THE INTERNATIONAL HYDROGRAPHIC REVIEW



INTERNATIONAL HYDROGRAPHIC BUREAU MONACO

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INTERNATIONAL HYDROGRAPHIC BULLETIN

A monthly journal, published by the International Hydrographic Bureau for the benefit of the world hydrographic community, in a bi-lingual edition (English and French), 28×19 cm in size, with an average of 40 pages per issue, and comprising :

- **SECTION I** News from Hydrographic Offices; Appointments of Hydrographers; New Membership of the IHO; Reports on various international Commissions and Committees; Training programmes in hydrographic surveying; Recent developments in hydrographic instrumentation; Work being undertaken by the Bureau; Status of work on the General Bathymetric Chart of the Oceans and the International Set of Charts. Also covered are development and research in the field of hydrography, descriptions of new survey vessels and progress in standardization of charts.
- **SECTION II** Reports on hydrographic surveys carried out, or planned for the future, by various countries.
- **SECTION III** Listings of new charts and new editions of charts published by Member States, with their reference number, title, limits, scale and number of edition. Charts in preparation are also listed.

SECTION IV — New publications.

1. New editions of all the standard nautical publications (Sailing Directions, Lists of Lights, Tide and Current Tables, Radio Signals, Radio Aids to Navigation, Catalogues).

2. Lists of selected publications and articles of particular interest to hydrographers.

3. Reviews of some recent publications of more particular interest to hydrographers.

The **International Hydrographic Bulletin** is distributed free to the Hydrographic Office of governments belonging to the International Hydrographic Organization.

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RADIO AIDS

TO MARITIME NAVIGATION AND HYDROGRAPHY

SPECIAL PUBLICATION No. 39 OF THE INTERNATIONAL HYDROGRAPHIC BUREAU

2nd edition, 1965

Special Publication No. 39 of the International Hydrographic Bureau entitled Radio Aids to Maritime Navigation and Hydrography deals with the principles and gives a general description of radioelectric systems and instruments used in navigation and hydrographic surveying. The 2nd edition, 1965, of this work is a complete revision and recast of the 1st edition issued in 1956, with new additions. It includes the total number of Supplementary Papers which have already been published, and contains the following chapters and sections:

INTRODUCTION.

CHAPTER I. — Spectrum and Propagation of Electromagnetic Waves:

- 1. Frequency Spectrum of Electromagnetic Waves;
- 2. Propagation of Electromagnetic Waves.

CHAPTER II. — Radio Systems used in Maritime Navigation :

1. Radio Direction-finding; 2. Loran; 3. Decca; 4. Consol; 5. Radar; 6. Omega.

CHAPTER III. --- Radio Systems used in Hydrographic Surveying :

1. Decca; 5. Raydist; 6. Lorac; 7. Rana; 8. Hi-Fix; 9. Hydrodist; 10. The Sea-Fix System; 12. Toran.

CHAPTER IV. — Computation and Plotting of Hyperbolic Lattices:

 General; 2. Methods of the Danish Hydrographic Office; 3. Methods of the French Hydrographic Office; 4. Method of the U.S. Naval Oceanographic Office; 5. Method of the Swedish Hydrographic Department; 6. Methods of the Netherlands Hydrographic Office; 7. Methods of the British Naval Hydrographic Office.

CHAPTER V. — Electromagnetic Systems in Geodetic Surveying:

1. General Aspects and Use of Radio Positioning Systems; 2. Aga Geodimeter; 3. Tellurometer; 4. Electrotape.

This work, in loose-leaf form, thus permitting subsequent additions, is on sale at 85.00 French Francs. It includes about 550 pages and 270 figures.

SUPPLEMENTS TO THE INTERNATIONAL HYDROGRAPHIC REVIEW

The purpose of these Supplements is to complete the basic work that SP 39 represents, by publishing articles, some of which give the practical points of view or the conclusions of the users of electromagnetic instruments and systems, and the others may be technical and scientific notes in connection with the theoretical subjects dealt with in SP 39. Other articles are either outlines of systems, whose development is contemplated or the improvement of those already existing. A bibliography is also included in these Supplements.

The Supplements already published are :

VOLUME 1, October 1960 (148 pages), price 28.00 French Francs.

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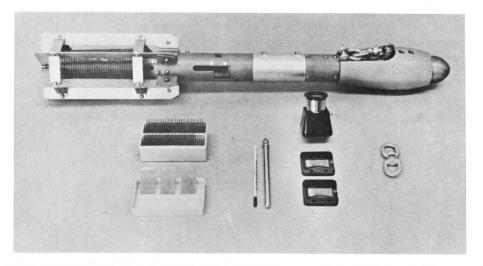
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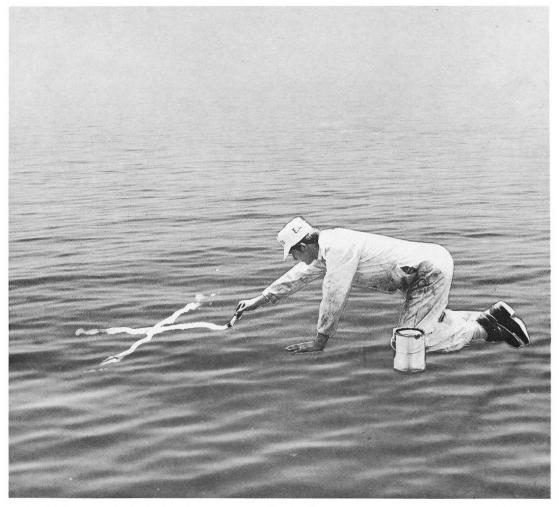
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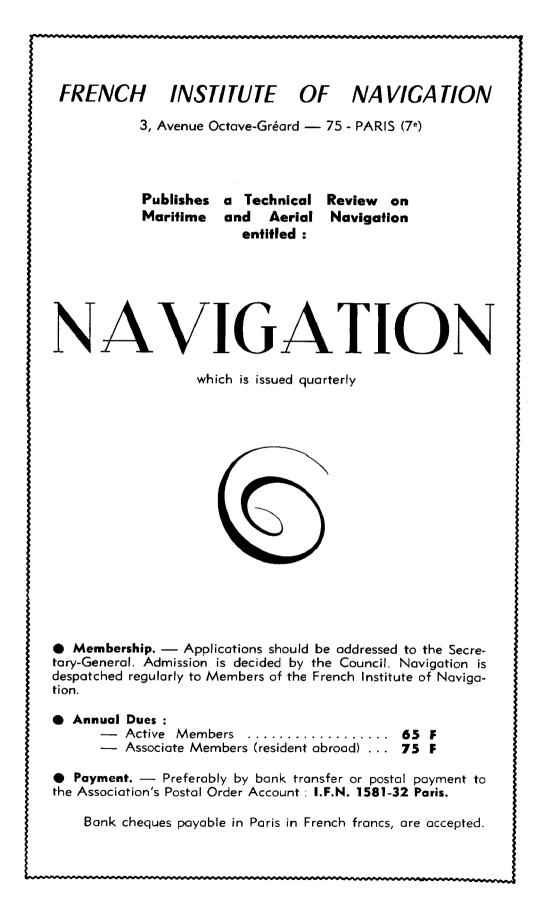
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INTERNATIONAL HYDROGRAPHIC REVIEW

FOREWORD

The International Hydrographic Review is published in January and July of each year in both English and French editions. The Bureau welcomes articles on hydrographic, topographic and photogrammetric surveying, radio aids, navigation and allied subjects, new instruments and equipment, new hydrographic ships and boats as well as articles on the history and organization of hydrographic offices.

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Deadline notice

January issue will close 1 August July issue on 1 February

Articles should be addressed to :

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Avenue Président J.F. Kennedy

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The Directing Committee are not responsible for statements made or opinions expressed in articles or papers published in this Review when written by authors who are not members of the Directing Committee or of the staff of the International Hydrographic Bureau.

Information concerning advertisements in the Review will be supplied on request.

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