

# COMMISSION OF THE EUROPEAN COMMUNITIES

COM(77) 524 final.

Brussels, 17 October 1977.

Proposal for a  
COUNCIL REGULATION (EEC)

defining for 1978 measures for conservation and management  
of fishery resources by the establishment of quotas

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(submitted to the Council by the Commission)

COM(77) 524 final.

COMMUNICATION TO THE COUNCIL

1. The attached proposal for a Council Regulation (EEC) defining for 1978 measures for conservation and management of fishery resources by the establishment of catch quotas contains a Communication, an explanatory memorandum, the draft of the proposed regulation, Annex I thereto which contains a proposal for total allowable catches per stock and proportion thereof available to the Community and Annex II thereto which contains the result obtained by application of the working model described in Annex C of the above-mentioned Communication.
2. In establishing the proposed TACs the Commission has taken into consideration the best available scientific advice. With the exception of a few cases of a particular nature a modification of the TACs proposed by the Commission would only be possible if the scientific advice is set aside and consequent effects on the stocks in question are accepted.
3. In arriving at the model for allocations to member States the Commission has endeavoured to carry out the operation as transparently as possible. In assessing stock by stock what would be available to each member State in 1978, the Commission has made use of the NEAFC keys\*. Even though the application of these keys in 1976 took place under different conditions, the Commission - taking into consideration the elements which constitute them - is of the opinion that they represent a well known starting point for allocations.

The use of the NEAFC keys would not, of course, meet the requirements of the Hague Resolution of the Council of 3 November, 1976. The effect of this Resolution is explained at paragraph 7 of Annex C to the Communication attached hereto. In brief, the Irish catch may be doubled from its 1975 level in the three year period 1977 - 1979 inclusive. Provision has also been made, in the case of North Britain, to meet the vital needs of local communities particularly dependent upon fishing in that area.

Losses in third country waters are compensated to the extent that gains to the Community are made by the reduction or elimination of third country catches in Community waters. These gains have been re-distributed to the member States in the cases of stocks fully covered in the present proposal. However, no specific compensation for losses in third country waters (or for losses due to restrictions to catch possibilities following from the proposed TACs or other conservation measures which the Commission proposes) have been built in to the allocations. Even apart from the fact that the concept of such losses remains to be defined more accurately and that it cannot at the present stage of the Community's negotiations with a number of third countries be presumed that all theoretically possible losses will in fact be sustained, these problems do not offer themselves to solution by the application of keys, due to the number of conflicting interests, the cross currents caused by the number and variety of interests and the impossibility of offering compensation in the same species as those in which the losses are taken without causing intolerable changes in fishing patterns, changes which might revolve the problem among member States rather than solve it.

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\* where available

4. The Commission's aim has been to put forward a clear basis for discussions in the Council and the NEAFC key provides that clear basis - as adjusted to take account of the Hague Resolution. In so far as aberrant results emerge from the calculations, the Commission obviously should alleviate them. Furthermore, in the light of discussions in the Council beginning from the bases described above and, if it helps the search for equitable solutions to problems concerning the distribution of catch quotas among member States, the Commission will make such additional proposals as it may consider necessary. There may remain technical corrections to be made as information is refined and there also remains gaps which need to be filled as soon as possible.

COMMUNICATION TO THE COUNCIL

The purpose of this communication is to describe the elements on which the proposal of the Commission providing for an arithmetical model relating to the catch possibilities available to Member State fishermen for the year 1978 is based.

Explanatory notes are enclosed relating respectively to :

- A. The stocks concerned
- B. The establishment of the total available catches.
- C. The procedure which has been followed relating to the allocations to the Member States.

Annex A

STOCKS CONSIDERED

1. The Commission proposals relate to the stocks listed by species in this annex under the following headings:

- internal stocks - situated within Community jurisdiction
- external stocks - situated outside Community jurisdiction but for which catch possibilities are being or have been arranged
- joint stocks - distributed across the boundary between the Community zone and the adjacent waters of a third country with whom reciprocal arrangements are being or have been made

2. Each stock is designated by the appropriate division or subdivision of ICES or I.C.N.A.F. , which is the commonly accepted description adopted in scientific circles. For some cases modifications to the boundary of an ICES zone are made in line with those adopted for statistical purposes by the relevant I.C.E.S. working groups, or for other reasons. The stock list is not exhaustive. It reflects the list made in the 1977 proposal of the Commission ; based on the most important stocks or areas for which I.C.E.S. Liaison Committee advice is available , other stocks which feature in discussions taking place with other states, and stocks existing in areas which it is considered necessary to bring into the Regulation for purposes of protection against erroneous catch reporting.

3. The list does not preclude the adoption of TAC's and quotas for other stocks in later years if their inclusion is shown to be desirable and if appropriate information is or becomes available.

The Stocks

A. Internal Stocks

I. with correction for Ireland

Cod	VII (except VII a), VII a
Haddock	VII
Whiting	VII
Saithe	VII
Plaice	VII a, VII g - k, VII b, c
Sole	VII a, VII g - k, VII b, c
Herring	VII e, f VII j, k VII b, c Celtic sea, VII a (Mourne)
	VII a (Mourne and Manx - summer)

II . With correction for Ireland and North Britain

Cod VI a , VI b  
Haddock VI a + b  
Whiting VI a + b  
Saithe VI  
Herring VI a  
Mackerel ( Western stock )

III. No correction

Plaice VII d,e VII f, VIII  
Sole IV, VII d,e , VII f, VIII  
Sprat IV  
Herring IV + VII d  
Cod XIV, ICNAF I  
Red Fish XIV  
R. Grenadier ICNAF I  
Halibut XIV  
Greenland Halibut XIV, ICNAF I

B. Joint Stocks

I. With correction for North Britain

Cod IV  
Haddock IV  
Whiting IV  
Saithe IV  
Norway Pout IV

II. Without correction

Plaice IV  
Mackerel ( Eastern stock )  
Hake VI + VII + VIII  
Sprat IV, III a  
Herring III a  
Cod III a

C. External Stocks ( examined for the purpose of calculating losses )

Cod I, II , V b  
Haddock I, II, V b  
Saithe I, II, V b  
Plaice V b

D. Special Stocks

Monk VI + VII + VIII  
Megrin VI + VII + VIII  
Blue Whiting VI a + IV  
Horse Mackerel - all areas

ANNEX B.-

TOTAL ALLOWABLE CATCHES

1. Where possible the Commission's proposals are based on the advice or TAC's made for 1978 by the I.C.E.S. Liaison Committee, or in some cases the appropriate I.C.N.A.F. publications. In most cases this means that the published recommendations have been followed without change, but in certain cases, where the Liaison Committee's advice is known to be out of date (eg. mackerel) or where amendments have been advisable for reasons connected with the distribution of the stock certain changes have been made.
2. Where no "official" scientific advice exists, or where measures are being taken for purposes of control, the TAC represents a "standstill" based either on the most recent catch level, or proposals presented and agreed to in the 1977 Commission proposal.
3. In the case of blue whiting, which is given special consideration as a developing fishery, the TAC has been set having regard to the uncertainties still existing about the absolute magnitude of the stock and, perhaps more importantly, the fact that the likely biological response of that stock to a rapid increase in exploitation cannot be foreseen at this stage.
4. In the case of joint stocks, the starting point is always a TAC recommended for the stock as a whole. Subsequently, as described in the model in Annex C, some account is taken of what is known about the relative distribution of catches with regard to the boundary. Here reference has been made to figures and general statements produced in the I.C.E.S. stock reviews published for a number of species this year.
5. The primary TAC's chosen for each stock are shown in Annex I to the proposed regulation, which includes as well that part of the TAC available to the Community.

EVALUATION OF CATCH POSSIBILITIES FOR 1978

- 1) What Member States can expect to catch in 1978 depends firstly on the state of the stocks, as expressed by the total allowable catch ( TAC ), and secondly on the way in which the TAC is allocated.
  
- 2) So far as TAC's are concerned , the advice embodied in the ICES Liaison Committee Report takes account of the required judgements about fishing mortality rates and recruitment. Changes in the TAC advocated by that report therefore represent changes required for conservation or natural reasons and represent an unavoidable point of departure within which the Community has to operate for biological reasons. This point has to be borne in mind when comparing the current Commission proposals against those of last year, or against catches obtained in previous years. In the case of North Sea haddock , for example, the 1978 TAC is 50 % below the TAC adopted by NEAFC in 1976 and it would be quite unrealistic for a Member State catching say 100 000 tons in 1976 to expect a similar catch level next year. This problem does not affect the possibilities evaluated for stocks for which the ICES TAC is based on recent average catch levels, or for which, for reasons of protection, the Community is required to adopt a standstill at the 1976 level.
  
- 3) Concerning allocation, the catch possibilities are made up from : the minimum definite catch which can be provided from the Community zone, potential losses and potential gains arising from relations with reciprocal third countries, potential gains available in certain non-reciprocal third country waters and potential gains arising from the exclusion of certain non-reciprocal third countries from Community waters. In the first instance these elements have been identified relative to the 1978 TAC 's using
  - i ) a primary allocation based either on the allocation adopted by NEAFC in fixing quotas for 1976 or, where such does not exist, the relative proportion of the different countries' catches in 1976.
  - ii ) for stocks conjoint with the waters of reciprocal third countries, as realistic an assessment as possible of the



relative distribution of catches across the boundary between the EEC zone and the third country zone based on information published recently in the ICES stock reviews, extrapolated where necessary to countries for which no information has been available.

- 4) In the case of 1) above, the adoption of the NEAFC quotas or the 1976 catch proportions is justified by the following considerations
- i) Statistical treatments aimed at getting a reference period likely to be satisfactory to all Member States have been examined. None can satisfy everybody. Depending on whether a country has a rising or falling trend, or a steady but variable trend, the result of any averaging procedure is biased in one direction or another;
    - ii) 1976, being the latest year, represents the catch expectations to which individual fleets have already to some extent adjusted;
    - iii) NEAFC quota keys represent allocations about which at least some measure of agreement has been possible in the past within International Fisheries Commissions.
- 5) In the case of joint stocks assumptions have to be made about the outcome of negotiations; for example, about the expected outcome of the phase-down situation in the case of Norway and the likely balance of catch possibilities with countries like Faroes and Sweden. In certain cases problems have also arisen owing to the fact that the latest catches by these countries are not yet reported to ICES.
- 6) The second stage in allocation is to adopt these basic distributions by redistributing catches expected to be available by the exclusion of non reciprocal third countries and, in the case of joint stocks, by adding the expected catches from the reciprocal third country waters. Where special needs for North Britain are being considered it is these two elements above which are principally used for the necessary augmentation.
- 7) The basic criteria specific to the terms of the Hague Resolution are as follows
- i) The procedure is based on the 1975 Irish catch, which has been raised by two thirds on a stock by stock basis. In these cases the additional amounts given to Ireland come from the catch formerly taken by certain third countries or from other Member States.

ii) For North Britain, the objective has been to choose a base period during the last decade, for which artisanal fishermen had their essential needs met by the catches taken from the North Sea and the West of Scotland areas. In principle this catch becomes the minimum which the model attempts to make available to North British fishermen for 1978. The criterion chosen has been taken with reference to the catch of boats of under 80 feet in length at those ports in North Britain dependent mainly on fishing, using statistics provided for this by the Member State concerned.

It should be pointed out that the adjustments for special needs have as a first step proceeded on the basis of catch levels as described above. However, where the stocks are changing in abundance, a given guarantee on catch must be viewed against the practical possibility of the relevant Member State fleet actually being able to take that catch under biological situation obtaining. Similarly, the effect of redistributing catches available from third countries may be to change the balance of fishing compared to former years. The Commission is aware of these possibilities and where the result is obviously aberrant in this respect this has been noted.

- 8) Finally it must be noted that where reciprocal third countries are involved <sup>as</sup> the end result of the allocation must necessarily be preliminary discussion must eventually be had with these countries.
- 9) There follows a brief check-list on the steps taken in the case of the various categories of stocks. The summary flow chart shows the background framework of the operation.

### Internal Stocks

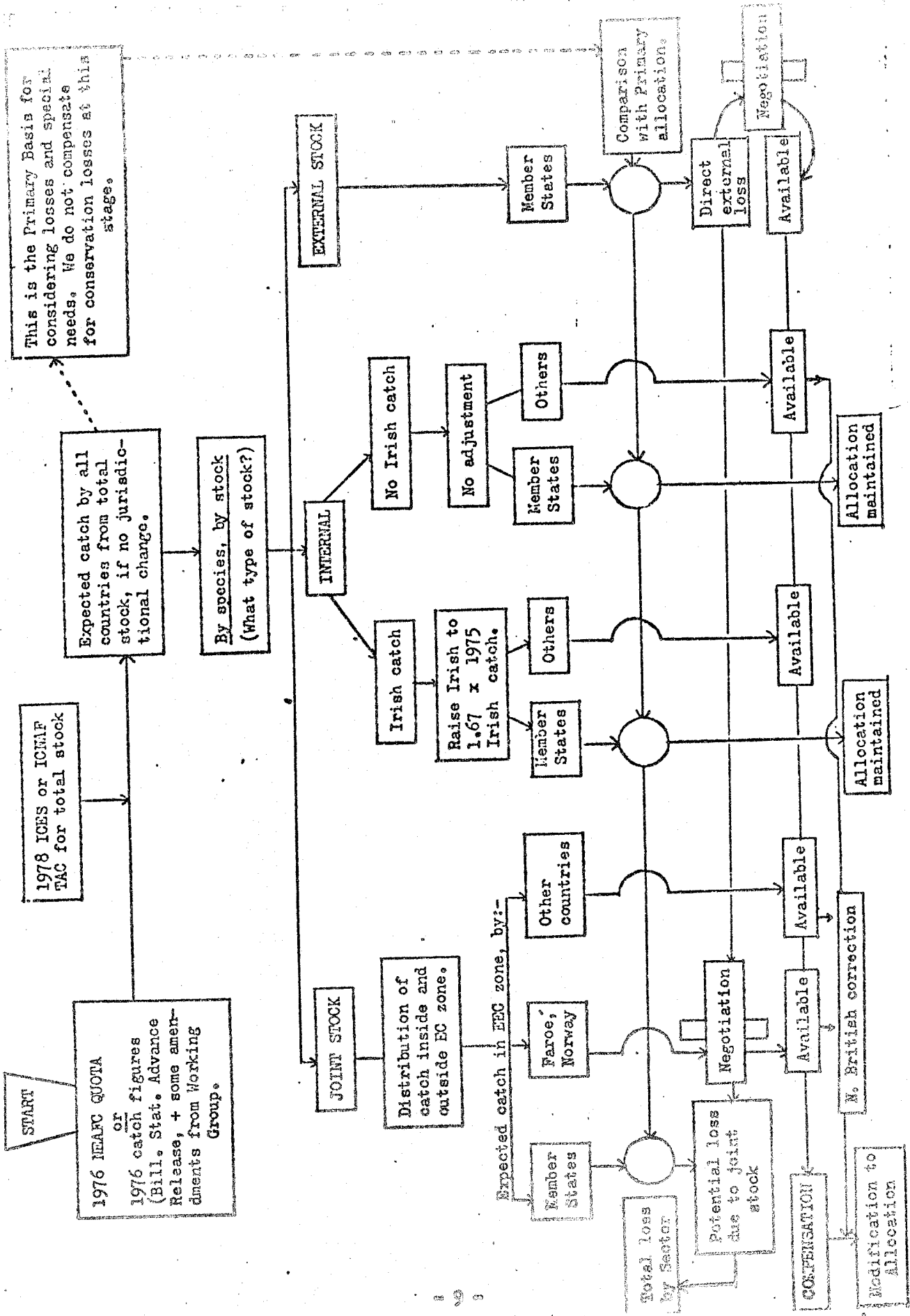
1. Take NEAFC quota or 1976 catch distribution
2. Apply 1978 TAC to give "expected" 1978 distribution
3. Replace Irish catch where relevant by the raised 1975 catch
4. Reproportion the remainder of the TAC
5. Calculate the special needs for North Britain and obtain from non-reciprocal third country catches or, where this is insufficient, from other Member States. If needs are already met, then, of course, no adjustment is made
6. In certain cases the original NEAFC quotas included an allocation under the title "others". For the moment this has been left for redistribution at a later date

### Joint Stocks

1. Steps 1 and 2 as above
2. Calculate distribution of expected 1976 quota on this basis between EEC zone and Norwegian zone
3. Adjust EEC and Norwegian catch according to the formula likely to flow from the framework agreement
4. Consider the special needs for North Britain. Adjust the UK catch available from exclusion of non-reciprocal third countries, from other Member States, and in extreme cases, that likely to be available from the reciprocal waters
5. Where a surplus of available catch remains this is redistributed proportionately to the Member States (except North Britain)
6. i) check the practical capacity of the special needs fleet to take the special needs catch under the biological situation obtaining  
or  
ii) check that the special needs catch is equivalent to the maintenance of an appropriate level of activity

### External stocks

1. Steps 1 and 2 as before
2. Calculate approximate catch possibilities likely to be negotiated by the Community
3. Distribute to the Member States in proportion to their previous share of the Member States catches in these waters



**PROPOSAL FOR A**

**COUNCIL REGULATION (EEC)**

**defining for 1978 measures for conservation  
and management of fishery resources  
by the establishment of catch quotas**

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Explanatory memorandum

1. The present document provides an evaluation of catch possibilities for fishermen of Member States of the Community for the year 1978, based primarily on stocks in the waters under sovereignty or jurisdiction of Member States; but with additional expected possibilities to be obtained for stocks outside those waters as a result of agreements with third Countries.

The limitation of catches proposed is one of the steps of an appropriate policy for the protection of fisheries to ensure the conservation and reconstitution of stocks so as to maintain or achieve the rational use of the fishery resources in the interests of both fishermen and consumers.

2. The catch possibilities have been evaluated on a stock by stock basis within a limit determined by total allowable catches for 1978 set for the stocks important to Community fishermen, or for fishing areas where TAC's are considered to be necessary for protection. TAC's were adopted in line with ICES Liaison Committee advice modified in some cases where the situation is known to have changed. The proposals therefore take into account the current evolution of the stocks. The short term interests have been weighted against long term interests on the basis of scientific advice about the relation between the level of stock and the level of fishing.

Where no liaison Committee advice is available, a standstill, based on the 1976 catch level, or on the Commission's proposals of last year, was used. In certain other cases TAC's have been set as a result of special consideration being given to developing fisheries.

3. In making allocations, the Commission has used the recommended TAC's and where possible has followed standard procedures except where account is taken of special needs.

The precise method of allocation between Member States depends on the several categories of stocks being considered.

The aim has been to identify clearly the different elements available for allocation and to use them in a way which takes account of the terms of the Council Resolution of the Hague , 3 November 1976. There are, however, several cases where, for special reasons, an ad hoc approach has been unavoidable.

The Council resolution of the Hague has been implemented by giving Ireland an increase of two thirds over its 1975 catches for the relevant stocks and by giving special consideration to the catch levels to be given to the fishermen of North Britain.

These adjustments having been made, the remainder is shared on the basis of the general NEAFC key as was used in 1976 so as to take into account also past and present performance.

This procedure is applied , where relevant, to about sixty stocks.

In the case of joint stocks, TAC allocations have been made on an estimate, based on the best scientific information available, as to where the stocks occur. In respect to these joint stocks the need for adjustment to allow for phasing-down has also been taken into consideration.

In addition the Commission has worked on certain hypotheses concerning the likely fishing possibilities available to Community fishermen in third country waters in 1978 and vice-versa.

The result is a series of tables which end in proposed allocations for 1978 for each of the member States, stock by stock.

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4. In the case of fish resources in Greenland waters, the Commission will shortly be in a position from a scientific point of view to make proposals on TACs. However, further consultation on this subject is necessary before proposals on TACs and allocations can be completed. These further consultations will take place as soon as possible.

Concerning the Skagerak and Kattegat, the Commission has noted the recent information provided by the Danish government to the effect that, from 1 January 1978, it will extend its jurisdiction to median lines. It results from this that the Commission should put forward proposals concerning TACs and allocations of important fish species in these areas. The necessary examinations have now begun. Member States, particularly those with special knowledge in the matter, have been invited to assist the Commission by lending their scientists so that the necessary bases can be found for determining TACs and the division of TACs between the Community and third countries. When these preliminary examinations have been made the Commission will be in a position to make proposals concerning fish resources in these areas.

As far as fishing in French Guyana is concerned it has to be noted that fixation of a TAC for shrimps in those waters is still under examination.



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PROPOSAL FOR A  
COUNCIL REGULATION (EEC)

defining for 1978 measures for conservation  
and management of fishery resources by the  
establishment of quotas.

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THE COUNCIL OF THE EUROPEAN COMMUNITIES,

Having regard to the Treaty establishing the European Economic Community,

Having regard to Regulation (EEC) N° /77 from the Council, of  
establishing a Community system for the conservation and management of fishery  
resources(1)

Having regard to the proposal from the Commission,

Whereas the Community system for the conservation and management of fishery  
resources provides for conservation measures which may include restrictions on  
fishing in particular by limits on catches to ensure protection of fishing  
grounds and stocks allowing a balanced exploitation of fishery resources in the  
interests of both fishermen and consumers;

Whereas for each species for which it becomes necessary to limit catches, it is  
therefore important to fix a total allowable catch for each stock or group of  
stocks to preserve fishing possibilities in the years to come;

Whereas the overall catch that may be taken by the Member States has to be shared  
equitably; that for the distribution it is therefore important to take into  
account the vital needs and the economic development possibilities to coastal  
populations particularly dependant on fishing and related industries;

HAS ADOPTED THIS REGULATION :

Article 1

The total allowable catch per stock or group of stocks in waters subject  
to the sovereignty or jurisdiction of the Member States and to Community regula-  
tion on fishery shall be for 1978 as laid down in Annex I to this Regulation.

Article 2

Each Member State may fish the individual quotas laid down in Annex II  
to this Regulation.

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Article 3

This Regulation shall enter into force on 1 January 1978.

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

## ANNEX I

TAC'S FOR 1976 OR 1967 CATCHES AND TAC'S  
FOR 1978 BY SPECIES AND BY AREAS AND PROPORTION AVAILABLE TO THE COMMUNITY

Espèce	Division du CIEM	TAC ou capture <sup>*1</sup> 1976 (en tonnes)	TAC Total 1978 (en tonnes)	Allocations aux E.M. 1978
Cabillaud	IV	236 000	220 000	197 944
Cabillaud	VI a	17368 *1	19 000	18 958
Cabillaud	VI b	1 563 *1	1 299	118
Cabillaud	VII a	10 170 *1	8 600	8 600
Cabillaud	VII sauf VII a	8 382 *1	11 400	11 400
Eglefin	IV	206 250 *1	106 000	89 610
Eglefin	VI a	18 755 *1	10 400	10 400
Eglefin	VI b	43 243 *1	2 000	1 995
Eglefin	VII	5 035 *1	8 000	8 000
Lieu Noir	IV	266 313 *1	200 000	162 418
Lieu Noir	VI a + VI b	40 770 *1	20 000	19 999
Lieu Noir	VII	4 985 *1	4 880	4 880
Merlan	IV	189 000 *1	161 000	146 029
Merlan	VI a + VI b	24 115 *1	16 600	16 599
Merlan	VII	31 019 *1	25 000	25 000
Plie	IV	99 900	95 000	91 795
Plie	VII d + VII e	3 340	3100	3044
Plie	VII f	640	400	394
Plie	VII a	4 150	4 000	4 000
Plie	VII b + VII c	142 *1	265	265

\*1 indicates catch level (no TAC available)

Espèce	Division du CIEM	TAC ou capture <sup>*1</sup> 1976 (en tonnes)	TAC Total 1978 (en tonnes)	Allocations aux E.M. 1978
Plie	VII g -k	823 <sup>*1</sup>	928	928
Plie	VIII	185 <sup>*1</sup>	189	189
Sole	IV	12 500	8 000	7 968
Sole	VII d + VIIe	1 450	1 500	1 474
Sole	VII f	700	600	592
Sole	VII a	1 670	1 400	1 392
Sole	VII b,c	50 <sup>*1</sup>	50	50
Sole	VII g -k	1 018 <sup>*1</sup>	1 028	1 028
Sole	VIII	3 068 <sup>*1</sup>	3 068	3 068
Marquereau	IV	311 076 <sup>*1</sup>	190 000	28 442
Marquereau	VI, VII, et VIII	477 721 <sup>*1</sup>	239 000	219 082
Sprat	IV	650 500	400 000	296 350
Chinchard	IV + III a, VI, VII et VIII	272 570 <sup>*1</sup>	250 000	230 000
Merlu	VI, VII, VIII	65 544 <sup>*1</sup>	34 970	19 970
Tacaud Norvégien	IV	500 000 <sup>*1</sup>	500 000	272 000
Merlan bleu (poutassou)	IV + VI	pas de données	600 000	500 000
Baudroie	VI, VII et VIII	28 780 <sup>*1</sup>	17 282	15 782
Cardine	VI, VII et VIII	22 916 <sup>*1</sup>	9 821	8 321

\*1 catch level ( no TAC available )

Espèce	Division du CIME	TAC ou capture <sup>*1</sup> 1976 (en tonnes)	TAC Total 1976 (en tonnes)	Allocations aux E.M. 1976
Hareng	IV, VII d IIIa Nord	160 000	0	0
Hareng	VIIg,h(1)	1-7-1975 - 30-6 1976: 25 000 1-7-1976 - 30-6 1977: 16 800	0	0
Hareng	VII j,k	pas de données	1 330	1 330
Hareng	VII a (Mourne)	6 594 <sup>*1</sup>	0	0
Hareng	VII a (2) (Manx)	11 573 <sup>*1</sup>	12 500	12 500
Hareng	VII b,c(3)	20 372 <sup>*1</sup>	10 000	10 000
Hareng	VI a	136 000	64 000	54 600
Hareng	VII e,f	1 479 <sup>*1</sup>	0	0

- (1) Augmenté de la zone délimitée au Nord par la latitude 52° 30' Nord, au Sud par la latitude 52° 00' Nord, à l'Ouest par la côte irlandaise, à l'Est par la longitude 6° 30' Ouest.
- (2) Diminué de la zone délimitée au Nord par la latitude 52° 30' Nord, au Sud par la latitude 52° 00' Nord, à l'Ouest par la côte irlandaise, à l'Est par la longitude 6° 30' Ouest.
- (3) Excepté Donegal Bay.

Espèce	Division du CIEM	TAC ou capture 1976 (en tonnes)	*1	TAC total 1978 en tonnes	Allocations aux E.M. 1978
Flétan	XIV	144	*1	*2	*2
Cabillaud	XIV	12.663		*2	*2
Rascasse	XIV	113.651	*1	*2	*2
Flétan noir	XIV	273	*1	*2	*2
Division de l'ICNAF					
Flétan noir	I	20.000		*2	*2
Grenadier de Roche	I	13.500		*2	*2
Crevettes	I	49.673	*1	*2	*2
Cabillaud		45.100		*2	*2

\*1 Indicates patch level (no TAC available)

\*2 Not yet available

Espèce	Région Géographique	Division du CIEM	TAC ou capture *1 (en tonnes) 1976	TAC total (en tonnes) 1978	Allocations aux E.M. 1978
Cabillaud	Skagerak & Kattegat	IIIa	38,146 *1	*2	*2
Eglefin	" "	"	9,085 *1	*2	*2
Merlan	" "	"	18,601 *1	*2	*2
Lieu noir	" "	"	24,488 *1	*2	*2
Plie	" "	"	24,394 *1	*2	*2
Sole	" "	"	606 *1	*2	*2
Hareng	" "	"	84,283 *1	*2	*2
Macquereau	" "	"	3,081 *1	*2	*2
Sprat	" "	"	92,657 *1	*2	*2

\*2 not yet available



Espèces	Division du CIEM	TAC ou capture *1 (en tonnes) 1976	TAC Total (en tonnes) 1978	Allocations aux E.M. 1978
Cabillaud	IIId	219.330 *1	444.000	60.400
Hareng	"	372.442 *1	173.800	35.800
Sprat	"	188.411 *1	184.000	11.000

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Espèces	Division du CIEM	TAC ou capture <sup>*1</sup> (en tonnes) 1976	TAC Total (en tonnes) 1978	Allocations aux E.M. 1978
Cabillaud	I + II	810.000	Subject to negotiations	
"	Vb	40.813 *1	"	
Eglefin	I + II	133.422 *1	"	
"	Vb	26.191 *1	"	
Cabillaud & Eglefin	Va + Vb	52.000	"	
Lieu noir	I + II	224.020 *1	"	
Merlan	Va + Vb	3.833 *1	"	
"	Vb	280 *1	"	
Merlang Atlantique	ICNAF 5 } " 6 }	67.000	?	2.000
Macquereau Atlantique	" 3 } " 4 }	56.000	?	2.400
"	" 5 } " 6 }	254.000		
Cabillaud	ICNAF except 0 & I	?	?	10.685
Flie Américaine	"	?	?	700
Encornets et autres invertébrés	"	?	?	3.120

Division du CIEM			
Cabillaud	Va	347.849	*1
Lieu noir	Va	81.996	*1
Plie	Va	31	
Eglefin	Va	42.367	*1

\* 1 indicates catch level (no TAC available)

Espèces	Région Géographique	TAC ou capture *1 (en tonnes) 1976	TAC Total (en tonnes) 1978	Allocations aux E.M.19
Crevettes	Guyane Française	*2	*2	*2

\*2 not yet available .

ANNEX II

CALCULATION OF  
QUOTAS PER MEMBER STATE PER SPECIES

STOCK			Member State	Quota 1976
Species	Geographical Regions	ICES Division		
Plaice	Irish Sea	VII a	Belgium	173
			Denmark	
			Fed. Rep. Germany	
			France	192
			Ireland	1 407
			Italy	
			Netherlands	18
			United Kingdom	2 209
			Available for Member States	
			EEC Total	4 000
Plaice	West Ireland	VII b, c	Belgium	
			Denmark	
			Fed. Rep. Germany	
			France	9
			Ireland	256
			Italy	
			Netherlands	
			United Kingdom	
			Available for Member States	
			EEC Total	265

STOCK			Member State	Quota 1978
Species	Geographical Regions	ICES Division		
Plaice	English Channel	VII d, e	Belgium	140
			Denmark	
			Fed. Rep. Germany	
			France	1 745
			Ireland	
			Italy	
			Netherlands	
			United Kingdom	1 159
			Available for Member States	56
			EEC Total	3 100
Plaice	Bristol Channel	VII f	Belgium	63
			Denmark	
			Fed. Rep. Germany	
			France	81
			Ireland	
			Italy	
			Netherlands	
			United Kingdom	250
			Available for Member States	6
			EEC Total	400

STOCK			Member State	Quota 1976
Species	Geographical Regions	ICES Division		
Plaice	South Ireland	VII g-k	Belgium	248
			Denmark	
			Fed. Rep. Germany	
			France	277
			Ireland	300
			Italy	
			Netherlands	87
			United Kingdom	16
			Available for Member States	
			EEC Total	928
Plaice	Bay of Biscay	VIII	Belgium	4
			Denmark	
			Fed. Rep. Germany	
			France	184
			Ireland	-
			Italy	
			Netherlands	1
			United Kingdom	
			Available for Member States	
			EEC Total	189

STOCK			Member State	Quota 1976
Species	Geographical Regions	ICES Division		
Sole	Irish Sea	VII a	Belgium	624
			Denmark	
			Fed. Rep. Germany	
			France	130
			Ireland	40
			Italy	
			Netherlands	208
			United Kingdom	390
			Available for Member States	8
			EEC Total	1 400
Sole	West Ireland	VII b,c	Belgium	
			Denmark	
			Fed. Rep. Germany	
			France	18
			Ireland	32
			Italy	
			Netherlands	
			United Kingdom	
			Available for Member States	
			EEC Total	50



STOCK			Member State	Quota 1975
Species	Geographical Regions	ICES Division		
Sole	English Channel	VII d, e	Belgium	155
			Denmark	
			Fed. Rep. Germany	
			France	900
			Ireland	
			Italy	
			Netherlands	
			United Kingdom	419
			Available for Member States	26
			EEC Total	1 500
Sole	Bristol Channel	VII f	Belgium	343
			Denmark	
			Fed. Rep. Germany	
			France	86
			Ireland	
			Italy	
			Netherlands	
			United Kingdom	163
			Available for Member States	8
			EEC Total	600

STOCK			Member State	Quota 1970
Species	Geographical Regions	ICES Division		
Sole	South Ireland	VII g, k	Belgium	638
			Denmark	
			Fed. Rep. Germany	
			France	184
			Ireland	162
			Italy	
			Netherlands	33
			United Kingdom	11
			Available for Member States	
			EEC Total	1 028
Sole	Bay of Biscay	VIII	Belgium	26
			Denmark	
			Fed. Rep. Germany	
			France	2 968
			Ireland	-
			Italy	
			Netherlands	74
			United Kingdom	
			Available for Member States	
			EEC Total	3 068

STOCK			Member State	Quota 1978
Species	Geographical Regions	ICES Division		
Cod	West and South Ireland Bristol Channel English Channel	VII except VII a	Belgium	414
			Denmark	2 090
			Fed. Rep. Germany	
			France	7 713
			Ireland	790
			Italy	
			Netherlands	64
			United Kingdom	329
			Available for Member States	
			EEC Total	11 400
Cod	Irish Sea	VII a	Belgium	135
			Denmark	
			Fed. Rep. Germany	
			France	1 013
			Ireland	5 795
			Italy	
			Netherlands	45
			United Kingdom	1 613
			Available for Member States	
			EEC Total	8 600

STOCK			Member State	Quota 1978
Species	Geographical Regions	ICES Division		
Haddock	Irish Sea Bristol Channel West and South Ireland English Channel	VII	Belgium	77
			Denmark	-
			Fed. Rep. Germany	5
			France	6 735
			Ireland	1 008
			Italy	-
			Netherlands	28
			United Kingdom	147
			Available for Member States	
			EEC Total	8 000
<del>WHITING</del> WHITING	Irish Sea Bristol Channel West and South Ireland English Channel	VII	Belgium	215
			Denmark	11
			Fed. Rep. Germany	-
			France	10 481
			Ireland	10 847
			Italy	-
			Netherlands	104
			United Kingdom	3 342
			Available for Member States	
			EEC Total	25 000

STOCK			Member State	Quota 1976
Species	Geographical Regions	ICES Division		
Saithe	Irish Sea Bristol Channel West and South Ireland English Channel	VII	Belgium	28
			Denmark	4
			Fed. Rep. Germany	
			France	2 608
			Ireland	1 742
			Italy	
			Netherlands	94
			United Kingdom	405
			Available for Member States	
			EEC Total	4 880
Sole	North Sea	IV	Belgium	768
			Denmark	384
			Fed. Rep. Germany	320
			France	224
			Ireland	
			Italy	
			Netherlands	5 888
			United Kingdom	384
			Available for Member States	32
			EEC Total	8 000

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STOCK			Member State	Quota 1973
Species	Geographical Regions	ICES Division		
Cod	West of Scotland	VIa	Belgium	77
			Denmark	-
			Fed.Rep.Germany	1
			France	6 057
			Ireland	1 905
			Italy	-
			Netherlands	12
			United Kingdom	10 906
			Available for Member States	-
			EEC Total	13 953
Cod	Rockall	VIb	Belgium	1
			Denmark	-
			Fed.Rep.Germany	-
			France	3
			Ireland	--
			Italy	-
			Netherlands	-
			United Kingdom	114
			Available for Member States	-
			EEC Total	113

STOCK			Member State	Quota 1978
Species	Geographical Regions	ICES Division		
Haddock	West of Scotland	VI a	Belgium	20
			Denmark	8
			Fed. Rep. Germany	17
			France	1 733
			Ireland	1 000
			Italy	-
			Netherlands	17
			United Kingdom	7 599
			Available for Member States	-
			EEC Total	10 400
Haddock	Rockall	VI b	Belgium	24
			Denmark	-
			Fed. Rep. Germany	-
			France	3
			Ireland	-
			Italy	-
			Netherlands	-
			United Kingdom	1 969
			Available for Member States	-
			EEC Total	1 995

STOCK			Member State	Quota 1978
Species	Geographical Regions	ICES Division		
Whiting	West of Scotland and Rockall	VI a + b	Belgium	9
			Denmark	-
			Fed. Rep. Germany	1
			France	2 259
			Ireland	4 056
			Italy	-
			Netherlands	157
			United Kingdom	10 117
			Available for Member States	-
			EEC Total	16 600
Saithe	West of Scotland and Rockall	VI a + b	Belgium	50
			Denmark	1
			Fed. Rep. Germany	267
			France	15 254
			Ireland	521
			Italy	-
			Netherlands	235
			United Kingdom	3 621
			Available for Member States	-
			EEC Total	20 000



STOCK			Member State	Quota 1976
Species	Geographical Regions	ICES Division		
Cod	North Sea	IV	Belgium	13 498
			Denmark	38 117
			Fed. Rep. Germany	22 449
			France	15 359
			Ireland	-
			Italy	-
			Netherlands	24 168
			United Kingdom	84 353
			Available for Member States	-
			EEC Total	197 944
Whiting	North Sea	IV	Belgium	3 451
			Denmark	66 243
			Fed. Rep. Germany	2 547
			France	25 183
			Ireland	-
			Italy	-
			Netherlands	12 890
			United Kingdom	35 715
			Available for Member States	-
			EEC Total	146 029

STOCK			Member State	Quota 1972
Species	Geographical Regions	ICES Division		
Haddock	North Sea	IV	Belgium	1 145
			Denmark	19 666
			Fed. Rep. Germany	2 385
			France	3 848
			Ireland	-
			Italy	-
			Netherlands	5 218
			United Kingdom	57 348
			Available for Member States	-
			EEC Total	89 610
Saithe	North Sea	IV	Belgium	169
			Denmark	41 074
			Fed. Rep. Germany	45 012
			France	42 148
			Ireland	-
			Italy	-
			Netherlands	8 227
			United Kingdom	25 788
			Available for Member States	-
			EEC Total	162 418

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STOCK			Member State	Quota 1972
Species	Geographical Regions	ICES Division		
Plaice	North Sea	IV	Belgium	4 469
			Denmark	22 236
			Fed.Rep.Germany	4 469
			France	1 997
			Ireland	-
			Italy	-
			Netherlands	33 805
			United Kingdom	24 819
			Available for Member States	-
			EEC Total	91 795
Sprat	North Sea	IV	Belgium	-
			Denmark	232 240
			Fed.Rep.Germany	1 321
			France	-
			Ireland	-
			Italy	-
			Netherlands	928
			United Kingdom	61 861
			Available for Member States	-
			EEC Total	296 350

STOCK			Member State	Quota 1972
Species	Geographical Regions	ICES Division		
Mackerel	North Sea	IV	Belgium	240
			Denmark	19 453
			Fed. Rep. Germany	233
			France	2 128
			Ireland	-
			Italy	-
			Netherlands	1 742
			United Kingdom	4 646
			Available for Member States	-
			EEC Total	28 442
Norway Pout	North Sea	IV	Belgium	-
			Denmark	252 000
			Fed. Rep. Germany	-
			France	-
			Ireland	-
			Italy	-
			Netherlands	-
			United Kingdom	20 000
			Available for Member States	-
			EEC Total	272 000

STOCK			Member State	Quota 1976
Species	Geographical Regions	ICES Division		
Blue Whiting	North Sea	IV	Belgium	
			Denmark	
			Fed. Rep. Germany	
			France	
			Ireland	
			Italy	
			Netherlands	
			United Kingdom	
			Available for Member States	500 000
			EEC Total	500 000
			Belgium	
			Denmark	
			Fed. Rep. Germany	
			France	
			Ireland	
			Italy	
			Netherlands	
			United Kingdom	
			Available for Member States	
			EEC Total	

STOCK			Member State	Quota 1978
Species	Geographical Regions	ICES Division		
Mackerel	Western - West of Scotland Irish Sea, Bristol Channel, West and South Ireland, Bay of Biscay	VI + VII + VIII	Belgium	15
			Denmark	-
			Fed. Rep. Germany	581
			France	49 856
			Ireland	18 850
			Italy	-
			Netherlands	22 296
			United Kingdom	127 484
			Available for Member States	-
			EEC Total	219 082
Hake	West of Scotland, Irish Sea, Bristol Channel, West and South Ireland, Bay of Biscay	VI + VII + VIII	Belgium	248
			Denmark	-
			Fed. Rep. Germany	2
			France	17 790
			Ireland	- 200
			Italy	-
			Netherlands	1
			United Kingdom	1 729
			Available for Member States	-
			EEC Total	19 970

STOCK			Member State	Quota 1972
Species	Geographical Regions	ICES Division		
Monk	West of Scotland, Irish Sea, British Channel West and South Ireland Bay of Biscay	VI + VII + VIII	Belgium	555
			Denmark	-
			Fed. Rep. Germany	6
			France	12 669
			Ireland	8
			Italy	-
			Netherlands	27
			United Kingdom	2 517
			Available for Member States	-
			EEC Total	15 782
Megrim	West of Scotland, Irish Sea, British Channel West, South Ireland, Bay of Biscay	VI + VII + VIII	Belgium	153
			Denmark	-
			Fed. Rep. Germany	-
			France	7 324
			Ireland	339
			Italy	-
			Netherlands	2
			United Kingdom	503
			Available for Member States	-
			EEC Total	8 321

STOCK			Member State	Quota 1973
Species	Geographical Region	EEC Division		
Horse Mackerel	North Sea, West Scotland, Irish Sea, Bristol Channel, West, and South Ireland Bay of Biscay	IV, VI, + VII + VIII	Belgium	
			Denmark	
			Fed. Rep. Germany	
			France	
			Ireland	
			Italy	
			Netherlands	
			United Kingdom	
			Available for Member States	230 000
			EEC Total	230 000
			Belgium	
			Denmark	
			Fed. Rep. Germany	
			France	
			Ireland	
			Italy	
			Netherlands	
			United Kingdom	
			Available for Member States	
			EEC Total	



STOCK			Member State	Quota 1978
Species	Geographical Regions	ICES Division		
Herring	North Sea Eastern English Channel	IV, VIIId	Belgium	
			Denmark	
			Fed. Rep. Germany	
			France	
			Ireland	
			Italy	
			Netherlands	
			United Kingdom	
			Available for Member States	-
			EEC Total	0
Herring	Western English Channel Bristol Channel	VII e, f	Belgium	
			Denmark	
			Fed. Rep. Germany	
			France	
			Ireland	-
			Italy	
			Netherlands	
			United Kingdom	
			Available for Member States	-
			EEC Total	0

STOCK			Member State	Quota 1976
Species	Geographical Regions	ICES Division		
Herring	Celtic Sea	VII g,h <sup>x</sup>	Belgium	-
			Denmark	-
			Fed. Rep. Germany	-
			France	-
			Ireland	-
			Italy	-
			Netherlands	-
			United Kingdom	-
			Available for Member States	-
			EEC Total	0
Herring	West Celtic Sea	VII j,k	Belgium	-
			Denmark	-
			Fed. Rep. Germany	-
			France	-
			Ireland	1 330
			Italy	-
			Netherlands	-
			United Kingdom	-
			Available for Member States	-
			EEC Total	1 330

<sup>x</sup> Augmented by zone bounded : - to north by latitude 52°30' North;  
to south by latitude 52°00' North;  
to west by coast of Ireland;  
to east by longitude 6°30' West.

STOCK			Member State	Quota 1978
Species	Geographical Regions	ICES Division		
Herring	Irish Sea (Mourne Stock)	VIIe <sup>x1</sup>	Belgium	-
			Denmark	-
			Fed. Rep. Germany	-
			France	-
			Ireland	-
			Italy	-
			Netherlands	-
			United Kingdom	-
			Available for Member States	-
			EEC Total	0
Herring	Irish Sea Manx + Mourne (summer)	VIIa <sup>x2</sup>	Belgium	-
			Denmark	-
			Fed. Rep. Germany	-
			France	366
			Ireland	2 146 -
			Italy	-
			Netherlands	715
			United Kingdom	9 273
			Available for Member States	-
			EEC Total	12 500

<sup>x2</sup> In both cases VIIa is diminished by the area added to the Celtic Sea as on the previous page, - also :

<sup>x1</sup> Refers to Mourne stock within 12 miles of coast of Ireland and Northern Ireland.

<sup>x2</sup> Refers to herring caught round the Isle of Man, and in summer between the Isle of Man and the coast of Northern Ireland, outside 12 miles.

STOCK			Member State	Quota 1970
Species	Geographical Regions	ICES Division		
Herring	West Ireland	VII b, c <sup>*</sup>	Belgium	-
			Denmark	-
			Fed. Rep. Germany	1
			France	0
			Ireland	9 293
			Italy	-
			Netherlands	706
			United Kingdom	-
			Available for Member States	-
			EEC Total	10 000
			Belgium	
			Denmark	
			Fed. Rep. Germany	
			France	
			Ireland	-
			Italy	
			Netherlands	
			United Kingdom	
			Available for Member States	
			EEC Total	

\* Except Donegal Bay.

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STOCK			Member State	Quota 1978
Species	Geographical Regions	ICES Division		
Herring	West of Scotland	VIa <sup>*</sup>	Belgium	-
			Denmark	200
			Fed. Rep. Germany	3 700
			France	1 200
			Ireland	7 500
			Italy	-
			Netherlands	3 000
			United Kingdom	39 000
			Available for Member States	-
			EEC Total	54 600
			Belgium	
			Denmark	
			Fed. Rep. Germany	
			France	
			Ireland	
			Italy	
			Netherlands	
			United Kingdom	
			Available for Member States	
			EEC Total	

\* Donegal Bay included.

STOCK			Member State	Quota 1978
Species	Geographical Regions	ICES Division		
Cod + Haddock	Faroe	V b	Belgium	3
			Denmark	
			Fed.Rep.Germany	102
			France	1 463
			Ireland	
			Italy	
			Netherlands	75
			United Kingdom	7 057
			Available for Member States	
			EEC Total	8 700
Cod + Haddock	NE Atlantic N of 62° N (Faroe excl.)	I + II	Belgium	
			Denmark	
			Fed.Rep.Germany	16 829
			France	12 211
			Ireland	
			Italy	
			Netherlands	54
			United Kingdom	40 548
			Available for Member States	
			EEC Total	69 642

STOCK			Member State	Quota 1976
Species	Geographical Regions	ICES Division		
Saithe	Faroe	V b	Belgium	1
			Denmark	
			Fed. Rep. Germany	3 983
			France	16 309
			Ireland	
			Italy	
			Netherlands	98
			United Kingdom	9 608
			Available for Member States	
			EEC Total	30 000
Saithe	N.E. Atlantic N. of 62° N (Faroe excl.)	I + II	Belgium	5
			Denmark	
			Fed. Rep. Germany	15 609
			France	4 101
			Ireland	—
			Italy	
			Netherlands	5
			United Kingdom	3 780
			Available for Member States	
			EEC Total	23 500

STOCK			Member State	Quota 1976
Species	Geographical Regions	Division		
Atlantic Herring		ICNAF 5,6	Belgium	
			Denmark	
			Fed.Rep.Germany	
			France	
			Ireland	
			Italy	
			Netherlands	
			United Kingdom	
			Available for Member States	2 000
			EEC Total	
Atlantic Mackerel		ICNAF 3,4,5,6	Belgium	
			Denmark	
			Fed.Rep.Germany	
			France	
			Ireland	
			Italy	
			Netherlands	
			United Kingdom	
			Available for Member States	2 400
			EEC Total	



STOCK			Member State	Quota 1978
Species	Geographical Regions	Division		
American Plaice		ICNAF Except 0 and 1	Belgium	
			Denmark	
			Fed. Rep. Germany	
			France	
			Ireland	
			Italy	
			Netherlands	
			United Kingdom	
			Available for Member States	700
			EEC Total	
Squid		ICNAF Except 0 and 1	Belgium	
			Denmark	
			Fed. Rep. Germany	
			France	
			Ireland	
			Italy	
			Netherlands	
			United Kingdom	
			Available for Member States	3 120
			EEC Total	

STOCK			Member State	Quota 1976
Species	Geographical Regions	ICNAF Division		
Cod	West Atlantic	ICNAF area except I	Belgium	
			Denmark	1 598
			Fed.Rep.Germany	1 036
			France	7 399
			Ireland	
			Italy	
			Netherlands	
			United Kingdom	651
			Available for Member States	
			EEC Total	10 684
			Belgium	
			Denmark	
			Fed.Rep.Germany	
			France	
			Ireland	-
			Italy	
			Netherlands	
			United Kingdom	
			Available for Member States	
EEC Total				

STOCK			Member State	Quota 1973
Species	Geographical Regions	ICES Division		
COD	Mer Baltique	III d	Belgium	
			Denmark	
			Fed. Rep. Germany	
			France	
			Ireland	
			Italy	
			Netherlands	
			United Kingdom	
			Available for Member States	60400.
			EEC Total	
			Belgium	
			Denmark	
			Fed. Rep. Germany	
			France	
			Ireland	
			Italy	
			Netherlands	
			United Kingdom	
			Available for Member States	
			EEC Total	

STOCK			Member State	Quota 1978
Species	Geographical Regions	ICES Division		
SPRAT	Baltic Sea	III d	Belgium	
			Denmark	
			Fed. Rep. Germany	
			France	
			Ireland	
			Italy	
			Netherlands	
			United Kingdom	
			Available for Member States	11 000
			EEC Total	
			Belgium	
			Denmark	
			Fed. Rep. Germany	
			France	
			Ireland	
			Italy	
			Netherlands	
			United Kingdom	
			Available for Member States	
EEC Total				

STOCK			Member State	Quota 1978
Species	Geographical Regions	ICES Division		
HERRING	Baltic Sea	III d	Belgium	
			Denmark	
			Fed.Rep.Germany	
			France	
			Ireland	
			Italy	
			Netherlands	
			United Kingdom	
			Available for Member States	35 800
			EEC Total	
			Belgium	
			Denmark	
			Fed.Rep.Germany	
			France	
			Ireland	
			Italy	
			Netherlands	
			United Kingdom	
			Available for Member States	
			EEC Total	