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## NOTICE

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### **Design and Evaluation of Biological Surveys in Relation to Stock Assessments**

Special Session of the Scientific Council of NAFO  
Dartmouth, Nova Scotia, Canada, 4-6 September 1985

#### **Specific Topics**

1. Survey design and operations
  - a) Stratified-random groundfish surveys (standard bottom trawls)
  - b) Surveys designed for pelagic species (hydroacoustic, midwater-trawl and aerial surveys)
  - c) Surveys of invertebrate stocks (e.g. photographic and trap surveys)
  - d) Surveys of marine mammals (e.g. aerial surveys)
  - e) Surveys of early life stages of fish and invertebrates (e.g. eggs, larvae and juveniles) for stock assessment purposes
2. Survey gear, performance and catchability
  - a) Determination of gear parameters
  - b) Variability of parameters according to towing speed, bottom conditions and topography, currents, etc.
3. Environmental factors affecting variation in catchability of survey gears
4. Evaluation of survey data
  - a) Survey indices
  - b) Abundance and biomass estimates
  - c) Reliability of survey estimates
5. Importance and value of survey data for stock assessments

#### **Deadlines**

Authors are requested to send titles and brief descriptions of their potential contributions to the Convener by **15 April 1985**. Papers will be selected on the basis of their relevance to the topics indicated above. Authors of selected contributions will be informed by 15 May 1985.

Completed manuscripts (typescript or good quality photocopy) must arrive at the NAFO Secretariat for mimeographing by **20 August 1985**, addressed to Assistant Executive Secretary, Northwest Atlantic Fisheries Organization, Bedford Institute of Oceanography, P. O. Box 638, Dartmouth, Nova Scotia, Canada, B2Y 3Y9.

#### **Publication**

Publication in the *Journal of Northwest Atlantic Fishery Science* or *NAFO Scientific Council Studies* will depend on the nature and quality of individual contributions.

#### **Convener**

Further information may be obtained from the NAFO Secretariat or from the Convener:

Dr J. Messtorff  
Institut für Seefischerei  
Fischkai  
D-2850 Bremerhaven 29  
Federal Republic of Germany  
Telex: 41-215716



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NOTICE

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**Recent Advances in Understanding Recruitment in Marine  
Fishes of the Northwest Atlantic, with Particular  
Emphasis on Georges Bank and Flemish Cap**

Special Session in September 1986

This theme was chosen by the Scientific Council of NAFO for a 3-day special session in advance of its Annual Meeting in September 1986. Details of organizational arrangements, including time and place, outline of topics to be covered, and deadlines for the submission of abstracts and completed manuscripts, will be finalized at the September 1985 Meeting of the Scientific Council.



# Instructions for Authors in the Preparation of Manuscripts for Scientific Council Studies

## Form of Manuscript

Authors should submit the original typewritten manuscript or a good quality reproduction in English on standard letter-size paper. All typing should be double-spaced with at least 2.5 cm margins around the page. Avoid breaking words at the end of lines. Number all pages consecutively with arabic numerals in the center of the top margin. The sequence of the material should be title page, abstract, text, tables, list of figures, and figures.

## Content of Manuscript

### Title Page

This page should contain the name(s) and complete address(es) of the author(s), including professional affiliation. Short titles of papers are preferred.

### Abstract

An informative abstract, not a summary of the contents should not exceed one double-spaced page or about 250 words, the ultimate length being dependent on the size of the manuscript.

### Text

In general, papers should be organized with an Introduction, Materials and Methods, Results, Discussion, Acknowledgements, and References. Authors should be guided by papers published in the Studies and by the Council of Biological Editors (CBE) Style Manual. All measurements should be given in numerals in the metric system. If other units are essential to the material presented, equivalents in metric units must be included. Footnotes should be avoided, but where necessary they should be numbered consecutively in the text and placed below a horizontal line at the bottom of each relevant page. Only those words to be printed in italics should be underlined.

### Tables

All tables must be discussed or mentioned in the text. Tables should be carefully constructed so that the data presented are readily understood. Each table should start on a separate page and be headed by a description which, together with the column headings, makes the table intelligible without reference to the

text. Tables should be numbered consecutively with arabic numerals. The required positions of tables in the text should be clearly indicated in the left margin of the relevant pages.

### Figures

Each photograph or drawing, described or mentioned in the text, must be on a separate sheet in a form suitable for good quality reproduction and numbered consequently with arabic numerals. Lettering must withstand reduction of the figure to page width (17 cm) or half-page (single column) width (8 cm). To avoid using excessive space, many kinds of illustrations are adequately intelligible if reduced to half-page width, provided that some thought is given to the design and lettering. Black-ink line drawings or glossy photographs are acceptable. Over-sized line drawings should be submitted as glossy photographs no larger than 17 cm wide and about 20 cm high, preferably smaller. The original drawings, if larger than 17 × 20 cm, should be retained by the author and forwarded only if requested by the editor. The figure number should be indicated on the back or in the margin of each illustration together with the name(s) of the author(s). Figure legends should be typed double-spaced on a separate sheet, which follows the tables in paging sequence. The approximate location of each figure in the text should be indicated in the left margin of the relevant page. A complete set of clear illustrations must accompany the original copy of the manuscript.

### Bibliographic style

Literature references cited in the text must be by author's surname and date, viz,

It was reported that (Collins, 1960) ...

Collins (1960) reported that ...

The names of two authors may be used in a citation, but if more than two authors are involved the citation should be (Collins *et al.* 1960). All papers referred to in the text must be listed alphabetically by the senior author's surname and initials in the References, followed by the initials and surnames of other authors (if any), the year of publication, full title of the paper, abbreviated name of the periodical, volume or number,

and range of pages. Abbreviations of periodicals should, if possible, follow the "World List of Aquatic Sciences and Fisheries Serial Titles" published periodically by the Food and Agriculture Organization (FAO). References to monographs should, in addition to the author, year and title, contain the name of the publisher, place, and number of pages in the volume. Reference to papers submitted but not yet published should be indicated as being "In press" or "Submitted for publication". The accuracy of all references is the responsibility of the author.

### **Proofs**

All proofs of manuscripts must be corrected and returned to the Editor within 3 days of receipt. Only corrections of typographical errors are permitted at the proof stage. Any proposed additional alterations to the text will be at the discretion of the Editor.

### **Reprints**

A total of 50 free reprints will be provided to the senior author and 25 free reprints to each additional author. Additional reprints may be ordered, when proofs are returned at charges based on the length of the paper.

### **Submission of Manuscripts**

Manuscripts for publication should be addressed to:

Assistant Executive Secretary  
Northwest Atlantic Fisheries Organization  
Bedford Institute of Oceanography  
P. O. Box 638  
Dartmouth, Nova Scotia  
Canada B2Y 3Y9

## **NAFO Scientific Council Studies**

### **Previous Issues**

- No. 1. Miscellaneous Selected Papers (101 pages, published March 1981)
- No. 2. Manual on Groundfish Surveys in the Northwest Atlantic, W. G. Doubleday, Editor (55 pages, published December 1981)
- No. 3. Miscellaneous Selected Papers (82 pages, published April 1982)
- No. 4. Special Session on Remote Sensing, September 1981 (98 pages, published September 1982)
- No. 5. Symposium on Environmental Conditions in the Northwest Atlantic During 1970-79, September 1981 (113 pages, published December 1982)
- No. 6. Miscellaneous Selected Papers (103 pages, published December 1983)
- No. 7. Miscellaneous Selected Papers (97 pages, published August 1984)

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