

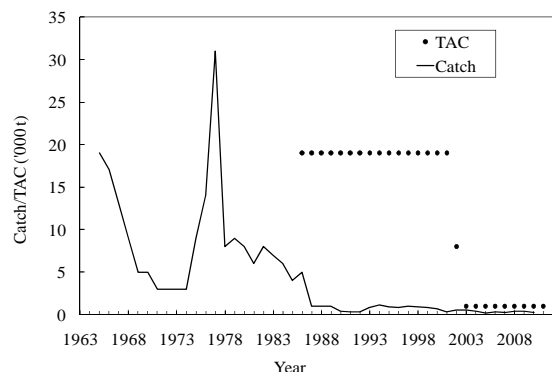
Demersal Redfish (Sebastes spp.) in Subarea 1

Background: There are two redfish species of commercial importance in SA 1, golden redfish (*Sebastes marinus*) and deep-sea redfish (*Sebastes mentella*). Relationships to other north Atlantic redfish stocks are unclear.

Fishery and Catches: Reported catches of golden redfish and redfish (unspecified) in SA 1 has been less than 1 000 t since 1987 and less than 500 t since 2001. In 2010, 251 t were reported including 85 t reported to Greenland as by-catch in the shrimp fishery.

	Catch (‘000 t)	TAC (‘000 t)	
		Recommended	Autonomous
2008	0.4	ndf	1
2009	0.4	ndf	1
2010	0.3	ndf	1
2011		ndf	1

ndf - No directed fishery



Data: Biomass and abundance indices were available from the EU-Germany groundfish survey (1982-2010), The Greenland Shrimp Fish survey (1992-2010), The Greenland-Japan deep-sea survey (1987-1995) and The Greenland deep-sea survey (1997-2010).

Assessment: No analytical assessment could be performed.

Fishing mortality: Unknown for both stocks.

Golden redfish

Biomass: The biomass of golden redfish in SA1 has generally been increasing since 2002, but is still far below the 1982 survey estimate.

Recruitment: Recruitment of age 5 has been generally increasing since 2002.

State of the Stock: The stock has revealed some recovery potential due to both increased recruitment

and SSB. However, biomass remains far below the 1982 EU-German survey estimate. The stock remains at a low level.

Deep-sea redfish

Biomass: An increase in biomass has been observed in the Greenland deep-sea Survey and in SSB in the EU-German survey in recent years. However, the SSB indices derived from the EU-German survey are below the 1980s values. The stock remains at a low level.

Recruitment: Recruitment has been low in recent years.

State of the stock: The increase in SSB observed in the EU-German survey since 2002, is below the initial 1980s values. The stock remains at a low level.

Recommendation: No directed fishery should occur on demersal redfish in Subarea 1 in 2012, 2013 and 2014 and bycatches in other fisheries be kept at the lowest possible level.

Reference points: Scientific Council was unable to propose reference points for either of the stocks.

This stock will next be assessed in 2014.