

Northwest Atlantic



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EEC Request for Scientific Advice on Management

in 1985 of Certain Stocks in Subareas 0 and 1

by

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1. The EEC requests the Scientific Council of NAFO to provide advice for the following stocks:

a) Stocks occurring in Subareas 0 and 1:

Greenland halibut
Roundnose grenadier
Northern shrimp

b) Stocks occurring in Subarea 1:

Atlantic cod
Atlantic redfish
Wolffish (catfish)

2. For the above mentioned stocks, the present state of exploitation should be reviewed and options for management in 1985 given. Where possible, these should be expressed graphically in terms of catch in 1985 and the size of the spawning stock biomass on 1 January 1986 for a range of values of F which covers at least -50% to +25% of F in 1983.
3. For cod in Subarea 1, it is requested that catches for each year up to and including 1987 and spawning stock biomasses for each year up to and including 1988 are calculated for maintaining F at the following levels from 1985 onwards: $F = F_{0.1}$, $F = F_{max}$ and F_{1982} . All values of F refer to that on the most heavily exploited age groups.

Catches should also be calculated for the option of maintaining the spawning stock biomass at 175,000 tons and the resultant F estimated.

It is also requested that F in each year up to and including 1987 and spawning stock biomasses for each year up to and including 1988 and calculated for:

- maintaining until 1987 a constant catch equal to that in 1983;
- maintaining until 1987 a constant catch equal to that in 1984 if the stock were fished at $F_{0.1}$ in 1984;
- maintaining until 1987 a constant catch of 68,500 tons.

The agreed TAC for 1984 is 68,500 tons.

Advice is requested on the effects of increasing the mesh size from the existing regulation 130 mm to 140 mm, 150 mm and 160 mm respectively. From September 1984, the fishery by Greenland fishermen will use 140 mm mesh size.

4. Management options for shrimp at East Greenland should also be given in coordination with ICES.

