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COUNCIL REGULATION (EC) No 2597/95

of 23 October 1995

on the submission of nominal catch statistics by Member States fishing in certain areas other than those of the North Atlantic

(OJ L 270, 13.11.1995, p. 1)

Amended by:

		Official Journal		
		No	page	date
►**M1**	Commission Regulation (EC) No 1638/2001 of 24 July 2001	L 222	29	17.8.2001
►**M2**	Regulation (EC) No 1882/2003 of the European Parliament and of the Council of 29 September 2003	L 284	1	31.10.2003

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COUNCIL REGULATION (EC) No 2597/95

of 23 October 1995

on the submission of nominal catch statistics by Member States fishing in certain areas other than those of the North Atlantic

THE COUNCIL OF THE EUROPEAN UNION,

Having regard to the Treaty establishing the European Community, and in particular Article 43 thereof,

Having regard to the proposal from the Commission ([1]),

Having regard to the opinion of the European Parliament ([2]),

Whereas the European Community has acquired membership of the Food and Agriculture Organization of the United Nations (FAO);

Whereas the protocol established between the Council of the European Union and the Commission of the European Communities provides for the Commission to supply FAO with the requested statistics;

Whereas in accordance with the principle of subsidiarity the objectives of the proposed action can only be achieved on the basis of a Community legal act because only the Commission can coordinate the necessary harmonization of the statistical information at Community level while the collection of fishery statistics and the necessary infrastructure to process and monitor the reliability of these statistics is first and foremost the responsibility of the Member States;

Whereas the specific method of drawing up the relevant Community statistics, which is based on the national statistical systems, requires particularly close cooperation between the Commission and the Member States, in particular within the Standing Committee for Agricultural Statistics set up by Decision 72/279/EEC ([3]),

HAS ADOPTED THIS REGULATION:

Article 1

Each Member State shall submit to the Commission data on the nominal catches by vessels registered in or flying the flag of that Member State fishing in certain areas other than those of the North Atlantic, with due regard to Council Regulation (Euratom, EEC) No 1588/90 of 11 June 1990 on the transmission of data subject to statistical confidentiality to the Statistical Office of the European Communities ([4]).

The nominal catch data shall include all fishery products landed or transhipped at sea in no matter what form but shall exclude quantities which, subsequent to capture, are discarded at sea, consumed on board or used as bait on board. The data shall be recorded as the live weight equivalent of the landings or transhipment, to the nearest tonne.

Article 2

1. The data to be submitted shall be the nominal catches in each of the major fishing areas and subdivisions thereof as listed in Annex 1, described in Annex 2 and illustrated in Annex 3. For each of the major fishing areas the species for which data are required are listed in Annex 4.

2. The data for each calendar year shall be submitted within six months of the end of the year.

([1]) OJ No C 329, 25. 11. 1994, p. 1.
([2]) OJ No C 363, 19. 12. 1994, p. 60.
([3]) OJ No L 179, 7. 8. 1972, p. 1.
([4]) OJ No L 151, 15. 6. 1990, p. 1.

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3. Where the Member State's vessels under Article 1 have not fished in a major fishing area in the calendar year, the Member State shall inform the Commission to this effect. However, where fishing has occurred in a major fishing area, submissions shall only be required for species/subdivision combinations for which catches were recorded in the annual period of the submission.

4. The data for species of minor importance caught by the vessels of a Member State need not be individually identified in the submissions but may be included in an aggregated item provided that the weight of the products does not exceed 5 % of the total annual catch in that major fishing area.

5. The lists of statistical fishing areas, or subdivisions thereof, and species may be amended in accordance with the procedure laid down in Article 5.

Article 3

Except where provisions adopted under the common fisheries policy dictate otherwise, a Member State shall be permitted to use sampling techniques to derive catch data for those parts of the fleet for which the complete coverage of the data would involve the excessive application of administrative procedures. The details of the sampling procedures, together with details of the proportion of the total data derived by such techniques, must be included by the Member State in the report submitted pursuant to Article 6 (1).

Article 4

Member States shall fulfil their obligations pursuant to Articles 1 and 2 by submitting the data on magnetic medium, the format of which is given in Annex 5.

With the prior approval of the Commission, Member States may submit data in a different form or on a different medium.

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Article 5

1. The Commission shall be assisted by the Standing Committee on Agricultural Statistics, hereinafter referred to as 'the Committee'.

2. Where reference is made to this Article, Articles 5 and 7 of Decision 1999/468/EC [1] shall apply, having regard to the provisions of Article 8 thereof.

The period laid down in Article 5(6) of Decision 1999/468/EC shall be set at three months.

3. The Committee shall adopt its rules of procedure.

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Article 6

1. Within twelve months of the entry into force of this Regulation, Member States shall submit a detailed report to the Commission describing how the data on catches are derived and specifying the degree of representativity and reliability of these data. The Commission shall draw up a summary of these reports for discussion within the competent Working Group of the Agricultural Statistics Committee.

2. Member States shall inform the Commission of any modifications to the information provided under paragraph 1 within three months of their introduction.

3. Where the methodological reports under paragraph 1 show that a Member State cannot immediately meet the requirements of this Regu-

[1] Council Decision 1999/468/EC of 28 June 1999 laying down the procedures for the exercise of implementing powers conferred on the Commission (OJ L 184, 17.7.1999, p. 23).

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lation and that changes in survey techniques and methodology are necessary, the Commission may, in cooperation with the Member State within the Standing Committee on Agricultural Statistics, set a transitional period of up to two years during which the programme of this Regulation is to be achieved.

4. Methodological reports, transitional arrangements, data availability, data reliability and other relevant issues connected with the application of this Regulation shall be examined once a year within the competent Working Group of the Agricultural Statistics Committee.

Article 7

This Regulation shall enter into force on the day following its publication in the *Official Journal of the European Communities*.

It shall apply as from 1 January 1995.

This Regulation shall be binding in its entirety and directly applicable in all Member States.

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ANNEX 1

LIST OF THE FAO MAJOR FISHING AREAS AND SUBDIVISIONS THEREOF FOR WHICH DATA ARE TO BE SUBMITTED

(The descriptions of these areas and subdivisions are to be found in Annex 2)

EASTERN CENTRAL ATLANTIC (Major fishing area 34)

34.1.1. Morocco coastal division

34.1.2. Canaries/Madeira insular division

34.1.3. Sahara coastal division

34.2. Northern oceanic sub-area

34.3.1. Cape Verde coastal division

34.3.2. Cape Verde insular division

34.3.3. Sherbro division

34.3.4. Western Gulf of Guinea division

34.3.5. Central Gulf of Guinea division

34.3.6. Southern Gulf of Guinea division

34.4.1. Southwest gulf of Guinea division

34.4.2. Southwest oceanic division

MEDITERRANEAN AND BLACK SEA (Major fishing area 37)

37.1.1. Balearic division

37.1.2. Gulf of Lions division

37.1.3. Sardinia division

37.2.1. Adriatic division

37.2.2. Ionian division

37.3.1. Aegean division

37.3.2. Levant division

37.4.1. Marmara Sea division

37.4.2. Black Sea division

37.4.3. Azov Sea division

SOUTHWEST ATLANTIC (Major fishing area 41)

41.1.1. Amazon division

41.1.2. Natal division

41.1.3. Salvador division

41.1.4. Northern oceanic division

41.2.1. Santos division

41.2.2. Rio Grande division

41.2.3. Platense division

41.2.4. Central Oceanic division

41.3.1. Northern Patagonian division

41.3.2. Southern Patagonian division

41.3.3. Southern oceanic division

SOUTHEAST ATLANTIC (Major fishing area 47)

47.1.1. Cape Palmeirinhas division

47.1.2. Cape Salinas division

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47.1.3. Cunene division

47.1.4. Cape Cross division

47.1.5. Orange River division

47.1.6. Cape of Good Hope division

47.2.1. Middle Agulhas division

47.2.2. Eastern Agulhas division

47.3. Southern oceanic sub-area

47.4. Tristan da Cunha sub-area

47.5. St Helena and Ascension sub-area

WESTERN INDIAN OCEAN (Major fishing area 51)

51.1. Red Sea sub-area

51.2. Gulf sub-area

51.3. Western Arabian Sea sub-area

51.4. Eastern Arabian Sea, Laccadive and Sri Lanka sub-area

51.5. Somalia, Kenya and Tanzania sub-area

51.6. Madagascar and Mozambique Channel sub-area

51.7. Oceanic sub-area

51.8.1. Marion-Edward division

51.8.2. Zambesi division

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ANNEX 2

EASTERN CENTRAL ATLANTIC (Major fishing area 34)

Annex 3A shows the boundaries and the sub-areas, divisions and subdivisions of the eastern central Atlantic (Major fishing area 34 (eastern central Atlantic)). A description of the area and its sub-areas, divisions and subdivisions follows. The eastern central Atlantic includes all the waters of the Atlantic bounded by a line drawn as follows:

from a point on the high-water mark of North Africa at 5º36′ west longitude in a south-westerly direction following the high-water mark along this coast to a point at Ponta do Padrão (6º04′36″ south latitude and 12º19′48″ east longitude); thence along a rhumb line in a north-westerly direction to a point on 6º00′ south latitude and 12º00′ east longitude; thence due west along 6º00′ south latitude to 20º00′ west longitude; thence due north to the Equator; thence due west to 30º00′ west longitude; thence due north to 5º00′ north latitude; thence due west to 40º00′ west longitude, thence due north to 36º00′ north latitude; thence due east to Punta Marroqui at 5º36′ west longitude; thence due south to the original point on the African coast.

The eastern central Atlantic is subdivided in the following way:

Northern coastal sub-area (Sub-area 34.1)

(a) *Morocco coastal division (Division 34.1.1)*

Waters lying between 36º00′ north latitude and 26º00′ north latitude, and east of a line drawn due south from 36º00′ north latitude along 13º00′ west longitude to 29º00′ north latitude, and thence in south-westerly direction along a rhumb line to a point at 26º00′ north latitude and 16º00′ west longitude.

(b) *Canaries/Madeira insular (Division 34.1.2)*

Waters lying between 36º00′ north latitude and 26º00′ north latitude, and between 20º00′ west longitude and a line drawn from 36º00′ north latitude along 13º00′ west longitude to 29º00′ north latitude, and thence along a rhumb line to a point at 26º00′ north latitude and 16º00′ west longitude.

(c) *Sahara coastal division (Division 34.1.3)*

Waters lying between 26º00′ north latitude and 19º00′ north latitude and east of 20º00′ west longitude.

Northern oceanic sub-area (Sub-area 34.2)

Waters lying between 36º00′ north latitude and 20º00′ north latitude and between 40º00′ west longitude and 20º00′ west longitude.

Southern coastal sub-area (Sub-area 34.3)

(a) *Cape Verde coastal division (Division 34.3.1)*

Waters lying between 19º00′ and 9º00′ north latitude, and east of 20º00′ west longitude.

(b) *Cape Verde insular division (Division 34.3.2)*

Waters lying between 20º00′ north latitude and 10º00′ north latitude, and between 30º00′ west longitude and 20º00′ west longitude.

(c) *Sherbro division (Division 34.3.3)*

Waters lying between 9º00′ north latitude and the Equator, and between 20º00′ west longitude and 8º00′ west longitude.

(d) *Western Gulf of Guinea division (Division 34.3.4)*

Waters lying north of the Equator, and between 8º00′ west longitude and 3º00′ east longitude.

(e) *Central Gulf of Guinea division (Division 34.3.5)*

Waters lying north of the Equator, and east of 3º00′ east longitude.

(f) *Southern Gulf of Guinea division (Division 34.3.6)*

Waters lying between the Equator and 6º00′ south latitude, and east of 3º00′ east longitude. This division includes also the waters of the Congo estuary lying south of 6º00′ south latitude included by a line drawn from a point at Ponta do Padrão (6º04′36″ south latitude and 12º19′48″ east longitude) along a rhumb line in a north-westerly direction to a point on 6º00′ south latitude and 12º00′ east longitude, and thence due east along 6º00′ south latitude to the African coast and thence along the African coast to the original point at Ponta do Padrão.

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Southern oceanic sub-area (Sub-area 34.4)

(a) *Southwest Gulf of Guinea division (Division 34.4.1)*

Waters lying between the Equator and 6º00′ south latitude, and between 20º00′ west longitude and 3º00′ east longitude.

(b) *Southwest Oceanic division (Division 34.4.2)*

Waters lying between 20º00′ north latitude and 5º00′ north latitude, and between 40º00′ west longitude and 30º00′ west longitude; waters lying between 10º00′ north latitude and the Equator, and between 30º00′ west longitude and 20º00′ west longitude.

MEDITERRANEAN AND BLACK SEA (Major fishing area 37)

Annex 3B shows the boundaries and the sub-areas and divisions of the Mediterranean and the Black Sea (Major fishing area 37). A description of this area and its subdivisions follows.

The Mediterranean and Black Sea statistical area comprises all the marine waters of (a) the Mediterranean Sea; (b) the Sea of Marmara; (c) the Black Sea and (d) the Sea of Azov. Marine waters include brackish water lagoons and all other areas where fishes and other organisms of marine origin are predominant. The western and south-eastern limits are defined as follows:

(a) western limit: a line running due south along 5º36′ west longitude from Punta Marroqui to the coast of Africa;

(b) south-eastern limit: the northern (Mediterranean) entrance of the Suez Canal.

THE SUB-AREAS AND DIVISIONS OF THE MEDITERRANEAN SEA STATISTICAL AREA

The western Mediterranean (Sub-area 37.1) ***comprises the following divisions:***

(a) *Balearic (Division 37.1.1)*

The waters of the western Mediterranean bounded by a line commencing on the coast of Africa at the Algerian/Tunisian frontier running due north to 38º00′ north latitude; thence due west to 8º00′ east longitude; thence due north to 41º20′ north latitude; thence westward along a rhumb line to the mainland coast at the eastern end of the frontier between France and Spain; thence following the Spanish coast to Punta Marroqui; thence due south along 5º36′ west longitude to the coast of Africa; thence following in an eastwards direction the coast of Africa to the starting point.

(b) *Gulf of Lions (Division 37.1.2)*

The waters of the north-western Mediterranean Sea bounded by a line commencing on the mainland coast at the eastern end of the frontier between France and Spain running eastward along a rhumb line to 8º00′ east longitude 41º20′ north latitude; thence northward along a rhumb line to the mainland coast at the frontier between France and Italy; thence following in a south-westerly direction the coast of France to the starting point.

(c) *Sardinia (Division 37.1.3)*

The waters of the Tyrrhenian Sea and adjacent waters bounded by a line commencing on the coast of Africa at the Algerian/Tunisian frontier running due north to 38º00′ north latitude; thence due west to 8º00′ east longitude; thence due north to 41º20′ north latitude; thence northward along a rhumb line to the mainland coast at the frontier between France and Italy; thence following the coast of Italy to 38º00′ north latitude; thence due west along 38º00′ north latitude to the coast of Sicily; thence following the northern coast of Sicily to Trapani; thence along a rhumb line to Cape Bon; thence westwards following the coast of Tunisia to the starting point.

The central Mediterranean (Sub-area 37.2) ***comprises the following divisions:***

(a) *Adriatic (Division 37.2.1)*

The waters of the Adriatic Sea north of a line running from the frontier between Albania and the former Republic of Yugoslavia on the east coast of the Adriatic Sea due west to Cape Gargano on the coast of Italy.

(b) *Ionian (Division 37.2.2)*

The waters of the Central Mediterranean and adjacent waters bounded by a line commencing at 25º00′ east longitude on the coast of north Africa running due north to 34º00′ north latitude; thence due west to 23º00′ east

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longitude; thence due north to the coast of Greece; thence following the west coast of Greece and the coast of Albania to the frontier between Albania and the former Republic of Yugoslavia; thence due west to Cape Gargano on the coast of Italy; thence following the coast of Italy to 38º00′ north latitude; thence due west along 38º00′ north latitude to the coast of Sicily; thence following the northern coast of Sicily to Trapani; thence along a rhumb line from Trapani to Cape Bon; thence eastwards following the coast of north Africa to the starting point.

The eastern Mediterranean (Sub-area 37.3) ***comprises the following divisions:***

(a) *Aegean (Division 37.3.1)*

The waters of the Aegean Sea and adjacent waters bounded by a line commencing on the southern coast of Greece at 23º00′ east longitude running due south to 34º00′ north latitude; thence due east to 29º00′ east longitude; thence due north to the coast of Turkey; thence following the western coast of Turkey to Kum Kale; thence along a rhumb line running from Kum Kale to Cape Hellas; thence following the coasts of Turkey and Greece to the starting point.

(b) *Levant (Division 37.3.2)*

The waters of the Mediterranean Sea east of a line commencing on the coast of north Africa at 25º00′ east longitude running due north to 34º00′ north latitude; thence due east to 29º00′ east longitude; thence due north to the coast of Turkey; thence following the coasts of Turkey and other countries of the eastern Mediterranean to the starting point.

The Black Sea (Sub-area 37.4) ***comprises the following divisions:***

(a) *Marmara Sea (Division 37.4.1)*

The waters of the Marmara Sea bounded on the west by a line running from Cape Hellas to Kum Kale at the entrance of the Dardanelles; and on the east by a line running across the Bosporus from Kumdere.

(b) *Black Sea (Division 37.4.2)*

The waters of the Black Sea and adjacent waters bounded on the southwest by a line running across the Bosporus from Kumdere and bounded on the northeast, at a line running from Takil Point on the Kerch peninsula to Panagija Point on the Taman peninsula.

(c) *Azov Sea (Division 37.4.3)*

The waters of the Azov Sea north of a line running along the southern entrance of the Kerch Strait, commencing from Takil Point at 45º06′N and 36º27′E on the Kerch peninsula, and running across the strait to Panagija Point at 45º08′N and 36º38′E on the Taman peninsula.

SOUTHWEST ATLANTIC (Major fishing area 41)

Annex 3C shows the boundaries and the subdivisions of the southwest Atlantic (Major fishing area 41).

A description of these areas follows.

The southwest Atlantic (Major fishing area 41) shall be defined as the waters bounded by a line starting from the coast of South America along parallel 5º00′ north latitude to the meridian at 30º00′ west longitude; thence due south to the Equator; thence due east to the meridian at 20º00′ west longitude; thence due south to the parallel at 50º00′ south latitude; thence due west to the meridian at 50º00′ west longitude; thence due south to the parallel at 60º00′ south latitude; thence due west to the meridian at 67º16′ west longitude; thence due north to the point at 56º22′S 67º16′W; thence due east along a line at 56º22′S to the point at 65º43′W; the following line joining the points at 55º22′S 65º43′W, 55º11′S 66º04′W, 55º07′S 66º25′W; thence in a northerly direction along the coast of South America to the starting point.

The southwest Atlantic is divided into the following divisions:

Amazon division (Division 41.1.1)

All waters bounded by a line starting on the coast of South America at 5º00′ north latitude going in along this parallel to where it meets the meridian at 40º00′ west longitude; thence due south to the point where this meridian intersects the coast of Brazil; thence in a northwesterly direction along the coast of South America to the starting point.

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Natal division (Division 41.1.2)

Waters bounded by a line due north from the coast of Brazil along the meridian at 40º00′ west longitude to where it meets the Equator; thence due east along the Equator to the meridian at 32º00′W; thence due south to the parallel at 10º00′ south latitude; thence due west to where the parallel at 10º00′S meets the coast of South America; thence in a northerly direction along the coast of South America to the starting point.

Salvador division (Division 41.1.3)

Waters bounded by a line due east from the coast of South America at 10º00′ south latitude to where it meets the meridian at 35º00′ west longitude; thence due south to the parallel at 20º00′ south latitude; thence due west along this parallel to the coast of South America; thence in a northerly direction along the coast of South America to the starting point.

Northern oceanic division (Division 41.1.4)

Waters bounded by a line due east from 5º00′N 40º00′W to the meridian at 30º00′ west longitude; thence due south to the Equator; thence due east to the meridian at 20º00′ west longitude; thence due south to the parallel at 20º00′ south latitude; thence due west to the meridian at 35º00′ west longitude; thence due north to the parallel at 10º00′ south latitude; thence due east to the meridian at 32º00′ west longitude; thence due north to the Equator; thence due west to the meridian at 40º00′ west longitude; thence due north to the starting point.

Santos division (Division 41.2.1)

Waters bounded by a line due east from the coast of South America at 20º00′ south latitude to where it meets the meridian at 39º00′ west longitude; thence due south to the parallel at 29º00′ south latitude; thence due west along this parallel to the coast of South America; thence in a northerly direction along the coast of South America to the starting point.

Rio Grande division (Division 41.2.2)

Waters bounded by a line due east from the coast of South America at 29º00′ south latitude to where it meets the meridian at 45º00′ west longitude; thence due south to the parallel at 34º00′ south latitude; thence due west along this parallel to the coast of South America; thence in a northerly direction along the coast of South America to the starting point.

Platense division (Division 41.2.3)

Waters bounded by a line due east from the coast of South America at 34º00′ south latitude to where it meets the meridian at 50º00′ west longitude; thence due south to the parallel at 40º00′ south latitude; thence due west along this parallel to the coast of South America; thence in a northerly direction along the coast of South America to the starting point.

Central oceanic division (Division 41.2.4)

Waters bounded by a line due east from 20º00′S 39º00′W to the meridian at 20º00′ west latitude; thence due south to the parallel at 40º00′ south latitude; thence due west to the meridian at 50º00′ west latitude; thence due north to the parallel at 34º00′ south latitude; thence due east to the meridian at 45º00′ west longitude; thence due north to the parallel at 29º00′ south latitude; thence due east to the meridian at 39º00′ west longitude; thence due north to the starting point.

Northern Patagonian division (Division 41.3.1)

Waters bounded by a line due east from the coast of South America at 40º00′ south latitude to where it meets the meridian at 50º00′ west longitude; thence due south to the parallel at 48º00′ south latitude; thence due west along this parallel to the coast of South America; thence in a northerly direction along the coast of South America to the starting point.

Southern Patagonian division (Division 41.3.2)

Waters bounded by a line due east from the coast of South America at 48º00′ south latitude to where it meets the meridian at 50º00′ west longitude; thence due south to the parallel at 60º00′ south latitude; thence due west along this parallel to the meridian at 67º16′ west longitude; thence due north to the point at 56º22′S 67º16′W; thence following a loxodromic line joining the points at 56º22′S 65º43′W; 55º22′S 65º43′W; 55º11′S 66º04′W; 55º07′S 66º25′W; thence in a northerly direction along the coast of South America to the starting point.

Southern oceanic division (Division 41.3.3)

Waters bounded by a line due east from 40º00′S 50º00′W to the meridian at 20º00′west longitude; thence due south to the parallel at 50º00′ south latitude; then due north to the starting point.

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SOUTHEAST ATLANTIC (Major fishing area 47)

Annex 3D shows the boundaries and subdivisions of the southeast Atlantic. A description of the ICSEAF Convention Area follows.

The southeast Atlantic (Major fishing area 47) comprises the waters bounded by a line beginning at a point at 6º04′36″ south latitude and 12º19′48″ east longitude; thence in a north-westerly direction along a rhumb line to a point at the intersection of the meridian 12º east with the parallel 6º south; thence due west along this parallel to the meridian 20º west; thence due south along this meridian to the parallel 50º south, thence due east along this parallel to the meridian 30º east; thence due north along this meridian to the coast of the African continent; thence in a westerly direction along this coast to the original point of departure.

The southeast Atlantic (Major fishing area 47) is subdivided as follows:

Western coastal sub-area (Sub-area 47.1)

(a) *Cape Palmeirinhas division (Division 47.1.1)*

Waters lying between 6º00′ south latitude and 10º00′ south latitude and east of 10º00′ east longitude. From this division are excluded the waters of the Congo estuary (Zaire), i. e., the waters lying to the north-east of the line drawn from Punta do Padrão (6º04′36″S and 12º19′48″E) to a point at 6º00′S and 12º00′E.

(b) *Cape Salinas division (Division 47.1.2)*

Waters lying between 10º00′ south latitude and 15º00′ south latitude and east of 10º00′ east longitude.

(c) *Cunene division (Division 47.1.3)*

Waters lying between 15º00′ south latitude and 20º00′ south latitude and east of 10º00′ east longitude.

(d) *Cape Cross division (Division 47.1.4)*

Waters lying between 20º00′ south latitude and 25º00′ south latitude and east of 10º00′ east longitude.

(e) *Orange River division (Division 47.1.5)*

Waters lying between 25º00′ south latitude and 30º00′ south latitude and east of 10º00′ east longitude.

(f) *Cape of Good Hope division (Division 47.1.6)*

Waters lying between 30º00′ south latitude and 40º00′ south latitude and between 10º00′ east longitude and 20º00′ east longitude.

Agulhas coastal sub-area (Sub-area 47.2)

(a) *Middle Agulhas division (Division 47.2.1)*

Waters lying north of 40º00′ south latitude and between 20º00′ east longitude and 25º00′ east longitude.

(b) *Eastern Agulhas division (Division 47.2.2)*

Waters lying north of 40º00′ south latitude and between 25º00′ east longitude and 30º00′ east longitude.

Southern oceanic sub-area (Sub-area 47.3)

Waters lying between 40º00′ south latitude and 50º00′ south latitude and between 10º00′ east longitude and 30º00′ east longitude.

Tristan da Cunha sub-area (Sub-area 47.4)

Waters lying between 20º00′ south latitude and 50º00′ south latitude and between 20º00′ west longitude and 10º00′ east longitude.

St Helena and Ascension sub-area (Sub-area 47.5)

Waters lying between 6º00′ south latitude and 20º00′ south latitude and between 20º00′ west longitude and 10º00′ east longitude.

WESTERN INDIAN OCEAN (Major fishing area 51)

The western Indian Ocean comprises in general:

(a) the Red Sea;

(b) the Gulf of Aden;

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(c) the gulf between the coast of Iran and the Arabian Peninsula;

(d) the Arabian Sea;

(e) that part of the Indian Ocean, including the Mozambique Channel, lying between the meridians 30º00′E and 80º00′E and north of the line of the Antarctic convergence and including the waters around Sri Lanka.

Annex 3E shows the boundaries and the subdivisions of the western Indian Ocean (Major fishing area 51).

The western Indian Ocean shall be defined as having the following boundaries:

— the boundary with the Mediterranean Sea: the northern entrance of the Suez Canal,

— the western marine boundary: a line commencing on the east coast of Africa at 30º00′E longitude and running due south to 45º00′S latitude,

— the eastern marine boundary: a rhumb line commencing on the southeast coast of India (Point Calimere) and running in a north-easterly direction to meet a point at 82º00′E longitude 11º00′N latitude, thence running due east to meridian 85º00′E; thence due south to the parallel 3º00′N; thence due west to the meridian 80º00′E; thence due south to the parallel 45º00′S,

— the southern boundary: a line running along the parallel 45º00′S from 30º00′E longitude to 80º00′E longitude.

The western Indian Ocean is subdivided in the following way:

Red Sea sub-area (Sub-area 51.1)

— Northern limit: northern entrance of Suez Canal.

— Southern limit: a rhumb line from the frontier between Ethiopia and the Republic of Djibouti on the coast of Africa, across the mouth of the Red Sea, to the frontier between the former Arab Republic of Yemen and the former People′s Democratic Republic of Yemen on the Arabian Peninsula.

Gulf sub-area (Sub-area 51.2)

The mouth of the Gulf is closed by a line commencing at the northern tip of Ra′s Musandam and running due east to the coast of Iran.

Western Arabian Sea sub-area (Sub-area 51.3)

The eastern and southern boundaries are a line from the Iran/Pakistan frontier on the coast of Asia running due south to the parallel 20º00′N; thence due east to the meridian 65º00′E; thence due south to the parallel 10º00′N; thence due west to the coast of Africa; other marine boundaries are the common boundaries with sub-areas 51.1 and 51.2 (see above).

Eastern Arabian Sea, Laccadive and Sri Lanka sub-area (Sub-area 51.4)

The sea boundary is a line commencing on the coast of Asia at the Iran/Pakistan frontier, running due south to the parallel 20º00′N; thence due east to the meridian 65º00′E; thence due south to the parallel 10º00′S; thence due east to the meridian 80º00′E; thence due north to the parallel 3º00′N; thence due east to the meridian 85º00′E; thence due north to parallel 11º00′N; thence due west to the meridian 82º00′E; thence along a rhumb line in a south-westerly direction to the southeast coast of India.

Somalia, Kenya and Tanzania sub-area (Sub-area 51.5)

A line commencing on the coast of Somalia at 10º00′N running due east to the meridian 65º00′E; thence due south to the parallel 10º00′S; thence due west to the meridian 45º00′E; thence due south to the parallel 10º28′S; thence due west to the east coast of Africa between Ras Mwambo (to the north) and Mwambo Village (to the south).

Madagascar and Mozambique Channel sub-area (Sub-area 51.6)

A line commencing on the east coast of Africa between Ras Mwambo (to the north) and Mwambo Village (to the south) at 10º28′S latitude, running due east to the meridian 45º00′E; thence due north to the parallel 10º00′S; thence due east to the meridian 55º00′E; thence due south to the parallel 30º00′S; thence due west to the meridian 40º00′E; thence due north to the coast of Mozambique.

Oceanic (Western Indian Ocean) sub-area (Sub-area 51.7)

A line commencing at the position 10º00′S latitude and 55º00′E longitude, running due east to the meridian 80º00′E; thence due south to the parallel 45º00′S; thence due west to the meridian 40º00′E; thence due north to the

▼B

parallel 30º00′S; thence due east to the meridian 55º00′E; thence due north to the starting position on the parallel 10º00′S.

Mozambique sub-area (Sub-area 51.8)

The sub-area comprises the waters lying north of parallel 45º00′S and between the meridians 30º00′E and 40º00′E. It is further subdivided into two divisions.

Marion-Edward division (Division 51.8.1)

Waters lying between the parallels of 40º00′S and 50º00′S and the meridians of 30º00′E and 40º00′E.

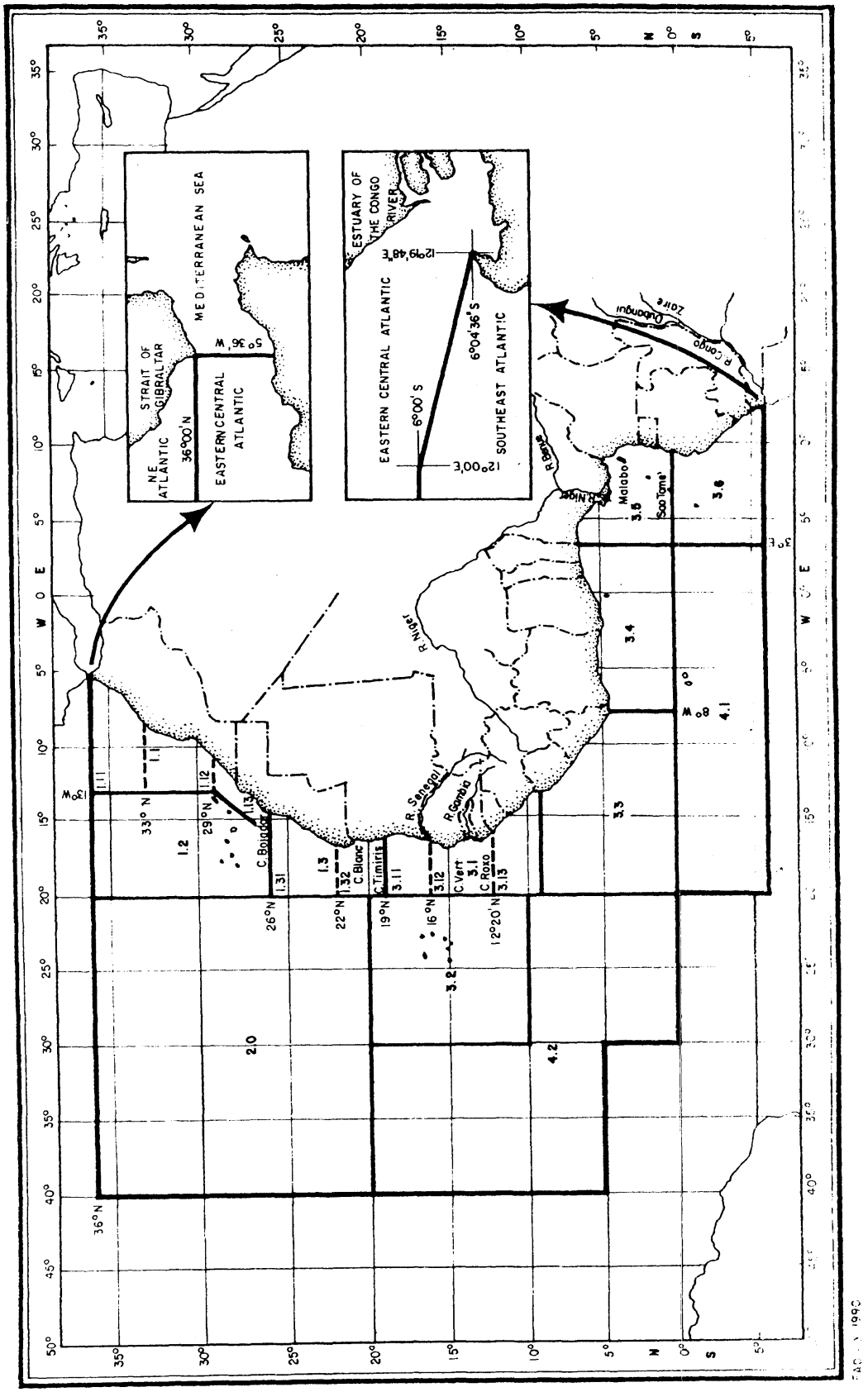
Zambesi division (Division 51.8.2)

Waters lying north of the parallel 40º00′S and between the meridians 30º00′E and 40º00′E.

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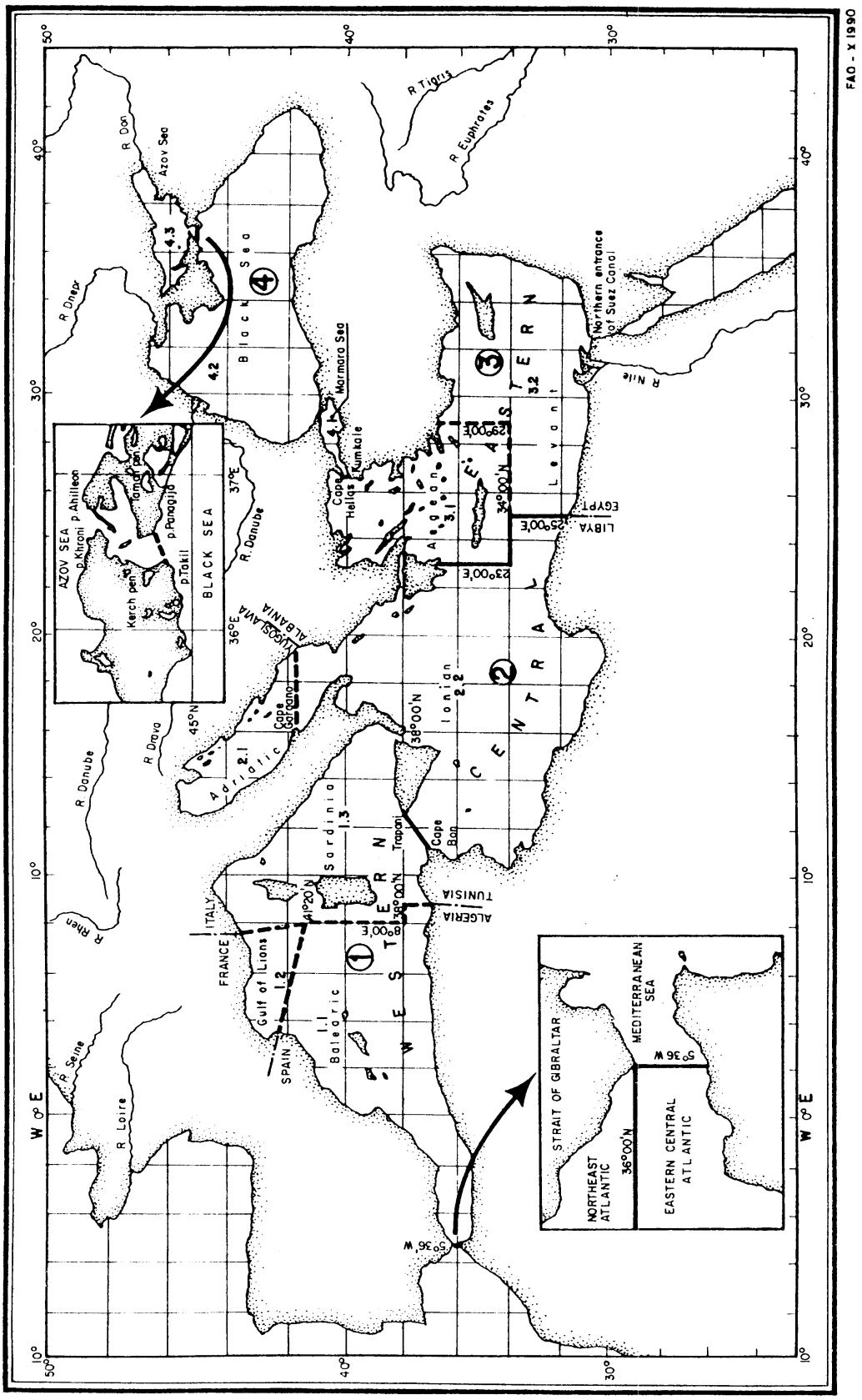
ANNEX 3

A: EASTERN CENTRAL ATLANTIC OCEAN (Major fishing area 34)



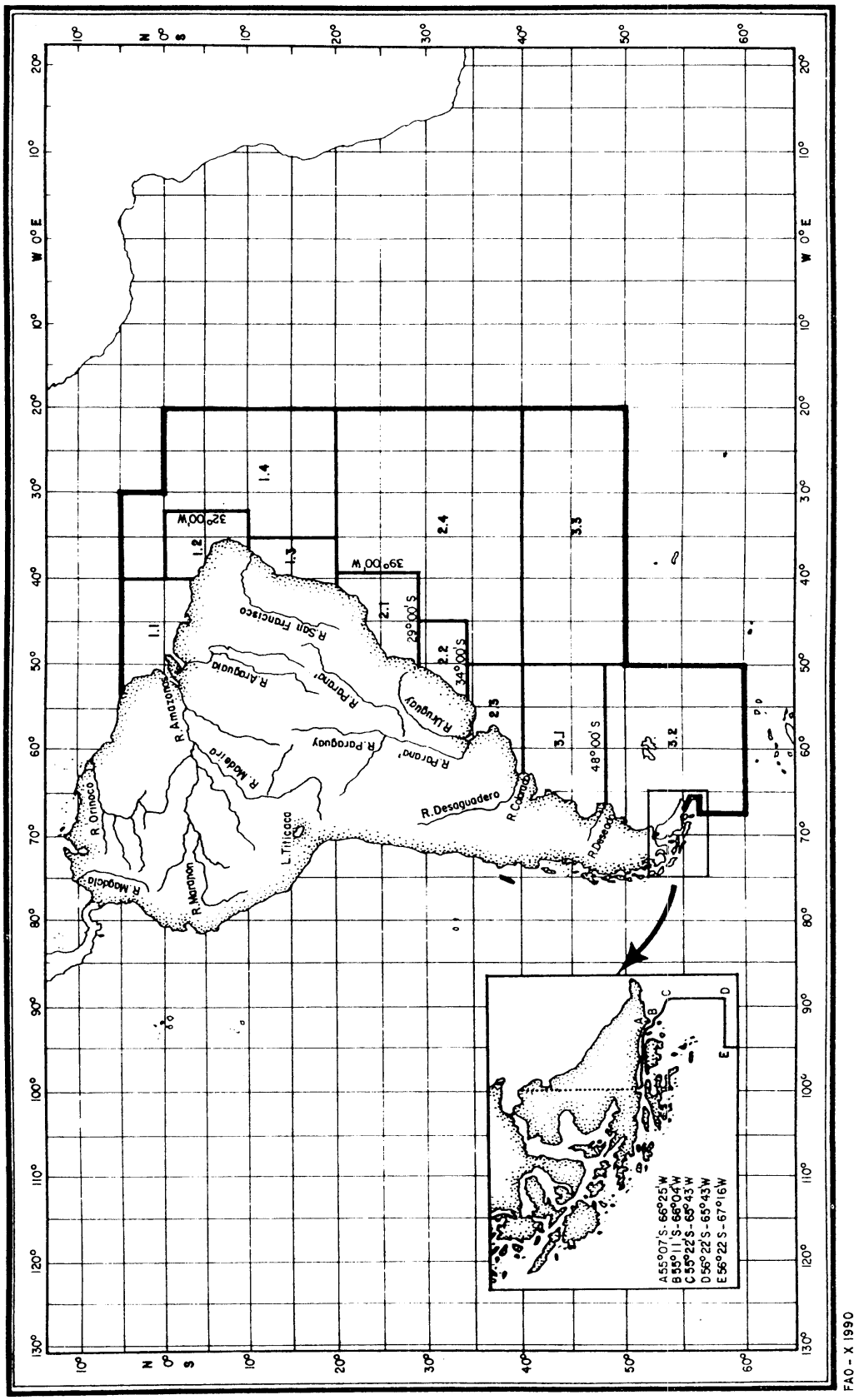
▼B

B: MEDITERRANEAN AND BLACK SEA (Major fishing area 37)



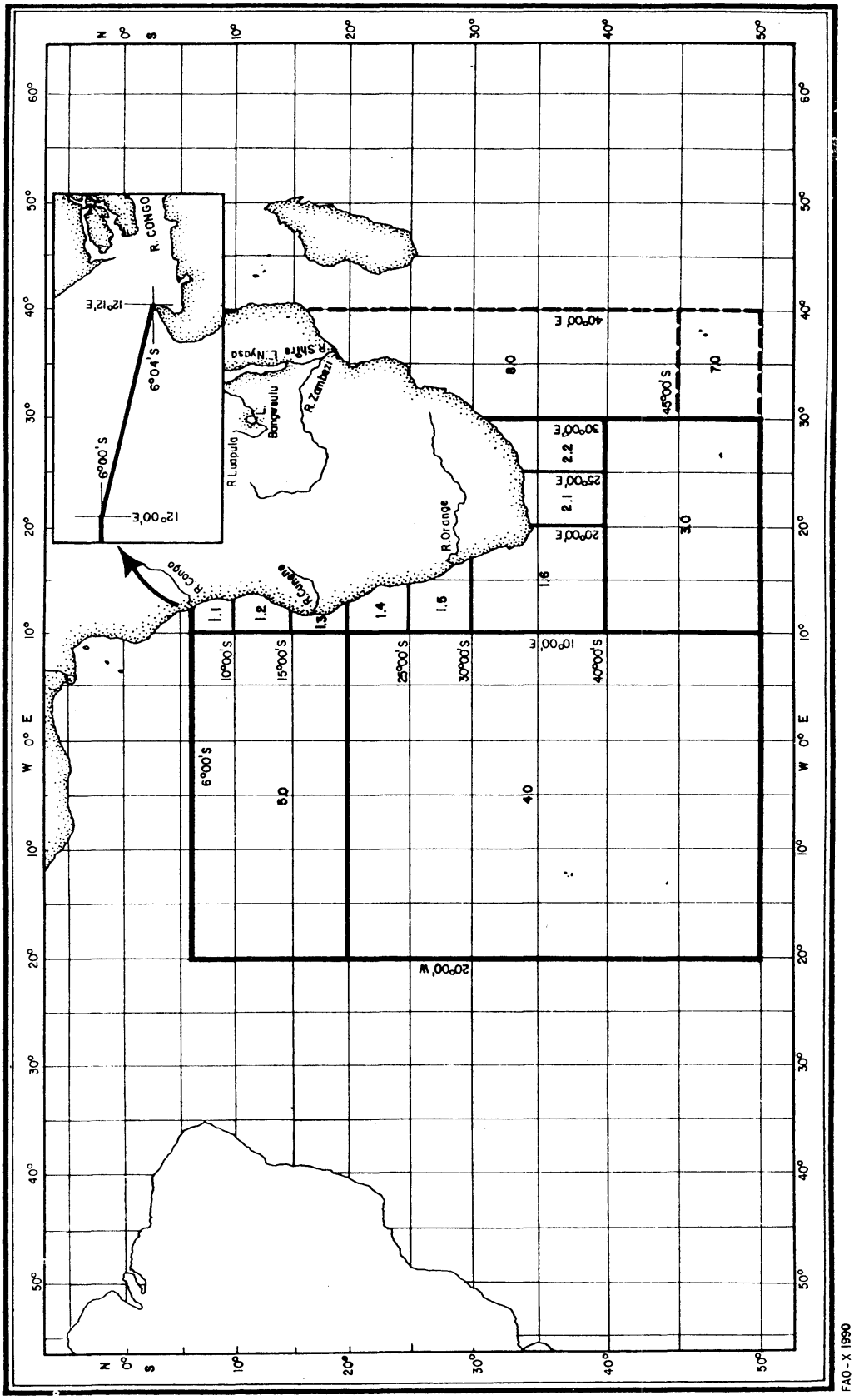
▼B

C: SOUTHWEST ATLANTIC (Major fishing area 41)



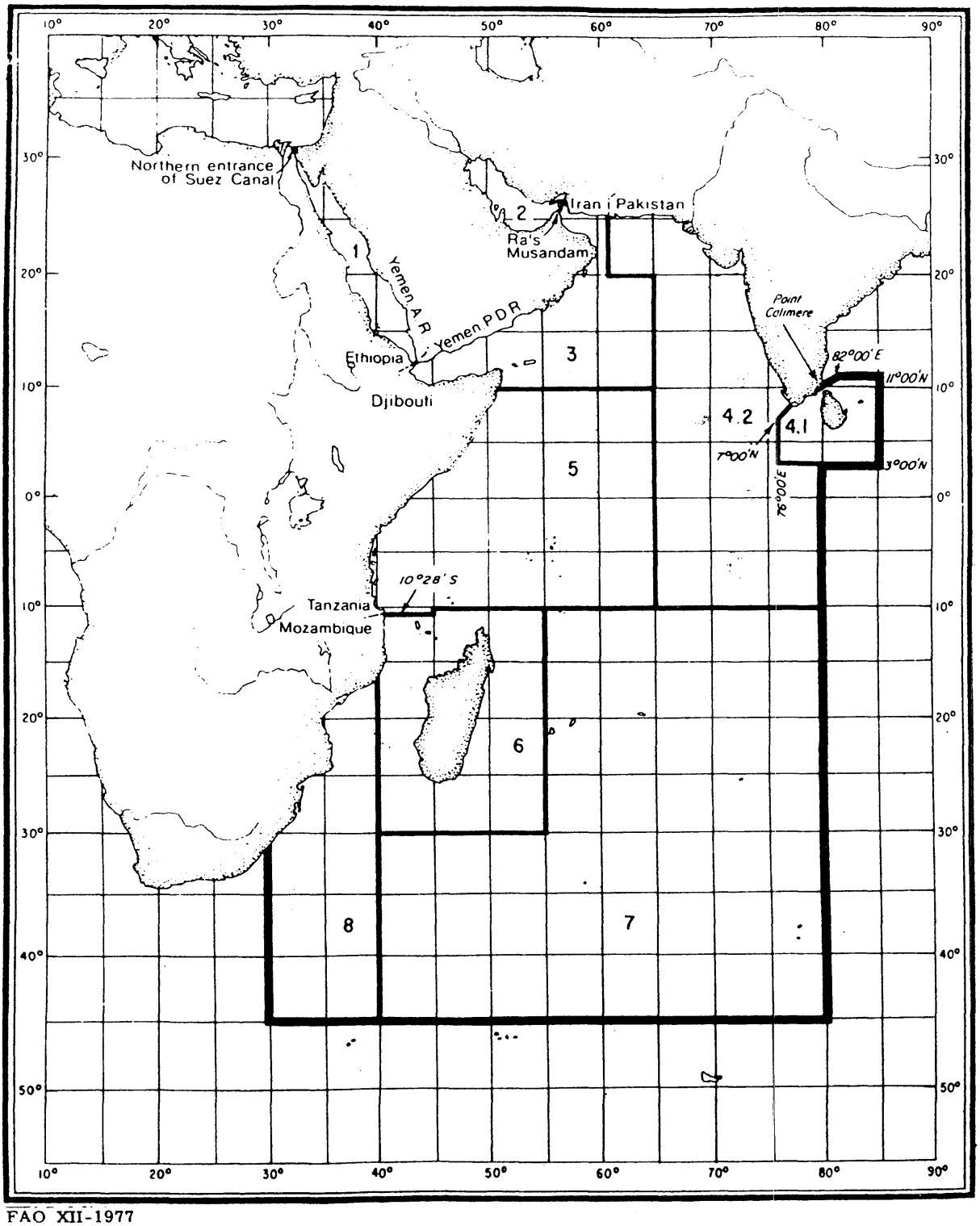
▼B

D: SOUTHEAST ATLANTIC (Major fishing area 47)



▼B

E: WESTERN INDIAN OCEAN (Major fishing area 51)



FAO XII-1977

▼B

ANNEX 4

▼M1

LIST OF SPECIES FOR WHICH DATA ARE TO BE SUBMITTED FOR EACH MAJOR FISHING AREA

The species listed below are those for which captures have been reported in the official statistics. Member States should submit data for each of the identified species if available. Where individual species cannot be identified the data should be aggregated and submitted in the item representing the highest degree of detail possible.

Note*:* n.e.i. = not elsewhere indicated.

Eastern Central Atlantic (Major fishing area 34)

English name	3-alpha identifier	Scientific name
European eel	ELE	Anguilla anguilla
Shads n.e.i.	SHZ	Alosa *spp.*
West African ilisha	ILI	Ilisha africana
Flatfishes n.e.i.	FLX	Pleuronectiformes
Lefteye flounders	LEF	Bothidae
Common sole	SOL	Solea vulgaris
Wedge (= Senegal) sole	CET	Dicologoglossa cuneata
Soles n.e.i.	SOX	Soleidae
Tonguefishes n.e.i.	TOX	Cynoglossidae
Megrim	MEG	Lepidorhombus whiffiagonis
Megrims n.e.i.	LEZ	Lepidorhombus *spp.*
Greater forkbeard	GFB	Phycis blennoides
Pouting (= Bib)	BIB	Trisopterus luscus
Blue whiting (= Poutassou)	WHB	Micromesistius poutassou
European hake	HKE	Merluccius merluccius
Senegalese hake	HKM	Merluccius senegalensis
Hakes n.e.i.	HKX	Merluccius *spp.*
Gadiformes n.e.i.	GAD	Gadiformes
Sea catfishes n.e.i.	CAX	Ariidee
European conger	COE	Conger conger
Conger eels n.e.i.	COX	Congridae
Slender snipefish	SNS	Macrorhamphosus scolopax
Alfonsinos	ALF	Beryx *spp.*
John Dory	JOD	Zeus faber
Silvery John Dory	JOS	Zenopsis conchifer
Boar fishes	BOR	Caproidae
Demersal percomorphs n.e.i.	DPX	Perciformes
Dusky grouper	GPD	Epinephelus guaza
White grouper	GPW	Epinephelus aeneus
Groupers n.e.i.	GPX	Epinephelus *spp.*
Wreckfish	WRF	Polyprion americanus
Groupers, seabasses n.e.i.	BSX	Serranidae
Spotted seabass	SPU	Dicentrarchus punctatus
Seabass	BSS	Dicentrarchus labrax
Bigeyes n.e.i.	BIG	Priacanthus *spp.*
Cardinal fishes n.e.i.	APO	Apogonidee
Tilefishes	TIS	Branchiostegidae
Bonnetmouths, rubyfishes, etc.	EMT	Emmelichthyidae

▼M1

English name	3-alpha identifier	Scientific name
Snappers n.e.i.	SNA	Lutjanus *spp.*
Snappers, iobfishes, n.e.i.	SNX	Lutjanidae
Rubberlip grunt	GBR	Plectorhinchus mediterraneus
Bastard grunt	BGR	Pomadasys incisus
Sompat grunt	BUR	Pomadasys jubelini
Big-eye grunt	GRB	Brachydeuterus auritus
Grunts, sweetlips, n.e.i.	GRX	Haemulidae (= Pomedasyidae)
Drums	DRU	Sciaena *spp.*
Shi drum (= Corb)	COB	Umbrina cirrosa
Meagre	MGR	Argyrosornus regius
Boe drum	DRS	Pteroscion peli
Law croaker	CKL	Pseudotolithus brachygnatus
Cassava croaker	PSS	Pseudotolithus senegalensis
Bobo croaker	PSE	Pseudotolithus elongatus
West African croakers	CKW	Pseudotolithus *spp.*
Croakers, drums n.e.i.	CDX	Sciaenidae
Red (=Blackspot) seabream	SBR	Pagellus bogaraveo
Common pandora	PAC	Pagellus erythrinus
Axillary seabream	SBA	Pagellus acarne
Red pandora	PAR	PagelIus bellottii
Pandoras n.e.i.	PAX	Pagellus *spp.*
Sargo breams, n.e.i.	SRG	Diplodus *spp.*
Large-eye dentex	DEL	Dentex macrophthalmus
Common dentex	DEC	Dentex dentex
Angolan dentex	DEA	Dentex angolensis
Congo dentex	DNC	Dentex congoensis
Dentex n.e.i.	DEX	Dentex *spp.*
Black seabream	BRB	Spondyliosoma cantharus
Saddled seabream	SBS	Oblada melanura
Bluespotted seabream	BSC	Sparus caeruleostictus
Red porgy	RPG	Sparus pagrus
Gilthead seabream	SBG	Sparus auratus
Pargo breams n.e.i.	SBP	Sparus (=Pagrus) *spp.*
Bogue	BOG	Boops boops
Porgies, seabreams n.e.i.	SBX	Sparidae
Picarels	PIC	Spicara *spp.*
Surmullets (= Red mullets)	MUX	Mullus *spp.*
West African goatfish	GOA	Pseudopeneus prayensis
Goatfishes, red mullets n.e.i.	MUM	Mullidae
African sicklefish	SIC	Drepane africana
Spadefishes	SPA	Ephippidae
Percoids n.e.i.	PRC	Percoidei
Bearded brotula	BRD	Brotula barbata
Surgeonfishes	SUR	Acanthuridae
Gurnards, searobins n.e.i.	GUX	Triglidae
Triggerfishes, durgons	TRI	Balistidae
Angler (= Monk)	MON	Lophius piscatorius
Anglerfishes n.e.i.	ANF	Lophiidae

▼M1

English name	3-alpha identifier	Scientific name
Needlefishes n.e.i.	BEN	Belonidae
Flying fishes n.e.i.	FLY	Exocoetidae
Barracudas	BAR	Sphyraena *spp.*
Flathead grey mullet	MUF	Mugil cephalus
Giant African threadfin	TGA	Polydactylus quadrifilis
Lesser African threadfin	GAL	Galeoides decadactylus
Royal threadfin	PET	Pentenemus quinquarius
Threadfins, tasselfishes n.e.i.	THF	Polynemidae
Pelagic percomorphs n.e.i.	PPX	Perciformes
Bluefish	BLU	Pomatomus saltatrix
Cobia	CBA	Rachycentron canadum
Atlantic horse mackerel	HOM	Trachurus trachurus
Jack and horse mackerels n.e.i.	JAX	Trachurus *spp.*
Scads	SDX	Decapterus *spp.*
Crevalle jack	CVJ	Caranx hippos
False scad	HMV	Decapterus rhonchus
Jacks, crevalles n.e.i.	TRE	Caranx *spp.*
Lookdown fish	LUK	Selene dorsalis
Pompanos	POX	Trachinotus *spp.*
Amberjacks n.e.i.	AMX	Seriola *spp.*
Leerfish (=Garrick)	LEE	Lichia amia
Atlantic bumper	BUA	Chloroscombrus chrysurus
Common dolphinfish	DOL	Coryphaena hippurus
Blue butterfish	BLB	Stromateus fiatola
Butterfishes, silver pomfrets	BUX	Stromateidae
Bonefish	BOF	Albula vulpes
Round sardinella	SAA	SardineIla aurita
Madeiran sardinella	SAE	Sardinella madeirensis
Sardinellas	SIX	Sardinella *spp.*
Bonga shad	BOA	Ethmalosa fimbriata
European pilchard (sardine)	PIL	Sardina pilchardus
European anchovy	ANE	Engraulis encrasicolus
Clupeoids n.e.i.	CLU	Clupeoidei
Atlantic bonito	BON	Sarda sarda
Plain bonito	BOP	Orcynopsis unicolor
Wahoo	WAH	Acanthocybium solandri
West African Spanish mackerel	MAW	Scomberomorus tritor
Frigate and bullet tunas	FRZ	Auxis tharard, A rochei
Northern bluefin tuna	BFT	Thunnus thynnus
Albacore	ALB	Thunnus alalunga
Yellowfin tuna	YFT	Thunnus albacares
Big-eye tuna	BET	Thunnus obesus
Tunas n.e.i.	TUN	Thunnini
Sawfishes	SAW	Pristidae
Atlantic sailfish	SAI	Istiophorus albicans
Atlantic blue marlin	BUM	Makaira nigricans
Atlantic white marlin	WHM	Tetrepturus albidus
Marlins, sailfishes, spearfishes	BIL	Istiopboridae

▼M1

English name	3-alpha identifier	Scientific name
Swordfish	SWO	Xiphias gladius
Tuna-like fishes n.e.i.	TUX	Scombroidei
Largehead hairtail	LHT	Trichiurus lepturus
Silver scabbardfish	SFS	Lepidopus caudatus
Black scabbardfish	BSF	Aphanopus carbo
Hairtails, cutlassfishes n.e.i.	CUT	Trichiuridae
Chub mackerel	MAS	Scomber japonicus
Atlantic mackerel	MAC	Scomber scombrus
Scomber mackerels n.e.i.	MAZ	Scomber *spp.*
Mackerel-like fishes n.e.i.	MKX	Scombroidei
Thresher shark	ALV	Alopias vulpinus
Big-eye thresher	BTH	Alopias superciliosus
Mako sharks	MAK	Isurus *spp.*
Blue shark	BSH	Prionace glauca
Silky shark	FAL	Carcharhinus falciformis
Smooth hammerhead	SPZ	Sphyrna zygaena
Scalloped hammerhead	SPL	Sphyrna lewini
Hammerhead sharks, etc. nei	SPY	Sphyrnidae
Kitefin shark	SCK	Dalatias licha
Guitarfishes, etc. nei	GTF	Rhinobatidae
Smoothhounds	SDV	Mustelus *spp.*
Skates and rays n.e.i.	SRX	Rajiformes
Sharks, rays, skates, n.e.i.	SKX	Elasmobranchii
Marine fishes n.e.i.	MZZ	Osteichthyes
Marine crabs n.e.i.	CRA	Reptantia
Tropical spiny lobsters n.e.i.	SLV	Panulirus *spp.*
Palinurid spiny lobsters n.e.i.	CRW	Palinurus *spp.*
Norway lobster	NEP	Nephrops norvegicus
European lobster	LBE	Homarus gammarus
Caramote prawn	TGS	Penaeus kerathurus
Southern pink shrimp	SOP	Penaeus notialis
Penaeus shrimps n.e.i.	PEN	Penaeus *spp.*
Deepwater rose shrimp	DPS	Parapenaeus longirostris
Guinea shrimp	GUS	Parapenaeopsis atlantica
Scarlet shrimp	SSH	Plesiopenaeus edwardsianus
Palaemonid shrimps	PAL	Palaemonidae
Natantian decapods n.e.i.	DCP	Natantia
Marine crustaceans n.e.i.	CRU	Crustacea
Gastropods n.e.i.	GAS	Gastropoda
Cupped oysters n.e.i.	OYC	Crassostrea *spp.*
Sea mussels n.e.i.	MSX	Mytilidae
Cephalopods n.e.i.	CEP	Cephalopoda
Common cuttlefish	CTC	Sepia officinalis
Cuttlefishes, bobtail squids	CTL	Sepiidae, Sepiolidae
Common squids	SQC	Loligo *spp.*
Common octopus	OCC	Octopus vulgaris
Octopuses	OCT	Octopodidae
Squids n.e.i.	SQU	Loliginidae, Ommastrephidae

▼M1

English name	3-alpha identifier	Scientific name
Marine molluscs n.e.i.	MOL	Mollusca
Marine turtles n.e.i.	TTX	Testudinata

Mediterranean and Black Sea (Major fishing area 37)

English name	3-alpha identifier	Scientific name
Sturgeons n.e.i.	STU	Acipenseridae
European eel	ELE	Anguilla anguilla
Pontic shad	SHC	Alosa pontica
Shads n.e.i.	SHD	Alosa *spp.*
Azov tyulka	CLA	Clupeonella cultriventris
Flatfishes n.e.i.	FLX	Pleuronectiformes
European plaice	PLE	Pleuronectes platessa
European flounder	FLE	Platichthys flesus
Common sole	SOL	Solea vulgaris
Soles n.e.i.	SOO	Solea *spp.*
Megrim	MEG	Lepidorhombus whiffiagonis
Megrims n.e.i.	LEZ	Lepidorhombus *spp.*
Turbot	TUR	Psetta maxima
Black Sea turbot	TUB	Psetta maeotica
Greater forkbeard	GFB	Phycis blennoides
Poor cod	POD	Trisopterus minutus
Pouting (= Bib)	BIB	Trisopterus luscus
Blue whiting (= Poutassou)	WHB	Micromesistius poutassou
Whiting	WHG	Merlangius merlangus
European hake	HKE	Merluccius merluccius
Gadiformes n.e.i.	GAD	Gadiformes
Argentines	ARG	Argentina *spp.*
Brushtooth lizardfish	LIB	Saurida undosquamis
Lizardfishes n.e.i.	LIX	Synodontidae
European conger	COE	Conger conger
Conger eels n.e.i.	COX	Congridae
John Dory	JOD	Zeus faber
Demersal percomorphs n.e.i.	DPX	Perciformes
Dusky grouper	GPD	Epinephelus guaza
White grouper	GPW	Epinephelus aeneus
Groupers n.e.i.	GPX	Epinephelus *spp.*
Wreckfish	WRF	Polyprion americanus
Comber	CBR	Serranus cabrilla
Groupers, seabasses n.e.i.	BSX	Serranidae
Seabass	BSS	Dicentrarchus labrax
Seabasses	BSE	Dicentrarchus *spp.*
Rubberlip grunt	GBR	Plectorhinchus mediterraneus
Drums	DRU	Sciaena *spp.*
Shi drum (= Corb)	COB	Umbrina cirrosa
Meagre	MGR	Argyrosomus regius
Croakers, drums n.e.i.	CDX	Sciaenidae
Red (= Blackspot) seabream	SBR	Pagellus bogaraveo

▼M1

English name	3-alpha identifier	Scientific name
Common pandora	PAC	Pagellus erythrinus
Axillary seabream	SBA	Pagellus acarne
Pandoras n.e.i.	PAX	Pagellus *spp.*
White seabream	SWA	Diplodus sargus
Sargo breams, n.e.i.	SRG	Diplodus *spp.*
Large-eye dentex	DEL	Dentex macrophthalmus
Common dentex	DEC	Dentex dentex
Dentex n.e.i.	DEX	Dentex *spp.*
Black seabream	BRB	Spondyliosoma cantharus
Saddled sea bream	SBS	Oblada melanura
Red porgy	RPG	Sparus pagrus
Gilthead seabream	SBG	Sparus auratus
Pargo breams, n.e.i.	SBP	Sparus (= Pagrus) *spp.*
Bogue	BOG	Boops boops
Sand steenbras	SSB	Lithognithus mormyrus
Salema (= Strepie)	SLM	Sarpa salpa
Porgies, seabreams, n.e.i.	SBX	Sparidae
Blotched picarel	BPI	Spicara maena
Picarels	PIC	Spicara *spp.*
Red mullet	MUR	Mullus surmuletus
Striped mullet	MUT	Mullus barbatus
Surmullets (= Redmullets)	MUX	Mullus *spp.*
Greater weever	WEG	Trachinus draco
Percoids n.e.i.	PRC	Percoidei
Sandeels (= Sandlances)	SAN	Ammodytes *spp.*
Spinefeet (= Rabbitfishes)	SPI	Siganus *spp.*
Atlantic gobies	GOB	Gobius *spp.*
Gobies n.e.i.	GPA	Gobiidae
Scorpionfishes, n.e.i.	SCO	Scorpaenidae
Piper gurnard	GUN	Trigia lyra
Gurnards, searobins n.e.i.	GUX	Triglidae
Angler (= Monk)	MON	Lophius piscatorius
Anglerfishes n.e.i.	ANF	Lophiidae
Garfish	GAR	Belone belone
Barracudas	BAR	Sphyraena *spp.*
Flathead grey mullet	MUF	Mugil cephalus
Silversides (Sandsmelts)	SIL	Atherinidae
Pelagic percomorphs n.e.i.	PPX	Perciformes
Bluefish	BLU	Pomatomus saltatrix
Atlantic horse mackerel	HOM	Trachurus trachurus
Mediterranean horse mackerel	HMM	Trachurus mediterraneus
Jack and horse mackerels n.e.i.	JAX	Trachurus *spp.*
Jacks, crevalles n.e.i.	TRE	Caranx *spp.*
Greater amberjack	AMB	Seriola dumerili
Amberjacks n.e.i.	AMX	Seriola *spp.*
Leerfish (= Garrick)	LEE	Lichia amia
Carangids n.e.i.	CGX	Carangidae
Atlantic pomfret	POA	Brama brama

▼M1

English name	3-alpha identifier	Scientific name
Common dolphinfish	DOL	Coryphaena hippurus
Sardinellas n.e.i.	SIX	Sardinella *spp.*
European pilchard (= Sardine)	PIL	Sardina pilchardus
European sprat	SPR	Sprattus sprattus
European anchovy	ANE	Engraulis encrasicolus
Clupeoids n.e.i.	CLU	Clupeoidei
Atlantic bonito	BON	Sarda sarda
Plain bonito	BOP	Orcynopsis unicolor
Frigate and bullet tunas	FRZ	Auxis thazard A. rochei
Atlantic black skipjack	LTA	Euthynnus alletteratus
Skipjack tuna	SKJ	Katsuwonus pelamis
Northern bluefin tuna	BFT	Thunnus thynnus
Albacore	ALB	Thunnus alalunga
Big-eye tuna	BET	Thunnus obesus
Tunas n.e.i.	TUN	Thunnini
Atlantic sailfish	SAI	Istiophorus albicans
Marlins, sailfishes, spearfishes	BIL	Istiophoridae
Swordfishes	SWO	Xiphias gladius
Tuna-like fishes n.e.i.	TUX	Scombroidei
Silver scabbardfish	SFS	Lepidopus caudatus
Chub mackerel	MAS	Scomber iaponicus
Atlantic mackerel	MAC	Scomber scombrus
Scomber mackerels n.e.i.	MAZ	Scomber *spp.*
Mackerel-like fishes n.e.i.	MKX	Scombroidei
Basking shark	BSK	Cetorhinus maximus
Thresher	ALV	Alopias vulpinus
Shortfin mako	SMA	Isurus oxyrinchus
Blackmouth catshark	SHO	Galeus melastomus
Blue shark	BSH	Prionace glauca
Sandbar shark	CCP	Carcharhinus plumbeus
Smooth hammerhead	SPZ	Sphyrna zygaena
Scalloped hammerhead	SPL	Sphyrna lewini
Longnose spurdog	QUB	Squalus blainvillei
Gulper shark	GUP	Centrophorus granulosus
Kitefin shark	SCK	Dalatias licha
Velvet belly	ETX	Etmopterus spinax
Thornback ray	RJC	Raja clavata
Common stingray	JDP	Dasyatis pastinaca
Porbeagle	POR	Lamna nasus
Catsharks, nursehound	SCL	Scyliorhinus *spp.*
Smoothhounds	SDV	Mustelus *spp.*
Picked (= Spiny) dogfish	DGS	Squalus acanthias
Dogfish sharks n.e.i.	DGX	Squalidae
Angelshark	AGN	Squatina squatina
Angelsharks, sand devils	ASK	Squatinidae
Large sharks n.e.i.	SHX	Squaliformes
Guitarfishes	GTF	Rhinobatidae
Skates	SKA	Raja *spp.*

▼M1

English name	3-alpha identifier	Scientific name
Skates and rays n.e.i.	SRX	Rajiformes
Sharks, rays and skates etc.	SKX	Elasmobranchii
Marine fishes n.e.i.	MZZ	Osteichthyes
Edible crab	CRE	Cancer pagurus
Mediterranean shore crab	CMR	Carcinus aestuaria
Spinous spider crab	SCR	Maja squinado
Marine crabs n.e.i.	CRA	Reptantia
Pink spiny lobster	PSL	Palinurus mauritanicus
Common spiny lobster	SLO	Palinurus elephas
Palinurid spiny lobsters n.e.i.	CRW	Palinurus *spp.*
Norway lobster	NEP	Nephrops norvegicus
European lobster	LBE	Homarus gammarus
Caramote prawn	TGS	Penaeus kerathurus
Deepwater rose shrimp	DPS	Parapenaeus Iongirostris
Scarlet shrimp	SSH	Plesiopenaeus edwardsianus
Blue and red shrimp	ARA	Aristeus antennatus
Common prawn	CPR	Palaemon serratus
Common shrimp	CSH	Crangon crangon
Natantian decapods n.e.i.	DCP	Natantia
Mantis squillid	MTS	Squillia mantis
Marine crustaceans n.e.i.	CRU	Crustacea
Gastropods n.e.i.	GAS	Gastropoda
Periwinkle	PEE	Littorina littorea
European flat oyster	OYF	Ostrea edulis
Pacific cupped oyster	OYG	Crassostrea gigas
Mediterranean mussel	MSM	Mytilus galloprovincialis
Great scallop	SJA	Pecten jacobeus
Murex	MUE	Murex *spp.*
Common cockle	COC	Cardium edule
Striped Venus	SVE	Venus (= Chamelea) gallina
Grooved carpetshell	CTG	Ruditapes decussatus
Carpetshell	CTS	Tapes pullastra
Carpetshells n.e.i.	TPS	Tapes *spp.*
Donax clams	DON	Donax spp.
Razor clams	RAZ	Solen *spp.*
Clams n.e.i.	CLX	Bivalvia
Cephalopods n.e.i.	CEP	Cephalopoda
Common cuttlefish	CTC	Sepia officinalis
Cuttlefishes, bobtail squids	CTL	Sepiidae, Sepiolidae
Common squids	SQC	Loligo *spp.*
European flying squid	SQE	Todarodes sagittatus sagitt.
Common octopus	OCC	Octopus vulgaris
Horned and musky octopuses	OCM	Eledone *spp.*
Octopuses	OCZ	Octopodidae
Squids n.e.i.	SQU	Loliginidae, Ommastrephidae
Marine molluscs n.e.i.	MOL	Mollusca
Marine turtles n.e.i.	TTX	Testudinata
Grooved sea-squirt	SSG	Microcosmus sulcatus

▼M1

English name	3-alpha identifier	Scientific name
Stony sea-urchin	URM	Paracentrotus lividus
Jellyfishes	JEL	Phopilema *spp.*

Southwest Atlantic (Major fishing area 41)

English name	3-alpha identifier	Scientific name
Shads n.e.i.	SHZ	Alosa *spp.*
Flatfishes n.e.i.	FLX	Pleuronectiformes
Bastard halibuts	BAX	Paralichthys *spp.*
Tonguefishes n.e.i.	TOX	Cynoglossidae
…	SAO	Salilota australia
Moras	MOR	Moridae
Brazilian codling	HKU	Urophycis brasiliensis
Southern blue whiting	POS	Micromesistius australis
Argentine hake	HKP	Merluccius hubbsi
Patagonian hake	HPA	Merluccius polylepis
Hakes n.e.i.	HKX	Merluccius *spp.*
Patagonian grenadier	GRM	Macruronus mageilanicus
Blue grenadiers	GRS	Macruronus *spp.*
Grenadiers	GRV	Macrourus *spp.*
Gadiformes n.e.i.	GAD	Gadiformes
Sea catfishes n.e.i.	CAX	Ariidae
Greater lizardfish	LIG	Saurida tumbil
Argentine conger	COS	Conger orbignyanus
Demersal percomorphs n.e.i.	DPX	Perciformes
Snooks (= Robalos) n.e.i.	ROB	Centropomus *spp.*
Brazilian groupers	GPB	Mycteroperca *spp.*
Red grouper	GPR	Epinephelus mario
Groupers n.e.i.	GPX	Epinephelus *spp.*
Argentine seabass	BSZ	Acanthistius brasilianus
Groupers, seabasses n.e.i.	BSX	Serranidae
Southern red snapper	SNC	Lutjanus purpureus
Yellowtail snapper	SNY	Ocyurus chrysurus
Snappers, jobfishes, n.e.i.	SNX	Lutjanidae
Barred grunt	BRG	Conodon nobilis
Grunts, sweetlips, n.e.i.	GRX	Haemulidae (= Pomadasyidae)
Striped weakfish	SWF	Cynoscion striatus
Weakfishes n.e.i.	WKX	Cynoscion *spp.*
Atlantic croaker	CKA	Micropogonias undulatus
Southern kingcroaker	KGB	Menticirrhus americanus
Argentine croaker	CKY	Urnbrina canasai
King weakfish	WKK	Macrodon ancylodon
Black drum	BDM	Pogonias cromis
Croakers, drums n.e.i.	CDX	Sciaenidae
Sargo breams n.e.i.	SRG	Diplodus *spp.*
Dentex n.e.i.	DEX	Dentex *spp.*
Red porgy	RPG	Sparus pagrus
Porgies, seabreams, n.e.i.	SBX	Sparidae

▼M1

English name	3-alpha identifier	Scientific name
Surmullets (= Redmullets)	MUX	Mullus *spp.*
Castaneta	CTA	Cheilodactylus bergi
Brazilian sandperches	SPB	Pinguipes *spp.*
Brazilian flathead	FLA	Percophis brasiliensis
Patagonian blennie	BLP	Eleginops maclovinus
Patagonian toothfish	TOP	Dissostichus eleginoides
Humped rockcod	NOG	Notothenia gibbenfrons
Grey rockcod	NOS	Notothenia squamifrons
Patagonian rockcod	NOT	Patagonotothen brevicauda
…	PAT	Patagonotothen longipes ramsai
Antarctic rockcods, noties n.e.i.	NOX	Nototheniidae
Blackfin icefish	SSI	Chaenocephalus aceratus
Mackerel icefish	ANI	Champsocephalus gunnari
Icefishes n.e.i.	ICX	Channichthyidae
Percoids n.e.i.	PRC	Percoidei
Pink cusk-eel	CUS	Genypterus blacodes
Ruffs, barrelfishes n.e.i.	CEN	Centrolophidae
Blackbelly rosefish	BRF	Helicolenus dactylopterus
Scorpionfishes n.e.i.	SCO	Scorpaenidae
Atlantic searobins	SRA	Prionotus *spp.*
Ballyhoo halfbeak	BAL	Hemirhamphus brasiliensis
Flying fishes n.e.i.	FLY	Exocoetidae
Barracudas	BAR	Sphyraena *spp.*
Mullets n.e.i.	MUL	Mugilidae
Silversides (= Sandsmelts)	SIL	Atherinidae
Pelagic percomorphs n.e.i.	PPX	Perciformes
Bluefish	BLU	Pometomus saltatrix
Blue jack mackerel	JAA	Trachurus picturatus
Jack and horse mackerels n.e.i.	JAX	Trachurus *spp.*
Jacks, crevalles, n.e.i.	TRE	Caranx *spp.*
Amberjacks n.e.i.	AMX	Seriola *spp.*
Parona leatherjack	PAO	Parona signata
Carangids n.e.i.	CGX	Carangidae
Common dolphinfish	DOL	Coryphaena hippurus
Gulf butterfish, harvestfishes	BTG	Peprilus *spp.*
Butterfishes silver pomfrets	BUX	Stromateidae
Ladyfish	LAD	Elops saurus
Tarpon	TAR	Tarpon (= Megelops) atlanticus
Brazilian sardinella	BSR	Sardinella brasiliensis
Sardinellas n.e.i.	SIX	Sardinella *spp.*
Brazilian menhaden	MHS	Brevoortia aurea
Argentine menhaden	MHP	Brevoortia pectinata
Scaled sardines	SAS	Harengula *spp.*
Falkland sprat	FAS	Sprattus fuegensis
Argentine anchoita	ANA	Engraulis anchoita
Anchovies n.e.i.	ANX	Engraulidae
Clupeoids n.e.i.	CLU	Clupeoidei
Atlantic bonito	BON	Sarda sarda

▼M1

English name	3-alpha identifier	Scientific name
Wahoo	WAH	Acanthocyhium solandri
King mackerel	KGM	Scomberomorus cavalla
Atlantic Spanish mackerel	SSM	Scomberomorus maculatus
Seerfishes n.e.i.	KGX	Scomberornorus *spp.*
Frigate and bullet tunas	FRZ	Auxis thazard, A. rochei
Atlantic black skipjack	LTA	Euthynnus alletteratus
Skipjack tuna	SKJ	Katsuwonus pelamis
Northern bluefin tuna	BFT	Thunnus thynnus
Blackfin tuna	BLF	Thunnus atlanticus
Albacore	ALB	Thunnus alalunga
Southern bluefin tuna	SBF	Thunnus maccoyii
Yellowfin tuna	YFT	Thunnus albacares
Big-eye tuna	BET	Thunnus obesus
Tunas n.e.i.	TUN	Thunnini
Atlantic sailfish	SAI	Istiophorus albicans
Atlantic blue marlin	BUM	Makaira nigricans
Atlantic white marlin	WHM	Tetrapturus albidus
Marlins, sailfishes, spearfishes	BIL	Istiophoridae
Swordfish	SWO	Xiphias gladius
Tuna-like fishes n.e.i.	TUX	Scornhroidei
White snake mackerel	WSM	Thyrsitops lepidopodes
Largehead hairtail	LHT	Trichiurus lepturus
Chub mackerel	MAS	Scomber japonicus
Big-eye thresher	BTH	Alopias superciliosus
Shortfin mako	SMA	Isurus oxyrinchus
Blue shark	BSH	Prionace glauca
Silky shark	FAL	Carcharhinus falciformis
Copper shark	BRO	Carcharhinus brachyurus
Smooth hammerhead	SPZ	Sphyrna zygaena
Scalloped hammerhead	SPL	Sphyrna lewini
Tope shark	GAG	Galeorhinus galeus
Picked dogfish	DGS	Squalus acanthias
Angel sharks, sand devils n.e.i.	ASK	Squatinidae
Chola guitarfish	GUD	Rhinobatis percellens
Sawfishes	SAW	Pristidae
Elephantfishes n.e.i.	ELF	Callorhinchus spp.
Patagonian smoothhound	SDP	Mustelus schmitti
Smoothhounds	SDV	Mustelus *spp.*
Liveroil sharks	LSK	Galeorhinus *spp.*
Skates and rays, n.e.i.	SRX	Rajiformes
Sharks, rays, skates, etc.	SKX	Elasmobranchii
Marine fishes n.e.i.	MZZ	Osteichthyes
Dana swimcrab	CRZ	Callinectes danae
Southern kingcrab	KCR	Lithodes antarcticus
Softshell red crab	PAG	Paralomis granulosa
Geryons n.e.i.	GER	Geryon *spp.*
Marine crabs n.e.i.	CRA	Reptantia
Caribbean spiny lobster	SLC	Panulirus argus

▼M1

English name	3-alpha identifier	Scientific name
Tropical spiny lobsters n.e.i.	SLV	Panulirus *spp.*
Northern brown shrimp	ABS	Penaeus aztecus
Redspotted shrimp	PNB	Penaeus brasiliensis
Penaeus shrimps n.e.i.	PEN	Penaeus *spp.*
Atlantic seabob	BOB	Xiphopenaeus kroyeri
Argentine stiletto shrimp	ASH	Arternesia longinaris
Argentine red shrimp	LAA	Pleoticus muelleri
Natantian decapods n.e.i.	DCP	Natantia
Antarctic krill	KRX	Euphausia superba
Marine crustaceans n.e.i.	CRU	Crustacea
Gastropods n.e.i.	GAS	Gastropoda
Cupped oysters n.e.i.	OYC	Crassostrea *spp.*
River Plata mussel	MSR	Mytilus platensis
Magellan mussel	MSC	Aulacornya afer
Scallops n.e.i.	SCX	Pectinidae
Donax clams	DON	Donax *spp.*
Clams n.e.i.	CLX	Bivalvia
Cuttlefishes, bobtail squids	CTL	Sepiidae, Sepiolidae
Patagonian squid	SQP	Loligo gahi
Common squids	SQC	Loligo *spp.*
Argentine shortfin squid	SQA	Illex argentinus
Sevenstar flying squid	SQS	Martialia hyadesi
Octopuses	OCT	Octopodidae
Squids n.e.i.	SQU	Loliginidee,Ommastrephidae
Marine molluscs n.e.i.	MOL	Mollusca
Marine turtles n.e.i.	TTX	Testudinata

Southeast Atlantic (Major fishing area 47)

English name	3-alpha identifier	Scientific name
Flatfishes n.e.i.	FLX	Pleuronectiformes
West coast sole	SOW	Austroglossus microlepis
Mud sole	SOE	Austroglossus pectoralis
Southeast Atlantic soles n.e.i.	SOA	Austroglossus *spp.*
Tonguefishes n.e.i.	TOX	Cynoglossidae
Benguela hake	HKB	Merluccius polli
Shallow-water Cape hake	HKK	Merluccius capensis
Deepwater Cape hake	HKO	Merluccius paradoxus
Cape hakes	HKC	Merluccius capensis, M. parad.
Merluccid hakes	HKZ	Merlucciidae
Gadiforms n.e.i.	GAD	Gadiformes
Hatchetfishes	HAF	Sternoptychidae
Lightfishes n.e.i.	MAU	Maurolicus *spp.*
Silver lightfish	MAV	Maurolicus muelleri
Greeneyes	GRE	Chlorophthalmidae
White barbel	GAT	Galeichthyes fericeps
Smoothmouth sea catfish	SMC	Arius heudoloti
Sea catfishes n.e.i.	CAX	Arildae

▼M1

English name	3-alpha identifier	Scientific name
Greater lizardfish	LIG	Saurida tumbil
Lizardfishes n.e.i.	LIX	Synodontidae
Conger eels n.e.i.	COX	Congridae
Slender snipefish	SNS	Macrorhamphosus scolopax
Snipefishes	SNI	Macroramphosidae
Alfonsinos	ALF	Beryx *spp.*
Alfonsinos n.e.i.	BRX	Berycidae
John Dory	JOD	Zeus faber
Silvery John Dory	JOS	Zenopsis conchifer
Dories n.e.i.	ZEX	Zeidae
Boarfishes	BOR	Caproidae
Boarfish	BOC	Capros aper
Demersal percomorphs n.e.i.	DPX	Perciformes
Groupers n.e.i.	GPX	Epinephelus *spp.*
Wreckfish	WRF	Polyprion americanus
Groupers, seabasses n.e.i.	BSX	Serranidae
Big-eyes n.e.i.	BIG	Priacanthus *spp.*
Big-eyes, glasseyes, bulleyes	PRI	Priacenthidae
Cardinalfishes n.e.i.	APO	Apogonidae
Glow-bellies, splitfins	ACR	Acropomatidae
Blackmouth splitfin	SYN	Synagrops japonicus
Splitfins n.e.i.	SYS	Synagrops *spp.*
Cape bonnetmouth	EMM	Emmelichthys nitidus
Bonnetmouths, rubyfishes, etc.	EMT	Emmerichthyidae
Snappers, jobfishes, n.e.i.	SNX	Lutjanidae
Threadfin breams	THB	Nemipterus *spp.*
Threadfin, monocle, dwarf breams	THD	Nemipteridae
Big-eye grunt	GRB	Brachydeuterus auratus
Rubberlip grunt	BRL	Plectorhinchus mediterraneus
Sompat grunt	BUR	Pomadasys jubelini
Grunts, sweetlips, n.e.i.	GRX	Haemulidae (= Pornadasyidae)
Southern meagre (= kob)	KOB	Argyrosomus hololepidofus
Geelbek croaker	AWE	Atractoscion aequidens
Tigertooth croaker	LKR	Otolithes ruber
West African croakers	CKW	Pseudotolithus *spp.*
Croakers, drums n.e.i.	CDX	Sciaenidae
Canary drum (= baardman)	UCA	Umbrina canariensis
Weakfishes n.e.i.	WKX	Cynoscion *spp.*
Natal pandora	TJO	Pagellus natalensis
Porgies, seabreams n.e.i.	SBX	Sparidae
Pandoras n.e.i.	PAX	Pagellus *spp.*
Sargo breams n.e.i.	SRG	Diplodus *spp.*
Large-eye dentex	DEL	Dentex macrophthaImus
Angolan dentex	DEA	Dentex angolensis
Canary dentex	DEN	Dentex canariensis
Dentex n.e.i.	DEX	Dentex *spp.*
Black seabream	BRB	Spondyliosorna cantharus
Carpenter seabream	SLF	Argyrozona argyrozona

▼M1

English name	3-alpha identifier	Scientific name
Santer seabream	SLD	Cheimerius nufar
Red steenbras	RER	Petrus rupestris
Panga seabream	PGA	Pterogymnus laniarius
White stumpnose	WSN	Rhahdosargus globiceps
Pargo breams n.e.i.	SBP	Sparus (= Pagrus) *spp.*
Bogue	BOG	Boops boops
Stumpnose, dageraadbreams, n.e.i.	RSX	Chrysoblephus *spp.*
Whitesteenbras	SNW	Lithognathus lithognathus
Steenbrasses, n.e.i.	STW	Lithognathus *spp.*
Sand steenbras	SSB	Lithognathus mormyrus
Copper breams	CPP	Pachymetopon *spp.*
Salema (= Strepie)	SLM	Sarpa salpa
Polystegan seabreams n.e.i.	PLY	Polysteganus *spp.*
Scotsman seabream	SCM	Polysteganus praeorbitalis
Seventyfour seabream	SEV	Polysteganus undulosus
Blueskin seabream	SBU	Polysteganus coeruleopunctatus
Porgies, seabreams, n.e.i.	SBX	Sparidae
Picarels	PIC	Spicara *spp.*
Goatfishes, red mullets n.e.i.	MUM	Mullidae
Surmullets (= Red mullets)	MUX	Mulius *spp.*
Galjoens n.e.i.	COT	Coracinidae
Galjoen	GAJ	Coracinus capensis
Spadefishes	SPA	Ephippidae
African sicklefish	SIC	Drepane africana
Cuskeels, brotulas n.e.i.	OPH	Ophidiidae
Kingclip	KCP	Genypterus capensis
Gobies n.e.i.	GPA	Gobiidae
Cape redfish	REC	Sebastes capensis
Rosefishes n.e.i.	ROK	Helicolenus *spp.*
Blackbelly rosefish	BRF	Helicolenus dactylopterus
Scorpionfishes, n.e.i.	SCO	Scorpaenidae
Piper gurnard	GUN	Trigia lyra
Cape gurnard	GUC	Chelidonichthys capensis
Gurnards, searobins n.e.i.	GUX	Triglidae
Gurnards	GUY	Trigla *spp.*
Triggerfishes, durgons	TRI	Balistidae
Cape monk	MOK	Lophius upsicephalus
Anglerfishes n.e.i.	ANF	Lophiidae
Lanternfish	LAN	Lampanyctodes hectoris
Lanternfishes	LXX	Myctophidae
Needlefishes n.e.i.	BEN	Belonidae
Needlefishes	NED	Tylosaurus *spp.*
Sauries n.e.i.	SAX	Scomberesocidae
Atlantic saury	SAU	Scomberesox saurus
Barracudas	BAR	Sphyraena *spp.*
Barracudas	BAZ	Sphyraenidae
Mullets n.e.i.	MUL	Mugilidae
Threadfins, tasselfishes n.e.i.	THF	Polynemidae

▼M1

English name	3-alpha identifier	Scientific name
Lesser African threadfin	GAL	Galeoides dedactylus
Pelagic percomorphs n.e.i.	PPX	Perciformes
Bluefish	BLU	Pomatomus saltatrix
Bluefishes n.e.i.	POT	Pomatomidae
Cobia	CBA	Rachycentron canadum
Cobias n.e.i.	CBX	Rachycentridae
Cape horse mackerel	HMC	Trachurus capensis
Cunene horse mackerel	HMZ	Trachurus trecae
Jack and horse mackerels n.e.i.	JAX	Trachurus *spp.*
Scads	SDX	Decapterus *spp.*
Crevalle jack	CVJ	Caranx hippos
False scad	HMV	Decapterus rhonchus
Jacks, crevalles, n.e.i.	TRE	Caranx spp.
Lookdown fish	LUK	Selene dorsalis
Pompanos	POX	Trachinotus *spp.*
Yellowtail amberjack	YTC	Seriola lalandi
Amberjacks n.e.i.	AMX	Seriola *spp.*
Leerfish (= Garrick)	LEE	Lichia amia
Atlantic bumper	BUA	Chioroscombrus chrysurus
Carangids n.e.i.	CGX	Carangidae
Pomfrets, ocean breams n.e.i.	BRZ	Bramidae
Atlantic pomfret	POA	Brama brama
Common dolphinfish	DOL	Coryphaena hippurus
Dolphinfishes n.e.i.	DOX	Coryphaenidae
Blue butterfish	BLB	Stromateus fiatola
Butterfishes, silverpomfrets	BUX	Stromateidae
Bonefishes	ALU	Albulidae
Longfin bonefish	BNF	Pterothrissus belloci
Round sardinella	SAA	Sardinella aurita
Madeiran sardinella	SAE	Sardinella maderensis
Southern African pilchard	PIA	Sardinops ocellatus
Whitehead's round herring	WRR	Etrumeus whiteheadi
Southern African anchovy	ANC	Engraulis capensis
Anchovies n.e.i.	ANX	Engraulidae
Herrings, sardines n.e.i.	CLP	Clupeidae
Sardinellas n.e.i.	SIX	Sardinella *spp.*
Clupeoids n.e.i.	CLU	Clupeoidei
Atlantic bonito	BON	Sarda sarda
Wahoo	WAH	Acanthocybium solandri
Frigate tuna	FRI	Auxis thazard
Frigate and bullet tunas	FRZ	Auxis thazard, A. rochei
Narrow-banded Spanish mackerel	COM	Scomberomorus guttatus
King mackerel	SSM	Scornberomorus maculatus
West African Spanish mackerel	MAW	Scornberomorus tritor
Kanadi kingfish	KAK	Scomberomorus plurilineatus
Seerfishes n.e.i.	KGX	Scomberomorus *spp.*
Atlantic black skipjack	LTA	Euthynnus alletteratus
Kawakawa	KAW	Euthynnus affinis

▼M1

English name	3-alpha identifier	Scientific name
Skipjack tuna	SKJ	Katsuwonus pelamis
Northern bluefin tuna	BFT	Thunnus thynnus
Albacore	ALB	Thunnus alalunga
Southern bluefin tuna	SBF	Thunnus maccoyji
Yellowfin tuna	YFT	Thunnus albacares
Big-eye tuna	BET	Thunnus obesus
Atlantic sailfish	SAI	Istiophorus albicans
Atlantic blue marlin	BUM	Makaira nigricans
Black marlin	BLM	Makaira indica
Atlantic white marlin	WHM	Tetrapturus albidus
Marlins, sailfishes, spearfishes	BIL	Istiophoridae
Swordfish	SWO	Xiphias gladius
Swordfishes	XIP	Xiphiidae
Tuna-like fishes n.e.i.	TUX	Scombroidei
Snake mackerels, escolars n.e.i.	GEP	Gempylidae
Snoek	SNK	Thyrsites atun
Largehead hairtail	LHT	Trichiurus lepturus
Hairtails, cutlassfishes n.e.i.	CUT	Trichiuridae
Silver scabbardfish	SFS	Lepidopus caudatus
Chub mackerel	MAS	Scomber japonicus
Mackerels n.e.i.	MAX	Scombridae
Mackerel-like fishes n.e.i.	MKX	Scombroidei
Shortfin mako	SMA	Isurus oxyrinchus
Blue shark	BSH	Prionace glauca
Smooth hammerhead	SPZ	Sphyrna zygaena
Smooth-hounds n.e.i.	SDV	Mustelus *spp.*
Tope shark	GAG	Galeorhinus galeus
Angelsharks, sand devils n.e.i.	ASK	Squatinidae
Raja rays n.e.i.	SKA	Raja *spp.*
Rays, stingrays, mantas n.e.i.	SRX	Rajiformes
Cape elephantfish	CHM	Callorhinchus capensis
Sharks, rays, skates, etc. n.e.i.	SKX	Elasmobranchii
Mackerel sharks, porbeagles	MSK	Lamnidae
Catsharks	SYX	Scyliorhinidae
Requiem sharks	RSK	Cercharhinidae
Blue shark	BSH	Prionace glauca
Bonnethead, hammerhead sharks	SPY	Sphyrnidae
Smoothhound	SMD	Mustelus mustelus
Dogfish sharks n.e.i.	DGX	Squalidae
Picked (= Spiny) dogfish	DGS	Squalus acanthias
Shortnose dogfish	DOP	Squalus megalops
Guitarfishes	GTF	Rhinobatidae
Sawfishes	SAW	Pristidae
Skates n.e.i.	RAJ	Rajidae
Skates	SKA	Raja *spp.*
Stingrays, butterfly rays	STT	Dasyaididae (= Trygonidae)
Eagle rays	EAG	Myliobatidae
Mantas	MAN	Mobulidae

▼M1

English name	3-alpha identifier	Scientific name
Torpedo (= Electric) rays	TOD	Torpedinidae
Elephantfishes n.e.i.	CAH	Callorhinchidae
Rays, skates, mantas n.e.i.	BAI	Batoidimorpha (Hypotremata)
Various sharks n.e.i.	SKH	Selachimorpha (Pleurotremata)
Sharks, rays, skates etc.	SKX	Elasmobranchii
Cartilaginous fishes n.e.i.	CAR	Chondrychthyes
Chimaeras n.e.i.	HOL	Holocephali
Marine fishes n.e.i.	MZZ	Osteichthyes
Edible crab	CRE	Cancer pagurus
Jonah crabs, rock crabs	CAD	Cancridae
Swimming crabs n.e.i.	SWM	Portunidae
King crabs n.e.i.	KCX	Lithodidae
Southern king crabs	KCR	Lithodes antarcticua
King crab	KCA	Lithodes ferox
West African geryon	CGE	Geryon (= Chaceon) maritae
Geryons n.e.i.	GER	Geryon *spp.*
Deep-sea crabs, geryons	GEY	Geryonidae
Marine crabs n.e.i.	CRA	Reptantia
Tropical spiny lobsters n.e.i.	SLV	Panulirus *spp.*
Royal spiny lobster	LOV	Panulirus regius
Scalloped spiny lobster	LOK	Panulirus homarus
Cape rock lobster	LBC	Jasus lalandii
Tristan da Cunha rock lobster	LBT	Jasus tristani
Natal spiny lobster	SLN	Palinuris delagoae
South coast spiny lobster	SLS	Palinurus gilchristi
Spiny lobsters n.e.i.	VLO	Palinuridae
Slipper lobsters	LOS	Scyllaridae
Indian Ocean lobsterette	NES	Nephropsis stewarti
True lobsters, lobsterettes	NEX	Nephropidae
Caramote prawn	TGS	Penaeus kerathurus
Indian white prawn	PNI	Penarus indicus
Southern pink shrimp	SOP	Penaeus notiatis
Penaeus shrimps n.e.i.	PEN	Penaeus *spp.*
Deepwater rose shrimp	DPS	Parapenaeus longirostris
Penaeid shrimps	PEZ	Penaeidae
Striped red shrimp	ARV	Aristeus varidens
Aristeid shrimps	ARI	Aristeidae
Common prawn	CPR	Palaemon serratus
Solenocerid shrimps	SOZ	Solenoceridae
Knife shrimps	KNI	Haliporoides *spp.*
Knife shrimp	KNS	Haliporoides triarthrus
Jack-knife shrimp	JAQ	Haliporoides sibogae
Natantian decapods n.e.i.	DCP	Natantia
Marine crustaceans n.e.i.	CRU	Crustacea
Perlemoen abalone	ABP	Haliotis midae
Giant periwinkle	GIW	Turbo sarmaticus
Flat oysters n.e.i.	OYX	Ostrea *spp.*
Denticulate rock oyster	ODE	Ostrea denticulata

▼M1

English name	3-alpha identifier	Scientific name
Pacific cupped oyster	OYG	Crassostrea gigas
Cupped oysters n.e.i.	OYC	Crassostrea *spp.*
Rock mussel	MSL	Perna perna
Sea mussels n.e.i.	MSX	Mytilidae
…	PSU	Pecten sulcicostatus
Scallops n.e.i.	SCX	Pectinidae
Smooth mactra	MAG	Mactra glabrata
Mactra surf clams	MAT	Mactridae
Venus clams	CLV	Veneridae
…	DOR	Dosinia orbignyi
Donax clams	DON	Donax *spp.*
Cape razor clams	RAC	Solen capensis
Razor clams, knife clams	SOI	Solenidae
Clams n.e.i.	CLX	Bivalvia
Cuttlefishes, bobtail squids	CTL	Sepiidae, Sepiolidae
Chokker squid	CHO	Loligo reynaudi
Angolan flying squid	SQG	Todarodes sagittatus angolen.
Common squids	SQC	Loligo *spp.*
Octopuses	OCT	Octopodidae
Squids n.e.i.	SQU	Loliginidae, Ommastrephidae
Marine molluscs n.e.i.	MOL	Mollusca
South African fur seal	SEK	Arctocephalus pusillus
Red bait	SSR	Pyura stolonifera
…	URR	Parechinus angulosus
Sea-cucumbers n.e.i.	CUX	Holothurioidea
Aquatic invertebrates n.e.i.	INV	Invertebrata

Western Indian Ocean (Major fishing area 51)

English name	3-alpha identifier	Scientific name
Kelee shad	HIX	Hilsa kelee
Hilsa shad	HIL	Tenualosa ilisha
Milkfish	MIL	Chanos chanos
Giant seaperch (= Barramundi)	GIP	Lates calcarifer
Flatfishes n.e.i.	FLX	Pleuronectiformes
Indian halibut	HAI	Psettodes erumei
Tonguefishes n.e.i.	TOX	Cynoglossidae
Unicorn cod	UNC	Bregmaceros macclellandi
Gadiformes n.e.i.	GAD	Gadiformes
Bombay duck	BUC	Harpadon nehereus
Seacatfishes n.e.i.	CAX	Ariidae
Greater lizardfish	LIG	Saurida tumbil
Brushtooth lizardfish	LIB	Saurida undosquamis
Lizardfishes n.e.i.	LIX	Synodontidae
Pike congers n.e.i.	PCX	Muraenesox *spp.*
Conger eels n.e.i.	COX	Congridae
Alfonsinos	ALF	Beryx *spp.*
Japanese John Dory	JJD	Zeus japonicus

▼M1

English name	3-alpha identifier	Scientific name
Demersal percomorphs n.e.i.	DPX	Perciformes
Groupers n.e.i.	GPX	Epinephelus *spp.*
Groupers, seabasses n.e.i.	BSX	Serranidae
Bigeyes n.e.i.	BIG	Priacanthus *spp.*
Sillago whitings	WHS	Sillaginidae
False trevally	TRF	Lactarius lactarius
Bonnetmouths, rubyfishes, etc.	EMT	Emmelichthyidae
Mangrove red snapper	RES	Lutjanus argentimaculatus
Snappers n.e.i.	SNA	Lutjanus *spp.*
Snappers, jobfishes, n.e.i.	SNX	Lutjanidae
Threadfin breams	THB	Nemipterus *spp.*
Threadfin, monocle dwarf breams	THD	Nemipteridae
Ponyfishes (= Slipmouths) n.e.i.	POY	Leiognathidae
Grunts, sweetlips, n.e.i.	GRX	Haemulidae (= Pomadasyidae)
Southern meagre (= Kob)	KOB	Argyrosomus hololepidotus
Geelbek croaker	AWE	Atractoscion aequidens
Croakers, drums n.e.i.	CDX	Sciaenidae
Emperors (Scavengers)	EMP	Lethrinidae
Pandoras n.e.i.	PAX	Pagellus *spp.*
Dentex n.e.i.	DEX	Dentex *spp.*
King soldier bream	KBR	Argyrops spinifer
Santer seabream	SLD	Cheimerius nufar
Red steenbras	RER	Petrus rupestris
Stumpnose, dageraad breams, n.e.i.	RSX	Chrysoblephus *spp.*
Porgies, seabreams, n.e.i.	SBX	Sparidae
Surmullets (= Red mullets)	MUX	Mullus *spp.*
Goatfishes	GOX	Upeneus *spp.*
Goatfishes, red mullets n.e.i.	MUM	Mullidae
Spotted sicklefish	SPS	Drepane punctata
Wrasses, hogfishes, etc.	WRA	Labridae
Mojarras (= Silver-biddies)	MOJ	Gerres *spp.*
Percoids n.e.i.	PRC	Percoidei
Spinefeet (= Rabbitfishes)	SPI	Siganus *spp.*
Scorpionfishes, n.e.i.	SCO	Scorpaenidae
Flatheads	FLH	Platycephalidae
Triggerfishes, durgons	TRI	Balistidae
Lanternfishes	LXX	Myctophidae
Needlefishes	NED	Tylosurus *spp.*
Halfbeaks n.e.i.	HAX	Hemirhamphus *spp.*
Flyingfishes n.e.i.	FLY	Exocoetidae
Barracudas	BAR	Sphyraena *spp.*
Flathead grey mullet	MUF	Mugil cephalus
Mullets n.e.i.	MUL	Mugilidae
Fourfinger threadfin	FOT	Eleutheronema tetradactylum
Threadfins, tasselfishes n.e.i.	THF	Polynemidae
Pelagic percomorphs n.e.i.	PPX	Perciformes
Bluefish	BLU	Pomatomus saltatrix
Cobia	CBA	Rachycentron canadum

▼M1

English name	3-alpha identifier	Scientific name
Cobias, n.e.i.	CBX	Rachycentridae
Jack and horse mackerels n.e.i.	JAX	Trachurus *spp.*
Indian scad	RUS	Decapterus russelli
Scads	SDX	Decepterus *spp.*
Jacks, crevalles, n.e.i.	TRE	Caranx *spp.*
Pompanos	POX	Trachinotus *spp.*
Yellowtail amberjack	YTC	Seriola lalandi
Amberjacks n.e.i.	AMX	Seriola *spp.*
Rainbow runner	RRU	Elagatis bipinnulata
Golden trevally	GLT	Gnatanodon speciosus
Torpedo scad	HAS	Megalaspis cordyla
Queenfishes	QUE	Scomberoides (= Chorinemus) *spp.*
Big-eye scad	BIS	Selar crumenophthalmus
Yellowstripe scad	TRY	Selaroides leptolepis
Carangids n.e.i.	CGX	Carangidae
Black pomfret	POB	Formio niger
Common dolphinfish	DOL	Coryphaene hippurus
Silver pomfret	SIP	Pampus argenteus
Butterfishes, silver pomfrets	BUX	Stromateidae
Goldstripe sardinella	SAG	Sardinella gibbosa
Indian oil sardine	IOS	Sardinella longiceps
Sardinellas n.e.i.	SIX	Sardinella *spp.*
Southern African pilchard	PIA	Sardinops ocellatus
Redeye round herring	RRH	Etrumeus teres
Stolephorus anchovies	STO	Stolephorus *spp.*
Anchovies n.e.i.	ANX	Engraulidae
Clupeoids n.e.i.	CLU	Clupeoidei
Dorab wolf-herring	DOB	Chirocentrus dorab
Wolf-herrings	DOS	Chirocentrus *spp.*
Wahoo	WAH	Acanthocybium solandri
Narrow-barred Spanish mackerel	COM	Scomberomorus ommerson
Indo-Pacific king mackerel	GUT	Scomberomorus guttatus
Streaked seerfish	STS	Scomberomorus lineolatus
Seerfishes n.e.i.	KGX	Scomberomorus *spp.*
Frigate and bullet tunas	FRZ	Auxis thazard, A rochei
Kawakawa	KAW	Euthynnus affinis
Skipjack tuna	SKJ	Katsuwonus pelamis
Longtail tuna	LOT	Thunnus tonggol
Albacore	ALB	Thunnus alalunga
Southern bluefin tuna	SBF	Thunnus maccoyii
Yellowfin tuna	YFT	Thunnus albacares
Big-eye tuna	BET	Thunnus obesus
Indo-Pacific sailfish	SFA	Istiophorus platypterus
Indo-Pacific blue marlin	BLZ	Makaira mazara
Black marlin	BLM	Makaira indica
Striped marlin	MLS	Tetrapturus audax
Marlins, sailfishes, spearfishes	BIL	Istiophoridae
Tuna-like fishes n.e.i.	TUX	Scombroidei

▼M1

English name	3-alpha identifier	Scientific name
Snoek	SNK	Thyrsites atun
Largehead hairtail	LHT	Trichiurus lepturus
Silver scabbardfish	SFS	Lepidopus caudatus
Hairtails, cutlassfishes, n.e.i.	CUT	Trichiuridae
Chub mackerel	MAS	Scomber japonicus
Indian mackerel	RAG	Rastrelliger kanagurta
Indian mackerels n.e.i.	RAX	Rastrelliger *spp.*
Mackerel-like fishes n.e.i.	MKX	Scombroidei
Swordfish	SWO	Xiphias gladius
Shortfin mako	SMA	Isurus oxyrinchus
Blue shark	BSH	Prionace glauca
Oceanic whitetip shark	OCS	Carcharhinus longimanus
Spot-tail shark	CCQ	Carcharhinus sorrah
Dusky shark	DUS	Carcharhinus obscurus
Silky shark	FAL	Carcharhinus falciformis
Milk shark	RHA	Rhizoprionodon acutus
Requiem sharks n.e.i.	RSK	Carcharhinidae
Hammerhead sharks, etc. n.e.i.	SPY	Sphyrnidae
Guitarfishes, etc. n.e.i.	GTF	Rhinobatidae
Sawfishes	SAW	Pristidae
Rays, stingrays, mantas n.e.i.	SRX	Rajiformes
Sharks, rays, skates, etc. n.e.i.	SKX	Elasmobranchii
Marine fishes n.e.i.	MZZ	Osteichthyes
Swimcrabs	CRS	Portunus *spp.*
Mud crab	MUD	Scylla serrata
Geryons n.e.i.	GER	Geryon *spp.*
Marine crabs n.e.i.	CRA	Reptantia
Tropical spiny lobsters n.e.i.	SLV	Panulirus *spp.*
Natal spiny lobster	SLN	Palinurus delagoae
Slipper lobsters	LOS	Scyliaridae
Andaman lobster	NEA	Metanephrops andamanicus
Giant tiger prawn	GIT	Penaeus monodon
Green tiger prawn	TIP	Penaeus semisulcatus
Indian white prawn	PNI	Penaeus indicus
Penaeus shrimps n.e.i.	PEN	Penaeus *spp.*
Knife shrimp	KNS	Haliporoides triarthrus
Jack-knife shrimp	JAQ	Haliporoides sibogae
Knife shrimps	KNI	Haliporoides *spp.*
Natantian decapods n.e.i.	DCP	Natantia
Marine crustaceans n.e.i.	CRU	Crustacea
Abalones n.e.i.	ABX	Haliotis *spp.*
Rock-cupped oyster	CSC	Crassostrea cucullata
Cupped oysters n.e.i.	OYC	Crassostrea *spp.*
Cephalopods n.e.i.	CEP	Cephalopoda
Cuttlefishes, bobtail squids	CTL	Sepiidae, Sepiolidae
Common squids	SQC	Loligo *spp.*
Octopuses	OCT	Octopodidae
Squids n.e.i.	SQU	Loliginidee, Ommastrephidae

▼**M1**

English name	3-alpha identifier	Scientific name
Marine molluscs n.e.i.	MOL	Mollusca
Green turtle	TUG	Chelonia mydas
Marine turtles n.e.i.	TTX	Testudinata
Sea cucumbers n.e.i.	CUX	Holothurioidea
Aquatic invertebrates n.e.i.	INV	Invertebrata

▼B

ANNEX 5

FORMAT FOR THE SUBMISSION OF CATCH DATA FOR REGIONS OTHER THAN THE NORTH ATLANTIC

Magnetic media

Computer tapes: Nine track with a density of 1 600 or 6 250 BPI and EBCDIC or ASCII coding, preferably unlabelled. If labelled, an end-of-file code should be included.

Floppy discs: MS-DOS formatted 3,5″ 720 K or 1,4 Mbyte discs or 5,25″ 360 K or 1,2 Mbyte discs.

Record format

Byte numbers	Item	Remarks
1 to 4	Country (ISO 3-alpha code)	e.g. FRA = France
5 to 6	Year	e.g. 93 = 1993
7 to 8	Major fishing area	34 = eastern central Atlantic
9 to 15	Division	3.3 = division 3.3
16 to 18	Species	3-alpha identifier
19 to 26	Catch	Metric tonnes

Notes:

(a) The catch field (bytes 19 to 26) should be right justified with leading blanks. All other fields should be left justified with trailing blanks.

(b) The catch should be recorded in the live weight equivalent of the landings, to the nearest metric tonne.

(c) Quantities (bytes 19 to 26) of less than half a unit should be recorded as '−1'.

(d) Unknown quantities (bytes 19 to 26) should be recorded as '−2'.