

DECISIONS

COMMISSION DELEGATED DECISION (EU) 2021/1167

of 27 April 2021

establishing the multiannual Union programme for the collection and management of biological, environmental, technical and socioeconomic data in the fisheries and aquaculture sectors from 2022

THE EUROPEAN COMMISSION,

Having regard to the Treaty on the Functioning of the European Union,

Having regard to Regulation (EU) 2017/1004 of the European Parliament and of the Council of 17 May 2017 on the establishment of a Union framework for the collection, management and use of data in the fisheries sector and support for scientific advice regarding the common fisheries policy and repealing Council Regulation (EC) No 199/2008 ⁽¹⁾, and in particular the first and second subparagraphs of Article 4(1) thereof,

Whereas:

- (1) Article 25 of Regulation (EU) No 1380/2013 of the European Parliament and of the Council ⁽²⁾ requires the Member States to collect the biological, environmental, technical and socioeconomic data that are necessary for fisheries management.
- (2) Article 4(1) of Regulation (EU) 2017/1004 requires the Commission to establish a multiannual Union programme for the collection, management and use of data in the fisheries sector (EU MAP).
- (3) The EU MAP is necessary for Member States to specify and plan their data collection activities in their national work plans and sets out a detailed list of data requirements for the collection and management of biological, environmental and socioeconomic data, lists mandatory surveys at sea and sets thresholds for data collection. The EU MAP for 2020-2021 was adopted by Commission Delegated Decision (EU) 2019/910 ⁽³⁾ and Commission Implementing Decision (EU) 2019/909 ⁽⁴⁾. Both decisions expire on 31 December 2021.
- (4) This Decision therefore establishes detailed arrangements on the collection and management of biological, environmental, technical and socioeconomic data by Member States as referred to in Article 5(1)(a) of Regulation (EU) 2017/1004 from 1 January 2022.
- (5) The Commission has consulted the relevant regional coordination groups and the Scientific, Technical and Economic Committee for Fisheries in line with Article 4(2) of Regulation (EU) 2017/1004.

⁽¹⁾ OJ L 157, 20.6.2017, p. 1.

⁽²⁾ Regulation (EU) No 1380/2013 of the European Parliament and of the Council of 11 December 2013 on the Common Fisheries Policy, amending Council Regulations (EC) No 1954/2003 and (EC) No 1224/2009 and repealing Council Regulations (EC) No 2371/2002 and (EC) No 639/2004 and Council Decision 2004/585/EC (OJ L 354, 28.12.2013, p. 22).

⁽³⁾ Commission Delegated Decision (EU) 2019/910 of 13 March 2019 establishing the multiannual Union programme for the collection and management of biological, environmental, technical and socioeconomic data in the fisheries and aquaculture sectors (OJ L 145, 4.6.2019, p. 27).

⁽⁴⁾ Commission Implementing Decision (EU) 2019/909 of 18 February 2019 establishing the list of mandatory research surveys and thresholds for the purposes of the multiannual Union programme for the collection and management of data in the fisheries and aquaculture sectors (OJ L 145, 4.6.2019, p. 21).

- (6) This decision is to be read in conjunction with Commission Implementing Decision (EU) 2021/1168 ⁽³⁾, which repeals Implementing Decision (EU) 2019/909 and establishes the list of mandatory surveys at sea and the thresholds below which it is not mandatory for Member States to collect data based on their fishing and aquaculture activities or carry out research surveys at sea, as referred to in Article 5(1)(b) and (c) of Regulation (EU) 2017/1004, from 1 January 2022. It also lays down the areas of marine regions for the purposes of data collection as referred to in Article 9(11) of that Regulation (EU) 2017/1004.
- (7) For reasons of legal certainty, Delegated Decision (EU) 2019/910 should be repealed with effect from 1 January 2022,

HAS ADOPTED THIS DECISION:

Article 1

The multiannual Union programme for the collection, management and use of data in the fisheries sector from 2022 covering the detailed list of data requirements as referred to in point (a) of Article 5(1) of Regulation (EU) 2017/1004, is set out in the Annex to this Decision.

Article 2

Commission Delegated Decision (EU) 2019/910 is repealed.

Article 3

This Decision shall enter into force on the twentieth day following that of its publication in the *Official Journal of the European Union*.

It shall apply from 1 January 2022.

Done at Brussels, 27 April 2021.

For the Commission
The President
Ursula VON DER LEYEN

⁽³⁾ Commission Implementing Decision (EU) 2021/1168 of 27 April 2021 establishing the list of mandatory research surveys at sea and thresholds as part of the multiannual Union programme for the collection and management of data in the fisheries and aquaculture sectors from 2022 (see page 92 of this Official Journal).

ANNEX

CHAPTER I

Definitions

For the purpose of this Annex, the definitions set out in the following regulations apply: Regulation (EU) 2017/1004 of the European Parliament and of the Council ⁽¹⁾, Council Regulation (EC) No 1224/2009 ⁽²⁾, Commission Implementing Regulation (EU) No 404/2011 ⁽³⁾, Regulation (EU) No 1380/2013 of the European Parliament and of the Council ⁽⁴⁾, and Regulation (EU) No 508/2014 of the European Parliament and of the Council ⁽⁵⁾ shall apply. In addition, the following definitions shall also apply:

- (1) **active vessel:** a vessel that has been engaged in any fishing operation for at least one day in a calendar year.
- (2) **catch fraction:** a part of the total catch, such as the part of the catch landed above the minimum conservation reference size, the part landed below the minimum conservation reference size, and the legal discards, broken down into the part below the minimum conservation reference size and the part above the minimum conservation reference size.
- (3) **day at sea:** any continuous period of 24 hours (or part thereof) during which a vessel is present within a defined fishing area and absent from port.
- (4) **recreational catches:** all retained, discarded and released components of the catch, either dead or alive, taken during recreational fisheries.
- (5) **diadromous species:** fish species that migrate between the sea and freshwater as part of their life cycle.
- (6) **fishing day:** any calendar day at sea in which a fishing activity takes place, without prejudice to the international obligations of the Union and its Member States. One fishing trip can contribute to both the sum of the fishing days for passive gears and the sum of the fishing days for active gears used on that trip.
- (7) **fishing ground:** a geographical unit where fishing takes place. The units shall be agreed at marine region level on the basis of existing areas defined by regional fisheries management organisations or scientific bodies.
- (8) **fleet segment:** group of vessels with the same length class (LOA, length overall) and predominant fishing gear during a given calendar year.
- (9) **inactive vessel:** a vessel that has not been engaged in fishing operations during a given calendar year.
- (10) **metier:** a group of fishing activities targeting a similar species or assemblage of species, using similar gear ⁽⁶⁾, during the same period of the year and/or within the same area, and which are characterised by a similar exploitation pattern.

⁽¹⁾ Regulation (EU) 2017/1004 of the European Parliament and of the Council of 17 May 2017 on the establishment of a Union framework for the collection, management and use of data in the fisheries sector and support for scientific advice regarding the common fisheries policy and repealing Council Regulation (EC) No 199/2008 (OJ L 157, 20.6.2017, p. 1).

⁽²⁾ Council Regulation (EC) No 1224/2009 of 20 November 2009 establishing a Union control system for ensuring compliance with the rules of the common fisheries policy, amending Regulations (EC) No 847/96, (EC) No 2371/2002, (EC) No 811/2004, (EC) No 768/2005, (EC) No 2115/2005, (EC) No 2166/2005, (EC) No 388/2006, (EC) No 509/2007, (EC) No 676/2007, (EC) No 1098/2007, (EC) No 1300/2008, (EC) No 1342/2008 and repealing Regulations (EEC) No 2847/93, (EC) No 1627/94 and (EC) No 1966/2006 (OJ L 343, 22.12.2009, p. 1).

⁽³⁾ Commission Implementing Regulation (EU) No 404/2011 of 8 April 2011 laying down detailed rules for the implementation of Council Regulation (EC) No 1224/2009 establishing a Community control system for ensuring compliance with the rules of the Common Fisheries Policy (OJ L 112, 30.4.2011, p. 1).

⁽⁴⁾ Regulation (EU) No 1380/2013 of the European Parliament and of the Council on the Common Fisheries Policy, amending Council Regulations (EC) No 1954/2003 and (EC) No 1224/2009 and repealing Council Regulations (EC) No 2371/2002 and (EC) No 639/2004 and Council Decision 2004/585/EC (OJ L 354, 28.12.2013, p. 22).

⁽⁵⁾ Regulation (EU) No 508/2014 of the European Parliament and of the Council of 15 May 2014 on the European Maritime and Fisheries Fund and repealing Council Regulations (EC) No 2328/2003, (EC) No 861/2006, (EC) No 1198/2006 and (EC) No 791/2007 and Regulation (EU) No 1255/2011 of the European Parliament and of the Council (OJ L 149, 20.5.2014, p. 1).

⁽⁶⁾ As specified in Annex XI to Implementing Regulation (EU) No 404/2011.

- (11) **research survey at sea:** activities involving the monitoring of fish stocks and/or marine biological resources and the ecosystem, carried out on a vessel dedicated to such scientific research and designated for this task by a Member State.

CHAPTER II

Data collection methods and data requirements

1. General principles

- 1.1. In accordance with Article 6 of Regulation (EU) 2017/1004, Member States shall develop national work plans, specifying the data to be collected and data collection methods.
- 1.2. Data collection methods and quality shall be suitable for the intended purposes defined in Article 25 of Regulation (EU) No 1380/2013. The methods applied shall follow relevant scientific advice and best practices. Member States may conduct studies to further explore, develop and test data collection methods. The methods and their application shall be assessed at regular intervals by independent scientific bodies to ascertain whether they are appropriate for the purposes intended. Member States shall adapt their data collection planning and implementation in accordance with the results of these assessments.
- 1.3. As regards the data specified in points 2, 3, 4 and 5 below, data reported and transmitted under Regulation (EC) No 1224/2009, including but not limited to logbooks, sales notes and positional data, such as VMS data, shall be made available in primary form to the national institutions implementing national work plans.
- 1.4. As regards the data specified in points 2, 3 and 4 below, Member States shall agree at marine region level on the data to be collected, based on the identified needs of end users of scientific data ('end-user needs'), including, where appropriate, the species, stocks, regions, variables, methodology and frequency of data collection in accordance with Article 9(1) of Regulation (EU) 2017/1004. The data so collected shall enable the end users to derive the necessary assessments for all relevant types of fisheries, time periods and areas. If no regional coordination can be achieved, Member States shall establish national data collection based on end-user needs.
- 1.5. As regards the social and economic data specified in points 5, 6 and 7 below, the definitions referred to in the European Business Statistics Regulation ⁽⁷⁾ shall apply. Additional definitions of variables, strata, and, where appropriate, collection methodology, shall be coordinated among the Member States concerned.
- 1.6. In specifying the data to be collected, Member States shall take account of the thresholds set in Chapter II of the Annex to Commission Implementing Decision (EU) 2021/1168 ⁽⁸⁾ establishing the list of mandatory surveys and thresholds as part of the multiannual Union programme for the collection and management of data in the fisheries and aquaculture sectors.
- 1.7. The data to be collected are divided into sets, specified in points 2 to 7 of this Chapter.

2. Biological data on exploited biological resources caught by Union commercial and recreational fisheries

2.1. As regards commercial fisheries:

- a) data shall comprise catch quantities by species and biological data from individual specimens, to enable the estimation of volume and length frequency, as well as biological variables such as individual age, sex, weight, maturity and fecundity, for each catch fraction by species and management area listed in Table 1. Data required to estimate volume and length frequency shall be reported at the level of aggregation required by the relevant end user, where relevant using gear codes listed in Table 5;

⁽⁷⁾ Regulation (EU) 2019/2152 of the European Parliament and of the Council of 27 November 2019 on European business statistics, repealing 10 legal acts in the field of business statistics (OJ L 327, 17.12.2019, p. 1).

⁽⁸⁾ Commission Implementing Decision (EU) 2021/1168 of 27 April 2021 establishing the list of mandatory research surveys at sea and thresholds as part of the multiannual Union programme for the collection and management of data in the fisheries and aquaculture sectors from 2022 (OJ L 253 ... 92).

b) in addition, the following data shall be collected on diadromous species listed in Table 3 caught during the freshwater part of their lifecycle, however such fisheries are undertaken:

- i. stock-related variables selected by Member States at a regional level based on end-user needs,
- ii. annual catch quantities for salmon and sea trout,
- iii. annual catch quantities by life stage for eel.

2.2. As regards recreational fisheries, Member States shall implement statistically robust multispecies sampling schemes that enable catch quantities to be estimated for stocks agreed at regional level, in accordance with the relevant end-user needs. Where no such schemes exist, Member States shall collect data that enable catch quantities to be estimated for the species and areas listed in Table 4.

Where recreational catches affect the development of fish stocks, Member States shall carry out biological sampling in accordance with end-user needs, as agreed at marine region level.

2.3. In addition:

- a) for salmon and sea trout, data shall be collected on the abundance of smolt and parr and the number of ascending individuals in rivers.
- b) for eel, data shall be collected in any relevant marine or inland water habitat in at least one body of water per eel management unit on: the abundance of recruits, the abundance of the standing stock (yellow eel), and the number and weight, and sex ratio of migrating silver eels.

The designation of bodies of water, including rivers, the selection of stock-related variables to be collected and monitored, and the sampling frequency for salmon, sea trout and eel shall be defined and coordinated at regional level, depending on end-user needs. Where no regional coordination exists, Member States shall establish national sampling schemes based on end-user needs.

3. **Data on the activity of Union fishing vessels ⁽⁹⁾ within and outside Union waters**

3.1. Data shall cover variables indicated in Table 6 at the lowest relevant geographic level by fleet segment (Table 8) and métier level 6 (Table 5). Such data, including positional data, such as VMS ⁽¹⁰⁾ or AIS ⁽¹¹⁾ data, recorded, reported and transmitted under Regulation (EC) No 1224/2009, shall be made available in primary form to the national institutions implementing national work plans. Where there is no obligation under Regulation (EC) No 1224/2009 to record these data, or where these data do not meet the coverage, resolution and/or quality requirements of the end users, alternative appropriate sampling methods shall be applied.

3.2. Data on inland water commercial fisheries for eel shall cover the variables indicated in Table 6. Data recorded under Article 10 of Regulation (EC) No 1100/2007 are to be made available in primary form to the national institutions implementing national work plans. Where there is no obligation under Regulation (EC) No 1100/2007 to record these data, or where these data do not meet the coverage, resolution and/or quality requirements of the end users, alternative appropriate sampling methods shall be applied.

⁽⁹⁾ Including specific requirements for regional fisheries management organisations.

⁽¹⁰⁾ Vessel monitoring system data – defined in Council Regulation (EC) No 1224/2009 of 20 November 2009 establishing a Community control system for ensuring compliance with the rules of the common fisheries policy.

⁽¹¹⁾ Automatic identification system – referred to in Directive 2002/59/EC of the European Parliament and of the Council of 27 June 2002 establishing a Community vessel traffic monitoring and information system.

4. **Data on the impact of Union fisheries on marine biological resources and marine ecosystems within and outside Union waters**

- 4.1. Data shall be collected on occurrences (as a minimum the weight and/or the numbers of individuals per species, depending on the appropriate unit for a particular species) of incidental catches of all protected sea birds, mammals, reptiles and fish species, as referred to in Union legislation and under international agreements, including those specified in Table 2, and invertebrate benthic species identified as a VME ⁽¹²⁾ indicator ⁽¹³⁾. Such data shall be recorded during scientific observer trips on fishing vessels, or by the fishers themselves, using logbooks or other appropriate means. Where these data are insufficient for end-user needs, other complementary methods and observations shall be used, based on the scientific knowledge available, including risk assessments.
- 4.2. The data necessary to assess the impact of fisheries on marine habitats and on species recorded under Regulation (EC) No 1224/2009 and other relevant EU legislation shall be made available, at an appropriate level of aggregation, to the national institutions implementing the national work plans. Where there is no obligation under Regulation (EC) No 1224/2009 to record these data or where these data do not meet the coverage, resolution and/or quality requirements of the end users, alternative appropriate sampling methods should be applied, including methods determined through targeted studies.
- 4.3. Data collection on the impact of fishing activities on food webs shall include stomach sampling and analysis.

5. **Socioeconomic data on fisheries**

- 5.1. Economic data shall be collected on all active and inactive vessels listed in the Union Fishing Fleet Register ⁽¹⁴⁾ on 31 December of the reporting year, and on other vessels that have fished for at least one day during the reporting year. As regards active vessels, the data collected shall cover the variables indicated in Table 7 according to the fleet segmentation indicated in Table 8 and according to supra regions as defined in Table 2 of Chapter III in the Annex to Implementing Decision (EU) 2021/1168. In the case of inactive vessels, data shall be collected on capital value and capital cost.

Economic data shall be collected on an annual basis.

Data on economic variables may be aggregated for confidentiality reasons or where necessary to design a statistically sound sampling plan. Such aggregation shall be consistent over time.

- 5.2. Social data shall cover the variables indicated in Table 9 and shall be collected every three years, counting from 2017 as the first reference data year.

6. **Socioeconomic and environmental data on aquaculture**

- 6.1. Economic data shall be collected on all enterprises whose primary activity is defined according to European Classification of Economic Activities (NACE) codes 03.21, 'marine aquaculture', and 03.22, 'freshwater aquaculture'. The data collected shall cover economic variables indicated in Table 10 according to the sector segmentation set out in Table 11.

Economic data shall be collected on an annual basis.

Data on economic variables may be aggregated for confidentiality reasons or where necessary to design a statistically sound sampling plan. Such aggregation shall be consistent over time.

⁽¹²⁾ Vulnerable marine ecosystem – defined in Council Regulation (EC) No 734/2008 of 15 July 2008 on the protection of vulnerable marine ecosystems in the high seas from the adverse impacts of bottom fishing gears.

⁽¹³⁾ VME indicators – referred to in Regulation (EU) 2016/2336 of the European Parliament and of the Council of 14 December 2016 establishing specific conditions for fishing for deep-sea stocks in the north-east Atlantic and provisions for fishing in international waters of the north-east Atlantic.

⁽¹⁴⁾ Defined in Commission Implementing Regulation (EU) 2017/218 of 6 February 2017 on the Union fishing fleet register (OJ L 34, 9.2.2017, p. 9).

- 6.2. Social data shall cover variables indicated in Table 9 and shall be collected every three years, counting from 2017 as the first reference data year.
- 6.3. Environmental data, such as data on water quality, escapees, the use of antibiotics and other medicines, and disease status, required under relevant EU and national legislation, shall be made available to the national institutions implementing the national work plans.

7. Socioeconomic data on the fish processing sector

Over and above the data published by Eurostat, collected by the Member States in line with the European Business Statistics Regulation and Regulation (EC) No 223/2009 of the European Parliament and of the Council ⁽¹⁵⁾, Member States may collect additional socioeconomic data on the fish processing sector.

Table 1 (previously Tables 1A, B and C)

Species and areas in Union waters and all marine regions under regional fisheries management organisations (RFMOs) and Sustainable Fishing Partnership Agreements (SFPAs) and Outermost Regions ⁽¹⁶⁾

Region	Baltic Sea	
Area	Baltic Sea (ICES areas 3b-d, FAO area 27)	
RCGc	Balti	
Species (common name)	Species (scientific name)	ICES area
European eel	<i>Anguilla anguilla</i>	22-32
Herring	<i>Clupea harengus</i>	22-24; 25-27, 28.2, 29, 32; 28.1; 30-31
Vendace	<i>Coregonus albula</i>	22-32
Common whitefish/houting	<i>Coregonus lavaretus</i>	3d
Cod	<i>Gadus morhua</i>	22-24; 25-32
Dab	<i>Limanda limanda</i>	22-32
Perch	<i>Perca fluviatilis</i>	3d
Flounder	<i>Platichthys flesus</i>	22-32
Plaice	<i>Pleuronectes platessa</i>	21-23; 24-32
Salmon	<i>Salmo salar</i>	22-31; 32
Sea trout	<i>Salmo trutta</i>	22-32
Pike-perch	<i>Sander lucioperca</i>	3d
Turbot	<i>Scophthalmus maximus</i>	22-32
Brill	<i>Scophthalmus rhombus</i>	22-32
Sole	<i>Solea solea</i>	20-24

⁽¹⁵⁾ Regulation (EC) No 223/2009 of the European Parliament and of the Council of 11 March 2009 on European statistics and repealing Regulation (EC, Euratom) No 1101/2008 of the European Parliament and of the Council on the transmission of data subject to statistical confidentiality to the Statistical Office of the European Communities, Council Regulation (EC) No 322/97 on Community Statistics, and Council Decision 89/382/EEC, Euratom establishing a Committee on the Statistical Programmes of the European Communities (OJ L 87, 31.3.2009, p. 164).

⁽¹⁶⁾ When designing sampling plans for the collection of biological information as laid down in Chapter II of this Annex, any stock boundaries set by the relevant end user should be taken into account and appropriate sampling effort should be assigned to each stock.

Sprat	<i>Sprattus sprattus</i>	22-32
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Region North Sea and Eastern Arctic

Area Eastern Arctic, Norwegian Sea and Barents Sea (ICES areas 1, 2, FAO area 27)

RCG NANS&EA

Species (common name)	Species (scientific name)	ICES area
European eel	<i>Anguilla anguilla</i>	1, 2
Greater silver smelt	<i>Argentina silus</i>	1, 2, 5a, 14
Tusk	<i>Brosme brosme</i>	1, 2
Herring	<i>Clupea harengus</i>	1, 2
Cod	<i>Gadus morhua</i>	1, 2
Tope	<i>Galeorhinus galeus</i>	1, 2
American plaice	<i>Hippoglossoides platessoides</i>	1, 2
Capelin	<i>Mallotus villosus</i>	1, 2
Haddock	<i>Melanogrammus aeglefinus</i>	1, 2
Blue whiting	<i>Micromesistius poutassou</i>	1, 2
Blue ling	<i>Molva dypterygia</i>	2
Ling	<i>Molva molva</i>	1, 2
Smooth-hound	<i>Mustelus spp.</i>	1, 2, 14
Northern shrimp	<i>Pandalus borealis</i>	1, 2
Saithe	<i>Pollachius virens</i>	1, 2
Greenland halibut	<i>Reinhardtius hippoglossoides</i>	1, 2
Salmon	<i>Salmo salar</i>	1, 2
Sea trout	<i>Salmo trutta</i>	1, 2
Mackerel	<i>Scomber scombrus</i>	2
Beaked redfish	<i>Sebastes mentella</i>	1, 2
Golden redfish	<i>Sebastes norvegicus</i>	1, 2
Picked dogfish	<i>Squalus acanthias</i>	All areas
Horse mackerel	<i>Trachurus trachurus</i>	2a

Region North Sea and Eastern Arctic

Area North Sea and Eastern Channel (ICES areas 3a, 4 and 7d, FAO area 27)

RCG NANS&EA

Species (common name)	Species (scientific name)	ICES area
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Sandeel	<i>Ammodytidae</i>	3a, 4
Catfish	<i>Anarhichas</i> spp.	4
European eel	<i>Anguilla anguilla</i>	3a, 4, 7d
Greater silver smelt	<i>Argentina silus</i>	3a, 4
Argentine	<i>Argentina</i> spp.	4
Red gurnard	<i>Aspitrigla cuculus</i>	3a
Tusk	<i>Brosme brosme</i>	3a, 4
Herring	<i>Clupea harengus</i>	3a, 4, 7d
Roundnose grenadier	<i>Coryphaenoides rupestris</i>	3a
Common shrimp	<i>Crangon crangon</i>	4, 7d
Sea bass	<i>Dicentrarchus labrax</i>	4, 7d
Grey gurnard	<i>Eutrigla gurnardus</i>	3a, 4
Cod	<i>Gadus morhua</i>	3aN; 3aS; 4, 7d
Tope	<i>Galeorhinus galeus</i>	3a, 4, 7d
Witch flounder	<i>Glyptocephalus cynoglossus</i>	3a, 4
Blue-mouth rockfish	<i>Helicolenus dactylopterus</i>	4
Four-spot megrim	<i>Lepidorhombus boschii</i>	4, 7d
Megrim	<i>Lepidorhombus whiffiagonis</i>	4, 7d
Cuckoo ray	<i>Leucoraja naevus</i>	3a, 4
Dab	<i>Limanda limanda</i>	3a, 4, 7d
Black-bellied angler	<i>Lophius budegassa</i>	4, 7d
Anglerfish	<i>Lophius piscatorius</i>	4
Roughhead grenadier	<i>Macrourus berglax</i>	4
Haddock	<i>Melanogrammus aeglefinus</i>	3a, 4
Whiting	<i>Merlangius merlangus</i>	3a, 4, 7d
Hake	<i>Merluccius merluccius</i>	3a, 4, 7
Blue whiting	<i>Micromesistius poutassou</i>	3a, 4, 7d
Lemon sole	<i>Microstomus kitt</i>	4, 7d
Blue ling	<i>Molva dypterygia</i>	3a, 4
Ling	<i>Molva molva</i>	3a, 4
Red mullet	<i>Mullus barbatus</i>	4, 7d
Striped red mullet	<i>Mullus surmuletus</i>	4, 7d
Smooth-hound	<i>Mustelus</i> spp.	3a, 4, 7d
Norway lobster	<i>Nephrops norvegicus</i>	3a, 4 and 2a Union waters
Northern shrimp	<i>Pandalus borealis</i>	3a, 4 and 2a Union waters; 4 Norwegian waters south of 62°N

Common scallop	<i>Pecten maximus</i>	4, 7d
Greater forkbeard	<i>Phycis blennoides</i>	4
Forkbeard	<i>Phycis phycis</i>	4
Flounder	<i>Platichthys flesus</i>	4
Plaice	<i>Pleuronectes platessa</i>	3aN; 3aS; 4, 7d
Saithe	<i>Pollachius virens</i>	3a, 4
Turbot	<i>Scophthalmus maximus</i>	3a, 4, 7d
Blonde ray	<i>Raja brachyura</i>	4a, 4c, 7d
Thornback ray	<i>Raja clavata</i>	3a, 4, 7d
Small-eyed ray	<i>Raja microocellata</i>	7de
Spotted ray	<i>Raja montagui</i>	3a, 4, 7d
Undulate ray	<i>Raja undulata</i>	7de
All skates and rays	<i>Rajidae</i>	3a
Greenland halibut	<i>Reinhardtius hippoglossoides</i>	4
Salmon	<i>Salmo salar</i>	3a, 4, 7d
Sea trout	<i>Salmo trutta</i>	3a, 4, 7d
Mackerel	<i>Scomber scombrus</i>	3a, 4, 7d
Brill	<i>Scophthalmus rhombus</i>	3a, 4, 7d
Lesser-spotted dogfish	<i>Scyliorhinus canicula</i>	3a, 4, 7d
Sole	<i>Solea solea</i>	Union waters of 2a, 3a and 4; 7d
Sprat	<i>Sprattus sprattus</i>	Union waters of 2a, 3a and 4; 7d
Picked dogfish	<i>Squalus acanthias</i>	All areas
Horse mackerel	<i>Trachurus trachurus</i>	Union waters of 4b, 4c and 7d
Tub gurnard	<i>Trigla lucerna</i>	4
Norway pout	<i>Trisopterus esmarki</i>	3a, 4
John Dory	<i>Zeus faber</i>	4, 7d

Region North-East Atlantic

Area North-East Atlantic and Western Channel (ICES areas 5, 6, 7 (excl. 7d), 8, 9, 10, 12 and 14, FAO area 27)

RCG NANS&EA

Species (common name)	Species (scientific name)	ICES area
Queen scallop	<i>Aequipecten opercularis</i>	7
Smooth-head	<i>Alepocephalus bairdii</i>	6, 12
Sandeel	<i>Ammodytidae</i>	6a
European eel	<i>Anguilla anguilla</i>	All areas

Black scabbardfish	<i>Aphanopus carbo</i>	5, 6, 7, 12; 9, 10, 13
Deep water catsharks	<i>Apristurus</i> spp.	5, 6, 7, 8, 9, 10
Greater silver smelt	<i>Argentina silus</i>	5, 6, 7
Meagre	<i>Argyrosomus regius</i>	All areas
Red gurnard	<i>Aspitrigla cuculus</i>	All areas
Alfonsinos	<i>Beryx</i> spp.	3-14
Tusk	<i>Brosme brosme</i>	5, 6, 7
Edible crab	<i>Cancer pagurus</i>	All areas
Boarfish	<i>Capros aper</i>	6, 7, 8
Gulper shark	<i>Centrophorus</i> spp.	5, 6, 7, 8, 9, 10
Portuguese dogfish	<i>Centroscymnus coelolepis</i>	5, 6, 7, 8, 9, 10
Longnose velvet dogfish	<i>Centroscymnus crepidater</i>	5, 6, 7, 8, 9, 10
Black dogfish	<i>Centroscyllium fabricii</i>	5, 6, 7, 8, 9, 10
Frilled shark	<i>Chlamydoselachus anguineus</i>	5, 6, 7, 8, 9, 10
Herring	<i>Clupea harengus</i>	5a; 5b, 6b; 7aN; 6a, 7bc; 7aS, 7gh, 7jk
Conger	<i>Conger conger</i>	All areas
Roundnose grenadier	<i>Coryphaenoides rupestris</i>	5b, 6, 7; 8, 9, 10, 12, 14
Kitefin shark	<i>Dalatias licha</i>	All areas
Common stingray	<i>Dasyatis pastinaca</i>	7, 8
Birdbeak dogfish	<i>Deania calcea</i>	5, 6, 7, 9, 10, 12
Sea bass	<i>Dicentrarchus labrax</i>	All areas
Wedge sole	<i>Dicologlossa cuneata</i>	8c, 9
Blue skate	<i>Dipturus batis</i> , <i>Dipturis intermedius</i>	6, 7a, 7e-k; 8, 9a
Anchovy	<i>Engraulis encrasicolus</i>	8; 9, 10
Great lanternshark	<i>Etmopterus princeps</i>	5, 6, 7, 8, 9, 10
Velvet belly	<i>Etmopterus spinax</i>	6, 7, 8, 10
Grey gurnard	<i>Eutrigla gurnardus</i>	7de
Cod	<i>Gadus morhua</i>	5b; 6a; 6b; 7a; 7b, 7c, 7e-k, 8, 9, 10; 5, 14
Tope	<i>Galeorhinus galeus</i>	5-10, 12
Black-mouthed dogfish	<i>Galeus melastomus</i>	6, 7; 8, 9a
Mouse catshark	<i>Galeus murinus</i>	5, 6, 7, 8, 9, 10
Witch	<i>Glyptocephalus cynoglossus</i>	6, 7
Bluntnose sixgill shark	<i>Hexanchus griseus</i>	5, 6, 7, 8, 9, 10
Bluemouth rockfish	<i>Helicolenus dactylopterus</i>	All areas

Atlantic halibut	<i>Hippoglossus hippoglossus</i>	5, 14
Lobster	<i>Homarus gammarus</i>	All areas
Orange roughy	<i>Hoplostethus atlanticus</i>	All areas
Silver scabbardfish	<i>Lepidopus caudatus</i>	9a
Four-spot megrim	<i>Lepidorhombus boscii</i>	8c, 9a
Megrim	<i>Lepidorhombus whiffiagonis</i>	6; 7, 8abd; 8c, 9a
Sandy ray	<i>Leucoraja circularis</i>	6, 7
Shagreen ray	<i>Leucoraja fullonica</i>	6, 7
Cuckoo ray	<i>Leucoraja naevus</i>	6, 7, 8ab; 8c; 9a
Dab	<i>Limanda limanda</i>	7a, 7f-h; 7e
Common squid	<i>Loligo vulgaris</i>	All areas
Black-bellied angler	<i>Lophius budegassa</i>	6; 7b-k, 8abd; 8c, 9a
Anglerfish	<i>Lophius piscatorius</i>	6; 5b, 12, 14; 7, 8abd; 8c, 9a
Roughhead grenadier	<i>Macrourus berglax</i>	8, 9, 10, 12, 14
Spider crab	<i>Maja brachydactyla</i>	5, 6, 7
Capelin	<i>Mallotus villosus</i>	14
Haddock	<i>Melanogrammus aeglefinus</i>	5b, 6a; 6b, 12, 14; 7a; 7b-k, 8, 9, 10
Whiting	<i>Merlangius merlangus</i>	8, 9, 10; 5b, 6, 12, 14; 7a; 7b-k
Hake	<i>Merluccius merluccius</i>	5b, 6, 7, 12, 14; 8abde; 8c, 9, 10
Wedge sole	<i>Microchirus variegatus</i>	All areas
Blue whiting	<i>Micromesistius poutassou</i>	1-9, 12, 14
Lemon sole	<i>Microstomus kitt</i>	All areas
Blue ling	<i>Molva dypterygia</i>	5b, 6, 7; 12 international waters
Spanish ling	<i>Molva macrophthalma</i>	10
Ling	<i>Molva molva</i>	5; 6-14
Striped red mullet	<i>Mullus surmuletus</i>	All areas
Starry smooth-hound	<i>Mustelus asterias</i>	6, 7, 8, 9
Smooth-hound	<i>Mustelus mustelus</i>	6, 7, 8, 9
Blackspotted smooth-hound	<i>Mustelus punctulatus</i>	6, 7, 8, 9
Smooth-hound	<i>Mustelus spp.</i>	5-10, 12, 14
Norway lobster	<i>Nephrops norvegicus</i>	5b, 6; 7; 8abde; 8c; 9
Common octopus	<i>Octopus vulgaris</i>	All areas
Sailfin roughshark (Sharpback shark)	<i>Oxynotus paradoxus</i>	5, 6, 7, 8, 9, 10

Blackspot sea bream	<i>Pagellus bogaraveo</i>	6, 7, 8; 9; 10
Northern shrimp	<i>Pandalus borealis</i>	5, 14
Pandalid shrimps	<i>Pandalus</i> spp.	5, 14
Deepwater rose shrimp	<i>Parapenaeus longirostris</i>	9a
Scallop	<i>Pecten maximus</i>	6, 7
Greater forkbeard	<i>Phycis blennoides</i>	All areas
Forkbeard	<i>Phycis phycis</i>	All areas
Plaice	<i>Pleuronectes platessa</i>	5b, 6, 12, 14; 7a; 7bc; 7de; 7fg; 7h-k; 8, 9, 10
Pollack	<i>Pollachius pollachius</i>	5b, 6, 12, 14; 7; 8abde; 8c; 9, 10
Saithe	<i>Pollachius virens</i>	5b, 6, 12, 14; 7, 8, 9, 10
Wreckfish	<i>Polyprion americanus</i>	10
Blonde ray	<i>Raja brachyura</i>	4a, 6; 7a, 7fg; 7e; 9a
Thornback ray	<i>Raja clavata</i>	6; 7a, 7fg; 7e; 8; 9a; 10, 12
Small-eyed ray	<i>Raja microocellata</i>	7de; 7fg
Spotted ray	<i>Raja montagui</i>	6, 7b, 7j; 7a, 7e-h; 8; 9a
Undulate ray	<i>Raja undulata</i>	7b, 7j; 7de; 8ab; 8c; 9a
Greenland halibut	<i>Reinhardtius hippoglossoides</i>	5a, 14; 5b, 6
White skate	<i>Rostroraja alba</i>	All areas
Salmon	<i>Salmo salar</i>	All areas
Sea trout	<i>Salmo trutta</i>	All areas
Sardine	<i>Sardina pilchardus</i>	8abd; 8c, 9a
Atlantic chub mackerel	<i>Scomber colias</i>	8, 9, 10
Mackerel	<i>Scomber scombrus</i>	5, 6, 7, 8, 9
Turbot	<i>Scophthalmus maximus</i>	All areas
Brill	<i>Scophthalmus rhombus</i>	All areas
Lesser-spotted dogfish	<i>Scyliorhinus canicula</i>	6, 7a-c, 7e-j; 8abd; 8c, 9a
Greater spotted dogfish	<i>Scyliorhinus stellaris</i>	6, 7
Knifetooth dogfish	<i>Scymnodon ringenes</i>	5, 6, 7, 8, 9, 10
Beaked redfish	<i>Sebastes mentella</i>	5, 12, 14 (shallow pelagic); 5, 12, 14 (deep pelagic); 5, 14 (demersal)
Golden redfish	<i>Sebastes norvegicus</i>	5, 14
Cuttlefish	<i>Sepia officinalis</i>	All areas
Sole	<i>Solea solea</i>	5b, 6, 12, 14; 7a; 7bc; 7d; 7e; 7fg; 7hjk; 8ab; 8cde, 9, 10
Greenland shark	<i>Somniosus microcephalus</i>	All areas
Sea breams	<i>Sparidae</i>	All areas

Picked dogfish	<i>Squalus acanthias</i>	All areas
Mediterranean horse mackerel	<i>Trachurus mediterraneus</i>	8, 9
Blue jack mackerel	<i>Trachurus picturatus</i>	8, 9, 10
Horse mackerel	<i>Trachurus trachurus</i>	4a, 5b, 6a, 7a-c, 7e-k, 8; 9a
Pouting	<i>Trisopterus</i> spp.	All areas
John Dory	<i>Zeus faber</i>	All areas

Region	Mediterranean Sea and Black Sea
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Area	Mediterranean Sea and Black Sea (GFCM GSA 1-29, FAO area 37)
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RCG	Mediterranean Sea and Black Sea
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Species (common name)	Species (scientific name)	GFCM sub-region
Pontic shad	<i>Alosa immaculata</i>	GSAs 28-29
European Eel	<i>Anguilla anguilla</i>	GSAs 1-27
Transparent goby	<i>Aphia minuta</i>	GSA 9, 10, 16 and 19
Giant red shrimp	<i>Aristaeomorpha foliacea</i>	GSAs 1-16, 19-21 and 22-27
Red shrimp	<i>Aristeus antennatus</i>	GSAs 1-16, 19-21 and 22-27
Sand smelt	<i>Atherina</i> spp.	GSA 9, 10, 16 and 19
Bogue	<i>Boops boops</i>	GSAs 1-27
Blue crab	<i>Callinectes sapidus</i>	GSA 8-10, 11.2, 12-16, 18-21
Striped Venus clam	<i>Chamelea gallina</i>	GSAs 17-18
Sardinia coral	<i>Corallium rubrum</i>	GSAs 1-27
Dolphinfish	<i>Coryphaena hippurus</i>	GSAs 12-27
Sea bass	<i>Dicentrarchus labrax</i>	GSAs 1-27
Annular seabream	<i>Diplodus annularis</i>	GSAs 12-16, 19-21
Horned/curled octopus	<i>Eledone cirrhosa</i>	GSA 1-23
Musky octopus	<i>Eledone moschata</i>	GSA 8-23
Anchovy	<i>Engraulis encrasicolus</i>	GSAs 1-29
Grey gurnard	<i>Eutrigla gurnardus</i>	GSA 13-16, 18-23
Blackmouth catshark	<i>Galeus melastomus</i>	GSAs 1-11
Squid	<i>Illex</i> spp., <i>Todarodes</i> spp.	GSAs 1-27
Silver-cheeked toadfish	<i>Lagocephalus sceleratus</i>	GSAs 1-27
Common squid	<i>Loligo vulgaris</i>	GSAs 1-27
Black-bellied angler	<i>Lophius budegassa</i>	GSAs 1-16, 19-21; 22-23
Anglerfish	<i>Lophius piscatorius</i>	GSA 1-16, 18-23
Whiting	<i>Merlangius merlangus</i>	GSAs 28-29

Hake	<i>Merluccius merluccius</i>	GSA 1-27
Blue whiting	<i>Micromesistius poutassou</i>	GSA 1-11, 22-23
Grey mullets	<i>Mugilidae</i>	GSA 8-10, 11.2, 12-23
Red mullet	<i>Mullus barbatus</i>	GSA 1-29
Striped red mullet	<i>Mullus surmuletus</i>	GSA 1-16, 19-21 and 22-27
Norway lobster	<i>Nephrops norvegicus</i>	GSA 1-21
Common octopus	<i>Octopus vulgaris</i>	GSA 1-27
Blackspot seabream	<i>Pagellus bogaraveo</i>	GSA 1-11
Common pandora	<i>Pagellus erythrinus</i>	GSA 1-27
Caramote prawn	<i>Penaeus kerathurus</i>	GSA 22-23
Deepwater rose shrimp	<i>Parapenaeus longirostris</i>	GSA 1-27
Blue crab	<i>Portunus segnis</i>	GSA 8-10, 11.2, 12-16, 18-21
Devil firefish	<i>Pterois miles</i>	GSA 1-27
Mediterranean starry ray	<i>Raja asterias</i>	GSA 1-11
Thornback ray	<i>Raja clavata</i>	GSA 1-16, 19-21
Rapa whelk	<i>Rapana venosa</i>	GSA 28-29
Sardine	<i>Sardina pilchardus</i>	GSA 1-27
Round sardinella	<i>Sardinella aurita</i>	GSA 1-16, 19-21 and 22-27
Lizardfish	<i>Saurida lessepsianus</i>	GSA 22-27
Brushtooth lizardfish	<i>Saurida undosquamis</i>	GSA 22-27
Turbot	<i>Scophthalmus maximus</i>	GSA 28-29
Atlantic chub mackerel	<i>Scomber colias</i>	GSA 1-11, 22-27
Mackerel	<i>Scomber scombrus</i>	GSA 1-16, 19-21
All commercial sharks, rays and skates (4)	<i>Selachii, Rajidae</i>	GSA 1-29
Cuttlefish	<i>Sepia officinalis</i>	GSA 1-21
Dusky spinefoot	<i>Siganus luridus</i>	GSA 22-27
Marbled spinefoot	<i>Siganus rivulatus</i>	GSA 22-27
Sole	<i>Solea solea (Solea vulgaris)</i>	GSA 17-18, 22-27
Gilthead sea bream	<i>Sparus aurata</i>	GSA 7, 22-23
European barracuda	<i>Sphyræna sphyræna</i>	GSA 12-16, 19-21
Picarel	<i>Spicara smaris</i>	GSA 17-18, 22-27
European sprat	<i>Sprattus sprattus</i>	GSA 28-29
Picked dogfish	<i>Squalus acanthias</i>	GSA 28-29
Mantis shrimp	<i>Squilla mantis</i>	GSA 17-18
Mediterranean horse mackerel	<i>Trachurus mediterraneus</i>	GSA 1-29

Blue jack mackerel	<i>Trachurus picturatus</i>	GSA 1-11
Atlantic horse mackerel	<i>Trachurus trachurus</i>	GSA 1-29
Poor cod	<i>Trisopterus minutus</i>	GSA 1-29
Clams	<i>Veneridae</i>	GSA 6, 13-21

Region	The outermost regions
Area	EU waters around Azores (FAO area 27.10.a.2), Madeira and Canary islands (FAO area 34.1.2)

RCG none

Species (common name)	Species (scientific name)	
Limpets	<i>Patellidae</i>	Azores EEZ, Canary/Madeira EEZ
Sardine	<i>Sardina pilchardus</i>	Azores EEZ, Canary/Madeira EEZ
Round sardinella	<i>Sardinella aurita</i>	Canary/Madeira EEZ
Short-body sardinella	<i>Sardinella maderensis</i>	Azores EEZ
Parrotfish	<i>Sparisoma cretense</i>	Azores EEZ, Canary/Madeira EEZ

Region	The outermost regions
Area	EU waters around French Guiana, Martinique and Guadeloupe islands (FAO area 31)

RCG none

Species (common name)	Species (scientific name)	
Softhead sea catfish	<i>Amphiarus rugispinis</i>	French Guiana EEZ
Kumakuma	<i>Brachyplatystoma filamentosum</i>	French Guiana EEZ
Crevalle jack	<i>Caranx hippos</i>	French Guiana EEZ
Snooks(= Robalos) nei	<i>Centropomus</i> spp.	French Guiana EEZ
Acoupa weakfish	<i>Cynoscion acoupa</i>	French Guiana EEZ
Smalltooth weakfish	<i>Cynoscion steindachneri</i>	French Guiana EEZ
Green weakfish	<i>Cynoscion virescens</i>	French Guiana EEZ
Atlantic goliath grouper	<i>Epinephelus itajara</i>	French Guiana EEZ
Torroto grunt	<i>Genyatremus luteus</i>	French Guiana EEZ
Tripletail	<i>Lobotes surinamensis</i>	French Guiana EEZ
Southern red snapper	<i>Lutjanus purpureus</i>	French Guiana EEZ
King weakfish	<i>Macrodon ancylodon</i>	French Guiana EEZ
Tarpon	<i>Megalops atlanticus</i>	French Guiana EEZ
Southern brown shrimp	<i>Penaeus subtilis</i>	French Guiana EEZ
South American silver croaker	<i>Plagioscion squamosissimus</i>	French Guiana EEZ

Gillbacker sea catfish	<i>Sciades parkeri</i>	French Guiana EEZ
Crucifix sea catfish	<i>Sciades proops</i>	French Guiana EEZ
Seerfishes nei	<i>Scomberomorus</i> spp.	French Guiana EEZ
Honeycomb cowfish	<i>Acanthostracion polygonius</i>	Guadeloupe and Martinique EEZ
Scrawled cowfish	<i>Acanthostracion quadricornis</i>	Guadeloupe and Martinique EEZ
Ocean surgeon	<i>Acanthurus bahianus</i>	Guadeloupe and Martinique EEZ
Doctorfish	<i>Acanthurus chirurgus</i>	Guadeloupe and Martinique EEZ
Scribbled leatherjac. filefish	<i>aluterus scriptus</i>	Guadeloupe and Martinique EEZ
Black margate	<i>Anisotremus surinamensis</i>	Guadeloupe and Martinique EEZ
Batoid fishes nei	<i>Batoidimorpha (Hypotremata)</i>	Guadeloupe and Martinique EEZ
Queen triggerfish	<i>Balistes vetula</i>	Guadeloupe and Martinique EEZ
Jolthead porgy	<i>Calamus bajonado</i>	Guadeloupe and Martinique EEZ
American whitespotted filefish	<i>Cantherhines macrocerus</i>	Guadeloupe and Martinique EEZ
Ocean triggerfish	<i>Canthidermis sufflamen</i>	Guadeloupe and Martinique EEZ
Yellow jack	<i>Caranx bartholomaei</i>	Guadeloupe and Martinique EEZ
Horse-eye jack	<i>Caranx latus</i>	Guadeloupe and Martinique EEZ
Bar jack	<i>Caranx ruber</i>	Guadeloupe and Martinique EEZ
Graysby	<i>Cephalopholis cruentata</i>	Guadeloupe and Martinique EEZ
Coney	<i>Cephalopholis fulva</i>	Guadeloupe and Martinique EEZ
Rock hind	<i>Epinephelus adscensionis</i>	Guadeloupe and Martinique EEZ
Red hind	<i>Epinephelus guttatus</i>	Guadeloupe and Martinique EEZ
Nassau grouper	<i>Epinephelus striatus</i>	Guadeloupe and Martinique EEZ
Queen snapper	<i>Etelis oculatus</i>	Guadeloupe and Martinique EEZ
Caesar grunt	<i>Haemulon carbonarium</i>	Guadeloupe and Martinique EEZ
French grunt	<i>Haemulon flavolineatum</i>	Guadeloupe and Martinique EEZ

Sailor's grunt	<i>Haemulon parra</i>	Guadeloupe and Martinique EEZ
White grunt	<i>Haemulon plumieri</i>	Guadeloupe and Martinique EEZ
Bluestriped grunt	<i>Haemulon sciurus</i>	Guadeloupe and Martinique EEZ
Mutton snapper	<i>Lutjanus analis</i>	Guadeloupe and Martinique EEZ
Schoolmaster snapper	<i>Lutjanus apodus</i>	Guadeloupe and Martinique EEZ
Dog snapper	<i>Lutjanus jocu</i>	Guadeloupe and Martinique EEZ
Silk snapper	<i>Lutjanus vivanus</i>	Guadeloupe and Martinique EEZ
Yellow goatfish	<i>Mulloidichthys martinicus</i>	Guadeloupe and Martinique EEZ
Yellowtail snapper	<i>Ocyurus chrysurus</i>	Guadeloupe and Martinique EEZ
Green spiny lobster	<i>Panulirus argus</i>	Guadeloupe and Martinique EEZ
Spotted spiny lobster	<i>Panulirus guttatus</i>	Guadeloupe and Martinique EEZ
Keeltail needlefish	<i>Platybelone argalus</i>	Guadeloupe and Martinique EEZ
Atlantic bigeye	<i>Priacanthus arenatus</i>	Guadeloupe and Martinique EEZ
Spotted goatfish	<i>Pseudupeneus maculatus</i>	Guadeloupe and Martinique EEZ
Lion fish	<i>Pterois volitans</i>	Guadeloupe and Martinique EEZ
Various sharks nei	<i>Selachimorpha (Pleurotremata)</i>	Guadeloupe and Martinique EEZ
Redband parrotfish	<i>Sparisoma aurofrenatum</i>	Guadeloupe and Martinique EEZ
Redtail parrotfish	<i>Sparisoma chrysopterygum</i>	Guadeloupe and Martinique EEZ
Redfin parrotfish	<i>Sparisoma rubripinne</i>	Guadeloupe and Martinique EEZ
Queen conch	<i>Strombus gigas</i>	Guadeloupe and Martinique EEZ

Region **The outermost regions**

Area **EU waters around Mayotte and La Réunion islands (FAO area 51)**

RCG **none**

Species (common name)	Species (scientific name)	
Green jobfish	<i>Aprion virescens</i>	Mayotte and La Réunion EEZ

Bluefin trevally	<i>Caranx melampygus</i>	Mayotte and La Réunion EEZ
Yellow-edge lyretail	<i>Variola louti</i>	Mayotte and La Réunion EEZ
Rusty jobfish	<i>Aphareus rutilans</i>	La Réunion EEZ
Golden hind	<i>Cephalopholis aurantia</i>	La Réunion EEZ
Blacktip grouper	<i>Epinephelus fasciatus</i>	La Réunion EEZ
Oblique-banded grouper	<i>Epinephelus radiatus</i>	La Réunion EEZ
Deep water red snapper	<i>Etelis carbunculus</i>	La Réunion EEZ
Deep water longtail red snapper	<i>Etelis coruscans</i>	La Réunion EEZ
Brilliant pomfret	<i>Eumegistus illustris</i>	La Réunion EEZ
Spotcheek emperor	<i>Lethrinus rubrioperculatus</i>	La Réunion EEZ
Common bluestrip snapper	<i>Lutjanus kasmira</i>	La Réunion EEZ
Bluestrip snapper	<i>Lutjanus notatus</i>	La Réunion EEZ
Ornate jobfish	<i>Pristipomoides argyrogrammicus</i>	La Réunion EEZ
Goldbanded jobfish	<i>Pristipomoides multidens</i>	La Réunion EEZ
Bigeye scad	<i>Selar crumenophthalmus</i>	La Réunion EEZ
Amber jacks	<i>Seriola rivirolana</i>	La Réunion EEZ
White-edge lyretail	<i>Variola albimarginata</i>	La Réunion EEZ

Region	Other regions
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Area	North-West Atlantic (FAO area 21)
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RCG	NANS&EA
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Species (common name)	Species (scientific name)	NAFO convention area
Thorny skate	<i>Amblyraja radiata</i>	3LNOPs
Deep water catsharks	<i>Apristurus</i> spp.	SA1-6
Alfonsinos	<i>Beryx</i> sp.	6G
Roundnose grenadier	<i>Coryphaenoides rupestris</i>	SA 1-3
Gulper shark	<i>Centrophorus</i> spp.	SA1-6
Portuguese dogfish	<i>Centroscymnus coelolepis</i>	SA1-6
Longnose velvet dogfish	<i>Centroscymnus crepidater</i>	SA1-6
Black dogfish	<i>Centroscyllium fabricii</i>	SA1-6
Friiled shark	<i>Chlamydoselachus anguineus</i>	SA1-6
Kitefin shark	<i>Dalatias licha</i>	SA1-6
Birdbeak dogfish	<i>Deania calcea</i>	SA1-6

Great lanternshark	<i>Etmopterus princeps</i>	SA1-6
Velvet belly	<i>Etmopterus spinax</i>	SA1-6
Cod	<i>Gadus morhua</i>	3M; 3NO; 3Ps; SA1
Mouse catshark	<i>Galeus murinus</i>	SA1-6
Witch flounder	<i>Glyptocephalus cynoglossus</i>	3NO; 2J3KL
Bluntnose sixgill shark	<i>Hexanchus griseus</i>	SA1-6
American plaice	<i>Hippoglossoides platessoides</i>	3LNO; 3M
Shortfinned squid	<i>Illex illecebrosus</i>	SA 3-4
Yellowtail flounder	<i>Limanda ferruginea</i>	3LNO
Roughhead grenadier	<i>Macrourus berglax</i>	SA 1-3
Capelin	<i>Mallotus villosus</i>	3NO
Sailfin roughshark (Sharpback shark)	<i>Oxynotus paradoxus</i>	SA1-6
Northern shrimp	<i>Pandalus borealis</i>	SA1; 3LNO; 3M
Greenland halibut	<i>Reinhardtius hippoglossoides</i>	3KLMNO; SA1
Salmon	<i>Salmo salar</i>	NAFO SA1 + ICES Sub-area 14, NEAFC, NASCO
Knifetooth dogfish	<i>Scymnodon ringenes</i>	SA1-6
Beaked redfish	<i>Sebastes mentella</i>	SA1
Redfish	<i>Sebastes</i> spp.	3LN; 3M; 3O
Greenland shark	<i>Somniosus microcephalus</i>	SA1-6
White hake	<i>Urophycis tenuis</i>	3NO

Region	Other regions
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Area	Eastern Central Atlantic (FAO area 34)
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RCG	LDF
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Species (common name)	Species (scientific name)	CECAF convention area
Black scabbardfish	<i>Aphanopus carbo</i>	All areas
Intermediate scabbardfish	<i>Aphanopus intermedius</i>	All areas
Deep water catsharks	<i>Apristurus</i> spp.	34.1.1, 34.1.2, 34.2
Striped red shrimp	<i>Aristeus varidens</i>	All areas
Grunt	<i>Brachydeuterus</i> spp.	All areas
Atlantic pomfret	<i>Brama brama</i>	All areas
Jack	<i>Caranx</i> spp.	34.3.1, 34.3.3-6
Gulper shark	<i>Centrophorus</i> spp.	34.1.1, 34.1.2, 34.2
Portuguese dogfish	<i>Centroscymnus coelolepis</i>	34.1.1, 34.1.2, 34.2

Longnose velvet dogfish	<i>Centroscymnus crepidater</i>	34.1.1, 34.1.2, 34.2
Black dogfish	<i>Centroscyllium fabricii</i>	34.1.1, 34.1.2, 34.2
Frilled shark	<i>Chlamydoselachus anguineus</i>	34.1.1, 34.1.2, 34.2
Tongue sole	<i>Cynoglossus</i> spp.	All areas
Kitefin shark	<i>Dalatias licha</i>	34.1.1, 34.1.2, 34.2
Birdbeak dogfish	<i>Deania calcea</i>	34.1.1, 34.1.2, 34.2
Scad	<i>Decapterus</i> spp.	34.3.1, 34.3.3-6
Large-eye dentex	<i>Dentex macrophthalmus</i>	All areas
Anchovy	<i>Engraulis encrasicolus</i>	All areas
White grouper	<i>Epinephelus aeneus</i>	34.1.3, 34.3.1, 34.3.3-6
Bonga shad	<i>Ethmalosa fimbriata</i>	34.3.1, 34.3.3-6
Great lanternshark	<i>Etmopterus princeps</i>	34.1.1, 34.1.2, 34.2
Velvet belly	<i>Etmopterus spinax</i>	34.1.1, 34.1.2, 34.2
Southern pink shrimp	<i>Farfantepenaeus notialis</i>	All areas
Lesser African threadfin	<i>Galeoides decadactylus</i>	34.1.3, 34.3.1, 34.3.3-6
Mouse catshark	<i>Galeus murinus</i>	34.1.1, 34.1.2, 34.2
Bluntnose sixgill shark	<i>Hexanchus griseus</i>	34.1.1, 34.1.2, 34.2
Common squid	<i>Loligo vulgaris</i>	All areas
Benguela hake	<i>Merluccius polli</i>	All areas
Senegalese hake	<i>Merluccius senegalensis</i>	All areas
Common octopus	<i>Octopus vulgaris</i>	All areas
Sailfin roughshark (Sharpback shark)	<i>Oxynotus paradoxus</i>	34.1.1, 34.1.2, 34.2
Axillary sea bream	<i>Pagellus acarne</i>	34.1.1
Red pandora	<i>Pagellus bellottii</i>	All areas
Blue spotted sea bream	<i>Pagrus caeruleostictus</i>	All areas
Deepwater rose shrimp	<i>Parapenaeus longirostris</i>	All areas
Grunt	<i>Pomadasys</i> spp.	All areas
West African croakers	<i>Pseudotolithus</i> spp.	34.1.1
Sardine	<i>Sardina pilchardus</i>	34.1.1, 34.1.3
Round sardinella	<i>Sardinella aurita</i>	All areas
Short-body sardinella	<i>Sardinella maderensis</i>	All areas
Atlantic chub mackerel	<i>Scomber colias</i>	All areas
Knifetooth dogfish	<i>Scymnodon ringenes</i>	34.1.1, 34.1.2, 34.2
Cuttlefish	<i>Sepia hierredda</i>	All areas
Common cuttlefish	<i>Sepia officinalis</i>	All areas

Sea bream	<i>Sparus</i> spp.	34.1.1
Horse mackerel	<i>Trachurus</i> spp.	All areas

Region	Other regions	
Area	South- Pacific (FAO area 81 and 87)	
RCG	LDF	
Species (common name)	Species (scientific name)	SPRFMO Convention area
Jack mackerel	<i>Trachurus murphyi</i>	All areas

Region	Other regions	
Area	Atlantic Ocean and adjacent seas (FAO areas 21, 27, 31, 37, 41, 47, 34, 48) ⁽¹⁾	
RCG	LP	
Species (common name)	Species (scientific name)	ICCAT convention area
Wahoo	<i>Acanthocybium solandri</i>	All areas
Bigeye thresher shark	<i>Alopias superciliosus</i>	All areas
Common thresher shark	<i>Alopias vulpinus</i>	All areas
Bullet tuna	<i>Auxis rochei</i>	All areas
Frigate tuna	<i>Auxis thazard</i>	All areas
Silky shark	<i>Carcharhinus falciformis</i>	All areas
Oceanic whitetip shark	<i>Carcharhinus longimanus</i>	All areas
Requiem sharks	<i>Carcharhinus</i> spp.	All areas
Dolphinfish	<i>Coryphaena hippurus</i>	All areas
Atlantic back skipjack	<i>Euthynnus alleteratus</i>	All areas
Sailfish	<i>Istiophorus albicans</i>	All areas
Shortfin mako	<i>Isurus oxyrinchus</i>	All areas
Longfin mako shark	<i>Isurus paucus</i>	All areas
White marlin	<i>Kajikia albida</i>	All areas
Skipjack tuna	<i>Katsuwonus pelamis</i>	All areas
Porbeagle	<i>Lamna nasus</i>	All areas
Blue marlin	<i>Makaira nigricans</i> (or <i>mazara</i>)	All areas
Mobulidae-manta rays	<i>Mobula</i> spp.	All areas
Plain bonito	<i>Orcynopsis unicolor</i>	All areas
Blue shark	<i>Prionace glauca</i>	All areas
Whale shark	<i>Rhincodon typus</i>	All areas
Atlantic bonito	<i>Sarda sarda</i>	All areas

Serra Spanish mackerel	<i>Scomberomorus brasiliensis</i>	All areas
King mackerel	<i>Scomberomorus cavalla</i>	All areas
Atlantic Spanish mackerel	<i>Scomberomorus maculatus</i>	All areas
Cero	<i>Scomberomorus regalis</i>	All areas
West African Spanish mackerel	<i>Scomberomorus tritor</i>	All areas
Scalloped hammerhead shark	<i>Sphyrna lewini</i>	All areas
Great hammerhead shark	<i>Sphyrna mokarran</i>	All areas
Smooth hammerhead shark	<i>Sphyrna zygaena</i>	All areas
Mediterranean spearfish	<i>Tetrapturus belone</i>	All areas
Roundscale spearfish	<i>Tetrapturus georgii</i>	All areas
Longbill spearfish	<i>Tetrapturus fluegeri</i>	All areas
Albacore tuna	<i>Thunnus alalunga</i>	All areas
Yellowfin tuna	<i>Thunnus albacares</i>	All areas
Blackfin tuna	<i>Thunnus atlanticus</i>	All areas
Bigeye tuna	<i>Thunnus obesus</i>	All areas
Bluefin tuna	<i>Thunnus thynnus</i>	All areas
Swordfish	<i>Xiphias gladius</i>	All areas

Region	Other regions	
Area	Indian Ocean (FAO area 51 and 57)	
RCG	LP	
Species (common name)	Species (scientific name)	IOTC Convention area
Wahoo	<i>Acanthocybium solandri</i>	All areas
Pelagic thresher shark	<i>Alopias pelagicus</i>	All areas
Bigeye thresher shark	<i>Alopias superciliosus</i>	All areas
Bullet tuna	<i>Auxis rochei</i>	All areas
Frigate tuna	<i>Auxis thazard</i>	All areas
Silky shark	<i>Carcharhinus falciformis</i>	All areas
Oceanic whitetip shark	<i>Carcharhinus longimanus</i>	All areas
Requiem sharks	<i>Carcharhinus</i> spp.	All areas
Dolphinfish	<i>Coryphaena hippurus</i>	All areas
Kawakawa	<i>Euthynnus affinis</i>	All areas
Black marlin	<i>Istiompax indica</i>	All areas
Indo-Pacific sailfish	<i>Istiophorus platypterus</i>	All areas
Shortfin mako	<i>Isurus oxyrinchus</i>	All areas

Longfin mako shark	<i>Isurus paucus</i>	All areas
Skipjack tuna	<i>Katsuwonus pelamis</i>	All areas
Porbeagle	<i>Lamna nasus</i>	All areas
Blue marlin	<i>Makaira nigricans (or mazara)</i>	All areas
Mobulidae-manta rays	<i>Mobula spp.</i>	All areas
Blue shark	<i>Prionace glauca</i>	All areas
Whale shark	<i>Rhincodon typus</i>	All areas
Indo-Pacific king mackerel	<i>Scomberomorus guttatus</i>	All areas
Narrow-barred Spanish mackerel	<i>Scomberomorus commerson</i>	All areas
Longtail tuna	<i>Thunnus tonggol</i>	All areas
Scalloped hammerhead shark	<i>Sphyrna lewini</i>	All areas
Great hammerhead shark	<i>Sphyrna mokarran</i>	All areas
Smooth hammerhead shark	<i>Sphyrna zygaena</i>	All areas
Striped marlin	<i>Tetrapturus audax</i>	All areas
Shortbill spearfish	<i>Tetrapturus angustirostris</i>	All areas
Albacore tuna	<i>Thunnus alalunga</i>	All areas
Yellowfin tuna	<i>Thunnus albacares</i>	All areas
Bigeye tuna	<i>Thunnus obesus</i>	All areas
Swordfish	<i>Xiphias gladius</i>	All areas

Region **Other regions**

Area **Western Central Pacific (FAO area 71)**

RCG **LP**

Species (common name)	Species (scientific name)	WCPFC convention area
Pelagic thresher shark	<i>Alopias pelagicus</i>	All areas
Bigeye thresher shark	<i>Alopias superciliosus</i>	All areas
Common thresher shark	<i>Alopias vulpinus</i>	All areas
Silky shark	<i>Carcharhinus falciformis</i>	All areas
Oceanic whitetip shark	<i>Carcharhinus longimanus</i>	All areas
Black marlin	<i>Istiompax indica</i>	All areas
Shortfin mako shark	<i>Isurus oxyrinchus</i>	All areas
Longfin mako shark	<i>Isurus paucus</i>	All areas
Skipjack tuna	<i>Katsuwonus pelamis</i>	All areas
Porbeagle	<i>Lamna nasus</i>	All areas

Blue marlin	<i>Makaira nigricans (or mazara)</i>	All areas
Blue shark	<i>Prionace glauca</i>	All areas
Whale shark	<i>Rhincodon typus</i>	All areas
Scalloped hammerhead shark	<i>Sphyrna lewini</i>	All areas
Great hammerhead shark	<i>Sphyrna mokarran</i>	All areas
Smooth hammerhead shark	<i>Sphyrna zygaena</i>	All areas
Striped marlin	<i>Tetrapturus audax</i>	All areas
Albacore tuna	<i>Thunnus alalunga</i>	All areas
Yellowfin tuna	<i>Thunnus albacares</i>	All areas
Bigeye tuna	<i>Thunnus obesus</i>	All areas
Pacific bluefin tuna	<i>Thunnus orientalis</i>	All areas
Swordfish	<i>Xiphias gladius</i>	All areas
Mobulidae-manta rays	<i>Mobula spp.</i>	All areas

Region **Other regions**

Area **Eastern Central Pacific (FAO area 77 and 87)**

RCG **LP**

Species (common name)	Species (scientific name)	IATTC Convention area
Silky shark	<i>Carcharhinus falciformis</i>	All areas
Oceanic whitetip shark	<i>Carcharhinus longimanus</i>	All areas
Black marlin	<i>Istiompax indica</i>	All areas
Mako sharks	<i>Isurus spp.</i>	All areas
Skipjack tuna	<i>Katsuwonus pelamis</i>	All areas
Porbeagle	<i>Lamna nasus</i>	All areas
Blue marlin	<i>Makaira nigricans (or mazara)</i>	All areas
Whale shark	<i>Rhincodon typus</i>	All areas
Scalloped hammerhead shark	<i>Sphyrna lewini</i>	All areas
Great hammerhead shark	<i>Sphyrna mokarran</i>	All areas
Smooth hammerhead shark	<i>Sphyrna zygaena</i>	All areas
Striped marlin	<i>Tetrapturus audax</i>	All areas
Albacore tuna	<i>Thunnus alalunga</i>	All areas
Yellowfin tuna	<i>Thunnus albacares</i>	All areas
Bigeye tuna	<i>Thunnus obesus</i>	All areas
Pacific bluefin tuna	<i>Thunnus orientalis</i>	All areas

Swordfish	<i>Xiphias gladius</i>	All areas
Mobulidae-manta rays	<i>Mobula</i> spp.	All areas

Region **Other regions**

Area **Western Central Atlantic (FAO area 31)**

RCG **none**

Species (common name)	Species (scientific name)	WECAFC convention area
Acoupa weakfish	<i>Cynoscion acoupa</i>	Northern Brazil shelf
Red hind	<i>Epinephelus guttatus</i>	All areas
Southern brown shrimp	<i>Farfantepenaeus subtilis</i>	Northern Brazil shelf
Flying fish	<i>Hirundichthys affinis</i>	All areas
Queen conch	<i>Lobatus gigas</i>	All areas
Blackfin snapper	<i>Lutjanus buccanella</i>	All areas
Red snapper	<i>Lutjanus campechanus</i>	All areas
Southern red snapper	<i>Lutjanus purpureus</i>	Northern Brazil shelf
Silk snapper	<i>Lutjanus vivanus</i>	All areas
Caribbean spiny lobster	<i>Panulirus argus</i>	All areas

Area **South-East Atlantic (FAO area 47)**

RCG **none**

Species (common name)	Species (scientific name)	SEAFO convention area
Alfonsinos	<i>Beryx</i> spp.	All areas
Red/Golden crabs	<i>Chaceon</i> spp.	All areas
Patagonian toothfish	<i>Dissostichus eleginoides</i>	All areas
Blackbelly rosefishes	<i>Helicolenus</i> spp.	All areas
Orange roughy	<i>Hoplostethus atlanticus</i>	All areas
Pelagic armourhead/Southern boarfish	<i>Pseudopentaceros richardsoni</i>	All areas
Mackerel	<i>Scomber</i> spp.	All areas
Horse mackerel	<i>Trachurus</i> spp.	All areas

Region **Other regions**

Area **Antarctic and Southern Indian Ocean (FAO area 48, 58 and 88)**

RCG **none**

Species (common name)	Species (scientific name)	CCAMLR Convention area
Alfonsinos	<i>Beryx</i> spp.	All areas

Icefish	<i>Champsocephalus gunnari</i>	All areas
Toothfish	<i>Dissostichus</i> spp. (<i>Dissostichus eleginoides</i> and <i>Dissostichus mawsoni</i>)	All areas
Krill	<i>Euphausia superba</i>	All areas
Orange roughy	<i>Hoplostethus atlanticus</i>	All areas
Rockcod	<i>Lepidonotothen</i> spp.	All areas
Grenadier	<i>Macrourus</i> spp.	All areas
Skates and rays	<i>Rajiformes</i>	All areas
Deep sea sharks	All species	All areas

(¹) Highly migratory and tuna-like species listed under ICCAT and IOTC sections should be included in sampling plans in all relevant areas.

Table 2 (former 1D)

Regulatory texts and bodies relevant to species that are to be monitored under protection programmes in the Union or under international obligations

EU legislative acts

Council Directive 92/43/EEC of 21 May 1992 on the conservation of natural habitats and of wild fauna and flora ⁽¹⁾, all marine species listed in Annexes II, IV and V.

Directive 2009/147/EC of the European Parliament and of the Council of 30 November 2009 on the conservation of wild birds ⁽²⁾, all waterbirds and seabirds, including migratory species.

Directive 2008/56/EC of the European Parliament and of the Council of 17 June 2008 establishing a framework for community action in the field of marine environmental policy (Marine Strategy Framework Directive) ⁽³⁾

Council Regulation (EC) No 734/2008 of 15 July 2008 on the protection of vulnerable marine ecosystems in the high seas from the adverse impacts of bottom fishing gears ⁽⁴⁾

Regulation (EU) 2016/2336 of the European Parliament and of the Council of 14 December 2016 establishing specific conditions for fishing for deep-sea stocks in the north-east Atlantic and provisions for fishing in international waters of the north-east Atlantic and repealing Council Regulation (EC) No 2347/2002 ⁽⁵⁾

Council Regulation (EC) No 1967/2006 of 21 December 2006 concerning management measures for the sustainable exploitation of fishery resources in the Mediterranean Sea, amending Regulation (EEC) No 2847/93 and repealing Regulation (EC) No 1626/94 ⁽⁶⁾

Regulation (EU) 2017/2107 of the European Parliament and of the Council of 15 November 2017 laying down management, conservation and control measures applicable in the Convention area of the International Commission for the Conservation of Atlantic Tunas (ICCAT), and amending Council Regulations (EC) No 1936/2001, (EC) No 1984/2003 and (EC) No 520/2007 ⁽⁷⁾

Regulation (EU) 2019/1241 of the European Parliament and of the Council of 20 June 2019 on the conservation of fisheries resources and the protection of marine ecosystems through technical measures, amending Council Regulations (EC) No 1967/2006, (EC) No 1224/2009 and Regulations (EU) No 1380/2013, (EU) 2016/1139, (EU) 2018/973, (EU) 2019/472 and (EU) 2019/1022 of the European Parliament and of the Council, and repealing Council Regulations (EC) No 894/97, (EC) No 850/98, (EC) No 2549/2000, (EC) No 254/2002, (EC) No 812/2004 and (EC) No 2187/2005 ⁽⁸⁾

Regulation (EU) 2019/833 of the European Parliament and of the Council of 20 May 2019 laying down conservation and enforcement measures applicable in the Regulatory Area of the Northwest Atlantic Fisheries Organisation, amending Regulation (EU) 2016/1627 and repealing Council Regulations (EC) No 2115/2005 and (EC) No 1386/2007 ⁽⁹⁾

Regulation (EU) 2018/975 of the European Parliament and of the Council of 4 July 2018 laying down management, conservation and control measures applicable in the South Pacific Regional Fisheries Management Organisation (SPRFMO) Convention Area ⁽¹⁰⁾

International conventions

Barcelona Convention for the Protection of the Marine Environment and the Coastal Region of the Mediterranean ⁽¹¹⁾

Oslo Paris Convention for the Protection of the Marine Environment of the North-East Atlantic ⁽¹²⁾

Helsinki Convention on the Protection of the Marine Environment of the Baltic Sea Area ⁽¹³⁾

Regional fisheries management organisations

General Fisheries Commission for the Mediterranean (GFCM) ⁽¹⁴⁾

International Commission for the Conservation of Atlantic Tunas (ICCAT) ⁽¹⁵⁾

Indian Ocean Tuna Commission (IOTC) ⁽¹⁶⁾

Inter-American Tropical Tuna Commission (IATTC) ⁽¹⁷⁾

North-West Atlantic Fisheries Organization (NAFO) ⁽¹⁸⁾

North-East Atlantic Fisheries Commission (NEAFC) ⁽¹⁹⁾

Fishery Committee for the Eastern Central Atlantic (CECAF) ⁽²⁰⁾

Western Central Atlantic Fishery Commission (WECAFC) ⁽²¹⁾

South-East Atlantic Fisheries Organisation (SEAFO) ⁽²²⁾

Western and Central Pacific Fisheries Commission (WCPFC) ⁽²³⁾

South Pacific Regional Fisheries Management Organisation (SPRFMO) ⁽²⁴⁾

Southern Indian Ocean Fisheries Agreement ⁽²⁵⁾

Commission for the Conservation of Antarctic Marine Living Resources (CCAMLR) ⁽²⁶⁾

⁽¹⁾ OJ L 206, 22.7.1992, p. 7.

⁽²⁾ OJ L 20, 26.1.2010, p. 7.

⁽³⁾ OJ L 164, 25.6.2008, p. 19.

⁽⁴⁾ OJ L 201, 30.7.2008, p. 8.

⁽⁵⁾ OJ L 354, 23.12.2016, p. 1.

⁽⁶⁾ OJ L 409, 30.12.2006, p. 11.

⁽⁷⁾ OJ L 315, 30.11.2017, p. 1.

⁽⁸⁾ OJ L 198, 25.7.2019, p. 105.

⁽⁹⁾ OJ L 141, 28.5.2019, p. 1.

⁽¹⁰⁾ OJ L 179, 16.7.2018, p. 30.

⁽¹¹⁾ <https://web.unep.org/unepmap/who-we-are/legal-framework>

⁽¹²⁾ <https://www.ospar.org/convention/text>

⁽¹³⁾ <http://www.helcom.fi/about-us/convention>

⁽¹⁴⁾ <http://www.fao.org/gfcm/activities/environment-and-conservation/en>

⁽¹⁵⁾ <https://www.iccat.int/en/bycatch.html>

⁽¹⁶⁾ <https://iotc.org/cmms>

⁽¹⁷⁾ <https://www.iattc.org/ResolutionsActiveENG.htm>

⁽¹⁸⁾ <https://www.nafo.int/Fisheries/Conservation>

⁽¹⁹⁾ <https://www.neafc.org/basictexts>

⁽²⁰⁾ <http://www.fao.org/fishery/rfb/cecaf>

⁽²¹⁾ <http://www.fao.org/fishery/rfb/wecafc/en>

⁽²²⁾ <http://www.seafo.org/Documents/Conservation-Measures>

⁽²³⁾ <https://www.wcpfc.int/conservation-and-management-measures>

⁽²⁴⁾ <https://www.sprfmo.int/measures>

⁽²⁵⁾ <https://www.apsoi.org/cmm>

⁽²⁶⁾ <https://www.ccamlr.org/en/conservation-and-management/conservation-and-management>

Table 3 (previously Table 1E)

Freshwater diadromous species

Species (common name)	Species (Scientific name)	Non-marine areas where the stock is located/stock code
European eel	<i>Anguilla anguilla</i>	Eel management units as defined in accordance with Council Regulation (EC) No 1100/2007 ⁽¹⁾
Salmon	<i>Salmo salar</i>	All areas of natural distribution
Sea trout	<i>Salmo trutta</i>	All areas of natural distribution

⁽¹⁾ Council Regulation (EC) No 1100/2007 of 18 September 2007 establishing measures for the recovery of the stock of European eel (OJ L 248, 22.9.2007, p. 17).

Table 4 (previously Table 3)

Species for which data are to be collected for recreational fisheries

Area	Species
Baltic Sea (ICES subdivisions 22-32)	Salmon, eel and sea trout (including in fresh water), cod
North Sea (ICES areas 3a, 4 and 7d)	Salmon and eel (including in fresh water), sea bass, cod, pollack, elasmobranchs
Eastern Arctic (ICES areas 1 and 2)	Salmon and eel (including in fresh water), cod, pollack, elasmobranchs
North Atlantic (ICES areas 5-14 and NAFO areas)	Salmon and eel (including in fresh water), sea bass, cod, pollack, elasmobranchs, highly migratory ICCAT species
Mediterranean Sea	Eel (including in fresh water), elasmobranchs, highly migratory ICCAT species
Black Sea	Eel (including in fresh water), elasmobranchs, highly migratory ICCAT species

Table 5 (previously Table 2)

Fishing activity (metier)

Level 1	Level 2	Level 3	Level 4	Level 5	Level 6		
Activity	Gear classes	Gear groups	Gear type	Target assemblage ⁽¹⁾	Mesh size and other selective devices		
Fishing activity	Dredges	Dredges	Boat dredge [DRB]	Anadromous species (ANA) Benthic species (DES) Catadromous species (CAT) Cephalopods (CEP) Crustaceans (CRU) Demersal species (DEF) Deep-water species (DWS) Finfish (FIF) Freshwater species (FWS) Miscellaneous (MIS) Mixed cephalopod and demersal (MCF) Mixed crustaceans and demersal (MCD) Mixed deep-water species and demersal (MDD) Mixed pelagic and demersal (MPD) Molluscs (MOL) Large pelagic fish (LPF) Small pelagic fish (SPF)	According to existing coding in relevant regulations		
			Mechanised/Suction dredge [DRM] [DRH]				
	Trawls	Bottom trawls	Bottom otter trawl [OTB]				
			Multi-rig otter trawl [OTT] [OTP]				
			Bottom nephrops trawls [TBN]				
			Bottom shrimp trawls [TMS]				
			Bottom pair trawl [PTB]				
			Beam trawl [TBB]				
		Pelagic trawls	Midwater otter trawl [OTM]				
			Midwater pair trawl [PTM]				
			Midwater shrimp trawls [TMS]				
			Semipelagic trawls [TSP]				
			Hooks and lines			Rods and lines	Hand and pole lines [LHP] [LHM]
							Trolling lines [LTL]
	Vertical lines [LVT]						
	Longlines	Drifting long lines [LLD]					
		Set longlines [LLS]					
	Traps	Traps	Aerial traps [FAR]				
			Pots and traps [FPO]				
			Fyke nets [FYK]				
			Stationary uncovered pound nets [FPN]				
			Stow nets [FSN]				
			Fixed installations for fences and weirs [FWR]				
Barriers [FWR]							

Nets	Lift nets	Portable lift nets [LNP]		
		Boat-operated lift nets [LNB]		
		Shore-operated stationary lift nets [LNS]		
	Falling gear	Cast nets [FCN]		
		Cover pots/Lantern nets [FCO]		
	Nets	Trammel nets [GTR]		
		Set gillnets [GNS]		
		Drift gillnets [GND]		
		Combined gillnets-trammel nets [GTN]		
		Encircling gillnets [GNC]		
		Fixed gillnets (on stakes) [GNF]		
	Seines	Surrounding nets		Purse seine [PS]
				Lampara nets [LA]
Seines ^(?)		Fly shooting seine [SSC]		
		Anchored seine [SDN]		
		Pair seine [SPR]		
		Beach and boat seine [SB] [SV]		
Small-scale inshore metiers	Small-scale inshore metiers	Diving [DIV]		
		Fishing on foot [FOO]		
		Lift nets [LN]		
Other gear	Other gear	Glass eel fishing [GES]	Glass eel	
		Harvesting gear seaweeds [HMS]	Seaweed (SWD)	
Miscellaneous	Miscellaneous (specify)			

Activity other than fishing

Inactive

⁽¹⁾ According to existing coding in relevant regulations.

⁽²⁾ To be distinguished between purse seines used in fish aggregating devices (FADs) and in free schools for tropical tunas.

Table 6 (previously Table 4)

Fishing activity variables

Variables ⁽¹⁾	Unit
Marine waters	
Capacity	
Number of vessels	Number
GT, kW, Vessel age	Number
Effort	
Days at sea	Days
Hours fished (optional)	Hours
Fishing days ⁽²⁾	Days
kW * Days at sea ⁽³⁾	Number
GT * Days at sea ⁽⁴⁾	Number
kW * Fishing days ⁽⁵⁾	Number
GT * Fishing days ⁽⁶⁾	Number
Number of trips ⁽⁷⁾	Number
Number of fishing operations	Number
Length of nets (m) * soak time (days)	Metres-days
Number of nets/length ⁽⁸⁾	Number/metres
Number of hooks, number of lines ⁽⁹⁾	Number
Numbers of pots, traps ⁽¹⁰⁾	Number
Number of FADs/buoys	Number
Number of support vessels	Number
Landings	
Value of landings, total and by commercial species	Euro
Live weight of landings, total and by species ⁽¹¹⁾	Tonnes
Average price per species	Euro/kg
Inland waters (eel)	
Capacity	
Number of licences	Number
Effort	
Fishing days ⁽¹²⁾	Number
Number of trips ⁽¹³⁾	Number

Landings

Live weight of landings, total and by life stage ⁽¹⁴⁾

kg

- (1) All variables to be reported at the aggregation level (metiers and fleet segment) specified in Table 5 and Table 8, and by sub-region/fishing ground as specified in Table 2 of Chapter III in the Annex to Commission Implementing Decision (EU) 2021/1168. Specific numbers of operations and/or gear elements shall be used for appropriate gear.
- (2) Data shall be recorded by fishing gear type (FAO International Standard Statistical Classification of Fishing Gear) and by eel management unit as defined in Article 2 of Regulation (EC) No 1100/2007.
- (3) kW*Days at sea; kW *Fishing days – use of active gears only.
- (4) GT*Days at sea; GT*Fishing days – use of passive gears only.
- (5) kW*Days at sea; kW *Fishing days – use of active gears only.
- (6) GT*Days at sea; GT*Fishing days – use of passive gears only.
- (7) Data shall be recorded by fishing gear type (FAO International Standard Statistical Classification of Fishing Gear) and by eel management unit as defined in Article 2 of Regulation (EC) No 1100/2007.
- (8) Collection of these variables for vessels less than 10 metres is to be agreed at marine region level.
- (9) Collection of these variables for vessels less than 10 metres is to be agreed at marine region level.
- (10) Collection of these variables for vessels less than 10 metres is to be agreed at marine region level.
- (11) For certain species (salmon, tuna) specimen number should be used when appropriate.
- (12) Data shall be recorded by fishing gear type (FAO International Standard Statistical Classification of Fishing Gear) and by eel management unit as defined in Article 2 of Regulation (EC) No 1100/2007.
- (13) Data shall be recorded by fishing gear type (FAO International Standard Statistical Classification of Fishing Gear) and by eel management unit as defined in Article 2 of Regulation (EC) No 1100/2007.
- (14) Data shall be recorded by fishing gear type (FAO International Standard Statistical Classification of Fishing Gear) and by eel management unit as defined in Article 2 of Regulation (EC) No 1100/2007.
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Table 7 (previously Table 5A)

Fleet economic variables

Variable group	Variable	Unit
Income	Gross value of landings	Euro
	Income from leasing out quota or other fishing rights	Euro
	Operating subsidies	Euro
	Subsidies on investments	Euro
	Other income	Euro
Operating costs	Personnel costs	Euro
	Value of unpaid labour	Euro
	Energy costs	Euro
	Repair and maintenance costs	Euro
	Other variable costs	Euro
	Other non-variable costs	Euro
	Lease/rental payments for quotas or other fishing rights	Euro
Capital costs	Consumption of fixed capital	Euro
Investments (flow)	Investments in tangible assets (net purchase of assets)	Euro
Financial position (assets and liabilities)	Total assets	Euro
	Value of physical capital	Euro
	Value of quotas and other fishing rights	Euro
	Gross debt	Euro
Employment	Paid labour	Number
	Unpaid labour	Number
	Full-time equivalent (FTE)	Number
	Total hours worked per year (optional)	Number
Fleet	Number of vessels	Number
	Mean LOA of vessels	Metres
	Total vessel tonnage	GT
	Total vessel power	kW
	Mean age of vessels	Years
Effort	Days at sea	Days
	Energy consumption	Litres
Number of fishing enterprises/units	Number of fishing enterprises/units	Number

Table 8 (previously Table 5B)

Fleet segmentation

Active vessels ⁽²⁾		Length classes (LOA) ⁽¹⁾					
		0 – < 6/8/10 m	6/8/10 – < 12 m	12 – < 18 m	18 – < 24 m	24 – < 40 m	40 m or larger
Using ‘active’ gears	Beam trawlers						
	Demersal trawlers and/or demersal seiners						
	Pelagic trawlers						
	Purse seiners						
	Dredgers						
	Vessel using other active gears						
	Vessels using polyvalent ‘active’ gears only						
Using ‘passive’ gears	Vessels using hooks	⁽³⁾	⁽⁴⁾				
	Drift and/or fixed netters						
	Vessels using pots and/or traps						
	Vessels using other passive gears						
	Vessels using polyvalent ‘passive’ gears only						
Using polyvalent gears	Vessels using active and passive gears						
Inactive vessels							

⁽¹⁾ For vessels less than 12 m in the Mediterranean Sea and the Black Sea, the length categories are 0-< 6, 6-< 12 m. For vessels less than 12 m in the Baltic Sea, the length categories are 0-< 8, 8-< 12 m. For all other regions, the length categories are defined as 0-< 10, 10-< 12 m.

⁽²⁾ The dominance criteria are be used to allocate each vessel to a segment based on the number of fishing days used with each gear. If a fishing gear is used by more than the sum of all the others (i.e. a vessel spends more than 50 % of its fishing time using that gear), the vessel shall be allocated to that segment. If not, the vessel shall be allocated to the following fleet segment: (a) ‘Vessels using polyvalent ‘active’ gears only’ if it only uses active gears; (b) ‘Vessels using polyvalent ‘passive’ gears only’ if it only uses passive gears; (c) ‘Vessel using active and passive gears’.

⁽³⁾ Vessels less than 12 metres using passive gears in the Mediterranean Sea and the Black Sea may be disaggregated by gear type. The fleet segment definition also includes an indication of the supra-region and, if available, a geographical indicator to identify vessels fishing in outermost regions and exclusively outside EU waters.

⁽⁴⁾ Vessels less than 12 metres using passive gears in the Mediterranean Sea and the Black Sea may be disaggregated by gear type. The fleet segment definition shall also include an indication of the supra-region and, if available, a geographical indicator to identify vessels fishing in outermost regions and exclusively outside EU waters.

Table 9 (previously Table 6)

Social variables for the fishing and aquaculture sectors

Variable	Unit
Employment by gender	Number
FTEs by gender	Number
Unpaid labour by gender	Number
Employment by age	Number
Employment by level of education	Number
Employment by nationality	Number
Employment by employment status	Number

Table 10 (previously Table 7)

Economic variables in the aquaculture sector

Variable group	Variable	Unit
Income	Gross sales per species	Euro
	Operating subsidies	Euro
	Subsidies on investments	Euro
	Other income	Euro
Operating costs	Personnel costs	Euro
	Value of unpaid labour	Euro
	Energy costs	Euro
	Raw material: livestock costs	Euro
	Raw material: feed costs	Euro
	Repair and maintenance	Euro
	Other operating costs	Euro
Capital costs	Consumption of fixed capital	Euro
Investments (flow)	Investments in tangible assets (net purchase of assets)	Euro
Financial position (assets and liabilities)	Total value of assets	Euro
	Gross debt	Euro
Financial results	Financial income	Euro
	Financial expenditures	Euro
Raw material weight	Livestock used	kg
	Fish feed used	kg
Weight of sales	Weight of sales per species	kg
Employment	Paid labour	Number
	Unpaid labour	Number
	Full-time equivalent (FTE)	Number
	Number of hours worked by employees and unpaid workers (optional)	Hours
Number of enterprises	Number of enterprises by size category	Number

Table 11 (previously Table 9)

Segmentation to be applied for the collection of aquaculture data ⁽¹⁷⁾

	Fish farming techniques ⁽¹⁾						Polyculture	Hatcheries and nurseries ⁽²⁾	Shellfish farming techniques				
	Ponds	Tanks and raceways	Enclosures and pens ⁽³⁾	Recirculation systems ⁽⁴⁾	Other methods	Cages ⁽⁵⁾			All methods	Off-bottom		On-bottom ⁽⁶⁾	Other
										Rafts	Long line		
Salmon													
Trout													
Sea bass & sea bream													
Carp													
Tuna													
Eel													
Sturgeon (eggs for human consumption)													
Other fresh water fish													
Other marine fish													
Mussel													
Oyster													
Clam													
Crustaceans													
Other molluscs													
Multispecies													
Macroalgae													
Microalgae													
Other aquatic organisms													

⁽¹⁷⁾ For definitions of farming techniques, see Regulation (EC) No 762/2008.

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- (¹) Enterprises should be segmented according to their main farming technique.
 - (²) Hatcheries and nurseries are defined as places for the artificial breeding, hatching and rearing through the early life stages of aquatic animals. For statistical purposes, hatcheries are limited to the production of fertilised eggs. Further juvenile stages of aquatic animals are considered as being produced in nurseries. When hatcheries and nurseries are closely associated, statistics shall refer only to the latest juvenile stage produced (Regulation (EC) No 762/2008).
 - (³) Enclosures and pens are defined as areas of water confined by nets, mesh and other barriers allowing uncontrolled water interchange and distinguished by the fact that enclosures occupy the full water column between substrate and surface; pens and enclosures generally enclose a relatively large volume of water (Regulation (EC) No 762/2008).
 - (⁴) Recirculation systems means systems where the water is reused after some form of treatment (e.g. filtering).
 - (⁵) Cages are defined as open or covered enclosed structures constructed with net, mesh or any porous material allowing natural water interchange. These structures may be floating, suspended or fixed to the substrate, but still permit water interchange from below (Regulation (EC) No 762/2008).
 - (⁶) 'On-bottom' techniques cover shellfish farming in inter-tidal areas (directly on the ground or elevated).
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