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COUNCIL REGULATION (EEC) No 2018/93

of 30 June 1993

on the submission of catch and activity statistics by Member States fishing in the Northwest Atlantic

(OJ L 186, 28.7.1993, p. 1)

Amended by:

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	(adapted by Council Decision 95/1/EC, Euratom, ECSC)	L 1	1	1.1.1995

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COUNCIL REGULATION (EEC) No 2018/93

of 30 June 1993

on the submission of catch and activity statistics by Member States fishing in the Northwest Atlantic

THE COUNCIL OF THE EUROPEAN COMMUNITIES,

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

Having regard to the proposal from the Commission,

Having regard to the opinion of the European Parliament,

Whereas the Convention on future multilateral cooperation in the Northwest Atlantic fisheries approved by Regulation (EEC) No 3179/78 [1], and establishing the Northwest Atlantic Fisheries Organization (NAFO), requires the Community to supply the NAFO Scientific Council with any available statistical and scientific information requested by the Scientific Council in the performance of its work;

Whereas timely catch and activity statistics have been identified by the NAFO Scientific Council as essential to the performance of its work in evaluating the state of the fish stocks in the Northwest Atlantic;

Whereas Council Regulation (EEC) No 3881/91 of 17 December 1991 on the submission of nominal catch statistics by Member States fishing in the Northwest Atlantic [2] does not fully meet the requirements necessary for the Community to supply the NAFO Scientific Council with all statistical information as stated under Article 6 (3) of the NAFO Convention; whereas it is necessary to repeal the said Regulation;

Whereas, in order to facilitate the implementation of the provisions of this Regulation, close cooperation between the Member States and the Commission should continue, in particular via the Standing Committee for Agricultural Statistics set up in Decision 72/279/EEC [3],

HAS ADOPTED THIS REGULATION:

Article 1

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

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

Article 2

1. The data to be submitted shall be of two types:

(a) the annual nominal catches, expressed in tonnes live weight equivalent of the landings, of each of the species listed in Annex 1 in each of the statistical fishing regions of the Northwest Atlantic listed in Annex 2 and defined in Annex 3;

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[1] OJ No L 378, 30. 12. 1978, p. 1.
[2] OJ No L 365, 31. 12. 1991, p. 19.
[3] OJ No L 179, 7. 8. 1972, p. 1.
[4] OJ No L 151, 15. 6. 1990, p. 1.

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(b) the catches as specified under 1 (a) and the corresponding fishing activity, subdivided by calendar month of capture, fishing gear, vessel size and main species sought.

2. The data referred to in 1 (a) shall be submitted by 31 May of the year following the reference year and may be preliminary data. The data referred to in 1 (b) shall be submitted by 31 August of the year following the reference year and shall be definitive data.

The data referred to in 1 (a) and submitted as preliminary data should be clearly identified as such.

No submissions shall be required for species/fishing region combinations for which no catches were recorded in the reference period of the submission.

Should the Member State not have fished in the Northwest Atlantic in the preceding calendar year, it shall inform the Commission thereof by 31 May of the following year.

3. The definitions and codes to be used in submitting information on fishing activity, fishing gear method of fishing and vessel size are given in Annex IV.

4. The list of species and statistical fishing regions and the descriptions of these regions, as well as the measures, codes and definitions applied to fishing activity, fishing gears, vessel sizes and methods of fishing may be amended in accordance with the procedure laid down in Article 6.

Article 3

Except where provisions adopted under the common fisheries policy dictate otherwise, a Member State shall be permitted to use sampling techniques to derive catch data for those parts of the fishing fleet for which the complete coverage of the data would involve the excessive application of administrative procedures. The details of the sampling procedures, together with details of the proportion of the total data derived by such techniques, must be included by the Member State in the report submitted pursuant to Article 7 (1).

Article 4

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

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

Article 5

Within 24 hours of receipt of the reports, whenever possible, the Commission shall transmit the information contained therein to the Executive Secretary of NAFO.

Article 6

1. Where the procedure laid down in this Article is to be followed, the chairman shall refer the matter to the Standing Committee on Agricultural Statistics, hereinafter referred to as the 'Committee' either on his own initiative or at the request of the representative of a Member State.

2. The representative of the Commission shall submit to the Committee a draft of the measures to be taken. The Committee shall deliver its opinion on the draft within a time limit which the chairman may lay down according to the urgency of the matter. The opinion shall be delivered by the majority laid down in Article 148 (2) of the EEC Treaty in the case of decisions which the Council is required to adopt on a proposal from the Commission. The votes of the representatives of the Member States within the Committee shall be weighted in the manner set out in that Article. The chairman shall not vote.

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3. (a) The Commission shall adopt the measures envisaged if they are in accordance with the opinion of the Committee.

(b) If the measures envisaged are not in accordance with the opinion of the Committee, or if no opinion is delivered, the Commission shall without delay submit to the Council a proposal relating to the measures to be taken. The Council shall act by a qualified majority.

If on the expiry of three months from the date of referral to the Council, the Council has not acted, the proposed measures shall be adopted by the Commission.

Article 7

1. Within 12 months of the entry into force of this Regulation, Member States shall submit a detailed report to the Commission describing how the data on catches and fishing activity are derived and specifying the degree of representativity and reliability of these data. The Commission, in collaboration with the Member States, shall draw up a summary of these reports.

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

3. Where the methodological reports under paragraph 1 show that a Member State cannot immediately meet the requirements of this Regulation and that changes in survey techniques and methodology are necessary, the Commission may, in cooperation with the Member State, set a transitional period of up to two years during which the programme of this Regulation is to be achieved.

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

Article 8

Regulation (EEC) No 3881/91 is hereby repealed.

Article 9

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

It shall apply from 1 January 1994.

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

ANNEX I

LIST OF SPECIES WHICH HAVE BEEN REPORTED IN THE COMMERCIAL CATCH STATISTICS FOR THE NORTHWEST ATLANTIC

Member States must report the nominal catches of those species marked with an asterisk (*). The reporting of nominal catches of the remaining species is optional as concerns the identification of the individual species. However, where data for individual species are not submitted the data shall be included in aggregate categories. Member States may submit data for species not in the list provided that the species are clearly identified.

Note: 'n.e.i.' is the abbreviation for 'not elsewhere identified'

English name	3-alpha-identifier	Scientific name
	GROUND-FISH	
Atlantic cod	COD (*)	*Gadus morhua*
Haddock	HAD (*)	*Melanogrammus aeglefinus*
Atlantic redfishes n.e.i.	RED (*)	*Sebastes* spp.
Silver hake	HKS (*)	*Merluccius bilinearis*
Red hake	HKR (*)	*Urophycis chuss*
Saithe (= Pollock)	POK (*)	*Pollachius virens*
Golden redfish	REG (*)	*Sebastes marinus*
Beaked redfish	REB (*)	*Sebastes mentella*
American plaice (L. R. Dab)	PLA (*)	*Hippoglossoides platessoides*
Witch flounder	WIT (*)	*Glyptocephalus cynoglossus*
Yellowtail flounder	YEL (*)	*Limanda ferruginea*
Greenland halibut	GHL (*)	*Reinhardtius hippoglossoides*
Atlantic halibut	HAL (*)	*Hippoglossus hippoglossus*
Winter flounder	FLW (*)	*Pseudopleuronectes americanus*
Summer flounder	FLS (*)	*Paralichthys dentatus*
Windowpane flounder	FLD (*)	*Scophthalmus aquosus*
Flatfishes n.e.i.	FLX	*Pleuronectiformes*
American angler	ANG (*)	*Lophius americanus*
Atlantic searobins	SRA	*Prionotus* spp.
Atlantic tomcod	TOM	*Microgadus tomcod*
Blue antimora	ANT	*Antimora rostrata*
Blue whiting (= Poutassou)	WHB	*Micromesistius poutassou*
Cunnar	CUN	*Tautogolabrus adspersus*
Cusk (= Tusk)	USK	*Brosme brosme*
Greenland cod	GRC	*Gadus ogac*
Blue ling	BLI	*Molva dypterygia*

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English name	3-alpha-identifier	Scientific name
Ling	LIN (*)	*Molva molva*
Lumpfish (= Lumpsucker)	LUM (*)	*Cyclopterus lumpus*
Northern kingfish	KGF	*Menticirrhus saxatilis*
Northern puffer	PUF	*Sphoeroides maculatus*
Eelpouts n.e.i.	ELZ	*Lycodes* spp.
Ocean pout	OPT	*Macrozoarces americanus*
Polar cod	POC	*Boreogadus saida*
Roundnose grenadier	RNG	*Coryphaenoides rupestris*
Roughhead grenadier	RHG	*Macrouris berglax*
Sand-eels (= Sand lances)	SAN	*Ammodytes* spp.
Sculpins n.e.i.	SCU	*Myoxocephalus* spp.
Scup	SCP	*Stenotomus chrysops*
Tautog	TAU	*Tautoga onitis*
Tilefish	TIL	*Lopholatilus chamaeleonticeps*
White hake	HKW (*)	*Urophycis tenuis*
Wolf-fishes n.e.i.	CAT (*)	*Anarhichas* spp.
Atlantic wolf-fish	CAA (*)	*Anarhichas lupus*
Spotted wolf-fish	CAS (*)	*Anarhichas minor*
Groundfishes n.e.i.	GRO	*Osteichthyes*
PELAGIC FISH		
Atlantic herring	HER (*)	*Clupea harengus*
Atlantic mackerel	MAC (*)	*Scomber scombrus*
Atlantic butterfish	BUT	*Peprilus triacanthus*
Atlantic menhaden	MHA (*)	*Brevoortia tyrannus*
Atlantic saury	SAU	*Scomberesox saurus*
Bay anchovy	ANB	*Anchoa mitchilli*
Bluefish	BLU	*Pomatomus saltatrix*
Crevalle Jack	CVJ	*Caranx hippos*
Frigate tuna	FRI	*Auxis thazard*
King mackerel	KGM	*Scomberomorus cavalla*
Atlantic Spanish mackerel	SSM (*)	*Scomberomorus maculatus*
Sailfish	SAI	*Istiophorus platypterus*
White marlin	WHM	*Tetrapterus albidus*
Blue marlin	BUM	*Makaira nigicans*
Swordfish	SWO	*Xiphias gladius*
Albacore tuna	ALB	*Thunnus alalunga*

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English name	3-alpha-identifier	Scientific name
Atlantic bonito	BON	*Sarda sarda*
Little tunny	LTA	*Euthynnus alletteratus*
Bigeye tuna	BET	*Thunnus obesus*
Northern bluefish tuna	BFT	*Thunnus thynnus*
Skipjack tuna	SKJ	*Katsuwonus pelamis*
Yellowfin tuna	YFT	*Thunnus albacares*
Tunas n.e.i.	TUN	*Scombridae*
Pelagic fishes n.e.i.	PEL	*Osteichthyes*
OTHER FIN-FISH		
Alewife	ALE	*Alosa pseudoharengus*
Amberjacks n.e.i.	AMX	*Seriola* spp.
American conger	COA	*Conger oceanicus*
American eel	ELA	*Anguilla rostrata*
American shad	SHA	*Alosa sapidissima*
Argentines n.e.i.	ARG	*Argentina* spp.
Atlantic croaker	CKA	*Micropogonias undulatus*
Atlantic needlefish	NFA	*Strongylura marina*
Atlantic salmon	SAL (*)	*Salmo salar*
Atlantic silverside	SSA	*Menidia menidia*
Atlantic thread herring	THA	*Opisthonema oglinum*
Baird's slickhead	ALC	*Alepocephalus bairdii*
Black drum	BDM	*Pogonias cromis*
Black sea bass	BSB	*Centropristis striata*
Blueback herring	BBH	*Alosa aestivalis*
Capelin	CAP (*)	*Mallotus villosus*
Char n.e.i.	CHR	*Salvelinus* spp.
Cobia	CBA	*Rachycentron canadum*
Common (= Florida) pompano	POM	*Trachinotus carolinus*
Gizzard shad	SHG	*Dorosoma cepedianum*
Grunts n.e.i.	GRX	*Pomadasyidae*
Hickory shad	SHH	*Alosa mediocris*
Lanternfish	LAX	*Notoscopelus* spp.
Mullets n.e.i.	MUL	*Mugilidae*
N. Atlantic harvestfish	HVF	*Peprilus alepidotus (= Paru)*
Pigfish	PIG	*Orthopristis chrysoptera*
Rainbow smelt	SMR	*Osmerus mordax*

English name	3-alpha-identifier	Scientific name
Red drum	RDM	*Sciaenops ocellatus*
Red porgy	RPG	*Pagrus pagrus*
Rough shad	RSC	*Trachurus lathami*
Sand perch	PES	*Diplectrum formosum*
Sheepshead	SPH	*Archosargus probatocephalus*
Spot croaker	SPT	*Leiostomus xanthurus*
Spotted weakfish	SWF	*Cynoscion nebulosus*
Squeteague	STG	*Cynoscion regalis*
Striped bass	STB	*Morone saxatilis*
Sturgeons n.e.i.	STU	*Acipenseridae*
Tarpon	TAR	*Tarpon (= Megalops) atlanticus*
Trout n.e.i.	TRO	*Salmo* spp.
White perch	PEW	*Morone americana*
Alfonsinos	ALF	*Beryx* spp.
Spiny (= Picked) dogfish	DGS (*)	*Squalus acanthias*
Dogfishes n.e.i.	DGX (*)	*Squalidae*
Porbeagle	POR (*)	*Lamna nasus*
Large sharks n.e.i.	SHX	*Squaliformes*
Skates n.e.i.	SKA (*)	*Raja* spp.
Fin-fishes n.e.i.	FIN	*Osteichthyes*
	INVERTEBRATES	
Long-finned squid	SQL (*)	*Loligo pealei*
Short-finned squid	SQI (*)	*Illex illecebrosus*
Squids n.e.i.	SQU (*)	*Loliginidae, Ommastrephidae*
Atlantic razor clam	CLR	*Ensis directus*
Hard clam	CLH	*Mercenaria mercenaria*
Ocean quahog	CLQ	*Artica islandica*
Soft clam	CLS	*Mya arenaria*
Surf clam	CLB	*Spisula solidissima*
Clams n.e.i.	CLX	*Prionodesmacea, Teleodesmacea*
Bay scallop	SCB	*Argopecten irradians*
Calico scallop	SCC	*Argopecten gibbus*
Icelandic scallop	ISC	*Chlamys islandica*
Sea scallop	SCA	*Placopecten magellanicus*
Scallops n.e.i.	SCX	*Pectinidae*
American cupped oyster	OYA	*Crassostrea virginica*

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English name	3-alpha-identifier	Scientific name
Blue mussel	MUS	*Mytilus edulis*
Whelks n.e.i.	WHX	*Busycon* spp.
Periwinkles n.e.i.	PER	*Littorina* spp.
Marine molluscs n.e.i.	MOL	*Mollusca*
Atlantic rock crab	CRK	*Cancer irroratus*
Blue crab	CRB	*Callinectes sapidus*
Green crab	CRG	*Carcinus maenas*
Jonah crab	CRJ	*Cancer borealis*
Queen crab	CRQ	*Chinoecetes opilio*
Red crab	CRR	*Gryon quinquedens*
Stone king crab	KCT	*Lithodes maia*
Marine crabs n.e.i.	CRA	*Reptantia*
American lobster	LBA	*Homarus americanus*
Northern prawn	PRA (*)	*Pandalus borealis*
Aesop shrimp	AES	*Pandalus montagui*
Penaeus shrimps n.e.i.	PEN (*)	*Penaeus* spp.
Pink (= Pandalid) shrimps	PAN (*)	*Pandalus* spp.
Marine crustaceans n.e.i.	CRU	*Crustacea*
Sea urchin	URC	*Strongylocentrotus* spp.
Marine worms n.e.i.	WOR	*Polychaeta*
Horeshoe crab	HSC	*Limulus polythemus*
Marine invertebrates n.e.i.	INV	*Invertebrata*
SEAWEEDS		
Brown seaweeds	SWB	*Phaeophyceae*
Red seaweeds	SWR	*Rhodophyceae*
Seaweeds n.e.i.	SWX	*Algae*
SEALS		
Harp seal	SEH	*Pagophilius groenlandicus*
Hooded seal	SEZ	*Cystophora cristata*

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ANNEX II

STATISTICAL FISHING AREAS OF THE NORTHWEST ATLANTIC FOR WHICH DATA ARE TO BE SUBMITTED

- Sub-area 0
  - Division 0 A
  - Division 0 B
- Sub-area 1
  - Division 1 A
  - Division 1 B
  - Division 1 C
  - Division 1 D
  - Division 1 E
  - Division 1 F
  - Division 1 NK (not known)
- Sub-area 2
  - Division 2 G
  - Division 2 H
  - Division 2 J
  - Division 2 NK (not known)
- Sub-area 3
  - Division 3 K
  - Division 3 L
  - Division 3 M
  - Division 3 N
  - Division 3 O
  - Division 3 P
    - Sub-division 3 P n
    - Sub-division 3 P s
    - Division 3 NK (not known)
  - Sub-area 4
    - Division 4 R
    - Division 4 S
    - Division 4 T
    - Division 4 V
      - Sub-division 4 V n
      - Sub-division 4 V s
      - Division 4 W
      - Division 4 X
      - Division 4 NK (not known)
    - Sub-area 5
      - Division 5 Y
      - Division 5 Z
        - Sub-division 5 Z e
          - Sub-unit 5 Z c
          - Sub-unit 5 Z u
          - Sub-division 5 Z w
        - Division 5 NK (not known)
        - Sub-area 6
          - Division 6 A
          - Division 6 B
          - Division 6 C

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Division 6 D

Division 6 E

Division 6 F

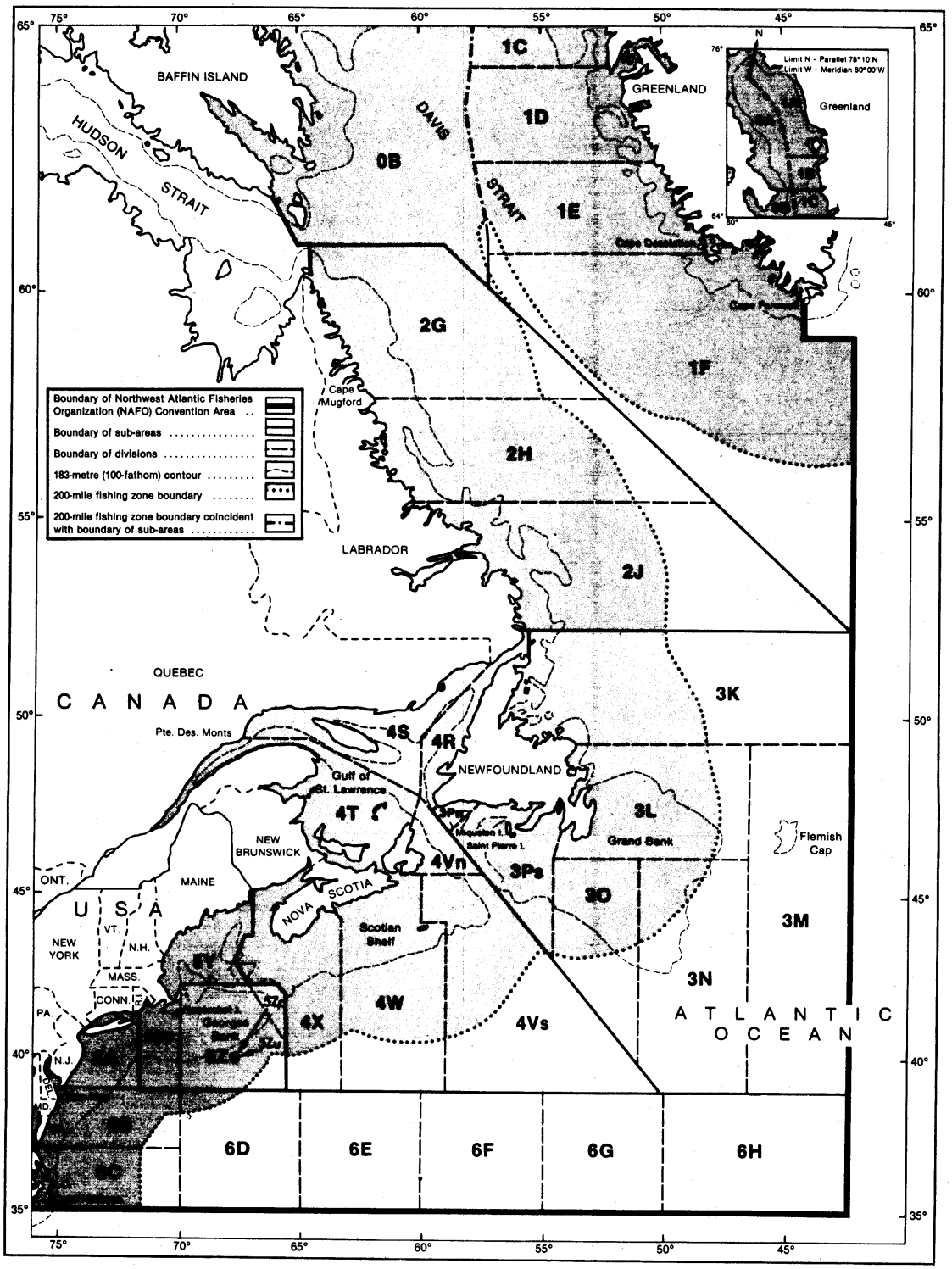
Division 6 G

Division 6 H

Division 6 NK (not known)

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Statistical fishing areas for the Northwest Atlantic



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ANNEX III

DESCRIPTION OF THE NAFO SUB-AREAS AND DIVISIONS USED FOR THE PURPOSE OF FISHERY STATISTICS AND REGULATIONS IN THE NORTHWEST ATLANTIC

Sub-area 0

That portion of the NAFO Convention Area bounded on the south by a line extending due east from a point at 61º00′ north latitude and 65º00′ west longitude to a point at 61º00′ north latitude and 59º00′ west longitude, thence in a south-easterly direction along a rhumb-line to a point at 60º12′ north latitude and 57º13′ west longitude; thence bounded on the east by a series of geodisic lines joining the following points:

Point No	Latitude	Longitude
1	60º12′0 N	57º13′0 W
2	61º00′0 N	57º13′1 W
3	62º00′5 N	57º21′1 W
4	62º02′3 N	57º21′8 W
5	62º03′5 N	57º22′2 W
6	62º11′5 N	57º25′4 W
7	62º47′2 N	57º41′0 W
8	63º22′8 N	57º57′4 W
9	63º28′6 N	57º59′7 W
10	63º35′0 N	58º02′0 W
11	63º37′2 N	58º01′2 W
12	63º44′1 N	57º58′8 W
13	63º50′1 N	57º57′2 W
14	63º52′6 N	57º56′6 W
15	63º57′4 N	57º53′5 W
16	64º04′3 N	57º49′1 W
17	64º12′2 N	57º48′2 W
18	65º06′0 N	57º44′1 W
19	65º08′9 N	57º43′9 W
20	65º11′6 N	57º44′4 W
21	65º14′5 N	57º45′1 W
22	65º18′1 N	57º45′8 W
23	65º23′3 N	57º44′9 W
24	65º34′8 N	57º42′3 W
25	65º37′7 N	57º41′9 W
26	65º50′9 N	57º40′7 W
27	65º51′7 N	57º40′6 W
28	65º57′6 N	57º40′1 W
29	66º03′5 N	57º39′6 W
30	66º12′9 N	57º38′2 W
31	66º18′8 N	57º37′8 W
32	66º24′6 N	57º37′8 W
33	66º30′3 N	57º38′3 W
34	66º36′1 N	57º39′2 W
35	66º37′9 N	57º39′6 W
36	66º41′8 N	57º40′6 W
37	66º49′5 N	57º43′0 W
38	67º21′6 N	57º52′7 W
39	67º27′3 N	57º54′9 W
40	67º28′3 N	57º55′3 W
41	67º29′1 N	57º56′1 W
42	67º30′7 N	57º57′8 W
43	67º35′3 N	58º02′2 W
44	67º39′7 N	58º06′2 W
45	67º44′2 N	58º09′9 W
46	67º56′9 N	58º19′8 W
47	67º01′8 N	58º23′3 W
48	68º04′3 N	58º25′0 W
49	68º06′8 N	58º26′7 W
50	68º07′5 N	58º27′2 W
51	68º16′1 N	58º34′1 W
52	68º21′7 N	58º39′0 W
53	68º25′3 N	58º42′4 W
54	68º32′9 N	59º01′8 W
55	68º34′0 N	59º04′6 W
56	68º37′9 N	59º14′3 W
57	68º38′0 N	59º14′6 W
58	68º56′8 N	60º02′4 W

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Point No	Latitude	Longitude
59	68º00′8 N	60º09′0 W
60	69º06′8 N	60º18′5 W
61	69º10′3 N	60º23′8 W
62	69º12′8 N	60º27′5 W
63	69º29′4 N	60º51′6 W
64	69º49′8 N	60º58′2 W
65	69º55′3 N	60º59′6 W
66	69º55′8 N	61º00′0 W
67	70º01′6 N	61º04′2 W
68	70º07′5 N	61º08′1 W
69	70º08′8 N	61º08′8 W
70	70º13′4 N	61º10′6 W
71	70º33′1 N	61º17′4 W
72	70º35′6 N	61º20′6 W
73	70º48′2 N	61º37′9 W
74	70º51′8 N	61º42′7 W
75	71º12′1 N	62º09′1 W
76	71º18′9 N	62º17′5 W
77	71º25′9 N	62º25′5 W
78	71º29′4 N	62º29′3 W
79	71º31′8 N	62º32′0 W
80	71º32′9 N	62º33′5 W
81	71º44′7 N	62º49′6 W
82	71º47′3 N	62º53′1 W
83	71º52′9 N	63º03′9 W
84	72º01′7 N	63º21′1 W
85	72º06′4 N	63º30′9 W
86	72º11′0 N	63º41′0 W
87	72º24′8 N	64º13′2 W
88	72º30′5 N	64º26′1 W
89	72º36′3 N	64º38′8 W
90	72º43′7 N	64º54′3 W
91	72º45′7 N	64º58′4 W
92	72º47′7 N	65º00′9 W
93	72º50′8 N	65º07′6 W
94	73º18′5 N	66º08′3 W
95	73º25′9 N	66º25′3 W
96	73º31′1 N	67º15′1 W
97	73º36′5 N	68º05′5 W
98	73º37′9 N	68º12′3 W
99	73º41′7 N	68º29′4 W
100	73º46′1 N	68º48′5 W
101	73º46′7 N	68º51′1 W
102	73º52′3 N	69º11′3 W
103	73º57′6 N	69º31′5 W
104	74º02′2 N	69º50′3 W
105	74º02′6 N	69º52′0 W
106	74º06′1 N	70º06′6 W
107	74º07′5 N	70º12′5 W
108	74º10′0 N	70º23′1 W
109	74º12′5 N	70º33′7 W
110	74º24′0 N	71º25′7 W
111	74º28′6 N	71º45′8 W
112	74º44′2 N	72º53′0 W
113	74º50′6 N	73º02′8 W
114	75º00′0 N	73º16′3 W
115	75º00′ N	73º30′ W

and thence due north to the parallel of 78º10′ north latitude; and bounded on the west by a line beginning at 61º00′ north latitude and 65º00′ west longitude and extending in a north-westerly direction along a rhumb-line to the coast of Baffin Island at East Bluff (61º55′ north latitude and 66º20′ west longitude), and thence in a northerly direction along the coast of Baffin Island, Bylot Island, Devon Island and Ellesmere Island and following the 80th meridian of west longitude in the waters between these islands to, the parallel of 78º10′ north latitude.

▼B

Sub-area 0 is composed of two divisions:

division 0 A:

that portion of the sub-area lying to the north of the parallel of 66º15′ north latitude;

division 0 B:

that portion of the sub-area lying to the south of the parallel of 66º15′ north latitude.

Sub-area 1

That portion of the NAFO Convention area lying to the east of sub-area 0 and to the north and east of a rhumb-line joining a point at 60º12′ north latitude and 57º13′ west longitude with a point at 52º15′ north latitude and 42º00′ west longitude.

Sub-area 1 is composed of six divisions:

division 1 A:

that portion of the sub-area lying north of the parallel of 68º50′ north latitude (Christianshaab);

division 1 B:

that portion of the sub-area lying between the parallel of 66º15′ north latitude (five nautical miles north of Umanarsugssuak) and the parallel of 68º50′ north latitude (Christianshaab);

division 1 C:

that portion of the sub-area lying between the parallel of 64º15′ north latitude (four nautical miles north of Godthaab) and the parallel of 66º15′ north latitude (five nautical miles north of Umanarsugssuak);

division 1 D:

that portion of the sub-area lying between the parallel of 62º30′ north latitude (Frederikshaab Glacier) and the parallel of 64º15′ north latitude (four nautical miles north of Godthaab);

division 1 E:

that portion of the sub-area lying between the parallel of 60º45′ north latitude (Cape Desolation) and the parallel of 62º30′ north latitude (Frederikshaab Glacier);

division 1 F:

that portion of the sub-area lying south of the parallel of 60º45′ north latitude (Cape Desolation).

Sub-area 2

That portion of the NAFO Convention Area lying to the east of the meridian of 64º30′ west longitude in the area of Hudson Strait, to the south of sub-area 0, to the south and west of sub-area 1 and to the north of the parallel of 52º15′ north latitude.

Sub-area 2 is composed of three divisions:

division 2 G:

that portion of the sub-area lying north of the parallel of 57º40′ north latitude (Cape Mugford);

division 2 H:

that portion of the sub-area lying between the parallel of 55º20′ north latitude (Hopedale) and the parallel of 57º40′ north latitude (Cape Mugford);

division 2 J:

that portion of the sub-area lying south of the parallel of 55º20′ north latitude (Hopedale).

Sub-area 3

That portion of the NAFO Convention Area lying south of the parallel of 52º15′ north latitude, and to the east of a line extending due north from Cape Bauld on the north coast of Newfoundland to 52º15′ north latitude; to the north of the parallel of 39º00′ north latitude; and to the east and north of a rhumb-line

▼B

commencing at 39º00′ north latitude, 50º00′ west longitude and extending in a north-westerly direction to pass through a point at 43º30′ north latitude, 55º00′ west longitude in the direction of a point at 47º50′ north latitude, 60º00′ 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 north-easterly direction along said line to Cape Ray.

Sub-area 3 is composed of six divisions:

division 3 K:

that portion of the sub-area lying north of the parallel of 49º15′ north latitude (Cape Freels, Newfoundland);

division 3 L:

that portion of the sub-area lying between the Newfoundland coast from Cape Freels to Cape St Mary and in a line described as follows: beginning at Cape Freels; thence due east to the meridian of 46º30′ west longitude, thence due south to the parallel of 46º00′ north latitude, thence due west to the meridian of 54º30′ west longitude, thence along a rhumb-line to Cape St Mary, Newfoundland.

division 3 M:

that portion of the sub-area lying south of the parallel of 49º15′ north latitude and east of the meridian of 46º30′ west longitude;

division 3 N:

that portion of the sub-area lying south of the parallel of 46º00′ north latitude and between the meridian of 46º30′ west longitude and the meridian of 51º00′ west longitude;

division 3 O:

that portion of the sub-area lying south of the parallel of 46º00′ north latitude and between the meridian of 51º00′ west longitude and the meridian of 54º30′ west longitude;

division 3 P:

that portion of the sub-area lying south of the Newfoundland coast and west of a line from Cape St Mary, Newfoundland to a point at 46º00′ north latitude, 54º30′ west longitude, thence due south to a limit of the sub-area.

Division 3 P is divided into two subdivisions:

subdivision 3 P n(north-western subdivision):

that portion of division 3 P lying north-west of the line extending from Burgeo Island, Newfoundland, approximately south-west to a point at 46º50′ north latitude and 58º50′ west longitude;

subdivision 3 P s (south-eastern subdivision):

that portion of division 3 P lying south-east of the line defined for subdivision 3 P n.

Sub-area 4

That portion of the NAFO Convention Area lying north of the parallel of 39º00′ north latitude, to the west of sub-area 3, and to the east of a line described as follows: beginning at the terminus of the internationalboundary between the United States of America and Canada in the Grand Manan Channel, at a point at 44º46′35,346″ north latitude; 66º54′11,253″ west longitude; thence due south to the parallel of 43º50′ north latitude; thence due west to the meridian of 67º24′27,24″ west longitude; thence along a geodetic line in a south-westerly direction to a point at 42º53′14″ north latitude and 67º44′35″ west longitude; thence along a geodetic line in a south-easterly direction to a point at 42º31′08″ north latitude and 67º28′05″ west longitude; thence along a geodetic line to a point at 42º20′ north latitude and 67º18′13,15″ west longitude; thence due east to a point at 66º00′ west longitude; thence along a rhumb-line in a south-easterly direction to a point at 42º00′ north latitude and 65º40′ west longitude; and thence due south to the parallel of 39º00′ north latitude.

Sub-area 4 is divided into six divisions:

division 4 R:

that portion of the NAFO Convention Area lying between the coast of Newfoundland from Cape Bauld to Cape Ray and a line described as follows: beginning at Cape Bauld, thence due north to the parallel of 52º15′ north lati-

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tude, thence due west to the Labrador coast, thence along the Labrador coast to the terminus of the Labrador-Quebec boundary, thence along a rhumb-line in a south-westerly direction to a point at 49º25′ north latitude, 60º00′ west longitude, thence due south to a point at 47º50′ north latitude, 60º00′ west longitude, thence along a rhumb-line in a south-easterly direction to the point at which the boundary of sub-area 3 intersects the straight line joining Cape North, Nova Scotia with Cape Ray, Newfoundland, thence to Cape Ray, Newfoundland;

division 4 S:

that portion of the sub-area lying between the south coast of Quebec from the terminus of the Labrador-Quebec boundary to Pte. des Monts and a line described as follows: beginning at Pte. des Monts, thence due east to a point at 49º25′ north latitude, 64º40′ west longitude, thence along a rhumb-line in an east-south-easterly direction to a point at 47º50′ north latitude, 60º00′ west longitude, thence along a rhumb-line in a north-easterly direction to the terminus of the Labrador-Quebec boundary;

division 4 T:

that portion of the sub-area lying between the coasts of Nova Scotia, New Brunswick and Quebec from Cape North to Pte. des Monts and a line described as follows: beginning at Pointe des Monts, thence due east to a point at 49º25′ north latitude, 64º40′ west longitude, thence along a rhumb-line in an east-south-easterly direction to a point at 47º50′ north latitude, 60º00′ west longitude, thence along a rhumb-line in a southerly direction to Cape North, Nova Scotia;

division 4 V:

that portion of the sub-area lying between the coast of Nova Scotia between Cape North and Fourchu, and a line described as follows: beginning at Fourchu thence along a rhumb-line in an easterly direction to a point at 45º40′ north latitude, 60º00′ west longitude, thence due south along the meridian of 60º00′ west longitude to the parallel of 44º10′ north latitude, thence due east to the meridian of 59º00′ west longitude, thence due south to the parallel of 39º00′ north latitude, thence due east to a point where the boundary between sub-areas 3 and 4 meets the parallel of 39º00′ north latitude, thence along the boundary between sub-areas 3 and 4 and a line continuing in a north-westerly direction to a point at 47º50′ north latitude, 60º00′ west longitude, and thence along a rhumb-line in a southerly direction to Cape North, Nova Scotia.

Division 4 V is divided into two sub-divisions:

sub-division 4 V n(northerly sub-division):

that portion of division 4 V lying north of the parallel of 45º40′ north latitude;

sub-division 4 V s (southerly sub-division):

that portion of division 4 V lying south of the parallel of 45º40′ north latitude;

division 4 W:

that portion of the sub-area lying between the coast of Nova Scotia from Halifax to Fourchu and a line described as follows: beginning at Fourchu, thence along a rhumb-line in an easterly direction to a point at 45º40′ north latitude, 60º00′ west longitude, thence due south along the meridian of 60º00′ west longitude to the parallel of 44º10′ north latitude, thence due east to the meridian of 59º00′ west longitude, thence due south to the parallel of 39º00′ north latitude, thence due west to the meridian of 63º20′ west longitude, thence due north to a point to the meridian of 44º20′ north latitude, thence along a rhumb-line in a north-westerly direction to Halifax, Nova Scotia;

division 4 X:

that portion of the sub-area lying between the western boundary of sub-area 4 and the coasts of New Brunswick and Nova Scotia from the terminus of the boundary between New Brunswick and Maine to Halifax,and a line described as follows: beginning at Halifax, thence along a rhumb-line in a south-easterly direction to a point at 44º20′ north latitude, 63º20′ west longitude, thence due south to the parallel of 39º00′ north latitude; thence due west to the meridian of 65º40′ west longitude.

Sub-area 5

That portion of the NAFO Convention Area lying to the west of the western boundary of sub-area 4, to the north of the parallel of 39º00′ north latitude and to the east of the meridian of 71º40′ west longitude.

Sub-area 5 is composed of two divisions:

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division 5 Y:

that portion of the sub-area lying between the coasts of Maine, New Hampshire and Massachusetts from the border between Maine and New Brunswick to 70º00′ west longitude on Cape Cod (at approximately 42º north latitude) and a line described as follows: beginning at a point on Cape Cod at 70º west longitude (at approximately 42º north latitude), thence due north to 42º20′ north latitude, thence due east to 67º18′13,15″ west longitude at the boundary of sub-areas 4 and 5; thence along that boundary to the boundary of Canada and the United States of America;

division 5 Z:

that portion of the sub-area lying to the south and east of division 5 Y.

Division 5 Z is divided into two sub-divisions:

sub-division 5 Z e (easterly sub-division):

that portion of division 5 Z lying east of the meridian of 70º00′ west longitude.

For statistical purposes sub-division 5 Z e is divided into two sub-units:

sub-unit 5 Z c:

that part of sub-division 5 Z e that lies to the north of the geodetic line joining the points where the geodetic line denoting the USA-Canada boundary from 42º31′08″ north latitude 67º28′05″ west longitude to 40º27′05″ north latitude 65º41′59″ west longitude meets the parallel at 42º00′ north latitude to where its extension meets the meridian at 65º40′ west longitude;

sub-unit 5 Z u:

that part of division 5 Z e that lies to the south of the geodetic line joining the points where the geodetic line denoting the USA-Canada boundary from 42º31′08″ north latitude 67º28′05″ west longitude to 40º27′05″ north latitude 65º41′59″ west longitude meets the parallel at 42º00′ north latitude to where its extension meets the meridian at 65º40′ west longitude;

sub-division 5 Z w (westerly sub-division):

that portion of division 5 Z lying west of the meridian of 70º00′ west longitude.

Sub-area 6

That part of the NAFO Convention Area bounded by a line beginning at a point on the coast of Rhode Island at 71º40′ west longitude, thence due south to 39º00′ north latitude, thence due east to 42º00′ west longitude, thence due south to 35º00′ north latitude, thence due west to the coast of North America, thence northwards along the coast of North America to a point on Rhode Island at 71º40′ west longitude.

Sub-area 6 is composed of eight divisions:

division 6 A:

that portion of the sub-area lying to the north of the parallel of 39º00′ north latitude and to the west of sub-area 5;

division 6 B:

that portion of the sub-area lying to the west of 70º00′ west latitude, to the south of the parallel of 39º00′ north latitude, and to the north and west of a line running westward along the parallel of 37º00′ north latitude to 76º00′ west longitude; thence due south to Cape Henry, Virginia;

division 6 C:

that portion of the sub-area lying to the west of 70º00′ west longitude and the south of sub-division 6 B;

division 6 D:

that portion of the sub-area lying to the east of divisions 6 B and 6 C and to the west of 65º00′ west longitude;

division 6 E:

that portion of the sub-area lying to the east of division 6 D and to the west of 60º00′ west longitude;

division 6 F:

that portion of the sub-area lying to the east of division 6 E and to the west of 55º00′ west longitude;

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division 6 G:

that portion of the sub-area lying to the east of division 6 F and to the west of 50º00′ west longitude;

division 6 H:

that portion of the sub-area lying to the east of division 6 G and to the west of 42º00′ west longitude.

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ANNEX IV

DEFINITIONS AND CODING TO BE USED IN THE SUBMISSION OF CATCH DATA

(a) LIST OF FISHING GEAR/FISHING VESSEL CATEGORIES

(from the International Standard Statistical Classification of Fishing Gears [ISSCFG])

Category	Abbreviation
Trawls	
Bottom trawls	
— beam trawls	TBB
— otter trawls (side or stern not specified)	OTB
— otter trawls (side)	OTB1
— otter trawls (stern)	OTB2
— pair trawls (two vessels)	PTB
— shrimp trawls	TBS
— nephrops trawls	TBN
— Bottom trawls (not specified)	TB
Midwater trawls	
— otter trawls (side or stern not specified)	OTM
— otter trawls (side)	OTM1
— otter trawls (stern)	OTM2
— pair trawls (two vessels)	PTM
— shrimp trawls	TMS
— midwater trawls (not specified)	TM
Otter twin trawls	OTT
Pair trawls (two vessels) [not specified]	PT
Otter trawls (not specified)	OT
Other trawls (not specified)	TX
Seine nets	
Beach seines	SB
Boat or vessel seines	SV
— Danish seines	SDN
— Scottish seines	SSC
— Pair seines (two vessels)	SPR
Seine nets (not specified)	
Surrounding nets	
With purse lines (purse seine)	PS
— operated by one vessel	
— operated by two vessels	PS2
Without purse lines (lampara)	LA
Gillnets and entangling nets	
Set gillnets (anchored)	GNS
Drift gillnets	GND
Encircling gillnets	GNC
Fixed gillnets (on stakes)	GNF
Trammel nets	GTR
Combined gillnets-trammel nets	GTN
Gillnets and entangling nets (not specified)	GEN
Gill nets (not specified)	GN
Hooks and lines	
Set longlines	LLS
Drift longlines	LLD
Longlines (not specified)	LL
Handlines and polelines (hand-operated)	LHP

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Category	Abbreviation
Handlines and polelines (mechanized)	LTM
Trolling lines	LTL
Hooks and lines (not specified)	LX
Traps	
Stationary uncovered poundnets	FPN
Covered pots	FPO
Fyke nets	FYK
Barriers, fences, weirs, etc.	FWR
Stownets	FSN
Arial nets	FAR
Traps (not specified)	FIX
Falling gear	
Cast nets	FCN
Falling gear (unspecified)	FG
Dredges	
Boat dredge	DRB
Hand dredge	DRH
Grappling and wounding	
Harpoon	HAR
Lift nets	
Portable lift nets	LNP
Boat operated lift nets	LNB
Shore operated stationary lift nets	LNS
Lift nets (not specified)	LN
Harvesting machines	
Pumps	HMP
Mechanized dredges	HMD
Harvesting machines (not specified)	HMX
Miscellaneous gears	MIS
Gear not known	NK

(b) DEFINITIONS OF FISHING EFFORT MEASURES FOR GEAR CATEGORIES

Three levels of precisions of fishing effort should be provided, where possible.

Category A

Fishing gear	Effort measure	Definitions
Surrounding nets (Purse seines)	Number of sets	Number of times the gear has been set or shot, whether or not a catch was made. This measure is appropriate when school size and packing is related to stock abundance or sets are made in a random manner.
Beach seines	Number of sets	Number of times the gear has been set or shot, whether or not a catch was made.
Boat seines	Number of hours fished	Number of hours during which the seine was in the water fishing.
Trawls	Number of hours	Number of hours during which the trawl was in the water (midwater trawl), or on the bottom (bottom trawl), and fishing.

▼B

Fishing gear	Effort measure	Definitions
Boat dredges	Number of hours fished	Number of hours during which the dredge was on the bottom and fishing.
Gillnets (set or drift)	Number of effort units	Length of nets expressed in 100-metre units multiplied by the number of sets made (= accumulated total length in metres of net used in a given time divided by 100).
Gillnets (fixed)	Number of effort units	Length of net expressed in 100-metre units multiplied by the number of times the net was cleared.
Traps (uncovered pound nets)	Number of effort units	Number of days fished times the number of units hauled.
Covered pols and lyke nets	Number of effort units	Number of lifts times the number of units (= total number of units fished in a given time period).
Longlines (set or drift)	Thousands of hooks	Number of hooks fished in a given times period divided by 1 000.
Handlines (pole. troll. jig. etc)	Number of line-days	Total number of lines used in a given time period.
Harpoons		(Report effort levels B and C only).

Category B

Numbers of days fished: the number of days on which fishing took place. For those fisheries in which searching is a substantial part of the fishing operation, days in which searching but no fishing took place should be included in 'days fished' data.

Category C

For *number of days on ground* in addition to days fished and searching also all other days while the vessel was on the ground should be included.

Percent of estimated effort (pro-rated effort)

Since corresponding effort measures may not be available for the total catch, the percentage of the effort that has been estimated should be indicated. This is calculated from:

$$\frac{[(\text{Total catch}) - (\text{Catch for which effort has been recorded})\ ] \times 100}{(\text{Total catch})}$$

(c) VESSEL SIZE CATEGORIES (from the International Standard Statistical Classification of Fishing Vessels [ISSCFV])

Tonnage classes

Gross tonnage category	Code
0— 49,9	02
50— 149,9	03
150— 499,9	04
500— 999,9	05
1 000— 1 999,9	06
2 000— 99 999,9	07
not known	00

▼B

(d) MAIN SPECIES SOUGHT

This is the species to which the fishing was principally directed. However, it may not correspond with the species which formed the greater part of the catch. The species should be indicated using the 3-alpha identifier (see Annex I).

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ANNEX V

FORMAT FOR THE SUBMISSION OF DATA ON MAGNETIC MEDIA

(a) MAGNETIC MEDIA

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

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

(b) CODING FORMAT

For the submissions pursuant to Article 2.1 (a)

Byte Nos	Item	Remarks
1 to 4	Country (ISO 3-alpha code)	e.g. FRA = France
5 to 6	Year	e.g. 90 = 1990
7 to 8	FAO major fishing area	21 = Northwest Atlantic
9 to 15	Division	e.g. 3 Pn = NAFO sub-division 3 Pn
16 to 18	Species	3-alpha identifier
19 to 26	Catch	tonnes

For the submission pursuant to Article 2.1 (b)

Byte Nos	Item	Remarks
1 to 4	Country	ISO 3-alpha code (e.g. FRA = France)
5 to 6	Year	e.g. 94 = 1994
7 to 8	Month	e.g. 01 = January
9 to 10	FAO major fishing area	21 = Northwest Atlantic
11 to 18	Division	e.g. 3 Pn = NAFO sub-division 3 Pn: alpha-numeric
19 to 21	Main species sought	3-alpha identifier
22 to 26	Vessel/gear category	ISSCFG code (e.g. OTB2 = Bottom otter trawl): alpha-numeric
27 to 28	Vessel size class	ISSCFV code (e.g. 04 = 150-499.9 GT): alpha-numeric
29 to 34	Average gross tonnage	Tonnes: numeric
35 to 43	Average engine power	Kilowatts: numeric
44 to 45	Percentage effort estimated	Numeric
46 to 48	Unit	3-alpha identifier of species or effort identifier (e.g. COD = Atlantic cod A— = Effort measure A)
49 to 56	Data	Catch (in metric tonnes) or effort unit

Notes

(a) All numeric fields should be right justified with leading blanks. All alphanumeric fields should be left justified with trailing blanks.

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

(c) Quantities (bytes 49 to 56) of less than half a unit should be recorded as ‘−1’.

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(d) Unknown quantities (bytes 49 to 56) should be recorded as '−2'.

(e) Country codes (ISO codes):

Belgium	BEL
Denmark	DNK
France	FRA
Germany FR	DEU
Greece	GRC
Ireland	IRL
Italy	ITA
Luxembourg	LUX
Netherlands	NLD
Portugal	PRT
Spain	ESP
United Kingdom	GBR
England & Wales	GBRA
Scotland	GBRB
Nothern Ireland	GBRC

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Finland	FIN
Sweden	SVE