RESTRICTED

INTERNATIONAL COMMISSION FOR THE NORTHWEST ATLANTIC FISHERIES

Serial No. 2518
(B.g.6)

ICNAF Res.Doc. 71/23

ANNUAL MEETING - JUNE 1971

Notes for the Completion of STATLANT Form 21A and 21B (FAO Fish. Circulars 273, 274, 235 Rev. 1, 248 Rev. 1) Also Circular 277

23

(a)	(b)	(c)	(d)	(e) FISHING AREA	(f) COUNTRY	(g) YEAR	(h) SHEET No. ____ OF ____ SHEETS	(i)

STATLANT

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CWP **FORM FOR REPORTING STATISTICS ON NOMINAL CATCHES AND LANDINGS**

A LINE	B CODE	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	(A) LINE
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(a) FISHING GEAR (METHOD)	(b)	(c) TONNAGE CLASS	(d) MAIN SPECIES SOUGHT	(e) ICNAF DIVISION	(f) COUNTRY	(g) YEAR	(h) SHEET No. ____ OF ____ SHEETS	(i)
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CWP/ICNAF FORM FOR REPORTING STATISTICS ON FISHING EFFORT AND NOMINAL CATCHES

A LINE	B CODE	C EFFORT AND SPECIES	D JANUARY	E FEBRUARY	F MARCH	G APRIL	H MAY	I JUNE	J JULY	K AUGUST	L SEPTEMBER	M OCTOBER	N NOVEMBER	O DECEMBER	P NOT KNOWN	Q TOTAL	(A
		FISHING EFFORT MEASURES															
1	FISHING TIME	No. of hours or 1000 hooks fished															
2		No. of hauls, drags or sets made															
3		No. of days fished															
4		No. of days on grounds															
5																	
6																	
7		Percent estimated															
		NOMINAL CATCHES (LIVE WEIGHT, i.e. ROUND FRESH WEIGHT EQUIVALENT OF THE LANDINGS - IN METRIC TONS)															
8		**GRAND TOTAL**															
9		Sturgeons															
10		River eels															
11		Salmons, trouts, smelts, etc.															
12																	
13																	
14		Sharks															
15																	
16																	
17		Flounders, halibuts, soles, etc.															
18		Halibut															
19		Flounders, other															
20																	
21																	
22																	
23																	
24																	
25																	
26																	
27		Cods, hakes, haddocks, etc.															
28		Cod															
29		Haddock															
30		Silver hake															
31																	
32																	
33																	
34																	
35																	
36																	
37		Redfishes, basses, croakers, etc.															
38		Redfishes															
39																	
40																	
41																	
42																	
43																	
44																	
45																	
46																	
47																	
48		Jacks, mullets, etc.															
49																	
50																	
51																	
52		Herrings, sardines, anchovies, etc.															
53		Herring															
54																	
55																	
56		Tunas, bonitos, skipjacks															
57																	
58																	
59																	
60		Mackerels, billfishes, etc.															
61																	
62																	
63																	
64		Sharks, rays, chimaeras															
65																	
66																	
67		Unsorted and unidentified fishes															
68		Groundfish species															
69		Pelagic species															
70		Other species															
71		Crustaceans															
72		Molluscs															
73		Sea-cucumbers, sea-urchins, scallops, etc.															
74	SPECIAL SUBDIVISIONS	Other groundfish															
75		Other pelagic fish															
76		Other fish															
77		Shellfish, etc.															

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FISHERY STATISTICAL NOTES:
NORTHWEST ATLANTIC STATISTICAL AREA
(FAO FISHING AREA 21)

Compiled by

The Secretary
Coordinating Working Party on Atlantic Fishery Statistics
FAO Department of Fisheries

FOOD AND AGRICULTURE ORGANIZATION OF THE UNITED NATIONS
Rome, October 1970

PREPARATION OF THIS CIRCULAR

During its Sixth Session (3-7 February 1969, Copenhagen), the CWP (Coordinating Working Party on Atlantic Fishery Statistics) reviewed the detailed information on the classification of fishing areas presented in document STANA 69/6/8D ("Classification and Codification of Fishing Areas"). The CWP recommended that this document be re-issued and distributed to ICNAF, ICES and CECAF. This Fisheries Circular No. 235 consists of an expansion of the details relating to the Northwest Atlantic and to the ICNAF convention area and their further breakdown by sub-areas and divisions. The purpose of this Circular, by bringing together all these details, is to facilitate reviews and refinements of the definitions of the statistical areas and their sub-areas and divisions.

MI/88011

FAO Fisheries Circular (FAO Fish.Circ.)

A vehicle for the distribution of short or ephemeral notes, lists, statistical tabulations, etc., including provisional versions of documents to be issued later in other series.

NORTHWEST ATLANTIC STATISTICAL AREA

FAO AREA FISHING 21

1. GENERAL

1.1 The "Northwest Atlantic Statistical Area" covers (a) the ICNAF Convention Area, (b) adjacent waters and (c) adjacent territorial waters.

1.2 It represents Statistical Area 21 in the FAO International Statistical Classification of Fishing Areas.

2. DEFINITION OF THE "NORTHWEST ATLANTIC STATISTICAL AREA" (FAO FISHING AREA 21)

2.1 The Northwest Atlantic Statistical Area includes:

(a) The ICNAF Convention Area: this is defined as all waters, except territorial waters, bounded by a line drawn as follows:

From a line beginning at a point on the coast of Rhode Island in 71°40' west longitude; thence due south to 39°00' north latitude; thence due east to 42°00' west longitude; thence due north to 59°00' north latitude; thence due west to 44°00' west longitude; thence due north to the coast of Greenland; thence along the west coast of Greenland to 78°10' north latitude; thence southward to a point in 75°00' north latitude and 73°30' west longitude; thence along a rhumb line to a point in 69°00' north latitude and 59°00' west longitude; thence due south to 61°00' north latitude; thence due west to 64°30' west longitude; thence due south to the coast of Labrador; thence in a southerly direction along the coast of Labrador to the southern terminus of its boundary with Quebec; thence in a westerly direction along the coast of Quebec, and in an easterly and southerly direction along the coasts of New Brunswick, Nova Scotia, and Cape Breton Island to Cabot Strait; thence along the coasts of Cape Breton Island, Nova Scotia, New Brunswick, Maine, New Hampshire, Massachusetts, and Rhode Island to the point of beginning.

(b) The waters of the Northwest Atlantic bounded by a line beginning at a point on the coast of Rhode Island in 71°40' west longitude; thence due south to 39°00' north latitude; thence due east to 42°00' west longitude; thence due south to 35°00' north latitude; thence due west to the coast of North America; thence northward along the east coast of Hatteras Island, past Oregon Inlet along the coasts of North Carolina, Virginia, Maryland, Delaware, New Jersey, New York, Connecticut and Rhode Island to the point of beginning.

(c) All territorial waters bordering on the ICNAF Area (defined in (a) above, and on the area defined in (b) above).

3. DESCRIPTION OF THE SIX SUB-AREAS OF THE NORTHWEST ATLANTIC STATISTICAL AREA

The Sub-areas of the Northwest Atlantic Statistical Area are as follows:

Sub-area 1 - That portion of the Convention area which lies to the north and east of a rhumb line from a point in 75°00' north latitude and 73°30' west longitude to a point in 69°00' north latitude and 59°00' west longitude; east of 59°00' west longitude; and to the north and east of a rhumb line from a point in 61°00' north latitude and 59°00' west longitude to a point in 52°15' north latitude and 42°00' west longitude.

3. (concluded)

Sub-area 2 - That portion of the Convention area lying to the south and west of sub-area 1 defined above and to the north of the parallel of 52°15' north latitude.

Sub-area 3 - That portion of the Convention area lying south of the parallel of 52°15' north latitude; and to the east of a line extending due north from Cape Bauld on the north coast of Newfoundland to 52°15' north latitude; to the north of the parallel of 39°00' north latitude; and to the east and north of a rhumb line extending in a northwesterly direction which passes through a point in 43°30' north latitude, 55°00' west longitude, in the direction of a point in 47°50' north latitude, 60°00' west longitude, until it intersects a straight line connecting Cape Ray, on the coast of Newfoundland, with Cape North on Cape Breton Island; thence in a northeasterly direction along said line to Cape Ray.

Sub-area 4 - That portion of the Convention area lying to the west of sub-area 3 defined above, and to the east of a line described as follows: beginning at the terminus of the international boundary between the United States of America and Canada in Grand Manan Channel, at a point in 44°46' 35·34" north latitude, 66°54' 11·23" west longitude; thence due south to the parallel of 43°50' north latitude; thence due west to the meridian of 67°40' west longitude; thence due south to the parallel of 42°20' north latitude; thence due east to a point in 66°00' west longitude; thence along a rhumb line in a southeasterly direction to a point in 42°00' north latitude, 65°40' west longitude; thence due south to the parallel of 39°00' north latitude.

Sub-area 5 - That portion of the Convention area lying west of the western boundary of sub-area 4 defined above.

Sub-area 6 - The waters of the Northwest Atlantic bounded by a line beginning at a point on the coast of Rhode Island in 71°40' west longitude; thence due south to 39°00' north latitude; thence due east to 42°00' west longitude; thence due south to 35°00' north latitude; thence due west to the coast of North America; thence northward along the east coast of Hatteras Island, past Oregon Inlet along the coasts of North Carolina, Virginia, Maryland, Delaware, New Jersey, New York, Connecticut, and Rhode Island to the point of beginning.

4. BREAKDOWN OF THE NORTHWEST ATLANTIC STATISTICAL AREA INTO SUB-AREAS AND DIVISIONS (ICNAF SUB-AREAS AND DIVISIONS)

ICNAF No.	FAO Code No.
NORTHWEST ATLANTIC STATISTICAL AREA	21.0.0
Sub-area 1	21.1.0
Division 1A	21.1.1
Division 1B	21.1.2
Division 1C	21.1.3
Division 1D	21.1.4
Division 1E	21.1.5
Division 1F	21.1.5
Division(s) 1NK	21.1.9
Sub-area 2	21.2.0
Division 2G	21.2.1
Division 2H	21.2.2
Division 2J	21.2.3
Division(s) 2NK	21.2.9
Sub-area 3	21.3.0
Division 3K	21.3.1
Division 3L	21.3.2
Division 3M	21.3.3
Division 3N	21.3.4
Division 3O	21.3.5
Division $3P_n$	21.3.6
Division $3P_s$	21.3.7
Division(s) 3NK	21.3.9
Sub-area 4	21.4.0
Division 4R	21.4.1
Division 4S	21.4.2
Division 4T	21.4.3
Division $4V_n$	21.4.4
Division $4V_s$	21.4.5
Division 4W	21.4.6
Division 4X	21.4.7
Division(s) 4NK	21.4.9
Sub-area 5	21.5.0
Division 5Y	21.5.1
Division $5Z_e$	21.5.2
Division $5Z_w$	21.5.3
Division(s) 5NK	21.5.9

4. (concluded)

ICNAF No.	FAO Code No.
Sub-area 6	21.6.0
Division 6A	21.6.1
Division 6B	21.6.2
Division 6C	21.6.3
Division 6D	21.6.4
Division 6E	21.6.5
Division 6F	21.6.6
Division 6G	21.6.7
Division 6H	21.6.8
Division(s) 6NK	21.6.9

7. MAPS

(a) See map attached to this circular

(b) FAO (1965)
FAO Bull.Fish.Statist.,(6):xi
Catches in the North Atlantic, 1963

(c) FAO (1966)
FAO Fish.Circ.,(65)
Maps of the North Atlantic fishing areas

(d) FAO (1966)
FAO Fish.Circ.,(96)
Map of the North Atlantic showing the ICNAF and ICES statistical areas, sub-areas, divisions and sub-divisions

(e) FAO (1966)
FAO Bull.Fish.Statist.,(10):61
Catches in the North Atlantic, 1964

(f) FAO (1967)
FAO Bull.Fish.Statist.,(12):62
Catches in the North Atlantic, 1965

(g) FAO (1967)
FAO Fish.Circ.,(206)
Map of the North Atlantic or an equal area projection showing the ICNAF and ICES statistical areas, sub-areas, divisions and sub-divisions

(h) ICNAF (1967)
RedBk int.Commn NW.Atlant.Fish.,1967(1):61

(i) ICES (1968)
Bull.statist.pêch.marit.,Copenh.,51:78-79

(j) ICNAF (1968)
Statist.Bull.int.Commn NW.Atlant.fish.,16:6

(k) FAO (1968)
FAO Fish.Circ.,(205) Rev.2
World map:major fishing areas for statistical purposes

8. REFERENCES

(a) ICNAF (1965)
ICNAF handbook, p.9

(b) ICNAF (1967)
RedBk int.Comm NW.Atlant.Fish.,1967(1):19

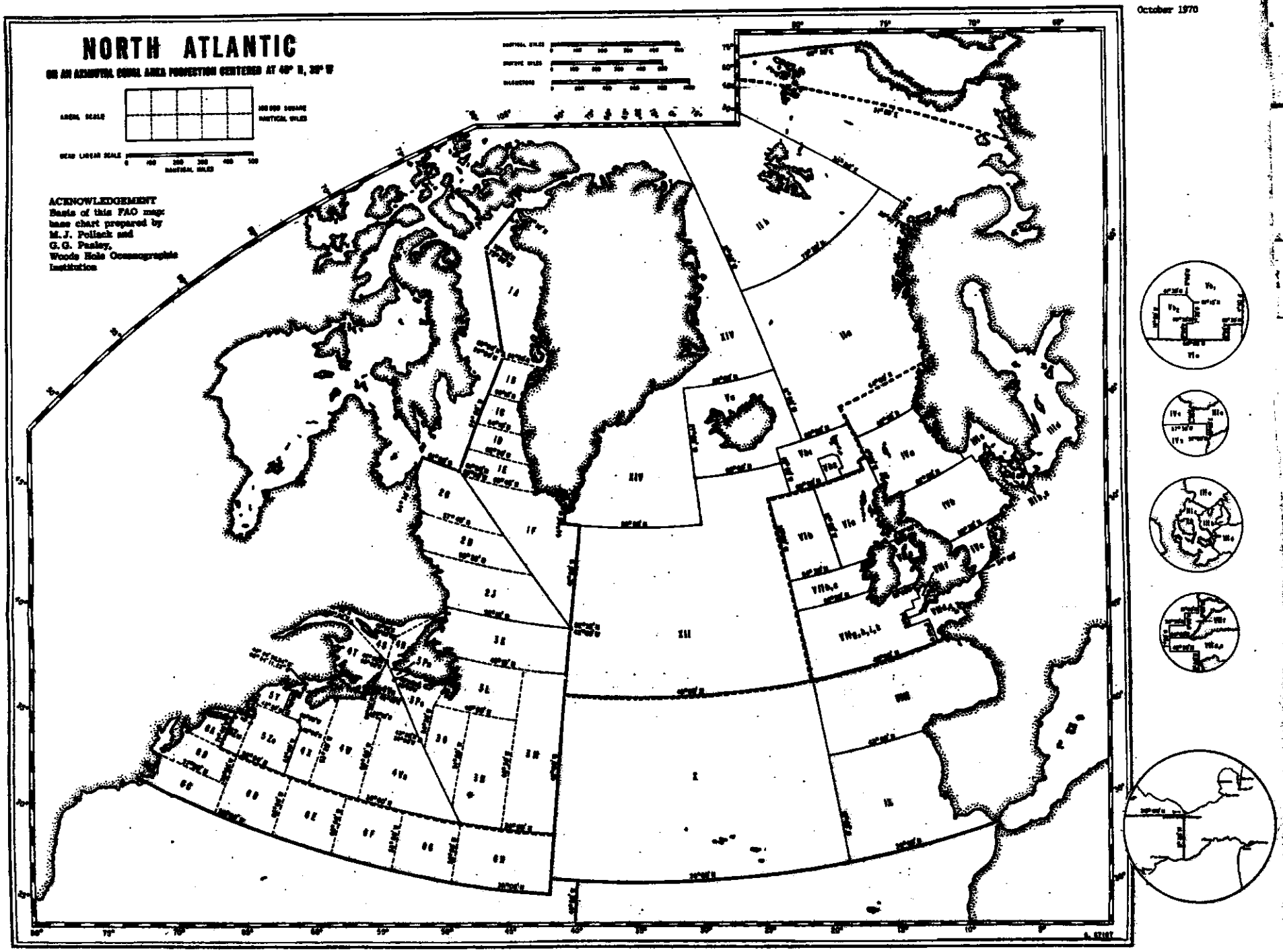
(c) FAO (1968)
FAO Fish.Circ.,(201) Rev.1:8
Notes for the completion of form STANA 2:ICNAF (Northwest Atlantic) summary

(d) FAO (1968)
FAO Fish.Circ.,(203) Rev.1:8
Notes for the completion of form STANA 1W

(e) Coordinating working party on Atlantic fishery statistics. Sixth session.
Classification and codification of fishing areas.
3-7 Febr.1969, Charlottenlund, Denmark (1968).
STANA:69/6/8D

ICES, ICNAF and NEAFC Fishing Areas

October 1970



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"NOMINAL CATCHES" AND "LANDINGS":
DEFINITIONS AND NOTES

Prepared by

The Secretary
Coordinating Working Party on Atlantic Fishery Statistics
FAO Department of Fisheries

FOOD AND AGRICULTURE ORGANIZATION OF THE UNITED NATIONS
Rome, June 1970

MI/A4721

FAO Fisheries Circular (FAO Fish.Circ.)

A vehicle for distribution of short or ephemeral notes, lists, statistical tabulations, etc., including provisional versions of documents to be issued later in other series.

"NOMINAL CATCHES" AND "LANDINGS": DEFINITIONS AND NOTES

1. GENERAL

1.1 The primary production of aquatic animals and plants for commercial, industrial and subsistence purposes, is usually referred to, in national statistics, as "catches" or "landings". "Catches", or preferably "nominal catches", represent the live weight equivalent of the landings., i.e. the "round, fresh", "round, whole" or "ex-water" weight of the quantities recorded at the time of landing.

1.2 Nominal catches represent the live weight equivalent of the landings. It is generally impossible to record directly statistics on nominal catches. The recorded weight of the landings of fish and fish products (livers, roes, fillets, meals, oils, etc.) is, therefore, converted to their live weight equivalent by using appropriate conversion factors for the various species and products.

2. BASIC DEFINITIONS

2.1 Standard definitions of basic terms

CONCEPTS	DEFINITIONS	SYNONYMS	WEIGHT BASIS
Catch	The term "catch", unless otherwise specified, normally refers to the "nominal catch", i.e. the live weight equivalent of the landings	Landings, round fresh Landings, whole fresh Landings, ex-water weight	Live weight
Nominal catch	The live weight equivalent of the landings	Landings, round fresh Landings, whole fresh Landings, ex-water weight	Live weight
Landings	The weight of fish and fish products brought ashore, i.e. the actual weight of the quantities landed. This weight represents the net weight of the gutted, eviscerated, filleted, frozen, cured, canned fish and fish products, fish meals, oils, etc. at the time of landing	Landings, landed weight	Landed weight
Gross catch	The weight of the fish taken from sea	Real catch	Live weight
Discarded catch	That part of the gross catch which, as whole fish, is returned to the sea at the time of capture	Discards	Live weight
Retained catch	That part of the gross catch which, as whole fish, is not discarded	...	Live weight

2.2 Differences between "retained catch" and "landings"

2.2.1 The differences are accounted for by:

(a) Consumption by the crew;
(b) Use for bait;
(c) Dumping of whole fish because of spoilage or for other reasons;
(d) Dumping of guts, heads and other parts of the fish because of processing;
(e) Loss or gain of fluid content.

2.2.2 Items (a), (b), (c), (d) and (e) above account for the difference between "retained catch" and "landings". Items (d) and (e) account for the difference between "nominal catch" and "landings".

2.3 The term "landings" is not used in international statistics synonymously with "number of arrivals" or "trips".

3. SUPPLEMENTARY NOTES ON CONVERTING "LANDINGS" (LANDED WEIGHT) TO "NOMINAL CATCHES" (LIVE WEIGHT)

3.1 Particular attention is drawn to the relation of landed weight (often the first stage at which weight or volume measurements are regularly obtainable) to the live weight of such landings (the form required for certain types of international statistics). This relationship is of great significance in those fisheries where the catch is not only dressed but also processed before landing by means of salting, filleting, canning or reduction to meal and oil. The weight landed is also reduced by losses in transport, losses of body fluids as well as decreases due to causes such as dehydrating, pulping and other factors which might be partly offset by measures taken to preserve the fish. These "losses" might differ from species to species, and from fishery to fishery, country to country, etc.

3.2 It is stressed that the live equivalents (nominal catches) of landings of ALL fishery products, for example meals and oils, from whole so-called "industrial" fish are to be included in the data on nominal catches. Meal, oil and other "industrial products, when manufactured from viscera, livers, etc. of fish gutted, eviscerated or filleted for human food, should not be included in these calculations - the quantities of these raw materials would already be covered by the live equivalent (nominal catches) of the food fish landings.

3.3 For particular species, certain national offices convert to a nationally standardized landed weight basis the weights of the gutted, eviscerated, filleted, frozen, cured or canned fish and fish products, fish meals, oils, etc., brought ashore (landed) by the fishermen. In the statistics of these countries the published landings data might refer to these nationally standardized landed weight concepts (e.g. fresh, gutted, heads-off or fresh, eviscerated, heads-on) and not to the actual landed weight of the different products at the time of landing.

4. CONVERSION FACTORS

4.1 Conversion factors (reflecting the "yield" rates) should be compiled by all national offices and kept under constant review. They might have to be revised from time to time due to changes in the size composition of catches, the handling and processing, etc. 1/

4.2 In addition to these "yield" rates (conversion factors), it is also necessary to have factors for converting (a) non-metric units to metric mass units; (b) metric and non-metric capacity or volume units to metric mass units and (c) numbers to metric mass units.

1/ For conversion factors used by different national offices for converting landings of North Atlantic species to nominal catches see FAO Fisheries Circular 228/Rev.2.

5. YEAR OF CAPTURE AND YEAR OF LANDING

5.1 Landings data are shown under the calendar year during which these landings were made. The nominal catch data should be shown under the calendar year during which these catches were made. Usually the "year of capture" and the "year of landing" correspond to the same calendar year.

5.2 The continuing development of long-distance fishing operations, sometimes involving trips lasting several months, are resulting in increasing quantities of catches made towards the end of one calendar year being landed during the first few months of the succeeding year. Where nominal catch data are calculated from the data on landings, adjustments have to be made to assign the catches to the appropriate calendar "year of capture".

6. DIRECT FOREIGN LANDINGS

6.1 "Landings" as reference to the national production of any country or territory includes not only landings by the domestic fishing fleets in domestic ports but also their landings in foreign ports. Landings by foreign craft in domestic ports are excluded.

6.2 Similarly, the statistics on nominal catches (landings on a live weight basis) should include not only the catches landed by the craft from the reporting country in the harbours of that country, but also nominal catches landed in foreign ports by the reporting country's craft. Nominal catches landed in the reporting country by foreign fishing craft should be excluded.

7. VALUES OF "LANDINGS"

7.1 Values of landings are, as far as possible, those based on prices paid at first sale of the fish as landed by the primary producers - the fishermen. Information on the varying statistical procedures of the different countries should be given in footnotes.

7.2 For purposes of international comparability, values are converted into US dollars, using appropriate exchange rates.

8. SUMMARY OF STANDARD COVERAGE OF "NOMINAL CATCHES" AND OF "LANDINGS".

8.1 The following are to be taken into account when determining the coverage of the concept "nominal catches" and its relationship to "landings":

1. Adjustments

(i) Conversion factors (yield rates) are to be used to convert quantities recorded on a landed weight basis to the live weight equivalent.

(ii) The "nominal catch" data refer to the calendar year of capture and the "landings" data to the calendar year of landing. Sometimes adjustments are necessary when catches made in one year are landed in the succeeding year.

2. Inclusions

(iii) The data should cover all quantities caught and landed for any commercial, industrial or subsistence purpose, including the results of fishing activities and operations such as fixed-gear fishing, fish-farming, shell-fish culture, seaweed-harvesting, guano-collecting, sealing, etc.

(iv) The data should include all quantities caught and eventually landed not only in the domestic harbours of the reporting country but also landed by units of the domestic fleet of the reporting country in foreign harbours.

(v) The "nominal catch" data should include those quantities caught during the calendar year indicated, although landed in the subsequent year.

8.1 (Concl'd)

3. Exclusions

(vi) The data should exclude catches made by SPORTS fishermen and for recreational purposes and for any other than commercial, industrial or subsistence purposes.

(vii) The data should exclude quantities landed by foreign fishing craft in the domestic harbours of the reporting countries.

(viii) The "nominal catch" data should exclude quantities caught during the preceding calendar year but landed during the calendar year indicated.

(ix) The data should exclude discards ("discarded" catches), i.e. whole fish (not rejected parts of retained fish) returned to the sea.

FAO Fisheries Circular No. 248 Rev.1
(Distribution restricted)

FIES/248 Rev.1
Statistical standards

CLASSIFICATION, DEFINITION AND CODIFICATION OF FISHING EFFORT STATISTICS

Prepared by

The Secretary
Coordinating Working Party on Atlantic Fishery Statistics
FAO Department of Fisheries

FOOD AND AGRICULTURE ORGANIZATION OF THE UNITED NATIONS
Rome, April 1970

PREPARATION OF THIS DOCUMENT

This paper consists of the general remarks and appendices 'A' and 'B' contained in FAO Fisheries Circular No. 229. The other appendices in the latter document are being expanded, and will be issued later as a separate Circular.

LMI/A1775

FAO Fisheries Circular (FAO Fish.Circ.)

A vehicle for the distribution of short or ephemeral notes, lists, statistical tabulations, etc., including provisional versions of documents to be issued later in other series.

CLASSIFICATION, DEFINITION AND CODIFICATION OF FISHING EFFORT STATISTICS (GEAR, CRAFT PROPULSION AND CRAFT SIZE)

1. GENERAL

1.1 The various effort measures used by ICES can be grouped into two classes: (i) those expressed in terms of fishing time; and (ii) those expressed in terms of fishing power. Those used by ICNAF refer only to fishing time; ICNAF does not collect or publish effort measures expressed directly in terms of fishing power, though groupings in terms of craft size (tonnage) are used. The effort measures used by ICES and ICNAF, as described in the appropriate sections of Fisheries Circulars Nos. 203 and 204, are given and defined in Appendix 'A' to this paper.

1.2 The development of new types of boats, and further improvements in fishing techniques and gear, indicate the necessity to define further and refine constantly these effort measures. In the case of long-distance fishing craft, it is also necessary to ensure that the catch and effort data are allocated to the day, week or month when these were made, and not to the date of the landing of these catches or of the products processed from them on board. Questions relating to searching time are arising; it would appear that in some cases an overall area decrease in the density of the fish population may be obscured if concentrations remain as abundant as before on particular grounds; if effort is confined to these spots, it might seem, in terms of fishing time, that there has been no change in abundance. These and other considerations are constantly stressing the need for a continual search for improved definitions.

2. CLASSES OF FISHING UNITS

2.1 General

Important differences in the fishing efficiency of the various types of gear and of fishing craft are apparent. Comparable and adequate fishery statistics, reflecting the relationships between effort (inputs) and catch (outputs) require, when collecting and publishing these statistics, that a distinction be made between different "classes of fishing units".

These distinctions are made in terms of (i) the gear used; (ii) the method of propulsion; and (iii) the size of the craft. Appendix 'B' presents details on the practices of both ICES and ICNAF with respect to the establishment of "classes of fishing units" in terms of (i) gear; (ii) propulsion; and (iii) craft size.

2.2 Gear classification

The gear classifications of ICES and ICNAF are almost identical, and these details are presented in Appendix 'B'.

2.3 Method of propulsion

ICES, as will be noted from the material presented in Appendix 'B', uses three types of propulsion to define classes of fishing units. ICNAF has dispensed with the breakdown by propulsion methods.

2.4 Classification of craft according to size categories

Both ICES and ICNAF use gross registered tons to define the size categories to be used for identifying different classes of fishing units. These are compared in Appendix 'B'.

APPENDIX 'A'

DEFINITIONS OF FISHING EFFORT MEASURES

FISHING TIME

ICES
ICNAF

No. of hours or 1000 hooks fished

No. of hours fished: for otter trawls this is defined as "the total number of hours during which the trawl was on the bottom and fishing"; *if countries are unable to report so precisely* they should give the nearest approximation with the precise definition of the approximation used.

No. of hours fished: for dory vessels this is defined as "the number of hours the dory fleet is absent from the mother vessel times the number of dories".

Thousand of hooks fished: this is defined as "the number of hooks used in each set times the number of sets". This figure should be calculated to the nearest thousand hooks.

For other fishing gear: the number of hours the nets, seines, traps, pots, dredges, harpoons, etc. were used in the fishing operations; this is the product of the number of hours per unit times the number of units.

ICES
ICNAF

No. of hauls, drags or sets made

The number of times the fishing gear has been hauled or dragged or set, whichever description is appropriate to the fishing gear or technique used.

ICES
ICNAF

No. of days fished

The number of days (24-hour periods, reckoned from midnight to midnight) on which any fishing took place.

For those fisheries in which searching is a substantial part of the fishing operation, days "on grounds" in which searching but not fishing took place, should be included in the days fished data.

Taking into account the inclusion of "searching time" the definition of "number of days fished" could be further refined at the national level if possible as follows: "The number of days (24-hour periods, reckoned from midnight to midnight) on which the fishing craft was on the fishing grounds, intent on catching fish (not counting the time spent steaming to or from port and between grounds) minus the number of fishing days lost through delays from weather, breakdown or other factors".

ICES
ICNAF

No. of days on grounds

This is defined as the number of days (24-hour periods, reckoned from midnight to midnight) in which the craft was on the fishing ground, and includes in addition to the days fishing and searching also all the other days while the craft was on the ground.

FISHING TIME (concluded)

ICES No. of days absent from port

The number of days absent from port on any one trip should include the day the fishing craft sailed but not the day of landing.

Where it is known that fishing took place on each day of the trip the number of "days absent from port" should include not only the day of departure but also the day of arrival back in port.

Where on any trip a fishing craft visits more than one "fishing area" (as defined for statistical purposes) an appropriate fraction of the total number of days absent from port should be allocated to each "fishing area" in proportion to the number of days spent in each, so that the total number of days absent on any trip will be the sum of the number of days allocated to all of the different "fishing areas" visited.

ICES No. of trips made

Any voyage during which fishing took place in only one "fishing area" is to be counted as one trip.

When in a single trip a craft visits more than one "fishing area" an appropriate fraction of the trip should be apportioned to each "fishing area" in proportion to the number of days spent fishing in each, so that the total number of trips for the Statistical Area as a whole will be the same as the sum of trips to each "fishing area".

FISHING POWER

ICES Average gross tonnage

Average gross tonnage is to be given in gross register tons.

The averages should be weighted. Weighted averages are required in view of the decision to reduce the reporting task of the national offices by eliminating for the time being the monthly breakdown of the annual effort measure data.

ICES Average horse power

Data should be given in "brake horse-power". For steam engines give the data instead as "indicated HP".

The HP averages should be given either as straight i.e., unweighted averages, or as weighted averages, with an indication of the type of average used. Weighting is to be calculated on the basis of "number of trips".

ICES Average length, overall

The overall length should be given; if this is not possible and if the registered length is substituted the word "overall" in this line is to be deleted and "reg" inserted. The length data should be given in metres (1 British foot = 0.3048 m.).

These length averages should be given either as straight (unweighted) averages or as weighted averages with an indication of the type of average used. Weighting is to be calculated on the basis of "number of trips".

ICES No. of fishing units operating

The number of fishing units operating should include every unit within the relevant "class of fishing units" that fished at least once in the fishing area.

In the case of "pair boat" fisheries the two craft together comprise one fishing unit.

APPENDIX 'B'

DEFINITION OF "CLASSES OF FISHING UNITS"

1. General

In the statistical reporting of catch-effort statistics for fishing areas according to classes of fishing units a distinction between these classes of fishing units is made on the basis of:

Primarily:	(a)	The fishing gear (method) used;
Secondarily:	(b)	the propulsion method; and
	(c)	the size category.

ICES does not for the time being require countries to define classes of fishing units by standard tonnage classes. Instead of standardized tonnage class categories a rather more flexible system of reporting by "fisheries" based on an agreed craft-and-gear classification and, where necessary, other criteria (e.g. craft size groups, mesh size, "type of fishery", etc.) is used. Member countries are responsible for establishing their national breakdown into "fisheries" for this purpose.

2. Fishing gear (method)

The International Standard Statistical Classification of North Atlantic Fishing Gear is based on the classification recommended by the Expert Meeting on Fishery Statistics in the North Atlantic Area, Edinburgh, September 1959, as modified subsequently by the CWP as a guidance to national offices.

Countries might, for some of these gear categories in certain areas, find it advisable to introduce further refinements by introducing sub-categories (e.g. "bottom" or "pelagic"). Such refinements might, sometimes, be very necessary, but to avoid a too complicated international list of gear categories, these further refinements are left to the national reporting offices.

A careful utilization of this North Atlantic gear classification, suitably refined by the national offices, together with the selected craft categories, should enable the reporting offices to establish suitable classes of fishing units for each "fishing area".

2. (concluded)

This International Standard Statistical Classification of North Atlantic Fishing Gear is as given below:

ICES	ICNAF
1. Otter trawls	1. Otter trawls
1.1 Large-meshed otter trawls 1/ 2/	*1.1 Side trawls*
1.1.1 Side trawls	*1.2 Stern trawls*
1.1.2 Stern trawls	
1.2 Small-meshed otter trawls 1/ 2/	
1.2.1 Side trawls	
1.2.2 Stern trawls	
2. Pair trawls	2. Pair trawls
2.1 Large meshed pair trawls 1/ 2/	
2.2 Small-meshed pair trawls 1/ 2/	
3. Beam trawls	3. Beam trawls
4. Danish seines	4. Danish seines
5. Purse seines, ring nets, etc. 1/	5. Purse seines, ring nets, etc.
6. Beach seines	6. Beach seines
7. Drift gill nets	7. Drift gill nets
8. Set gill nets	8. Set gill nets (bottom nets)
9. Fixed gear 1/	9. Fixed gear (weirs, traps, pots,etc.)
10. Long-lines	10. Long-lines
11. Hand-lines	11. Hand-lines
12. Dory-type gear	12. Dory-type gear
13. Other lines	13. Other lines
14. Dredges 1/	14. Dredges
15. Harpoons	15. Harpoons
16. Other gear 1/	16. Other gear
17. Gear that cannot be specified	17. Gear that cannot be specified

3. Propulsion method

In ICES statistics a distinction is made as far as possible between the methods of propulsion given below:

1. Motor
2. Steam
3. Other (sails, cars, etc.)

1/ To be specified where necessary.
2/ "Large-meshed" refers to meshes of 70 mm. and above; "small-meshed" to meshes of less than 70 mm.

4. Size category - fishing fleets

In distinguishing between different size categories of fishing craft it is possible to use either the gross registered tonnage or the horse power. It is recommended that, where a breakdown is made on the basis of craft size, (i.e. large and small trawls), it should be made as far as possible within the framework of the agreed international tonnage classification used by ICES and ICNAF which follows below:

ICES		ICNAF	
Size Category No.	Description (Gross Register Tonnage)	Size Category No.	Description (Gross Register Tonnage)
1.	50 GRT and less	1.	50 GRT and less
2.	51-150 GRT	2.	51-150 GRT
3.	151-500 GRT	3.	151-500 GRT
4.	501-900 GRT	4.	501-900 GRT
5.	901-1800 GRT	5.	901-1800 GRT
6.	1801-3000 GRT	6.	over 1800 GRT
7.	3001-5000 GRT		
8.	5001 GRT and above		

FAO Fisheries Circular No. 273
(Distribution restricted)

FIES/C273
Statistical standards

NOTES FOR THE COMPLETION OF FORM STATLANT 21A
"NORTHWEST ATLANTIC AREA: CATCH SUMMARY"

Prepared by

The Secretary
Coordinating Working Party on Atlantic Fishery Statistics
FAO Department of Fisheries

FOOD AND AGRICULTURE ORGANIZATION OF THE UNITED NATIONS
Rome, March 1971

WI/B4556

FAO Fisheries Circular (FAO Fish.Circ.)

A vehicle for distribution of short or ephemeral notes, lists, statistical tabulations, etc. including provisional versions of documents to be issued later in other series.

NOTES FOR THE COMPLETION OF FORM STATLANT 21A

"NORTHWEST ATLANTIC: CATCH SUMMARY"

Copies completed with calendar year data for 197

to be submitted to

ICNAF and FAO

before the following deadline:

1. PURPOSE OF THIS FORM

1.1 This STATLANT form is to be used by national offices for reporting, each year, catch data on all commercial, industrial and subsistence fishing operations, in the Northwest Atlantic to ICNAF and FAO.

1.2 The particulars of the annual data (on a calendar year basis) to be reported are as follows:-

for the Northwest Atlantic as a whole

for each of its divisions

— NOMINAL CATCHES (live weight equivalent of the landings)

— for every group and species category of aquatic animal and plant.

2. COMPOSITION OF FORM AND SUBMISSION OF COMPLETED FORMS

2.1 Composition

This STATLANT form consists of four sheets - blue, pink yellow and white - interleaved with monocarbons. After completion, these sheets are to be distributed as described below in Section 2.2.

In addition to this multi-sheet form, single pages (printed in red on heavy white paper) are also provided, to be used for drafting purposes by the national offices. These drafting worksheets are to be retained in the national offices. On these have been inserted fishing areas (sub-areas, divisions, etc.), lists of species (arranged by divisions and groups) and other specifications which are to be transferred together with the numerical data by the national reporting offices to this multi-sheet STATLANT form.

2.2 Submission of the completed STATLANT forms

After completion, each of these multi-sheet STATLANT forms is to be distributed before the deadline as follows:

blue copy: to be airmailed directly to -

The Secretary
Coordinating Working Party on Atlantic
Fishery Statistics (CWP)
c/o Fishery Statistics and Economic Data Branch
Department of Fisheries
FAO,
00100 ROME, Italy

pink copy: to be airmailed directly to -

The Secretary-General
International Council for the Exploration
of the Sea (ICES)
Charlottenlund Slot
2920 Charlottenlund, Denmark

yellow copy: to be airmailed directly to -

The Executive Secretary
International Commission for the Northwest
Atlantic Fisheries (ICNAF)
c/o Bedford Institute
P.O. Box 638
Dartmouth
Nova Scotia, Canada

white copy: to be retained for reference in the national reporting office.

3. COMPLETION OF BOXES (a) THROUGH (d)

3.1 General coverage

The insertion of the entry "ALL" in each of the four boxes (a), (b), (c) and (d) is to indicate that the annual, calendar year nominal catch data (live weight equivalent of the landings) cover the quantitative results from all kinds of commercial, industrial and subsistence fishing operations and activities undertaken by all types and classes of national fishing units in the waters of the Northwest Atlantic.

See also Section 5 and FAO Fisheries Circular No. 260 for additional details on inclusions and exclusions.

3.2 Possible exceptions to this coverage in the nationally provided data

By means of footnotes to boxes (a) through (d) indicate if any particular "branch" or "sector" of the national fishing industry can not be covered by the catch data provided. Mention such exclusions in the footnotes accompanying the completed forms and wherever possible give indications of the estimated or recorded magnitudes of the quantities not reported.

Below are listed a few examples of "branches" or "sectors" of the national fishing industry which should be included in the statistics, but which, for one reason or another, might not yet be covered by the national collection of data:

- units of the national fishing fleet whose catches are landed directly in foreign ports;
- operations with fixed gears (traps, weirs, etc.);
- fish-farming and shell-fish culture operations;
- subsistence fishing;
- seaweed harvesting;
- sealing and the hunting of other aquatic mammals 1/

1/ By definition whale catches by national whaling units should be included. However, the statistics on whales caught are reported to the Bureau for International Whaling Statistics, Sandjeford, Norway. To avoid duplication in requests to national offices and in their submissions to inter-governmental bodies, it is advisable to exclude the whaling "sector".

4. COMPLETION OF BOXES (e) THROUGH (i)

4.1 Box (e): Fishing area

Insert (i) two-digit code: (21); (ii) name: "Northwest Atlantic". See FAO Fisheries Circular No. 235.

4.2 Box (f): Reporting country

Insert the name of the reporting country or territory.

4.3 Box (g): Year

Insert the calendar year notation to indicate the twelve-month period: 1 January - 31 December.

4.4 Box (h): Numbering

To be used for numbering the form as part of a series of forms completed in respect of the Northwest Atlantic.

4.5 Box (i): Title

To be used to indicate the title of the STATLANT form: "Northwest Atlantic Area: Catch Summary".

5. COMPLETION OF LINES (1) THROUGH (75): NOMINAL CATCHES

5.1 According to the species (and the groups in which they are arranged) listed on the lines under column C, insert on lines (1) through (75) the nominal catch data, expressed in metric tons, on an annual (calendar year) basis for the total Northwest Atlantic as well as for its component sub-areas, divisions, etc., as indicated in column headings D through Q.

5.2 The following are to be taken into account when determining the coverage of the concept "nominal catches" and its relationship to "landings":

(1) Adjustments:

(i) Conversion factors (yield rates) are to be used to convert quantities recorded on a landed weight basis to the live weight equivalent (see FAO Fisheries Circular No. 260).

(ii) The "nominal catch" data refer to the calendar year of capture and the landings data to the calendar year of landing. Sometimes adjustments are necessary when catches made in one year are landed in the succeeding year (see FAO Fisheries Circular No. 260).

(2) Inclusions:

(iii) The data should include all quantities caught and landed for any commercial, industrial or subsistence purpose. The data should include also the results of fishing activities and operations such as fixed-gear fishing, fish-farming, shell-fish culture, seaweed-harvesting, guano-collecting, sealing, etc.

(iv) The data should include all quantities caught and eventually landed by units of the domestic fleet of the reporting country not only in the domestic harbours of the reporting country but also in foreign harbours.

(v) The nominal catch data should include those quantities caught during the calendar year notated in box (g) although landed in the subsequent year.

(3) Exclusions:

(vi) The data should exclude catches made by SPORTS fishermen and for recreational purposes.

(vii) The data should exclude quantities landed by foreign fishing craft in the domestic harbours of the reporting countries.

(viii) The nominal catch data should exclude quantities caught during the preceding calendar year but landed during the calendar year notated in box (g).

(ix) The data should exclude discards ("discarded" catches), i.e. whole fish (not rejected parts of retained fish) returned to the sea.

5.3 Supplementary details and definitions of the various categories of species and of the groups in which these are arranged on the lines under column C, are given in FAO Fisheries Circular No. 277.

6. ADDITIONAL REMARKS ON THE COMPLETION OF FORM

6.1 The quantities reflecting nominal catches should be expressed in terms of metric tons. Where units other than metric tons are used, these should be indicated in brackets and conversion factors for calculating the metric ton equivalent should be provided.

6.2 Quantities too small to be recorded, i.e. negligible quantities less than half the unit used in reporting, should be shown by "0" or "0.0".

6.3 Nil entries should be shown by "—".

6.4 Provisional or preliminary data subject to revision should be indicated by the prefix "H". It might be more convenient for the reporting office to insert the word "preliminary" above the "year" in box (g) if all the figures in the table are preliminary or provisional.

6.5 The aggregate of the data for the various components (sub-areas and divisions) of the Northwest Atlantic must be reconciled, wherever necessary, with the total (for the Northwest Atlantic as a whole), by suitable entries under the column marked "area not known".

NOTES FOR THE COMPLETION OF FORM STATLANT 21B
"NORTHWEST ATLANTIC AREA: CATCH/EFFORT"

Prepared by

The Secretary
Coordinating Working Party on Atlantic Fishery Statistics
FAO Department of Fisheries

FOOD AND AGRICULTURE ORGANIZATION OF THE UNITED NATIONS
Rome, March 1971

WI/B4555

FAO Fisheries Circular (FAO Fish.Circ.)

A vehicle for distribution of short or ephemeral notes, lists, statistical tabulations, etc. including provisional versions of documents to be issued later in other series.

NOTES FOR THE COMPLETION OF FORM STATLANT 21B

"NORTHWEST ATLANTIC: CATCH/EFFORT"

Copies completed with calendar year data for 197

to be submitted to

ICNAF and FAO

before the following deadline:

1. PURPOSE OF THIS FORM

1.1 This STATLANT form is to be used by national offices for reporting each year data on all commercial, industrial and subsistence fishing activities and operations in the Northwest Atlantic to ICNAF and FAO.

1.2 The particulars of the data to be reported separately are as follows:

for each class of fishing unit (gear/craft combinations)

for each ICNAF fishing area (divisions and subdivisions)

— FISHING EFFORT by type, on a calendar year basis

— *Corresponding* NOMINAL CATCHES (live weight equivalent of the landings):
— annual (calendar year) total for every group and species

1.3 For each ICNAF fishing area as many separate forms must be completed as there have been classes of fishing units operating there during the calendar year covered by the data reported.

1.4 Where the national office is not yet in a position to provide fishing effort data, then it should still report for each ICNAF fishing area at least the nominal catch data indicated above, either according to classes of fishing units or according to fishing gear (methods).

2. COMPOSITION OF FORM AND SUBMISSION OF COMPLETED FORMS

2.1 Composition

This STATLANT form consists of three sheets - yellow, blue and white - interleaved with monocarbons. After completion, these sheets are to be distributed as described below in Section 2.2.

In addition to this multi-sheet form, single pages (printed in red on heavy white paper) are also provided, to be used for drafting purposes by the national offices. These drafting worksheets are to be retained in the national offices.

2.2 Submission of the completed STATLANT forms

After completion each of these multi-sheet STATLANT forms is to be distributed before the deadline as follows:

yellow copy: to be airmailed directly to:

The Executive Secretary
International Commission for the Northwest
Atlantic Fisheries (ICNAF)
c/o Bedford Institute
P.O. Box 638
Dartmouth
Nova Scotia, Canada

blue copy: to be airmailed directly to:

The Secretary
Coordinating Working Party on Atlantic
Fishery Statistics (CWP)
c/o Fishery Statistics and Economic
Data Branch
Department of Fisheries
FAO,
00100 ROME, Italy

white copy: to be retained for reference in the national reporting office.

3. COMPLETION OF BOXES (a) THROUGH (d)

3.1 General: Classes of fishing units

The information to be inserted in boxes (a), (b) and (c) describes the "class of fishing units" to which (1) the effort data and (2) the nominal catch data refer.

Each "class of fishing units" is defined in terms of:

Primarily: (a) the fishing gear (method) used; and

Secondarily: (b) the size category.

For more details about defining "classes of fishing units" see FAO Fisheries Circular No. 248, Rev. 1.

3.2 Box (a): Fishing gear

Insert whichever of the following is pertinent to describe the class of fishing unit:

1. Otter trawls
   - 1.1 Side trawls
   - 1.2 Stern trawls
2. Pair trawls
3. Beam trawls
4. Danish seines
5. Purse seines, ring nets, etc. 1/
6. Beach seines
7. Drift gill nets
8. Set gill nets
9. Fixed gear 1/
10. Long-lines
11. Hand-lines
12. Dory-type gear
13. Other lines
14. Dredges 1/
15. Harpoons
16. Other gear 1/
17. Gear that cannot be specified

1/ To be specified where necessary

3.3 Box (b)

To be left blank.

3.4 Box (c): Size category

Insert whichever of the following is pertinent to describe the class of fishing unit:

1. 50 GRT and less
2. 51 - 150 GRT
3. 151 - 500 GRT
4. 501 - 900 GRT
5. 901 - 1800 GRT
6. Over 1800 GRT

3.5 Box (d): Main species sought

Insert the name of the main species sought. This is defined as the species towards which the fishing effort was mainly directed, as determined by the manner or method of fishing. In many cases this is one species. The word "mixed" should be inserted when two or more species are sought. The word "unknown" should be inserted when the main species cannot be determined.

4. COMPLETION OF BOXES (e) THROUGH (i)

4.1 Box (e): Fishing area

Insert the designation (number and alphabetic letter) of the respective ICNAF division and subdivision within the Northwest Atlantic to indicate where the catches were made. For details see Fisheries Circular No. 235.

4.2 Box (f): Reporting country

Insert the name of the reporting country or territory.

4.3 Box (g): Year

Insert the calendar year notation to indicate the twelve-month period: 1 January - 31 December.

4.4 Box (h): Numbering

To be used for numbering the form as part of a series of forms completed in respect of each ICNAF division and subdivision.

4.5 Box (i): Title

To be used to indicate the title of the STATLANT form: "Northwest Atlantic Area: Catch/Effort".

5. COMPLETION OF LINES (1) THROUGH (7): FISHING EFFORT

5.1 For detailed standard definitions of the various types of effort, as specified in lines 1 - 4 under column C, see FAO Fisheries Circular No. 248, Rev. 1.

In a separate memorandum indicate the extent to which the effort data provided on the form comply or deviate from these detailed standard definitions.

5.2 According to the priorities indicated below in Section 5.3, insert on lines (1) through (4) the data, relating to the appropriate types of fishing effort, on an annual basis under column Q, and on a monthly basis under column D through P.

5.3 In giving data on fishing time effort measures, lines (1), (3) and (4) should all be completed. If data to complete (1) cannot be obtained, line (2) should be completed.

5.4 In line 7 should be indicated the extent to which effort data inserted in lines 1 - 4 were not recorded but were obtained by sampling; insert "none" if the data were 100 per cent recorded.

6. COMPLETION OF LINES (8) THROUGH (77): NOMINAL CATCHES

6.1 According to the species (and the groups in which they are arranged) listed on the lines under column C, insert on lines (8) through (77) the nominal catch data, expressed in metric tons, on an annual basis (calendar year) under column Q, and on a monthly basis under columns D through P.

6.2 The following are to be taken into account when determining the coverage of the concept "nominal catches" and its relationship to "landings".

(1) Adjustments:

(i) Conversion factors (yield rates) are to be used to convert quantities recorded on a landed weight basis to the live weight equivalent (see FAO Fisheries Circular No. 260).

(ii) The "nominal catch" data refer to the calendar year of capture and the landings data to the calendar year of landing. Sometimes adjustments are necessary when catches made in one year are landed in the succeeding year (see FAO Fisheries Circular No. 260).

(2) Inclusions:

(iii) The data should include all quantities caught and landed for any commercial, industrial or subsistence purpose.

(iv) The data should include all quantities caught and eventually landed by units of the domestic fleet of the reporting country not only in the domestic harbours of the reporting country, but also in foreign harbours.

(v) The nominal catch data should include those quantities caught during the calendar year notated in box (g) although landed in the subsequent year.

(3) Exclusions:

(vi) The data should exclude catches made by SPORTS fishermen and for recreational purposes.

(vii) The data should exclude quantities landed by foreign fishing craft in the domestic harbours of the reporting countries.

(viii) The nominal catch data should exclude quantities caught during the preceding calendar year but landed during the calendar year notated in box (g).

(ix) The data should exclude discards ("discarded" catches), i.e. whole fish (not rejected parts of retained fish) returned to the sea.

6.3 Supplementary details and definitions of the various categories of species and of the groups in which these are arranged on the lines under column C, are given in FAO Fisheries Circular No. 277.

6.4 Details on annual and monthly nominal catch data: species and groups

6.4.1 As first priority insert annual and monthly data on the lines for:

(a) *GRAND TOTAL* (aggregate of items (b) through (l)

(b) *Halibut*

(c) *Flounders, other*

(d) *Cod*

(e) *Haddock*

(f) *Silver hake*

(g) *Redfishes*

(h) *Herring*

(i) *Other groundfish* (ICNAF's "OG" species i.e. ALL groundfish species, except "Halibut", "Flounders, other", "Cod", "Haddock", "Silver hake", and "Redfishes")

(j) *Other pelagic fish* (ICNAF's "PF" species i.e. ALL pelagic fish, except "Herring")

(k) *Other fish* (ICNAF's "OF" species i.e. ALL species not classified as pelagic or demersal)

(l) *Shellfish, etc.* (ICNAF's "SF" species i.e. ALL species covered by (i) crustaceans, (ii) molluscs, (iii) miscellaneous aquatic animals, (iv) miscellaneous aquatic animal products, and (v) aquatic plants)

6.4.2 Several lines (without descriptive stubs under Column C) have on purpose been left blank for the national office to insert the names and the catch data for any identifiable species which are included in the aggregated figures for:

(c) *other flounders*

(i) *other groundfish*

(j) *other pelagic fish*

(k) *other fish*

(l) *shellfish, etc.*

These identifiable species should be listed on the blank lines under the FAO species groups to which they belong. The balance of unidentifiable species should be shown under the FAO species groups "Miscellaneous marine fishes" which is subdivided into:

"groundfish species, unidentified"

"pelagic species, unidentified"

"other species, unidentified"

7. ADDITIONAL REMARKS ON THE COMPLETION OF FORM

7.1 The quantities reflecting nominal catches should be expressed in terms of metric tons. Where units other than metric tons are used, these should be indicated in brackets and conversion factors for calculating the metric ton equivalent should be provided.

7.2 Quantities too small to be recorded, i.e. negligible quantities less than half the unit used in reporting, should be shown by "0" or "0.0".

7.3 Nil entries should be shown by "—".

7.4 Provisional or preliminary data subject to revision should be indicated by the prefix "H". It might be more convenient for the reporting office to insert the word "preliminary" above the year in box (g) if all the figures in the table are preliminary or provisional.

7.5 The aggregates of the monthly data (inserted on any of the lines under the twelve columns D through O) must be reconciled, wherever necessary, with the annual total (inserted under column Q) by suitable entries for the balances under column P ("month not known").

FAO Fisheries Circular No. 277
(Distribution restricted)

FIES/C277
Statistical standards

NORTHWEST AND NORTHEAST ATLANTIC: CLASSIFICATION OF AQUATIC ANIMALS AND PLANTS FOR STATISTICAL PURPOSES

Prepared by

The Secretary
Coordinating Working Party on Atlantic Fishery Statistics
FAO Department of Fisheries

ATLANTIQUE NORD-OUEST ET NORD-EST: CLASSIFICATION DES ANIMAUX ET PLANTES AQUATIQUES À FINS STATISTIQUES

Document préparé par

Le Secrétaire
Groupe de travail de coordination des statistiques
des pêches de l'Atlantique
Département des pêches de la FAO

ATLANTICO NOROESTE Y NORDESTE: CLASIFICACION DE LOS ANIMALES Y PLANTAS ACUATICOS PARA ESTADISTICAS PESQUERAS

Preparada por

El Secretario del
Grupo Coordinador de Trabajo sobre Estadísticas de Pesca
en el Atlántico
Departamento de Pesca de la FAO

FOOD AND AGRICULTURE ORGANIZATION OF THE UNITED NATIONS
Rome, March 1971

ORGANISATION DES NATIONS UNIES POUR L'ALIMENTATION ET L'AGRICULTURE
Rome, mars 1971

ORGANIZACION DE LAS NACIONES UNIDAS PARA LA AGRICULTURA Y LA ALIMENTACION
Roma, marzo de 1971

WI/B5329

FAO Fisheries Circular (FAO Fish.Circ.)

A vehicle for distribution of short or ephemeral notes, lists, statistical tabulations, etc. including provisional versions of documents to be issued later in other series.

PREPARATION OF THIS CIRCULAR

1. This Fisheries Circular has been prepared to present:

   (a) the statistical categories (at the item level) for which data are available and published in either FAO, ICNAF and ICES statistical publications.

   (b) descriptions of the species coverage of the various FAO, ICES, ICNAF statistical items, indicating the one or more species included.

2. The material shown in this list is arranged according to the "Divisions" and "Groups" of the International Standard Statistical Classification of Aquatic Animals and Plants (ISSCAAP). The items within each "Group" are arranged in taxonomic order.

3. The publications providing the basis for this work are listed on page 9.

4. Standard footnotes:

   ...B French equivalent not ascertainable;

   ...C Spanish equivalent not ascertainable;

   a/ For this item statistics are presented separately in FAO publications, but are not published separately in the ICNAF Statistical Bulletin.

   b/ For this item statistics are presented separately in FAO publications, but are not published separately in the ICES Bulletin Statistique.

I - FAO: STATISTICAL CATEGORY AT ITEM LEVEL			II - ICNAF: STATISTICAL CATEGORY AT ITEM LEVEL					III - ICES: STATISTICAL CATEGORY AT ITEM LEVEL			
I(i)	I(ii)	I (iii)	II (i)	II (ii)	II (iii)	II (iv)	II (v)	III (i)	III (ii)	III (iii)	III (iv)
Provisional ICNAF/ICES reference number (Consisting of ISSCAAP Group No. and Capital alphabetic letter)	*Taxonomic code* 1/ FAO common name in English 3/ *Scientific name*	OECD number 2/ FAO common name in French 3/ "FAO common name in Spanish" 3/	*Taxonomic code* pertaining to the entries listed in sub-column II(ii)	*Scientific name*	ICNAF Group	ICNAF Number	ICNAF Species Item	*Taxonomic code* pertaining to the entries listed in sub-column II(ii)	*Scientific name*	ICES Number	ICES Species Item

1/ Taxonomic code used by FAO in (a) the Current Bibliography for Aquatic Sciences and Fisheries (Vol. 3, Part.1, issued in 1960) and (b) FAO Fish.tech.Pap., Current Bibliography for Aquatic Sciences and Fisheries. Taxonomic classification. Alphabetic key to 8 digit code.

The following example illustrates in general terms the meaning of the various digits of the taxonomic code:

Main Groupings	Order or Sub-order	Family	Genus	Species
1,	*21*	*(05)*	*012,*	*04*

Where the codes are not yet complete, question marks ("?") indicate the position of missing digits.

2/ Number (in parentheses) assigned to item, if any, appearing in OECD's *Multilingual Dictionary of Fish and Fish Products.*

3/ Where English, French and Spanish species names appear in the singular form, only one species, is included in that statistical item or category. The inclusion of more than one species is indicated by giving the English, French and Spanish names in the plural form.

INTERNATIONAL STANDARD STATISTICAL CLASSIFICATION OF AQUATIC ANIMALS AND PLANTS

DIVISION 1 *FRESHWATER FISHES*

Group
11 Carps, barbels and other cyprinids
12 Tilapias and other cichlids
13 Miscellaneous freshwater fishes

DIVISION 2 *DIADROMOUS FISHES*

Group
21 Sturgeons, paddlefishes
22 River eels
23 Salmons, trouts, smelts, etc.
24 Shads, milkfishes, etc.
25 Miscellaneous diadromous fishes

DIVISION 3 *MARINE FISHES*

Group
31 Flounders, halibuts, soles, etc.
32 Cods, hakes, haddocks, etc.
33 Redfishes, basses, congers, etc.
34 Jacks, mullets, sauries, etc.
35 Herrings, sardines, anchovies, etc.
36 Tunas, bonitos, billfishes, etc.
37 Mackerels, snooks, cutlassfishes, etc.
38 Sharks, rays, chimaeras, etc.
39 Miscellaneous marine fishes

DIVISION 4 *CRUSTACEANS*

Group
41 Freshwater crustaceans
42 Sea-spiders, crabs, etc.
43 Lobsters, spiny-rock lobsters, etc.
44 Squat-lobsters, nephrops, etc.
45 Shrimps, prawns, etc.
46 Krill, planktonic crustaceans, etc.
47 Miscellaneous marine crustaceans

DIVISION 5 *MOLLUSCS*

Group
51 Freshwater molluscs
52 Abalones, winkles, conchs, etc.
53 Oysters
54 Mussels
55 Scallops, pectens, etc.
56 Clams, cockles, arkshells, etc.
57 Squids, cuttlefishes, octopuses, etc.
58 Miscellaneous marine molluscs

DIVISION 6 *WHALES, SEALS AND OTHER AQUATIC MAMMALS*

Group
61 Blue-whales, fin-whales, sperm-whales, etc.
62 Minke-whales, pilot-whales, etc.
63 Porpoises, dolphins, etc.
64 Eared seals, hair-seals, walruses, etc.
65 Miscellaneous aquatic mammals

DIVISION 7 *MISCELLANEOUS AQUATIC ANIMALS*

Group
71 Frogs and other amphibians
72 Turtles and other reptiles
73 Sea-squirts and other tunicates
74 Horseshoe crabs and other arachnoids
75 Sea-urchins, sea-cucumbers and other echinoderms
76 Miscellaneous aquatic invertebrates

DIVISION 8 *MISCELLANEOUS AQUATIC ANIMAL PRODUCTS*

Group
81 Pearls, mother-of-pearl, shells, etc.
82 Corals
83 Sponges
84 Aquatic bird guano, eggs, etc.

DIVISION 9 *AQUATIC PLANTS*

Group
91 Brown seaweeds
92 Red seaweeds
93 Green seaweeds and other algae
94 Miscellaneous aquatic plants

PREPARATION DE CETTE CIRCULAIRE

1. Cette circulaire sur les pêches a été préparée de manière à présenter:

   (a) les catégories statistiques (au niveau de la rubrique) pour lesquelles des données sont disponibles et publiées dans les publications statistiques de la FAO, de la CIPAN et du CIEM.

   (b) des descriptions de la portée spécifique des diverses rubriques statistiques de la FAO, du CIEM et de la CIPAN, indiquant l'espèce ou les espèces comprises.

2. Les éléments figurant dans cette liste sont disposés conformément aux "Divisions" et aux "Groupes" de la Classification statistique internationale type des animaux et plantes aquatiques (CSITAPA). Au sein de chaque "Groupe", les rubriques sont disposés selon l'ordre taxonomique.

3. Les publications que ont servi de base à ce travail sont données à la page 9.

4. Notes types:

   ...B l'equivalent français n'est pas connu;

   ...C L'équivalent espagnol n'est pas connu;

   a/ Les statistiques relatives à cette rubrique sont données séparément dans les publications de la FAO, mais ne figurent pas séparément dans le "Statistical Bulletin" de la CIPAN.

   b/ Les statistiques relatives à cette rubrique sont données séparément dans les publications de la FAO, mais ne figurent pas séparément dans le "Bulletin Statistique" du CIEM.

I - FAO: CATÉGORIES STATISTIQUES AU NIVEAU DE LA RUBRIQUE			II - CIPAN: CATÉGORIES STATISTIQUES AU NIVEAU DE LA RUBRIQUE					III - CIEM: CATÉGORIES STATISTIQUES AU NIVEAU DE LA RUBRIQUE			
I(i)	I(ii)	I (iii)	II (i)	II (ii)	II (iii)	II (iv)	II (v)	III (i)	III (ii)	III (iii)	III (iv)
Numéro de code provisoire de la CIPAN et du CIEM (formé du numéro de Groupe de la CSITAPA et d'une majuscule de l'alphabet)	*Code taxonomique* 1/ Nom vulgaire anglais (FAO) 3/ *Nom scientifique*	Numéro utilisé par l'OCDE 2/ Nom vulgaire français (FAO) 3/ "Nom vulgaire espagnol (FAO)" 3/	*Code taxonomique* se rapportant aux entrées portées dans la sous-colonne II(ii)	*Nom scientifique*	Groupe CIPAN	Numéro CIPAN	Espèces CIPAN	*Code taxonomique* se rapportant aux entrées portées dans la sous-colonne II(ii)	*Nom scientifique*	Numéro CIEM	Espèces CIEM

1/ Code taxonomique utilisé par la FAO dans (a)"The Current Bibliography for Aquatic Sciences and Fisheries"(Vol. 3, Part 1, publié en 1960) et (b) FAO Fish.tech.Pap., (12) Rev.1"Current Bibliography for Aquatic Sciences and Fisheries". Classification taxonomique. Clé alphabétique pour le code à 8 chiffres.

Les exemples suivants illustrent de façon générale la signification des divers chiffres du code taxonomique:

Groupes principaux	Ordre ou sous-ordre	Famille	Genre	Espèce
1,	*21*	*(05)*	*012,*	*04*

Lorsque les codes ne sont pas encore complets, des points d'interrogation ("?") indiquent la position des chiffres manquants.

2/ Numéro utilisé par l'OCDE dans la publication *Dictionnaire multilingue des poissons et produits de la pêche*, OCDE, Paris, 1966 (entre parenthèses).

3/ Les catégories statistiques ne comprennent qu'une seule espèce lorsque les noms d'espèces anglais, français et espagnol sont au singulier. Elles comprennent plusieurs espèces lorsque ces noms sont au pluriel.

CLASSIFICATION STATISTIQUE INTERNATIONALE TYPE DES ANIMAUX ET PLANTES AQUATIQUES

DIVISION 1 *POISSONS D'EAU DOUCE*

Groupe
- 11 Carpes, barbeaux et autres cyprinidés
- 12 Tilapias et autres cichlidés
- 13 Poissons d'eau douce divers

DIVISION 2 *POISSONS DIADROMES*

Groupe
- 21 Esturgeons, spatules
- 22 Anguilles
- 23 Saumons, truites, éperlans, etc.
- 24 Aloses, chanidés, etc.
- 25 Poissons diadromes divers

DIVISION 3 *POISSONS MARINS*

Groupe
- 31 Flets, flétans, soles, etc.
- 32 Morues, merlus, églefins, etc.
- 33 Rascasses, perches de mer, congres, etc.
- 34 Chinchards, mulets, balaous, etc.
- 35 Harengs, sardines, anchois, etc.
- 36 Thons, pélamides, marlins, etc.
- 37 Maquereaux, thyrsites, trichiures, etc.
- 38 Squales, raies, chimères
- 39 Poissons marins divers

DIVISION 4 *CRUSTACÉS*

Groupe
- 41 Crustacés d'eau douce
- 42 Araignées de mer, crabes, etc.
- 43 Homards, langoustes. etc.
- 44 Galathées, langoustines, etc.
- 45 Crevettes, etc.
- 46 Krill, crustacés planctoniques, etc.
- 47 Crustacés marins divers

DIVISION 5 *MOLLUSQUES*

Groupe
- 51 Mollusques d'eau douce
- 52 Ormeaux, bigorneaux, strombes, etc.
- 53 Huîtres
- 54 Moules
- 55 Coquilles St. Jacques
- 56 Clams, coques, arches, etc.
- 57 Encornets, seiches, poulpes, etc.
- 58 Mollusques marins divers

DIVISION 6 *BALEINES, PHOQUES ET AUTRES MAMMIFÈRES AQUATIQUES*

Groupe
- 61 Baleines bleues, rorquals communs, cachalots, etc.
- 62 Petits rorquals, globicéphales, etc.
- 63 Marsouins, dauphins, etc.
- 64 Otaries, phoques, morses, etc.
- 65 Mammifères aquatiques divers

DIVISION 7 *ANIMAUX AQUATIQUES DIVERS*

Groupe
- 71 Grenouilles et autres amphibies
- 72 Tortues et autres reptiles
- 73 Ascidiens et autres tuniciers
- 74 Limules et autres arachnoïdés
- 75 Oursins, bêches-de-mer et autres échinodermes
- 76 Invertébrés aquatiques divers

DIVISION 8 *PRODUITS DIVERS D'ANIMAUX AQUATIQUES*

Groupe
- 81 Perles, nacres, coquilles, etc.
- 82 Coraux
- 83 Eponges
- 84 Guano et oeufs d'oiseaux aquatiques, etc.

DIVISION 9 *PLANTES AQUATIQUES*

Groupe
- 91 Algues brunes
- 92 Algues rouges
- 93 Algues vertes et autres algues
- 94 Plantes aquatiques diverses

PREPARACION DE ESTA CIRCULAR

1. El objecto de esta Circular de Pesca es presentar:

   (a) las categorías estadísticas (por partidas) sobre las que se dispone de datos publicados en las publicaciones estadísticas de la FAO, de la CIPAN y del CIEM.

   (b) las descripciones de las especies incluidas en las diversas partidas estadísticas, de la FAO, del CIEM, y de la CIPAN, indicando la especie o especies que incluyen.

2. El material que aparece en esta lista ha sido ordenado de acuerdo con las "Divisiones" y "Grupos de la Clasificación Estadística Internacional Uniforme de los Animales y Plantas Acuáticos (CEIUAPA). Dentro de cada "Grupo" las partidas están dispuestas por orden taxonómico.

3. Las publicaciones que han servido de base para este trabajo están mencionadas en la página 9.

4. Notas uniformes:

   ...B Se desconoce el nombre equivalente en francés;

   ...C Se desconoce el nombre equivalente español;

   a/ Estas partidas que se presentan por separado en las estadísticas de la FAO, no están publicadas por separado en el "Statistical Bulletin" de la CIPAN.

   b/ Estas partidas que se presentan por separado en las estadísticas de la FAO, no están publicadas por separado en el "Bulletin Statistique" del CIEM.

I - FAO: CATEGORIAS ESTADISTICAS POR PARTIDAS			II - CIPAN: CATEGORIAS ESTADISTICAS POR PARTIDAS					III - CIEM: CATEGORIAS ESTADISTICAS POR PARTIDAS			
I(i)	I(ii)	I (iii)	II (i)	II (ii)	II (iii)	II (iv)	II (v)	III (i)	III (ii)	III (iii)	III (iv)
Número provisional de referencia de la CIPAN y del CIEM (compuesto por el número de Grupo de la CEIUAPA y una letra mayúscula)	*Código taxonómico* 1/ Nombre vulgar en inglés(FAO) 3/ *Nombre científico*	Número de la OCDE 2/ Nombre vulgar en francés(FAO) 3/ "Nombre vulgar en español(FAO)" 3/	*Código taxonómico* correspondiente a las especies enumeradas en la subcolonna II(ii)	*Nombre científico*	Grupo CIPAN	Número CIPAN	Especies CIPAN	*Código taxonómico* correspondiente a las especies enumeradas en la subcolonna II(ii)	*Nombre científico*	Número CIEM	Especies CIEM

/ Código taxonómico utilisado por la FAO en (a) la "Current Bibliography for Aquatic Sciences and Fisheries" (Vol.3, Parte 1, publicada en 1960) y (b) FAO Fish.tech.Pap., (12) Rev.1 "Current Bibliography for Aquatic Sciences and Fisheries". Clasificación taxonómica. Clave alfabética de la clasificación por 8 cifras.

El ejemplo siguiente ilustra, en términos generales, el significado de los distintos dígitos del código taxonómico:

Agrupaciones principales	Orden o suborden	Familia	Género	Especie
1,	*21*	*(05)*	*012,*	*04*

Cuando no se han completado todavía los códigos, el signo ("?") indica la posición de los dígitos que faltan.

/ Numero de la partida (entre paréntesis), cuando aparece en el *Multilingual Dictionary of Fish and Fish Products* de la OCDE, París, 1966.

/ Cuando los nombres de las especies, en inglés, francés y español, están en singular, la respectiva categoría, o partida estadística, comprende una sola especie y, cuando están en plural, varias.

CLASIFICACION ESTADISTICA INTERNACIONAL UNIFORME DE LOS ANIMALES Y PLANTAS ACUATICOS

DIVISION 1 *PECES DE AGUA DULCE*

Grupo
- 11 Carpas, barbos y otros ciprínidos
- 12 Tilapias y otros cíclidos
- 13 Diversos peces de agua dulce

DIVISION 2 *PECES DIADROMOS*

Grupo
- 21 Esturiones, sollos
- 22 Anguilas
- 23 Salmones, truchas, eperlanos, etc.
- 24 Sábalos, sabalotes, etc.
- 25 Diversos peces diadromos

DIVISION 3 *PECES MARINOS*

Grupo
- 31 Acedías, hipoglosos, lenguados, etc.
- 32 Bacalaos, merluzas, eglefinos, etc.
- 33 Gallinetas, lubinas, congrios, etc.
- 34 Jureles, lisas, papardas, etc.
- 35 Arenques, sardinas, anchoas, etc.
- 36 Atunes, bonitos, peces-aguja, etc.
- 37 Caballas, sierras, peces-sable, etc.
- 38 Tiburones, rayas, quimeras
- 39 Diversos peces marinos

DIVISION 4 *CRUSTACEOS*

Grupo
- 41 Crustáceos de agua dulce
- 42 Arañas de mar, cangrejos, etc.
- 43 Bogavantes, langostas, etc.
- 44 Galateas, cigalas, etc.
- 45 Gambas, camarones, etc.
- 46 "Krill", crustáceos planctónicos, etc.
- 47 Diversos crustáceos marinos

DIVISION 5 *MOLUSCOS*

Grupo
- 51 Moluscos de agua dulce
- 52 Orejas de mar, bígaros, estrombos, etc.
- 53 Ostras
- 54 Mejillones
- 55 Vieiras
- 56 Almejas, berberechos, arcas, etc.
- 57 Calamares, jibias, pulpos, etc.
- 58 Diversos moluscos marinos

DIVISION 6 *BALLENAS, FOCAS Y OTROS MAMIFEROS ACUATICOS*

Grupo
- 61 Ballenas azules, ballenas de aleta, cachalotes, etc.
- 62 Ballenas pequeñas, calderones, etc.
- 63 Marsopas, delfines, etc.
- 64 Otaris, focas, morsas, etc.
- 65 Diversos mamíferos acuáticos

DIVISION 7 *ANIMALES ACUATICOS DIVERSOS*

Grupo
- 71 Ranas y otros anfibios
- 72 Tortugas y otros reptiles
- 73 Ascidias y otros tunicados
- 74 Límulos y otros arácnidos
- 75 Erizos de mar, cohombros de mar y otros equinodermos
- 76 Diversos invertebrados acuáticos

DIVISION 8 *DIVERSOS PRODUCTOS DE ANIMALES ACUATICOS*

Grupo
- 81 Perlas, madreperlas, conchas, etc.
- 82 Corales
- 83 Esponjas
- 84 Guano y huevos de aves acuáticas, etc.

DIVISION 9 *PLANTAS ACUATICAS*

Grupo
- 91 Algas pardas
- 92 Algas rojas
- 93 Algas verdes y otras algas
- 94 Diversas plantas acuáticas

SOURCES

1) ICNAF
RedBk int.Commn NW.Atlant.Fish.,1970(70,Part 1)

2) ICNAF
Statist.Bull.int.Commn NW.Atlant.fish.,18

3) ICES
Rapp.P.-v. Reun.perm.int.Explor.Mer.,(51)

4) ICES
Bull.statist.pêch.marit.,Copenh.,53

5) ICES
EXTRAIT Vol.49
List of Names of Fish and Shellfish and Chart of ICES and ICNAF Fishing Areas

6) FAO (1966)
FAO Fish.Circ.,(79)
North Atlantic Species Names

7) FAO (1966)
FAO Fish.Circ.,(99)
Draft version of FAO Bulletin of Fishery Statistics subtitled "North Atlantic Species Names"

8) FAO (1968)
FAO Fish.Circ.,(207)
Definition of teleost and cartilaginous fish species and their groupings as listed in Column C of form STANA 1E

9) FAO (1968)
FAO Fish.Circ.,(208)
Northwest Atlantic species names

10) FAO (1968)
FAO Fish.Circ.,(213)
Progress Report of North Atlantic species names
Their coding, grouping and rearrangement for statistical purposes

11) FAO (1968)
FAO Fish.Circ.,(232)
Proposal for the revision of the International Standard Statistical Classification of Aquatic Animals and Plants (ISSCAAP)

12) FAO (1970)
FAO Fish.Circ.,(249)
International Standard Statistical Classification of Aquatic Animals and Plants (ISSCAAP)
9 Divisions and 51 groups of species; revised version, 23 February 1970

Freshwater fishes

Poissons d'eau douce

Peces de agua dulce

11: CARPS, BARBELS AND OTHER CYPRINIDS - CARPES, BARBEAUX ET AUTRES CYPRINIDÉS - CARPAS, BARBOS Y OTROS CIPRINIDOS

	I - FAO		II - ICNAF					III - ICES			
I(i)	I(ii)	I(iii)	II(i)	II(ii)	II (iii)	II (iv)	II(v)	III (i)	III(ii)	III (iii)	III (iv)
11A	*1,40(02)001* Freshwater breams *Abramis* spp.	(143) Brèmes d'eau douce ...C	---	---	--	--	---	*1,40(02)001*	*Abramis* spp.	b/--	---
11B	*1,40(02)002,01* Carp *Cyprinus carpio*	(175a) Carpe "Carpa"	---	---	--	--	---	*1,40(02)002,01*	*Cyprinus carpio*	b/--	---
11C	*1,40(02)018* Roaches *Rutilus* spp.	(779) Gardons "Bermejuelas"	---	---	--	--	---	*1,40(02)018*	*Rutilus* spp.	b/--	---
11D	*1,40(02)* Cyprinids, n.e.i. Cyprinidae	... Cyprinidés n.c.a. "Ciprínidos, n.e.p."	---	---	--	--	---	*1,40(02)*	Cyprinidae	b/--	---

Diadromous fishes

Poissons diadromes

Peces diadromos

21: STURGEONS, PADDLEFISHES - ESTURGEONS, SPATULES - ESTURIONES, SOLLOS

I - FAO			II - ICNAF					III - ICES			
I(i)	I(ii)	I(iii)	I(i)	II(ii)	II (iii)	II (iv)	II(v)	III (i)	III(ii)	III (iii)	III (iv)
21A	*1,17(01)0001+005* Sturgeons *Acipenser* spp.	(985) Esturgeons "Esturiones	*1,17(01)001*	*Acipenser* spp.	OF	4	Sturgeons	***1,17(01)001,01***	***Acipenser sturio***	1	**Sturgeon**

22: RIVER EELS - ANGUILLES - ANGUILAS

I - FAO			II - ICNAF					III - ICES			
I(i)	I(ii)	I(iii)	II(i)	II(ii)	II (iii)	II (iv)	II(v)	III (i)	III(ii)	III (iii)	III (iv)
22A	*1,43(02)002,01* European eel *Anguilla anguilla*	(305) Anguille européenne "Anguila europea"	---	---	--	--	---	*1,43(02)002,01*	*Anguilla anguilla*	2	Eel
22B	*1,43(02)002,06* American eel *Anguilla rostrata*	(14) Anguille américaine "Anguila americana"	*1,43(02)002,06*	*Anguilla rostrata*	OF	5	Eel	---	---	--	---

23: SALMONS, TROUTS, SMELTS, ETC. - SAUMONS, TRUITES, EPERLANS, ETC. - SALMONES, TRUCHAS, EPERLANOS, ETC.

I - FAO			II - ICNAF					III - ICES			
I(i)	I(ii)	I(iii)	II(i)	II(ii)	II (iii)	II (iv)	II(v)	III (i)	III(ii)	III (iii)	III (iv)
23A	*1,23(01)001,01* Vendace *Coregonus albula*	(1058) Corégone blanc ...D	---	---	--	--	---	*1,23(01)001,01*	*Coregonus albula*	b/--	---
23B	*1,23(01)001* Whitefishes n.e.i. *Coregonus* spp.	(1079) Divers corégones "Otros coregonos"	---	---	--	--	---	*1,23(01)001*	*Coregonus* spp.	b/--	---
23C	*1,23(01)004,01* Atlantic salmon *Salmo salar*	(46) Saumon de l'Atlantique "Salmón del Atlantico"	*1,23(01)004,01*	*Salmo salar*	OF	12	Salmon	*1,23(01)004,01*	*Salmo salar*	3	Salmon
23D	*1,23(01)004,02* Sea trout *Salmo trutta*	(859) Truite de mer "Trucha"	---	---	--	--	---	*1,23(01)004,02*	*Salmo trutta*	4	Sea trout
23E	*1,23(01)004* Trouts *Salmo* spp.	(1044) Truites "Truchas"	*1,23(01)004*	*Salmo* spp.	--	a/--	---	*1,23(01)004*	*Salmo* spp.	b/--	---
23F	*1,23(01)010* Chars *Salvelinus* spp.	(182) Ombles "Salvelinos"	*1,23(01)010*	*Salvelinus* spp.	OF	13	Trouts (Chars)	*1,23(01)010,05*	*Salvelinus alpinus*	5	Arctic char
23G	*1,23(04)002,01* Capelin *Mallotus villosus*	(170) Capelan "Capelan"	*1,23(04)002,01*	*Mallotus villosus*	OF	15	Capelin	*1,23(04)002,01*	*Mallotus villosus*	7	Capelin
23H	*1,23(04)003,01+03* European and American smelts *Osmerus eperlanus, O. mordax*	(911 a,c) Eperlans "Eperlanos"	*1,23(04)003,03*	*Osmerus mordax*	OF	14	Smelt	*1,23(04)003,01*	*Osmerus eperlanus*	6	Smelt
23I	*1,23(05)015,01+02* Atlantic argentines (= Silver smelts) *Argentina silus, A. sphyraena*	(37) Argentines de l'Atlantique "Argentines del Atlántico"	*1,23(05)015*	*Argentina* spp.	OF	43	Argentines (=Silver smelts)	*1,23(05)015*	*Argentina* spp.	8	Silver smelts
23J	*1,23* Salmonoids n.e.i. Salmonoidei	... Salmonoides n.c.a. "Salmónidos n.e.p."	---	---	--	--	---	*1,23*	Salmonoidei	--	Various salmonoids

24: SHADS, MILKFISHES, ETC. - ALOSES, CHANIDÉS, ETC. - SABALOS, SABALOTES, ETC.

I - FAO			II - ICNAF					III - ICES			
I(i)	I(ii)	I(iii)	II(i)	II(ii)	II (iii)	II (iv)	II(v)	III (i)	III(ii)	III (iii)	III (iv)
24A	*1,21(05)011,03* American shad *Alosa sapidissima*	(16) Alose americaine "Sábalo américano"	*1,21(05)011,03*	*Alosa sapidissima*	OF	10	Shad	---	---	--	---
24B	*1,21(05)011,04+05* Allis shad and twaite shad *Alosa alosa, A. fallax (=finta)*	(11; 1055) Alose vraie et alose feinte "Sábalo y saboga"	---	---	--	--	---	*1,21(05)011,04* *- -- -- ---,05*	*Alosa alosa* *A. fallax (= finta)*	b/-- b/--	--- ---
24C	*1,21(05)011,06* Alewife *Alosa pseudoharengus*	(9) Gasparot "Pinchagua"	*1,21(05)011,06*	*Alosa pseudoharengus*	OF	9	Alewife	---	---	--	---
24D	*1,21* Miscellaneous diadromous clupeoids Clupeoidei	... Clupéidés diadromes divers "Diversos clupeídos diadromos"	*1,21* *- --(05)011,07* *- --(05)011,08* *- --(05)018,01*	Clupeoidei *Alosa aestivalis* *A. mediocris* *Dorosoma cepedianum*	 OF OF OF	 109 92 91	 Blueback Hickory shad Gizzard shad	--- --- --- ---	--- --- --- ---	-- -- -- --	--- --- --- ---

Marine fishes

Poissons marins

Peces marinos

31: FLOUNDERS, HALIBUTS, SOLES, ETC. - FLETS, FLÉTANS, SOLES, ETC. - ACEDIAS, HIPOGLOSOS, LENGUADOS, ETC.

I - FAO			II - ICNAF					III - ICES			
I(i)	I(ii)	I(iii)	II(i)	II(ii)	II (iii)	II (iv)	II(v)	III (i)	III(ii)	III (iii)	III (iv)
31A	*1,83(01)003,02* Megrim *Lepidorhombus whiffiagonis*	(594) Cardine "Gallo"	---	---	--	--	---	*1,83(01)003,02*	*Lepidorhombus whiffiagonis*	11	Megrim
31B	*1,83(01)006,02* Turbot *Rhombus (=Psetta)maximus*	(1050) Turbot "Rodaballo"	---	---	--	--	---	*1,83(01)006,02*	*Psetta maxima*	9	Turbot
31C	*1,83(01)046,06* Summer flounder *Paralichthys dentatus*	(67) Hirame "Hipogloso"	*1,83(01)046,06*	*Paralichthys dentatus*	F	54	Summer flounder	---	---	--	---
31D	*1,83(01)064,01* Brill *Scophthalmus rhombus*	(144) Barbue "Rémol"	---	---	--	--	---	*1,83(01)064,01*	*Scophthalmus rhombus*	10	Brill
31E	*1,83(02)002,01* Atlantic halibut *Hippoglossus hippoglossus*	(436a) Flétan de l'Atlantique "Hipogloso Atlántico"	*1,83(02)002,01*	*Hippoglossus hippoglossus*	G	48	Halibut	*1,83(02)002,01*	*Hippoglossus hippoglossus*	12	Halibut
31F	*1,83(02)004,05* European plaice *Pleuronectes platessa*	(714a) Plie européenne "Solla europea"	---	---	--	--	---	*1,83(02)004,05*	*Pleuronectes platessa*	15	Plaice
31G	*1,83(02)005,01* Greenland (=Black) halibut *Reinhardtius hippoglossoides*	(411) Flétan noir "Hipogloso negro"	*1,83(02)005,01*	*Reinhardtius hippoglossoides*	F	49	Greenland halibut	*1,83(02)005,01*	*Reinhardtius hippoglossoides*	13	Greenland halibut
31H	*1,83(02)011,02* Witch *Glyptocephalus cynoglossus*	(1101) Plie grise (=cinoglosse) "Falso lenguado"	*1,83(02)011,02*	*Glyptocephalus cynoglossus*	F	50	Witch	*1,83(02)011,02*	*Glyptocephalus cynoglossus*	19	Witch
31I	*1,83(02)014,01* American plaice (=Long rough dab) *Hippoglossoides platessoides*	(18; 571) Balai "Platija americana"	*1,83(02)014,01*	*Hippoglossoides platessoides*	F	52	American plaice	*1,83(02)014,01*	*Hippoglossoides platessoides*	14	Long rough dab
31J	*1,83(02)024,04* Yellowtail flounder *Limanda ferruginea*	(1114) Limande a queue jaune ...C	*1,83(02)024,04*	*Limanda ferruginea*	F	51	Yellowtail flounder	---	---	--	---

31: FLOUNDERS, HALIBUTS, SOLES, ETC. - FEETS, FLÉTANS, SOLES, ETC. - ACEDIAS, HIPOGLOSOS, LENGUADOS, ETC. (concluded)

I - FAO			II - ICNAF					III - ICES			
I(i)	I(ii)	I(iii)	II(i)	II(ii)	II (iii)	II (iv)	II(v)	III (i)	III(ii)	III (iii)	III (iv)
31K	*1,83(02)024,05* Common dab *Limanda limanda*	(258a) Limande "Limanda"	---	---	--	--	---	*1,83(02)024,05*	*Limanda limanda*	16	Dab
31L	*1,83(02)045,04* Lemon sole *Microstomus kitt*	(556) Limande sole "Mendo limón"	---	---	--	--	---	*1,83(02)045,04*	*Microstomus kitt*	18	Lemon sole
31M	*1,83(02)048,02* European flounder *Platichthys flesus*	(360) Flet européen "Platija europea"	---	---	--	--	---	*1,83(02)048,02*	*Platichthys flesus*	17	Flounder
31N	*1,83(02)050,03* Winter flounder *Pseudopleuronectes americanus*	(1099) Plie rouge ...C	*1,83(02)050,03*	*Pseudopleuronectes americanus*	F	53	Winter flounder	---	---	--	---
31O	*1,83(03)007,01* Common sole *Solea solea*	(930a) Sole commune "Lenguado común"	---	---	--	--	---	*1,83(03)007,01*	*Solea solea*	20	Sole
31P	*1,83* Teleostean flatfishes, n.e.i. Pleuronectoidei	... Téléostéens plats n.c.a. "Peces planos n.e.p."	*1,83* *- --(03)020,01*	Pleuronectoidei *Trinectes maculatus*	-- F	-- 83	--- Hogchocker	*1,83*	Pleuronectoidei	--	Various pleuronectiforms

32: CODS, HAKES, HADDOCKS, ETC. - MORUES, MERLUS, EGLEFINS, ETC. - BACALAOS, MERLUZAS, EGLEFINOS, ETC.

I - FAO			II - ICNAF					III - ICES			
I(i)	I(ii)	I(iii)	II(i)	II(ii)	II (iii)	II (iv)	II(v)	III (i)	III(ii)	III (iii)	III (iv)
32A	*1,48(04)001,01* Tusk (= Cusk) *Brosme brosme*	(1053) Brosme "Brosmio"	*1,48(04)001,01*	*Brosme brosme*	OG	47	Cusk(Tusk)	*1,48(04)001,01*	*Brosme brosme*	31	Tusk
32B	*1,48(04)002,02* Atlantic cod *Gadus morhua (= callarias)*	(203a) Morue de l'Atlantique "Bacalao del Atlántico"	*1,48(04)002,02*	*Gadus morhua*	G	39	Cod	*1,48(04)002,02*	*Gadus morhua*	22	Cod
32C	*1,48(04)004,01* European hake *Merluccius merluccius*	(432a) Merlu européen "Merluza europea"	---	---	--	--	---	*1,48(04)004,01*	*Merluccius merluccius*	21	Hake
32D	*1,48(04)004,04* Silver hake *Merluccius bilinearis*	(432c; 898) Merlu argenté "Merluza"	*1,48(04)004,04*	*Merluccius bilinearis*	G	44	Silver hake	---	---	--	---
32E	*1,48(04)005,01* Ling *Molva molva*	(562) Lingue "Maruca"	---	---	--	--	---	*1,48(04)005,01*	*Molva molva*	29	Ling
32F	*1,48(04)005,02* Blue ling *Molva dypterygia (=byrkelange)*	(104) Lingue bleue ...C	---	---	--	--	---	*1,48(04)005,02*	*Molva dypterygia*	30	Blue ling
32G	*1,48(04)006,01* Greater forkbeard *Phycis (=Urophycis) blennioides*	(366a) Mostelle de roche "Brotola de fango"	---	---	--	--	---	*1,48(04)006,01*	*Phycis (=Urophycis) blennioides*	b/--	---
32H	*1,48(04)008,02* Red hake *Urophycis chuss*	(761; 432k) Merluche-écureuil "Locha"	*1,48(04)008,02*	*Urophycis chuss*	OG	46	Red hake	---	---	--	---
32I	*1,48(04)008,03* White hake *Urophycis tenuis*	(4321; 1081) Merluche blanche "Locha"	*1,48(04)008,03*	*Urophycis tenuis*	OG	45	White hake	---	---	--	---
32J	*1,48(04)010,01* Haddock *Melanogrammus (= Gadus) aeglefinus*	(430) Eglefin "Eglefino"	*1,48(04)010,01*	*Melanogrammus aeglefinus*	G	41	Haddock	*1,48(04)010,01*	*Melanogrammus (=Gadus) aeglefinus*	23	Haddock

32: CODS, HAKES, HADDOCKS, ETC. - MORUES, MERLUS, ÉGLEFINS, ETC. - BACALAOS, MERLUZAS, EGLEFINOS, ETC. (concluded)

I - FAO			II - ICNAF					III -ICES			
I(i)	I(ii)	I(iii)	II(i)	II(ii)	II (iii)	II (iv)	II(v)	III (i)	III(ii)	III (iii)	III (iv)
32K	*1,48(04)012,01* Wachna cod *Eleginus (=Gadus) navaga*	(203c; 1062) Morue arctique ...C	---	---	--	--	---	*1,48(04)012,01*	*Eleginus (= Gadus) navaga*	b/--	---
32L	*1,48(04)013,02* Atlantic tomcod *Microgadus tomcod*	(1026a) Poulamon atlantique ...C	*1,48(04)013,02*	*Microgadus tomcod*	OG	40	Tomcod	---	---	--	---
32M	*1,48(04)015,01* Saithe (= Pollock=coalfish) *Pollachius virens*	(802) Lieu noir "Colin (= Palero)"	*1,48(04)015,01*	*Pollachius virens*	OG	42	Pollock (Saithe)	*1,48(04)015,01*	*Pollachius virens*	25	Saithe
32N	*1,48(04)015,02* Pollack *Pollachius (= Gadus) pollachius*	(720) Lieu jaune "Abadejo"	---	---	--	--	---	*1,48(04)015,02*	*Pollachius pollachius*	26	Pollack
32O	*1,48(04)019,01* Polar cod *Boreogadus saida*	(719) Morue polaire (= Saida) ...C	---	---	--	--	---	*1,48(04)019,01*	*Boreogadus saida*	28	Polar cod
32P	*1,48(04)032,01* Norway pout *Trisopterus (= Gadus) esmarkii*	(643) Tacaud Norvègien "Faneca noruega"	---	---	--	--	---	*1,48(04)032,01*	*Trisopterus esmarkii*	27	Norway pout
32Q	*1,48(04)032,02* Pouting (= Bib) *Trisopterus (= Gadus) luscus*	(732) Tacaud "Faneca"	---	---	--	--	---	*1,48(04)032,02*	*Trisopterus (=Gadus) luscus*	b/--	---
32R	*1,48(04)033,01* Poutassou (= Blue whiting) *Micromesistius (= Gadus)poutassou*	(733) Poutassou "Bacaladilla"	---	---	--	--	---	*1,48(04)033,01*	*Micromesistius (=Gadus) poutassou*	b/--	---
32S	*1,48(04)034,01* Whiting *Merlangius (=Gadus) merlangus*	(1093) Merlan "Merlan, plegonero"	---	---	--	--	---	*1,48(04)034,01*	*Merlangius merlangus*	24	Whiting
32T	*1,49(01)001,02* Roundnose grenadier *Macrourus rupestris*	... Grenadier de roche ...C	*1,49(01)001,02*	*Macrourus (=Coryphaenoides) rupestris*	OG	108	Roundnose grenadier	---	---	--	---
32U	*1,48 + 1,49* Gadoids and Macruroids, n.e.i. *Gadiformes, Macruriformes*	... Gadiformes et Macruriformes n.c.a. "Gadoideos y Macruroideos n.e.p."	*1,48* *1,49*	*Gadiformes* *Macruriformes*	--	a/--	---	*1,48* *1,49*	*Gadiformes* *Macruriformes*	b/--	---

33: REDFISHES, BASSES, CONGERS, ETC. - RASCASSES, PERCHES DE MER, CONGRES, ETC. - GALLINETAS, LUBINAS, CONGRIOS, ETC.

I - FAO			II - ICNAF					III - ICES			
I(i)	I(ii)	I(iii)	II(i)	II(ii)	II (iii)	II (iv)	II(v)	III (i)	III(ii)	III (iii)	III (iv)
33A	*1,43(13)001,01* Conger *Conger conger*	(224) Congre "Congrio"	---	---	--	--	---	*1,43(13)001,01*	*Conger conger*	33	Conger eel
33B	*1,62(01)001,01* John Dory *Zeus faber*	(500a) Saint-Pierre "Pez de san Pedro"	---	---	--	--	---	*1,62(01)001,01*	*Zeus faber*	b/--	---
33C	*1,70(02)006,01* Sea-bass *Morone labrax*	(66) Bar commun "Lubina"	---	---	--	--	---	*1,70(02)006,01*	*Roccus (=Dicentrarchus) labrax (=Morone labrax)*	39	Bass
33D	*1,70(02)042,01* Dusky sea perch *Epinephelus guaza (=gigas)*	(289) Mérou "Mero"	---	---	--	--	---	*1,70(02)042,01*	*Epinephelus guaza (=gigas)*	b/--	---
33E	*1,70(02)042,02* White perch *Epinephelus aeneus*	... Mérou blanc "Cherne de Ley"	---	---	--	--	---	*1,70(02)042,02*	*Epinephelus aeneus*	b/--	---
33F	*1,70(02)058* Wreckfishes *Polyprion* spp.	(1104) Cerniers "Chernas"	---	---	--	--	---	*1,70(02)058*	*Polyprion* spp.	b/--	---
33G	*1,70(02)227,02* Striped bass *Roccus saxatilis*	(844f) Bar d'Amérique ...C	*1,70(02)227,02*	*Roccus saxatilis*	OF	23	Striped bass	---	---	--	---
33H	*1,70(02)227,03* White perch *Roccus americanus*	(844h) Perche blanche ...C	*1,70(02)227,03*	*Roccus americanus*	OF	24	White perch	---	---	--	---
33I	*1,20(02)* Sea basses, sea perches Serranidae	(844) Serranidés (=Bars) "Serranidos"	*1,70(02)* *- -- -- 131,01*	Serranidae *Diplectrum formosus*	-- OF	-- 88	--- Sand perch	*1,70(02)* *- -- --*	Serranidae ---	b/-- --	--- ---
33J	*1,70(14)081,02* Black sea bass *Centropristis striatus*	(89) ...B ...C	*1,70(14)081,02*	*Centropristis striatus*	OF	25	Black sea bass	---	---	--	---

33: REDFISHES, BASSES, CONGERS, ETC. - RASCASSES, PERCHES DE MER, CONGRES, ETC. - GALLINETAS, LUBINAS, CONGRIOS, ETC. (continued)

I - FAO			II - ICNAF					III - ICES			
I(i)	I(ii)	I(iii)	II(i)	II(ii)	II (iii)	II (iv)	II(v)	III (i)	III(ii)	III (iii)	III (iv)
33K	*1,70(16)400,02* Tilefish (=Blanquillo) *Lopholatilus chamaeleonticeps*	(1019a) Tile "Blanquillo"	*1,70(16)400,02*	*Lopholatilus chamaeleonticeps*	OG	35	Tilefish	---	---	--	---
33L	*1,70(36)* Grunts (=Grunters) Pomadasyidae	(420) Grondeurs "Roncadores, burros"	*1,70(36)* *- -- -- 020*	Pomadasyidae *Haemulon* spp.	-- OF	-- 80	--- Grunts	*1,70(36)* *- -- --*	Pomadasyidae ---	b/-- --	--- ---
33M	*1,70(37)009,01* Meagre *Sciaena aquila (=Johnius=Argyrosomus regius)*	(591) Maigre "Corbina"	---	---	--	--	---	*1,70(37)009,01*	*Sciaena aquila (=Johnius=Argyrosomus regius)*	b/--	---
33N	*1,70(37)016,09* Spotted weakfish *Cynoscion nebulosus*	(1067b) Sciaenidé "Corbina"	*1,70(37)016,09*	*Cynoscion nebulosus*	OF	97	Spotted weakfish	---	---	--	---
33O	*1,70(37)016,14* Squeteague (Gray weakfish) *Cynoscion regalis*	(1067c) Acoupa royal "Corbina"	*1,70(37)016,14*	*Cynoscion regalis*	OF	27	Squeteague (=Gray weakfish)	---	---	--	---
33P	*1,70(37)038,04* North Atlantic croaker *Micropogon undulatus*	(45) ...B ...C	*1,70(37)038,04*	*Micropogon undulatus*	OF	77	Atlantic croaker	---	---	--	---
33Q	*1,70(37)039,07* King whiting *Menticirrhus saxatilis*	(526c) ...B ...C	*1,70(37)039,07*	*Menticirrhus saxatilis*	OG	28	King whiting	---	---	--	---
33R	*1,70(37)210,02* Black drum *Pogonias cromis*	(86) Grand tambour ...C	*1,70(37)210,02*	*Pogonias cromis*	OF	78	Black drum	---	---	--	---
33S	*1,70(37)363,01* Spot *Leiostomus xanthurus*	(958) ...B ...C	*1,70(37)363,01*	*Leiostomus xanthurus*	OF	95	Spot	---	---	--	---
33T	*1,70(37)* Drums, croakers, n.e.i. Sciaenidae	(283) Tambours n.c.a. ...C	*1,70(37)* *- -- -- 411,01*	Sciaenidae *Sciaenops ocellata*	-- OF	-- 79	--- Red drum	---	---	--	---

33: REDFISHES, BASSES, CONGERS, ETC. - RASCASSES, PERCHES DE MER, CONGRES, ETC. - LUBINAS, CONGRIOS, ETC. (continued)

I - FAO			II - ICNAF					III - ICES			
I(i)	I(ii)	I(iii)	II(i)	II(ii)	II (iii)	II (iv)	II(v)	III (i)	III(ii)	III (iii)	III (iv)
33U	*1,70(39)008,01* Red (=Common) sea bream *Pagellus centrodontus (=cantabricus)*	(846) Pagre commun (=Dorade) "Besugo (=Besugo del Norte)"	---	---	--	--	---	*1,70(39)008,01*	*Pagellus centrodontus (=cantabricus)*	b/--	---
33V	*1,70(39)008,02* Pandora *Pagellus erythrinus*	(679) Pageau commun "Breca"	---	---	--	--	---	*1,70(39)008,02*	*Pagellus erythrinus*	b/--	---
33W	*1,70(39)008,03* Axillary (=Spanish) bream *Pagellus acarne*	... ...B "Aligote"	---	---	--	--	---	*1,70(39)008,03*	*Pagellus acarne*	b/--	---
33X	*1,70(39)060,02* Large-eyed dentex *Dentex macrophthalmus*	(549) Denté aux gros yeux "Cachucho"	---	---	--	--	---	*1,70(39)060,02*	*Dentex macrophthalmus*	b/--	---
33Y	*1,70(39)060* Dentex, n.e.i. *Dentex* spp.	... Dentés n.c.a. ...C	---	---	--	--	---	*1,70(39)060*	*Dentex* spp.	b/--	---
33Z	*1,70(39)191,03* Couch's sea bream *Pagrus (=Sparus) pagrus*	(228) Pagre "Pargo"	---	---	--	--	---	*1,70(39)191,03*	*Pagrus (=Sparus) pagrus*	b/--	---
33AA	*1,70(39)235,08* Gilt-head bream *Sparus auratus*	(391) Dorade "Dorade"	---	---	--	--	---	*1,70(39)235,08*	*Sparus auratus*	b/--	---
33AB	*1,70(39)261,01* Bogue *Boops boops*	(114) Bogue "Boga"	---	---	--	--	---	*1,70(39)261,01*	*Boops boops*	b/--	---
33AC	*1,70(39)353,01* Scup *Stenotomus chrysops*	(843) Spare doré ...C	*1,70(39)353,01*	*Stenotomus chrysops*	OG	26	Scup	---	---	--	---
33AD	*1,70(39)* Sea breams, n.e.i. Sparidae	(846) Brèmes de mer n.c.a. "Espáridos n.e.p."	*1,70(39)* - -- -- *102,01* - -- -- *[illegible]1,06*	Sparidae *Archosargus probatocephalus* *Pagrus sedecim*	OF OF OF	-- 93 90	--- Sheepshead Red porgy	*1,70(39)* --- ---	Sparidae --- ---	b/-- -- --	--- --- ---

33: REDFISHES, BASSES, CONGERS, ETC. - RASCASSES, PERCHES DE MER, CONGRES, ETC. - GALLINETAS, LUBINAS, CONGRIOS, ETC. (continued)

I - FAO			II - ICNAF					III - ICES			
I(i)	I(ii)	I(iii)	II(i)	II(ii)	II (iii)	II (iv)	II(v)	III (i)	III(ii)	III (iii)	III (iv)
33AE	*1,70(41)007,01* Red mullet *Mullus surmuletus*	(397a) Rouget de roche "Salmonete de roca"	---	---	--	--	---	*1,70(41)007,01*	*Mullus surmuletus*	41	Red mullet
33AF	*1,70(63)243,01* Tautog *Tautoga onitis*	(1006) Tautogue noir ...C	*1,70(63)243,01*	*Tautoga onitis*	OG	30	Tautog	---	---	--	---
33AG	*1,70(63)* Wrasses Labridae	(1103) Labres ...C	*1,70(63)* - -- -- *224,02*	Labridae *Tautogolabrus adspersus*	OG	29	Cunner	*1,70(63)*	Labridae	b/--	---
33AH	*1,70(78)010,??* Greater weever *Trachinus draco*	(409) Grande vive "Araña, escorpión"	---	---	--	--	---	*1,70(78)010,??*	*Trachinus draco*	40	Greater weever
33AI	*1,70* Percoids, n.e.i. Percoidei	... Percoidés n.c.a. "Percidos n.e.p."	---	---	--	--	---	*1,70*	Percoidei	b/--	---
33AJ	*1,71(02)001,01* Atlantic wolffish (=catfish) *Anarhichas lupus*	(177a) Loup Atlantique "Perro del norte"	---	---	--	--	---	*1,71(02)001,01*	*Anarhichas* spp.	32	Catfishes
33AK	*1,71(02)001,03* Spotted wolffish (=catfish) *Anarhichas minor*	(177c) Loup tacheté "Perro del norte"	*1,71(02)001,03*	*Anarhichas* spp.	OG	36	Wolffishes (=catfishes)	---	---	--	---
33AL	*1,71(15)012,02* Ocean pout *Macrozoarces americanus*	(295b) Loquette d'Amérique ...C	*1,71(15)012,02*	*Macrozoarces americanus*	OG	38	Ocean pout	---	---	--	---
33AM	*1,72(04)002* Sandeels (=sand launces) *Ammodytes* spp.	(817) Lançons "Lanzones"	*1,72(04)002*	*Ammodytes* spp.	OG	55	Sand eels (=Launces)	*1,72(04)002*	*Ammodytes* spp.	37	Sandeels
33AN	*1,77(02)003* Atlantic gobies *Gobius* spp.	(398) Gobies de l'Atlantique "Gobios del Atlántico"	---	---	--	--	---	*1,77(02)003*	*Gobius* spp.	b/--	---

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33: REDFISHES, BASSES, CONGERS, ETC. - RASCASSES, PERCHES DE MER, CONGRES, ETC. - GALLINETAS, LUBINAS, CONGRIOS, ETC. (concluded)

I - FAO			II - ICNAF					III - ICES			
I(i)	I(ii)	I(iii)	II(i)	II(ii)	II (iii)	II (iv)	II(v)	III (i)	III(ii)	III (iii)	III (iv)
33AO	*1,78(01)001,01* North Atlantic redfish *Sebastes marinus*	(758) Rascasse du Nord "Gallineta nórdica"	*1,78(01)001,01*	*Sebastes marinus*	G	32	Redfish	*1,78(01)001*	*Sebastes* spp.	36	Redfish
33AP	*1,78(01)009,01+02* North Atlantic scorpionfishes *Scorpaena porcus, S. scrofa*	(839b,c,d) Rascasses "Rascacio, cabracho"	---	---	--	--	---	*1,78(01)009,01* *- -- -- ---,02*	*Scorpaena porcus* *S. scrofa*	b/-- b/--	---
33AQ	*1,78(02)002* East Atlantic gurnards *Trigla* spp.	(425) Grondins de l'Atlantique est "Rubios del Atlántico este"	---	---	--	--	---	*1,78(02)*	Triglidae	34	Gurnards
33AR	*1,78(02)020* West Atlantic sea robins *Prionotus* spp.	(856) ...B ...C	*1,78(02)020*	*Prionotus* spp.	OG	34	Sea robins	---	---	--	---
33AS	*1,78(13)012* Sculpins *Myoxocephalus* spp.	(842) Chabots ...C	*1,78(13)012*	*Myoxocephalus* spp.	OG	106	Sculpins	---	---	--	---
33AT	*1,78(20)003,01* Lumpsucker (=Lumpfish) *Cyclopterus lumpus*	(573) Lompe ...C	*1,78(20)003,01*	*Cyclopterus lumpus*	OG	33	Lumpfish	*1,78(20)003,01*	*Cyclopterus lumpus*	b/--	---
33AU	*1,90(02)006,12* Northern puffer (=Swellfish) *Sphaeroides maculatus*	(740a) Spheroïde du nord ...C	*1,90(02)006,12*	*Sphaeroides maculatus*	OG	31	Northern puffer	---	---	--	---
33AV	*1,95(01)001,01* Anglerfish (=Monkfish) *Lophius piscatorius*	(28a) Baudroie "Rape"	---	---	--	--	---	*1,95(01)001,01*	*Lophius piscatorius*	35	Monk
33AW	*1,95(01)001,03* American angler (=Goosefish) *Lophius americanus*	(28c) Baudroie d'Amérique "Rape"	*1,95(01)001,03*	*Lophius americanus*	OG	56	Angler	---	---	--	---
33AX	Various demersal percomorphs	Percomorphes démersaux divers "Diversos percomorfos demersales"	--- *1,43(13)001,04*	--- *Conger oceanicus*	-- OF	-- 6	--- Conger	---	---	--	---

34: JACKS, MULLETS, SAURIES, ETC. - CHINCHARDS, MULETS, BALAOUS, ETC. - JURELES, LISAS, PAPARDAS, ETC.

I - FAO			II - ICNAF					III - ICES			
I(i)	I(ii)	I(iii)	II(i)	II(ii)	II (iii)	II (iv)	II(v)	III (i)	III(ii)	III (iii)	III (iv)
34A	*1,47(01)001,01* Garfish (= Needlefish) *Belone belone*	(383i; 630) Orphie "Aguja"	---	---	--	--	---	*1,47(01)001,01*	*Belone belone*	42	Garfish
34B	*1,47(02)002,01* Atlantic saury (= Skipper) *Scomberesox saurus*	(829a) Balaou "Paparda"	*1,47(02)002,01*	*Scomberesox saurus*	PF	37	Atlantic saury (= Billfish)	*1,47(02)002,01*	*Scomberesox saurus*	b/--	---
34C	*1,65(01)001+012* Mullets *Mugil* spp., *Liza* spp.	(620) Mulets "Lisas"	*1,65(01)001*	*Mugil* spp.	OF	107	Mullets	*1,65(01)*	Mugilidae	44	Mullets
34D	*1,65(02)003* Silversides (= Sand smelts) *Atherina* spp.	(900) Prêtres "Pejerreyes"	---	---	--	a/--		---	---	--	---
34E	*1,65(02)013,02* Atlantic silverside *Menidia menidia*	(900b) Capucette ...C	*1,65(02)013,02*	*Menidia menidia*	OF	94	Atlantic silverside	---	---	--	---
34F	*1,70(20)213,01* Bluefish (= Tailor) *Pomatomus (= Temnodon)saltatrix (= saltator)*	(103) Tassergal "Anjova"	*1,70(20)213,01*	*Pomatomus saltatrix*	PF	21	Bluefish	---	---	--	---
34G	*1,70(23)004,01* Atlantic horse mackerel *Trachurus trachurus*	(468a) Chinchard "Jurel"	---	---	--	--	---	*1,70(23)004,01*	*Trachurus trachurus*	43	Horse mackerel
34H	*1,70(23)004,11* Rough scad *Trachurus lathami*	... ...B ...C	*1,70(23)004,11*	*Trachurus lathami*	OF	110	Rough scad	---	---	--	---
34I	*1,70(23)044,29* Crevalle jack *Caranx hippos*	(242) Carangue crevalle ...C	*1,70(23)044,29*	*Caranx hippos*	PF	20	Crevalle	---	---	--	---
34J	*1,70(23)048* Amberjacks, yellowtail jacks *Seriola* spp.	(1116) Sérioles "Serviolas"	*1,70(23)048*	*Seriola* spp.	OF	75	Amberjacks	---	---	--	---

34: JACKS, MULLETS, SAURIES, ETC. - CHINCHARDS, MULETS, BALAOUS, ETC. - JURELES, LISAS, PAPARDAS, ETC. (concluded)

I - FAO			II - ICNAF					III - ICES			
I(i)	I(ii)	I(iii)	II(i)	II(ii)	II (iii)	II (iv)	II(v)	III (i)	III(ii)	III (iii)	III (iv)
34K	*1,70(23)072,02* Leerfish *Lichia amia*	... Liche "Palometón"	---	---	--	--	---	*1,70(23)072,02*	*Lichia amia*	b/--	---
34L	*1,70(27)003,01* Atlantic pomfret *Brama raji*	(723a; 752) Grande castagnole "Castañeta (= japuta)"	---	---	--	--	---	*1,70(27)003,01*	*Brama raji*	b/—	---
34M	*1,76(03)011,02* Northern harvestfish *Peprilus paru*	(448b) ...B ...C	*1,76(03)011,02*	*Peprilus paru*	OF	81	Northern harvestfish	---	---	--	---
34N	*1,76(03)026,01* Atlantic butterfish *Poronotus triacanthus*	(163a) Stromatées Atlantique (= à fossettes) "Pámpano Atlántico"	*1,76(03)026,01*	*Poronotus triacanthus*	PF	22	Butterfish	---	---	--	---
340	Various pelagic percomorphs	... Percomorphes pélagiques divers "Diversos percomorfos pélagicos"									
			1,47(01)012,08	*Strongylura marina*	OF	87	Atlantic needlefish	---	---	--	---
			1,70(22)221,01	*Rachycentron canadum*	OF	76	Cobia	---	---	--	---
			1,70(23)047,03	*Trachinotus carolinus*	OF	89	Common pompano	---	---	--	---

35: HERRINGS, SARDINES, ANCHOVIES, ETC. - HARENGS, SARDINES, ANCHOIS, ETC. - ARENQUES, SARDINAS, ANCHOAS, ETC.

I - FAO			II - ICNAF					III - ICES			
I(i)	I(ii)	I(iii)	II(i)	II(ii)	II (iii)	II (iv)	II(v)	III (i)	III(ii)	III (iii)	III (iv)
35A	*1,21(05)001,05* Atlantic herring *Clupea harengus*	(454a) Hareng de l'Atlantique "Arenque del Atlántico"	*1,21(05)001,05*	*Clupea harengus*	PF	7	Herring	*1,21(05)001,05*	*Clupea harengus*	45	Herring
35B	*1,21(05)012,01+17* Round and flat sardinellas *Sardinella aurita, S. maderensis*	(823a) Allaches "Alacha y machuelo"	---	---	--	--	---	*1,21(05)012,01* *- -- -- ---,17*	*Sardinella aurita* *S. maderensis*	b/ b/	--- ---
35C	*1,21(05)024,03* Atlantic menhaden *Brevoortia tyrannus*	(596a) Menhaden de l'Atlantique "Menhaden"	*1,21(05)024,03*	*Brevoortia tyrannus*	PF	11	Menhaden	---	---	---	---
35D	*1,21(05)064,01* European pilchard (= Sardine) *Sardina pilchardus*	(705; 822) Pilchard européen (= Sardine) "Sardina europea"	---	---	--	--	---	*1,21(05)064,01*	*Sardina pilchardus*	47	Pilchard
35E	*1,21(05)066,01* Sprat *Sprattus sprattus*	(962) Sprat "Espadín"	---	---	--	--	---	*1,21(05)066,01*	*Sprattus sprattus*	46	Sprat
35F	*1,21(06)002,01* North Atlantic anchovy *Engraulis encrasicholus*	(19a) Anchois de l'Atlantique nord "Anchoa del Atlántico norte"	---	---	--	--	---	*1,21(06)002,01*	*Engraulis encrasicholus*	48	Anchovy
35G	*1,21(06)020,16* Bay anchovy *Anchoa mitchilli*	(19a) Anchois américain "Anchoa americana"	*1,21(06)020,16*	*Anchoa mitchilli*	PF	8	Bay anchovy	---	---	--	---
35H	*1,21* Clupeoids n.e.i. Clupeoidei	... Clupéidés n.c.a. "Clupeídos n.e.p.	*1,21* *- --(05)042,02*	Clupeoidei *Opisthonema oglinum*	-- OF	-- 82	--- Thread herring	*1,21*	Clupeoidei	--	Various clupeoids

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36: TUNAS, BONITOS, BILLFISHES, ETC. - THONS, PÉLAMIDES, MARLINS, ETC. - ATUNES, BONITOS, PECES-AGUJA, ETC.

I - FAO			II - ICNAF					III - ICES			
I(i)	I(ii)	I(iii)	II(i)	II(ii)	II (iii)	II (iv)	II(v)	III (i)	III(ii)	III (iii)	III (iv)
36A	*1,75(02)001,01* Atlantic bonito (=Belted pelamid) *Sarda sarda*	(44) Bonite à dos rayé "Bonito"	*1,75(02)001,01*	*Sarda sarda*	PF	18	Bonito	*1,75(02)001,01*	*Sarda sarda*	51	Bonito
36B	*1,75(02)015,06* Atlantic king mackerel *Scomberomorus cavalla*	(524a) Thazard "Carita"	*1,75(02)015,06*	*Scomberomorus cavalla*	OF	84	King mackerel	---	---	--	---
36C	*1,75(02)015,07* Spotted Spanish mackerel *Scomberomorus maculatus*	(524e) Maquereau espagnol "Carita"	*1,75(02)015,07*	*Scomberomorus maculatus*	OF	85	Spanish mackerel	---	---	--	---
36D	*1,75(02)015,08* Cero *Scomberomorus regalis*	(524d) Thazard "Carita"	*1,75(02)015,08*	*Scomberomorus regalis*	--	a/--	---	---	---	--	---
36E	*1,75(03)004,04* Atlantic (=American) sailfish *Istiophorus albicans (=americanus)*	(801a) Voilier de l'Atlantique "Pez vela"	*1,75(03)004,04*	*Istiophorus albicans (=americanus)*	--	a/--	---	---	---	--	---
36F	*1,75(03)005,05* Atlantic blue marlin *Makaira nigricans (=ampla)*	(587a) Makaire bleue "Aguja azul"	*1,75(03)005*	*Makaira* spp.	PF	86	Marlins	---	---	--	---
36G	*1,75(03)005,07* Black marlin *Makaira indica*	(587b) Makaire noir "Aguja negra"	*1,75(03)005,07*	---	--	--	---	---	---	--	---
36H	*1,75(03)009,04* Atlantic white marlin *Tetrapterus albidus (=Makaira albida)*	(1082) Makaire blanc "Aguja blanca"	*1,75(03)009,04*	*Tetrapterus albidus*	--	--	---	---	---	--	---
36I	*1,75(04)003,01* Broadbill swordfish *Xiphias gladius*	(1002) Espadon "Pez espada"	*1,75(04)003,01*	*Xiphias gladius*	PF	19	Swordfish	*1,75(04)003,01*	*Xiphias gladius*	b/--	---

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36: TUNAS, BONITOS, BILLFISHES, ETC. - THONS, PÉLAMIDES, MARLINS, ETC. - ATUNES. BONITOS, PECES-AGUJA, ETC. (concluded)

I - FAO			II - ICNAF					III - ICES			
I(i)	I(ii)	I(iii)	II(i)	II(ii)	II (iii)	II (iv)	II(v)	III (i)	III(ii)	III (iii)	III (iv)
36J	*1,80(01)001,01* Frigate mackerel *Auxis thazard*	(372) Auxide "Melva"	---	---	--	--	---	*1,80(01)001,01*	*Auxis thazard*	b/--	---
36K	*1,80(01)002,01* Skipjack tuna (=Striped tuna) *Katsuwonus (= Euthynnus) pelamis*	(907; 1048f) Bonite à ventre rayé (= Listao) "Listado"	*1,80(01)005,02*	*Euthynnus (=Katsuwonus) pelamis*	PF	17(e)	Skipjack tuna	---	---	--	---
36L	*1,80(01)003,01* Bluefin tuna (= tunny),Northern Atlantic *Thunnus thynnus thynnus*	(102) Thon rouge, Atlantique nord "Atún, Atlántico norte"	*1,80(01)003,01*	*Thunnus thynnus*	PF	17(a)	Bluefin tuna	*1,80(01)003,01*	*Thunnus thynnus*	49	Bluefin tuna
36M	*1,80(01)003,10* Yellowfin tuna *Thunnus albacares (=Neothunnus macropterus)*	(1108) Thon à nageoires jaunes (=Albacore) "Rabil"	*1,80(01)003,10*	*Thunnus albacares*	PF	17(d)	Yellowfin tuna	*1,80(01)003,10*	*Thunnus albacares*	b/--	---
36N	*1,80(01)003,11* Albacore (= Longfin white tuna) *Thunnus (= Germo) alalunga*	(8; 1048a) Germon (= Thon blanc) "Atún blanco (=Albacora)"	*1,80(01)003,11*	*Thunnus alalunga*	PF	17(b)	Albacore tuna	*1,80(01)003,11*	*Thunnus alalunga*	50	Albacore
36O	*1,80(01)003,12* Bigeye tuna *Thunnus (=Parathunnus) obesus*	(77; 1048b) Thon obèse (= Patudo) "Patudo"	*1,80(01)003,12*	*Thunnus (=Parathunnus) obesus*	PF	17(c)	Bigeye tuna	*1,80(01)003,12*	*Thunnus (= Parathunnus) obesus*	b/--	---
36P	*1,80(01)005,01* Atlantic little tunny *Euthynnus alletteratus*	(565a; 1048g) Thonine (de l'Atlantique) "Bacoreta (del Atlántico)"	*1,80(01)005,01*	*Euthynnus alletteratus*	PF	96	Little tuna	---	---	--	---
36Q	*1,75+1,80* Various tuna-like fishes Scombroidei,Thunniformes	Poissons divers du type thon "Diversos peces parecidos a los atunes"	*1,75* *1,80*	Scombroidei Thunniformes	-- --	a/-- a/--	--- ---	*1,75* *1,80*	Scombroidei Thunniformes	b/-- b/--	--- ---

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37: MACKERELS, SNOEKS, CUTLASSFISHES, ETC. - MAQUEREAUX, THYRSITES, TRICHIURES, ETC. - CABALLAS, SIERRAS, PECES-SABLE, ETC.

I - FAO			II - ICNAF					III - ICES			
I(i)	I(ii)	I(iii)	II(i)	II(ii)	II (iii)	II (iv)	II(v)	III (i)	III(ii)	III (iii)	III (iv)
37A	*1,74(04)006,01* Silver scabbardfish(= Frostfish) *Lepidopus caudatus*	(376) Coutelas "Espadilla"	---	---	--	--	---	*1,74(04)006,01*	*Lepidopus caudatus*	b/--	---
37B	*1,75(01)002,01* Spanish chub mackerel *Scomber (=Pneumatophorus) japonicus (= colias)*	(577b) Maquereau espagnol "Caballa"	---	---	--	--	---	*1,75(01)002,01*	*Scomber japonicus*	53	Spanish mackerel
37C	*1,75(01)002,05* Atlantic mackerel *Scomber scomber (= scombrus)*	(577a) Maquereau de l'Atlantique "Caballa del Atlántico"	*1,75(01)002,05*	*Scomber scombrus*	PF	16	Mackerel	*1,75(01)002,05*	*Scomber scombrus*	52	Mackerel

38: SHARKS, RAYS, CHIMAERAS, ETC. - SQUALES, RAIES, CHIMÈRES, ETC. - TIBURONES, RAYAS, QUIMERAS, ETC.

I - FAO			II - ICNAF					III - ICES			
I(i)	I(ii)	I(iii)	II(i)	II(ii)	II (iii)	II (iv)	II(v)	III (i)	III(ii)	III (iii)	III (iv)
38A	*1,07(03)001,02* Porbeagle *Lamna nasus (= cornubica)*	(578a; 727) Taupe "Marrajo"	*1,07(03)001,02*	*Lamna nasus*	OF	1	Porbeagle	*1,07(03)001,02*	*Lamna nasus*	54	Porbeagle
38B	*1,07(03)003,01* Basking shark *Cetorhinus maximus (= Selache maxima)*	(65) Pèlerin "Peregrino"	---	---	--	--	---	*1,07(03)003,01*	*Cetorhinus maximus*	55	Basking shark
38C	*1,08(02)* Requiem sharks and smooth-hounds Carcharhinidae	(771; 916) Mangeurs d'hommes, émissoles "Tiburones, musolas"	*1,08(02)*	Carcharhinidae	--	a/--	---	---	---	--	---
38D	*1,09(01)007,04* Picked dogfish *Squalus acanthias*	(693) Aiguillat (= chien) "Mielga"	---	---	--	--	---	*1,09(01)007,04*	*Squalus acanthias*	57	Picked dogfish
38E	*1,09(01)007,08* Greenland shark *Squalus (=Somniosus) microcephalus*	(413) Laimargue "Tiburón boreal"	---	---	--	--	---	*1,09(01)007,08*	*Somniosus microcephalus*	58	Greenland shark
38F	*1,09(01)* Dogfish sharks Squalidae	(271) Aiguillats "Galludos"	*1,09(01)*	*Squalus, Mustelus* spp.	OF	2	Dogfishes	---	---	--	---
38G	*1,10(04)001* Skates *Raja* spp.	(903) Raies "Rayas"	*1,10(04)001*	*Raja* spp.	OF	3	Skates	*1,10(04)001*	*Raja* spp.	59	Rays and skates

39: MISCELLANEOUS MARINE FISHES - POISSONS MARINS DIVERS - DIVERSOS PECES MARINOS

I - FAO			II - ICNAF					III - ICES			
I(i)	I(ii)	I(iii)	II(i)	II(ii)	II (iii)	II (iv)	II(v)	III (i)	III(ii)	III (iii)	III (iv)
39A	Miscellaneous marine fishes	... Poissons marins divers "Diversos peces marinos"	---	---	OG OF PF	... ...	Other groundfish Other fish Other pelagic fish	---	---	--	Unsorted, unidentif: fishes

Crustaceans

Crustacés

Crustáceos

42: SEA-SPIDERS, CRABS, ETC. - ARAIGNÉES DE MER, CRABES, ETC. - ARANAS DE MAR, CANGREJOS, ETC.

I - FAO			II - ICNAF					III - ICES			
I(i)	I(ii)	I(iii)	II(i)	II(ii)	II (iii)	II (iv)	II(v)	III (i)	III(ii)	III (iii)	III (iv)
42A	*2,29(00)145,??* Queen crab *Chionoecetes opilio*	... ...B ...C	*2,29(00)145*	*Chionoecetes opilio*	--	a/--	---	---	---	--	---
42B	*2,29(09)010,03* Rock crab *Cancer irroratus*	(231) ...B ...C	*2,29(09)010,03*	*Cancer irroratus*	SF	100	Rock crab	---	---	--	---
42C	*2,29(09)010,06* Edible crab *Cancer pagurus*	(293) Tourteau "Buey"	---	---	--	--	---	*2,29(09)010,06*	*Cancer pagurus*	63	Edible crab
42D	*2,29(11)012,02* Blue crab *Callinectes sapidus*	(100) Crabe bleu "Cangrejo azul"	*2,29(11)012,02*	*Callinectes sapidus*	SF	98	Blue crab	---	---	--	---
42E	*2,29(11)090,01* Green shore crab *Carcinus maenas*	(219) Crabe vert "Cangrejo de mar"	---	---	--	--	---	*2,29(11)090,01*	*Carcinus maenas*	b/--	---
42F	*2,29(21)005,01* Spinous spider crab *Maja squinado*	(231f) Araignée de mer "Centolla"	---	---	--	--	---	*2,29(21)005,01*	*Maja squinado*	b/--	---
42G	Miscellaneous marine crabs	(231) Crabes de mer divers "Diversos cangrejos de mar"	---	---	--	--	---	---	---	--	---

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43: LOBSTERS, SPINY-ROCK LOBSTERS, ETC. - HOMARDS, LANGOUSTES, ETC. - BOGAVANTES, LANGOSTAS, ETC.

I - FAO			II - ICNAF					III - ICES			
I(i)	I(ii)	I(iii)	II(i)	II(ii)	II (iii)	II (iv)	II(v)	III (i)	III(ii)	III (iii)	III (iv)
43A	*2,29(01)008,02+04* European spiny lobsters *Palinurus mauritanicus,P.vulgaris*	(235a) Langoustes européennes "Langostas europeas"	---	---	--	--	---	*2,29(01)008*	*Palinurus* spp.	62	Spiny lobsters, rocl lobsters
43B	*2,29(02)007,01* Northern lobster *Homarus americanus*	(641) Homard américain "Bogavante americano"	*2,29(02)007,01*	*Homarus americanus*	SF	69	Lobster	---	---	--	---
43C	*2,29(02)007,02* European lobster *Homarus vulgaris*	(306) Homard européen "Bogavante"	---	---	--	--	---	*2,29(02)007,02*	*Homarus gammarus*	60	Lobster

44: SQUAT-LOBSTERS, NEPHROPS, ETC. - GALATHÉES, LANGOUSTINES, ETC. - GALATEAS, CIGALAS, ETC.

I - FAO			II - ICNAF					III- ICES			
I(i)	I(ii)	I(iii)	II(i)	II(ii)	II (iii)	II (iv)	II(v)	III (i)	III(ii)	III (iii)	III (iv)
44A	*2,29(02)006,02* Norway lobster *Nephrops norvegicus*	(642) Langoustine "Cigala"	---	---	--	--	---	*2,29(02)006,02*	*Nephrops norvegicus*	61	Norway lobster

45: SHRIMPS, PRAWNS, ETC. - CREVETTES, ETC. - GAMBAS, CAMARONES, ETC.

I - FAO			II - ICNAF					III - ICES			
I(i)	I(ii)	I(iii)	II(i)	II(ii)	II (iii)	II (iv)	II(v)	III (i)	III(ii)	III (iii)	III (iv)
45A	*2,28(03)018,10* Common prawn *Palaemon serratus*	(218) Crevette rose "Camarón gamba"	---	---	--	--	---	*2,28(03)018,10*	*Palaemon serratus*	65	Common prawn
45B	*2,28(04)002,03* Deepwater prawn *Pandalus borealis*	(262) Crevette nordique "Camarón"	*2,28(04)002*	*Pandalus* spp.	SF	71	Prawns (Shrimps)	*2,28(04)002,03*	*Pandalus borealis*	66	Deepwater prawn
45C	*2,28(06)003,03* Common shrimp *Crangon vulgaris*	(893) Crevette grise "Quisquilla"	---	---	--	--	---	*2,28(06)003,03*	*Crangon crangon*	64	Common shrimp
45D	*2,28* Prawns and shrimps *Natantia*	... Crevettes "Gambas y camarones"	*2,28*	*Natantia*	--	a/--	---	*2,28*	*Natantia*	b/ --	---

47: MISCELLANEOUS MARINE CRUSTACEANS - CRUSTACÉS MARINS DIVERS - DIVERSOS CRUSTACEOS MARINOS

I - FAO			II - ICNAF					III - ICES			
I(i)	I(ii)	I(iii)	II(i)	II(ii)	II (iii)	II (iv)	II(v)	III (i)	III(ii)	III (iii)	III (iv)
47A	2,00 Miscellaneous marine crustaceans Crustacea	... Crustacés marins divers "Diversos crustáceos marinos"	---	---	--	--	---	2,00	Crustacea	b/--	---

Molluscs

Mollusques

Moluscos

52: ABALONES, WINKLES, CONCHS, ETC. - ORMEAUX, BIGORNEAUX, STROMBES, ETC. - OREJAS DE MAR, BIGAROS, ESTROMBOS, ETC.

I - FAO			II - ICNAF					III - ICES			
I(i)	I(ii)	I(iii)	II(i)	II(ii)	II (iii)	II (iv)	II(v)	III (i)	III(ii)	III (iii)	III (iv)
52A	*3,09(08)001,01* Whelk *Buccinum undatum*	(1072) Buccin "Bucino"	---	---	--	--	---	*3,09(08)001,01*	*Buccinum undatum*	73	Whelk
52B	*3,09(09)003+3,10(16)002* Conchs *Busycon* spp. *Strombus* spp.	(222) Strombes (= Lambis) "Estrombos"	*3,09(09)003* *3,10(16)002*	*Busycon* spp. *Strombus* spp.	SF SF	67 67	Conchs Conchs	---	---	--	---
52C	*3,10(03)001,01* Periwinkle *Littorina littorea*	(690,1098) Bigorneau "Bigaro"	---	---	--	--	---	*3,10(03)001,01*	*Littorina littorea*	72	Periwinkle
52D	*3,10(03)001* Winkles, n.e.i. *Littorina* spp.	(1098) Bigorneaux, n.c.a. "Bigaros, n.e.p."	*3,10(03)001*	*Littorina* spp.	SF	68	Periwinkles	---	---	--	---

53: OYSTERS - HUÎTRES - OSTRAS

I - FAO			II - ICNAF					III - ICES			
I(i)	I(ii)	I(iii)	II(i)	II(ii)	II (iii)	II (iv)	II(v)	III (i)	III(ii)	III (iii)	III (iv)
53A	*3,16(07)002,05* European flat oyster *Ostrea edulis*	(661a) Huître plate européenne "Ostra europea"	---	---	--	--	---	*3,16(07)002,05*	*Ostrea edulis*	67	Oyster
53B	*3,16(07)008,03* American cupped oyster *Crassostrea virginica*	(661c) Huître américaine "Ostión americano"	*3,16(07)008,03*	*Crassostrea virginica*	SF	64	Oyster	---	---	--	---
53C	*3,16(07)008,04* Portuguese cupped oyster *Crassostrea (= Gryphaea) angulata*	(661b) Huître portugaise "Ostión"	---	---	--	--	---	*3,16(07)008,04*	*Crassostrea angulata*	68	Portuguese oyster

54: MUSSELS - MOULES - MEJILLONES

I - FAO			II - ICNAF						III - ICES		
I(i)	I(ii)	I(iii)	II(i)	II(ii)	II (iii)	II (iv)	II(v)	III (i)	III(ii)	III (iii)	III (iv)
54A	*3,16(10)001,05* Blue mussel *Mytilus edulis*	(106; 622a) Moule commune "Mejillón"	*3,16(10)001*	*Mytilus* and *Volsella* spp.	SF	63	Mussels	*3,16(10)001,05*	*Mytilus edulis*	69	Mussel

55: SCALLOPS, PECTENS, ETC. - COQUILLES ST. JACQUES - VIEIRAS

I - FAO			II - ICNAF					III - ICES			
I(i)	I(ii)	I(iii)	II(i)	II(ii)	II (iii)	II (iv)	II(v)	III (i)	III(ii)	III (iii)	III (iv)
55A	*3,16(08)003,03* Bay scallop *Pecten irradians*	(835d) Pecten ...C	*3,16(08)003,03*	*Aequipecten irradians*	SF	66	Bay scallop	---	---	--	---
55B	*3,16(08)003,04* Sea scallop *Pecten magellanicus*	(835f) ...B ...C	*3,16(08)003,04*	*Placopecten magellanicus*	SF	65	Sea scallop	---	---	--	---
55C	*3,16(08)003,09* Common scallop *Pecten maximus*	(835b) Coquille St. Jacques "Vieira"	---	---	--	--	---	*3,16(08)003,09*	*Pecten maximus*	70	Escallop, clam
55D	*3,16(08)003* Scallop n.e.i. *Pecten* spp.	(835) Coquilles St. Jacques, n.c.a. "Vieiras, n.e.p."	*3,16(08)003* *- -- -- ---,08*	*Pecten* spp. *Aequipecten gibbus*	-- SF	--- 101	--- Calico scallop	---	---	--	---

56: CLAMS, COCKLES, ARKSHELLS, ETC. - CLAMS, COQUES, ARCHES, ETC. - ALMEJAS, BERBERECHOS, ARCAS, ETC.

I - FAO			II - ICNAF					III - ICES			
I(i)	I(ii)	I(iii)	II(i)	II(ii)	II (iii)	II (iv)	II(v)	III (i)	III(ii)	III (iii)	III (iv)
56A	*3,17(04)045,??* Ocean quahog *Arctica islandica*	(652) ...B ...C	*3,17(04)045,??*	*Arctica islandica*	SF	62	Ocean quahog	---	---	--	---
56B	*3,17(09)001,03* Common cockle *Cardium edule*	(202a; 215) Coque (commune) "Berberecho"	---	---	--	--	---	*3,17(09)001,03*	*Cardium edule*	71	Cockle
56C	*3,17(10)020,01* Surf clam *Spisula solidissima*	(194 1) Mactre solide ...C	*3,17(10)020,01*	*Spisula solidissima*	SF	61	Surf clam	---	---	--	---
56D	*3,17(11)004,05* Striped venus *Venus gallina*	... Galinette "Chirla"	---	---	--	--	---	*3,17(11)004,05*	*Venus gallina*	b/--	---
56E	*3,17(11)018,02* Grooved carpet shell *Venerupis (=Tapes) decussatus*	(174a; 418) Palourde "Almeja fina"	---	---	--	--	---	*3,17(11)018,02*	*Venerupis (= Tapes) decussatus*	b/--	---
56F	*3,17(11)018* Carpet shells *Venerupis* spp.	(174) Palourdes "Almejas"	---	---	--	--	---	*3,17(11)018*	*Venerupis* spp.	b/--	---
56G	*3,17(11)075,01* Hard clam *Mercenaria mercenaria*	(194c) Praire ...C	*3,17(11)075,01*	*Mercenaria mercenaria*	SF	58	Quahog	---	---	--	---
56H	*3,17(16)005,02* Razor clam *Ensis directus*	(753a) Couteau "Navaja"	*3,17(16)005,02*	*Ensis directus*	SF	59	Razor clam	---	---	--	---
56I	*3,17(16)* Razor shells Solenidae	(753) Couteaux "Navajas"	---	---	--		---	*3,17(16)*	Solenidae	b/--	---
56J	*3,17(17)006,01* Soft clam *Mya arenaria*	(194a) Mye ...C	*3,17(17)006,01*	*Mya arenaria*	SF	60	Soft clam	---	---	--	---
56K	*3,17* Clams, n.e.i. Teleodesmacea	(194) Clams, n.c.a. "Almejas, n.e.p."	*3,17*	Teleodesmacea	--	a/--	---	---	---	--	---

C1

57: SQUIDS, CUTTLEFISHES, OCTOPUSES, ETC. - ENCORNETS, SEICHES, POULPES, ETC. - CALAMARES, JIBIAS, PULPOS, ETC.

I - FAO			II - ICNAF					III - ICES			
I(i)	I(ii)	I(iii)	II(i)	II(ii)	II (iii)	II (iv)	II(v)	III (i)	III(ii)	III (iii)	III (iv)
57A	*3,21(02)002,02* Common cuttlefish *Sepia officinalis*	(257a) Seiche "Jibia"	---	---	--	--	---	*3,21(02)002,02*	*Sepia officinalis*	b/--	---
57B	*3,21(02)002+(03)039* Cuttlefishes and lesser cuttlefishes, n.e.i. *Sepia* spp., *Sepiola* spp.	(257) Seiches et sepioles n.c.a. "Jibias y globitos n.e.p."	---	---	--	--	---	*3,21(02)002* - --*(03)039*	*Sepia* spp. *Sepiola* spp.	b/-- b/--	--- ---
57C	*3,21(04)001* Common squids *Loligo* spp.	(965a,b,c,d) Encornets communs "Calamares"	*3,21(04)001*	*Loligo* spp.	SF	57	Squids	*3,21(04)001*	*Loligo* spp.	74	Squids
57D	*3,21(05)003,03* European flying squid *Ommastrephes sagittatus*	(965e) Calmar européen "Pota europea"	---	---	--	--	---	*3,21(05)003,03*	*Ommastrephes sagittatus*	b/--	---
57E	*3,21(05)010,01* Common flying squid *Illex illecebrosus*	... Pisseut "Volador"	---	---	--	--	---	*3,21(05)010,01*	*Illex illecebrosus*	b/--	---
57F	*3,21(04)+(05)* Squids, n.e.i. Loliginidae, Ommastrephidae	(965) Encornets n.c.a. "Calamares n.e.p."	---	---	--	--	---	---	---	--	---
57G	*3,21(09)* Octopuses, n.e.i. *Octopus* spp.	(653) Poulpes n.c.a. "Pulpos n.e.p."	---	---	--	--	---	---	---	--	---

C2

58: MISCELLANEOUS MARINE MOLLUSCS - MOLLUSQUES MARINS DIVERS - DIVERSOS MOLUSCOS MARINOS

I - FAO			II - ICNAF					III - ICES			
I(i)	I(ii)	I(iii)	II(i)	II(ii)	II (iii)	II (iv)	II(v)	III (i)	III(ii)	III (iii)	III (iv)
58A	3,00 Miscellaneous marine molluscs Mollusca	... Mollusques marins divers "Diversos moluscos marinos"	3,00	Mollusca	--	b/--	---	3,00	Mollusca	b/--	---

C3

Whales, seals and other aquatic mammals

Baleines, phoques et autres mammifères aquatiques

Ballenas, focas y otros mamíferos acuáticos

64: EARED SEALS, HAIR-SEALS, WALRUSES, ETC. - OTARIES, PHOQUES, MORSES, ETC. - OTARIS, FOCAS, MORSAS, ETC.

I - FAO			II - ICNAF					III - ICES			
I(i)	I(ii)	I(iii)	II(i)	II(ii)	II (iii)	II (iv)	II(v)	III (i)	III(ii)	III (iii)	III (iv)
64A	*4,06(03)005,01* Harp seal *Pagophilus (=Phoca) groenlandicus*	... Loup marin à coeur ...C	*4,06(03)005,01*	*Pagophilus groenlandicus*	--	111	Harp seal	---	---	--	---
64B	*4,06(03)010,01* Hooded seal *Cystophora cristata*	... Wastek (= Phoque à capuchon) ...C	*4,06(03)010,01*	*Cystophora cristata*	--	112	Hooded seal	---	---	--	---

Miscellaneous aquatic animals

Animaux aquatiques divers

Animales acuáticos diversos

72: TURTLES AND OTHER REPTILES - TORTUES ET AUTRES REPTILES - TORTUGAS Y OTROS REPTILES

I - FAO			II - ICNAF					III - ICES			
I(i)	I(ii)	I(iii)	II(i)	II(ii)	II (iii)	II (iv)	II(v)	III (i)	III(ii)	III (iii)	III (iv)
72A	*5,31(07)005,02* Green turtle *Chelonia mydas*	(1052a) Tortue verte "Tortuga"	*5,31(07)005,02*	*Chelonia mydas*	SF	103	Green turtle	---	---	--	---
72B	*5,31(07)018,01* Loggerhead turtle *Caretta caretta*	(1052c) Carette ...C	*5,31(07)018,01*	*Caretta* spp.	SF	104	Loggerhead turtle	---	---	--	---
72C	*5,31(06)009* Slider turtles *Pseudemys* spp.	(1052e) ...B ...C	*5,31(06)009*	*Pseudemys* spp.	SF	105	Slider turtles	---	---	--	---
72D	*5,31(06)021* Terrapins *Malaclemys* spp.	(1009) Tortues américaines "Tortugas comestibles"	*5,31(06)021*	*Malaclemys* spp.	SF	102	Terrapins	---	---	--	---

73: SEA-SQUIRTS AND OTHER TUNICATES - ASCIDIENS ET AUTRES TUNICIERS - ASCIDIAS Y OTROS TUNICADOS

I - FAO			II - ICNAF					III - ICES			
I(i)	I(ii)	I(iii)	II(i)	II(ii)	II (iii)	II (iv)	II(v)	III (i)	III(ii)	III (iii)	III (iv)
73A	*5,96(09)037,??* Grooved sea-squirt *Microcosmus sulcatus*	... Violet "Probecho"	*5,96(09)037,??*	*Microcosmus sulcatus*	--	a/--	---	---	---	--	---

74: HORSESHOE CRABS AND OTHER ARACHNOIDS - LIMULES ET AUTRES ARACHNOIDÉS - LIMULOS Y OTROS ARACNIDOS

I - FAO			II - ICNAF					III - ICES			
I(i)	I(ii)	I(iii)	II(i)	II(ii)	II (iii)	II (iv)	II(v)	III (i)	III(ii)	III (iii)	III (iv)
74A	*6,56(01)001,02* Horseshoe crab *Limulus polyphemus*	(231h) Limule "Límulo"	*6,56(01)001,02*	*Limulus polyphemus*	SF	99	Horseshoe crab	---	---	--	---

75: SEA-URCHINS, SEA-CUCUMBERS AND OTHER ECHINODERMS - OURSINS, BÊCHES-DE-MER ET AUTRES ÉCHINODERMES - ERIZOS DE MAR, COHOMBROS DE MAR Y OTROS EQUINODERMOS

I - FAO			II - ICNAF					III - ICES			
I(i)	I(ii)	I(iii)	II(i)	II(ii)	II (iii)	II (iv)	II(v)	III (i)	III(ii)	III (iii)	III (iv)
75A	*6,49(05)012+(08)007* Marine bristle-worms *Glycera, Neanthes (=Nereis)* spp.	... Vers annelés marins "Gusanos marinos (poliquetos)"	*6,49(05)012* - --*(08)007*	*Glycera* spp. *Neanthes* spp.	SF SF	72	Worms	---	---	--	---
75B	*6,91(01)001,01* Starfish *Asterias rubens*	(967) Astéride (=Etoile de mer) "Estrella de mar"	---	---	--	--	---	*6,91(01)001,01*	*Asterias rubens*	b/--	---
75C	*6,93(02)004,02* American sea-urchins *Strongylocentrotus drobachiensis*	(861) Oursin américain "Erizo americano"	*6,93(02)004*	*Strongylocentrotus* spp.	SF	73	Sea-urchins	---	---	--	---

Miscellaneous aquatic animal products

Produits divers d'animaux aquatiques

Diversos productos de animales acuáticos

81: PEARLS, MOTHER-OF-PEARL, SHELLS, ETC. - PERLES, NACRES, COQUILLES, ETC. - PERLAS, MADREPERLAS, CONCHAS, ETC.

I - FAO			II - ICNAF					III - ICES			
I(i)	I(ii)	I(iii)	II(i)	II(ii)	II (iii)	II (iv)	II(v)	III (i)	III(ii)	III (iii)	III (iv)
81A	Miscellaneous shells, n.e.i. From Mollusca	... Coquilles diverses, n.c.a. "Diversas conchas, n.e.p."	---	---	--	--	---	---	Mollusca	b/--	---

82: CORALS - CORAUX - CORALES

I - FAO			II - ICNAF					III - ICES			
I(i)	I(ii)	I(iii)	II(i)	II(ii)	II (iii)	II (iv)	II(v)	III (i)	III(iii)	III (iii)	III (iv)
82A	*6,19(01)003* Corals *Corallium* spp.	(226) Coraux "Corales"	---	---	--	--	---	*6,19(01)003*	*Corallium* spp.	b/--	---

Aquatic plants

Plantes aquatiques

Plantas acuáticas

91: BROWN SEAWEEDS - ALGUES BRUNES - ALGAS PARDAS

I - FAO			II - ICNAF					III - ICES			
I(i)	I(ii)	I(iii)	II(i)	II(ii)	II (iii)	II (iv)	II(v)	III (i)	III(ii)	III (iii)	III (iv)
91A	*7,71* Brown seaweeds Phaeophyceae	(862; 513) Algues brunes "Algas pardas"	*7,71* *7,72(02)002*	Phaeophyceae *Laminaria* spp.	-- SF	-- 74	--- Seaweeds	*7,71* --	Phaeophyceae ---	b/-- --	--- ---

92: RED SEAWEEDS - ALGUES ROUGES - ALGAS ROJAS

I - FAO			II - ICNAF					III - ICES			
I(i)	I(ii)	I(iii)	II(i)	II(ii)	II (iii)	II (iv)	II(v)	III (i)	III(ii)	III (iii)	III (iv)
92A	*7,81* Red seaweeds Rhodophyceae	(862; 754) Algues rouges "Algas rojas"	*7,81* *7,88(02)001,02*	Rhodophyceae *Rhodymenia chondrus*	-- SF	-- 74	--- Seaweeds	*7,81* ---	Rhodophyceae ---	b/ -- --	--- ---

94: MISCELLANEOUS AQUATIC PLANTS - PLANTES AQUATIQUES DIVERSES - DIVERSAS PLANTAS ACUATICAS

I - FAO			II - ICNAF					III - ICES			
I(i)	I(ii)	I(iii)	II(i)	II(ii)	II (iii)	II (iv)	II(v)	III (i)	III(ii)	III (iii)	III (iv)
94A	*7,00* Miscellaneous aquatic plants Algae	Plantes aquatiques diverses "Diversas plantas acuáticas"	*7,00*	Algae	--	a/ --	---	*7,00*	Algae	b/--	---