



# FISHERY ASSESSMENT REPORT

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



<b>FISHERY:</b>	Summer spawning herring ( <i>Clupea harengus</i> )
<b>LOCATION:</b>	Iceland (ICES Division Va)
<b>DATE OF REPORT:</b>	7 <sup>th</sup> October 2012
<b>ASSESSOR:</b>	Sam Peacock

Global Trust Certification Ltd, Quay side Business Centre, Dundalk, Co. Louth, Ireland Tel: 042 932 0912 Fax 042 938 6864

Issue No; 2; Issue Date; Nov 09

Report Ref: Summer Herring

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			
<b>Name:</b> Icelandic Association of Fishmeal Manufacturers			
<b>Address:</b>			
<b>Country:</b>		<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> Global Trust Certification Ltd			
<b>Assessor Name:</b> Sam Peacock	<b>Peer Reviewer:</b> Mike Platt	<b>Assessment Days:</b> 1	<b>Initial/Surveillance/Re-certification:</b> Surveillance
<b>Assessment Period</b>	7 <sup>th</sup> October 2012		
Scope Details			
<b>1. Scope of Assessment:</b>		IFFO Global Standard for Responsible Supply – Issue 1	
<b>2. Fishery</b>		Summer spawning herring ( <i>Clupea harengus</i> )	
<b>3. Fishery Location</b>		Iceland (ICES Division Va)	
<b>4. Fishery Method</b>		Purse seine, pelagic trawl	
Outcome of Assessment			
<b>5. Overall Fishery Compliance Rating</b>		<b>HIGH/MEDIUM</b>	
<b>6. Sub Components of Low Compliance</b>		NONE	
<b>7. Information deficiency</b>		LOW	
<b>8. Peer Review Evaluation</b>			
<b>9. Recommendation</b>		<b>Maintain fishery approval</b>	

Global Trust Certification Ltd, Quay side Business Centre, Dundalk, Co. Louth, Ireland Tel: 042 932 0912 Fax 042 938 6864

Issue No; 2; Issue Date; Nov 09

Report Ref: Summer Herring

CCM Code:

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

<b>2. Quality of Information</b>
Good – primarily ICES and Icelandic government websites.

<b>3. Compliance Level Achieved</b>
HIGH/MEDIUM
<b>Recommendation</b>
<b>Maintain fishery approval</b>

<b>4. Guidance for On-site Assessment</b>
<b>Based on High Compliance Findings</b>
<b>Based on Medium Compliance Findings</b>
<b>Key Stakeholders of the Fishery</b>

<b>5. Assessment Determination</b>
<p>The Icelandic summer-spawning herring fishery continues to be supported by a robust management and enforcement framework, and management decisions generally continue to be based on ICES and MRI stock assessment activities. However, the 2011/12 quota was set above the scientific recommendation to account for bycatch in other fisheries, and the eventual landings were around 25% higher than the original ICES and domestic advice. The 2012/13 TAC has been set slightly lower than the maximum recommended by scientists, and so on balance the assessment team has downgraded to medium compliance in section D1. In all other areas the fishery remains highly compliant.</p>
<b>HIGH COMPLIANCE</b>
A1, A2, A3, B1, B2, C1, D2, D3, E1, E2
<b>MEDIUM COMPLIANCE</b>
D1

SUMMARY OF LEVEL OF COMPLIANCE					
	The Management Framework and Procedures	Stock assessment procedures and management advice	Precautionary approach	Management measures	Implementation
legal and administrative basis	High Compliance	Low Compliance	Low Compliance	Low Compliance	Low Compliance
Fisheries management should be concerned with the whole stock unit	High Compliance	Low Compliance	Low Compliance	Low Compliance	Low Compliance
Management actions should be scientifically based	High Compliance	Low Compliance	Low Compliance	Low Compliance	Low Compliance
Research in support of fisheries conservation and management should exist	Low Compliance	High Compliance	Low Compliance	Low Compliance	Low Compliance
Best scientific evidence available should be taken into account when designing conservation and management measures	Low Compliance	High Compliance	Low Compliance	Low Compliance	Low Compliance
The precautionary approach is applied in the formulation of management plans	Low Compliance	Low Compliance	High Compliance	Low Compliance	Low Compliance
The level of fishing permitted should be set according to management advice given by research organisations	Low Compliance	Low Compliance	Low Compliance	Low Compliance	Low Compliance
Where excess fishing capacity exist, mechanisms should be in established to reduced capacity	Low Compliance	Low Compliance	Low Compliance	High Compliance	Low Compliance
Management measures should ensure that fishing gear and fishing practices do not have a significant impact on non-target species and the physical environment	Low Compliance	Low Compliance	Low Compliance	High Compliance	Low Compliance
A management system for fisheries control and enforcement should be established	Low Compliance	Low Compliance	Low Compliance	Low Compliance	High Compliance
A framework for sanctions of violation of laws and regulations should be efficiently exists	Low Compliance	Low Compliance	Low Compliance	Low Compliance	High Compliance

**KEY:**                      Low Compliance                                Medium Compliance                                High Compliance:                          

Global Trust Certification Ltd, Quay side Business Centre, Riverlane, Dundalk, Co. Louth, Ireland Tel: 042 932 0912 Fax 042 938 6864

Issue No: 2; Issue Date: Nov 09	Report Ref: Summer Herring	CCM Code:
---------------------------------	----------------------------	-----------

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

**6. Rationale of the Assessment Outcome**

**a. The Management Framework and Procedure**

LEVEL OF COMPLIANCE		a.i. The management of the fishery must include a legal and administrative basis for the implementation of measures and controls to support the conservation of the fishery.	References	Rating
LOW		<p><b>Determination: Icelandic fisheries management continues to be supported by robust legal and administrative foundations.</b></p> <p>Iceland operates a structured, legal fisheries management system to ensure responsible fisheries, focusing on the sustainable utilization of the fish stocks and good treatment of the marine ecosystem. The fisheries management in Iceland is primarily based on extensive research on the fish stocks and the marine ecosystem, decisions made on the conduct of fisheries and allowable catches on the basis of scientific advice, and effective monitoring and enforcement of the fisheries and the total catch. These are the main pillars of the Icelandic fisheries management intended to ensure responsible fisheries and the sustainability of the ocean’s natural resources.</p> <p>For more details please refer to the original fishery assessment report.</p>	R1, R2	HIGH
MEDIUM				
HIGH				
		a.ii. Fisheries management should be concerned with the whole stock unit over its entire area of distribution and take into account fishery removals and the biology of the species	References	Rating
LOW		<p><b>Determination: There has been no change in the scientific understanding of the distribution of this herring stock, nor any change in the management unit.</b></p> <p>At the time of the initial assessment, fisheries management was concerned with the entire distribution of the summer herring stock, and all fishery removals and species biology were taken into account by management organisations. There have been no changes in either the science or the</p>	R1, R2	HIGH
MEDIUM				
HIGH				

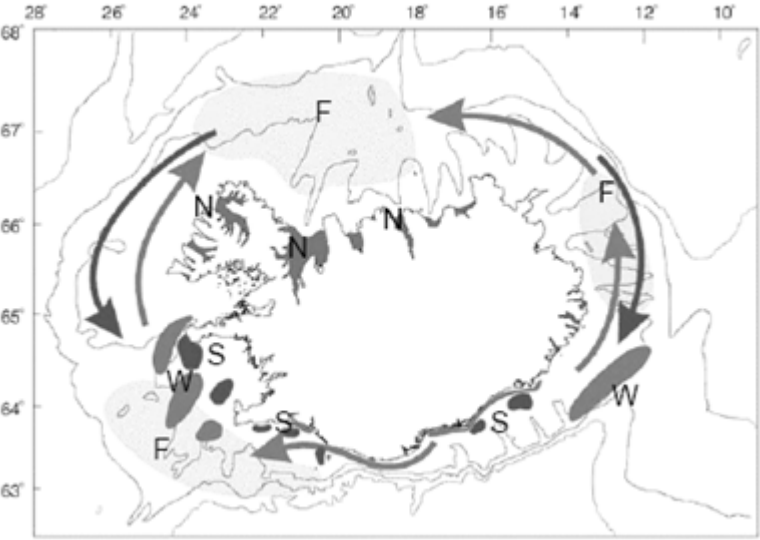
Global Trust Certification Ltd, Quay side Business Centre, Riverlane, Dundalk, Co. Louth, Ireland Tel: 042 932 0912 Fax 042 938 6864

Issue No; 2; Issue Date; Nov 09

Report Ref: Summer Herring

CCM Code:

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

	<p>management unit since that time.</p>  <p><b>Map indicating the distribution of major life-history aspects of the Icelandic summer-spawning herring, including the feeding (F) wintering (W) spawning (S) and nursery (N) grounds, and the main migration routes around Iceland (arrows).</b></p>		
	a.iii .Management actions should be based on long-term conservation objectives	References	Rating
LOW	<p><b>Determination: <i>In the initial assessment this stock scored a medium compliance rating in this section; however, quotas in recent years have been set in compliance with long-term objectives and so the fishery now scores highly in this section.</i></b></p> <p>The initial fishery assessment for this stock reported that “long term management plans do cover the</p>	R1, R2	HIGH
MEDIUM			
HIGH			

Global Trust Certification Ltd, Quay side Business Centre, Riverlane, Dundalk, Co. Louth, Ireland Tel: 042 932 0912 Fax 042 938 6864

Issue No; 2; Issue Date; Nov 09

Report Ref: Summer Herring

CCM Code:

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



	<p>conservation of this stock, but in 2008/9 the set TAC was 14.5% higher than that advised by the scientists and this...has reduced the compliance rating to medium”. However, the January 2012 surveillance assessment found that since the 2009/10 season quotas have been set and adhered to in compliance with the scientific advice and the surveillance assessment team upgraded the fishery score in this section to highly compliant. Since the time of the last surveillance, quotas have remained in compliance with scientific advice, and so the fishery is once again highly compliant in this category.</p> <p>Although there is no formal management plan for this stock, for more than 20 years the practice has been to manage fisheries at <math>F = F_{0.1}</math> (= 0.22). This target is considered to be consistent with MSY approach.</p>	
--	--	--

**b. Stock Assessment Procedures and Management Advice**

LEVEL OF COMPLIANCE	bi. Research in support of fisheries conservation and management should exist.	References	Rating
LOW	<p><b>Determination: <i>The Marine Research Institute (MRI) continues to conduct annual hydroacoustic surveys of this stock, and make quota recommendations in cooperation with the International Council for the Exploration of the Sea (ICES).</i></b></p> <p>Total catch (2011/2012) was 49,000t, where 88% were landings (99.5% purse seine, 0.5% gill nets) and 12% industrial bycatch (in mackerel fishery with pelagic trawls). There were no discards or unaccounted removals.</p>	R1-R3	HIGH
MEDIUM			
HIGH			

Global Trust Certification Ltd, Quay side Business Centre, Riverlane, Dundalk, Co. Louth, Ireland Tel: 042 932 0912 Fax 042 938 6864

Issue No; 2; Issue Date; Nov 09

Report Ref: Summer Herring

CCM Code:

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

	<p><b>Landings</b> Landings in 1000 t</p> <p><b>Recruitment (age 3)</b> Recruitment in billions</p> <p><b>Fishing Mortality</b> F weighted (ages 5-10)</p> <p><b>Spawning Stock Biomass</b> SSB in 1000 t</p> <p>Herring in Division Va (Icelandic summer-spawning herring). Summary of stock assessment (weights in '000t). Top right: SSB/F for the time-series used in the assessment. From the ICES advice, June 2012.</p>		
LEVEL OF COMPLIANCE	b.ii Best scientific evidence available should be taken into account when designing conservation and management measures	References	Rating
LOW	<p><b>Determination:</b> <i>There have been no significant changes since the initial assessment in the way in which scientific information is utilised in the management of this fishery.</i></p> <p>The initial assessment of this fishery concluded that scientific advice is fully taken into account in the management of this fishery. There have been no significant changes in the management methodology or the manner in which scientific evidence is factored into management decisions since that time.</p>	R1, R2	HIGH
MEDIUM			
HIGH			

Global Trust Certification Ltd, Quay side Business Centre, Riverlane, Dundalk, Co. Louth, Ireland Tel: 042 932 0912 Fax 042 938 6864

Issue No: 2; Issue Date; Nov 09

Report Ref: Summer Herring

CCM Code:

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

	For more information please refer to the initial assessment.		
--	--	--	--

**c. The Precautionary Approach**

LEVEL OF COMPLIANCE	c.i The precautionary approach is applied in the formulation of management plans.	References	Rating																								
LOW	<p><b>Determination:</b> <i>There have been no fundamental changes to the approach taken by stock management organisations, which was found by the initial assessment to be adherent to the precautionary approach. In addition, recent actions taken by management organisations in response to an outbreak of disease in the stock are considered by the assessment team to be appropriately precautionary.</i></p> <p>Reference points for the precautionary approach were agreed in 1998 and have remained unchanged since. In 2011, reference points for the MSY approach were added, and in the 2012 advice ICES utilised these as a basis for the 2012/13 quota recommendation. Table 1 lists these reference points; note that MSY <math>B_{trigger}</math> is defined as <math>B_{pa}</math>.</p> <p><b>Table 1 - Icelandic summer-spawning herring reference points. From the ICES advice, June 2012.</b></p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th></th> <th style="text-align: center;"><i>Type</i></th> <th style="text-align: center;"><i>Value</i></th> <th style="text-align: center;"><i>Technical basis</i></th> </tr> </thead> <tbody> <tr> <td rowspan="2" style="text-align: center;">MSY Approach</td> <td>MSY <math>B_{trigger}</math></td> <td>300 000 t</td> <td><math>B_{pa}</math>.</td> </tr> <tr> <td><math>F_{MSY}</math></td> <td>0.22</td> <td>HCS model for simulated harvest rules.</td> </tr> <tr> <td rowspan="4" style="text-align: center;">Precautionary Approach</td> <td><math>B_{lim}</math></td> <td>200 000 t</td> <td>SSB with a high probability of impaired recruitment.</td> </tr> <tr> <td><math>B_{pa}</math></td> <td>300 000 t</td> <td><math>B_{pa} = B_{lim} e^{1.645\sigma}</math>, where <math>\sigma = 0.25</math>.</td> </tr> <tr> <td><math>F_{lim}</math></td> <td>Not defined</td> <td></td> </tr> <tr> <td><math>F_{pa}</math></td> <td>0.22</td> <td><math>F_{pa} = F_{0.1} = 0.22</math> (based on a weighted average) and used as a target.</td> </tr> </tbody> </table> <p>The 2012 ICES advice reported that SSB had been declining in recent years (likely because of</p>		<i>Type</i>	<i>Value</i>	<i>Technical basis</i>	MSY Approach	MSY $B_{trigger}$	300 000 t	$B_{pa}$ .	$F_{MSY}$	0.22	HCS model for simulated harvest rules.	Precautionary Approach	$B_{lim}$	200 000 t	SSB with a high probability of impaired recruitment.	$B_{pa}$	300 000 t	$B_{pa} = B_{lim} e^{1.645\sigma}$ , where $\sigma = 0.25$ .	$F_{lim}$	Not defined		$F_{pa}$	0.22	$F_{pa} = F_{0.1} = 0.22$ (based on a weighted average) and used as a target.	R1-R4	HIGH
		<i>Type</i>	<i>Value</i>	<i>Technical basis</i>																							
MSY Approach		MSY $B_{trigger}$	300 000 t	$B_{pa}$ .																							
	$F_{MSY}$	0.22	HCS model for simulated harvest rules.																								
Precautionary Approach	$B_{lim}$	200 000 t	SSB with a high probability of impaired recruitment.																								
	$B_{pa}$	300 000 t	$B_{pa} = B_{lim} e^{1.645\sigma}$ , where $\sigma = 0.25$ .																								
	$F_{lim}$	Not defined																									
	$F_{pa}$	0.22	$F_{pa} = F_{0.1} = 0.22$ (based on a weighted average) and used as a target.																								
MEDIU M																											
HIGH																											

	<p><i>Ichthyophonus</i> infection), but that the decline now seems to have stopped and the SSB is above reference points. Strong year classes, which show no signs of infection, are entering the fishable stock. Fishing mortality is currently below <math>F_{MSY}</math>.</p> <p>The outbreak of <i>Ichthyophonus</i> infection in the herring stock started in 2008. The impact of the infection on the stock size is apparent, but cannot be fully quantified at present. The 2011 ICES advice, and subsequent quotas, reflected the additional uncertainty in stock assessments caused by the infection.</p>	
--	--	--

Global Trust Certification Ltd, Quay side Business Centre, Riverlane, Dundalk, Co. Louth, Ireland Tel: 042 932 0912 Fax 042 938 6864

Issue No; 2; Issue Date; Nov 09

Report Ref: Summer Herring

CCM Code:

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

**d. Management Measures**

LEVEL OF COMPLIANCE		d.i The level of fishing permitted should be set according to management advice given by research organisations.	References	Rating
LOW		<p><b>Determination: <i>The initial assessment gave the fishery a medium compliance rating for this component. Due to improvements in quota-setting the January 2012 surveillance upgraded this score to highly compliant. As the 2011/12 quota was set 10% above advice, and landings were 10% above that, the assessment team has decided to downgrade the compliance score in this section back to medium.</i></b></p> <p>The 2011 ICES advice for this stock made no initial quota recommendation, and advised that the fishery remain closed until additional information became available on the extent and impact of the <i>Icthyophonus</i> infection. The subsequent scientific recommendation was that the quota be set at 40,000t, although the final quota was 45,000t to account for herring bycatch in the mackerel fishery. Official herring landings for 2011/12 totalled 49,000t. Due to landings exceeding the advised quota by nearly 25%, the assessment team considers that the fishery is no longer highly compliant in this section.</p> <p>The 2012 ICES advice, with which the MRI agrees, recommended that 2012/13 catches be no greater than 67,000t on the basis of the MSY approach. The final quota for the 2012/12 season was set at 64,000t.</p>	R1-R6	MEDIUM
MEDIUM				
HIGH				

Global Trust Certification Ltd, Quay side Business Centre, Riverlane, Dundalk, Co. Louth, Ireland Tel: 042 932 0912 Fax 042 938 6864

Issue No: 2; Issue Date: Nov 09

Report Ref: Summer Herring

CCM Code:

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

Year	ICES Advice	Predicted catch corresp. to advice	Agreed TAC	ICES landings <sup>4)</sup>
1984		50	-	50.3
1985		50	-	49.4
1986		65	-	65.5
1987	F <sub>0.1</sub>	70	72.9	75.4
1988	F <sub>0.1</sub>	~100	90	92.8
1989	F <sub>0.1</sub>	95	90	97.3
1990/1991 <sup>2</sup>	Status quo F	90	100	101.6
1991/1992 <sup>2</sup>	F <sub>0.1</sub>	79	110	98.5
1992/1993 <sup>2</sup>	F <sub>0.1</sub>	86	110	106.7
1993/1994 <sup>2</sup>	No gain in yield by fishing higher than F <sub>0.1</sub>	110 <sup>1</sup>	110	101.5
1994/1995 <sup>2</sup>	No gain in yield by fishing higher than F <sub>0.1</sub>	83 <sup>1</sup>	130	132
1995/1996 <sup>2</sup>	No gain in yield by fishing higher than F <sub>0.1</sub>	120 <sup>1</sup>	110	125
1996/1997 <sup>2</sup>	No gain in yield by fishing higher than F <sub>0.1</sub>	97 <sup>1</sup>	110	95.9
1997/1998	No gain in yield by fishing higher than F <sub>0.1</sub>	90 <sup>1</sup>	100	64.7
1998/1999	No gain in yield by fishing higher than F <sub>0.1</sub>	90 <sup>1</sup>	90	87.0
1999/2000	Current F is sustainable	100 <sup>1</sup>	100	92.9
2000/2001	Current F is sustainable	110 <sup>1</sup>	110	100.3
2001/2002	Current F is sustainable	125 <sup>1</sup>	125	95.3
2002/2003	Current F is sustainable	113 <sup>1</sup>	105	97
2003/2004	Current F is sustainable	113 <sup>1</sup>	110	131
2004/2005	F=0.22	106	110	114.2
2005/2006	Status quo catch	110	110	103
2006/2007	Status quo catch	110	130	135
2007/2008	Average of the last 3 years catch	117	150	159
2008/2009	F <sub>pa</sub> = 0.22	131	130	152
2009/2010	F <sub>pa</sub> = 0.22	75	40	46
2010/2011 <sup>3</sup>	Domestic advice autumn 2010	40	40	44
2011/2012 <sup>3</sup>	Domestic advice autumn 2011, no fishery until then	40	45	49
2012/2013	F <sub>MSY</sub> = 0.22	<67		

Weights in thousand tonnes.  
<sup>1)</sup> Catch at F<sub>0.1</sub>.  
<sup>2)</sup> Season starting in October of first year.  
<sup>3)</sup> In early autumn 2011 new information on *Ichthyophonus* infection and the stock size will be available from survey monitoring, and ICES cannot give advice until this information is available.  
<sup>4)</sup> Official landings and ICES landings are the same in all fishing season and are used for the assessment.

**Herring in Division Va (Icelandic summer-spawning). ICES advice, management, and landings. From the 2012 ICES advice.**

Global Trust Certification Ltd, Quay side Business Centre, Riverlane, Dundalk, Co. Louth, Ireland Tel: 042 932 0912 Fax 042 938 6864

Issue No: 2; Issue Date; Nov 09

Report Ref: Summer Herring

CCM Code:

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

LEVEL OF COMPLIANCE		d.ii Where excess fishing capacity exist, mechanisms should be in established to reduced capacity to allow for the recovery of the stock to sustainable levels.	References	Rating
LOW		<p><b>Determination: <i>The capacity-reducing mechanisms identified in the original assessment continue to be functional and effective.</i></b></p> <p>Iceland operates a vessel registration, licensing and permit system which is necessary to obtain quota within the Individual transfer quota system. The Marine Policy focuses on economic utilisation of stocks. The system acts to create disincentives for allowing excess capacity in fisheries. Other technical measures, including season, permanent and temporary closures act to manage effort and capacity within the permitted fleet.</p>	R1, R2	HIGH
MEDIUM				
HIGH				
LEVEL OF COMPLIANCE		d.iii Management measures should ensure that fishing gear and fishing practices do not have a significant impact on non-target species and the physical environment.	References	Rating
LOW		<p><b>Determination: <i>The initial fishery assessment concluded after on-site assessment that there were adequate management measures in place for the fishery to score highly in this category, and there have been no major changes since that time.</i></b></p> <p>The fishery for the ISUM herring is predominantly a single species fishery and is not aimed at any other fish. After the end of the drift-net fishery in the 1980s, these herring are only fished with purse-seines and pelagic trawls. Purse seines cause little or no damage to the benthic habitat, and mid-water pelagic trawls have minimal impacts on the seabed ecology. Icelandic legislation (557/2007) states that all fishing vessels must keep a Fishery Log-book. Birds and Mammals that are caught in fishing gear are to be reported and recorded in the Fishery Log-book. This Fishery Log-book is returned to the Directory of Fisheries once a month. These reports are then sent onto the Marine Research Institute where the information is used in their scientific work</p> <p>For more information, please refer to the initial assessment.</p>	R1, R2	HIGH
MEDIUM				
HIGH				

Global Trust Certification Ltd, Quay side Business Centre, Riverlane, Dundalk, Co. Louth, Ireland Tel: 042 932 0912 Fax 042 938 6864

Issue No: 2; Issue Date; Nov 09

Report Ref: Summer Herring

CCM Code:

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

**e. Implementation**

LEVEL OF COMPLIANCE		e.i There should be a framework for sanctions of violation of Laws and regulations.	References	Rating
LOW		<p><b>Determination: <i>The original assessment identified an efficient framework of sanctions for violations of laws and regulations. There have been no major changes since that time.</i></b></p> <p>The legal and administrative framework consists of laws and regulations that specify and allow the Ministry through the services of the Directorate to prosecute and charge fines through the Courts of Iceland for infringement of fishery regulations.</p> <p>Breaches of the law and regulations on fisheries management are subject to fines or revoking of the fishing permit, irrespective of whether such conduct is by intent or negligence. Major or repeated intentional offenses are subject to up to six years imprisonment. If the catch of a vessel exceeds the allowable catch, the relevant company or individual must obtain an additional catch quota for the relevant species. If this is not done within a certain timeframe, the fishing permit may be revoked as well as a charge having to be paid for the illegal catch.</p>	R1, R2	HIGH
MEDIUM				
HIGH				
LEVEL OF COMPLIANCE		e.ii A management system for fisheries control and enforcement should be established.	References	Rating
LOW		<p><b>Determination: <i>The original assessment concluded that an effective management system was in place. There have been no significant changes since that time.</i></b></p> <p>All commercial fisheries are subject to authorization by the Directorate of Fisheries. The Iceland Coast Guard, which falls under the auspices of the Ministry of Justice, monitors the fisheries of vessels operating in Icelandic waters, as well as monitoring closed areas.</p> <p>There are also strict requirements for the keeping of e- logbooks on-board all fishing vessels and they</p>	R1, R2	HIGH
MEDIUM				
HIGH				

Global Trust Certification Ltd, Quay side Business Centre, Riverlane, Dundalk, Co. Louth, Ireland Tel: 042 932 0912 Fax 042 938 6864

Issue No: 2; Issue Date: Nov 09

Report Ref: Summer Herring

CCM Code:

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



		<p>must be made available for fishery inspectors.</p> <p>The Icelandic Directorate of Fisheries is responsible for monitoring and inspecting vessels both at sea, through an observer programme and ashore, through a network of official landing sites where all catches are registered by officials who report to a central database. Thus 60 ports of landings in Iceland send electronic data daily to the Directorate. A total of approximately 50.000 landings are registered in the system every year.</p>		
--	--	---	--	--

Global Trust Certification Ltd, Quay side Business Centre, Riverlane, Dundalk, Co. Louth, Ireland Tel: 042 932 0912 Fax 042 938 6864

Issue No; 2; Issue Date; Nov 09

Report Ref: Summer Herring

CCM Code:

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

## References

R1 - Iceland summer herring IFFO RS assessment, 2010:

<http://www.iffo.net/downloads/IFFO%20RS/Whole%20Fish/Iceland%20-%20SS%20Herring.pdf>

R2 - Iceland summer herring surveillance assessment, Jan 2012:

<http://www.iffo.net/downloads/IFFO%20RS/Whole%20Fish/Iceland%20summer%20herring%20surveillance%202012.pdf>

R3 - ICES Icelandic summer-spawning herring advice, June 2012:

<http://www.ices.dk/committe/acom/comwork/report/2012/2012/her-vasu.pdf>

R4 – Icelandic Ministry of Fisheries and Agriculture Atlantic herring information page:

<http://www.fisheries.is/main-species/pelagic-fishes/atlantic-herring/>

R5 – Icelandic fishing quotas 2012/13: <http://www.sjavarutvegsraduneyti.is/frettir/nr/11020>

R6 – MRI herring report, 2012: <http://www.hafro.is/Astand/2012/eng/21-herring-12.PDF>

Global Trust Certification Ltd, Rivercourt Business Centre, Riverlane, Dundalk, Co. Louth, Ireland Tel: 042 932 0912 Fax 042 938 6864

Issue: 1 .0

Report Ref:

CC Code:

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