

The Advisory Committee on Fishery Management recommends that

- 1.1(1) 1. the Baltic Salmon Assessment Working Group (Chairman Mr H. Lassen) should meet at ICES Headquarters from 10-16 March 1981 to:
- (i) provide advice on a TAC for Baltic Salmon in 1982: to advise on the additional data which are required to increase the accuracy of this advice, and the design of sampling programmes to meet this end,
 - (ii) estimate the effects of extending the present final date of the closed season for salmon fishing in the Baltic from 1 September until 15 September,
 - (iii) assess the effects of reducing the current minimum hook size for fishing for Baltic salmon from 19 mm to 15 mm,
 - (iv) estimate the contributions by individual states to the reproduction of the total stock of salmon in the Baltic and advise on the distribution of these reproductive products during their sea phase between the fishing zones of the member states.
2. The Working Group on Redfish and Greenland Halibut in Region 1 (Chairman Mr B. Vaske) should meet at ICES Headquarters from 11-19 March 1981 to:
- (i) assess TACs for 1982 for redfish and Greenland halibut,
 - (ii) estimate effective mesh sizes in use for redfish,
 - (iii) estimate the short-term losses and long-term gains resulting from an increase in mesh size in Sub-areas XIV (to 140 mm) for all species of significant importance in that area,
 - (iv) advise on the effectiveness of closed areas for the protection of spawning and nursery grounds of redfish in Sub-area XIV,
 - (v) evaluate biological relationships between Greenland halibut and redfish stocks in east and west Greenland.
 - (vi) NAFO scientists are invited to take part in the evaluation mentioned above.
3. The Working Group on Division IIIa Stocks (Chairman Mr K. Popp Madsen) should meet at ICES Headquarters from 18-24 March 1981 to:
- (i) evaluate any new data available on stock components in Division IIIa herring,
 - (ii) assess TACs for 1982 for cod, whiting, haddock, plaice and sprat in Division IIIa,
 - (iii) examine any new data available which might cast more light on the inter-relations between cod and herring in Division IIIa and in the Baltic,
 - (iv) estimate the species composition of by-catches in the Pandalus borealis fisheries and advise on an appropriate by-catch limit.
4. The Working Group on Fish Stocks at the Faroes should be disbanded and its former functions should be taken over by the Saithe Working Group which already carries out assessments of saithe stocks in the Faroe region.

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5. The Saithe (Coalfish) Working Group (Chairman Mr T. Jakobsen) should meet at ICES Headquarters from 19-25 March 1981 to :
 - (i) assess TACs for saithe stocks in 1982,
 - (ii) assess TACs for cod and haddock in the Faroes area,
 - (iii) advise on appropriate mesh sizes for saithe for trawl gears in Sub-areas I and II and Sub-area IV.
6. The North Sea Roundfish Working Group (Chairman Mr B.W. Jones) should meet at ICES Headquarters from 24 March to 2 April 1981 to :
 - (i) assess TACs for 1982 for cod, haddock and whiting in Sub-areas IV, VI and VII (excluding Divisions VIIa, VIIf and VIIg),
 - (ii) advise on appropriate minimum mesh size for cod, haddock and whiting if fished in a single species fishery in Sub-area IV,
 - (iii) re-examine the appropriate mesh sizes for NEAFC Recommendation 1 fisheries in Sub-area VI in the light of the previous recommendations by ICES on this subject, and bearing in mind the enforcement problems of a differential in minimum mesh size between Sub-areas IV and VI,
 - (iv) assess the effects of an increase in mesh size to 80 mm in Divisions VIIId and VIIe,
 - (v) look at the information available on haddock and cod stocks in Division VIb with the aim of carrying out an analytical assessment of these stocks, if this is possible,
 - (vi) estimate the species composition of by-catches in the Pandalus borealis fisheries and advise on an appropriate by-catch limit.
7. The Irish Sea and Bristol Channel Working Group (Chairman Mr D. de G. Griffith) should meet at ICES Headquarters from 31 March to 9 April 1981 to :
 - (i) assess TACs for cod, haddock, whiting, plaice and sole in Divisions VIIa, VIIf and VIIg,
 - (ii) continue the examination of interactions between fisheries in these Divisions.
8. The Blue Whiting Assessment Working Group (Chairman Mr H. i Jakupsstovu) should meet at ICES Headquarters from 6-12 May 1981 to :
 - (i) assess the current exploitation rate of the blue whiting stocks and advise on the biological need for and form of any regulatory action,
 - (ii) promote and coordinate further biological research on blue whiting in accordance with the recommendations presented in Doc. C.M. 1980/H:5.
9. The Herring Assessment Working Group for the Area South of 62°N (Chairman Mr Ø. Ulltang) should meet at ICES Headquarters from 27 April to 5 May 1981 to :
 - (i) reassess the herring stocks in Sub-areas IV and VII, Divisions IIIa and VIa, and sprat stocks in Sub-area IV,
 - (ii) collate any new data available on herring by-catch in the sprat fisheries by small time and area sub-divisions,

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- (iii) assess the effects of a 40mm maximum mesh size for trawl gears for herring in Sub-area IV.
10. The Mackerel Working Group (Chairman Mr. J. Guéguen) should meet at ICES Headquarters from 7 to 14 April 1981 to :
- (i) assess the mackerel stocks in Sub-areas II, III, IV, VI, VII, VIII and XI,
 - (ii) give further clarification of the biological reasoning underlying the selection of 30 cm as the length below which catching mackerel is undesirable, both for the North Sea and the Western stocks,
 - (iii) provide the best statistics available, sub-divided by gear type and by month (or season) of catches of horse mackerel, pilchard, sprat and mackerel in the area recommended for closure in paragraph 205 of the ACFM Report of 1980,
 - (iv) assess the benefits to the mackerel stock of the closure proposed in the paragraph of the ACFM report mentioned above, including data available on the length distribution of catches, the mortality per age group, by months, and by gear types and mesh sizes,
 - (v) assess the effects of a 40 mm minimum mesh size for trawl gears for mackerel in Sub-area IV.
11. The Working Group on the Assessment of Hake (Chairman Mr E. Cadima) should meet at ICES Headquarters from 30 April to 7 May 1981 to:
- (i) assess TACs for hake,
 - (ii) review the exploitation patterns of the hake stocks and advise on any additional measures required to improve them,
 - (iii) discuss the data requirements for assessments of sea bream, monkfish, and flatfish in Sub-areas VII, VIII and IX and draw up plans for collecting the requisite data.
12. The Working Group on Assessment of Demersal Stocks in the Baltic (Chairman Dr O. Bagge) should meet at ICES Headquarters from 5-11 May 1981 to :
- (i) provide advice on TACs for cod for each stock (fishery unit),
 - (ii) assess the effects on cod stocks of fishing with smaller meshed gears than that applied for cod,
 - (iii) advise on possible conservation measures for cod stocks in the Sub-divisions 22-24 in the absence of effective TACs.
13. The Working Group on Assessment of Pelagic Stocks in the Baltic (Chairman Dr E. Ojaveer) should meet at ICES Headquarters from 5-14 May 1981 to :
- (i) estimate TACs for herring and sprat stocks in the Baltic area,
 - (ii) compile available data on the by-catches of herring in the sprat fisheries and in the industrial fisheries,
 - (iii) assess the effects of these by-catches on herring stocks and advise on means of minimising these effects,
 - (iv) reconsider the advice previously given on measures to protect juvenile herring in the Baltic.

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14. The Atlanto -Scandian Herring and Capelin Working Group (Chairman Mr J. Jakobsson) should assume responsibility for capelin assessment in the ICES area. With this in mind, it should meet at Bergen from 13-20 October 1981 to:

- (i) assess the state of the Atlanto-Scandian herring,
- (ii) assess the state of capelin stocks in Sub-areas I, II, V and XIV, and advise on any necessary management measures for these stocks.

15. The North Sea Flatfish Working Group (Chairman Dr R. De Clerck) should meet at ICES Headquarters from 21 to 26 September 1981 to :

- (i) assess TACs for sole and plaice in the North Sea and Channel for 1982,
- (ii) collate the results of mesh selection experiments using beam trawls carried out in 1980 and comment on the effects of the results on ICES' previous advice on this topic,
- (iii) comment on the available by-catch data in fisheries for crangon and advise if there are areas within 12 mile limits or seasons when a by-catch limit of 10% should be needed.

The Arctic Fisheries Working Group (Chairman Prof. A. Schumacher) should meet at ICES Headquarters from 16 to 23 September 1981 to assess TACs for 1982 for cod and haddock in Sub-areas I and II.

17. A Working Group on Cod Stocks off East Greenland (Chairman Dr S. Schopka) should meet at ICES Headquarters from 3 to 10 March 1981 to

- (i) evaluate and collate data necessary to assess the state of the stock including migrations and sources of progeny;
- (ii) provide advice on a TAC for this stock in 1982,
- (iii) assess the short-term losses and long-term gains which would result from an increase in mesh size up to 140 mm.

18. Appropriate members of the North Sea Roundfish Working Group should meet in Aberdeen from 11 to 17 February 1981, to complete the revision of their data bases started at the 1980 meeting of this Working Group. The results of this revision should be reported to the assessment meeting of this Working Group scheduled for 24 March to 2 April 1981.

19. The ACFM Study Group on standard ICES computer programs for assessments (Chairman Mr K. Hoydal) should meet at ICES Headquarters, at the Council's expense, from 24 to 27 February 1981 to test the new suite of programs prepared by the ICES Systems Analyst and put in hand any necessary modifications of these programs.

20. The Pandalus stock in the ICES area at East Greenland should be assessed by the NAFO Assessment Working Group dealing with the shrimp stock at West Greenland, with appropriate ICES involvement. This NAFO Group should report to ACFM in relation to the East Greenland shrimp stock.

II(2) To meet the management requirements discussed at the "Dialogue Meetings" held in 1980, two mid-term meetings of ACFM will be required in 1981. These should be held at ICES Headquarters from 1 to 9 July 1981, and from 3 to 5 November 1981, under the Chairmanship of Mr K.Hoydal, and funds should be made available for that purpose.