



Council of the
European Union

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PECHE 436

NOTE

From: General Secretariat of the Council
To: Delegations

Subject: North-East Atlantic Fisheries Commission (NEAFC)
Recommendations for adoption from the 34th Annual Meeting of NEAFC (9
- 13 November 2015)

Delegations will find attached Recommendations adopted at the 34th Annual Meeting of NEAFC, which took place from 9 to 13 November 2015.

16 November 2015

President
Vice President
Heads of Delegation
All Contracting Parties

HOD 15/86

NOTIFICATION OF RECOMMENDATIONS ADOPTED AT THE THIRTY-FOURTH ANNUAL MEETING OF NEAFC, 9-13 NOVEMBER 2015

I am writing to formally notify you, in accordance with Article 11 of the Convention, of the recommendations adopted at the 34th Annual Meeting of NEAFC held between 9-13 November 2015.

These recommendations are:

- **Recommendation 1:** *Recommendation on Conservation and Management Measures for Deep and Shallow Pelagic Redfish in the Irminger Sea and adjacent waters in the NEAFC Convention Area for 2016;*
- **Recommendation 2:** *Recommendation on Conservation and Management Measures for Haddock in the NEAFC Regulatory Area for 2016;*
- **Recommendation 3:** *Recommendation on Conservation and Management Measures for Deep Sea Species in the NEAFC Regulatory Area in 2016*
- **Recommendation 4:** *Recommendation on Conservation and Management Measures for Roundnose Grenadier, Roughsnout Grenadier and other Grenadiers in the NEAFC Regulatory Area (Divisions Xb and XIc, and Subdivisions XIIa1 and XIVb1) for 2016;*
- **Recommendation 5:** *Recommendation on the Conservation and Management of Roundnose Grenadier, Roughsnout Grenadier and other Grenadiers in the NEAFC Regulatory Area on Hatton Bank and Rockall (ICES Subdivisions VIb1 and VIIc1 and VIIk1, and Subdivisions Vb1A and Division XIIb) for 2016;*
- **Recommendation 6:** *Recommendation on Conservation and Management Measures for Orange Roughy in the NEAFC Regulatory Area for 2016;*
- **Recommendation 7:** *Recommendation on Conservation and Management Measures for Porbeagle in the NEAFC Regulatory Area from 2016 to 2019;*
- **Recommendation 8:** *Recommendation on Conservation and Management Measures for Basking Shark in the NEAFC Convention Area for 2016 to*

- 2019;
- **Recommendation 9:** *To Amend Annex I.b and Annex V of the NEAFC Scheme of Control and Enforcement;*
 - **Recommendation 10:** *To Amend Article 11 and Annex VII of the NEAFC Scheme of Control and Enforcement;*
 - **Recommendation 11:** *To Amend Article 12.2 of the NEAFC Scheme of Control and Enforcement;*
 - **Recommendation 12:** *To Amend Annex V of the NEAFC Scheme of Control and Enforcement;*
 - **Recommendation 13:** *On Amending Recommendation 2:201, on Providing for the Collection of Statistical Information relating to Fisheries Beyond and Under the Fisheries Jurisdiction of the Contracting Parties.*

The texts of these recommendations are attached to this letter.

Please regard the date of this letter, 16 November 2015, as the formal notification date for the attached recommendations pursuant to Article 11.

Article 12 of the Convention on Future Multilateral Co-operation in the North-East Atlantic Fisheries lays down the arrangements by which recommendations enter into force and also the time periods within which, and under what circumstances, Contracting Parties may object to recommendations.

In accordance with Article 12(4), I will notify Contracting Parties immediately if an objection to any recommendation is received, and will confirm the dates of entry into force, which are of course dependent on whether objection procedures are invoked.

Finally, I should like to remind you that Article 15 of the Convention obliges Contracting Parties to take whatever steps are necessary to give effect to NEAFC recommendations, once these have become binding on Contracting Parties.

Kind regards



Stefán Ásmundsson
Secretary

Recommendation on Conservation and Management Measures for Deep and Shallow Pelagic Redfish in the Irminger Sea and adjacent waters in the NEAFC Convention Area for 2016

As proposed by Denmark (in respect of the Faroe Islands and Greenland) and the European Union, the Commission hereby adopts the following Recommendation pursuant to Articles 5 and 6 of the Convention:

Taking note of the most recent scientific advice from ICES on management measures for the deep and shallow redfish stocks, as well as advice on stock identity;

Considering that, in line with this scientific advice, it remains essential to significantly reduce the outtake of deep pelagic redfish and prohibit fishing on shallow pelagic redfish in the Irminger Sea and adjacent waters.

Considering the recent changes in fishing patterns for both deep pelagic and shallow pelagic redfish in the Irminger Sea and adjacent waters;

Recognising the need to improve current management measures for deep pelagic redfish and shallow pelagic redfish in the Irminger Sea and adjacent waters with the aim of achieving long-term stability;

Recognising however that an interim management measure for deep pelagic redfish in 2016 in the Irminger Sea and adjacent waters is required, based on the ICES advice recommending a catch level of less than 10,000 tonnes;

Recognising that the north-eastern area of the Irminger Sea and adjacent waters are important areas of larval extrusion, and that there is a particular need to protect the redfish and promote its recovery;

Agreeing that, in order to ensure this protection and subsequent recovery, it is also necessary to adopt effective control measures for this fishery;

In accordance with Articles 5 and 6 of the Convention, the Contracting Parties have agreed the following interim management measure for the pelagic redfish fisheries in the Irminger Sea and adjacent waters to apply for 2016:

1. TAC and quota allocation between Contracting Parties for the deep pelagic fishery

- a. The total allowable catches in the deep pelagic fishery in the Irminger Sea and adjacent waters by Contracting Parties in 2016 shall not exceed 8,500 tonnes.
- b. The Contracting Parties are allocated the following quota shares of the established TACs for 2016. These percentage shares are agreed on an *ad hoc* basis for 2016 and do not prejudice quota allocation schemes for subsequent periods.
 - i. Denmark, in respect of the Faroe Islands and Greenland 2,463 tonnes
(Faroe Islands 572 tonnes)
(Greenland 1,891 tonnes)
 - ii. European Union 1,313 tonnes
 - iii. Iceland 2,637 tonnes
 - iv. Norway 327 tonnes
 - v. Russian Federation 1,760 tonnes
- c. For 2016, each Party may transfer to 2017 unutilised quantities of up to 5% of the quota allocated to that Party for 2016. The quantity transferred shall be in addition to the quota allocated to the Party concerned in 2017. This quantity cannot be transferred further to the quotas for subsequent years.
- d. Each Party may authorise fishing by its vessels of up to 5% beyond the quota allocated to that Party in 2016. All quantities fished beyond the allocated quota for 2016 shall be deducted from that Party's quota allocated for 2017.
- e. Prior to the start of the fishing season, and in any event by 1 May, the Parties shall notify each other and the NEAFC Secretariat of the agreed transfers of quotas between the Parties.
- f. The Parties will provide information regarding quotas and catches in the format set out in the Appendix to this interim measure. Each Party shall, by 1 May 2016, provide updated information to the NEAFC regarding their total catches in 2015. The NEAFC Secretariat shall forward this information as soon as possible to all Contracting Parties.

2. Authorised fishing period

To enhance the protection of areas of larval extrusion, fisheries shall not commence prior to 10 May and shall not continue beyond 1 July.

3. TAC for the shallow pelagic fishery

Catches in the shallow pelagic fishery in the Irminger Sea and adjacent waters should take place outside the area referred in paragraph 4 of this measure. In accordance with the latest advice from ICES and in the absence of any agreed recovery plan, there shall be no fishery during 2016 in the NEAFC Convention Area. NAFO shall be informed of this prohibition. Fisheries for future years will depend upon the establishment of a recovery plan for the shallow redfish in the Irminger Sea and adjacent waters, as well as on any new scientific advice.

4. Authorised fishing areas for the deep pelagic fishery

Catches in the deep pelagic fishery in the Irminger Sea and adjacent waters referred to in paragraph 1 shall be conducted for 2016 within an area bounded by the lines joining the following coordinates:

Point no.	Latitude	Longitude	Latitude	Longitude
1	64.75000	- 28.50	64° 45' N	28° 30' W
2	62.83333	- 25.75	62° 50' N	25° 45' W
3	61.91667	- 26.75	61° 55' N	26° 45' W
4	61.00000	- 26.50	61° 00' N	26° 30' W
5	59.00000	- 30.00	59° 00' N	30° 00' W
6	59.00000	- 34.00	59° 00' N	34° 00' W
7	61.50000	- 34.00	61° 30' N	34° 00' W
8	62.83333	- 36.00	62° 50' N	36° 00' W
9	64.75000	- 28.50	64° 45' N	28° 30' W

5. Scientific research

In addition to ICES co-ordinated surveys, Contracting Parties may conduct scientific research with the aim of improving scientific knowledge of the redfish. They may set aside a part of their respective quota for scientific purposes. Catches taken as a part of such scientific research exercise shall be counted against the Contracting Party's quotas as set out in paragraphs 1 and 3 of this measure.

6. Participation in the fishery

- a. Only vessels flying the flag of a NEAFC Contracting Party, authorised by their flag State to fish for redfish in the NEAFC Convention Area, shall be entitled to participate in these fisheries.
- b. The authorisation to fish for redfish in the Regulatory Area is only valid if the information transmitted in accordance with paragraph 7 of this Recommendation, as well as with Articles 11, 12 and 13 of the Scheme of Control and Enforcement (the Scheme), is made available to the Secretary in line with Article 14 of the said Scheme.

7. Reporting requirements

- a. Reports shall be made to the NEAFC Secretariat in accordance with the Scheme and, in particular, with Article 12 (Communication of catches) and Article 14 (Communication to the Secretary) of the Scheme. This information shall be made accessible for appropriate representatives of the Contracting Parties, including inspectors, on the secure site of the NEAFC website.
- b. Fishing vessels shall report their catches on a daily basis. The catch report shall be transmitted after the fishing operations of that calendar day have been completed and no later than 12:00 UTC of the following day. The catches on board taken since the last communication of catches shall be indicated in the report.
- c. The Secretariat shall, on a weekly basis, compile a table for each Contracting Party, indicating the total quota for each Party as well as the catch already taken from that quota, based on the catch reports received from the fishing vessels. When 50% of the quota established in paragraph 1(c) is taken, such tables shall be compiled daily. The tables shall be forwarded without delay to all Contracting Parties and to the inspectors via the NEAFC website. The tables shall give details for each vessel indicating their daily catches. This provision derogates from Article 14.3 of the Scheme.
- d. To further ensure prompt reporting, the Secretariat shall monitor on a daily basis the reports from each vessel and notify all Contracting Parties without delay if a vessel has not fulfilled its obligations according to paragraph 7 (b) or if the required reports are not available at the Secretariat according to article 8 of this measure for inspection purposes.
- e. In accordance with Article 9 of the Scheme, masters of fishing vessels shall record the fishing depth in their fishing logbooks.
- f. All receivers of fish shall ensure that all quantities are weighed when landed or transhipped. The weight of fish landed in standardised boxes shall be determined using documented sampling methods. Contracting Parties shall report to the Secretariat on a weekly basis the catches landed by their vessels. This information shall be made available to Contracting Parties and to the inspectors on the secure site of the NEAFC website.

8. Inspection and surveillance

- a. A Contracting Party may request access to information communicated pursuant to Articles 11, 12 and 13 of the Scheme for the areas where they intend to undertake inspection and surveillance activities. The Secretary shall inform other Contracting Parties and make the information available to the requesting Contracting Party during the fishing season.
- b. Contracting Parties shall notify the Secretariat of the systems in place for verifying catches from this fishery, including weighing procedures and inspection of transshipments and landings. PECMAC shall evaluate the effectiveness of these measures.
- c. Inspectors from any Contracting Party may accompany the inspectors from another Contracting Party during the inspection of landings or transshipment operations, subject to the consent of the port State, and flag State if different.
In order to facilitate this process, the Contracting Party interested in observing an inspection in another Contracting Party's port shall, at the earliest opportunity, notify the flag State¹ of the vessel concerned of its request to have officials present to observe the landing / transshipment of redfish in port.

Upon receiving such a request, the flag State, and port State if different, shall reply as soon as possible and not later than two working days after receiving the request. In the affirmative, the flag State shall, without delay, communicate details of the vessel in question, such as name of port, estimated date and time of arrival of the vessel in port. The request shall be forwarded to the port State, if the operations are due to occur in a port outside the flag State's jurisdiction.

9. Technical measures

- a. It is prohibited to use trawls with a mesh size of less than 100 mm.
- b. The conversion factor used in this fishery for gutted and headed presentations, including Japanese cut, shall be 1.70. This conversion factor shall be used for the purposes of this Recommendation and is without prejudice for other purposes.

10. Development of a long-term management plan

During 2016, NEAFC will seek to establish a long-term management plan for redfish in the Irminger Sea and adjacent waters, including appropriate harvest control rules. The objective of any such management plan shall be to establish such levels of catches and fishing effort, which will result in the sustainable exploitation of pelagic redfish in the Irminger Sea and adjacent waters. This long-term management plan should take due account of the interim management measures as set out in this recommendation.

¹ In the case of vessels flagged to an EU Member State, the European Commission shall be put in copy of all correspondence.

Recommendation 1:2016

REHRTIÐG hf QUINTAS AÐS /AT/IES hf RESFISÍÐ TÍE IRALBGER SEA							Appendix
2015							
Party	Share	Balance 2014	Quota exchange	Quotas after transfers and flexibility	Irminger Sea	Balance to 2016	
Denmark in respect of Faroe Islands and Greenland							
	Faroe Islands						
	Greenland						
European Union							
	Iceland						
	Norway						
	Russian Federation			-			
Total all Parties							
2016							
Party	Quota established	Balance 2015	Quota exchange	Quotas after transfers and flexibility	Irminger Sea	Balance to 2017	
Denmark in respect of Faroe Islands and Greenland							
	Faroe Islands						
	Greenland						
European Union							
	Iceland						
	Norway						
	Russian Federation			-			
Total all Parties							

**Recommendation on Conservation and Management Measures for Haddock in the
NEAFC Regulatory Area for 2016**

The Commission hereby adopts the following Recommendation pursuant to Article 5 of the Convention:

All fishing, except with long-lines, shall be prohibited in waters beyond the areas under national fisheries jurisdiction of the Contracting Parties in the box bounded by the following co-ordinates:

- 57° 00' N, 15° 00' W
- 57° 00' N, 14° 00' W
- 56° 30' N, 14° 00' W
- 56° 30' N, 15° 00' W

This measure shall be in force for the period 1 January to 31 December 2016.

Recommendation on Conservation and Management Measures for Deep Sea Species in the NEAFC Regulatory Area in 2016

The Commission hereby adopts the following recommendation pursuant to Article 5 of the Convention:

1. Each Contracting Party undertakes to limit the effort put into the directed fishing for deep sea species set out in Annex IB of the Scheme in the NEAFC Regulatory Area.
2. The effort shall not exceed 65 per cent of the highest level put into deep sea fishing in previous years for the relevant species.
3. The effort should be calculated as aggregate power, aggregate tonnage, fishing days at sea or number of vessels, which participated.
4. This measure shall be in force from 1 January 2016 to 31 December 2016.

Recommendation on the Conservation and Management of Roundnose Grenadier (*Coryphaenoides rupestris*), Roughhead Grenadier (*Macrourus berglax*), and Roughsnout Grenadier (*Trachyrinchus scabrus*) and other Grenadiers (Macrouridae) in the NEAFC Regulatory Area (Divisions Xb and XIIc, and Subdivisions XIIa1 and XIVb1) for 2016

The Commission hereby adopts the following recommendation pursuant to Article 5 of the Convention:

1. A total allowable catch limitation of 717 tonnes of roundnose grenadier is established.
2. No direct fisheries for roughhead grenadier and roughsnout grenadier should be authorised, and bycatches of these grenadiers as well as other grenadiers (Macrouridae) should be counted against the total allowable catch of roundnose grenadier specified in Point 1.
3. Contracting Parties shall submit all data on the relevant fishery to ICES, including catches, bycatches, discards and activity information.

Recommendation on the Conservation and Management of Roundnose Grenadier (*Coryphaenoides rupestris*), Roughhead Grenadier (*Macrourus berglax*), and Roughsnout Grenadier (*Trachyrinchus scabrus*) and other Grenadiers (Macrouridae) in the NEAFC Regulatory Area on Hatton Bank and Rockall (ICES Subdivisions VIb1 and VIIc1 and VIIk1, and Subdivisions Vb1a and Division XIIb) for 2016

The Commission hereby adopts the following recommendation pursuant to Article 5 of the Convention:

1. For Subdivisions VIb1 and VIIc1 and VIIk1 and Subdivisions Vb1a, the catches should not exceed 2,000 tonnes.
2. For Division XIIb a total allowable catch limitation of 796 tonnes of roundnose grenadier is established.
3. No direct fisheries for roughhead grenadier and roughsnout grenadier should be authorised, and bycatches of these grenadiers as well as other grenadiers (Macrouridae) should be counted against the total allowable catch of roundnose grenadier as specified in Point 1 and 2.
4. Contracting Parties shall submit all data on the relevant fishery to ICES, including species-specific catches, bycatches, discards and activity information.

Recommendation on Conservation and Management Measures for Orange Roughy (Hoplostethus Atlanticus) in the NEAFC Regulatory Area for 2016

The Commission hereby adopts the following Recommendation pursuant to Article 5 of the Convention:

1. Each Contracting Party shall prohibit vessels flying its flag in the Regulatory Area from directed fishing for orange roughy;
2. Each Contracting Party shall take measures to minimise by-catches of orange roughy in other fisheries;
3. Contracting Parties shall submit all data on orange roughy available to ICES for further evaluation of the state of the stock;
4. Contracting Parties are encouraged to take conservation measures with equal effect within waters under their national jurisdiction; and
5. This measure shall be in force from 1 January to 31 December 2016.

Recommendation on Conservation and Management Measures for Porbeagle (*Lamna Nasus*) in the NEAFC Regulatory Area from 2016 to 2019

The Commission hereby adopts the following Recommendation pursuant to Article 5 of the Convention:

Information available is not sufficient to inform on the current status of the stock of porbeagle (*Lamna nasus*) in the Northeast Atlantic. Since 2010, landings have been close to zero. The low productivity and aggregating nature of this species makes it particularly vulnerable to overexploitation. ICES therefore advise that fishing mortality should be minimised. ICES, therefore, have advised that no directed fisheries should be permitted for the period 2016 to 2019.

1. Each Contracting Party shall, for the period 2016 to 2019, prohibit all directed fishing of porbeagle (*Lamna nasus*) in the Regulatory Area by vessels flying its flag.
2. Any incidental catches of this resource shall be promptly released unharmed, to the extent possible.
3. Contracting Parties shall submit to ICES all available data on porbeagle, including fisheries data, for further evaluation of the state of the resource.
4. Contracting Parties are encouraged to take conservation measures with equal effect within waters under their national fisheries jurisdiction.
5. This measure shall remain in force from 1 January 2016 until 31 December 2019. Prior to the expiry of the measure, and on the basis of new scientific advice from ICES, the Commission, with the intention of extending that period, shall review this measure.

Recommendation on Conservation and Management Measures for Basking Shark (*Cetorhinus Maximus*) in the NEAFC Convention Area for 2016 to 2019

As proposed by the European Union, the Commission hereby adopts the following Recommendation pursuant to Articles 5 and 6 of the Convention:

ICES report that there is no new information available to inform on the current status of the stock of basking shark (*Cetorhinus maximus*) in the North-East Atlantic. It is at present not targeted in any commercial fisheries. Landings in the last decade have been close to zero and data available do not allow the current stock status to be evaluated. The low productivity and aggregating nature of this species makes it particularly vulnerable to over-exploitation. ICES therefore advise that when the precautionary approach is applied, no targeted fisheries should be permitted and by-catch should be minimised. ICES have therefore advised a zero TAC for the entire ICES area for the period 2016 to 2019.

Pursuant to Article 5 and 6 of the Convention on Future Multilateral Cooperation in the North-East Atlantic Fisheries, no directed fishery for basking shark shall be undertaken in the Convention Area for the period 2016 to 2019.

Contracting Parties are urged to make all available data on basking shark available to ICES for further evaluation of the state of the resource. This should include fisheries data, with incidental catches being recorded in numbers, and by size and weight (where possible).

This measure shall remain in force from 1 January 2016 until 31 December 2019. Prior to its expiry, and on the basis of new scientific advice from ICES, the Commission, with the intention of extending that period, shall review this measure.

Recommendation to amend Annex I.b and Annex V of the NEAFC Scheme of Control and Enforcement

As proposed by PECMAC, the Commission hereby adopts the following recommendation pursuant to Article 8 of the Convention:

Annex I b) and Annex V shall be amended to read as follows: (amended species names and codes are in bold type)

Annex I B) - Regulated Resources Deep-Sea Species

Regulated Resources Deep-Sea Species			
Stock (common name)	FAO code	Scientific Name	ICES subareas
Baird's smooth head	ALC	<i>Alepocephalus bairdii</i>	I to XIV
Risso's smooth head	PHO	<i>Alepocephalus rostratus</i>	I to XIV
Blue antimora (Blue hake)	ANT	<i>Antimora rostrata</i>	I to XIV
Black scabbard fish	BSF	<i>Aphanopus carbo</i>	I to XIV
Iceland catshark	API	<i>Apristuris spp</i>	I to XIV
Argentines	ARG	<i>Argentina spp.</i>	I to XIV
Greater argentine	ARU	<i>Argentina silus</i>	I to XIV
Alfonsinos	ALF	<i>Beryx spp.</i>	I to XIV
Tusk	USK	<i>Brosme brosme</i>	I to XIV
Gulper shark	GUP	<i>Centrophorus granulosus</i>	I to XIV
Leafscale gulper shark	GUQ	<i>Centrophorus squamosus</i>	I to XIV
Black dogfish	CFB	<i>Centroscyllium fabricii</i>	I to XIV
Portuguese dogfish	CYO	<i>Centroscymnus coelolepis</i>	I to XIV
Longnose velvet dogfish	CYP	<i>Centroscymnus crepidater</i>	I to XIV
Deep-water red crab	KEF	<i>Chacon(Geyron) affinis</i>	I to XIV

Regulated Resources Deep-Sea Species

Stock (common name)	FAO code	Scientific Name	ICES subareas
Rabbit fish (Rattail)	CMO	<i>Chimaera monstrosa</i>	I to XIV
Frilled shark	HXC	<i>Chlamydoselachus anguineus</i>	I to XIV
Conger eel	COE	<i>Conger conger</i>	I to XIV
Roundnose grenadier	RNG	<i>Coryphaenoides rupestris</i>	I to XIV
Kitefin shark	SCK	<i>Dalatias licha</i>	I to XIV
Birdbeak dogfish	DCA	<i>Deania calcea</i>	I to XIV
Black (Deep-water) cardinal fish	EPI	<i>Epigonus telescopus</i>	I to XIV
Lantern sharks	SHL	Etmopterus spp.	I to XIV
Greater lantern shark	ETR	<i>Etmopterus princeps</i>	I to XIV
Velvet belly	ETX	<i>Etmopterus spinax</i>	I to XIV
Blackmouth dogfish	SHO	<i>Galeus melastomus</i>	I to XIV
Mouse catshark	GAM	<i>Galeus murinus</i>	I to XIV
Bluemouth (Blue mouth redfish)	BRF	<i>Helicolenus dactylopterus</i>	I to XIV
Bluntnose six-gilled shark	SBL	<i>Hexanchus griseus</i>	I to XIV
Orange roughy	ORY	<i>Hoplostethus atlanticus</i>	I to XIV
Silver roughy (Pink)	HPR	<i>Hoplostethus mediterraneus</i>	I to XIV
Large-eyed rabbit fish (Ratfish)	CYH	<i>Hydrolagus mirabilis</i>	I to XIV

Regulated Resources Deep-Sea Species			
Stock (common name)	FAO code	Scientific Name	ICES subareas
Silver scabbard fish (Cutless fish)	SFS	<i>Lepidopus caudatus</i>	I to XIV
Eelpout	ELP	Zoarces viviparus	I to XIV
Greater eelpout	LXK	<i>Lycodes esmarkii</i>	I to XIV
Roughhead grenadier (Rough rattail)	RHG	<i>Marcrourus berglax</i>	I to XIV
Blueling	BLI	<i>Molva dypterigia</i>	I to XIV
Ling	LIN	<i>Molva molva</i>	I to XIV
Common mora	RIB	<i>Mora moro</i>	I to XIV
Sailfin roughshark (Sharpback shark)	OXN	<i>Oxynotus paradoxus</i>	I to XIV
Red (blackspot) seabream	SBR	<i>Pagellus bogaraveo</i>	I to XIV
Forkbeards	FOX	<i>Phycis spp.</i>	I to XIV
Greater forkbeard	GFB	<i>Phycis blennoides</i>	I to XIV
Wreckfish	WRF	<i>Polyprion americanus</i>	I to XIV
Round skate	RJY	<i>Rajafyllae</i>	I to XIV
Arctic skate	RJG	<i>Raja hyperborean</i>	I to XIV
Norwegian skate	JAD	<i>Rajanidarosius</i>	I to XIV
Greenland halibut	GHL	<i>Rheinhardtius hippoglossoides</i>	I to XIV
Straightnose rabbitfish	RCT	<i>Rhinochimaera atlantica</i>	I to XIV

Regulated Resources Deep-Sea Species

Stock (common name)	FAO code	Scientific Name	ICES subareas
Knifetooth dogfish	SYR	<i>Scymnodon ringens</i>	I to XIV
Small redfish (Norway haddock)	SFV	<i>Sebastes viviparus</i>	I to XIV
Greenland shark	GSK	<i>Somniosus microcephalus</i>	I to XIV
Spiny (Deep-sea) Scorpionfish	TJX	<i>Trachyscorpia cristulata</i>	I to XIV

ANNEX V - Species List

Species list		
FAO 3-Alpha code	English common name	Scientific Name
ALF	Alfonsinos	<i>Beryx</i> spp.
ALC	Bairds slickhead	<i>Alepocephalus bairdii</i>
ANT	Blue antimora (Blue hake)	<i>Antimora rostrata</i>
API	Iceland catshark	<i>Apristurus</i> spp
ARG	Argentines	<i>Argentina</i> spp.
ARU	Greater Argentine	<i>Argentina silus</i>
BLI	Blue ling	<i>Molva dypterygia</i>
BRF	Blackbelly rosefish	<i>Helicolenus dactylopterus</i>
BSF	Black scabbard	<i>Aphanopus carbo</i>
BSH	Blue shark	<i>Prionace glauca</i>
BSK	Basking shark	<i>Cetorhinus maximus</i>
BSS	Seabass	<i>Dicentrarchus labrax</i>
CAP	Capelin	<i>Mallotus villosus</i>
CAS	Spotted wolffish	<i>Anarhichas minor</i>

Species list		
FAO 3-Alpha code	English common name	Scientific Name
CAT	Wolffish	<i>Anarhichas</i> spp.
CFB	Black dogfish	<i>Centroscyllium fabricii</i>
CMO	Rabbit fish (Rattail)	<i>Chimaera monstrosa</i>
COD	Atlantic Cod	<i>Gadus morhua</i>
COE	European conger	<i>Conger conger</i>
CYO	Portuguese dogfish	<i>Centroscymnus coelolepis</i>
CYH	Large- eyed rabbit fish (Ratfish)	<i>Hydrolagus mirabilis</i>
CYP	Longnose velvet dogfish	<i>Centroscymnus crepidater</i>
DCA	Birdbeak dogfish	<i>Deania calceus</i>
DGS	Spurdog	<i>Squalus acanthias</i>
ELP	Eelpout	<i>Zoarces viviparus</i>
EPI	Black (Deep-water) cardinal fish	<i>Epigonus telescopus</i>
ETR	Greater lantern shark	<i>Etmopterus princeps</i>
ETX	Velvet belly	<i>Etmopterus spinax</i>
FOR	Forkbeard (Forkhead)	<i>Phycis phycis</i>
FOX	Forkbeards	<i>Phycis</i> spp.

Species list		
FAO 3-Alpha code	English common name	Scientific Name
GAM	Mouse catshark	<i>Galeus murinus</i>
GHL	Greenland halibut	<i>Reinhardtius hippoglossoides</i>
GFB	Greater forkbeard	<i>Phycis blennoides</i>
GSK	Greenland shark	<i>Somniosus microcephalus</i>
GUP	Gulper shark	<i>Centrophorus granulosus</i>
GUQ	Leafscale gulper shark	<i>Centrophorus squamosus</i>
HAD	Atlantic Haddock	<i>Melanogrammus aeglefinus</i>
HAL	Atlantic halibut	<i>Hippoglossus hippoglossus</i>
HER	Atlantic herring	<i>Clupea harengus</i>
HOM	Atlantic horse mackerel	<i>Trachurus trachurus</i>
HPR	Silver roughy (Pink)	<i>Hoplostethus mediterraneus</i>
HXC	Frilled shark	<i>Chlamydoselachus anguineus</i>
JAD	Norwegian skate	<i>Raja nidarosiensis</i>
KCD	Red king crab	<i>Paralithodes camtschaticus</i>
KEF	Deep-water red crab	<i>Chacon (Geyron) affinis</i>
LIN	Ling	<i>Molva molva</i>

Species list		
FAO 3-Alpha code	English common name	Scientific Name
LUM	Lumpfish	<i>Cyclopterus lumpus</i>
LXK	Greater eelpout	Lycods esmarkii
MAC	Atlantic mackerel	<i>Scomber scombrus</i>
MOR	Moras	Moridae
ORY	Orange roughy	<i>Hoplostethus atlanticus</i>
OXN	Sailfin roughshark (Sharpback shark)	<i>Oxynotus paradoxus</i>
PHO	Risso's smoothhead	<i>Alepocephalus rostratus</i>
PLA	American plaice	<i>Hippoglossoides platessoides</i>
PLE	European plaice	<i>Pleuronectes platessa</i>
POC	Polar cod	<i>Boreogadus saida</i>
POK	Saithe (Pollock)	<i>Pollachius virens</i>
POR	Porbeagle	<i>Lamna nasus</i>
PRA	Northern prawn	<i>Pandalus borealis</i>
REB	Beaked redfish	<i>Sebastes mentella</i>
RED	Redfish (unspecified)	<i>Sebastes</i> spp.
REG	Golden redfish	<i>Sebastes marinus</i>

Species list		
FAO 3-Alpha code	English common name	Scientific Name
RHG	Roughhead grenadier	<i>Macrourus berglax</i>
RIB	Common mora	<i>Mora moro</i>
RNG	Roundnose grenadier	<i>Coryphaenoides rupestris</i>
SBL	Blondnose six-gilled shark	<i>Hexanchus griseus</i>
SBR	Red seabream	<i>Pagellus bogaraveo</i>
SCK	Kitefin shark	<i>Dalatias licha</i>
SFS	Silver scabbard	<i>Lepidopus caudatus</i>
SHL	Lantern shark	<i>Etmopterus spp.</i>
SHO	Blackmouth dogfish	<i>Galeus melastomus</i>
RCT	Straightnose rabbitfish	<i>Rhinochimaera atlantica</i>
RJG	Arctic skate	<i>Raja hyperborea</i>
RJY	Round skate	<i>Raja fyllae</i>
SFV	Small redfish (Norway haddock)	<i>Sebastes viviparus</i>
SKA	Skates	<i>Raja spp.</i>
SKH	Sharks	Selachimorpha
SYR	Knifetooth dogfish	<i>Scymnodon ringens</i>

Species list		
FAO 3-Alpha code	English common name	Scientific Name
TJX	Spiny (Deep-sea) scorpionfish	<i>Trachyscorpia cristulata</i>
USK	Tusk	<i>Brosme brosme</i>
WHB	Blue whiting	<i>Micromesistius poutassou</i>
WRF	Wreckfish	<i>Polyprion americanus</i>

Recommendation to amend Article 11 and Annex VII of the NEAFC Scheme of Control and Enforcement

As proposed by PECMAC, the Commission hereby adopts the following recommendation pursuant to Article 8 of the Convention:

Article 11 shall be amended to read as follows:

CHAPTER III - Monitoring of Fisheries Article

11 - Vessel Monitoring System

1. Each Contracting Party shall implement a vessel monitoring system (VMS) for its fishing vessels exceeding 20 metres between perpendiculars or 24 metres overall length which fish, or plan to fish, in the Regulatory Area and:

- a. require its fishing vessels, fishing in the Regulatory Area, to be equipped with an autonomous system able to automatically transmit messages to a land-based fisheries monitoring centre (FMC) allowing a continuous tracking of the position of a fishing vessel by the Contracting Party of that fishing vessel in conformity with the specifications and schedule set out in Annex VII a)

5. Contracting Parties shall, for the purposes of this Scheme, cooperate with the Secretary in order to maintain a database delimiting the Regulatory Area by latitude and longitude co-ordinates. Changes to these co-ordinates shall without delay be notified to the Secretary in a computer readable form according to the procedures described in Annex VII b) in order to keep this database up to date. The co-ordinates shall be without prejudice to each Contracting Party's position concerning the delimitation of sea areas under their sovereignty and jurisdiction. The Secretary shall notify all Contracting Parties, and cooperating non-Contracting Parties, of any changes by providing them with updated co-ordinates in the format described in Annex VII b) without delay.

Annex VII shall be amended to read as follows:

Annex VII - VMS and EEZs Delimitation Annex

VII a) - VMS

Annex VII b) – EEZs Delimitation

Any changes to the coordinates used for the database defined in Article 11.5 shall be:

- Identified to the Secretary as changes pursuant to Article 11.5, with the number of points separately confirmed and a contact person identified for verification of resulting mapping;
- Submitted in decimal degrees and in the WGS84 datum, in an electronic version suitable for import directly into Geographic Information System (GIS) software, without the need for manual intervention;
- Latitude positive North Longitude positive East and plus sign (+) can be skipped for positive numbers. According to the example below:

Latitude Longitude
+DD.ddddd<space>(+/)DDD.ddddd

Example:

Latitude	Longitude
55.28332	-016.16666
55.56665	-015.01944

The Secretary shall examine the resultant map and ask the Contracting Party contact person to help resolve any problems noted.

Once the coordinates are finalised, changes to the database shall be made without delay.

**Recommendation to amend Article 12.2 of
the NEAFC Scheme of Control and
Enforcement**

As proposed by PECMAC, the Commission hereby adopts the following Recommendation pursuant to Article 8 of the Convention:

Article 12.2 shall be amended to read as follows:

The reports on catches referred to in this Article shall be given in kilograms (rounded to the nearest 100kg) total round weight by species using the FAO code. The total quantity of species for which the total round weight by species is less than 50 kg may be reported under the 3-alpha code MZZ (marine fish not specified).

**Recommendation to amend Annex V of the NEAFC
Scheme of Control and Enforcement**

As proposed by PECMAC, the Commission hereby adopts the following recommendation pursuant to Article 8 of the Convention:

Annex V shall be amended to include the following species:

FAO 3-Alpha code	English common name	Scientific Name
MON	Angler (Monk)	<i>Lophius piscatorius</i>
CRQ	Queen crab	<i>Chionoecetes opilio</i>
CAA	Atlantic wolffish	<i>Anarhichas lupus</i>
CAB	Northern wolffish	<i>Anarhichas denticulatus</i>

Recommendation on Amending Recommendation 2:2011, on Providing for the Collection of Statistical Information Relating to Fisheries Beyond and Under the Fisheries Jurisdiction of the Contracting Parties

The Commission hereby adopts the following recommendation pursuant to Article 9.1 and 9.2 of the Convention:

Annex I of Recommendation 2:2011 shall be amended to read as follows:
(amended species are in bold type)

**ANNEX I
Stock units**

Stock Units	Stock code	NEAFC stock – common name	Species		
			Common name	FAO code	Scientific name
Norwegian spring spawning herring	XHE	Norwegian spring spawning herring (Atlanto Scandian)	Herring	HER	<i>Clupea harengus</i>
Blue whiting combined stock Sub Area I-IX, XII, XIV	XWH	Blue whiting	Blue whiting	WHB	<i>Micromesistius pou tassou</i>
North East Atlantic Mackerel	XMA	Mackerel	Mackerel	MAC	<i>Scomber scombrus</i>
Rockall haddock	XHA	Haddock	Haddock	HAD	<i>Melanogrammus aeglefinus</i>
Pelagic redfish in the Irringer Sea	XIS	Redfish	Redfish	REB	<i>Sebastes mentella</i>

Pelagic redfish Sub Areas I, II	XNS	Redfish	Redfish	REB	Redfish	REB	Redfish
Deep Sea Fisheries	XDS	Deep-sea species	Baird's smoothhead	ALC	<i>Alepocephalus bairdi</i>		
Deep Sea Fisheries	XDS	Deep-sea species	Risso's smoothhead	PHO	<i>Alepocephalus rostratus</i>		
Deep Sea Fisheries	XDS	Deep-sea species	Blue antimora (Blue hake)	ANT	<i>Antimora rostrata</i>		
Deep Sea Fisheries	XDS	Deep-sea species	Black scabbardfish	BSF	<i>Aphanopus carbo</i>		
Deep Sea Fisheries	XDS	Deep-sea species	Iceland catshark	API	<i>Apristurus spp.</i>		
Deep Sea Fisheries	XDS	Deep-sea species	Argentines	ARG	Argentina spp.		
Deep Sea Fisheries	XDS	Deep-sea species	Greater argentine	ARU	Argentina silus		
Deep Sea Fisheries	XDS	Deep-sea species	Alfonosinos	ALF	<i>Berys spp.</i>		
Deep Sea Fisheries	XDS	Deep-sea species	Tusk	USK	<i>Brosme bosme</i>		
Deep Sea Fisheries	XDS	Deep-sea species	Gulper shark	GUP	<i>Centrophorus granulosus</i>		
Deep Sea Fisheries	XDS	Deep-sea species	Leafscale gulper shark	GUQ	<i>Centrophorus squamosus</i>		
Deep Sea Fisheries	XDS	Deep-sea species	Black dogfish	CFB	<i>Centoscyllium fabricii</i>		
Deep Sea Fisheries	XDS	Deep-sea species	Portuguese dogfish	CYO	<i>Centroscyllium coelepis</i>		
Deep Sea Fisheries	XDS	Deep-sea species	Longnose velvet dogfish	CYP	<i>Centroscyllium crepidater</i>		
Deep Sea Fisheries	XDS	Deep-sea species	Deep-water red crab	KEF	<i>Chacon (geyron) affinis</i>		
Deep Sea Fisheries	XDS	Deep-sea species	Rabbit fish (Rattail)	CMO	<i>Chimaera monstrosa</i>		
Deep Sea Fisheries	XDS	Deep-sea species	Frilled shark	HXC	<i>Chalamydoselachus anguineus</i>		
Deep Sea Fisheries	XDS	Deep-sea species	Conger eel	COE	<i>Conger conger</i>		
Deep Sea Fisheries	XDS	Deep-sea species	Roundnose grenadier	RNG	<i>Coryphaenoides rupestris</i>		
Deep Sea Fisheries	XDS	Deep-sea species	Kitefin shark	SCK	<i>Dalatias licha</i>		
Deep Sea Fisheries	XDS	Deep-sea species	Birdbeak dogfish	DCA	<i>Deania calceus</i>		
Deep Sea Fisheries	XDS	Deep-sea species	Black (Deep-water) cardinal fish	EPI	<i>Epigonus telescopus</i>		

Deep Sea Fisheries	XDS	Deep-sea species	Lantern sharks	SHL	<i>Etmopterus spp.</i>
Deep Sea Fisheries	XDS	Deep-sea species	Greater lantern shark	ETR	<i>Etmopterus princeps</i>
Deep Sea Fisheries	XDS	Deep-sea species	Velvet belly	ETX	<i>Etmopterus spinax</i>
Deep Sea Fisheries	XDS	Deep-sea species	Blackmouth dogfish	SHO	<i>Galeus melastomus</i>
Deep Sea Fisheries	XDS	Deep-sea species	Mouse catshark	GAM	<i>Galeus murinus</i>
Deep Sea Fisheries	XDS	Deep-sea species	Bluemouth (Blue mouth redfish)	BRF	<i>Helicolenus dactylopterus</i>
Deep Sea Fisheries	XDS	Deep-sea species	Blondnose six-gilled shark	SBL	<i>Hexanchus griseus</i>
Deep Sea Fisheries	XDS	Deep-sea species	Orange roughy	ORY	<i>Hoplostethus atlanticus</i>
Deep Sea Fisheries	XDS	Deep-sea species	Silver roughy (Pink)	HPR	<i>Hoplostethus mediterraneus</i>
Deep Sea Fisheries	XDS	Deep-sea species	Large-eyed rabbit fish (Ratfish)	CYH	<i>Hydrolagus mirabilis</i>
Deep Sea Fisheries	XDS	Deep-sea species	Silver scabbard fish (Cutless fish)	SFS	<i>Lepidopus caudatus</i>
Deep Sea Fisheries	XDS	Deep-sea species	Eelpout	ELP	<i>Zoarces viviparus</i>
Deep Sea Fisheries	XDS	Deep-sea species	Greater eelpout	LXX	<i>Lycodes esmarkii</i>
Deep Sea Fisheries	XDS	Deep-sea species	Roughhead grenadier (Rough rattail)	RHG	<i>Marcrouius berglax</i>
Deep Sea Fisheries	XDS	Deep-sea species	Blue ling	BLI	<i>Molva dypterygia</i>
Deep Sea Fisheries	XDS	Deep-sea species	Ling	LIN	<i>Molva molva</i>
Deep Sea Fisheries	XDS	Deep-sea species	Common mora	RIB	<i>Mora moro</i>
Deep Sea Fisheries	XDS	Deep-sea species	Sailfin roughshark (Sharpback shark)	OXN	<i>Oxynotus paradoxus</i>
Deep Sea Fisheries	XDS	Deep-sea species	Red (blackspot) seabream	SBR	<i>Pagellus bogaraveo</i>
Deep Sea Fisheries	XDS	Deep-sea species	Forkbeards	FOX	<i>Phycis spp.</i>
Deep Sea Fisheries	XDS	Deep-sea species	Greater forkbeards	GFB	<i>Phycis blennoides</i>
Deep Sea Fisheries	XDS	Deep-sea species	Wreckfish	WRF	<i>Polyprion americanus</i>
Deep Sea Fisheries	XDS	Deep-sea species	Round skate	RJY	<i>Raja fyllae</i>

Deep Sea Fisheries	XDS	Deep-sea species	Arctic skate	RJG	<i>Raja hyperborean</i>
Deep Sea Fisheries	XDS	Deep-sea species	Norwegian skate	JAD	<i>Raja nidarosiensis</i>
Deep Sea Fisheries	XDS	Deep-sea species	Greenland halibut	GHL	<i>Rheinhardtius hippoglossoides</i>
Deep Sea Fisheries	XDS	Deep-sea species	Straightnose rabbitfish	RCT	<i>Rhinochimaera atlantica</i>
Deep Sea Fisheries	XDS	Deep-sea species	Knifetooth dogfish	SYR	<i>Scymnodon ringens</i>
Deep Sea Fisheries	XDS	Deep-sea species	Small redfish (Norway haddock)	SFV	<i>Sebastes viviparus</i>
Deep Sea Fisheries	XDS	Deep-sea species	Greenland shark	GSK	<i>Somniosus microcephalus</i>
Deep Sea Fisheries	XDS	Deep-sea species	Spiny (Deep-sea) Scorpionfish	TJX	<i>Trachyscorpia cristulata</i>
