

THE INTERNATIONAL HYDROGRAPHIC REVIEW

Vol. XXXV

N° 2



(N° 64 OF THE SERIES)

PUBLISHED BY

THE

INTERNATIONAL HYDROGRAPHIC BUREAU
Quai des Etats-Unis - Monte-Carlo

MONACO

PRINCIPALITY



NOVEMBER 1958

IMP. LOUIS JEAN - G.A.P. (I.C.A.)

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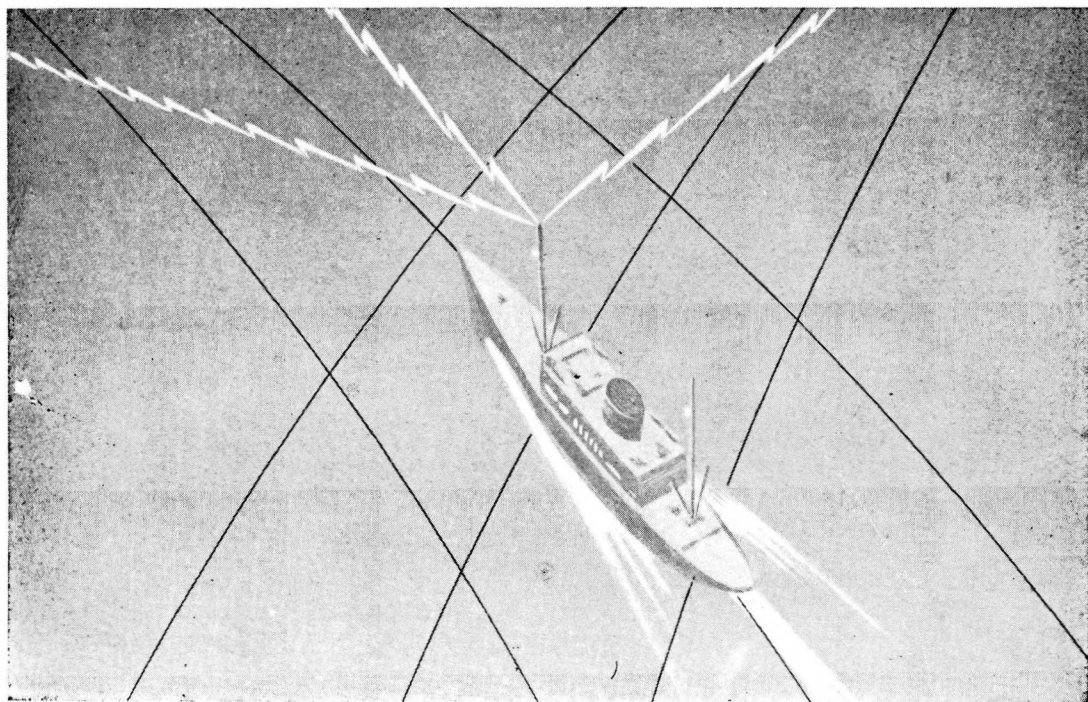
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- 1) Frequency Spectrum of Electromagnetic and Radio Waves - 2) Propagation of Radio Waves.

CHAPTER II. — Radio Systems Used in Maritime Navigation.

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CHAPTER III. — Radio Systems Used in Hydrographic Surveying.

- 1) Decca in Hydrographic Surveying - 2) Shoran - 3) Electronic Position Indicator (EPI) - 4) Shoran and EPI in Offshore Hydrographic Surveying - 5) Raydist - 6) Lorac - 7) Rana - 8) Computation and Plotting of Hyperbolic Lattices on Survey Plotting Sheets.

CHAPTER IV. — Radar Technique.

- 1) Radar Technique in Navigation - 2) Use of Marine Radar in Surveying.

CHAPTER V. — Radio Systems in Geodetic Surveying.

- 1) Outline of Present Situation - 2) Operational Reports.

CHAPTER VI. — Reports on Use of Radio Systems in Hydrography.

- 1) Decca - 2) Shoran - 3) EPI - 4) Raydist - 5) Lorac - 6) Rana.

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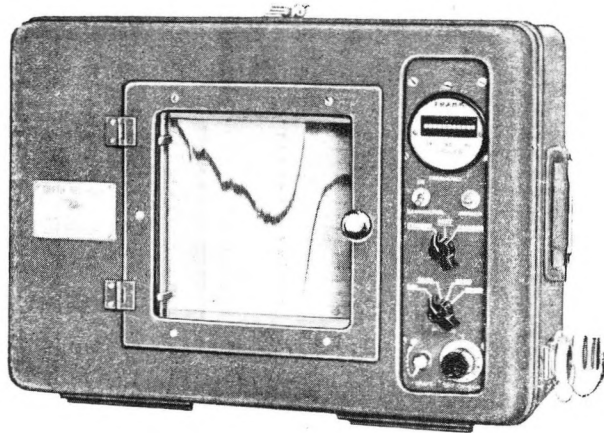
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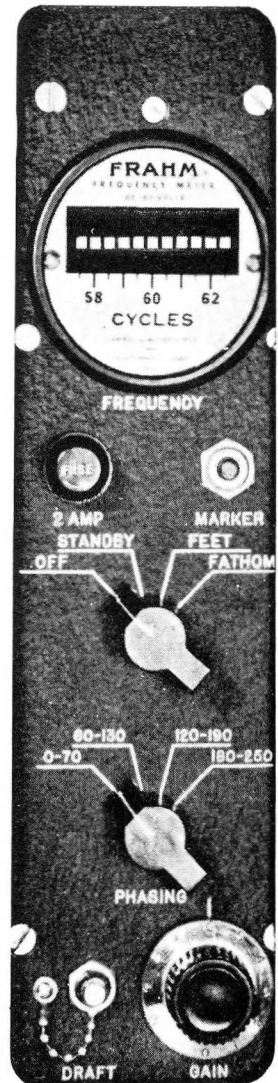
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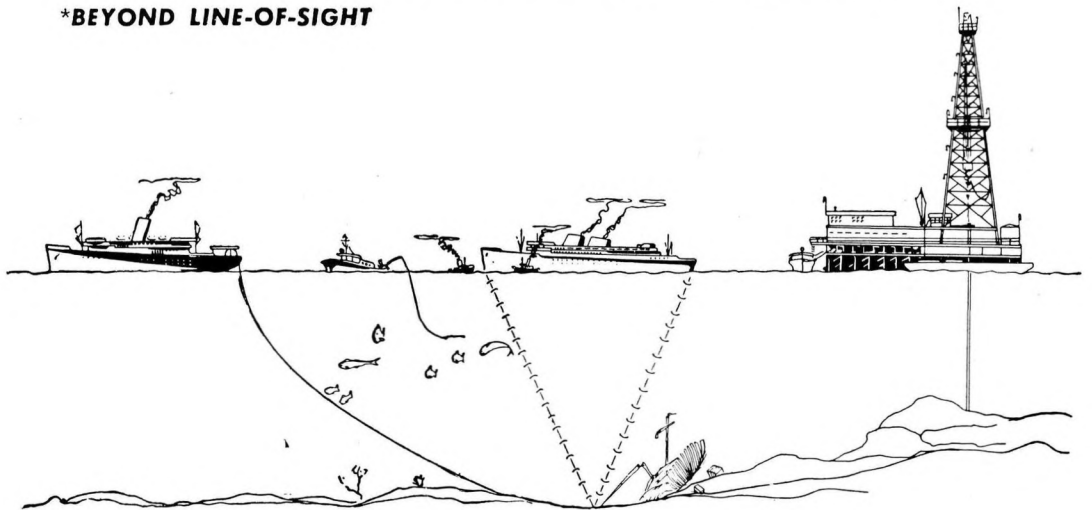
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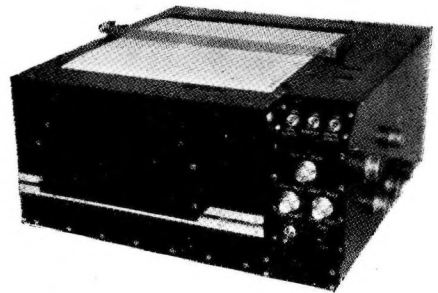
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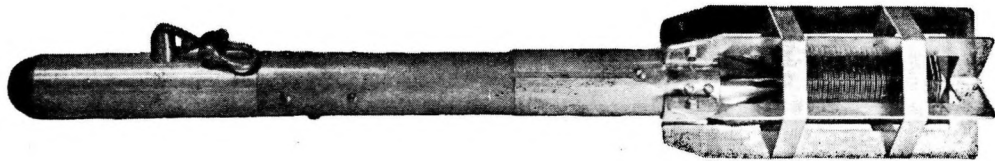
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Accuracy	± 0.1° F.	± 0.1° F.	± 0.1° F.
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Length	31"	31"	31"
Diameter: Nose	2 1/8"	2 1/8"	2 1/8"
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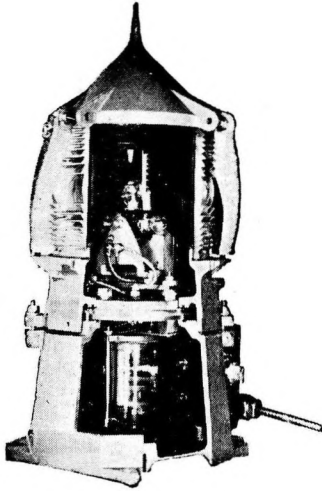
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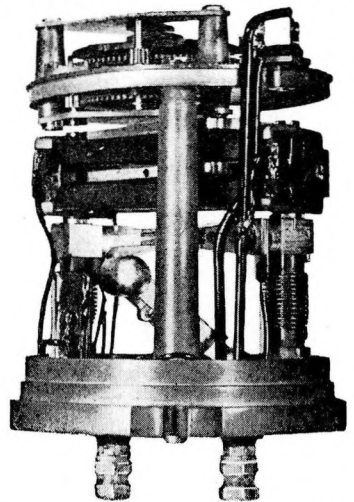


Wallace and Tiernan 200 mm. Lantern cut away to show lamp changer and flasher mechanism

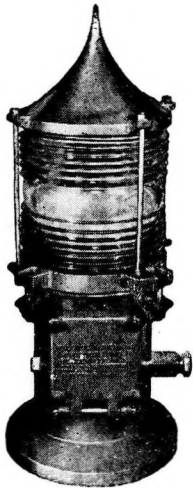
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Wallace and Tiernan Flasher mechanism



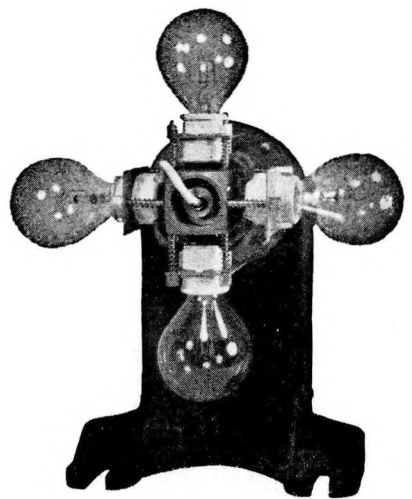
Wallace and Tiernan 150 mm. Lantern

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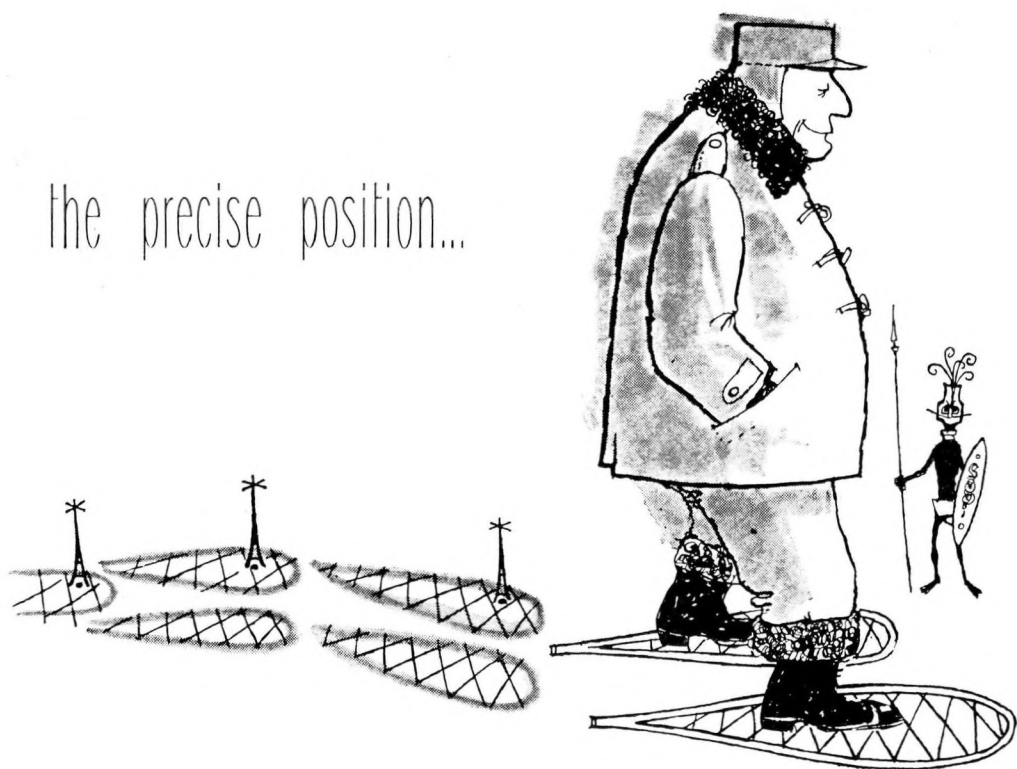
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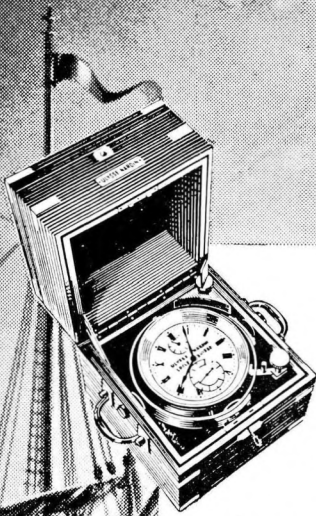
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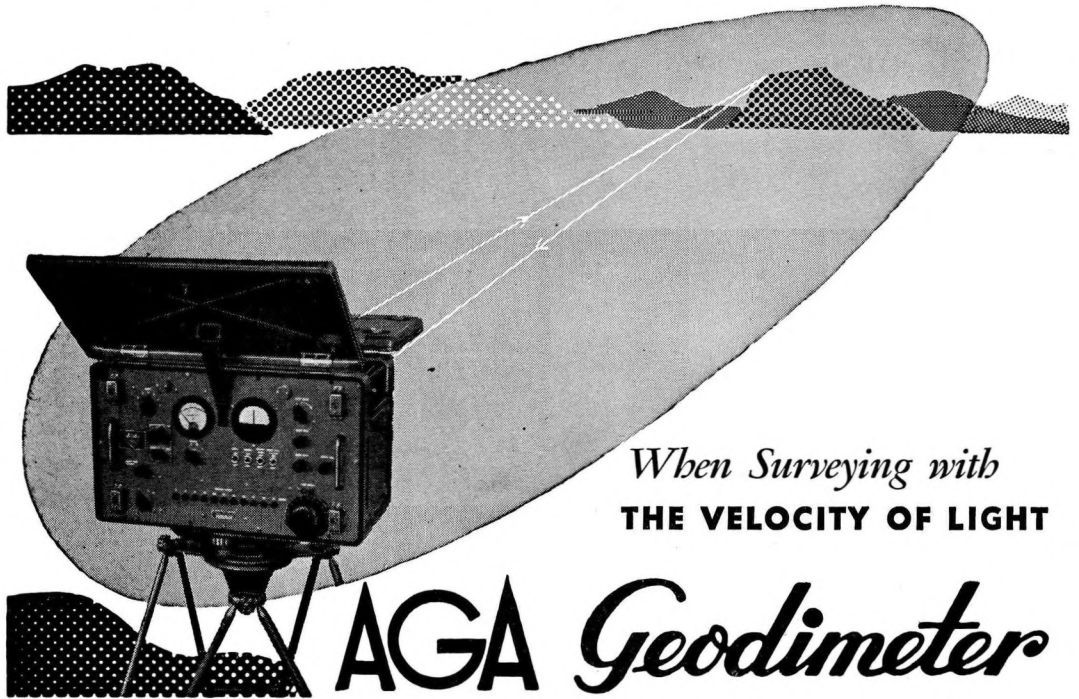
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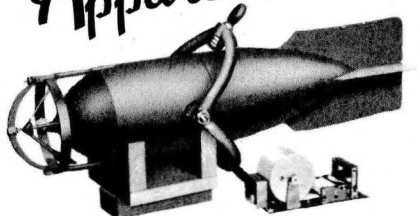
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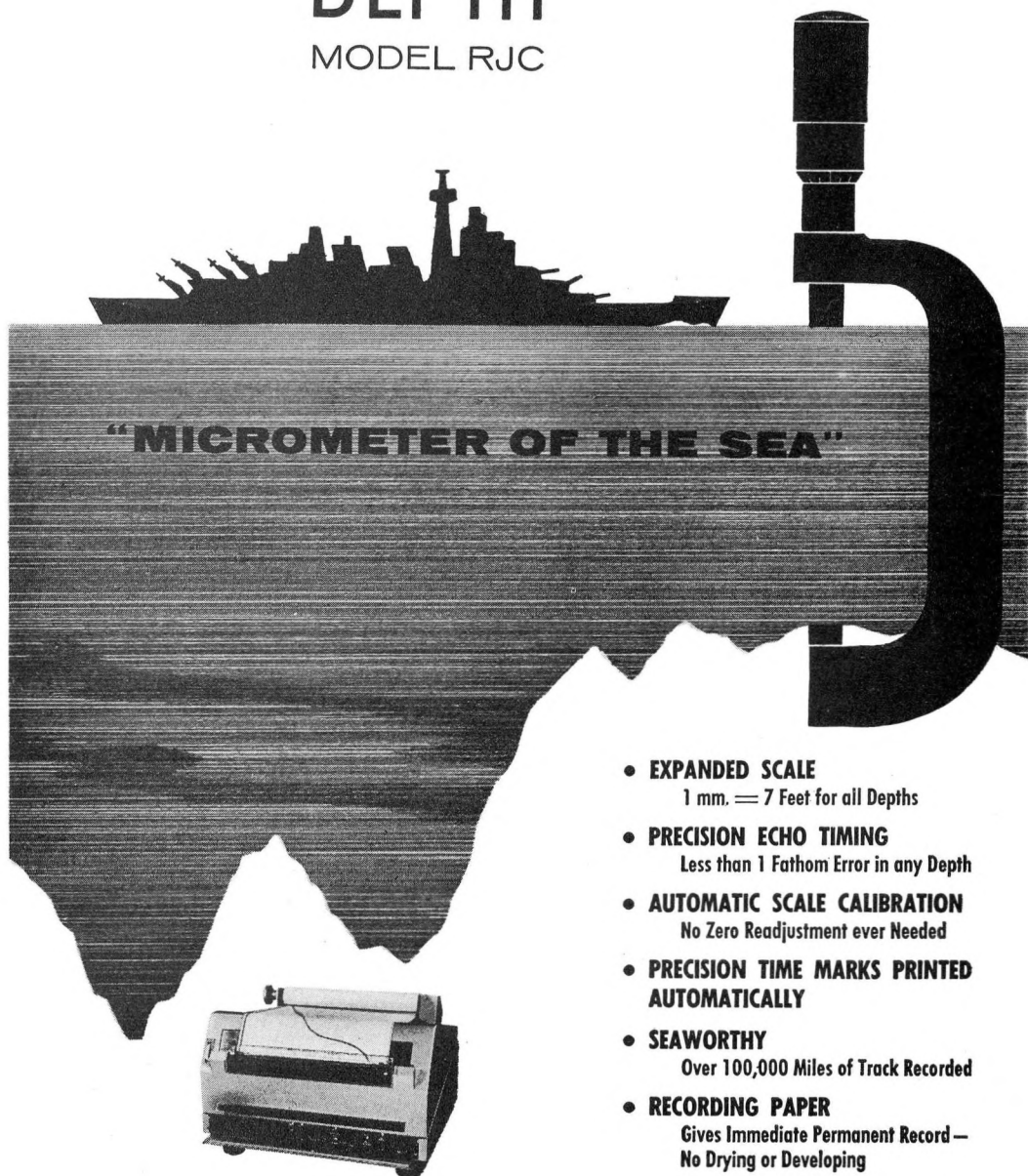
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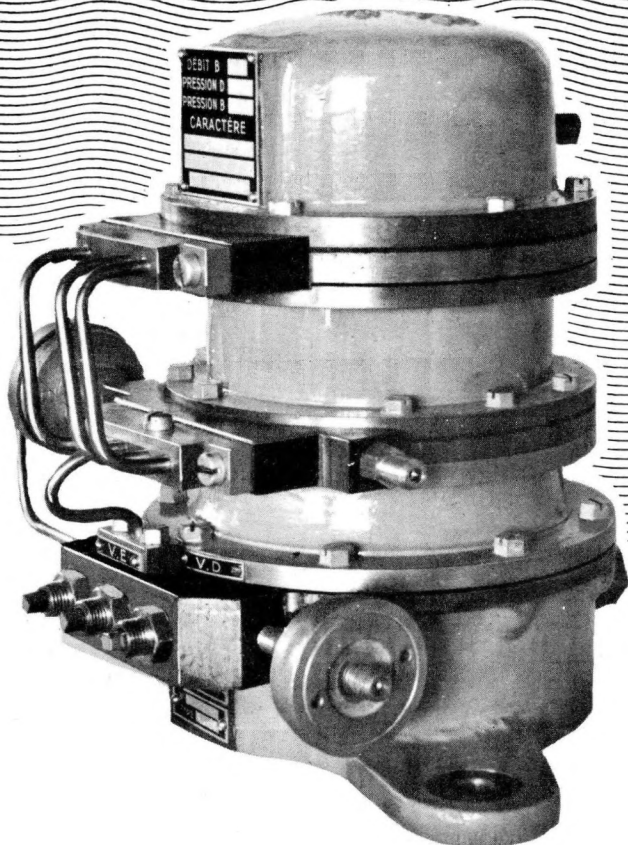
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Articles on any branch of hydrographic surveying, navigation and allied subjects, such as radio and other aids to navigation, new instruments, hints to hydrographic surveyors, etc., as well as articles dealing with the history and organization of hydrographic offices with descriptions of surveying ships and boats and their equipment, are of great interest to all Hydrographic Offices.

The Directing Committee of the International Hydrographic Bureau will carefully consider all articles received for publication. They have decided that an honorarium of 15 gold francs per page of 600 words will be made to the authors of all original articles accepted. In addition, the Bureau will, upon request, supply each author free of charge with a total of 50 reprints of his article in one of the two official languages of the Bureau (or with 25 in English and 25 in French).

Articles should be typewritten if possible in duplicate and addressed to

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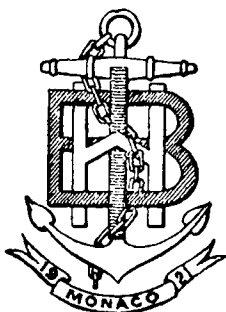
and should reach the Bureau not later than 31st January or 31st July for the May and November numbers respectively. However, in order to achieve a well-balanced distribution of subject matter in the various issues of the « Review » (see Index of Authors and Articles), the Directing Committee reserve the right to print the articles submitted to them at whatever time appears most suitable.

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.

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Quai des Etats-Unis - Monte-Carlo

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Secretary-General : vacant

ERRATA

International Hydrographic Review, Vol. XXXV, n° 1, May 1958

NEW BRAZILIAN SURVEY VESSELS

page 9, line 22

Instead of :

Propulsion 2 × 350 HP Diesel engines

Read :

Propulsion 2 × 1 350 HP Diesel engines

AEROTRIANGULATION ADJUSTMENT

page 19, line 7

In formula (16), substitute $(1/g)$ for $(1 \cdot g)$.

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