

16.3 ICES fisheries overviews

Introduction

Fisheries overviews are central products in ICES approach to support ecosystem-based management (EBM), the primary way of managing human activities affecting marine ecosystems. The overviews have been established, taking into account feedback from both the recipients of ICES advice and its stakeholders. They are synthetic products that provide the 'fisheries narrative' for each ecoregion and thereby, together with ecosystem and aquaculture overviews, set the broader ecosystem context for other, usually more focused ICES advice products. The fisheries overviews are based on information provided by expert groups and use automated data products and GIS layers from accepted legitimate sources. The overviews are finalized in an advice drafting group and approved by ICES Advisory Committee.

The fisheries overviews are included in a number of cooperative agreements that ICES has with national agencies and international organizations and commissions; they also reach the wider scientific community, including ICES network. Given this broad audience, the overviews evolve through both top-down processes (advisory requests and decisions about strategic direction) and bottom-up processes (information streams that highlight new science products from ICES network).

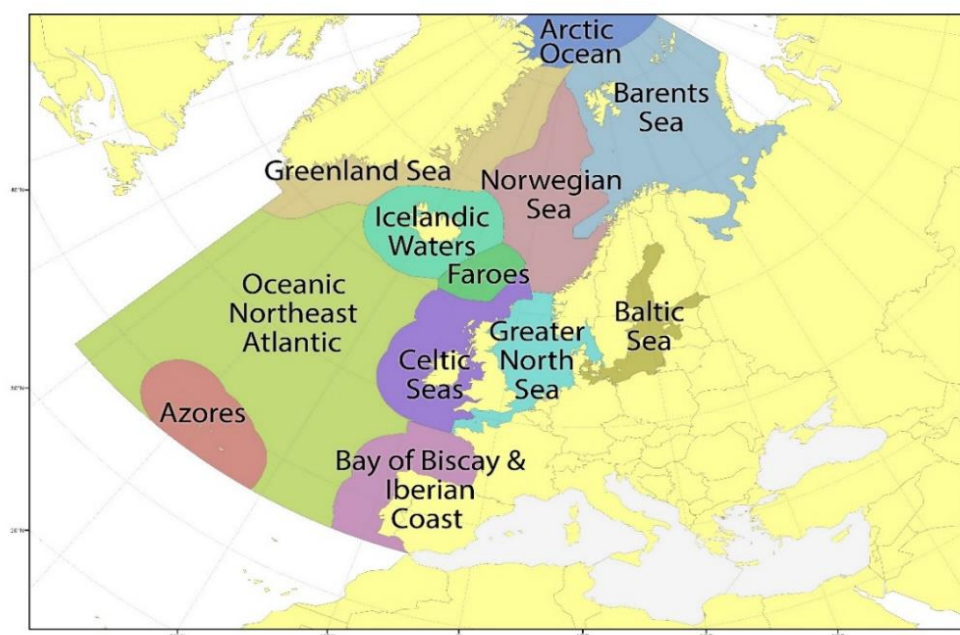


Figure 1 Map of ICES ecoregions.

Structure

The fisheries overviews are structured around the ten sections, with their content and guidance as follows:

1. **Key signals** – summarizes the fisheries-related key signals in the ecoregion which need to be taken into account in EBM
2. **Introduction** – defines the ecoregion and briefly describes the content of the overview
3. **Catches over time** – describes the spatio-temporal patterns of fisheries by species, fleets, and gears; text and standard figures describe the size of landings by fish category and species, country, and gear types; contains information about discards, together with standard figures on landings and discards, and discard rates by fish category

4. **Description of fisheries** – shows nominal effort (as standardized graphs) by different countries and gear types over time and spatial distribution of average annual fishing effort and landings for the main fisheries within the ecoregion; provides spatial distribution maps of landings of key species; describes the magnitude and extent of fishing fleet activity in the ecoregion, including the gears used; includes information on recreational and small-scale fisheries; describes technical interactions occurring in different fisheries by distinct areas and species, together with mixed-fisheries figures
5. **Fisheries management** – provides information about international and national management frameworks/agreements, management tools, technical measures, and spatial management considerations; gives information on management plans; provides species/species group level information
6. **Status of the fishery resources** – shows the evaluation of fishing mortality and spawning-stock size against MSY and PA reference points as well as other reference points used in harvest control rules as well as the assessment of the status of fish stocks relative to safe biological limits and MSFD D3 assessment criteria; provides standardized figures on the summary status and temporal trends of stocks by fish category (MSFD indicators are not included in the Barents Sea ecoregion.)
7. **Interactions between fisheries and the ecosystem** – identifies key top-down and bottom-up foodweb interactions and associated impacts relative to fishing; describes species interactions taken into account in stock assessments; considers both species-level information and modelling outputs
8. **Effects of fisheries on the ecosystem** – provides information on the abrasion of the seabed by mobile bottom-contacting fishing gear, together with standardized spatial maps on average annual surface and subsurface disturbance expressed as average swept-area ratio; provides information on bycatch of protected, endangered, and threatened species (PETS) while assessing the risk and impact of fleet activity on incidental bycatch
9. **Sources and references**
10. **Annexes**

Guidelines

The below guidelines need to be followed during production of the fisheries overviews:

- Provide only essential information about the ecoregion in the 'Introduction' section. As much as possible, be consistent with the ecosystem overview.
- Ensure appropriate cross-referencing and avoid unnecessary overlap with the ecosystem overview.
- Provide as much numerical and species-level information as possible when describing fisheries and catches.
- Reflect any important differences within an ecoregion; fisheries overviews are specific to ICES ecoregions and written for each region as a whole.
- Use text that is assertive and uses specific language without too many qualifications, stating what are facts and what are not (i.e. where information is uncertain or data are lacking).
- Provide information/details on the spatial scale, uncertainty/confidence, any aggregation of time-series, and time-series length.
- Where data from an area is partial – e.g. if data has been provided by three out of four countries – a pragmatic approach assessing whether the available data may be considered to give a reliable impression of trends/pressures, etc. across that region will be taken.
- Fully document data and knowledge sources, for example by using the data profiling tool.
- Produce figures and tables, where possible, using open databases and methodologies.
- Follow FAIR (findable, accessible, interoperable, and reusable) data principles for both input and output.

- Embed the process (methods, data, and outputs) to the Transparent Assessment Framework (TAF).
- Production of figures and tables should be automated using the icesFO package and GIS methods where applicable.
- For sections on 'Interactions between fisheries and the ecosystem' and 'Effects of fisheries on the ecosystem', avoid duplication with relevant sections in ecosystem overviews. Make a cross-reference to ecosystem overview where more detailed info can be found.

Defining areas

The areas included in a particular ecoregion are all those areas in the current ICES ecoregion definition. In addition, the historical areas corresponding to full or partial ICES areas are included. The detailed information for all ICES ecoregions can be found in Annex 1.

Defining species/stocks

The list of stocks assessed by ICES for all ICES ecoregions can be found in Annex 2.

Guidance for nominated experts working on the annual updates

- The ACOM member responsible for each fisheries overview should designate one or two experts to both work on the overview throughout the year and be the main contact points for ICES Secretariat.
- For text updates (should be completed by beginning of September):
 - The expert(s) should coordinate with the Secretariat to review any edits suggested by assessment working groups.
- For figure updates:
 - After the advice for an ecoregion is released, the expert(s) should check that the stock status table and reference points in ICES Stock Assessment Database (SAG) are correct for each stock in the overview. The Secretariat will inform in advance when stocks are released.
 - A first run of the new figures will be provided by the Secretariat once the stocks have been verified in SAG. This timeline will be provided to the expert(s) in advance and is ecoregion dependent.
 - Figures produced by the Secretariat using historical catch data, STECF data, and VMS data will also be supplied to the expert(s) as soon as available. The expert(s) will be informed of the timeline well in advance.
 - The expert(s) will scrutinize each figure and list any mistakes.
 - A second, corrected, run of all figures will be provided to the expert(s). This should be well in advance of the Fisheries Overview Advice Drafting Group (ADGFO), although dependent on release of all stocks.
 - ADGFO members should have at least one full week to look over the corrected figures.
- The expert(s) should ensure they have time during the ADGFO to look over any figure alterations and return comments the same day/by the following day.
- There is likely to be around two weeks between the end of the ADGFO and the release of the advice. Communication by email with the Secretariat may be needed to finalize the advice.

Update, revision, and expansion

This involves the three following categories:

Update	Particular information such as figures/tables and associated text should be updated, and mistakes should be corrected annually. The updates are coordinated by the Secretariat.
Revision	This includes review and full revision of all sections of the fisheries overview, taking into account feedback from recipients of advice and stakeholders. The revision will be led by a designated ACOM member and nominated expert(s) and carried out jointly with the Secretariat. Revision is recommended every five years.

Expansion Any new items resulting from the pipeline process (details below) can be added annually. This process requires intersessional work with input from one or more expert groups (EGs) as well as the involvement of ACOM and the Secretariat.

Incorporation of new topics

The incorporation of new topics into the fisheries overviews takes place through the pipeline process. The purpose of the pipeline is to secure the further development of the overviews through:

- encouraging more EGs to engage in thinking about the potential contribution of their work to the overviews;
- providing a more formalized development and testing ground for topics that may become part of the overviews;
- familiarizing scientists in ICES network with good practice and quality criteria for the inclusion of topics in the advisory evidence base;
- providing EGs with regular feedback, review, and guidance to assist them in developing topics for the overviews.

The pipeline process consists of five steps:

Step 1 – Initial scoping and defining of a new topic.

The proposed new topic should ideally meet all seven criteria (see bullet points below). The new topic should generally be proposed either by ICES community or stakeholders, and it should address a specific management objective.

Step 2 – Knowledge development and quality-assured data.

This step mostly involves EG development of the new topic, including knowledge development and synthesis and assurance of data quality and transparency. These activities may take place either in existing working group meetings or dedicated workshops.

Step 3 – Peer review.

This step involves peer review of the output (from Step 2) by both independent external reviewers and ACOM. This step should strictly follow ICES advice framework. Feedback is then provided to the experts, which may include a request to clarify issues and/or revisions to the topic.

Step 4 – Drafting the advice and transfer to TAF.

This step involves the drafting of the advice by an ADG and the transfer of the topic methods, data, and outputs to TAF. This stage should strictly follow ICES guidelines of advice. During the drafting step, the ADG may ask experts to clarify certain issues.

Step 5 – Approval of the advice and publishing.

Approval of the advice by ACOM and inclusion of the topic in the fisheries overviews.

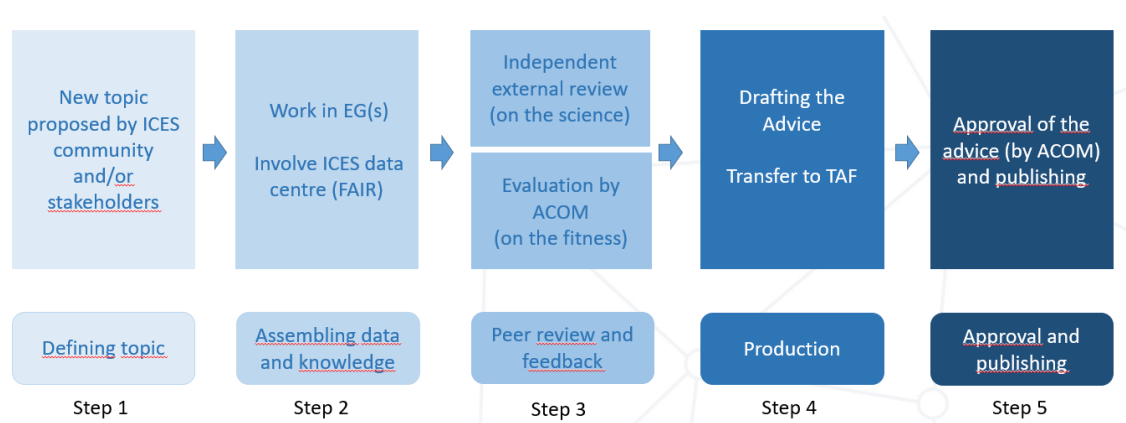


Figure 2 The five-step process for the inclusion of new topics in fisheries overviews.

Criteria for inclusion of a new topic in fisheries overviews

Ideally, the proposed new topic should:

- support the role of fisheries overviews;
- be of interest to requesters of ICES advice and/or stakeholder(s);
- be based on mature and peer-reviewed science;
- be supported by the capacity of experts to deliver periodical updates; i.e. the availability of experts with the required skills, resources, and time for providing and analysing data and delivering text/contributions;
- be applicable for all (if not then most) ICES ecoregions;
- be based on quality-assured data which follow the FAIR data principles;
- embed the process (methods, data, and outputs) to TAF.

To initiate the process for the inclusion of a new topic

A one-page proposal defining your topic (with a brief title) and addressing the inclusion criteria outlined above (for proposal template see Annex 3) should be sent to [Sarah Millar](#). It will be reviewed by ACOM Leadership and ACOM.

Feedback

Feedback from experts

Feedback from the experts is in order to correct factual errors in the fisheries overview and provide a review of the text with appropriate justification.

1. Identify the problem;
2. Provide suggested text (and display material, if needed);
3. Provide references (unpublished material or unvalidated sources should not be used);

Feedback from the ADG to the experts

This is to ensure a feedback loop from the advisory process.

1. Provide a list of the changes made in the substance of the draft text, together with justification;
2. Provide reasoning and necessity for the technical changes made;

3. Provide information on any key discussions held during the advisory process relevant for further improvement of the fisheries overview.

Feedback from the recipients of advice and stakeholders

An opportunity for feedback from recipients of advice and stakeholders should also be included as part of the agenda for the annual MIRIA and MIACO meetings.

References

Data Profiling Tool – <https://www.ices.dk/data/tools/Pages/Data-profiler.aspx>.

FAIR – <https://www.go-fair.org/fair-principles/>

icesFO package – <https://github.com/ices-tools-prod/icesFO/tree/devel>

ICES Stock Assessment Database – <https://www.ices.dk/data/assessment-tools/Pages/stock-assessment-graphs.aspx>

Transparent Assessment Framework – <https://www.ices.dk/data/assessment-tools/Pages/transparent-assessment-framework.aspx>

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Annex 1 List of (sub)areas by ecoregions

Azores

Full ICES areas: 10.a.2

Historical data

Corresponding to current full ICES areas: -

ICES areas partially in the ecoregion: X (not specified), X a (not specified).

Baltic Sea

Full ICES areas: 3.b; 3.c, 3.d

Historical data

Corresponding to current full ICES areas: III b-d (not specified), III d (not specified), III b+c (not specified), III b Baltic 23, III c Baltic 22, III d Baltic 24, III d Baltic 25, III d Baltic 26, III d Baltic 27, III d Baltic 28-1, III d Baltic 28-2, III d Baltic 28 (not specified), III d Baltic 29, III d Baltic 30, III d Baltic 31, III d Baltic 32

With partial correspondence to current ICES areas: III (not specified).

Barents Sea

Full ICES areas: 1.a

ICES areas partially in the ecoregion: 2.a.2; 2.b.2; 1.b

Historical data

Corresponding to current full ICES areas: I a

With partial correspondence to current ICES areas: I + II a; I; I b; II; II a; II a2; II b; II b2.

Bay of Biscay and the Iberian Coast

Full ICES areas: 8.a; 8.b; 8.c; 8.e.2; 9.a; 9.b

Historical data

Corresponding to current full ICES areas: VIII a; VIII b; VIII c; VIII d2; VIII e2; IX a; IX b2

With partial correspondence to current ICES areas: VIII d, VIII e; IX; IX b.

Celtic Seas

Full ICES areas: 6.a; 6.b.2; 7.a; 7.b; 7.c.2; 7.f; 7.g; 7.h; 7.j.2; 7.k.2

ICES areas partially in the ecoregion: 7.e; 4.a, 2.a.2

Historical data

Corresponding to current full ICES areas: VI a; VI b2; VII a; VII b; VII c2; VII f; VII g; VII h; VII j2; VII k2

With partial correspondence to current ICES areas: VI b; VII; VII a-f; VII b+c; VII c; VII d+e; VII d-k; VII f-k; VII g-k; VII j; VII k.

Faroes

Full ICES areas: 5.b.2

ICES areas partially in the ecoregion: 2.a.2, 5.b.1.b

Historical data

Corresponding to current full ICES areas: II a2, V b2

With partial correspondence to current ICES areas: I and IIa (not specified), II (not specified), II a (not specified), V (not specified), V a+b1 (not specified), V b (not specified), V b1 (not specified), V b1B.

Greater North Sea

Full ICES areas: 3.a; 4.b; 4.c; 7.d

ICES areas partially in the ecoregion: 4.a; 7.e

Historical data

Corresponding to current full ICES areas: III a, IV b, IV b+c (not specified), IV c, VII d

With partial correspondence to current ICES areas: IIIa and IV (not specified), IIIa and IVa+b (not specified), IV (not specified), IV a, IV a+b (not specified).

Greenland Sea

Full ICES areas: 12.a.3

ICES areas partially in the ecoregion: 14.b.2; 14.a

Historical data

Corresponding to current full ICES areas: XII a3

With partial correspondence to current ICES areas: XII a (not specified), XII (not specified), XIV (not specified), XIV a, XIV b (not specified), XIV b2, I and IIa (not specified), II (not specified), II b (not specified), II b2.

Icelandic Waters

Full ICES areas: 5.a.1; 12.a.4

ICES areas partially in the ecoregion: 5.a.2; 14.b.2; 14.a; 2.a.2; 5.b.1.b

Historical data

Corresponding to current full ICES areas: V a (North-East), V a (South-West), V a1

With partial correspondence to current ICES areas: V (not specified), V a (not specified), V a+b1 (not specified), V a2, V b (not specified), V b1 (not specified), V b1B, I and IIa (not specified), II (not specified), II a2, XII (not specified), XII a (not specified), XIV (not specified), XIV a, XIV b (not specified), XIV b2.

Norwegian Sea

Full ICES areas: 2.a.1; 2.b.1.

ICES areas partially in the ecoregion: 2.a.2; 2.b.2; 14.a

Historical data

Corresponding to current full ICES areas: II a1; II b1

With partial correspondence to current ICES areas: I + II a; II; II a; II a2; II b; II b2, XIV, XIVa.

Oceanic Northeast Atlantic

Full ICES areas: 10.a.1; 10.b; 12.c; 12.a.1; 12.a.2; 14.b.1; 12.b; 5.b.1.a; 6.b.1; 7.c.1; 7.k.1; 7.j.1; 8.d.1; 8.e.1; 9.b.1

Historical data

Corresponding to current full ICES areas: X b, XII a1, XII b, XIV b1, VI b1, VII c1, VII k1, VIII e1, VIII d1, IX b1

ICES areas partially in the ecoregion: X (not specified), X a (not specified), XII (not specified), XII a (not specified), XIV (not specified), XIV b (not specified), VI (not specified), VI b (not specified), VII (not specified), VII a-f (not specified), VII b+c (not specified), VII c (not specified), VII d-k (not specified), VII f-k (not specified), VII g-k (not specified), VII k (not specified), VIII (not specified), VIII e (not specified), VIII d (not specified), IX (not specified), IX b (not specified).

Annex 2 List of species/stocks by ecoregion**Azores ecoregion**

Stock name	Species
alf.27.nea	Alfonsinos in subareas 1–10, 12, and 14
bsf.27.nea	Black scabbardfish in subareas 1, 2, 4–8, 10, and 14, and divisions 3.a, 9.a, and 12.b
cyo.27.nea	Portuguese dogfish in subareas 1–10, 12, and 14
gag.27.nea	Tope in subareas 1–10, 12, and 14
gfb.27.nea	Greater forkbeard in subareas 1–10, 12, and 14
guq.27.nea	Leafscale gulper shark in subareas 1–10, 12, and 14
jaa.27.10a2	Blue jack mackerel in Subdivision 10.a.2
por.27.nea	Porbeagle in subareas 1–10, 12, and 14
raj.27.1012	Rays and skates in subareas 10 and 12
sbr.27.10	Blackspot seabream in Subarea 10
sck.27.nea	Kitefin shark in subareas 1–10, 12, and 14
thr.27.nea	Thresher sharks in subareas 10 and 12, and in divisions 7.c–k and 8.d–e

Baltic Sea ecoregion

Stock name	Species
bll.27.22-32	Brill in subdivisions 22–32
bwp.27.2729-32	Baltic flounder in subdivisions 27 and 29–32
bwq.27.2425	Flounder in subdivisions 24 and 25
bwq.27.2628	Flounder in subdivisions 26 and 28
cod.27.22-24	Cod in subdivisions 22–24, western Baltic stock
cod.27.24-32	Cod in subdivisions 24–32, eastern Baltic stock
dab.27.22-32	Dab in subdivisions 22–32
ele.2737.nea	European eel throughout its natural range
fle.27.2223	Flounder in subdivisions 22 and 23
her.27.20-24	Herring in subdivisions 20–24, spring spawners
her.27.25-2932	Herring in subdivisions 25–29 and 32, excluding the Gulf of Riga
her.27.28	Herring in Subdivision 28.1
her.27.3031	Herring in subdivisions 30 and 31
ple.27.21-23	Plaice in subdivisions 21–23
ple.27.24-32	Plaice in subdivisions 24–32
sol.27.20-24	Sole in subdivisions 20–24
spr.27.22-32	Sprat in subdivisions 22–32
tur.27.22-32	Turbot in subdivisions 22–32

Barents Sea ecoregion

Stock name	Species
aru.27.123a4	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)
cap.27.1-2	Capelin (<i>Mallotus villosus</i>) in subareas 1 and 2 (Northeast Arctic), excluding Division 2.a west of 5°W (Barents Sea capelin)
cod.27.1-2	Cod (<i>Gadus morhua</i>) in subareas 1 and 2 (Northeast Arctic)
cod.27.1-2coast	Cod (<i>Gadus morhua</i>) in subareas 1 and 2 (Norwegian coastal waters cod)

Stock name	Species
gfb.27.nea	Greater forkbeard (<i>Phycis blennoides</i>) in subareas 1–10, 12, and 14 (the Northeast Atlantic and adjacent waters)
ghl.27.1-2	Greenland halibut (<i>Reinhardtius hippoglossoides</i>) in subareas 1 and 2 (Northeast Arctic)
had.27.1-2	Haddock (<i>Melanogrammus aeglefinus</i>) in subareas 1 and 2 (Northeast Arctic)
lin.27.1-2	Ling (<i>Molva molva</i>) in subareas 1 and 2 (Northeast Arctic)
pok.27.1-2	Saithe (<i>Pollachius virens</i>) in subareas 1 and 2 (Northeast Arctic)
pra.27.1-2	Northern shrimp (<i>Pandalus borealis</i>) in subareas 1 and 2 (Northeast Arctic)
reb.27.1-2	Beaked redfish (<i>Sebastes mentella</i>) in subareas 1 and 2 (Northeast Arctic)
reg.27.1-2	Golden redfish (<i>Sebastes norvegicus</i>) in subareas 1 and 2 (Northeast Arctic)
rjr.27.23a4	Starry ray (<i>Amblyraja radiata</i>) in subareas 2 and 4, and Division 3.a (Norwegian Sea, North Sea, Skagerrak and Kattegat)
rng.27.1245a8914ab	Roundnose grenadier (<i>Coryphaenoides rupestris</i>) in subareas 1, 2, 4, 8, and 9, Division 14.a, and in subdivisions 14.b.2 and 5.a.2 (Northeast Atlantic and Arctic Ocean)
usk.27.1-2	Tusk (<i>Brosme brosme</i>) in subareas 1 and 2 (Northeast Arctic)

Bay of Biscay and Iberian Coast ecoregion

Stock name	Species
agn.27.nea	Angel shark in subareas 1–10, 12, and 14
alf.27.nea	Alfonsinos in subareas 1–10, 12, and 14
ane.27.8	Anchovy in Subarea 8
ane.27.9a	Anchovy in Division 9.a
ank.27.78abd	Black-bellied anglerfish in Subarea 7 and divisions 8.a–b and 8.d
ank.27.8c9a	Black-bellied anglerfish in divisions 8.c and 9.a
aru.27.6b7-1012	Greater silver smelt in subareas 7–10 and 12, and Division 6.b
bli.27.nea	Blue ling in Subareas 1, 2, 8, 9, and 12, and divisions 3.a and 4.a
boc.27.6-8	Boarfish in subareas 6–8
bsf.27.nea	Black scabbardfish in subareas 1, 2, 4–8, 10, and 14, and divisions 3.a, 9.a, and 12.b
bsk.27.nea	Basking shark in subareas 1–10, 12, and 14
bss.27.8ab	Sea bass in divisions 8.a–b
cyo.27.nea	Portuguese dogfish in subareas 1–10, 12, and 14
dgs.27.nea	Spurdog in subareas 1–10, 12, and 14
ele.2737.nea	European eel throughout its natural range
gag.27.nea	Tope in subareas 1–10, 12, and 14
gfb.27.nea	Greater forkbeard in subareas 1–10, 12, and 14
guq.27.nea	Leafscale gulper shark in subareas 1–10, 12, and 14
gur.27.3-8	Red gurnard in subareas 3–8
hke.27.3a46-8abd	Hake in subareas 4, 6, and 7, and divisions 3.a, 8.a–b, and 8.d; Northern stock
hke.27.8c9a	Hake in divisions 8.c and 9.a; Southern stock
hom.27.2a4a5b6a7a-ce-k8	Horse mackerel in Subarea 8 and divisions 2.a, 4.a, 5.b, 6.a, 7.a–c, and 7.e–k
hom.27.9a	Horse mackerel in Division 9.a
ldb.27.7b-k8abd	Four-spot megrim in divisions 7.b–k, 8.a–b, and 8.d
ldb.27.8c9a	Four-spot megrim in divisions 8.c and 9.a
lin.27.3a4a6-91214	Ling in subareas 6–9, 12, and 14, and divisions 3.a and 4.a
mac.27.nea	Mackerel in subareas 1–8 and 14 and Division 9.a
meg.27.7b-k8abd	Megrim in divisions 7.b–k, 8.a–b, and 8.d
meg.27.8c9a	Megrim in divisions 8.c and 9.a
mon.27.78abd	White anglerfish in Subarea 7 and divisions 8.a–b and 8.d

Stock name	Species
mon.27.8c9a	White anglerfish in divisions 8.c and 9.a
mur.27.67a-ce-k89a	Striped red mullet in subareas 6 and 8, and divisions 7.a–c, 7.e–k, and 9.a
nep.fu.2324	Norway lobster in divisions 8.a and 8.b, functional units 23–24
nep.fu.25	Norway lobster in Division 8.c, Functional Unit 25
nep.fu.2627	Norway lobster in Division 9.a, functional units 26–27
nep.fu.2829	Norway lobster in Division 9.a, functional units 28–29
nep.fu.30	Norway lobster in Division 9.a, Functional Unit 30
nep.fu.31	Norway lobster in Division 8.c, Functional Unit 31
ory.27.nea	Orange roughy in subareas 1–10, 12, and 14
pil.27.8abd	Sardine in divisions 8.a–b and 8.d
pil.27.8c9a	Sardine in divisions 8.c and 9.a
pol.27.89a	Pollack in Subarea 8 and Division 9.a
por.27.nea	Porbeagle in subareas 1–10, 12, and 14
raj.27.89a	Rays and skates in Subarea 8 and Division 9.a
rja.27.nea	White skate in subareas 1–10, 12, and 14
rjc.27.8	Thornback ray in Subarea 8
rjc.27.9a	Thornback ray in Division 9.a
rjh.27.9a	Blonde ray in Division 9.a
rjm.27.8	Spotted ray in Subarea 8
rjm.27.9a	Spotted ray in Division 9.a
rjn.27.678abd	Cuckoo ray in subareas 6–7 and divisions 8.a–b and 8.d
rjn.27.8c	Cuckoo ray in Division 8.c
rjn.27.9a	Cuckoo ray in Division 9.a
rju.27.8ab	Undulate ray in divisions 8.a–b
rju.27.8c	Undulate ray in Division 8.c
rju.27.9a	Undulate ray in Division 9.a
rng.27.1245a8914ab	Roundnose grenadier in subareas 1, 2, 4, 8, and 9, Division 14.a, and in subdivisions 14.b.2 and 5.a.2
sbr.27.6-8	Blackspot seabream in subareas 6–8
sbr.27.9	Blackspot seabream in Subarea 9
sck.27.nea	Kitefin shark in subareas 1–10, 12, and 14
sdv.27.nea	Smooth-hound in subareas 1–10, 12, and 14
sho.27.89a	Black-mouth dogfish in Subarea 8 and Division 9.a
sol.27.8ab	Sole in divisions 8.a–b
sol.27.8c9a	Sole in divisions 8.c and 9.a
syc.27.8abd	Lesser spotted dogfish in divisions 8.a–b and 8.d
syc.27.8c9a	Lesser spotted dogfish in divisions 8.c and 9.a
usk.27.3a45b6a7-912b	Tusk in subareas 4 and 7–9 and divisions 3.a, 5.b, 6.a, and 12.b
whb.27.1-91214	Blue whiting in subareas 1–9, 12, and 14
whg.27.89a	Whiting in Subarea 8 and Division 9.a

Celtic Seas ecoregion

Stock name	Species
agn.27.nea	Angel shark in subareas 1–10, 12, and 14
alf.27.nea	Alfonsinos in subareas 1–10, 12, and 14
anf.27.3a46	Anglerfish in Subareas 4 and 6, and Division 3.a
ank.27.78abd	Black-bellied anglerfish in Subarea 7 and divisions 8.a–b and 8.d
ank.27.78abd	Black-bellied anglerfish in Subarea 7 and in divisions 8.a–b and 8.d
aru.27.5b6a	Greater silver smelt in divisions 5.b and 6.a
aru.27.6b7-1012	Greater silver smelt in subareas 7–10 and 12, and Division 6.b
bli.27.5b67	Blue ling in subareas 6–7 and Division 5.b
boc.27.6-8	Boarfish in subareas 6–8
bsf.27.nea	Black scabbardfish in subareas 1, 2, 4–8, 10, and 14, and divisions 3.a, 9.a, and 12.b
bsk.27.nea	Basking shark in subareas 1–10, 12, and 14
bss.27.4bc7ad-h	Sea bass in divisions 4.b–c, 7.a, and 7.d–h
bss.27.6a7bj	Seabass in divisions 6.a, 7.b, and 7.j
cod.27.6a	Cod in Division 6.a
cod.27.6b	Cod in Division 6.b
cod.27.7a	Cod in Division 7.a
cod.27.7e-k	Cod in divisions 7.e–k
cyo.27.nea	Portuguese dogfish in subareas 1–10, 12, and 14
dgs.27.nea	Spurdog in Subareas 1–10, 12, and 14
ele.2737.nea	European eel throughout its natural range
gag.27.nea	Tope in subareas 1–10, 12, and 14
gfb.27.nea	Greater forkbeard in subareas 1–10, 12, and 14
ghl.27.561214	Greenland halibut in subareas 5, 6, 12, and 14
guq.27.nea	Leafscale gulper shark in subareas 1–10, 12, and 14
gur.27.3-8	Red gurnard in subareas 3–8
had.27.46a20	Haddock in Subarea 4, Division 6.a, and Subdivision 20
had.27.6b	Haddock in Division 6.b
had.27.7a	Haddock in Division 7.a
had.27.7b-k	Haddock in Divisions 7.b–k
her.27.6a7bc	Herring in divisions 6.a and 7.b–c
her.27.irls	Herring in divisions 7.a South of 52°30'N, 7.g–h, and 7.j–k
her.27.nirs	Herring in Division 7.a North of 52°30'N
hke.27.3a46-8abd	Hake in subareas 4, 6, and 7, and divisions 3.a, 8.a–b, and 8.d, Northern stock
hom.27.2a4a5b6a7a-ce-k8	Horse mackerel in Subarea 8 and divisions 2.a, 4.a, 5.b, 6.a, 7.a–c, and 7.e–k
ldb.27.7b-k8abd	Four-spot megrim in divisions 7.b–k, 8.a–b, and 8.d
lez.27.4a6a	Megrim in divisions 4.a and 6.a
lez.27.6b	Megrim in Division 6.b
lin.27.3a4a6-91214	Ling in subareas 6–9, 12, and 14, and divisions 3.a and 4.a
mac.27.nea	Mackerel in subareas 1–8 and 14 and division 9.a
meg.27.7b-k8abd	Megrim in divisions 7.b–k, 8.a–b, and 8.d
mon.27.78abd	White anglerfish in Subarea 7 and divisions 8.a–b and 8.d
mur.27.67a-ce-k89a	Striped red mullet in subareas 6 and 8, and divisions 7.a–c, 7.e–k, and 9.a
nep.27.6aoutFU	Norway lobster in Division 6.a, outside the functional units

Stock name	Species
nep.27.7outFU	Norway lobster in Division 7, outside the functional units
nep.fu.11	Norway lobster in Division 6.a, Functional Unit 11
nep.fu.12	Norway lobster in Division 6.a, Functional Unit 12
nep.fu.13	Norway lobster in Division 6.a, Functional Unit 13
nep.fu.14	Norway lobster in Division 7.a, Functional Unit 14
nep.fu.15	Norway lobster in Division 7.a, Functional Unit 15
nep.fu.16	Norway lobster in divisions 7.b–c and 7.j–k, Functional Unit 16
nep.fu.17	Norway lobster in Division 7.b, Functional Unit 17
nep.fu.19	Norway lobster in divisions 7.a, 7.g, and 7.j, Functional Unit 19
nep.fu.2021	Norway lobster in divisions 7.g and 7.h, functional units 20 and 21
nep.fu.22	Norway lobster in divisions 7.f and 7.g, Functional Unit 22
nop.27.6a	Norway pout in Division 6.a
ory.27.nea	Orange roughy in subareas 1–10, 12, and 14
ple.27.7a	Plaice in Division 7.a
ple.27.7bc	Plaice in divisions 7.b–c
ple.27.7e	Plaice in Division 7.e
ple.27.7fg	Plaice in divisions 7.f and 7.g
ple.27.7h-k	Plaice in divisions 7.h–k
pok.27.3a46	Saithe in subareas 4 and 6 and in Division 3.a
pol.27.67	Pollack in subareas 6–7
por.27.nea	Porbeagle in subareas 1–10, 12, and 14
raj.27.67a-ce-h	Rays and skates in Subarea 6 and divisions 7.a–c and 7.e–h
reb.2127.sp	Beaked redfish in ICES subareas 5, 12, and 14 and NAFO subareas 1 and 2
rja.27.nea	White skate in subareas 1–10, 12, and 14
rjb.27.67a-ce-k	Common skate complex and flapper skate in Subarea 6 and divisions 7.a–c and 7.e–k
rjc.27.6	Thornback ray in Subarea 6
rjc.27.7afg	Thornback ray in divisions 7.a and 7.f–g
rjc.27.7e	Thornback ray in Division 7.e
rje.27.7de	Small-eyed ray in divisions 7.d and 7.e
rje.27.7fg	Small-eyed ray in divisions 7.f and 7.g
rjf.27.67	Shagreen ray in subareas 6–7
rjh.27.4a6	Blonde ray in Subarea 6 and Division 4.a
rjh.27.7afg	Blonde ray in divisions 7.a and 7.f–g
rjh.27.7e	Blonde ray in Division 7.e
rji.27.67	Sandy ray in subareas 6–7
rjm.27.67bj	Spotted ray in Subarea 6 and divisions 7.b and 7.j
rjm.27.7ae-h	Spotted ray in divisions 7.a and 7.e–h
rjn.27.678abd	Cuckoo ray in subareas 6–7 and divisions 8.a–b and 8.d
rjr.27.23a4	Starry ray in subareas 2 and 4, and in Division 3.a
rju.27.7bj	Undulate ray in divisions 7.b and 7.j
rju.27.7de	Undulate ray in divisions 7.d and 7.e
rng.27.5b6712b	Roundnose grenadier in subareas 6–7 and divisions 5.b and 12.b
san.27.6a	Sandeel in Division 6.a
sbr.27.6-8	Blackspot seabream in subareas 6–8

Stock name	Species
sck.27.nea	Kitefin shark in subareas 1–10, 12, and 14
sdv.27.nea	Smooth-hound in subareas 1–10, 12, and 14
sho.27.67	Black-mouth dogfish in subareas 6 and 7
sol.27.7a	Sole in Division 7.a
sol.27.7bc	Sole in divisions 7.b and 7.c
sol.27.7e	Sole in Division 7.e
sol.27.7fg	Sole in divisions 7.f and 7.g
sol.27.7h-k	Sole in divisions 7.h–k
spr.27.67a-cf-k	Sprat in Subarea 6 and divisions 7.a–c and 7.f-k
spr.27.7de	Sprat in divisions 7.d and 7.e
syc.27.67a-ce-j	Lesser spotted dogfish in Subarea 6 and divisions 7.a–c and 7.e–j
syt.27.67	Greater-spotted dogfish in subareas 6 and 7
usk.27.3a45b6a7-912b	Tusk in subareas 4 and 7–9 and in divisions 3.a, 5.b, 6.a, and 12.b
usk.27.6b	Tusk in Division 6.b
whb.27.1-91214	Blue whiting in subareas 1–9, 12, and 14
whg.27.6a	Whiting in Division 6.a
whg.27.6b	Whiting in Division 6.b
whg.27.7a	Whiting in Division 7.a
whg.27.7b-ce-k	Whiting in divisions 7.b–c and 7.e–k

Faroes ecoregion

Stock name	Species
aru.27.5b6a	Greater silver smelt in divisions 5.b and 6.a
bli.27.5b67	Blue ling in subareas 6–7 and Division 5.b
cod.27.5b1	Cod in Subdivision 5.b.1
cod.27.5b2	Cod in Subdivision 5.b.2
ghl.27.561214	Greenland halibut in subareas 5, 6, 12, and 14
had.27.5b	Haddock in Division 5.b
her.27.1-24a514a	Herring in subareas 1, 2, 5 and divisions 4.a and 14.a, Norwegian spring-spawning herring
lin.27.5b	Ling in Division 5.b
mac.27.nea	Mackerel in subareas 1-8 and 14 and division 9.a
pok.27.5b	Saithe in Division 5.b
reg.27.561214	Golden redfish in subareas 5, 6, 12, and 14
usk.27.3a45b6a7-912b	Tusk in subareas 4 and 7–9 and divisions 3.a, 5.b, 6.a, and 12.b
whb.27.1-91214	Blue whiting in subareas 1-9, 12, and 14

Greater North Sea ecoregion

Stock name	Species
alf.27.nea	Alfonsinos in subareas 1–10, 12, and 14
anf.27.3a46	Anglerfish in subareas 4 and, and Division 3.a
ank.27.78abd	Black-bellied anglerfish in Subarea 7 and divisions 8.a–b and 8.d
aru.27.123a4	Greater silver smelt in subareas 1, 2, and 4, and in Division 3.a
aru.27.6b7-1012	Greater silver smelt in subareas 7–10 and 12, and Division 6.b

Stock name	Species
bli.27.5b67	Blue ling in subareas 6–7 and Division 5.b
bli.27.nea	Blue ling in subareas 1, 2, 8, 9, and 12, and divisions 3.a and 4.a
bll.27.3a47de	Brill in Subarea 4 and divisions 3.a and 7.d-e
boc.27.6-8	Boarfish in subareas 6–8
bsf.27.nea	Black scabbardfish in subareas 1, 2, 4–8, 10, and 14, and divisions 3.a, 9.a, and 12.b
bsk.27.nea	Basking shark in subareas 1–10, 12, and 14
bss.27.4bc7ad-h	Seabass in divisions 4.b–c, 7.a, and 7.d-h
cod.27.21	Cod in Subdivision 21
cod.27.47d20	Cod in Subarea 4, Division 7.d, and Subdivision 20
cod.27.7e-k	Cod in divisions 7.e–k
cyo.27.nea	Portuguese dogfish in subareas 1–10, 12, and 14
dab.27.3a4	Dab in Subarea 4 and Division 3.a
dgs.27.nea	Spurdog in subareas 1–10, 12, and 14
ele.2737.nea	European eel throughout its natural range
fle.27.3a4	Flounder in Subarea 4 and Division 3.a
gag.27.nea	Tope in subareas 1–10, 12, and 14
gfb.27.nea	Greater forkbeard in subareas 1–10, 12, and 14
gug.27.3a47d	Grey gurnard in Subarea 4 and divisions 7.d and 3.a
guq.27.nea	Leafscale gulper shark in subareas 1–10, 12, and 14
gur.27.3-8	Red gurnard in subareas 3–8
had.27.46a20	Haddock in Subarea 4, Division 6.a, and Subdivision 20
had.27.7b-k	Haddock in divisions 7.b–k
her.27.1-24a514a	Herring in subareas 1, 2, 5 and divisions 4.a and 14.a, Norwegian spring-spawning herring
her.27.20-24	Herring in subdivisions 20–24, spring spawners
her.27.3a47d	Herring in Subarea 4 and divisions 3.a and 7.d, autumn spawners
hke.27.3a46-8abd	Hake in subareas 4, 6, and 7, and divisions 3.a, 8.a–b, and 8.d, Northern stock
hom.27.2a4a5b6a7a-ce-k8	Horse mackerel in Subarea 8 and divisions 2.a, 4.a, 5.b, 6.a, 7.a–c, and 7.e–k
hom.27.3a4bc7d	Horse mackerel in divisions 3.a, 4.b–c, and 7.d
ldb.27.7b-k8abd	Four-spot megrim in divisions 7.b–k, 8.a–b, and 8.d
lem.27.3a47d	Lemon sole in Subarea 4 and divisions 3.a and 7.d
lez.27.4a6a	Megrim in divisions 4.a and 6.a
lin.27.3a4a6-91214	Ling in subareas 6–9, 12, and 14, and in divisions 3.a and 4.a
mac.27.nea	Mackerel in subareas 1–8 and 14, and in Division 9.a
meg.27.7b-k8abd	Megrim in divisions 7.b–k, 8.a–b, and 8.d
mon.27.78abd	White anglerfish in Subarea 7 and divisions 8.a–b and 8.d
mur.27.3a47d	Striped red mullet in Subarea 4 and divisions 7.d and 3.a
mur.27.67a-ce-k89a	Striped red mullet in subareas 6 and 8, and divisions 7.a–c, 7.e–k, and 9.a
nep.fu.10	Norway lobster in Division 4.a, Functional Unit 10
nep.fu.32	Norway lobster in Division 4.a, Functional Unit 32
nep.fu.33	Norway lobster in Division 4.b, Functional Unit 33
nep.fu.34	Norway lobster in Division 4.b, Functional Unit 34
nep.fu.3-4	Norway lobster in Division 3.a, Functional units 3 and 4
nep.fu.5	Norway lobster in divisions 4.b and 4.c, Functional Unit 5
nep.fu.6	Norway lobster in Division 4.b, Functional Unit 6

Stock name	Species
nep.fu.7	Norway lobster in Division 4.a, Functional Unit 7
nep.fu.8	Norway lobster in Division 4.b, Functional Unit 8
nep.fu.9	Norway lobster in Division 4.a, Functional Unit 9
nop.27.3a4	Norway pout in Subarea 4 and Division 3.a
ory.27.nea	Orange roughy in subareas 1–10, 12, and 14
ple.27.21–23	Plaice in subdivisions 21–23
ple.27.420	Plaice in Subarea 4 and Subdivision 20
ple.27.7d	Plaice in Division 7.d
ple.27.7e	Plaice in Division 7.e
pok.27.3a46	Saithe in subareas 4 and 6, and in Division 3.a
pol.27.3a4	Pollack in Subarea 4 and Division 3.a
pol.27.67	Pollack in subareas 6–7
por.27.nea	Porbeagle in subareas 1–10, 12, and 14
pra.27.3a4a	Northern shrimp in divisions 3.a and 4.a East
pra.27.4a	Northern shrimp in Division 4.a West
raj.27.3a47d	Rays and skates in Subarea 4 and in divisions 3.a and 7.d
raj.27.67a-ce-h	Rays and skates in Subarea 6 and divisions 7.a–c and 7.e–h
rja.27.nea	White skate in subareas 1–10, 12, and 14
rjb.27.3a4	Common skate complex and flapper skate in Subarea 4 and Division 3.a
rjb.27.67a-ce-k	Common skate complex and flapper skate in Subarea 6 and in divisions 7.a–c and 7.e–k
rjc.27.3a47d	Thornback ray in Subarea 4 and in divisions 3.a and 7.d
rjc.27.7e	Thornback ray in Division 7.e
rje.27.7de	Small-eyed ray in divisions 7.d and 7.e
rjf.27.67	Shagreen ray in subareas 6–7
rjh.27.4a6	Blonde ray in Subarea 6 and Division 4.a
rjh.27.4c7d	Blonde ray in divisions 4.c and 7.d
rjh.27.7e	Blonde ray in Division 7.e
rji.27.67	Sandy ray in subareas 6–7
rjm.27.3a47d	Spotted ray in Subarea 4 and in divisions 3.a and 7.d
rjm.27.7ae-h	Spotted ray in divisions 7.a and 7.e–h
rjn.27.3a4	Cuckoo ray in Subarea 4 and Division 3.a
rjn.27.678abd	Cuckoo ray in subareas 6–7 and in divisions 8.a–b and 8.d
rjr.27.23a4	Starry ray in subareas 2 and 4, and in Division 3.a
rju.27.7de	Undulate ray in divisions 7.d and 7.e
rng.27.1245a8914ab	Roundnose grenadier in subareas 1, 2, 4, 8, and 9, Division 14.a, and in subdivisions 14.b.2 and 5.a.2
rng.27.3a	Roundnose grenadier in Division 3.a
rng.27.5b6712b	Roundnose grenadier in subareas 6–7 and divisions 5.b and 12.b
san.27.6a	Sandeel in Division 6.a
san.sa.1r	Sandeel in divisions 4.b and 4.c, Sandeel Area 1r
san.sa.2r	Sandeel in divisions 4.b and 4.c, and Subdivision 20, Sandeel Area 2r
san.sa.3r	Sandeel in divisions 4.a and 4.b, and Subdivision 20, Sandeel Area 3r
san.sa.4	Sandeel in divisions 4.a and 4.b, Sandeel Area 4
san.sa.5r	Sandeel in Division 4.a, Sandeel Area 5r
san.sa.6	Sandeel in subdivisions 20–22, Sandeel Area 6

Stock name	Species
san.sa.7r	Sandeel in Division 4.a, Sandeel Area 7r
sbr.27.6-8	Blackspot seabream in subareas 6–8
sck.27.nea	Kitefin shark in subareas 1–10, 12, and 14
sdv.27.nea	Smooth-hound in subareas 1–10, 12, and 14
sho.27.67	Black-mouth dogfish in subareas 6 and 7
sol.27.20-24	Sole in subdivisions 20–24
sol.27.4	Sole in Subarea 4
sol.27.7d	Sole in Division 7.d
sol.27.7e	Sole in Division 7.e
spr.27.3a4	Sprat in Division 3.a and Subarea 4
spr.27.7de	Sprat in divisions 7.d and 7.e
syc.27.3a47d	Lesser spotted dogfish in Subarea 4 and in divisions 3.a and 7.d
syc.27.67a-ce-j	Lesser spotted dogfish in Subarea 6 and in divisions 7.a–c and 7.e–j
syt.27.67	Greater-spotted dogfish in subareas 6 and 7
tur.27.3a	Turbot in Division 3.a
tur.27.4	Turbot in Subarea 4
usk.27.3a45b6a7-912b	Tusk in subareas 4 and 7–9, and in divisions 3.a, 5.b, 6.a, and 12.b
whb.27.1-91214	Blue whiting in subareas 1–9, 12, and 14
whg.27.3a	Whiting in Division 3.a
whg.27.47d	Whiting in Subarea 4 and Division 7.d
whg.27.7b-ce-k	Whiting in divisions 7.b–c and 7.e–k
wit.27.3a47d	Witch in Subarea 4 and divisions 3.a and 7.d

Greenland Sea ecoregion

Stock name	Species
aru.27.123a4	Greater silver smelt in subareas 1, 2, and 4, and in Division 3.a
cod.2127.1f14	Cod in ICES Subarea 14 and NAFO Division 1.F
ghl.27.561214	Greenland halibut in subareas 5, 6, 12, and 14
her.27.1-24a514a	Herring in subareas 1, 2, and 5, and in divisions 4.a and 14.a; Norwegian spring-spawning herring
mac.27.nea	Mackerel in subareas 1–8 and 14 and in Division 9.a
reb.2127.dp	Beaked redfish in ICES subareas 5, 12, and 14, and in NAFO subareas 1 and 2
reg.27.561214	Golden redfish in subareas 5, 6, 12, and 14
usk.27.5a14	Tusk in Subarea 14 and Division 5.a
bli.27.5a14	Blue ling in Subarea 14 and Division 5.a
reb.2127.sp	Beaked redfish in ICES subareas 5, 12, and 14, and in NAFO subareas 1 and 2
reb.27.14b	Beaked redfish in Division 14.b, demersal
rhg.27.nea	Roughhead grenadier in subareas 5–8, 10, 12, and 14
rng.27.1245a8914ab	Roundnose grenadier in subareas 1, 2, 4, 8, and 9, Division 14.a, and in subdivisions 14.b.2 and 5.a.2

Icelandic Waters ecoregion

Stock name	Species
aru.27.5a14	Greater silver smelt in Subarea 14 and Division 5.a
bli.27.5a14	Blue ling in Subarea 14 and Division 5.a
cap.27.2a514	Capelin in subareas 5 and 14 and Division 2.a west of 5°W
cod.27.5a	Cod in Division 5.a
had.27.5a	Haddock in Division 5.a
her.27.1-24a514a	Herring in subareas 1, 2, and 5, and in divisions 4.a and 14.a
her.27.5a	Herring in Division 5.a, summer-spawning herring
lin.27.5a	Ling in Division 5.a
mac.27.nea	Mackerel in subareas 1–8 and 14, and in Division 9.a
pok.27.5a	Saithe in Division 5.a
reb.2127.dp	Beaked redfish in ICES subareas 5, 12, and 14 (deep pelagic stock)
reb.27.5a14	Beaked redfish in Subarea 14 and Division 5.a, Icelandic slope stock
reg.27.561214	Golden redfish in subareas 5, 6, 12, and 14
usk.27.5a14	Tusk in Subarea 14 and Division 5.a
whb.27.1–91214	Blue whiting in subareas 1–9, 12, and 14

Norwegian Sea ecoregion

Stock name	Species
aru.27.123a4	Greater silver smelt in subareas 1, 2, and 4, and in Division 3.a
bli.27.nea	Blue ling in subareas 1, 2, 8, 9, and 12, and divisions 3.a and 4.a
bsf.27.nea	Black scabbardfish in subareas 1, 2, 4–8, 10, and 14, and divisions 3.a, 9.a, and 12.b
bsk.27.nea	Basking shark in subareas 1–10, 12, and 14
cap.27.2a514	Capelin in subareas 5 and 14 and Division 2.a west of 5°W
cod.27.1-2	Cod in subareas 1 and 2
cod.27.1-2coast	Cod in subareas 1 and 2
dgs.27.nea	Spurdog in subareas 1–10, 12, and 14
gfb.27.nea	Greater forkbeard in subareas 1–10, 12, and 14
ghl.27.1-2	Greenland halibut in subareas 1 and 2
had.27.1-2	Haddock in subareas 1 and 2
her.27.1-24a514a	Herring in subareas 1, 2, and 5 and divisions 4.a and 14.a, Norwegian spring-spawning herring
hom.27.2a4a5b6a7a-ce-k8	Horse mackerel in Subarea 8 and divisions 2.a, 4.a, 5.b, 6.a, 7.a–c, and e–k
lin.27.1-2	Ling in subareas 1 and 2
mac.27.nea	Mackerel in subareas 1–8 and 14 and Division 9.a
pok.27.1-2	Saithe in subareas 1 and 2
por.27.nea	Porbeagle in subareas 1–10, 12, and 14
reb.27.1-2	Beaked redfish in subareas 1 and 2
reg.27.1-2	Golden redfish in subareas 1 and 2
rjr.27.23a4	Starry ray in subareas 2 and 4, and Division 3.a
rng.27.1245a8914ab	Roundnose grenadier in subareas 1, 2, 4, 8, and 9, Division 14.a, and in subdivisions 14.b.2 and 5.a.2
usk.27.1-2	Tusk in subareas 1 and 2
whb.27.1-91214	Blue whiting in subareas 1–9, 12, and 14

Oceanic Northeast Atlantic ecoregion

Stock name	Species
alf.27.nea	Alfonsinos in subareas 1–10, 12, and 14
anf.27.3a46	Anglerfish in subareas 4 and 6, and Division 3.a
ank.27.78abd	Black-bellied anglerfish in Subarea 7 and divisions 8.a–b and 8.d
aru.27.6b7-1012	Greater silver smelt in subareas 7–10 and 12, and Division 6.b
bli.27.nea	Blue ling in subareas 1, 2, 8, 9, and 12, and divisions 3.a and 4.a
boc.27.6-8	Boarfish in subareas 6–8
bsf.27.nea	Black scabbardfish in subareas 1, 2, 4–8, 10, and 14, and divisions 3.a, 9.a, and 12.b
bsk.27.nea	Basking shark in subareas 1–10, 12, and 14
cod.27.6b	Cod in Division 6.b
cyo.27.nea	Portuguese dogfish in subareas 1–10, 12, and 14
dgs.27.nea	Spurdog in subareas 1–10, 12, and 14
ele.2737.nea	European eel throughout its natural range
gag.27.nea	Tope in subareas 1–10, 12, and 14
gfb.27.nea	Greater forkbeard in subareas 1–10, 12, and 14
guq.27.nea	Leafscale gulper shark in subareas 1–10, 12, and 14
had.27.6b	Haddock in Division 6.b
hke.27.3a46-8abd	Hake in subareas 4, 6, and 7, and divisions 3.a, 8.a–b, and 8.d, Northern stock
hom.27.2a4a5b6a7a-ce-k8	Horse mackerel in Subarea 8 and divisions 2.a, 4.a, 5.b, 6.a, 7.a–c, and 7.e–k
ldb.27.7b-k8abd	Four-spot megrim in divisions 7.b–k, 8.a–b, and 8.d
lez.27.6b	Megrim in Division 6.b
lin.27.3a4a6-91214	Ling in subareas 6–9, 12, and 14, and divisions 3.a and 4.a
mac.27.nea	Mackerel in subareas 1–8 and 14, and in Division 9.a
mon.27.78abd	White anglerfish in Subarea 7 and divisions 8.a–b and 8.d
ory.27.nea	Orange roughy in subareas 1–10, 12, and 14
por.27.nea	Porbeagle in subareas 1–10, 12, and 14
raj.27.67a-ce-h	Rays and skates in Subarea 6 and divisions 7.a–c and 7.e–h
raj.27.89a	Rays and skates in Subarea 8 and Division 9.a
reb.2127.dp	Beaked redfish in ICES subareas 5, 12, and 14, and in NAFO subareas 1 and 2
reb.2127.sp	Beaked redfish in ICES subareas 5, 12, and 14 and NAFO subareas 1 and 2
rhg.27.nea	Roughhead grenadier in subareas 5–8, 10, 12, and 14
rjb.27.67a-ce-k	Common skate complex and flapper skate in Subarea 6 and divisions 7.a–c and 7.e–k
rjb.27.89a	Common skate complex and flapper skate in Subarea 8 and Division 9.a
rjc.27.6	Thornback ray in Subarea 6
rjc.27.8	Thornback ray in Subarea 8
rjf.27.67	Shagreen ray in subareas 6–7
rji.27.67	Sandy ray in subareas 6–7
rjm.27.67bj	Spotted ray in Subarea 6 and divisions 7.b and 7.j
rng.27.1245a8914ab	Roundnose grenadier in subareas 1, 2, 4, 8, and 9, Division 14.a, and in subdivisions 14.b.2 and 5.a.2
rng.27.5a10b12ac14b	Roundnose grenadier in divisions 10.b and 12.c, and subdivisions 12.a.1, 14.b.1, and 5.a.1
rng.27.5b6712b	Roundnose grenadier in subareas 6–7 and divisions 5.b and 12.b
sbr.27.10	Blackspot sea bream in Subarea 10
sbr.27.9	Blackspot sea bream in Subarea 9
sck.27.nea	Kitefin shark in subareas 1–10, 12, and 14

Stock name	Species
sdv.27.nea	Smooth-hound in subareas 1–10, 12, and 14
sho.27.67	Black-mouth dogfish in subareas 6 and 7
syt.27.67	Greater-spotted dogfish in subareas 6 and 7
tsu.27.nea	Roughsnout grenadier in subareas 1–2, 4–8, 10, 12, and 14 and Division 3.a
usk.27.12ac	Tusk in Subarea 12, excluding Division 12.b
usk.27.3a45b6a7-912b	Tusk in subareas 4 and 7–9, and in divisions 3.a, 5.b, 6.a, and 12.b
usk.27.6b	Tusk in Division 6.b
whb.27.1-91214	Blue whiting in subareas 1–9, 12, and 14
whg.27.6b	Whiting in Division 6.b

Annex 3 Template for proposing for a new fisheries overview topic

Title of the proposed topic:

Proposed by: name(s)

Expert group(s) involved:

Brief explanation of the topic, proposed scope/content, expected length/word count, and any display material (max one page):

Delivery plan (which ecoregions and when [year]):

The proposed new topic should meet the following inclusion criteria:

Criterion	Response
Support the role of fisheries overviews	
Be of interest to requesters of ICES advice and/or ICES stakeholders	
Be based on mature and peer-reviewed science	
Be supported by the capacity of experts to periodically update the topic	
Be based on quality-assured data, following FAIR principles	
Follow the Transparent Assessment Framework (TAF)	
Be applicable for most (if not all) ICES ecoregions	

In case of inclusion of the proposed topic, is there a need to update the technical guidelines? If yes, please specify which section(s)