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# FISHERY By Product SURVEILLANCE 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>	Haddock ( <i>Melanogrammus aeglefinus</i> )
<b>LOCATION:</b>	Iceland ICES (Division Va)
<b>DATE OF REPORT:</b>	13/12/2010
<b>ASSESSOR:</b>	Vito Ciccia Romito

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1. APPLICATION DETAILS AND SUMMARY OF THE ASSESSMENT OUTCOME		
Name: Fishmeal Association of Iceland		
Address:		
Country:	Zip:	
Tel. No.	Fax. No.	
Email address:	Applicant Code	
Key Contact:	Title:	
Certification Body Details		
Name of Certification Body:	Global Trust Certification Ltd.	
Assessor Name	Peer Reviewer	Initial/Surveillance/ Re-certification
Vito Ciccia Romito	Mike Platt	Surveillance
1. Scope of Assessment		
		By product surveillance
2. Fishery By Product		
		Haddock ( <i>Melanogrammus aeglefinus</i> )
3. Fishery By Product Location		
		Iceland ICES (Division Va)
4. Fishery Method		
		Bottom trawl, but an increasing share is taken with longlines and Danish seines
5. Outcome of Assessment		
		The Icelandic Haddock Fishery complies with IFFO RS standards

2. COMPLIANCE LEVEL ACHIEVED
Highly compliant, Icelandic Haddock is safe for use as by product
3. GUIDANCE FOR ONSITE ASSESSMENT
Auditor to check that the fish by products used by the factory have had a fish by product surveillance

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**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 conservation 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 conservation of the stock.
<b>HIGH</b>	A legal and administrative framework that ensures an efficient management of the fishery for its conservation is established and works efficiently toward the conservation of the stock.

**Determination:** *A legal and administrative framework that ensures an efficient management of the fishery for its conservation is established and works efficiently toward the conservation of the stock.*

**Biology and distribution**

The haddock is a rather large codfish, usual size in catches is between 50 and 65 cm long found in abundance all around Iceland. Mostly it occurs over soft bottoms at depths between 10 and 200 m. It is found in European waters from Spitsbergen and the White Sea in the north to the Bay of Biscay in the south. It also occurs around the Faroe Islands, in southern Greenlandic waters and from Labrador to Cape Cod in North America.

**Management framework and procedure**

Icelanders have structured a fisheries management system to ensure responsible fisheries, focusing on the sustainable utilization of the fish stocks and good treatment of the marine ecosystem (*Icelandic Ministry of Fisheries and Agriculture*). According to Icelandic law the total allowable catch (TAC) is set by the Minister of Fisheries and Agriculture and this decision should be based on scientific advice from the Icelandic Marine Research Institute (MRI). The present comprehensive fisheries management system is based on Individual Transferable Quotas (ITQs). The Ministry is supported by the Marine Research Institute, the Icelandic Fisheries Laboratory (IFL) and the Directorate of Fisheries. The Directorate is responsible for implementing legislation on fisheries management. It collects and publishes data and other fisheries statistics. It issues fishing permits to vessels and allocates catch quotas (*Directorate of Fisheries*).

**Management considerations**

**Work is in progress to evaluate harvest control rule candidates for Icelandic haddock that are in conformity with the ICES MSY framework.** This work is based on the same approach as already for Icelandic saithe and cod. This would imply **that landings in 2011 should be less than 45 000 t** (ICES 2010). **The Icelandic Ministry of Fisheries and Agriculture has followed the advice and set Haddock quotas for 2011 at 39.056 tonnes** (*Directorate of Fisheries*).

B. STOCK ASSESSMENT PROCEDURES AND MANAGEMENT ADVICE	
LEVEL OF COMPLIANCE	
<i>B. Research in support of fisheries conservation and management should exist.</i>	
<b>LOW</b>	Research to support the conservation and management of the stock, non-target species and physical environment does not exist
<b>MEDIUM</b>	Research to support the conservation and the management of the stock, non-target species and physical environment exists, however research programmes could be significantly improved to decrease scientific advice uncertainty.
<b>HIGH</b>	Research to support the conservation and the management of the stock, non-target species and physical environment exist, and existent research is considered adequate for the long term conservation of the target, non-target and physical environment

**Determination:** *Research to support the conservation and the management of the stock, non-target species and physical environment exist, and existent research is considered adequate for the long term conservation of the target, non-target and physical environment*

**Data and methods**

The assessment is based on age-disaggregated landings from 1979 to 2009 and on survey data from the March survey 1985 2010 and the October survey 1995 2009. The model used is an Adapt type model. The assessment does not include discards. In this year assessment catch in numbers was recompiled to include ages 10-12 in the assessment. The estimates for biomass and fishing mortality in this assessment are the same as in last year assessment (ICES 2010).

**Discards**

Estimates of discards are based on comparisons of samples taken at sea and of port samples. The estimates are based on the assumption that discarding is due to high grading. **Discards in 2009 were small, as they have been in most years since 2001.** From 1994 to 1997 discards were much higher or on the average 40% by numbers of the landings. **For 2010 and 2011 it is anticipated that discard and hidden mortality will not be a major problem** (ICES 2010).

C. STOCK STATUS	
LEVEL OF COMPLIANCE	
<i>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.</i>	
<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:** *The Haddock fishery has an effective and established management framework and the species is not at present in the IUCN Red list.*

## 5. REFERENCES

- R1. Icelandic Ministry of Fisheries and Agriculture  
<http://www.fisheries.is/management/>
  
- R1.2 <http://www.fisheries.is/main-species/codfishes/haddock/>
  
- R.2 Directorate of Fisheries  
<http://www.fiskistofa.is/>
  
- R.2.2 <http://en.fiskistofa.is/heildastodur.php>
  
- R.3 Marine Research Institute  
[http://www.hafro.is/index\\_eng.php](http://www.hafro.is/index_eng.php)
  
- R.4 ICES 2010 2.4.3 Advice June 2010 ECOREGION Iceland and East Greenland STOCK in division Va.  
[www.ices.dk/committe/acom/comwork/report/2010/2010/had-iceg.pdf](http://www.ices.dk/committe/acom/comwork/report/2010/2010/had-iceg.pdf)

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