

COMMISSION OF THE EUROPEAN COMMUNITIES

COM(91) 218 final

Brussels, 5 July 1991

Proposal for a
COUNCIL REGULATION (EEC)
on the submission of nominal catch statistics by Member States
fishing in the Northwest Atlantic

(presented by the Commission)

EXPLANATORY MEMORANDUM

Statistics on the nominal catches by Member States fishing in the Northwest Atlantic are required so that

- 1) the Community may meet its obligations under the conventions establishing the Northwest Atlantic Fisheries Organisation and the North Atlantic Salmon Conservation Organisation,

and

- 2) the Community may have available the information on the activities of its fishing vessels in the Northwest Atlantic to aid its negotiations in the international fora.

This draft regulation converts into Community legislation the so-called STATLANT 21A questionnaire used for many years by Member States to report annual nominal catches to international organisations on an informal basis.

Proposal for a
COUNCIL REGULATION (EEC)
on the submission of nominal catch 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,

Having regard to the draft from the Commission,

Having regard to the opinion of the European Parliament,

Having regard to the opinion of the Statistical Programme Committee,

Whereas the management of the Community's fishery resources requires accurate and timely statistics on the catches by Member States' vessels fishing in the Northwest Atlantic;

Whereas the Convention establishing the Northwest Atlantic Fisheries Organization, ratified by Council Regulation (EEC) No 3179/78¹, requires the European Communities to furnish to the NAFO Scientific Council any available statistical and scientific information requested by the Scientific Council in the performance of its work;

Whereas the Convention establishing the North Atlantic Salmon Conservation Organization, ratified by Council Decision 82/886/EEC², requires the Community as a contracting party to supply that Organization with the available statistics that it may request;

Whereas there is a need for fuller definitions and descriptions used in fishery statistics and in the management of the fisheries of the Northwest Atlantic,

1 OJ No L 378, 30.12.1978, p. 1.

2 OJ No L 378, 31.12.1982, p. 24.

HAS ADOPTED THIS REGULATION:

Article 1

Each Member State shall submit to the Statistical Office of the European Communities (hereinafter referred to as "Eurostat") data on the annual nominal catches by vessels registered in or flying the flag of that Member State fishing in the Northwest Atlantic.

The nominal catch data shall include all fishery products landed or trans-shipped 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 trans-shipments, to the nearest metric tonne.

Article 2

1. The data to be submitted shall be the nominal catches of each of the species listed in Annex 1 in each of the statistical fishing regions listed in Annex 2 and defined in Annex 3.
2. The data for each calendar year shall be submitted within 5 months of the end of the year. No submissions shall be required for species/fishing region combinations for which no catches were recorded in the annual period of the submission.
3. The lists of species and statistical fishing regions and the descriptions of these fishing regions may be amended in accordance with the procedure laid down in Article 5.

Article 3

Except where provisions adopted under the common fisheries policy dictate otherwise, a Member State shall be permitted to use sampling techniques to derive catch data for those parts of the 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 6(1).

Article 4

Member States shall fulfil their obligations to the Commission under the provisions of Articles 1 and 2 by submitting the data on magnetic medium, the format of which is given in Annex 4.

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

Article 5

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

The representative of the Commission shall submit to the Committee a draft of the measures to be taken. The Committee shall give its opinion on that draft within a time limit which the chairman may lay down according to the urgency of the matter, if necessary by taking a vote.

The opinion shall be recorded in the minutes. In addition, each Member State shall have the right to ask to have its position recorded in the minutes.

The Commission shall take the utmost account of the opinion delivered by the Committee. It shall inform the Committee of the manner in which its position has been taken into account.

Article 6

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

2. Member States shall inform Eurostat of any modifications to the information provided under paragraph 1 above within 3 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 Eurostat may, in cooperation with the Member State, set a transitional period of up to two years during which the programme of this Regulation shall be achieved.

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

Article 7

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

It shall apply with effect from 1 January 1992.

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

Done at Brussels,

For the Council
The President

ANNEX 1: 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"

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

<u>English name</u>	<u>3-alpha identifier</u>	<u>Scientific name</u>
Cunnar	CUN	<i>Tautogolabrus adspersus</i>
Cusk (Tusk)	USK	<i>Brosme brosme</i>
Greenland cod	GRC	<i>Gadus ogac</i>
Blue ling	BLI	<i>Molva dypterygia</i>
Ling	LIN*	<i>Molva molva</i>
Lumpfish (Lumpsucker)	LUM*	<i>Cyclopterus lumpus</i>
Northern kingfish	KGF	<i>Menticirrhus saxatilis</i>
Northern puffer	PUF	<i>Sphoeroides maculatus</i>
Eelpouts n.e.i.	ELZ	<i>Lycodes sp.</i>
Ocean pout	OPT	<i>Macrozoarces americanus</i>
Polar cod	POC	<i>Boreogadus saida</i>
Roundnose grenadier	RNG	<i>Coryphaenoides rupestris</i>
Roughhead grenadier	RHG	<i>Macrouris berglax</i>
Sandeels (Sand lances)	SAN	<i>Ammodytes sp.</i>
Sculpins n.e.i.	SCU	<i>Myoxocephalus sp.</i>
Scup	SCP	<i>Stenotomus chrysops</i>
Tautog	TAU	<i>Tautoga onitis</i>
Tilefish	TIL	<i>Lopholatilus chamaeleonticeps</i>
White hake	HKW*	<i>Urophycis tenuis</i>
Wolffishes n.e.i.	CAT*	<i>Anarhichas sp.</i>
Atlantic wolffish	CAA*	<i>Anarhichas lupus</i>
Spotted wolffish	CAS*	<i>Anarhichas minor</i>
Groundfishes n.e.i.	GRO	

PELAGIC FISH

Atlantic herring	HER*	<i>Clupea harengus</i>
Atlantic mackerel	MAC*	<i>Scomber scombrus</i>
Atlantic butterflyfish	BUT	<i>Peprilus triacanthus</i>
Atlantic menhaden	MHA*	<i>Brevoortia tyrannus</i>
Atlantic saury	SAU	<i>Scomberesox saurus</i>
Bay anchovy	ANB	<i>Anchoa mitchilli</i>
Bluefish	BLU	<i>Pomatomus saltatrix</i>
Crevalle Jack	CVJ	<i>Caranx hippos</i>
Frigate tuna	FRI	<i>Auxis thazard</i>
King mackerel	KGM	<i>Scomberomorus cavalla</i>
Atlantic Spanish mackerel	SSM*	<i>Scomberomorus maculatus</i>
Sailfish	SAI	<i>Istiophorus platypterus</i>
White marlin	WHM	<i>Tetrapterus albidus</i>
Blue marlin	BUM	<i>Makaira nigricans</i>
Swordfish	SWO	<i>Xiphias gladius</i>
Albacore tuna	ALB	<i>Thunnus alalunga</i>
Atlantic bonito	BON	<i>Sarda sarda</i>

<u>English name</u>	<u>3-alpha identifier</u>	<u>Scientific name</u>
Little tunny	LTA	<i>Euthynnus</i>
Bigeye tuna	BET	<i>alletteratus</i>
Northern bluefin tuna	BFT	<i>Thunnus obesus</i>
Skipjack tuna	SKJ	<i>Thunnus thynnus</i>
Yellowfin tuna	YFT	<i>Katsuwonus pelamis</i>
Tunas n.e.i.	TUN	<i>Thunnus albarares</i>
Pelagic fishes n.e.i	PEL	<i>Scombridae</i>
<u>OTHER FINFISH</u>		
Alewife	ALE	<i>Alosa</i>
Amberjacks n.e.i.	AMX	<i>pseudoharengus</i>
American conger	COA	<i>Seriola sp</i>
American eel	ELA	<i>Conger oceanicus</i>
American shad	SHA	<i>Anguilla rostrata</i>
Argentines n.e.i.	ARG	<i>Alosa sapidissima</i>
Atlantic croaker	CKA	<i>Argentina sp.</i>
Atlantic needlefish	NFA	<i>Micropogonias</i>
Atlantic salmon	SAL*	<i>undulatus</i>
Atlantic silverside	SSA	<i>Strongylura marina</i>
Atlantic thread herring	THA	<i>Salmo salar</i>
Baird's slickhead	ALC	<i>Menidia menidia</i>
Black drum	BDM	<i>Opisthonema oglinum</i>
Black seabass	BSB	<i>Alepocephalus</i>
Blueback herring	BBH	<i>bairdii</i>
Capelin	CAP*	<i>Pogonias cromis</i>
Chars n.e.i.	CHR	<i>Centropristis</i>
Cobia	CBA	<i>striata</i>
Common (Florida) pompano	POM	<i>Alosa aestivalis</i>
Gizzard shad	SHG	<i>Mallotus villosus</i>
Grunts n.e.i.	GRX	<i>Salvelinus sp.</i>
Hickory shad	SHH	<i>Rachycentron</i>
Lanternfish	LAX	<i>canadum</i>
Mulletts n.e.i.	MUL	<i>Trachinotus</i>
N. Atlantic harvestfish	HVF	<i>carolinus</i>
Pigfish	PIG	<i>Dorosoma cepedianum</i>
Rainbow smelt	SMR	<i>Pomadasyidae</i>
Red drum	RDM	<i>Alosa mediocris</i>
Red porgy	RPG	<i>Notoscopelus sp.</i>
Rough shad	RSC	<i>Mugilidae</i>
Sand perch	PES	<i>Peprilus alepidotus</i>
Sheepshead	SPH	<i>(=Paru)</i>
		<i>Orthopristis</i>
		<i>chrysoptera</i>
		<i>Osmerus mordax</i>
		<i>Sciaenops ocellatus</i>
		<i>Pagrus pagrus</i>
		<i>Trachurus lathamii</i>
		<i>Diplectrum formosum</i>
		<i>Archosargus</i>
		<i>probatoccephalus</i>

English name	3-alpha identifier	Scientific name
Spot croaker	SPT	<i>Leiostomus xanthurus</i>
Spotted weakfish	SWF	<i>Cynoscion nebulosus</i>
Squeteague	STG	<i>Cynoscion regalis</i>
Striped bass	STB	<i>Morone saxatilis</i>
Sturgeons n.e.i.	STU	<i>Acipenseridae</i>
Tarpon	TAR	<i>Tarpon (=Megalops) atlanticus</i>
Trouts n.e.i.	TRO	<i>Salmo sp.</i>
White perch	PEW	<i>Morone americana</i>
Alfonsinos	ALF	<i>Beryx sp.</i>
Spiny (=Picked) dogfish	DGS*	<i>Squalus acanthias</i>
Dogfishes n.e.i.	DGX*	<i>Squalidae</i>
Porbeagle	POR*	<i>Lamna nasus</i>
Large sharks n.e.i.	SHX	<i>Squaliformes</i>
Skates n.e.i.	SKA*	<i>Raja sp.</i>
Finfishes n.e.i.	FIN	
<u>INVERTEBRATES</u>		
Long-finned squid	SQL*	<i>Loligo pealei</i>
Short-finned squid	SQI*	<i>Illex illecebrosus</i>
Squids n.e.i.	SQU*	<i>Loliginidae, Ommastrephidae</i>
Atlantic razor clam	CLR	<i>Ensis directus</i>
Hard clam	CLH	<i>Mercenaria mercenaria</i>
Ocean quahog	CLQ	<i>Artica islandica</i>
Soft clam	CLS	<i>Mya arenaria</i>
Surf clam	CLB	<i>Spisula solidissima</i>
Clams n.e.i.	CLX	<i>Prionodesmacea, Teleodesmacea</i>
Bay scallop	SCB	<i>Argopecten irradians</i>
Calico scallop	SCC	<i>Argopecten gibbus</i>
Icelandic scallop	ISC	<i>Chlamys islandica</i>
Sea scallop	SCA	<i>Placopecten magellanicus</i>
Scallops n.e.i.	SCX	<i>Pectinidae</i>
American cupped oyster	OYA	<i>Crassostrea virginica</i>
Blue mussel	MUS	<i>Mytilus edulis</i>
Whelks n.e.i.	WHX	<i>Busycon sp.</i>
Periwinkles n.e.i.	PER	<i>Littorina sp.</i>
Marine molluscs n.e.i.	MOL	<i>Mollusca</i>
Atlantic rock crab	CRK	<i>Cancer irroratus</i>
Blue crab	CRB	<i>Callinectes sapidus</i>
Green crab	CRG	<i>Carcinus maenas</i>
Jonah crab	CRJ	<i>Cancer borealis</i>
Queen crab	CRQ	<i>Chionoecetes opilio</i>
Red crab	CRR	<i>Gryon quinque-dens</i>
Stone king crab	KCT	<i>Lithodes maia</i>
Marine crabs n.e.i.	CRA	<i>Reptantia</i>
American lobster	LBA	<i>Homarus americanus</i>

<u>English name</u>	<u>3-alpha identifier</u>	<u>Scientific name</u>
Northern prawn	PRA*	<i>Pandalus borealis</i>
Aesop shrimp	AES	<i>Pandalus montagui</i>
Penaeus shrimps n.e.i.	PEN*	<i>Penaeus sp.p</i>
Pink (=Pandalid) shrimps	PAN*	<i>Pandalus sp.p</i>
Marine crustaceans n.e.i.	CRU	<i>Crustacea</i>
Sea urchin	URC	<i>Strongylocentrotus sp.p</i>
Marine worms n.e.i.	WOR	<i>Polychaeta</i>
Horseshoe crab	HSC	<i>Limulus polythemus</i>
Marine invertebrates nei.	INV	<i>Invertebrata</i>
<u>SEAWEEDS</u>		
Brown seaweeds	SWB	<i>Phaeophyceae</i>
Red seaweeds	SWR	<i>Rhodophyceae</i>
Seaweeds n.e.i.	SWX	<i>Algae</i>
<u>SEALS</u>		
Harp seal	SEH	<i>Pagophilus groenlandicus</i>
Hooded seal	SEZ	<i>Cystophora cristata</i>

Annex 2:
Statistical fishing areas of the Northwest Atlantic for
which data are to be submitted

Subarea 0

Division 0A
Division 0B

Subarea 1

Division 1A
Division 1B
Division 1C
Division 1D
Division 1E
Division 1F
Division 1NK (not known)

Subarea 2

Division 2G
Division 2H
Division 2J
Division 2NK (not known)

Subarea 3

Division 3K
Division 3L
Division 3M
Division 3N
Division 3O
Division 3P
 Subdivision 3Pn
 Subdivision 3Ps
Division 3NK (not known)

Subarea 4

Division 4R
Division 4S
Division 4T
Division 4V
 Subdivision 4Vn
 Subdivision 4Vs
Division 4W
Division 4X
Division 4NK (not known)

Subarea 5

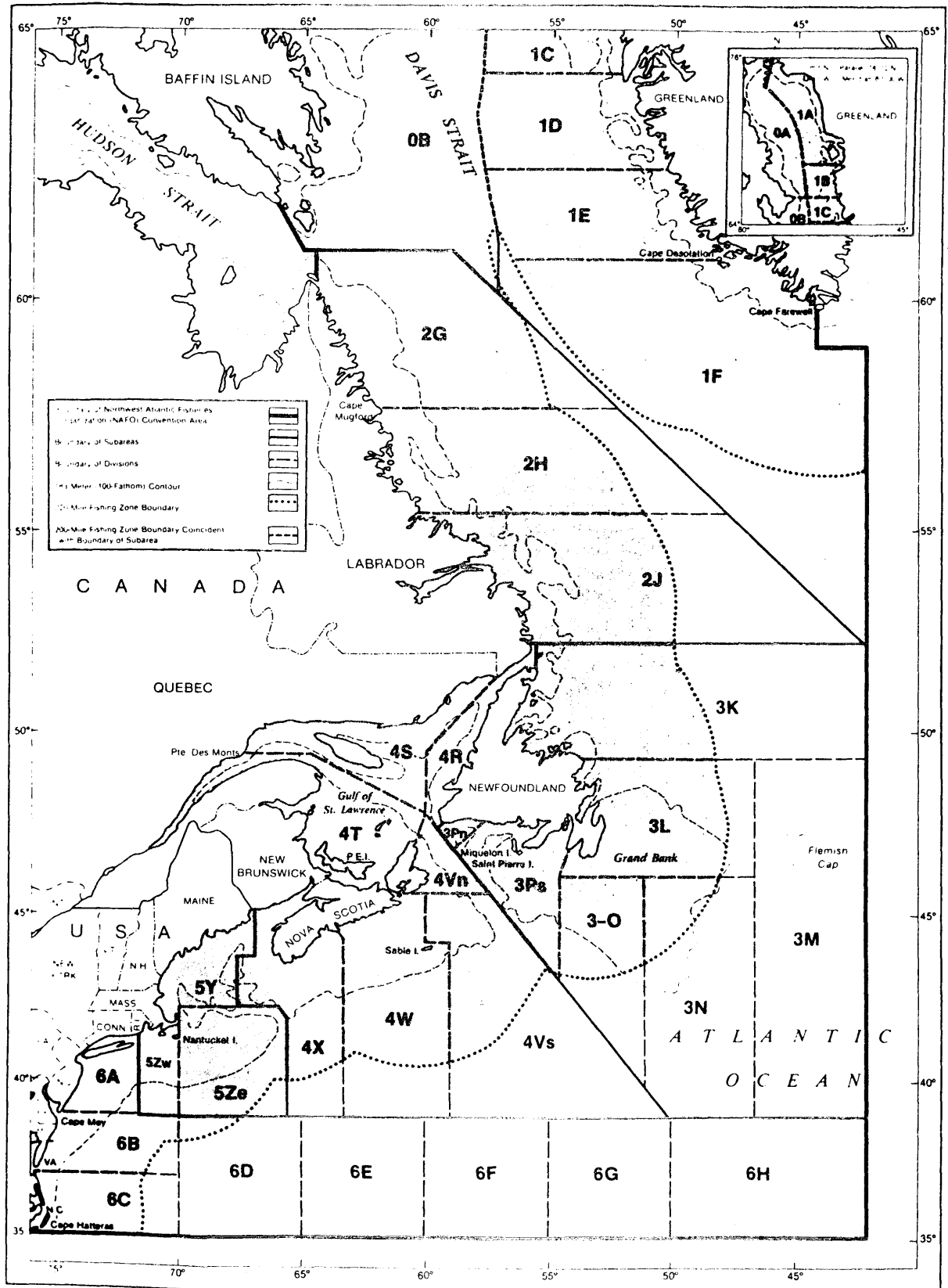
Division 5Y
Division 5Z
 Subdivision 5Ze
 Subunit 5Zc
 Subunit 5Zu
 Subdivision 5Zw
Division 5NK (not known)

Subarea 6

Division 6A

Division 6B
Division 6C
Division 6D
Division 6E
Division 6F
Division 6G
Division 6H
Division 6NK (not known)

STATISTICAL FISHING AREAS FOR THE NORTHWEST ATLANTIC.



ANNEX 3:
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 61°00' north latitude and 65°00' west longitude to a point at 61°00' north latitude and 59°00' west longitude, thence in a south-easterly direction along a rhumb line to a point at 60°12' north latitude and 57°13' west longitude; thence bounded on the east by a series of geodisic lines joining the following points:

Point No.	Latitude	Longitude
1	60°12'0 N	57°13'0 W
2	61°00'0 N	57°13'1 W
3	62°00'5 N	57°21'1 W
4	62°02'3 N	57°21'8 W
5	62°03'5 N	57°22'2 W
6	62°11'5 N	57°25'4 W
7	62°47'2 N	57°41'0 W
8	63°22'8 N	57°57'4 W
9	63°28'6 N	57°59'7 W
10	63°35'0 N	58°02'0 W
11	63°37'2 N	58°01'2 W
12	63°44'1 N	57°58'8 W
13	63°50'1 N	57°57'2 W
14	63°52'6 N	57°56'6 W
15	63°57'4 N	57°53'5 W
16	64°04'3 N	57°49'1 W
17	64°12'2 N	57°48'2 W
18	65°06'0 N	57°44'1 W
19	65°08'9 N	57°43'9 W
20	65°11'6 N	57°44'4 W
21	65°14'5 N	57°45'1 W
22	65°18'1 N	57°45'8 W
23	65°23'3 N	57°44'9 W
24	65°34'8 N	57°42'3 W
25	65°37'7 N	57°41'9 W
26	65°50'9 N	57°40'7 W
27	65°51'7 N	57°40'6 W
28	65°57'6 N	57°40'1 W
29	66°03'5 N	57°39'6 W
30	66°12'9 N	57°38'2 W
31	66°18'8 N	57°37'8 W
32	66°24'6 N	57°37'8 W
33	66°30'3 N	57°38'3 W
34	66°36'1 N	57°39'2 W
35	66°37'9 N	57°39'6 W
36	66°41'8 N	57°40'6 W
37	66°49'5 N	57°43'0 W
38	67°21'6 N	57°52'7 W
39	67°27'3 N	57°54'9 W
40	67°28'3 N	57°55'3 W
41	67°29'1 N	57°56'1 W

Point No. ude	Latitude	Longit
42	67°30'7 N	57°57'8 W
43	67°35'3 N	58°02'2 W
44	67°39'7 N	58°06'2 W
45	67°44'2 N	58°09'9 W
46	67°56'9 N	58°19'8 W
47	68°01'8 N	58°23'3 W
48	68°04'3 N	58°25'0 W
49	68°06'8 N	58°26'7 W
50	68°07'5 N	58°27'2 W
51	68°16'1 N	58°34'1 W
52	68°21'7 N	58°39'0 W
53	68°25'3 N	58°42'4 W
54	68°32'9 N	59°01'8 W
55	68°34'0 N	59°04'6 W
56	68°37'9 N	59°14'3 W
57	68°38'0 N	59°14'6 W
58	68°56'8 N	60°02'4 W
59	69°00'8 N	60°09'0 W
60	69°06'8 N	60°18'5 W
61	69°10'3 N	60°23'8 W
62	69°12'8 N	60°27'5 W
63	69°29'4 N	60°51'6 W
64	69°49'8 N	60°58'2 W
65	69°55'3 N	60°59'6 W
66	69°55'8 N	61°00'0 W
67	70°01'6 N	61°04'2 W
68	70°07'5 N	61°08'1 W
69	70°08'8 N	61°08'8 W
70	70°13'4 N	61°10'6 W
71	70°33'1 N	61°17'4 W
72	70°35'6 N	61°20'6 W
73	70°48'2 N	61°37'9 W
74	70°51'8 N	61°42'7 W
75	71°12'1 N	62°09'1 W
76	71°18'9 N	62°17'5 W
77	71°25'9 N	62°25'5 W
78	71°29'4 N	62°29'3 W
79	71°31'8 N	62°32'0 W
80	71°32'9 N	62°33'5 W
81	71°44'7 N	62°49'6 W
82	71°47'3 N	62°53'1 W
83	71°52'9 N	63°03'9 W
84	72°01'7 N	63°21'1 W
85	72°06'4 N	63°30'9 W
86	72°11'0 N	63°41'0 W
87	72°24'8 N	64°13'2 W
88	72°30'5 N	64°26'1 W
89	72°36'3 N	64°38'8 W
90	72°43'7 N	64°54'3 W
91	72°45'7 N	64°58'4 W
92	72°47'7 N	65°00'9 W
93	72°50'8 N	65°07'6 W
94	73°18'5 N	66°08'3 W
95	73°25'9 N	66°25'3 W
96	73°31'1 N	67°15'1 W

Point No.	Latitude	Longit
97	73°36'5 N	68°05'5 W
98	73°37'9 N	68°12'3 W
99	73°41'7 N	68°29'4 W
100	73°46'1 N	68°48'5 W
101	73°46'7 N	68°51'1 W
102	73°52'3 N	69°11'3 W
103	73°57'6 N	69°31'5 W
104	74°02'2 N	69°50'3 W
105	74°02'6 N	69°52'0 W
106	74°06'1 N	70°06'6 W
107	74°07'5 N	70°12'5 W
108	74°10'0 N	70°23'1 W
109	74°12'5 N	70°33'7 W
110	74°24'0 N	71°25'7 W
111	74°28'6 N	71°45'8 W
112	74°44'2 N	72°53'0 W
113	74°50'6 N	73°02'8 W
114	75°00'0 N	73°16'3 W
115	75°00' N	73°30' W

and thence due north to the parallel of 78°10' north latitude; and bounded on the west by a line beginning at 61°00' north latitude and 65°00' west longitude and extending in a northwesterly direction along a rhumb line to the coast of Baffin Island at East Bluff (61°55' north latitude and 66°20' west longitude), and thence in a northerly direction along the coast of Baffin Island, Bylot Island, Devon Island and Ellesmere Island and following the eightieth meridian of west longitude in the waters between these islands to the parallel of 78°10' north latitude

Sub-area 0 is composed of two Divisions:

Division OA

That portion of the sub-area lying to the north of the parallel of 66°15' north latitude.

Division OB

That portion of the sub-area lying to the south of the parallel of 66°15' north latitude.

Sub-area 1

That portion of the NAFO Convention area lying to the east of subarea 0 and to the north and east of a rhumb line joining a point at 60°12' north latitude and 57°13' west longitude with a point at 52°15' north latitude and 42°00' west longitude.

Sub-area 1 is composed of six divisions:

Division 1A

That portion of the sub-area lying north of the parallel of 68°50' north latitude (Christianshaab)

Division 1B

That portion of the sub-area lying between the parallel of 66°15' north latitude (5 nautical miles north of Umanarsugssuak) and the parallel of 68°50' north latitude (Christianshaab).

Division 1C

That portion of the sub-area lying between the parallel of 64°15' north latitude (4 nautical miles north of Godthaab) and the parallel of 66°15' north latitude (5 nautical miles north of Umanarsugssuak).

Division 1D

That portion of the sub-area lying between the parallel of 62°30' north latitude (Frederikshaab Glacier) and the parallel of 64°15' north latitude (4 nautical miles north of Godthaab).

Division 1E

That portion of the sub-area lying between the parallel of 60°45' north latitude (Cape Desolation) and the parallel of 62°30' north latitude (Frederikshaab Glacier).

Division 1F

That portion of the sub-area lying south of the parallel of 60°45' north latitude (Cape Desolation).

Sub-area 2

That portion of the NAFO Convention Area lying to the east of the meridian of 64°30' 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 52°15' north latitude.

Sub-area 2 is composed of three Divisions:

Division 2G

That portion of the sub-area lying north of the parallel of 57°40' north latitude (Cape Mugford)

Division 2H

That portion of the sub-area lying between the parallel of 55°20' north latitude (Hopedale) and the parallel of 57°40' north latitude (Cape Mugford).

Division 2J

That portion of the sub-area lying south of the parallel of 55°20' north latitude (Hopedale).

Sub-area 3

That portion of the NAFO 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 commencing at 39°00' north latitude, 50°00' west longitude and extending in a

northwesterly direction to pass through a point at 43°30' north latitude, 55°00' west longitude in the direction of a point at 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 3 is composed of six Divisions:

Division 3K

That portion of the sub-area lying north of the parallel of 49°15' north latitude (Cape Freels, Newfoundland).

Division 3L

That portion of the sub-area lying between the Newfoundland coast from Cape Freels to Cape St Mary and a line described as follows: beginning at Cape Freels; thence due east to the meridian of 46°30' west longitude, thence due south to the parallel of 46°00' north latitude, thence due west to the meridian of 54°30' west longitude, thence along a rhumb line to Cape St Mary, Newfoundland.

Division 3M

That portion of the sub-area lying south of the parallel of 49°15' north latitude and east of the meridian of 46°30' west longitude.

Division 3N

That portion of the sub-area lying south of the parallel of 46°00' north latitude and between the meridian of 46°30' west longitude and the meridian of 51°00' west longitude.

Division 3O

That portion of the sub-area lying south of the parallel of 46°00' north latitude and between the meridian of 51°00' west longitude and the meridian of 54°30' west longitude.

Division 3P

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 46°00' north latitude, 54°30' west longitude, thence due south to a limit of the subarea.

Division 3P is divided into two subdivisions:

Sub-division 3Pn (Northwestern subdivision) That portion of division 3P lying northwest of the line extending from Burgeo Island, Newfoundland, approximately southwest to a point at 46°50' north latitude and 58°50' west longitude.

Sub-division 3Ps (Southeastern subdivision) That portion of division 3P lying southeast of the line defined for Subdivision 3Pn

Sub-area 4: That portion of the NAFO Convention Area lying north of the parallel of 39°00' 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 international boundary between the United States of America and Canada in the Grand Manan Channel, at a point at 44°46' 35.346" north latitude; 66°54'11.253" west longitude; thence due south to the parallel of 43°50' north latitude; thence due west to the meridian of 67°24' 27.24" west longitude; thence along a geodetic line in a southwesterly direction to a point at 42°53'14" north latitude and 67°44'35" west longitude; thence along a geodetic line in a southeasterly direction to a point at 42°31'08" north latitude and 67°28'05" west longitude; thence along a geodetic line to a point at 42°20' north latitude and 67°18' 13.15" west longitude; thence due east to a point in 66°00' west longitude; thence along a rhumb line in a southeasterly direction to a point at 42°00' north latitude and 65°40' west longitude; and thence due south to the parallel of 39°00' north latitude.

Sub-area 4 is divided into six Divisions:

Division 4R

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 52°15' north latitude, 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 southwesterly direction to a point at 49°25' north latitude, 60°00' west longitude, thence due south to a point at 47°50' north latitude, 60°00' west longitude, thence along a rhumb line in a southeasterly 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 4S

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 49°25' north latitude, 64°40' west longitude, thence along a rhumb line in an eastsoutheasterly direction to a point at 47°50' north latitude, 60°00' west longitude, thence along a rhumb line in a northeasterly direction to the terminus of the Labrador-Quebec boundary.

Division 4T

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 Pte. des Monts, thence due east to a point at 49°25' north latitude, 64°40' west longitude, thence along a rhumb line in an eastsoutheasterly direction to a point at 47°50' north latitude, 60°00' west longitude, thence along a rhumb line in a southerly direction to Cape North, Nova Scotia.

Division 4V

That portion of the subarea 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 45°40' north latitude, 60°00' west longitude, thence due south along the meridian of 60°00' west longitude to the parallel of 44°10' north latitude, thence due east to the meridian of 59°00' west longitude, thence due south to the parallel of 39°00' north latitude, thence due east to a point where the boundary between subareas 3 and 4 meets the parallel of 39°00' north latitude, thence along the boundary between Sub-areas 3 and 4 and a line continuing in a northwesterly direction to a point at 47°50' north latitude, 60°00' west longitude, and thence along a rhumb line in a southerly direction to Cape North, Nova Scotia.

Division 4V is divided into two subdivisions:

Subdivision 4Vn (Northerly subdivision) - That portion of Division 4V lying north of the parallel of 45°40' north latitude.

Subdivision 4Vs (Southerly subdivision) - That portion of Division 4V lying south of the parallel of 45°40' north latitude.

Division 4W

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 45°40' north latitude, 60°00' west longitude, thence due south along the meridian of 60°00' west longitude to the parallel of 44°10' north latitude, thence due east to the meridian of 59°00' west longitude, thence due south to the parallel of 39°00' north latitude, thence due west to the meridian of 63°20' west longitude, thence due north to a point on that meridian at 44°20' north latitude, thence along a rhumb line in a northwesterly direction to Halifax, Nova Scotia.

Division 4X

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 southeasterly direction to a point at 44°20' north latitude, 63°20' west longitude, thence due south to the parallel of 39°00' north latitude, and thence due west to the meridian of 65°40' 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 39°00' north latitude and to the east of the meridian of 71°40' west longitude.

Sub-area 5 is composed of two Divisions:

Division 5Y

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 70°00' west longitude on Cape Cod (at approximately 42° north latitude) and a line described as follows: beginning at a point on Cape Cod at 70° west longitude (at approximately 42° north latitude), thence due north to 42°20' north latitude, thence due east to 67°18' 13°15' west longitude at the boundary of Sub-areas 4 and 5, and thence along that boundary to the boundary of Canada and the United States of America.

Division 5Z

That portion of the sub-area lying to the south and east of Division 5Y.

Division 5Z is divided into two subdivisions:

Subdivision 5Ze - (Easterly subdivision) That portion of Division 5Z lying east of the meridian of 70°00' west longitude.

For statistical purposes subdivision 5Ze is divided into two subunits:

Subunit 5Zc

That part of subdivision 5Ze that lies to the north of the geodetic line joining the points where the geodetic line denoting the USA-Canada boundary from 42°31'08" north latitude 67°28'05" west longitude to 40°27'05" north latitude 65°41'59" west longitude meets the parallel at 42°00' north latitude to where its extension meets the meridian at 65°40' west longitude.

Subunit 5Zu

That part of subdivision 5Ze that lies to the south of the geodetic line joining the points where the geodetic line denoting the USA-Canada boundary from 42°31'08" north latitude 67°28'05" west longitude to 40°27'05" north latitude 65°41'59" west longitude meets the parallel at 42°00' north latitude to where its extension meets the meridian at 65°40' west longitude.

Subdivision 5Zw - (Westerly subdivision) That portion of Division 5Z lying west of the meridian of 70°00' 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 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 northwards along the coast of North America to a point on Rhode Island at 71°40' west longitude.

Sub-area 6 is composed of eight Divisions:

Division 6A

That portion of the sub-area lying to the north of the parallel of 39°00' north latitude and to the west of Sub-area 5.

Division 6B

That portion of the sub-area lying to the west of 70°00' west longitude, to the south of the parallel of 39°00' north latitude, and to the north and west of a line running westward along the parallel of 37°00' north latitude to 76°00' west longitude and thence due south to Cape Henry, Virginia.

Division 6C

That portion of the sub-area lying to the west of 70°00' west longitude and to the south of subdivision 6B.

Division 6D

That portion of the sub-area lying to the east of Divisions 6B and 6C and to the west of 65°00' west longitude.

Division 6E

That portion of the sub-area lying to the east of Division 6D and to the west of 60°00' west longitude. .

Division 6F

That portion of the sub-area lying to the east of Division 6E and to the west of 55°00' west longitude.

Division 6G

That portion of the sub-area lying to the east of Division 6F and to the west of 50°00' west longitude.

Division 6H

That portion of the sub-area lying to the east of Division 6G and to the west of 42°00' west longitude.

Annex 4:

FORMAT FOR THE SUBMISSION OF CATCH DATA

FOR THE NORTHWEST ATLANTIC

MAGNETIC MEDIA

Computer tapes: 9 track with a density of 1600 or 6250 BPI and EBCDIC or ASCII coding, preferably unlabelled. If labelled, an end-of-file code should be included.

Floppy discs: MS-DOS formatted 3.5" 720K or 1.4 Mbyte discs or 5.25" 360K or 1.2 Mbyte discs.

RECORD FORMAT

Byte nos.	Item	Remarks
1-4	Country (ISO 3-alpha code)	eg FRA = France
5-6	Year	eg 90 = 1990
7-8	FAO Major Fishing Area	21 = NW Atlantic
9-15	Division	eg 3Pn = NAFO subdivision 3Pn
16-18	Species	3-alpha identifier
19-26	Catch	Metric tonnes

Notes:

- All numeric fields should be right justified with leading blanks. All alphanumeric fields should be left justified with trailing blanks.
- The catch is to be recorded in the live weight equivalent of the landings to the nearest metric ton.
- Quantities (bytes 19-26) of less than half a unit should be recorded as "-1".
- Unknown quantities (bytes 19-26) should be recorded as "-2".

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