

# FISHERY BY-PRODUCT REPORT

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



<b>FISHERY By-Product:</b>	Horse mackerel ( <i>Trachurus trachurus</i> )
<b>LOCATION:</b>	North-East Atlantic
<b>DATE OF REPORT:</b>	January 2015
<b>ASSESSOR:</b>	Sam Peacock

Global Trust Certification Ltd, 3rd Floor, Block 3, Quayside Business Park, Mill Street, Dundalk, Co. Louth, Ireland Tel: 042 932 0912 Fax 042 938 6864			
Form No: 9a	Report Ref:	Page 1 of 5	CCM Code:

**This report shall not be reproduced in full or in part without the permission of Global Trust Certification Ltd.**

1. APPLICATION DETAILS AND SUMMARY OF THE ASSESSMENT OUTCOME		
Name: UFI		
Address: Killybegs, Ireland		
Country: UK & Ireland	Zip:	
Tel. No.	Fax. No.	
Email address:	Applicant Code	
Key Contact: : Frank Trearty	Title:	
Certification Body Details		
Name of Certification Body:	Global Trust	
Assessor Name	Peer Reviewer	Initial/Surveillance/ Re-certification
Sam Peacock	Bill Paterson	Initial
1. Scope of Assessment		
		By-Product initial
2. Fishery By-Product		
		Horse mackerel ( <i>Trachurus trachurus</i> )
3. Fishery By-Product Location		
		North-East Atlantic
4. Fishery Method		
		Pelagic trawl
5. Outcome of Assessment		
		Approve by-product

2. GUIDANCE FOR ONSITE ASSESSMENT
3. ASSESSMENT DETERMINATION
<p>There is a robust fishery management framework at the EU and UK &amp; Ireland levels, which is applied specifically to the horse mackerel stock in the assessment area. However, there is some evidence of these not being sufficient to ensure the long-term sustainability of the fishery. Management is supported by species-specific data collection and stock assessment, although the level of understanding varies between stocks. The assessment team recommends the approval of this by-product material against the IFFO RS standard with a medium compliance rating.</p>

Global Trust Certification Ltd, 3rd Floor, Block 3, Quayside Business Park, Mill Street, Dundalk, Co. Louth, Ireland Tel: 042 932 0912 Fax 042 938 6864			
Form No: 9a	Report Ref:	Page 2 of 5	CCM Code:

This report shall not be reproduced in full or in part without the permission of Global Trust Certification Ltd.

## 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, and these frameworks are applied specifically to the by-product stock under assessment. However, there is some evidence of these not being sufficient to ensure the long-term sustainability of the fishery.***

M

**Fishery management framework:**

The UK & Ireland are members of the European Union and therefore in Community waters implement 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 authorities with responsibility for implementing the CFP are the Department of Agriculture, Food and the Marine in Ireland, the Marine Management Organisation (in cooperation with the Department for Environment, Food and Rural Affairs) in England and Wales, and Marine Scotland, a Directorate of the Scottish Government, in Scotland.

**Species-specific management:**

Horse mackerel in EU waters is subject to four separate annual quotas. The areas and the associated quotas for 2014 were as follows:

- IIa, Iva, Vb, VI, VIIa-c, VIIC-k, VIIIabde, XII, XIV: 116,912t
- IVbc, VIId: 31,720t
- VIIC: 18,508t
- IX: 35,000t

TACs have historically, and recently, been set somewhat above the scientific advice. There is also a discrepancy between the geographical areas for which advice is provided and those for which quotas are set, with ICES advice provided for three stock units. The North Sea stock is estimated to be fished above target levels, with SSB likely below target. The Western stock is considered to be fished above  $F_{MSY}$ , but SSB is slightly above  $MSY_{trigger}$ . The Southern stock is considered to be fished at an appropriate level, with SSB at the long-term

Global Trust Certification Ltd, 3rd Floor, Block 3, Quayside Business Park, Mill Street, Dundalk, Co. Louth, Ireland Tel: 042 932 0912 Fax 042 938 6864			
Form No: 9a	Report Ref:	Page 3 of 5	CCM Code:

average.  
R1 – R8

**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 research is conducted in support of horse mackerel fishery management, although there are significant improvements which could be made to the quality and quantity of information available to ICES.*** M

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.

As noted in section A, ICES advice for horse mackerel is provided for three stocks.

*North Sea stock*

Advice is based on commercial landings data only. ICES states that this is insufficient to evaluate biomass and exploitation status. No reference points are defined and no quantitative assessment can be conducted.

*Western stock*

Advice is based on commercial landings with ages from catch sampling, one triennial egg survey index, and one tuning index. MSY-based reference points are defined for the stock and a quantitative assessment is conducted.

*Southern stock*

Advice is based on commercial landings with age and length frequencies from catch sampling, one combined pelagic trawl and bottom trawl survey index, and maturity data from both sources. One reference point is defined,  $F_{MSY}$ .

R7

**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: Horse mackerel has not been categorised by the IUCN; as there is limited evidence on the extent to which the species is at risk of over-exploitation, a medium compliance rating is appropriate.***

The IUCN has not categorised *Trachurus trachurus*. Horse mackerel is also currently under assessment by the MCS.

R9, R10

## 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 – Irish Department of Agriculture, Food and the Marine, Fisheries Department:  
<http://www.agriculture.gov.ie/fisheries/>

R5 – Marine Management Organisation (About): <https://www.gov.uk/government/organisations/marine-management-organisation>

R6 - Marine Scotland (About): <http://www.scotland.gov.uk/Topics/marine/About>

R7 – ICES advice, horse mackerel 2014:

- Divisions IIIa, IVb,c, and VIId (North Sea stock):  
<http://www.ices.dk/sites/pub/Publication%20Reports/Advice/2014/2014/hom-nsea.pdf>
- Divisions IIa, IVa, Vb, VIa, VIIa–c, e–k, and VIIIa–e (Western stock):  
<http://www.ices.dk/sites/pub/Publication%20Reports/Advice/2014/2014/hom-west.pdf>
- Division IXa (Southern stock):  
<http://www.ices.dk/sites/pub/Publication%20Reports/Advice/2014/2014/hom-soth.pdf>

R8 – EU fishing quotas 2014: [http://ec.europa.eu/fisheries/documentation/publications/poster\\_tac2014\\_en.pdf](http://ec.europa.eu/fisheries/documentation/publications/poster_tac2014_en.pdf)

R9 – IUCN redlist: <http://www.iucnredlist.org/>

R10 – MCS fishfinder, Horse mackerel: <http://www.fishonline.org/fishfinder?fish=horse+mackerel>