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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.

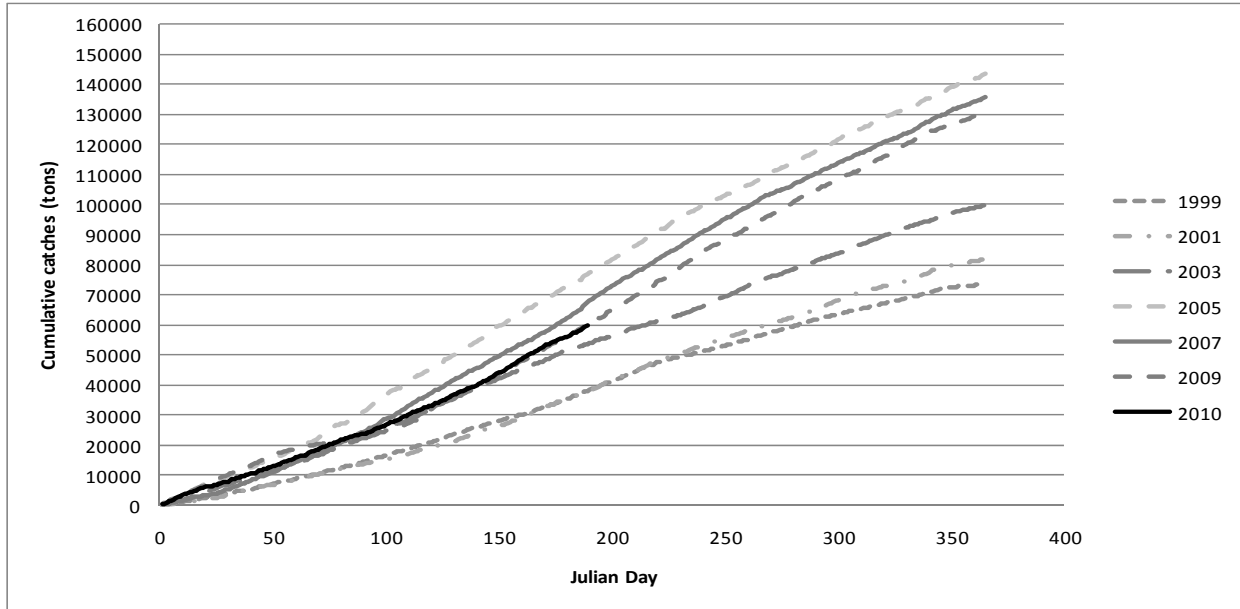


Fig. 1: Cumulative catches for the Greenland fleet obtained from logbooks during different years from GFLK.

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.
- HVINGEL, C. 2004. The fishery for Northern Shrimp (*Pandalus borealis*) off West Greenland, 1970–2004. NAFO SCR Doc. 04/75, Ser. No. 4914. 24 pp.
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Table 1: Annual catch and TAC data (mt) for the fishery for Northern Shrimp on the West Greenland shelf.

Source (date last fetched)	2002	2003	2004	2005	2006	2007	2008	2009	2010
GFLK [†] year (10-09-10) (SA 1)	100 903	94 961	119 942	129 647	127 327	123 126	132 213	120 024	77 975
GFLK [†] week 52	95 046	92 864	121 429	131 630	—	—	—	—	—
Overpacking correction (%) (SCR 03/74)	22.227	21.862	0	0	0	0	0	0	0
STATLANT [#] (SA1) (10-09-10)	103 645	78 436	142 326	149 978	153 188	142 245	148 550	133 561	—
STATLANT [#] (SA1) (corrected)	126 682	95580	142 326	149 978	153 188	142 245	148 550	133 561	—
Logbooks, SA 1 (10-08-26) [‡]	105 480	100 963	135 212	147 695	150 533	139 657	152 749	134 890	55 108 α
Logbooks, corrected	128 925	123 036	135 212	147 695	150 533	139 657	152 749	134 890	55 108 α
SCR 04/75, SA 1 (corrected)	128 906 l	123 845 l	—	—	—	—	—	—	—
STATLANT [#] (0A) (10-09-10)	6053	2170	6861	6410	3788	1878	0	429	—
DFO Commercial statistics SFA1 [§] (10-09-10)	6247	7137	7021	6921	4127	1945	0	220	1 775
DFO, Observer logbooks [□]	6504	6608	7209	6088	3589	2024	0	167	—
Total Catch for 2010 Assessment	135 172 l	130 173 l	149 347 s	156 899 s	157 315 s	144 190 s	152 749 l	135 319 l	138 500 p
Total Catch for 2009 Assessment	135 172 l	130 173 l	149 347 s	156 899 s	157 315 s	144 190 s	152 749 l	108 812 p	
Total Catch for 2008 Assessment	135 172 l	130 173 l	149 347 s	156 899 s	154 660 l	141 576 l	131 651 p		
Total Catch for 2007 Assessment	135 172 l	130 173 l	142 233 l	154 616 l	154 663 l	—			
TACs									
Greenland SA1 offshore	54 600	57 000	75 452	74 100	74 100	74 100	70 281	59 025	60 525
Greenland SA1 inshore	36 550	43 000	55 900	55 900	55 900	55 900	53 019	51 545	50 045
SA1 EU	None	1000	4000	4000	4000	4000	4000	4 000	4 000
Total Greenland SA1	91 150	101 000	135 352	134 000	134 000	134 000	127 300	114 570	114570
Canada SFA1	12 040	14 167	14 167	18 453*	18 380	18 417	18 417	18 417	18 417
Advised by SC	85 000	100 000	130 000	130 000	130 000	130 000	110 000	110 000	110 000

[†] 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