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**Greenland Halibut (*Reinhardtius hippoglossoides*) in SA 0 + Div. 1A Offshore and Div. 1B-1F**

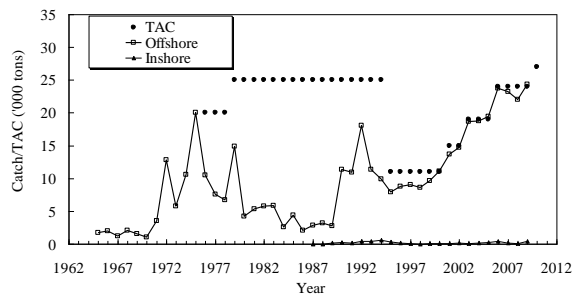
**Background:** The Greenland halibut stock in Subarea 0 + Div. 1A offshore and Div. 1B-1F is part of a common stock distributed in Davis Strait and southward to Subarea 3. Since 2002 advice has been given separately for the northern area (Div. 0A and Div. 1AB) and the southern area (Div. 0B and 1C-F).

**Fishery and Catches:** Due to an increase in offshore effort, catches increased from 3 000 tons in 1989 to 18 000 tons in 1992 and remained at about 10 000 tons until 2000. Since then catches increased gradually to 24 800 tons in 2009 primarily due to increased effort in Div. 0A and in Div. 1A.

Year	Catch ('000 t)		TAC ('000 t)	
	STACFIS	21A	Recc.	Agreed
2007	23	23	24 <sup>2</sup>	24
2008	22	15 <sup>1</sup>	24 <sup>2</sup>	24
2009	25	18 <sup>1</sup>	24 <sup>2</sup>	24
2010			27	

<sup>1</sup> Provisional

<sup>2</sup> Including 13 000 t allocated specifically to Div. 0A and 1AB since 2006.

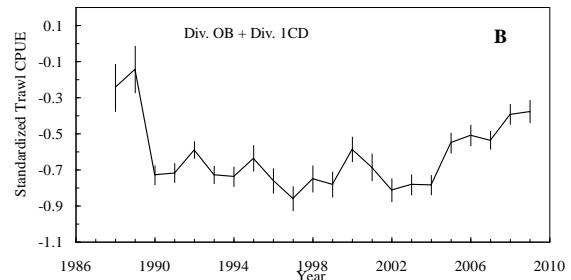
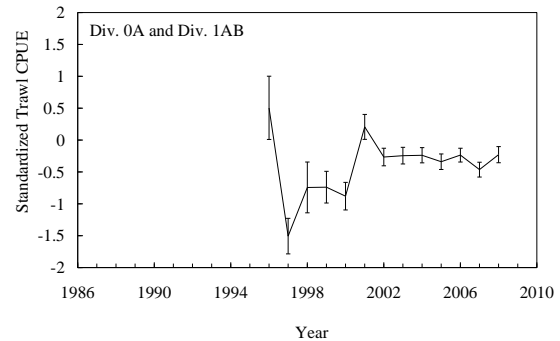


**Data:** Length distributions were available for assessment from SA0 and SA1. Unstandardized and standardized catch rates were available from Div. 0A, 0B, 1AB and 1CD. Biomass estimates from deep sea surveys in 2009 were available from Div. 1CD. Further, biomass and recruitment data were available from shrimp surveys in Div. 1A-1F from 1989-2009.

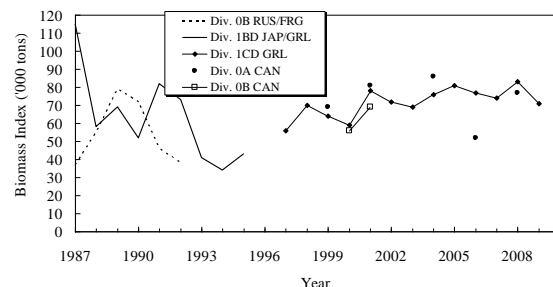
**Assessment:** No analytical assessment could be performed.

**Commercial CPUE indices.** Combined standardized catch rates in Div. 0A and Div. 1AB have been stable during 2002-2008. The combined Div. 0B and 1CD standardized catch rates have been stable during 2002 - 2004. Since then the standardized catch rates have

increased gradually and were in 2009 at the highest level seen since 1989.

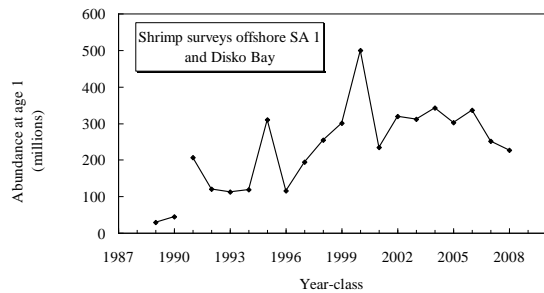


**Biomass:** The survey biomass in Div. 1CD increased gradually between 1997 and 2008, but decreased to 71 000 tons in 2009 which is close to the average for the thirteen year time series. The biomass in the shrimp survey, which is almost exclusively found in Div. 1AB, has been gradually decreasing during 2004-2009 and was in 2009 slightly below the average for the time series (1991-2009).



**Recruitment:** The abundance of the 2000 year-class at age 1 in the entire area covered by the Greenland shrimp survey was the largest in the time series, while the 2002-2006 year-classes were well above average. The recruitment of the 2007 and 2008 year-

class in the offshore nursery area (Div. 1A (South of 70°N) - Div. 1B) was below average.



*Fishing Mortality:* Level not known.

**State of the Stock:** Div 0A+1AB: Length compositions in the catches have been stable in recent years. Survey biomass in Div. 0A and CPUE indices in Div. 0A and 1AB have been stable in recent years.

Div. 0B+1C-F: Survey biomass in Div. 1CD has been stable and CPUE indices in Div. 0B and 1CD have shown an increasing trend in recent years and are at the level observed in the late 1980s.

**Recommendation:** Div 0A+1AB: Considering the relative stability in biomass and CPUE indices, for Greenland halibut in Div. 0A and 1AB Scientific Council advises that there is no basis to change advice for Div. 0A and Div. 1A off shore + Div. 1B for 2011 and the TAC should not exceed 13 000 t.

Div. 0B+1C-F: Taking into account the stability in biomass and the increasing trends in CPUE indices for Greenland halibut in Div. 0B and Div. 1CD Scientific Council advises that there is no basis to change advice for in Div. 0B and Div. 1C-F for 2011 and the TAC should not exceed 14 000 t.

**Reference Points:** Scientific Council is not in a position to propose reference points at this time.

**Special Comments:** The next Scientific Council assessment of this stock will be in 2011.

**Sources of Information:** SCR Doc. 10/11, 30, 34; SCS Doc. 10/05, 08, 10, 12.