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Catch Table Update for the West Greenland Shrimp Fishery

by

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Introduction

A catch table was presented to the 2007 meeting of NIPAG, to summarise various recent catch estimates and TAC values for the shrimp fisheries on the West Greenland shelf (SCR Doc 07/66). An updated version is given here.

STATLANT 21A catch data has improved in the last years and is now consistent with logbook data, but STATLANT data for the current year is still missing.

In previous years the provisional catch in Canadian SFA 1 had been estimated as the mean of the previous 5 years catches. However the fishery has fluctuated in recent years: there was no fishery in 2008 and reported catches for 2009 were insignificant, but in 2010 the fishery has returned to more usual levels. Therefore, instead of using an average of earlier catches, a provisional catch for 2010 of 4.500 kt furnished by industry observers has been used.

In Greenland Subarea 1 the provisional catch for each year has been projected from the first 6 months’ logbook catches and the average proportion caught in the first 6 months of the previous 5 years. In recent years the fishing pattern has altered, with more intense fishing in the second half of the year. This has caused our projections to be lower than the actual catches. This year the projected catch in Greenland Subarea 1 is 134.000 kt, which is obtained by educated guesses from GFLK based on cumulative catches from logbooks for the Greenlandic fleet for this year compared with past years (Fig. 1), plus the EU quota which is 4.000 kt.
Fig. 1: Cumulative catches for the Greenland fleet obtained from logbooks during different years from GFLK.

Acknowledgements

We want to thank Mads Rossing Lund of the Greenland Fishery and Licence Control (GFLK) for providing the data and figure on cumulative catches for the Greenlandic fleet and Tim Siferd from the Canadian Department of Fisheries and Oceans (DFO) for providing the information on the catches in 2010 for the Canadian fleet.

References

HVINGEL, C. 2003. Correction of reported past catches of Northern shrimp within the Greenland EEZ to conform to a revision of reporting practices. NAFO SCR Doc. 03/74 Ser. No. N4913. 3 pp.


Table 1: Annual catch and TAC data (mt) for the fishery for Northern Shrimp on the West Greenland shelf.

<table>
<thead>
<tr>
<th>Source (date last fetched)</th>
<th>2002</th>
<th>2003</th>
<th>2004</th>
<th>2005</th>
<th>2006</th>
<th>2007</th>
<th>2008</th>
<th>2009</th>
<th>2010</th>
</tr>
</thead>
<tbody>
<tr>
<td>Greenland SA1 offshore</td>
<td>54 600</td>
<td>57 000</td>
<td>75 452</td>
<td>74 100</td>
<td>74 100</td>
<td>74 100</td>
<td>70 281</td>
<td>59 025</td>
<td>60 525</td>
</tr>
<tr>
<td>Greenland SA1 inshore</td>
<td>36 550</td>
<td>43 000</td>
<td>55 900</td>
<td>55 900</td>
<td>55 900</td>
<td>55 900</td>
<td>53 019</td>
<td>51 545</td>
<td>50 045</td>
</tr>
<tr>
<td>SA1 EU</td>
<td>None</td>
<td>1000</td>
<td>4000</td>
<td>4000</td>
<td>4000</td>
<td>4000</td>
<td>4000</td>
<td>4000</td>
<td>4000</td>
</tr>
<tr>
<td>Total Greenland SA1</td>
<td>91 150</td>
<td>101 000</td>
<td>135 352</td>
<td>134 000</td>
<td>134 000</td>
<td>134 000</td>
<td>127 300</td>
<td>114 570</td>
<td>114 570</td>
</tr>
<tr>
<td>Canada SFA1</td>
<td>12 040</td>
<td>14 167</td>
<td>14 167</td>
<td>18 453*</td>
<td>18 380</td>
<td>18 417</td>
<td>18 417</td>
<td>18 417</td>
<td>18 417</td>
</tr>
<tr>
<td>Advised by SC</td>
<td>85 000</td>
<td>100 000</td>
<td>130 000</td>
<td>130 000</td>
<td>130 000</td>
<td>130 000</td>
<td>110 000</td>
<td>110 000</td>
<td>110 000</td>
</tr>
</tbody>
</table>

† quota drawdowns recorded in the GFLK data base; year’s total fetched in September 2010 as well as contemporary report from week 52 of the year.

‡ sum of species 632 (Northern Prawn) and species 639 (Pink Shrimps NS).  † since 2004 legally required to be ‘live weight’ and includes discards; the data fetched in September 2010 was for the period since January 2009 and was used to update existing files held by Grønlands Naturinstitut.

α the catch given is for the first 6 months of 2010.  ¶ Canadian Shrimp Fishing Area 1 is NAFO Sub-area 0 east of longitude 60°30’W;  ¶ provided for 1999–2005 through David Orr in St John’s, for 2006–10 through Tim Siferd in Winnipeg.  * adjusted; ref. J. Conlin, e-mails, 07-07-04.

l logbooks, s STATLANT + DFO Commercial Statistics, p provisional