format under 'Format conversion tools'. The download includes a spreadsheet in which the landings and sampling data can be placed; the program then converts the data into the InterCatch format. 1. If InterCatchFilemaker conversion program and the exchange format spreadsheet has been used to convert your data to InterCatch format, then the values in the data field "NumSamlpesLngt" in the InterCatch format file must be entered manually. 2. If in some areas and quarters, there are only length samples available (age samples are missing), then it is possible to use ALKs from neighbouring areas or quarters to calculate CANUM and WECA for "Species Data" records, before importing data to InterCatch. In this case "-9" must be entered in the data fields of "NumSamlpesLngt" and "NumLngtMeas". For support concerning InterCatch issues please contact: intercatchsupport@ices.dk.

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Annex 1. List of species and areas in the 2017 ICES data call for category 3 and 4 stocks. ****This list will be finalized in early 2017.****

2016 Stock name	Species Common Name	Scientific name	Stock data category	FAO major area	Subarea	Division	Subdivision	Unit, Functional Unit, or Sandeel Unit
Black-bellied anglerfish (<i>Lophius budegassa</i>) in divisions 7.b–k, 8.a–b, and 8.d (west and southwest of Ireland, Bay of Biscay)	Black-bellied anglerfish	<i>Lophius budegassa</i>	3	27	7	7.b		
				27	7	7.c		
				27	7	7.d		
				27	7	7.e		
				27	7	7.f		
				27	7	7.g		
				27	7	7.h		
				27	7	7.j		
				27	7	7.k		
				27	8	8.a		
				27	8	8.b		
White anglerfish (<i>Lophius piscatorius</i>) in divisions 7.b–k, 8.a–b, and 8.d (southern Celtic Seas, Bay of Biscay)	White anglerfish	<i>Lophius piscatorius</i>	3	27	7	7.b		
				27	7	7.c		
				27	7	7.d		
				27	7	7.e		
				27	7	7.f		
				27	7	7.g		
				27	7	7.h		
				27	7	7.j		
				27	7	7.k		
				27	8	8.a		
				27	8	8.b		
Anglerfish (<i>Lophius piscatorius</i> and <i>L. budegassa</i>) in subareas 4		<i>Lophius piscatorius</i> and <i>L. budegassa</i>	3	27	4			
				27	6			

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and 6, and in Division 3.a (North Sea, Rockall and West of Scotland, Skagerrak and Kattegat)	Black-bellied anglerfish, White anglerfish			27	3	3.a		
Atlantic salmon (<i>Salmo salar</i>) in Subdivision 32 (Gulf of Finland)	Atlantic salmon	<i>Salmo salar</i>	4	27	3	3.d	3.d.32	
Black scabbardfish (<i>Aphanopus carbo</i>) in subareas 1, 2, 4, 6–8, 10, and 14, and in divisions 3.a, 5.a–b, 9.a, and 12.b (Northeast Atlantic)	Black scabbardfish	<i>Aphanopus carbo</i>	3	27	1			
				27	2			
				27	4			
				27	6			
				27	7			
				27	8			
				27	10			
				27	14			
				27	3	3.a		
				27	5	5.a		
				27	5	5.b		
				27	9	9.a		
27	12	12.b						
Blue jack mackerel (<i>Trachurus picturatus</i>) in Subdivision 10.a.2 (Azores grounds)	Blue jack mackerel	<i>Trachurus picturatus</i>	3	27	10	10.a	10.a.2	
Blue ling (<i>Molva dypterygia</i>) in Subarea 14 and Division 5.a (East Greenland and Iceland grounds)	Blue ling	<i>Molva dypterygi</i>	3	27	14			
				27	5	5.a		
Boarfish (<i>Capros aper</i>) in subareas 6–8 (Celtic Seas, English Channel, and Bay of Biscay)	Boarfish	<i>Capros aper</i>	3	27	6			
				27	7			
				27	8			
Brill (<i>Scophthalmus rhombus</i>) in Subarea 4 and divisions 3.a and 7.d–e (North Sea, Skagerrak and Kattegat, English Channel)	Brill	<i>Scophthalmus rhombus</i>	3	27	4			
				27	3	3.a		
				27	7	7.d		

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2016 Stock name	Species Common Name	Scientific name	Stock data category	FAO major area	Subarea	Division	Subdivision	Unit, Functional Unit, or Sandeel Unit
				27	7	7.e		
Brill (<i>Scophthalmus rhombus</i>) in subdivisions 22–32 (Baltic Sea)	Brill	<i>Scophthalmus rhombus</i>	3	27	3	3.b	3.c.23	
				27	3	3.c	3.c.22	
				27	3	3.d	3.d.24	
				27	3	3.d	3.d.25	
				27	3	3.d	3.d.26	
				27	3	3.d	3.d.27	
				27	3	3.d	3.d.28	
				27	3	3.d	3.d.29	
				27	3	3.d	3.d.30	
				27	3	3.d	3.d.31	
				27	3	3.d	3.d.32	
Cod (<i>Gadus morhua</i>) in ICES Subarea 14 and NAFO Division 1.F (East Greenland, South Greenland)	Cod	<i>Gadus morhua</i>	3	27	14			
				21	1.F			
Cod (<i>Gadus morhua</i>) in NAFO divisions 1.A–E, offshore (West Greenland)	Cod	<i>Gadus morhua</i>	3	21	1	1.A offshore		
				21	1	1.B offshore		
				21	1	1.C offshore		
				21	1	1.D offshore		
				21	1	1.E offshore		
				21	1	1.F offshore		
Cod (<i>Gadus morhua</i>) in NAFO Subarea 1, inshore (West Greenland cod)	Cod	<i>Gadus morhua</i>	3	21	1 inshore			

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2016 Stock name	Species Common Name	Scientific name	Stock data category	FAO major area	Subarea	Division	Subdivision	Unit, Functional Unit, or Sandeel Unit
Cod (<i>Gadus morhua</i>) in subareas 1 and 2 (Norwegian coastal waters cod)	Cod	<i>Gadus morhua</i>	3	27	1 coastal			
				27	2 coastal			
Cod (<i>Gadus morhua</i>) in Subdivision 3.a.21 (Kattegat)	Cod	<i>Gadus morhua</i>	3	27	3	3.a	3.a.21	
Cod (<i>Gadus morhua</i>) in Subdivision 5.b.2 (Faroe Bank)	Cod	<i>Gadus morhua</i>	3	27	5	5.b	5.b.2	
Cod (<i>Gadus morhua</i>) in subdivisions 25–32, eastern Baltic stock (eastern Baltic Sea)	Cod	<i>Gadus morhua</i>	3	27	3	3.d	3.d.25	
					3	3.d	3.d.26	
					3	3.d	3.d.27	
					3	3.d	3.d.28	
					3	3.d	3.d.29	
					3	3.d	3.d.30	
					3	3.d	3.d.31	
Dab (<i>Limanda limanda</i>) in Subarea 4 and Division 3.a (North Sea, Skagerrak and Kattegat)	Dab	<i>Limanda limanda</i>	3	27	4			
				27	3	3.a		
Dab (<i>Limanda limanda</i>) in subdivisions 22–32 (Baltic Sea)	Dab	<i>Limanda limanda</i>	3	27	3	3.c	3.c.22	
				27	3	3.b	3.b.23	
				27	3	3.d	3.d.24	
				27	3	3.d	3.d.25	
				27	3	3.d	3.d.26	
				27	3	3.d	3.d.27	
				27	3	3.d	3.d.28	
27	3	3.d	3.d.29					

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2016 Stock name	Species Common Name	Scientific name	Stock data category	FAO major area	Subarea	Division	Subdivision	Unit, Functional Unit, or Sandeel Unit
				27	3	3.d	3.d.30	
				27	3	3.d	3.d.31	
				27	3	3.d	3.d.32	
European eel (<i>Anguilla anguilla</i>) throughout its natural range	European eel	<i>Anguilla anguilla</i>	3	27	throughout its natural range			
				21				
				37				
				31				
<i>Elasmobranch stocks</i>								
Black-mouth dogfish (<i>Galeus melastomus</i>) in Subarea 8 and Division 9.a (Bay of Biscay and Atlantic Iberian waters)	Black-mouth dogfish	<i>Galeus melastomus</i>	3	27	8			
				27	9	9.a		
Blonde ray (<i>Raja brachyura</i>) in Division 9.a (Atlantic Iberian waters)	Blonde ray	<i>Raja brachyura</i>	3	27	9	9.a		
Cuckoo ray (<i>Leucoraja naevus</i>) in Division 8.c (Cantabrian Sea)	Cuckoo ray	<i>Leucoraja naevus</i>	3	27	8	8.c		
Cuckoo ray (<i>Leucoraja naevus</i>) in Division 9.a (Atlantic Iberian waters)	Cuckoo ray	<i>Leucoraja naevus</i>	3	27	9	9.a		
Cuckoo ray (<i>Leucoraja naevus</i>) in Subarea 4 and Division 3.a (North Sea, Skagerrak and Kattegat)	Cuckoo ray	<i>Leucoraja naevus</i>	3	27	4			
				27	3	3.a		
Cuckoo ray (<i>Leucoraja naevus</i>) in subareas 6–7 (West of Scotland,	Cuckoo ray	<i>Leucoraja naevus</i>	3	27	6			

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2016 Stock name	Species Common Name	Scientific name	Stock data category	FAO major area	Subarea	Division	Subdivision	Unit, Functional Unit, or Sandeel Unit
southern Celtic Seas, and western English Channel)				27	7			
Lesser-spotted dogfish (<i>Scyliorhinus canicula</i>) in divisions 8.a–b and 8.d (Bay of Biscay)	Lesser-spotted dogfish	<i>Scyliorhinus canicula</i>	3	27	8	8.a		
				27	8	8.b		
				27	8	8.d		
Lesser-spotted dogfish (<i>Scyliorhinus canicula</i>) in Subarea 4 and in divisions 3.a and 7.d (North Sea, Skagerrak and Kattegat, eastern English Channel)	Lesser-spotted dogfish	<i>Scyliorhinus canicula</i>	3	27	4			
				27	3	3.a		
				27	7	7.d		
Lesser-spotted dogfish (<i>Scyliorhinus canicula</i>) in Subarea 6 and divisions 7.a–c and 7.e–j (West of Scotland, Irish Sea, southern Celtic Seas)	Lesser-spotted dogfish	<i>Scyliorhinus canicula</i>	3	27	6			
				27	7	7.a		
				27	7	7.b		
				27	7	7.c		
				27	7	7.e		
				27	7	7.f		
				27	7	7.g		
				27	7	7.j		
Thornback ray (<i>Raja clavata</i>) in subareas 10 and 12 (Azores grounds and north of Azores)	Rays and skates	<i>Raja clavata</i>	3	27	10			
				27	12			
Small-eyed ray (<i>Raja microocellata</i>) in divisions 7.f and 7.g (Bristol Channel, Celtic Sea North)	Small-eyed ray	<i>Raja microocellata</i>	3	27	7	7.f		
				27	7	7.g		

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2016 Stock name	Species Common Name	Scientific name	Stock data category	FAO major area	Subarea	Division	Subdivision	Unit, Functional Unit, or Sandeel Unit
Smooth-hound (<i>Mustelus</i> spp.) in the Northeast Atlantic	Starry smoothhound	<i>Mustelus</i> spp.	3	27				
Spotted ray (<i>Raja montagui</i>) in Division 9.a (Atlantic Iberian waters)	Spotted ray	<i>Raja montagui</i>	3	27	9	9.a		
Spotted ray (<i>Raja montagui</i>) in divisions 7.a and 7.e–h (southern Celtic Seas and western English Channel)	Spotted ray	<i>Raja montagui</i>	3	27	7	7.a		
				27	7	7.e		
				27	7	7.f		
				27	7	7.g		
				27	7	7.h		
Spotted ray (<i>Raja montagui</i>) in Subarea 4 and in divisions 3.a and 7.d (North Sea, Skagerrak, Kattegat, and eastern English Channel)	Spotted ray	<i>Raja montagui</i>	3	27	4			
				27	3	3.a		
				27	7	7.d		
Spotted ray (<i>Raja montagui</i>) in Subarea 6 and divisions 7.b and 7.j (West of Scotland, west and southwest of Ireland)	Spotted ray	<i>Raja montagui</i>	3	27	6			
				27	7	7.b		
				27	7	7.j		
Spotted ray (<i>Raja montagui</i>) in Subarea 8 (Bay of Biscay)	Spotted ray	<i>Raja montagui</i>	3	27	8			
Spurdog (<i>Squalus acanthias</i>) in the Northeast Atlantic	Spurdog	<i>Squalus acanthias</i>	3	27				
Thornback ray (<i>Raja clavata</i>) in Division 9.a (Atlantic Iberian waters)	Thornback ray	<i>Raja clavata</i>	3	27	9	9.a		
Thornback ray (<i>Raja clavata</i>) in divisions 7.a and 7.f–g (Irish Sea, Bristol Channel, Celtic Sea North)	Thornback ray	<i>Raja clavata</i>	3	27	7	7.a		
				27	7	7.f		
				27	7	7.g		

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2016 Stock name	Species Common Name	Scientific name	Stock data category	FAO major area	Subarea	Division	Subdivision	Unit, Functional Unit, or Sandeel Unit
Thornback ray (<i>Raja clavata</i>) in Subarea 4 and in divisions 3.a and 7.d (North Sea, Skagerrak, Kattegat, and eastern English Channel)	Thornback ray	<i>Raja clavata</i>	3	27	3	3.a		
				27	4			
				27	7	7.d		
Thornback ray (<i>Raja clavata</i>) in Subarea 6 (West of Scotland)	Thornback ray	<i>Raja clavata</i>	3	27	6			
Thornback ray (<i>Raja clavata</i>) in Subarea 8 (Bay of Biscay)	Thornback ray	<i>Raja clavata</i>	3	27	8			
Flounder (<i>Platichthys flesus</i>) in Subarea 4 and Division 3.a (North Sea, Skagerrak and Kattegat)	Flounder	<i>Platichthys flesus</i>	3	27	4			
				27	3	3.a		
Flounder (<i>Platichthys flesus</i>) in subdivisions 22 and 23 (Belt Seas and the Sound)	Flounder	<i>Platichthys flesus</i>	3	27	3	3.c	3.c.22	
				27	3	3.b	3.b.23	
Flounder (<i>Platichthys flesus</i>) in subdivisions 24 and 25 (west of Bornholm and southwestern central Baltic)	Flounder	<i>Platichthys flesus</i>	3	27	3	3.d	3.d.24	
				27	3	3.d	3.d.25	
Flounder (<i>Platichthys flesus</i>) in subdivisions 26 and 28 (east of Gotland and Gulf of Gdansk)	Flounder	<i>Platichthys flesus</i>	3	27	3	3.d	3.d.26	
				27	3	3.d	3.d.28	
Flounder (<i>Platichthys flesus</i>) in subdivisions 27 and 29–32 (northern central and northern Baltic Sea)	Flounder	<i>Platichthys flesus</i>	3	27	3	3.d	3.d.27	
				27	3	3.d	3.d.29	
				27	3	3.d	3.d.30	
				27	3	3.d	3.d.31	
				27	3	3.d	3.d.32	

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2016 Stock name	Species Common Name	Scientific name	Stock data category	FAO major area	Subarea	Division	Subdivision	Unit, Functional Unit, or Sandeel Unit
Greater forkbeard (<i>Phycis blennoides</i>) in the Northeast Atlantic	Greater forkbeard	<i>Phycis blennoides</i>	3	27				
Greater silver smelt (<i>Argentina silus</i>) in divisions 5.b and 6.a (Faroes grounds and west of Scotland)	Greater silver smelt	<i>Argentina silus</i>	3	27	5	5.b		
				27	6	6.a		
Greater silver smelt (<i>Argentina silus</i>) in Subarea 14 and Division 5.a (East Greenland and Iceland grounds)	Greater silver smelt	<i>Argentina silus</i>	3	27	14			
				27	5	5.a		
Greater silver smelt (<i>Argentina silus</i>) in subareas 1, 2, and 4, and in Division 3.a (Northeast Arctic, North Sea, Skagerrak and Kattegat)	Greater silver smelt	<i>Argentina silus</i>	3	27	1			
				27	2			
				27	3	3.a		
				27	5			
Greater silver smelt (<i>Argentina silus</i>) in subareas 7–10 and 12, and in Division 6.b (other areas)	Greater silver smelt	<i>Argentina silus</i>	3	27	6	6.b		
				27	7			
				27	8			
				27	9			
				27	10			
				27	12			
Grey gurnard (<i>Eutrigla gurnardus</i>) in Subarea 4 and divisions 7.d and 3.a (North Sea, eastern English Channel, Skagerrak and Kattegat)	Grey gurnard	<i>Eutrigla gurnardus</i>	3	27	3	3.a		
				27	4			
				27	7	7.d		

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2016 Stock name	Species Common Name	Scientific name	Stock data category	FAO major area	Subarea	Division	Subdivision	Unit, Functional Unit, or Sandeel Unit
Haddock (<i>Melanogrammus aeglefinus</i>) in Division 7.a (Irish Sea)	Haddock	<i>Melanogrammus aeglefinus</i>	3	27	7	7.a		
Herring (<i>Clupea harengus</i>) in Subdivision 31 (Bothnian Bay)	Herring	<i>Clupea harengus</i>	3	27	3	3.d	3.d.31	
Lemon sole (<i>Microstomus kitt</i>) in Subarea 4 and divisions 3.a and 7.d (North Sea, Skagerrak and Kattegat, eastern English Channel)	Lemon sole	<i>Microstomus kitt</i>	3	27	3	3.a		
				27	4			
				27	7	7.d		
Ling (<i>Molva molva</i>) in Division 5.b (Faroes grounds)	Ling	<i>Molva molva</i>	3	27	5	5.b		
Ling (<i>Molva molva</i>) in subareas 1 and 2 (Northeast Arctic)	Ling	<i>Molva molva</i>	3	27	1			
				27	2			
Ling (<i>Molva molva</i>) in subareas 6–9, 12, and 14, and in divisions 3.a and 4.a (other areas)	Ling	<i>Molva molva</i>	3	27	3	3.a		
				27	4	4.a		
				27	6			
				27	7			
				27	8			
				27	9			
				27	12			
27	14							
Megrim (<i>Lepidorhombus</i> spp.) in Division 6.b (Rockall)	Megrim	<i>Lepidorhombus</i> spp.	3	27	6	6.b		
Norway lobster (<i>Nephrops norvegicus</i>) in Division 4.a, Functional Unit 10 (northern North Sea, Noup)	Nephrops	<i>Nephrops norvegicus</i>	4	27	4	4.a		10

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2016 Stock name	Species Common Name	Scientific name	Stock data category	FAO major area	Subarea	Division	Subdivision	Unit, Functional Unit, or Sandeel Unit
Norway lobster (<i>Nephrops norvegicus</i>) in Division 4.a, Functional Unit 32 (northern North Sea, Norway Deep)	Nephrops	<i>Nephrops norvegicus</i>	4	27	4	4.a		32
Norway lobster (<i>Nephrops norvegicus</i>) in Division 4.b, Functional Unit 33 (central North Sea, Horn's Reef)	Nephrops	<i>Nephrops norvegicus</i>	4	27	4	4.b		33
Norway lobster (<i>Nephrops norvegicus</i>) in Division 4.b, Functional Unit 34 (central North Sea, Devil's Hole)	Nephrops	<i>Nephrops norvegicus</i>	4	27	4	4.b		34
Norway lobster (<i>Nephrops norvegicus</i>) in Division 8.c, Functional Unit 25 (southern Bay of Biscay and northern Galicia)	Nephrops	<i>Nephrops norvegicus</i>	3	27	8	8.c		25
Norway lobster (<i>Nephrops norvegicus</i>) in Division 8.c, Functional Unit 31 (southern Bay of Biscay and Cantabrian Sea)	Nephrops	<i>Nephrops norvegicus</i>	3	27	8	8.c		31
Norway lobster (<i>Nephrops norvegicus</i>) in Division 9.a, Functional Unit 30 (Atlantic Iberian waters East and Gulf of Cadiz)	Nephrops	<i>Nephrops norvegicus</i>	3	27	9	9.a		30
Norway lobster (<i>Nephrops norvegicus</i>) in Division 9.a, functional units 26–27 (Atlantic Iberian waters East, western Galicia, and northern Portugal)	Nephrops	<i>Nephrops norvegicus</i>	3	27	9	9.a		26
				27	9	9.a		27

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2016 Stock name	Species Common Name	Scientific name	Stock data category	FAO major area	Subarea	Division	Subdivision	Unit, Functional Unit, or Sandeel Unit
Norway lobster (<i>Nephrops norvegicus</i>) in Division 9.a, functional units 28–29 (Atlantic Iberian waters East and southwestern and southern Portugal)	Nephrops	<i>Nephrops norvegicus</i>	3	27	9	9.a		28
				27	9	9.a		29
Norway lobster (<i>Nephrops norvegicus</i>) in divisions 4.b and 4.c, Functional Unit 5 (central and southern North Sea, Botney Gut–Silver Pit)	Nephrops	<i>Nephrops norvegicus</i>	4	27	4	4.b		5
				27	4	4.c		5
Norway lobster (<i>Nephrops norvegicus</i>) in divisions 7.g and 7.h, functional units 20 and 21 (Celtic Sea)	Nephrops	<i>Nephrops norvegicus</i>	4	27	7	7.g		20
				27	7	7.h		21
Norway lobster (<i>Nephrops norvegicus</i>) in divisions 8.a and 8.b, functional units 23–24 (northern and central Bay of Biscay)	Nephrops	<i>Nephrops norvegicus</i>	3	27	8	8.a		23
				27	8	8.a		23
				27	8	8.b		24
				27	8	8.b		24
Plaice (<i>Pleuronectes platessa</i>) in Division 7.a (Irish Sea)	Plaice	<i>Pleuronectes platessa</i>	3	27	7	7.a		
Plaice (<i>Pleuronectes platessa</i>) in Division 7.e (western English Channel)	Plaice	<i>Pleuronectes platessa</i>	3	27	7	7.e		
Plaice (<i>Pleuronectes platessa</i>) in divisions 7.f and 7.g (Bristol Channel, Celtic Sea)	Plaice	<i>Pleuronectes platessa</i>	3	27	7	7.f		
				27	7	7.g		

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2016 Stock name	Species Common Name	Scientific name	Stock data category	FAO major area	Subarea	Division	Subdivision	Unit, Functional Unit, or Sandeel Unit
Plaice (<i>Pleuronectes platessa</i>) in divisions 7h–k (Celtic Sea South, southwest of Ireland)	Plaice	<i>Pleuronectes platessa</i>	3	27	7	7.h		
				27	7	7.j		
				27	7	7.k		
Plaice (<i>Pleuronectes platessa</i>) in subdivisions 24–32 (Baltic Sea, excluding the Sound and Belt Seas)	Plaice	<i>Pleuronectes platessa</i>	3	27	3	3.d	3.d.24	
				27	3	3.d	3.d.25	
				27	3	3.d	3.d.26	
				27	3	3.d	3.d.27	
				27	3	3.d	3.d.28	
				27	3	3.d	3.d.29	
				27	3	3.d	3.d.30	
				27	3	3.d	3.d.31	
Pollack (<i>Pollachius pollachius</i>) in subareas 6–7 (Celtic Seas and the English Channel)	Pollack	<i>Pollachius pollachius</i>	4	27	6			
				27	7			
Red (=blackspot) seabream (<i>Pagellus bogaraveo</i>) in Subarea 9 (Atlantic Iberian waters)	Red (=blackspot) seabream	<i>Pagellus bogaraveo</i>	3	27	9			
Beaked redfish (<i>Sebastes mentella</i>) in Division 14.b, demersal (Southeast Greenland)	Beaked redfish	<i>Sebastes mentella</i>	3	27	14	14.b		
Beaked redfish (<i>Sebastes mentella</i>) in ICES subareas 5, 12, and 14 (Iceland and Faroese grounds, North of Azores, East of Greenland) and NAFO subareas 1 and 2 (shallow pelagic stock < 500 m)	Beaked redfish	<i>Sebastes mentella</i>	3	21	1 shallow pelagic			
				21	2 shallow pelagic			
				27	5 shallow pelagic			
				27	12 shallow pelagic			
				27	14 shallow pelagic			

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2016 Stock name	Species Common Name	Scientific name	Stock data category	FAO major area	Subarea	Division	Subdivision	Unit, Functional Unit, or Sandeel Unit
Beaked redfish (<i>Sebastes mentella</i>) in ICES subareas 6, 12, and 14 (Iceland and Faroes grounds, North of Azores, East of Greenland) and NAFO subareas 1 and 2 (deep pelagic stock > 500 m)	Beaked redfish	<i>Sebastes mentella</i>	3	21	1 deep pelagic			
				21	2 deep pelagic			
				27	6 deep pelagic			
				27	12 deep pelagic			
				27	14 deep pelagic			
Beaked redfish (<i>Sebastes mentella</i>) in Subarea 14 and Division 5.a, Icelandic slope stock (East of Greenland, Iceland grounds)	Beaked redfish	<i>Sebastes mentella</i>	3	27	5	5.a		
				27	14			
Sandeel (<i>Ammodytes</i> spp.) in divisions 4.a and 4.b, Sandeel Area 4 (northern and central North Sea)	Sandeel	<i>Ammodytes</i> spp.	3	27	4	4.a		20
				27	4	4.b		20
Sardine (<i>Sardina pilchardus</i>) in divisions 8.a–b and 8.d and in Subarea 7 (Bay of Biscay, southern Celtic Seas, and the English Channel)	Sardine	<i>Sardina pilchardus</i>	3	27	7			
				27	8	8.a		
				27	8	8.b		
				27	8	8.d		
Sea trout (<i>Salmo trutta</i>) in subdivisions 22–32 (Baltic Sea)	Sea trout	<i>Salmo trutta</i>	4	27	3	3.c	3.c.22	
				27	3	3.b	3.b.23	
				27	3	3.d	3.d.24	
				27	3	3.d	3.d.25	
				27	3	3.d	3.d.26	
				27	3	3.d	3.d.27	
				27	3	3.d	3.d.28	
				27	3	3.d	3.d.29	
				27	3	3.d	3.d.30	

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2016 Stock name	Species Common Name	Scientific name	Stock data category	FAO major area	Subarea	Division	Subdivision	Unit, Functional Unit, or Sandeel Unit
				27	3	3.d	3.d.31	
				27	3	3.d	3.d.32	
Sole (<i>Solea solea</i>) in divisions 7.h–k (Celtic Sea South, southwest of Ireland)	Sole	<i>Solea solea</i>	3	27	7	7.h		
				27	7	7.j		
				27	7	7.k		
Sprat (<i>Sprattus sprattus</i>) in Division 3.a (Skagerrak and Kattegat)	Sprat	<i>Sprattus sprattus</i>	3	27	3	3.a		
Sprat (<i>Sprattus sprattus</i>) in divisions 7.d and 7.e (English Channel)	Sprat	<i>Sprattus sprattus</i>	3	27	7	7.d		
				27	7	7.e		
Striped red mullet (<i>Mullus surmuletus</i>) in Subarea 4 and divisions 7.d and 3.a (North Sea, eastern English Channel, Skagerrak and Kattegat)	Striped red mullet	<i>Mullus surmuletus</i>	3	27	3	3.a		
				27	4			
				27	7	7.d		
Turbot (<i>Scophthalmus maximus</i>) in Division 3.a (Skagerrak and Kattegat)	Turbot	<i>Scophthalmus maximus</i>	3	27	3	3.a		
Turbot (<i>Scophthalmus maximus</i>) in Subarea 4 (North Sea)	Turbot	<i>Scophthalmus maximus</i>	3	27	4			
Turbot (<i>Scophthalmus maximus</i>) in subdivisions 22–32 (Baltic Sea)	Turbot	<i>Scophthalmus maximus</i>	3	27	3	3.c	3.c.22	
				27	3	3.b	3.b.23	
				27	3	3.d	3.d.24	
				27	3	3.d	3.d.25	
				27	3	3.d	3.d.26	
				27	3	3.d	3.d.27	
				27	3	3.d	3.d.28	
				27	3	3.d	3.d.29	

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2016 Stock name	Species Common Name	Scientific name	Stock data category	FAO major area	Subarea	Division	Subdivision	Unit, Functional Unit, or Sandeel Unit
				27	3	3.d	3.d.30	
				27	3	3.d	3.d.31	
				27	3	3.d	3.d.32	
Tusk (<i>Brosme brosme</i>) in Division 6.b (Rockall)	Tusk	<i>Brosme brosme</i>	3	27	6	6.b		
Tusk (<i>Brosme brosme</i>) in subareas 1 and 2 (Northeast Arctic)	Tusk	<i>Brosme brosme</i>	3	27	1			
				27	2			
Tusk (<i>Brosme brosme</i>) in subareas 4 and 7–9, and in divisions 3.a, 5.b, 6.a, and 12.b (Northeast Atlantic)	Tusk	<i>Brosme brosme</i>	3	27	4			
				27	7			
				27	8			
				27	9			
				27	3	3.a		
				27	5	5.b		
				27	6	6.a		
				27	12	12.b		
Whiting (<i>Merlangius merlangus</i>) in Division 7.a (Irish Sea)	Whiting	<i>Merlangius merlangus</i>	3	27	7	7.a		
Witch (<i>Glyptocephalus cynoglossus</i>) in Subarea 4 and divisions 3.a and 7.d (North Sea, Skagerrak and Kattegat, eastern English Channel)	Witch flounder	<i>Glyptocephalus cynoglossus</i>	3	27	4			
				27	3	3.a		
				27	7	7.d		

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Annex 2. Specification of data required for the 2017 ICES data call for category 3 and 4 stocks. ICES Countries are requested to provide all available historical landings and discard data by length from all available years and other supporting information for selected data-limited stocks in categories 3 and 4 (see Annex 1 for species and area list).

Type of data	Specification
Country	2-3 letter code(see Annex 3)
Species	species 3 letter code(see Annex 1 of formal data call)
Area	smallest possible ICES area (see Annex 1)
Aggregation	quarter
Length composition	1 cm intervals and 1 mm for Norway lobster
Year	year

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Annex 3. Country codes for use by InterCatch in the 2017 ICES data call for category 3 and 4 stocks.

BE	Belgium	JE	UK (Channel Island Jersey)
CA	Canada	LT	Lithuania
DE	Germany	LV	Latvia
DK	Denmark	NL	Netherlands
EE	Estonia	NO	Norway
ES	Spain	PL	Poland
FI	Finland	PT	Portugal
FO	Faroe Islands	RU	Russia
FR	France	SE	Sweden
GG	UK (Channel Island Guernsey)	UK	United Kingdom
GL	Greenland	UKE	UK (England)
IE	Ireland	UKN	UK(Northern Ireland)
IM	UK (Isle of Man)	UKS	UK(Scotland)
IS	Iceland	US	United States
IT	Italy		

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Annex 4. Other supporting information in the 2017 ICES data call for category 3 and 4 stocks.

“Other supporting information” would include information on life history traits, if available, noting that some candidate reference points may require input on L_{mat} (length at first maturity), growth parameters (e.g., L_{inf} , K), and M (natural mortality). ICES recognizes that for countries which are also EU members, this type of information is not under the DCF regulation ((EC) No 199/2008). That said, this type of information is important to the delivery of advice associated with this data call. ICES asks that countries report this information if they are aware of it, but it is not obligatory.

^ If information is provided on traits not listed in the template, include them in these rows with the parameter name in the comments column.						
	Value	Reference	Country code	Stock code	Species code	Comments
Lmat						
Linf						
K						
M						
Unspecified parameter^						
Unspecified parameter^						