



Surveillance Report 2 - 2011
SOUTH GEORGIA PATAGONIAN TOOTHFISH LONGLINE
FISHERY

Certificate No.: MML-F-003

Moody Marine Ltd.
26 September 2011

Authors:
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1.0 GENERAL INFORMATION

Scope against which the surveillance is undertaken: MSC Principles and Criteria for Sustainable Fishing as applied to the South Georgia Patagonian Toothfish Longline Fishery

Species: Patagonian toothfish *Dissostichus eleginoides*

Area: The fishery is located around the island of South Georgia and the associated plateau to the west around Shag Rocks, within the Government of South Georgia and the South Sandwich Islands (GSGSSI) 200nm Maritime Zone.

Method of capture: Bottom Set Longline

Date of Surveillance Visit:	26 Sept 2011			
Initial Certification	Date: 17 Sept 2009		Certificate Ref: MML – F - 003	
Surveillance stage	1st	2 nd	3rd	4th
Surveillance team:	Lead Assessor: J.Combes Assessor(s): P.Medley			
Company Name: Address:	Government of South Georgia and the South Sandwich Islands (GSGSSI) Government House Stanley Falkland Islands FIQQ 1ZZ			
Contact 1	M. Collins - Director of Fisheries			
Tel No:	Tel: + 500 28200			
Fax No:	Fax: + 500 28201			
E-mail address:	ceomobile@gov.gs			

2.0 RESULTS, CONCLUSIONS AND RECOMMENDATIONS

This report contains the findings of the second surveillance cycle in relation to this fishery.

The fishery did not receive conditions or recommendations at reassessment in 2009. The client remains committed to improving all aspects of the fishery in a letter that was appended to the final certification report. This surveillance report is to ensure that the stock status has not changed detrimentally and that the fishery management has remained effective and appropriate.

Information regarding this year's audit has been collected from meeting with the client in Cambridge, UK, at the annual GSGSSI, industry and science meeting, and various other sources of information as listed at the end of this report.

Item	Comments																								
1	Stock status																								
Observations	<p>Although no official stock assessment was carried out for CCAMLR during the last reporting period, assessments were carried out on behalf of the local management authority (SGSSI Government). The assessment suggested lower recruitment than originally thought, leading to a much lower and more precautionary catch limit than set by CCAMLR (1800t vs 3000t), based on the harvest control rule which considers a fixed catch over 35 years. We noted that while the additional precaution based on scientific advice is to be welcomed, the stock would have sustained the CCAMLR TAC until the assessment was updated in 2011.</p> <p>The stock is considered to be approaching, but still above, the target biomass representing 50% of the unexploited biomass. This is well above the limit reference point, and the stock is currently at negligible risk of overexploitation. The current assessment will be subject to review at the CCAMLR meeting held in October 2011</p> <table border="1"> <thead> <tr> <th>Year</th> <th>Scientific Advice (tonnes)</th> <th>TAC set (tonnes)</th> <th>Total landings (tonnes)</th> </tr> </thead> <tbody> <tr> <td>2007/08</td> <td>3920</td> <td>3,920</td> <td>3,797</td> </tr> <tr> <td>2008/09</td> <td>3920</td> <td>3,500</td> <td>3,388</td> </tr> <tr> <td>2009/10</td> <td>3000</td> <td>2,800</td> <td>2,521</td> </tr> <tr> <td>2010/11</td> <td>3000</td> <td>1800</td> <td>1790</td> </tr> <tr> <td>2011/12</td> <td>2600</td> <td>Likely to be in the region of 2000</td> <td></td> </tr> </tbody> </table>	Year	Scientific Advice (tonnes)	TAC set (tonnes)	Total landings (tonnes)	2007/08	3920	3,920	3,797	2008/09	3920	3,500	3,388	2009/10	3000	2,800	2,521	2010/11	3000	1800	1790	2011/12	2600	Likely to be in the region of 2000	
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Item	Comments
2	Condition of Certification and recommendations
Activity assessed	The fishery passed main assessment without the need for conditions
Action Plan	n/a
Observations	n/a
Conclusion	n/a

3	Any complaints against the certified operation; recorded, reviewed and actioned
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	<p>No complaints received by IMM</p> <p>MSC have investigated toothfish mislabelling claims made by Marko <i>et al.</i>, (<i>Current Biology</i>, Volume 21, Number 16, R622). Findings reported by MSC indicated that there appears to be no case.</p> <p>GSGSSI received a complaint from a fishing company that did not receive a licence for the 2011 fishery. The complaints will be subject to Judicial review late 2011.</p> <p>These items do not affect the certified status of the fishery.</p>
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4	Any relevant changes to legislation or regulation.
	<p>Legislation; no change</p> <p>Slight changes to the regulation of the fishery.</p> <ul style="list-style-type: none"> • The minimum depth where fishing is allowed to take place increased from 500 to 550m in 2010 and down to 700m in the 2011 season. VMS tracking has been used to ensure compliance. • Hooks used by each longliner in the fishery are now uniquely marked. Reference hooks are retained by GSGSSI • The reduced impact area (RIA) at West Gully has been increased in area, almost doubling in size <p>These are minor changes and do not affect the fishery certification</p>

5	Any relevant changes to management regime.
	<p>No significant change.</p> <p>CCAMLR allowed the SGTF fishing season to open slightly earlier in the 2011 season – 21 April. The early commencement is conditional that no more than three birds are caught before 01May. Diligent monitoring identified one bird mortality, during the entire season, which was a white chinned petrel.</p>

6	Client group																														
	<p>The GSGSSI are the client for the South Georgia Patagonian Toothfish longline fishery. GSGSSI issue fishing licences on an annual basis to allow fishing for that annual campaign.</p> <p>The 2010 campaign</p> <table border="1"> <thead> <tr> <th>Company</th> <th>Vessel name</th> </tr> </thead> <tbody> <tr> <td>Argos Georgia Ltd</td> <td>Argos Georgia, Argos Froyanes</td> </tr> <tr> <td>Tofisco Ltd</td> <td>Koryo Maru 11</td> </tr> <tr> <td>Sanford Ltd</td> <td>San Aspiring</td> </tr> <tr> <td>Beauchene Fishing Co</td> <td>Viking Bay</td> </tr> <tr> <td>Antarctic Sea Fisheries</td> <td>Antarctic Bay</td> </tr> <tr> <td>Quark Fishing Ltd</td> <td>Jacqueline</td> </tr> <tr> <td>Georgia Seafoods Ltd</td> <td>Tronio</td> </tr> <tr> <td>Concordia</td> <td>Isla Alegranza</td> </tr> </tbody> </table> <p>The following fishing vessels were licensed for the 2011 campaign:</p> <table border="1"> <thead> <tr> <th>Company</th> <th>Vessel name</th> </tr> </thead> <tbody> <tr> <td>Argos Georgia Ltd</td> <td>Argos Georgia, Argos Froyanes</td> </tr> <tr> <td>Sanford Ltd</td> <td>San Aspiring</td> </tr> <tr> <td>Antarctic Sea Fisheries</td> <td>Antarctic Bay</td> </tr> <tr> <td>Quark Fishing Ltd</td> <td>Jacqueline</td> </tr> <tr> <td>Concordia</td> <td>Isla Alegranza</td> </tr> </tbody> </table>	Company	Vessel name	Argos Georgia Ltd	Argos Georgia, Argos Froyanes	Tofisco Ltd	Koryo Maru 11	Sanford Ltd	San Aspiring	Beauchene Fishing Co	Viking Bay	Antarctic Sea Fisheries	Antarctic Bay	Quark Fishing Ltd	Jacqueline	Georgia Seafoods Ltd	Tronio	Concordia	Isla Alegranza	Company	Vessel name	Argos Georgia Ltd	Argos Georgia, Argos Froyanes	Sanford Ltd	San Aspiring	Antarctic Sea Fisheries	Antarctic Bay	Quark Fishing Ltd	Jacqueline	Concordia	Isla Alegranza
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7	Overall Conclusions
	The client remains fully committed to the MSC certification for this fishery with ongoing science

	<p>to underpin an effective fishery management system.</p> <p>No changes in management have taken place that would detrimentally affect the performance of this fishery against the MSC standard and the fishery continues to meet the requirements of the MSC Standard.</p>																																													
<p>Plan for future surveillance audits</p>	<p>CR 27.11.1.1 contains a formula to assess the format that the annual surveillance audit should take</p> <p>Table C3 Criteria to determine surveillance score</p> <table border="1" data-bbox="560 499 1417 1001"> <thead> <tr> <th>Criteria</th> <th>Surveillance Score</th> <th>SGTF at surv 2</th> </tr> </thead> <tbody> <tr> <td>1. Default Assessment tree used?</td> <td></td> <td>2</td> </tr> <tr> <td>Yes</td> <td>0</td> <td></td> </tr> <tr> <td>No</td> <td>2</td> <td></td> </tr> <tr> <td>2 2. Number of conditions</td> <td></td> <td>0</td> </tr> <tr> <td>Zero conditions</td> <td>0</td> <td></td> </tr> <tr> <td>Between 1-5 conditions</td> <td>1</td> <td></td> </tr> <tr> <td>More than 5</td> <td>2</td> <td></td> </tr> <tr> <td>3. Principle Level Scores</td> <td></td> <td>0</td> </tr> <tr> <td>≥85</td> <td>0</td> <td></td> </tr> <tr> <td><85</td> <td>2</td> <td></td> </tr> <tr> <td>4. Conditions on outcome PIs?</td> <td></td> <td>0</td> </tr> <tr> <td>Yes</td> <td>2</td> <td></td> </tr> <tr> <td>No</td> <td>0</td> <td></td> </tr> <tr> <td></td> <td></td> <td>Total score 2</td> </tr> </tbody> </table> <p>The score of 2 translates to the requirement for annual on site surveillance audits (CR 27.22.1.2 Table C4: Surveillance Level)</p> <p>MSC Certification should therefore continue with audits annually</p>	Criteria	Surveillance Score	SGTF at surv 2	1. Default Assessment tree used?		2	Yes	0		No	2		2 2. Number of conditions		0	Zero conditions	0		Between 1-5 conditions	1		More than 5	2		3. Principle Level Scores		0	≥85	0		<85	2		4. Conditions on outcome PIs?		0	Yes	2		No	0				Total score 2
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Appendix 1 - Stakeholder submissions TAB 29

The opportunity for stakeholders to meet the assessment team during the site visit, or send written submissions, was announced on the MSC website on 9 Aug 2011. Known stakeholders were also sent the announcement via email. IMM did not receive any responses.

Appendix 2 Catch data (MSC Policy Advisory 22)

Catch Data	
Total TAC established for the fishery in the most recent fishing year	2011 CCAMLR 3000t. GSGSSI set TAC at 1800t
Unit of Certification (UoC) share of the total TAC established for the fishery in the most recent fishing year.	2011 GSGSSI set TAC at 1800t
Client share of the total TAC established for the fishery in the most recent fishing year.	2011 GSGSSI set TAC at 1800t
Total greenweight catch taken by the client group in the two most recent calendar years.	2010 2521t 2011 1790t

Information Sources:

Meetings

26 Sept 2011. M. Collins & J Brown, GSGSSI, J Pearce, MRAG

27 Sept 2011. GSGSSI Science and industry annual meeting

Reports etc

CCAMLR (2009a) Report of the Working Group on Fish Stock Assessment (Hobart, Australia, 12 to 23 October 2009). Annex 5 of the Report of the Twenty-eighth Meeting of the Scientific Committee for the Conservation of Antarctic Marine Living Resources held in Hobart, Australia, from 26 to 30 October 2009. SC-CAMLR-XXVIII.

CCAMLR (2009b) Fishery Report: *Dissostichus eleginoides* South Georgia (Subarea 48.3). Appendix L of the Report of the Working Group on Fish Stock Assessment (Hobart, Australia, 12 to 23 October 2009). Annex 5 of the Report of the Twenty-eighth Meeting of the Scientific Committee for the Conservation of Antarctic Marine Living Resources held in Hobart, Australia, from 26 to 30 October 2009. SC-CAMLR-XXVIII.

CCAMLR (2010) Report of the Working Group on Fish Stock Assessment (Hobart, Australia, 11 to 22 October 2010). Annex 8 of the Report of the Twenty-ninth Meeting of the Scientific Committee for the Conservation of Antarctic Marine Living Resources held in Hobart, Australia, from 25 to 29 October 2010. SC-CAMLR-XXIX.
Appendix M: Fishery Report: *Dissostichus eleginoides* South Georgia (Subarea 48.3).

Standards and Guidelines used:

1. MSC Principles and Criteria for Sustainable Fishing
2. MSC Fishery Certification Methodology Version 6. September 2006
3. TAB Directives - all