

Section III

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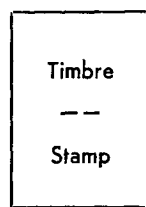
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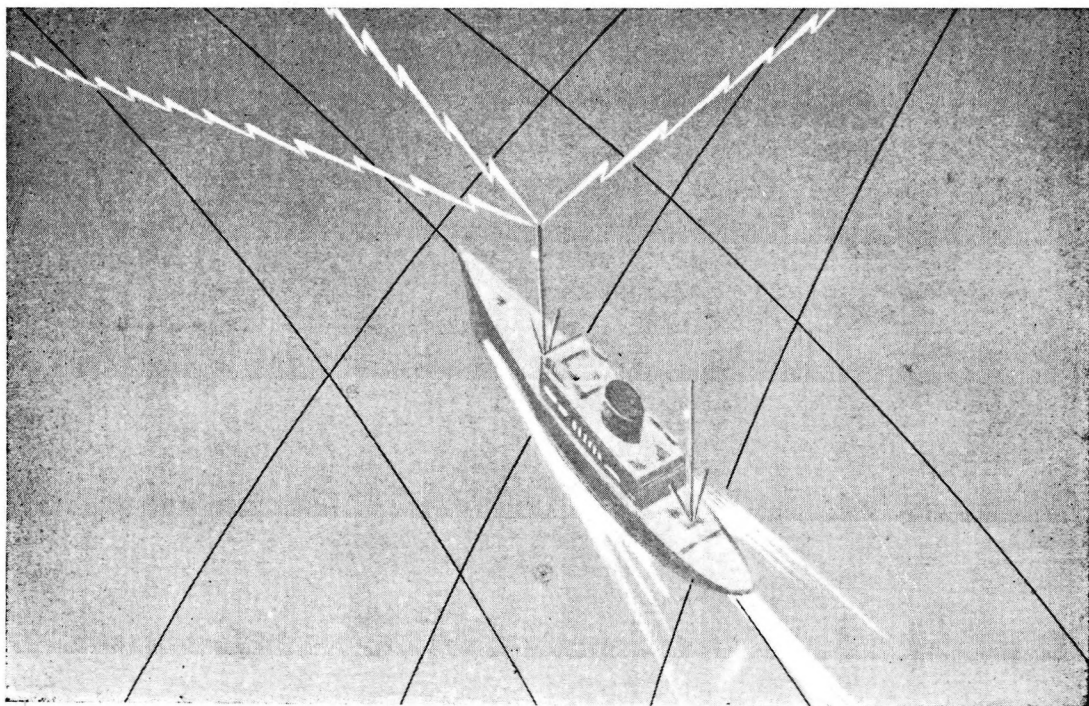
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CHAPTER III. — Radio Systems Used in Hydrographic Surveying.

- 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.

The publication has been prepared in the two official languages of the I. H. B. : English and French. Both editions, which appeared in 1956, contain approximately 450 pages, and 223 figures including 50 full-page illustrations.

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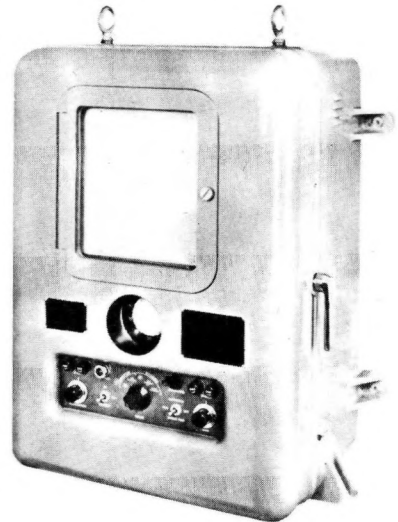
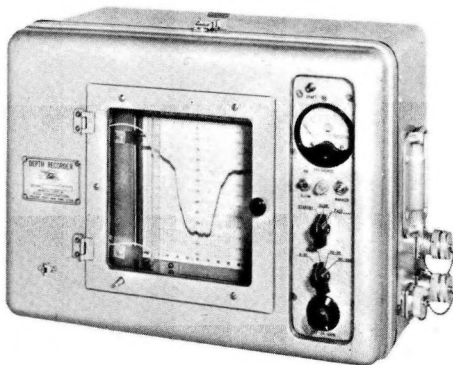
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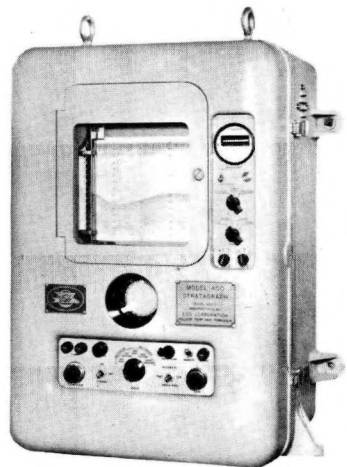
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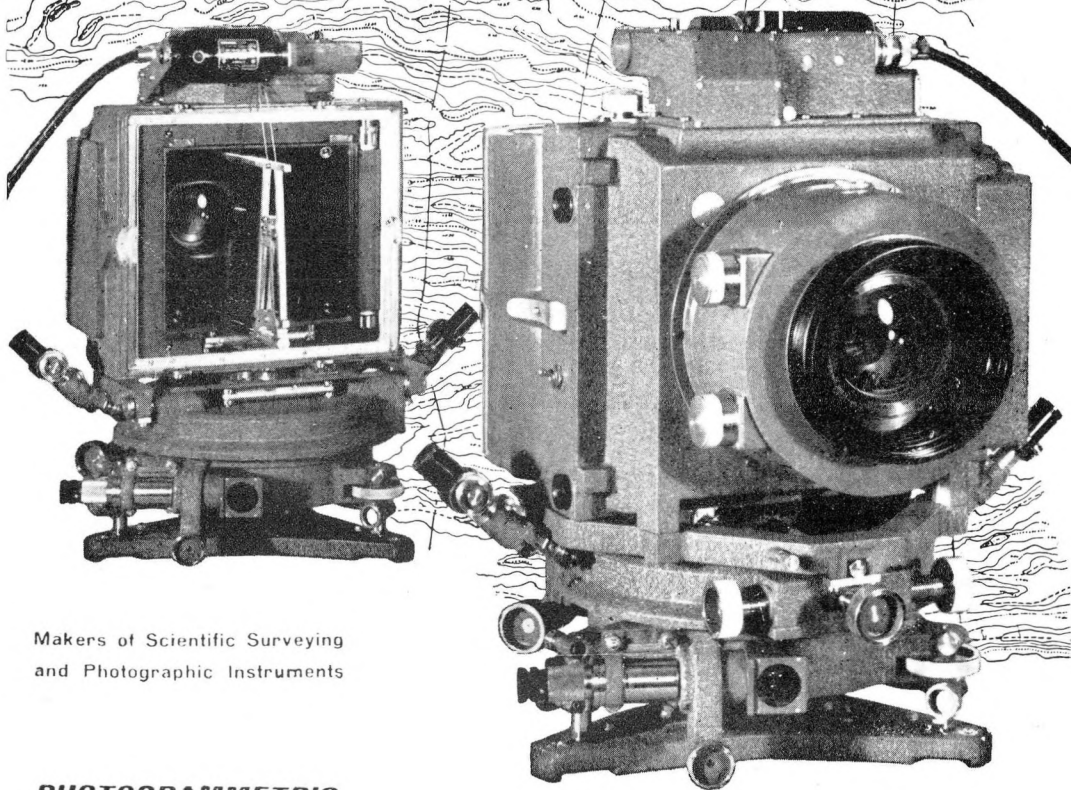


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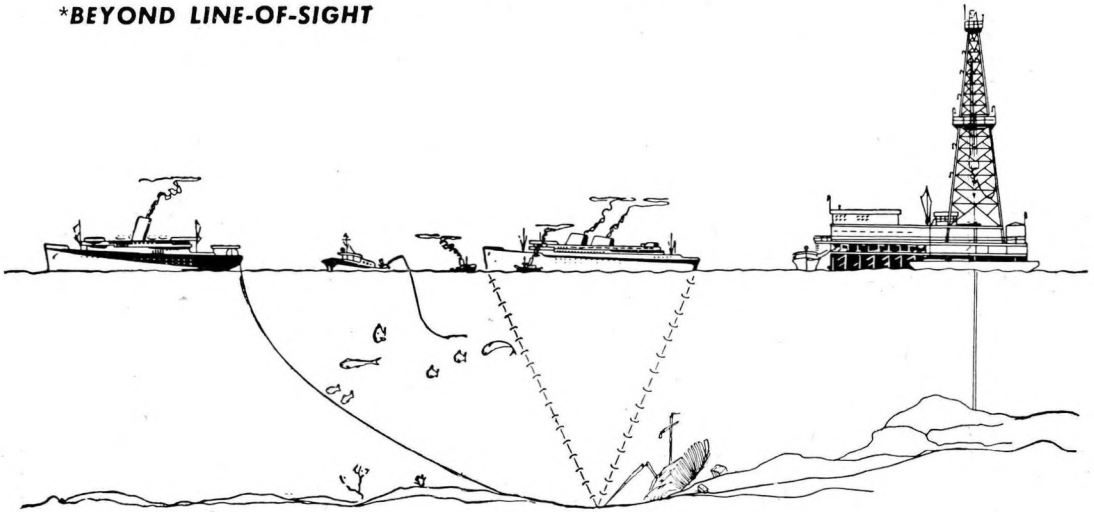
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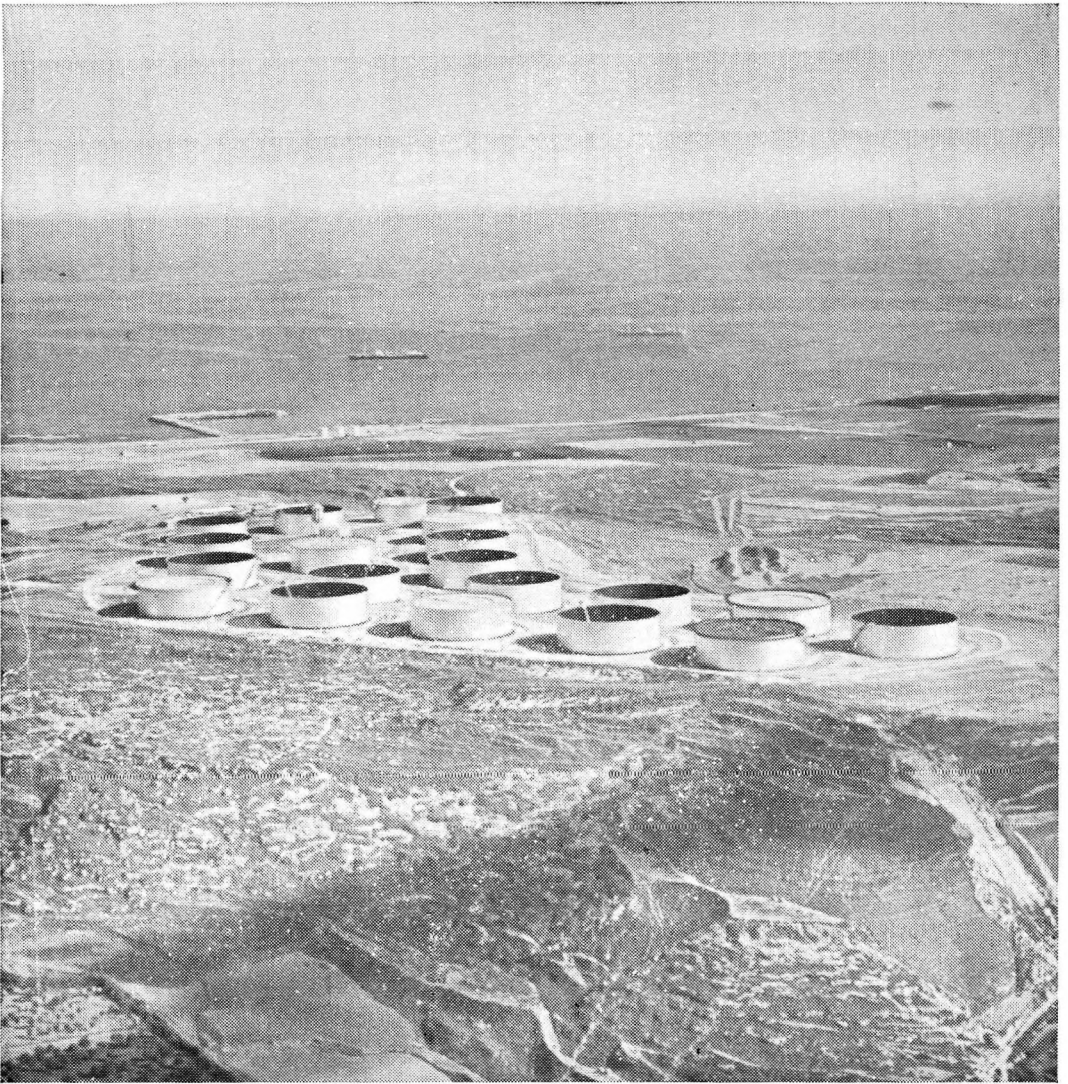
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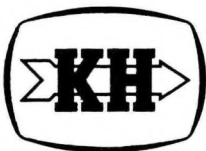
HAMPTON, VIRGINIA



Photograph by Courtesy Trans-Arabian Pipeline Co.

Oil terminal at Sidon, Lebanon

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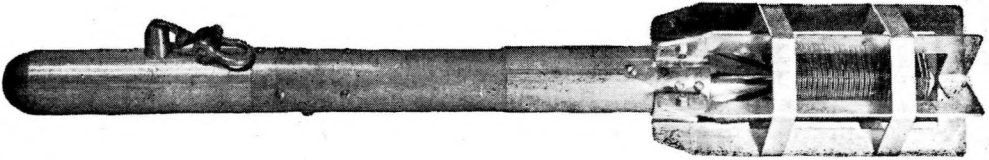
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Accuracy	± 2 ft.	± 4.5 ft.
Temperature range *	+ 30° to + 90° F.	+ 30° to + 90° F.
Accuracy	± 0.1° F.	± 0.1° F.
Maximum allowable depth	225 ft.	562.5 ft.
Length	31"	31"
Diameter: Nose	2 1/8"	2 1/8"
Tail	5"	5"
Weight (pounds)	21 3/4 lb.	21 3/4 lb.
Shipping weight (pounds)	75 lb.	75 lb.
		FA-190032
		0 to 900 ft.
		9 ft.
		+ 30° to + 90° F.
		± 0.1° F.
		1125 ft.
		31"
		2 1/8"
		5"
		22 lb.
		75 lb.

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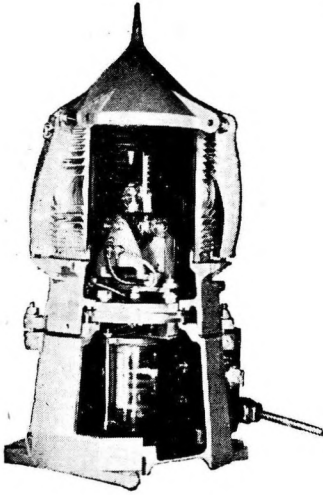
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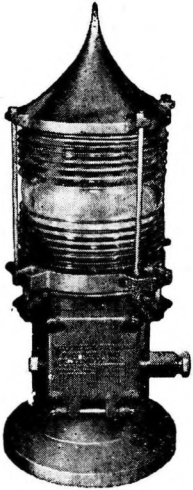


Wallace and Tiernan 200-mm Lantern cut away to show lamp changer and flasher mechanism

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- Low initial cost
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Wallace and Tiernan 150-mm. Lantern

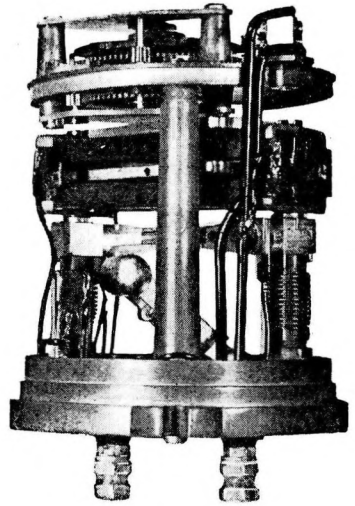
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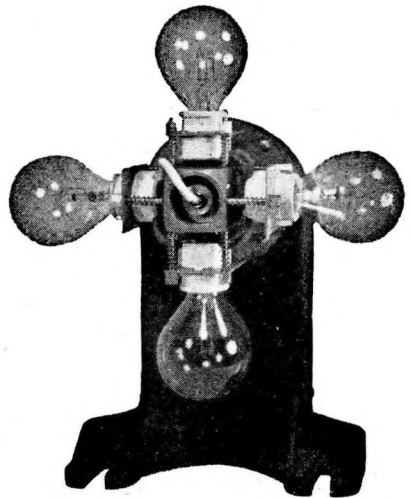
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| · Lighthouse beacons and lanterns from 90 mm to 500 mm | · Automatic lamp changers |
| · Buoys and structures | · Range light lanterns |
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| | · Batteries of all types |

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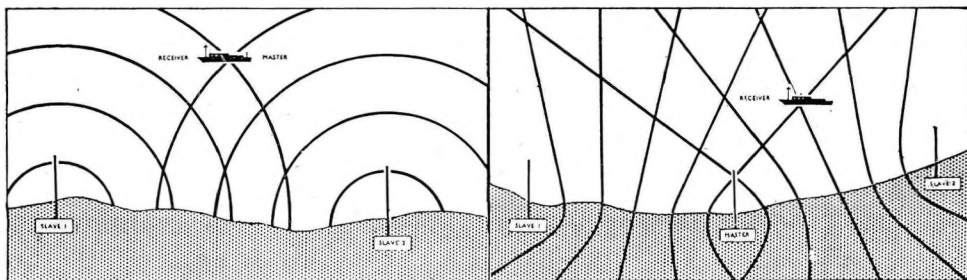
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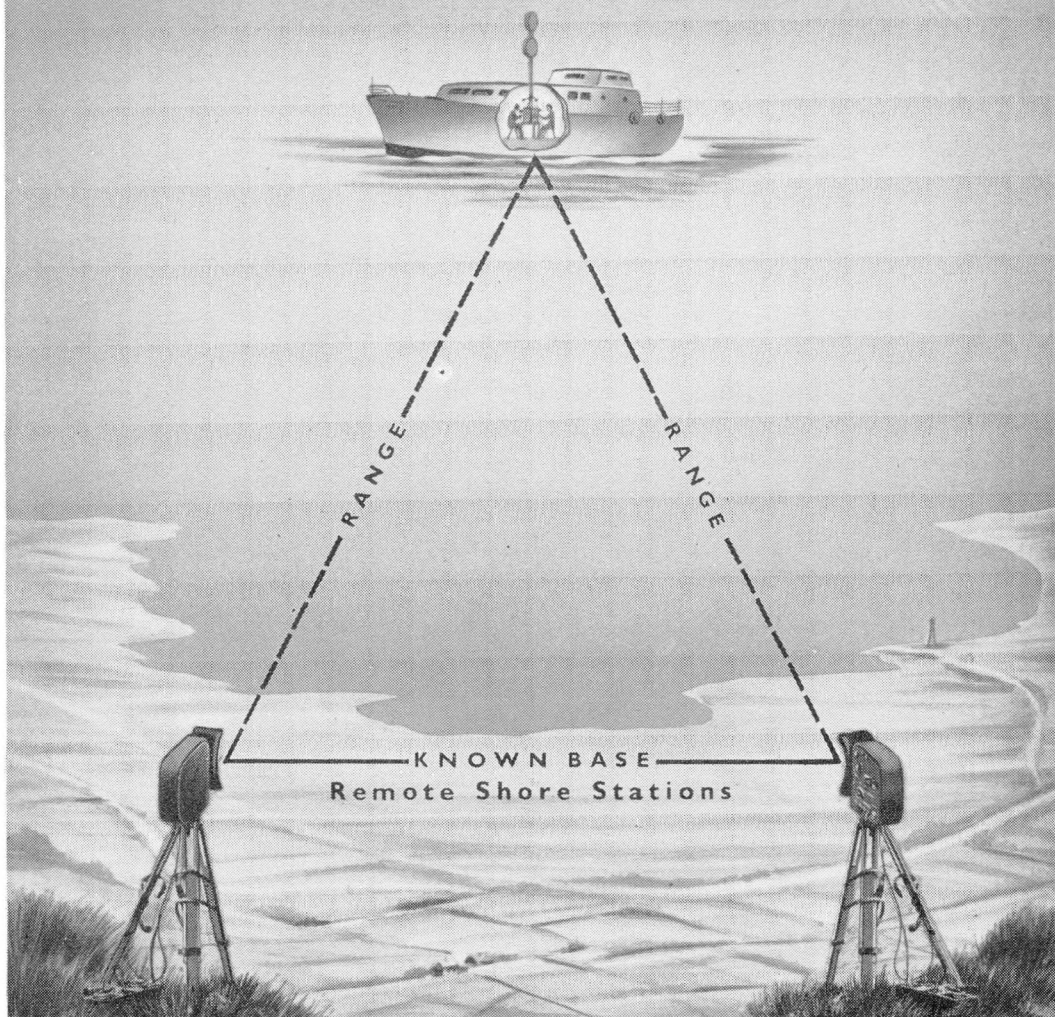
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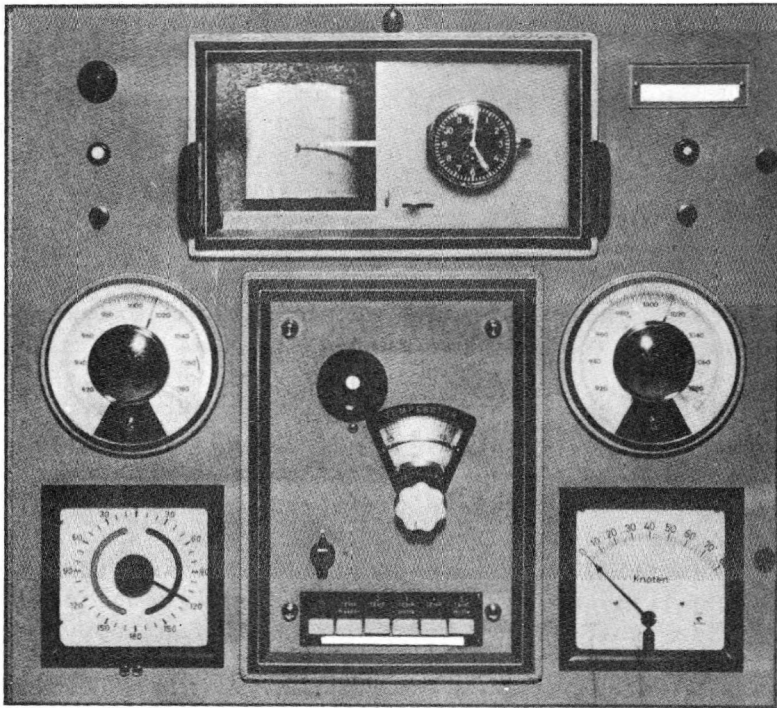
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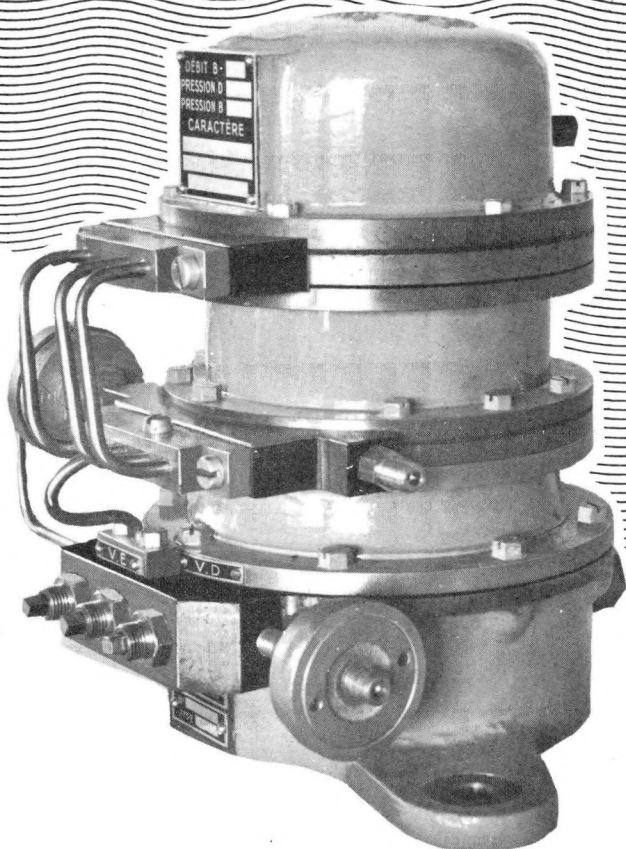
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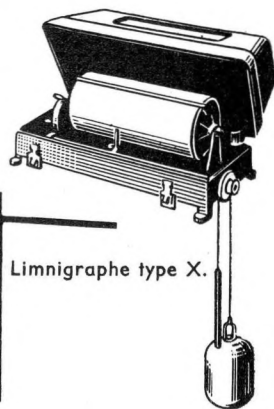
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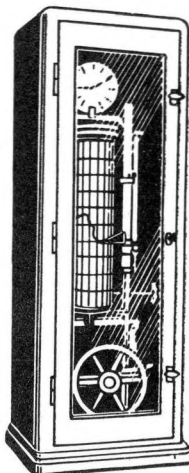
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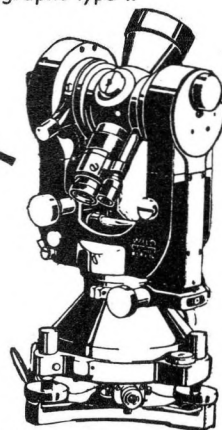
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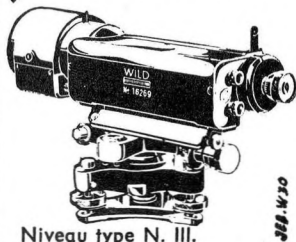
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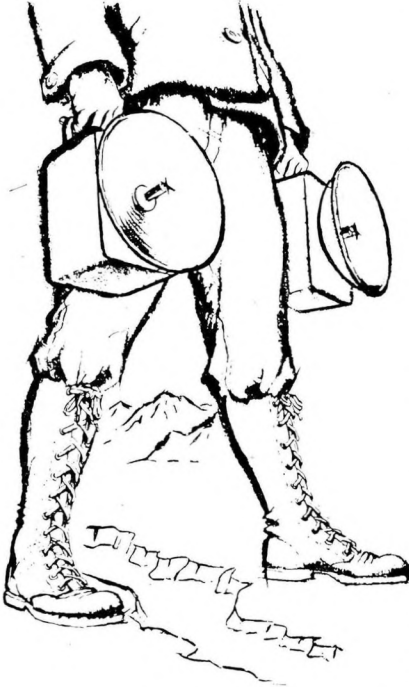
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FOREWORD

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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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Articles should be in English or French, typewritten, double spaced, and if possible in duplicate, and should reach the Bureau not later than 1 February and 1 August for the July and January numbers respectively. However, in order to achieve a well-balanced distribution of subject matter in the various issues of the Review the Directing Committee reserves the right to print articles in an appropriate issue.

Articles should be addressed to :

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