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# FISHERY BY-PRODUCT REPORT

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## IFFO GLOBAL STANDARD FOR RESPONSIBLE SUPPLY OF FISHMEAL AND FISH OIL

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<b>FISHERY By-Product:</b>	<b>Beaked Redfish (<i>Sebastes mentella</i>)</b>
<b>LOCATION:</b>	<b>Northeast Atlantic (France)</b>
<b>DATE OF REPORT:</b>	<b>December 2015</b>
<b>ASSESSOR:</b>	<b>Deirdre Hoare</b>

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**1. APPLICATION DETAILS AND SUMMARY OF THE ASSESSMENT OUTCOME**

<b>Name:</b>		
<b>Address:</b>		
<b>Country:</b> France	<b>Zip:</b>	
<b>Tel. No.</b>	<b>Fax. No.</b>	
<b>Email address:</b>	<b>Applicant Code</b>	
<b>Key Contact: :</b>	<b>Title:</b>	

**Certification Body Details**

<b>Name of Certification Body:</b>		
<b>Assessor Name</b>	<b>Peer Reviewer</b>	<b>Initial/Surveillance/ Re-certification</b>
Deirdre Hoare	Giles Bartlett	surveillance

<b>1. Scope of Assessment</b>	IFFO RS By-Product surveillance
<b>2. Fishery By-Product</b>	Beaked Redfish ( <i>Sebastes mentella</i> )
<b>3. Fishery By-Product Location</b>	Northeast Atlantic (France)
<b>4. Fishery Method</b>	Varies by region; bottom and pelagic trawls
<b>5. Outcome of Assessment</b>	Maintain approval

**2. GUIDANCE FOR ONSITE ASSESSMENT**

**3. ASSESSMENT DETERMINATION**

There is a robust fishery management framework at the EU and France levels, but this is only applied to the redfish assemblage rather than the individual species in the assessment area. Management is supported by some species-specific data collection and stock assessment but there is significant room for improvement. The assessment team recommends approving this byproduct material against the IFFO RS standard.

**4. RATIONALE OF THE ASSESSMENT OUTCOME**

**A. THE MANAGEMENT FRAMEWORK AND PROCEDURE**

LEVEL OF COMPLIANCE	
<i>The management of the fishery used to produce the By- Product must include a legal and administrative basis for the implementation of measures and controls to support the management of the fishery.</i>	
<b>LOW</b>	An administrative framework that ensures an efficient management of the fishery is not established.
<b>MEDIUM</b>	An administrative framework that ensures an efficient management of the fishery is somehow established, but there is evidence of not being efficient to ensure the management of the stock.
<b>HIGH</b>	A legal and administrative framework that ensures an efficient management of the fishery is established and works efficiently.

**Determination: There are effective fishery management frameworks in place at the EU and national levels; however these frameworks are applied to the byproduct species under assessment only as part of a multispecies assemblage, and no specific management objectives are in place.**

M

**Fishery management framework:**

France is a member of the European Union and therefore in Community waters implements the Common Fisheries Policy (CFP). In force since 1983, the CFP aims to reconcile resource conservation with the preservation of income and jobs in coastal zones that offer few alternatives in terms of production or employment. It therefore covers not just resources but also markets and structures.

The CFP has undergone a series of updates, including the most recent reform which was implemented from 1st January 2014. The principal aim of the new CFP is to achieve maximum sustainable yield (MSY) for all stocks by 2015 where possible, and at the latest by 2020. The 2014 reform also details the gradual roll-out of a landing obligation (prohibiting discards), which began in selected fisheries in 2015 and will eventually encompass all commercial fisheries from 2019. Finally, the 2014 reform increases the role and importance of management at the regional level, and encourages more intensive stakeholder engagement.

The primary authority with responsibility for implementing the CFP in France is the Directorate of Marine Fisheries and Aquaculture (*Direction des Pêches Maritimes et de l’Aquaculture*, DPMA), within the government Ministry of Ecology, Sustainable Development and Energy (*Ministère de l’Écologie, du Développement Durable et de l’Énergie*).

**Species-specific management:**

Three redfish species in EU waters are managed as an assemblage (*Sebastes mentella*, *S. marinus*, and *S. viviparous*), with a single TAC set for all three species in each management area. The management areas and their associated quotas for 2015 are as follows:

- Norwegian waters of I and II: 1,500t
- Greenland waters of NAFO 1F, V and XIV: 2,200t pelagic, 2,000t demersal
- Icelandic waters of Va: 0t
- Faroese waters of Vb: 1,100t
- V, international waters of XII and XIV: 0t (shallow pelagic), 9,500t (deep pelagic)

These management areas are similar, but not identical, to the areas over which ICES provides scientific advice. Since last year’s assessment ICES has received requests from NEAFC and from the Joint Norwegian–Russian Fisheries Commission (JNRFC) on the evaluation of a harvest control rule for *Sebastes mentella* in Subareas I

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and II.

*Subareas V, XII, and XIV and NAFO Subareas 1+2*

The Russian Federation has decided on a unilateral quota since 2011 that considers both redfish management units as a single stock. This unilateral quota is more than the total quota recommended by NEAFC. For 2015 the total quota was more than three times the quota recommended by NEAFC for both stocks.

R1 – R5

**B. STOCK ASSESSMENT PROCEDURES AND MANAGEMENT ADVICE**

**LEVEL OF COMPLIANCE**

*B. Research in support of fisheries management should exist.*

<b>LOW</b>	Research to support the management of the stock does not exist
<b>MEDIUM</b>	Research to support the management of the stock exists, however research programmes could be significantly improved to decrease scientific advice uncertainty.
<b>HIGH</b>	Research to support the management of the stock exists, and research programmes for provision of scientific advice are considered adequate.

***Determination: Species-specific stock assessments are conducted, but are largely qualitative. There are substantial gaps in the level of data available on the stocks.***

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Fisheries management in EU waters is supported by the International Council for the Exploration of the Sea (ICES). ICES utilises the best available scientific information collected by 20 member countries and others, and develops advice for the majority of commercially fished stocks in European waters.

ICES provides advice on five beaked redfish stocks in the Northeast Atlantic, as follows:

*Subareas I and II*

A statistical catch-at-age assessment is conducted using commercial catches, three survey indices, and annual maturity data from two surveys and commercial catch sampling. No quantitative reference points are defined. ICES reports that the extent to which *S. mentella* and *S. norvegicus* are not distinguished is not known. ICES also suggests that the same size of aged fish should be increased.

*Division Va and Subarea XIV (Icelandic slope stock)*

The ICES framework for category 3 stocks is applied. The survey index was applied as index for the stock development. The advice is based on a comparison of the two latest index values (index A) with the three preceding values (index B), combined with the catch advice in 2014.

*Subareas V, XII, and XIV and NAFO Subareas 1+2 (Deep pelagic stock > 500 m)*

A non-analytical assessment is conducted using commercial catch data, one survey index and several commercial CPUE indices. No reference points are defined and ICES reports that several data improvements are needed, including better catch and landings data, better survey information, and a recruitment index.

*Subareas V, XII, and XIV and NAFO Subareas 1+2 (Shallow pelagic stock < 500 m)*

A qualitative assessment is conducted using commercial catch data, several commercial indices, and one survey index. No reference points are defined. ICES reports that several data improvements are needed, including better catch and landings data, better survey information, and a recruitment index. No estimate was obtained in 2015 because Russia cancelled its participation in the survey and no alternatives could be arranged to make

out for the corresponding loss in survey coverage. The geographical distribution of the shallow pelagic redfish stock was therefore not covered. ICES again had difficulties in obtaining catch estimates from some ICES Member Countries, and especially data disaggregated by depth. Therefore, ICES recommends that all nations should report depth information on a haul basis in accordance with the NEAFC logbook format.

*Division XIVb (Demersal)*

The ICES framework for category 3 stocks is applied. The survey index was applied as index for the stock development. The advice is based on a comparison of the two latest index values (index A) with the three preceding values (index B), combined with the catch advice in 2014.

R5, R6

**C. STOCK STATUS**

**LEVEL OF COMPLIANCE**

*C. The fish used to produce the fish By- Product is not considered to be critically at risk of over exploitation in accordance with the IUCN guidance.*

<b>LOW</b>	The fish By-Product must not come from a species that is listed as extinct, or critically endangered.
<b>MEDIUM</b>	The fish By- Product is from a species that is classified as vulnerable, but has a management regime in place that will control the level of fishing permitted. Or if a species is deemed to be endangered but the sub-group from where the fish By- Product is harvested is deemed scientifically to be at no risk of over exploitation.
<b>HIGH</b>	The fish By- Product comes from a fishery that is not deemed to be at risk of over exploitation from fishing activities.

***Determination: Beaked redfish has been categorised by the IUCN as a species of least concern, and as such a high compliance rating is appropriate.***

H

The IUCN has categorised *Sebastes mentella* as a species of least concern, and it is not listed in the CITES appendices.

R7, R8

**5. REFERENCES**

R1 – About the Common Fisheries Policy: [http://ec.europa.eu/fisheries/cfp/index\\_en.htm](http://ec.europa.eu/fisheries/cfp/index_en.htm)

R2 – CFP – Managing fish stocks: [http://ec.europa.eu/fisheries/cfp/fishing\\_rules/index\\_en.htm](http://ec.europa.eu/fisheries/cfp/fishing_rules/index_en.htm)

R3 – CFP – Discarding and the Landing Obligation:  
[http://ec.europa.eu/fisheries/cfp/fishing\\_rules/discards/index\\_en.htm](http://ec.europa.eu/fisheries/cfp/fishing_rules/discards/index_en.htm)

R4 – French Directorate of Marine Fisheries and Aquaculture: <http://www.developpement-durable.gouv.fr/-Les-peches-maritimes-et-l-.html>

R5 – ICES advice, beaked redfish, 2015:

- Subareas I and II, Advice for 2015, 2016, and 2017:  
<http://www.ices.dk/sites/pub/Publication%20Reports/Advice/2014/2014/smn-arct.pdf>
- Division Va and Subarea XIV (Icelandic slope stock):  
<http://www.ices.dk/sites/pub/Publication%20Reports/Advice/2015/2015/smn-con.pdf>
- Subareas V, XII, and XIV and NAFO Subareas 1+2 (Deep pelagic stock > 500 m):

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<http://www.ices.dk/sites/pub/Publication%20Reports/Advice/2015/2015/smn-dp.pdf>

- Subareas V, XII, and XIV and NAFO Subareas 1+2 (Shallow pelagic stock < 500 m):  
<http://www.ices.dk/sites/pub/Publication%20Reports/Advice/2015/2015/smn-sp.pdf>
- Division XIVb (Demersal): <http://www.ices.dk/sites/pub/Publication%20Reports/Advice/2015/2015/smn-grl.pdf>

R6 – EU fishing quotas 2015: [http://eur-lex.europa.eu/legal-content/EN/TXT/?uri=uriserv:OJ.L\\_.2015.022.01.0001.01.ENG](http://eur-lex.europa.eu/legal-content/EN/TXT/?uri=uriserv:OJ.L_.2015.022.01.0001.01.ENG)

R7 – IUCN redlist: <http://www.iucnredlist.org/>

R8 – CITES appendices: <http://www.cites.org/eng/app/appendices.php>

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