Beaked redfish

Irminger Sea shallow pelagic

Fishery: NEAFC and NAFO Regulatory Areas, Denmark, Midwater trawls

IDENTIFICATION

SCIENTIFIC NAME
Sebastes mentella

SPECIES NAMES(S)
Beaked redfish

STOCK IDENTIFICATION

The Workshop on Redfish Stock Structure (ICES, 2009a) reviewed the stock structure of Sebastes mentella in the Irminger Sea and adjacent waters. Based on the outcome of the WKREDS meeting, ICES concluded that there are three biological stocks of S. mentella:

- a “Deep Pelagic” stock (NAFO Areas 1–2, ICES Subareas V, XIII, and XIV >500 m) – primarily pelagic habitats, including demersal habitats west of the Faroe Islands;
- a “Shallow Pelagic” stock (NAFO Areas 1–2, ICES Subareas V, XIII, and XIV <500 m) – extending to ICES Subareas I and II, but primarily pelagic habitats, including demersal habitats east of the Faroe Islands;
- an “Icelandic slope” stock (ICES Division Va and Subarea XIV) – primarily demersal habitats.

ASSESSMENT

Strengths

The stock structure appears to have been ascertained. The impacts the fishery has on the habitat and other species in the region are regarded as negligible. A multiannual interim set of management measures to gradually decrease catches has been agreed in 2011 by some of the NEAFC contracting parties.

Weaknesses

Stock size is thought to be very low. No analytical assessment is conducted due to short time series of survey data and insufficient data from commercial catches. Reporting of landings is patchy and considered problematic. There is still no formal agreement by all nations on a management plan and TAC allocation scheme. Russia has objected the recommendation of management measures for 2011-2014.

Options

A management/recovery plan which accounts for uncertainties and the unique properties of the fishery should be developed and effectively implemented. Additional countries should participate in the survey efforts to improve the availability of fishery-independent information and improved effort in the reporting of landings is needed.

SCORES

Management Quality:

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<th>Management Strategy</th>
<th>Managers Compliance</th>
<th>Fishers Compliance</th>
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Stock Health:

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FIPS

No related FIPs

MSC

No related MSC fisheries

RELATED LINKS:

- International Council for the Exploration of the Sea (ICES), North East Atlantic Fisheries Commission (NEAFC), Northwest Atlantic Fisheries Organization (NAFO)