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Our Ref: L.27/ACB/AC

11 September 2015

Subject: Data call **2nd revision**: All available historical landings and discard data (in length or weight and by gear type) in support of ICES work for the advice on F_{MSY} proxies for data-limited stocks in ICES categories 3 and 4 that are addressed in WKLIFE V and WKProxy that will take place in 2015.

Dear Reader

Please find enclosed a **revised** document and appendices describing the rationale, scope and technical details of this ICES data call for length or weight data for landings and discard for selected data-limited stocks in categories 3 and 4.

The data will be used by ICES workshops and working groups and other future ICES activities in relation to fisheries management advice. The outcomes of these workshops include the basis for ICES advice to fisheries management regarding MSY proxies for data-limited stocks in Western Waters that is scheduled for release in December 2015. Additional ICES Working Groups may also use the data to further develop fish stock assessment methods for the production of ICES advice.

The data requested will be analyzed and used only for scientific evaluation of the stock status and advice. For countries which are also EU members this data call is under the DCF regulation ((EC) No 199/2008).

In case of questions please contact the ICES Secretariat (advice@ices.dk and Anne.Cooper@ices.dk) for clarification.

Sincerely,

A handwritten signature in black ink that reads "Anne Christine Brusendorff". The signature is written in a cursive style with some loops and flourishes.

Anne Christine Brusendorff

CC: Carl O'Brien, Manuela Azevedo, Alain Biseau (WKLIFE V and WKProxy co-hairs)

Data call **2nd revision** : Data submission for ICES advisory work

Note that revised content is found in sections noted ***revised***

Scope of the Data call ***revised***

ICES Countries are requested to provide all available historical landings and discard data by length* from all available years and other supporting information** for data-limited stocks in categories 3 and 4. The list of stocks included in the data call is provided in Annex 1, the specified format for uploading landing/discard data is [the InterCatch Exchange Format \(see Annex 2 for details\)](#), and the format for providing “other supporting information” is provided in Annex 3. All countries having catch or landings data on these stocks should submit data.

* If landings/catch data are not available by length, but they are available by weight, the latter can be submitted. In this case, contact Anne Cooper from ICES secretariat (Anne.Cooper@ices.dk and advice@ices.dk) for further support on submitting data by weight. Note that length data are preferred.

** “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) (see Annex 3). 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.

Deadline

The data should be delivered no later than 8th October 2015. 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 said data for the provision of advice and the development of methods for stock assessment. It would be helpful that some data are already available before the start of the Fifth Workshop on the Development of Quantitative Assessment Methodologies based on LIFE-history traits (WKLIFE V) meeting, which will take place 5-9 October. ICES, therefore, kindly asks that priority is given to this data request and effort are made to reach a non-official deadline of 02 October 2015.

Table 1. Data submission deadline for ICES expert groups and respective chair contact.

| Role | Name | Email address | Data submission deadline |
|--|---------------------------------|--|--------------------------|
| WKLIFE V chairs | Carl O'Brien Manuela Azevedo | carl.obrien@cefas.co.uk mazevedo@ipma.pt | 8.10.2015 |
| WKProxy | Carl O'Brien Alain Biseau | carl.obrien@cefas.co.uk abiseau@ifremer.fr | |
| WKLIFE V & WKProxy <i>ICES Secretariat contacts</i> | Anne Cooper | anne.cooper@ices.dk advice@ices.dk | |

Rationale

The requested data will be used by several ICES workshops and working groups related with the provision of ICES advice. 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) will take place 05-09 October, 2015; this workshop will develop assessment methodologies for data-limited stocks throughout the ICES area. The Workshop to consider MSY proxies for stocks in ICES category 3 and 4 stocks in Western Waters (WKProxy) will take place 03-06 November 2015; this workshop will implement the methodologies developed at WKLIFE V to produce proxies for F_{MSY} for ICES stocks categories 3 and 4 in the Western Waters (see species and areas listed in Annex 1). The outcomes of the WKLIFE V and WKProxy will be used as the basis for ICES advice to address an EU request to provide F_{MSY} proxies for data-

20150911_ICES data call for WKLIFE5_WKProxy_2015

limited stocks in the Western Waters, scheduled for December, 2015. The data requested in this data call are required in order to provide advice to respond to the request.

Data submission * revised*

Based on feedback from data submitters, ICES has revised this data call specification to use the InterCatch Exchange format for landings and discard data.

ICES Countries are requested to supply all available historical landings and discard data (by length or weight and gear type) and other supporting information as specified in Annex 2 and Annex 3 to ICES directly via accessions@ices.dk.

DO NOT UPLOAD DATA TO INTERCATCH.

Annex 1. List of stocks and areas in the ICES data call for WKLIFE5_WKProxy_2015.

| Species common name | ICES stock code | Species scientific name | ICES areas included in the stock area |
|--|-----------------|-----------------------------------|--|
| Black bellied anglerfish | Anb-78 | <i>Lophius budegassa</i> | Divisions VIIb, VIIc, VIId, VIIe, VIIf, VIIg, VIIh, VIIj, VIIk, VIIla, VIIlb, VIIId |
| White anglerfish | Anp-78 | <i>Lophius piscatorius</i> | Divisions VIIb, VIIc, VIId, VIIe, VIIf, VIIg, VIIh, VIIj, VIIk, VIIla, VIIlb, VIIId |
| Black bellied anglerfish | Ang-ivvi | <i>Lophius budegassa</i> | Division IIIa; Sub-areas IV, VI |
| White anglerfish | Ang-ivvi | <i>Lophius piscatorius</i> | Division IIIa; Sub-areas IV, VI |
| Greater silver smelt | Arg-123a4 | <i>Argentina silus</i> | Sub-areas I, II, IV; Division IIIa |
| Greater silver smelt | Arg-rest | <i>Argentina silus</i> | Sub-areas VII, VIII, IX, X, XII; Division VIb |
| Greater silver smelt | Arg-icel | <i>Argentina silus</i> | Sub-area XIV; Division Va |
| Greater silver smelt | Arg-5b6a | <i>Argentina silus</i> | Divisions Vb, VIa |
| European seabass | Bss-8ab | <i>Dicentrarchus labrax</i> | Divisions VIIla, VIIlb |
| Haddock | Had-iris | <i>Melanogrammus aeglefinus</i> | Division VIIa |
| Ling | Lin-oth | <i>Molva molva</i> | Divisions IIIa, IVa; Sub-areas VI, VII, VIII, IX, XII, XIV |
| Megrim | meg-rock | <i>Lepidorhombus</i> spp. | Division VIb |
| Megrim | mgw-78 | <i>Lepidorhombus whiffiagonis</i> | Divisions VIIb, VIIc, VIId, VIIe, VIIf, VIIg, VIIh, VIIj, VIIk, VIIla, VIIlb, VIIId |
| <i>Nephrops</i> | Nep-2021 | <i>Nephrops norvegicus</i> | Divisions VIIg, VIIh FU 20 FU 21 |
| <i>Nephrops</i> | Nep-2324 | <i>Nephrops norvegicus</i> | Divisions VIIla, VIIlb FU 23 FU 24 |
| <i>Nephrops</i> | Nep-25 | <i>Nephrops norvegicus</i> | Division VIIlc FU 25 |
| <i>Nephrops</i> | Nep-2627 | <i>Nephrops norvegicus</i> | Sub-area IXa FU26 Statistical rectangles 13–14 E0–E1 FU 27 Statistical rectangles 6–12 E0; 9–12 E1 |
| Nephrops in South-West and South Portugal (FU 28-29) | Nep-2829 | <i>Nephrops norvegicus</i> | Sub-area IXa FU28 Statistical rectangles 3–5 E0–E1 FU29 Statistical rectangles 2 E0–E2 |
| Nephrops in Gulf of Cadiz (FU 30) | Nep-30 | <i>Nephrops norvegicus</i> | Sub-area IXa FU30 Statistical rectangles 2–3 E2–E3 |
| Nephrops in the Cantabrian Sea (FU 31) | Nep-31 | <i>Nephrops norvegicus</i> | Division VIIlc FU 31 |
| Plaice | Ple-7h-k | <i>Pleuronectes platessa</i> | Divisions VIIh, VIIj, VIIk |
| Plaice | Ple-celt | <i>Pleuronectes platessa</i> | Divisions VIIf, VIIg |

| Species common name | ICES stock code | Species scientific name | ICES areas included in the stock area |
|---------------------|-----------------|------------------------------|---|
| Plaice | Ple-iris | <i>Pleuronectes platessa</i> | Division VIIa |
| Pollack | Pol-celt | <i>Pollachius pollachius</i> | Subareas VI, VII |
| Sole | Sol-7h-k | <i>Solea solea</i> | Divisions VIIh, VIIj, VIIk |
| Tusk | Usk-oth | <i>Brosme brosme</i> | Sub-areas IV, VII, VIII, IX; and Divisions IIIa, Vb, VIa, XIIb, VIb |
| Whiting | Whg-iris | <i>Merlangius merlangus</i> | Division VIIa |

Data submitters are welcome to directly contact the stock coordinators while including anne.cooper@ices.dk in the e-mail correspondence. The contact information for relevant stock coordinators and stock codes are given in Annex 4.

Annex 2. Specification of catch data required for the ICES data call for WKLIFE5_WKProxy_2015 * revised*.

ICES Countries are requested to provide all available historical landings and discard data by length from all available years for selected data-limited stocks in categories 3 and 4 (see Annex 1 for species and area list). If landings/discard data are not available by length, but they are available by weight, please contact Anne.Cooper@ices.dk. Length data are preferred.

The revised specification for this data call is the InterCatch Exchange Format. Do not upload data to InterCatch. Data should only be uploaded to Accessions for this data call.

For more information on InterCatch Exchange formatting, see the ICES Website <http://www.ices.dk/marine-data/data-portals/Pages/InterCatch.aspx> (see image below). Many ICES data submitters use their own scripts to convert data to the InterCatch Exchange format. If you do not have your own script, or access to a working script from another data provider, the weblink given above provides format conversion tools including a Data Submission Workbook, IC Filemaker spreadsheet example, IC Filemaker documentation, and a conversion program to the exchange format spreadsheet. If you need further assistance, contact Anne.Cooper@ices.dk.

The screenshot shows the ICES CIEM Data Portals website. The main content area is titled "DATA PORTALS" and features a section for "InterCatch". The "InterCatch" section includes a description of the system, a "LOGIN REQUIRED" section, and a "Program to convert to InterCatch file format" section. The "Format Conversion Tools" section is highlighted with a red box and contains the following links:

- Get InterCatchFilemaker
- InterCatchFilemaker conversion program and the exchange format spreadsheet
- Get Data Submission Workbook
- IC Filemaker documentation
- IC Filemaker spreadsheet example
- Get .NET Framework version 1.1

Two red stars are placed to the right of the "Format Conversion Tools" section.

Data submission

Data should be submitted directly to ICES on a country*stock*year of data basis. Each country should upload multiple files for each stock, one for each year of data reporting.

DO NOT UPLOAD DATA TO INTERCATCH.

Send all data to accessions@ices.dk with the subject and file name as follows:

"Country_YEAR_DataCall2015_DLS_[stock code]"

For example:

FRA_2013_DataCall2015_DLS_anp-8c9a

This file name would correspond to the French data collected in 2013 for the 2015 data call on data-limited stocks for anglerfish in VIIIc and IXa. An additional file would be submitted for the 2014 data,

FRA_2014_DataCall2015_DLS_anp-8c9a.

* If landings/discard data are not available by length, but they are available by weight, weight data can be submitted. Please contact Anne.Cooper@ices.dk if submitting weight data. Length data are preferred.

The received files will be made available to the respective stock coordinators, the workshop chairs, and workshop participants.

Periodicity of reporting * revised*.

Annual reporting of data is acceptable for this data call. If reporting annual data, enter the annual data as if it were quarter 1 data.

If using the Data Submission Workbook from the ICES website (see below) * revised*.

This workbook is a useful tool for data providers who do not have their own script for producing data in the InterCatch Exchange Format. This workbook is available on the ICES website (see image above), but ICES has not made changes to the content of this spreadsheet for this data call. Therefore, for example, in the CANUM ByLength tab shown below, columns, C, F, I and L, rows 9-11 specify "Numbers at age". ICES is not asking for "Numbers at age" in this data call but "numbers per length class" (see blue arrows). Therefore, ignore "age" in these instances when uploading the length data.

If reporting annual data only, use the Quarter1 columns (C and D) to report the annual data (see red arrow).

| CATCH IN WEIGHT AND NUMBER, LENGTH AND WEIGHT AT LENGTH | | | | | | | | | | | | | | | |
|---|-----------------|-------------|-------------|------------------|---------------|-------------|----------------|--|-------------|----------------|-------------|-------------|--|--|--|
| Country: | <Country Name> | | | Area: | <Enter Area> | | | Landings only: Fill in Landings and Sample Weights. Copy the CANUM Effort if you have discards | | | | | | | |
| Species: | Ammodytes spp | | | Fleet: | <Enter Fleet> | | | | | | | | | | |
| Year: | <Analysis Year> | | | Prepared (date): | <Date> | | | | | | | | | | |
| Effort: | | | | | | | | | | | | | | | |
| | Quarter 1 | | | Quarter 2 | | | Quarter 3 | | | Quarter 4 | | | | | |
| | Numbers at age | Mean Length | Mean Weight | Numbers at age | Mean Length | Mean Weight | Numbers at age | Mean Length | Mean Weight | Numbers at age | Mean Length | Mean Weight | | | |
| | (+000) | (cm) | (Kg) | (+000) | (cm) | (Kg) | (+000) | (cm) | (Kg) | (+000) | (cm) | (Kg) | | | |
| length | | | | | | | | | | | | | | | |
| 1 | | | | | | | | | | | | | | | |
| 2 | | | | | | | | | | | | | | | |
| 3 | | | | | | | | | | | | | | | |
| 4 | | | | | | | | | | | | | | | |
| 5 | | | | | | | | | | | | | | | |

Units

Landings, discards: by number and in kilograms at 1 cm intervals.

Year must be entered as four digits, e.g. "2014".

If submitting data by weight, provide weight intervals and units that are appropriate for the stock.

Data on landings and discards * revised*

When data are submitted via the InterCatch Exchange Format, it is requested to fill in the following sampling information fields for both landing and discard samples:

- Number samples, field: No Samples
- Number measured, field: No. Measured

These cells are specified in all Data Submission Workbook CANUM by Length tabs, as shown with the red arrow below.

| | | | | | |
|-----|---|-----|-----|-----|-----|
| 119 | | 108 | | | |
| 120 | | 109 | | | |
| 121 | | 110 | | | |
| 122 | | 111 | | | |
| 123 | | 112 | | | |
| 124 | +group--> | 113 | | | |
| 125 | TotalMean --> | | na: | na: | na: |
| 126 | | | | | |
| 127 | Official Catch (t) | | | | (t) |
| 128 | Unallocated (t) | | | | (t) |
| 129 | Area-Misreported (t) | | | | (t) |
| 130 | Discards (t) | | | | (t) |
| 131 | Sampled Catch (t) | | | | (t) |
| 132 | WG Catch (t) | | | | (t) |
| 133 | | | SoP | na | (t) |
| 134 | | | SoP | na | (%) |
| 135 | | | | | |
| 136 | No. Samples | | | | |
| 137 | No. Measured | | | | |
| 138 | | | | | |
| 139 | | | | | |
| 140 | The following are 3 comment fields (max. 250 char). Do NOT use COMMAS "," (commas will ruin the format) | | | | |
| 141 | InfoFleet comments | | | | |
| 142 | InfoStockCoordinator comments | | | | |
| 143 | InfoGeneral comments | | | | |
| 144 | | | | | |

The default units of the samples in the record types "No. Samples" of the species data record should be number of hauls, in any doubt contact the stock coordinator (see contacts in Annex 4). The unit used should be given in the species information field named "InfoStockCoordinatorComments" as shown in the red circle above. 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.

Zero landings or discards

If there has been no catch for a specific stock from a country, "zero" comment must be entered into the "InfoGeneral comments" field stating that there was no official catch for an area or species, as shown in the red circle above, 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. E.g. stocks where there are catches in quarter 1, 2 and 4 and not on quarter 3. In case of this example, a catch of zero should be added for quarter 3. Similarly, if discard data are unknown/unavailable there should be no entry for discards. A value of zero should only be entered when zero discards were observed.

Data on landings and discards by gear class * revised*

Report the numbers of fish (for landings and discards separately) by size class (i.e. length or weight) per gear class (e.g. trawl, gillnet) at Level 2 of the defined in the [Commission Decision on the data Collecting Framework \(2010/93/EU\)](#), Appendix IV. Note that the recreational gear class is only applicable for Seabass in this data call.

If using the Data Submission Workbook from the ICES website, the gear class is entered at the top (see red arrow). Note that this data call requests data at Level 2 of the defined in the [Commission Decision on the data Collecting Framework \(2010/93/EU\)](#), Appendix IV. If there are data from more than one level 2 gears, there should be a separate worksheet/tab for each [gear *area* landings] and [gear *area* discards].

| CATCH IN WEIGHT AND NUMBER, LENGTH AND WEIGHT AT AGE | | | | | | | | | | | | | | |
|--|----------|-----------------|-----------|--------|--------|-----------|--------|------------------|-------------------|--------|--------|-----------|------------------------|--------|
| 1 | | | | | | | | | | | | | Landings only: Fill in | |
| 2 | | | | | | | | | | | | | Landings and Samp | |
| 3 | | | | | | | | | | | | | Copy the 'CANUME | |
| 4 | | | | | | | | | | | | | If you have discards | |
| 5 | Country: | UK(Scotland) | | | | | | Area: | IIa | | | | | |
| 6 | Species: | Astacus astacus | | | | | | Fleet: | OTB_DEF_80-99_0_0 | | | | | |
| 7 | Year: | 2012 | | | | | | Prepared (date): | 6.2.2013 | | | | | |
| 8 | Effort: | | | | | | | | | | | | | |
| 9 | | | Quarter 1 | | | Quarter 2 | | | Quarter 3 | | | Quarter 4 | | |
| 10 | year | | Numbers | Mean | Mean | Numbers | Mean | Mean | Numbers | Mean | Mean | Numbers | Mean | Mean |
| 11 | class | age | at age | Length | Weight | at age | Length | Weight | at age | Length | Weight | at age | Length | Weight |
| 12 | 2012 | 0 | (*000) | (cm) | (Kg) | (*000) | (cm) | (Kg) | (*000) | (cm) | (Kg) | (*000) | (cm) | (Kg) |
| 13 | 2011 | 1 | 795.267 | 12.6 | 0.011 | 16.580 | 13.0 | 0.012 | 0.023 | 17.3 | 0.029 | | | |
| 14 | 2010 | 2 | 819.647 | 19.3 | 0.043 | 21.717 | 20.4 | 0.054 | 0.467 | 19.6 | 0.048 | | | |

Annex 3. Specification of data required for the ICES data call for WKLIFE5_WKProxy_2015, “Other supporting information”.

ICES Countries are requested to provide all available information on the life history traits of the stocks/species, “Other supporting information”. This would include information on life history traits, if available, noting that some candidate reference points may require input on Lmat (length at first maturity), growth parameters (e.g., Linf, K) and M (natural mortality). *See attached Excel document, titled, “20151109_Annex3_ICES2015_DLS_DataCall”, for a working copy of the spreadsheet below.*

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.

Data submission

Data should be submitted directly to ICES on a country*stock* basis. Send all data to accessions@ices.dk . One file per country per stock is requested for Annex 3.

DO NOT UPLOAD DATA TO INTERCATCH.

File naming

Send all data to accessions@ices.dk with the subject and file name as follows:

"Country_DataCall2015_DLS_[stock code_OtherSupportingInformation]"

For example:

FRA_DataCall2015_DLS_anp-8c9a_OtherSupportingInformation

Annex 3, Tab 1, “START HERE”. This tab provides information on the use of this information for the data call, given that it is not obligatory under the DCF regulation ((EC) No 199/2008) for ICES Countries that are also EU members.

Annex 3, Tab 2, “NamingFiles”. This tab explains how to name files for Annex 3. In the example file name would correspond to the Annex3 French submission for the 2015 data call on data-limited stocks for anglerfish in VIIIc and IXa. One file per country per stock is requested for Annex 3.

Annex 3, Tab 3, “OtherSupportingInformation”. Fill in the yellow cells, including information on the source or reference of the life history traits.

| | Value | Reference | Country code | Stock code | Species code | Comments |
|------------------------|-------|-----------|--------------|------------|--------------|----------|
| Lmat | | | | | | |
| Linf | | | | | | |
| K | | | | | | |
| M | | | | | | |
| Unspecified parameter^ | | | | | | |
| Unspecified parameter^ | | | | | | |

^ If information is provided on traits not listed in the template, include them in these rows with the parameter name in the comments column.

Annex 4. Contact list for the ICES data call for WKLIFE5_WKProxy_2015.

| Stock code | Species Common Name | Species Scientific Name | Full stock name | Stock coordinator 1 | Assessment coordinator 1 |
|------------|--------------------------|--|---|--|--|
| ALL | ALL | ALL | All stocks | Anne Cooper <Anne.Cooper@ices.dk> | |
| anb-78ab | Black-bellied anglerfish | <i>Lophius budegassa</i> | Black-bellied anglerfish (<i>Lophius budegassa</i>) in Divisions VIIb–k and VIIIa,b,d (West and Southwest of Ireland, Bay of Biscay) | Lisa Readdy <lisa.readdy@cefas.co.uk> | Lisa Readdy <lisa.readdy@cefas.co.uk> |
| ang-ivvi | Anglerfish | <i>Lophiidae</i> (<i>Lophius budegassa</i> + <i>Lophius piscatorius</i>) | Anglerfish (<i>Lophius piscatorius</i> and <i>L. budegassa</i>) in Subareas IV, VI and Division IIIa (North Sea, Rockall and West of Scotland, Skagerrak and Kattegatt) | Liz Clarke <e.d.clarke@marlab.ac.uk> | Liz Clarke <e.d.clarke@marlab.ac.uk> |
| anp-78ab | White anglerfish | <i>Lophius piscatorius</i> | White anglerfish (<i>Lophius piscatorius</i>) in Divisions VIIb–k and VIIIa,b,d (Southern Celtic Seas, Bay of Biscay) | Iñaki Quincoces <iquincoces@azti.es> | Iñaki Quincoces <iquincoces@azti.es> |
| arg-123a4 | Greater silver smelt | <i>Argentina silus</i> | Greater silver smelt (<i>Argentina silus</i>) in Subareas I, II, IV and Division IIIa (Northeast Arctic, North Sea, Skagerrak and Kattegat) | Elvar Halldor Hallfredsson <elvarh@imr.no> | Elvar Halldor Hallfredsson <elvarh@imr.no> |
| arg-5b6a | Greater silver smelt | <i>Argentina silus</i> | Greater silver smelt (<i>Argentina silus</i>) in Divisions Vb and VIa (Faroes grounds, West of Scotland) | Lise H. Ofstad <liseo@hav.fo> | Lise H. Ofstad <liseo@hav.fo> |
| arg-icel | Greater silver smelt | <i>Argentina silus</i> | Greater silver smelt (<i>Argentina silus</i>) in Subarea XIV and Division Va (East Greenland, Iceland Grounds) | Bjarki Thor Elvarsson <bthe@hafro.is> | Bjarki Thor Elvarsson <bthe@hafro.is> |
| arg-rest | Greater silver smelt | <i>Argentina silus</i> | Greater silver smelt (<i>Argentina silus</i>) in Subareas VII-X, XII and Division VIb (other areas) | Elvar Halldor Hallfredsson <elvarh@imr.no> | Elvar Halldor Hallfredsson <elvarh@imr.no> |

| Stock code | Species Common Name | Species Scientific Name | Full stock name | Stock coordinator 1 | Assessment coordinator 1 |
|------------|---------------------|-----------------------------------|--|--|--|
| Bss-8ab | Seabass | <i>Dicentrarchus labrax</i> | Seabass (<i>Dicentrarchus labrax</i>) in Divisions VIIIa,b (Bay of Biscay North and Central) | Mickael Drogou <Mickael.Drogou@ifremer.fr> | Mickael Drogou <Mickael.Drogou@ifremer.fr> |
| had-iris | Haddock | <i>Melanogrammus aeglefinus</i> | Haddock (<i>Melanogrammus aeglefinus</i>) in Division VIIa (Irish Sea) | Mathieu Lundy <mathieu.lundy@afbini.gov.uk> | Mathieu Lundy <mathieu.lundy@afbini.gov.uk> |
| lin-oth | Ling | <i>Molva molva</i> | Ling (<i>Molva molva</i>) in Subareas VI-IX, XII, and XIV, and in Divisions IIIa and IVa (other areas) | Kristin Helle <kristin.helle@imr.no> | Kristin Helle <kristin.helle@imr.no> |
| meg-rock | Megrim | <i>Lepidorhombus</i> | Megrim (<i>Lepidorhombus spp.</i>) in Division VIb (Rockall) | Norman Graham <norman.graham@marine.ie> | Norman Graham <norman.graham@marine.ie> |
| mgw-78 | Megrim | <i>Lepidorhombus whiffiagonis</i> | Megrim (<i>Lepidorhombus whiffiagonis</i>) in Divisions VIIb-k and VIIIa,b,d (West and Southwest of Ireland, Bay of Biscay) | Ane Iriondo (airiondo@azti.es) | Ane Iriondo (airiondo@azti.es) |
| nep-2021 | Norway lobster | <i>Nephrops norvegicus</i> | Norway lobster (<i>Nephrops spp.</i>) in Division VIIg,VIIh, FU 20 and FU 21 (Celtic Sea) | Spyros Fifas <spyros.fifas@ifremer.fr> | Spyros Fifas <spyros.fifas@ifremer.fr> |
| nep-2324 | Norway lobster | <i>Nephrops norvegicus</i> | Norway lobster (<i>Nephrops spp.</i>) in Division VIIIa and b, FUs 23-24 (Bay of Biscay North and Central) | Spyros Fifas <spyros.fifas@ifremer.fr> | Spyros Fifas <spyros.fifas@ifremer.fr> |
| nep-25 | Norway lobster | <i>Nephrops norvegicus</i> | Norway lobster (<i>Nephrops spp.</i>) in Division VIIIc, FU 25 (Bay of Biscay South, North Galicia) | Yolanda Vila <yolanda.vila@cd.ieo.es> | |
| nep-2627 | Norway lobster | <i>Nephrops norvegicus</i> | Norway lobster (<i>Nephrops spp.</i>) in Division IXa, FUs 26-27 (Atlantic Iberian Waters East, West Galicia and North Portugal) | Cristina Silva <csilva@ipma.pt> | |
| nep-2829 | Norway lobster | <i>Nephrops norvegicus</i> | Norway lobster (<i>Nephrops spp.</i>) in Division IXa, FUs 28-29 (Atlantic Iberian Waters East, Southwest and South Portugal) | Cristina Silva <csilva@ipma.pt> | |
| nep-30 | Norway lobster | <i>Nephrops norvegicus</i> | Norway lobster (<i>Nephrops spp.</i>) in Division IXa, FU 30 (Atlantic Iberian Waters East, Gulf of Cadiz) | Yolanda Vila <yolanda.vila@cd.ieo.es> | |

| Stock code | Species Common Name | Species Scientific Name | Full stock name | Stock coordinator 1 | Assessment coordinator 1 |
|------------|---------------------|------------------------------|---|--|--|
| nep-31 | Norway lobster | <i>Nephrops norvegicus</i> | Norway lobster (<i>Nephrops spp.</i>) in Division VIIIc, FU 31 (Bay of Biscay South, Cantabrian Sea) | Yolanda Vila <yolanda.vila@cd.iew.es> | |
| ple-7h-k | Plaice | <i>Pleuronectes platessa</i> | Plaice (<i>Pleuronectes platessa</i>) in Divisions VIIIh-k (Celtic Sea South, Southwest of Ireland) | Hans Gerritsen <hans.gerritsen@marine.ie> | Hans Gerritsen <hans.gerritsen@marine.ie> |
| ple-celt | Plaice | <i>Pleuronectes platessa</i> | Plaice (<i>Pleuronectes platessa</i>) in Divisions VIIf,g (Bristol Channel, Celtic Sea) | Vladimir Laptikhovskiy <Vladimir.Laptikhovskiy@cefas.co.uk> | Vladimir Laptikhovskiy <Vladimir.Laptikhovskiy@cefas.co.uk> |
| ple-iris | Plaice | <i>Pleuronectes platessa</i> | Plaice (<i>Pleuronectes platessa</i>) in Division VIIa (Irish Sea) | Ian Holmes <ian.holmes@cefas.co.uk> | Chris Darby <chris.darby@cefas.co.uk> |
| pol-celt | Pollack | <i>Pollachius pollachius</i> | Pollack (<i>Pollachius pollachius</i>) in Subareas VI-VII (Celtic Seas and the English Channel) | Eric Foucher <eric.foucher@ifremer.fr> | Eric Foucher <eric.foucher@ifremer.fr> |
| sol-7h-k | Sole | <i>Solea solea</i> | Sole (<i>Solea solea</i>) in Divisions VIIIh-k (Celtic Sea South, Southwest of Ireland) | Hans Gerritsen <hans.gerritsen@marine.ie> | Hans Gerritsen <hans.gerritsen@marine.ie> |
| usk-oth | Tusk | <i>Brosme brosme</i> | Tusk (<i>Brosme brosme</i>) in Subareas IV, VII-IX and Divisions IIIa, Vb, VIa, and XIIb (Northeast Atlantic) | Kristin Helle <kristin.helle@imr.no> | Kristin Helle <kristin.helle@imr.no> |
| usk-rock | Tusk | <i>Brosme brosme</i> | Tusk (<i>Brosme brosme</i>) in Division VIb (Rockall) | Kristin Helle <kristin.helle@imr.no> | Kristin Helle <kristin.helle@imr.no> |
| whg-iris | Whiting | <i>Merlangius merlangus</i> | Whiting (<i>Merlangius merlangus</i>) in Division VIIa (Irish Sea) | Sara-Jane Moore <sara-jane.moore@marine.ie> | Sara-Jane Moore <sara-jane.moore@marine.ie> |