



LONDON

ANT/IX/54

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Agenda Item 6

ANTARCTIC MARINE LIVING RESOURCES:  
SCIENTIFIC RESEARCH

(Submitted by the United Kingdom)

The Representatives,

Recalling Recommendation VIII - 10;

Aware of the inadequacy of the information concerning the biology, distribution, bio-mass, population dynamics and the ecology of Antarctic marine living resources;

Recognizing the need to develop a good scientific foundation for appropriate conservation measures;

Noting with appreciation the response of the Scientific Committee on Antarctic Research (SCAR) to Recommendation VIII - 10 and the preparation by the SCAR/SCOR Group of Specialists on Living Resources of the Southern Ocean (Scientific Committee on Oceanic Research (SCOR) Working Group 54) of the Biological Investigation of Marine Antarctic Systems and Stocks (BIOMASS) programme;

And Noting the valuable contributions to the BIOMASS programme that can be made by any vessel operating in the Antarctic.

Recommend to their Governments that:

1. They initiate or expand, insofar as is practicable within their Antarctic scientific programmes, detailed studies that will contribute to the practical implementation of the BIOMASS research programme;

2. They undertake, in planning their marine activities in the Antarctic;
  - (a) to have regard to the advantages that will accrue from coordination of scientific investigations;
  - (b) to make available on vessels operating in the Antarctic, other than research vessels contributing directly to the BIOMASS programme, time and facilities for routine observations aimed at extending the data base for the programme;
  - (c) to have regard to the scientific advantages that will accrue from integrating, insofar as is practicable, research vessel programmes with commercial fishing operations.



LONDON

Agenda Item 5

(submitted by the Delegation of the United Kingdom)

APPENDIX A (STATISTICS FROM COMMERCIAL FISHERIES) TO BIOLOGICAL INVESTIGATIONS OF MARINE ANTARCTIC SYSTEMS AND STOCKS (BIOMASS)

1. Catches.

The quantities should refer to nominal catches, ie the live weight of the animals as they leave the water, before any processing takes place. These nominal catch data, reported in metric tons, should be broken down as follows:

- (a) Time periods: These should be in calendar months. Annual summaries should be for split years (1 July-30 June).
- (b) Species items: Categories should refer preferably to individual species.
- (c) Fishing areas: The catch data reported should refer to FAO 'Major Fishing Areas' 48, 58 and 88 taking account of the sub-areas and divisions of those Antarctic fishing areas.
- (d) Fishing gear: The catches should be broken down according to the principal fishing methods used listed in FAO's International Standard Statistical Classification of Fishing Gear.

2. Fishing effort and corresponding catches.

Data of nominal catches should be provided for each fishing unit in accordance with the standard definitions and effort concepts established the Co-ordinating Working Party on Atlantic Fishery Statistics.

3. Fishing fleets.

Details should be given on all the individual units of fleets operating in one or more of the three FAO Antarctic Fishing Areas during a specified split year, 1 July-30 June. For each of these vessels the following information should be provided: (a) its nationality and name, (b) type of vessel, (c) overall length, (d) gross registered tonnage, (e) horsepower, (f) type or types of fishing gear, (g) personnel, (h) hold capacity for various products (i) special processing equipment.