

NAVAL HYDROGRAPHIC SERVICE OF THE ORIENTAL REPUBLIC OF URUGUAY.

(Translation of an extract from the *Anales Hidrográficos*, Vol. I, 1932, published by the Servicio Hidrográfico de la Armada de la Republica Oriental del Uruguay, Montevideo, 1932).

REGULATIONS.

ARTICLE 1.

The following shall be the duties of the Hydrographic Service :

- (a) The general supervision of all navigation marks ;
- (b) The submission to the Higher Command of such proposals for modification of the regulations for shipping as it may consider necessary for the greater safety thereof ;
- (c) The hydrographic survey of the rivers which form the boundaries, of the oceanic coast and of Merim Lagoon ;
- (d) The publications of charts, plans, etc., for navigation off the national coasts indicated in the previous paragraph ;
- (e) The general maintenance of the Semaphore service ;
- (f) The control over the vessels of the Navy in so far as concerns the instruments, apparatus and methods of navigation and meteorology in use on board them ;
- (g) The exchange of publications with similar offices abroad.

ARTICLE 2.

Exchange of information between the Hydrographic Service, the Military Geographic Service and the Hydrographic Office of the Ministry of Public Works is obligatory on all subjects which affect the duties of each of these departments.

ATTRIBUTIONS AND DUTIES OF THE CHIEF OF THE SERVICE.

ARTICLE 3.

A Senior Officer on the Active List of the General Service designated by the Higher Command shall perform the duties of Chief of the Hydrographic Service.

ARTICLE 4.

He is charged with the command of and direct responsibility for the Hydrographic Service with the same authority and character as the Commanding Officer of a vessel, in so far as these are applicable.

ARTICLE 5.

He is responsible for the application and observance of the regulations and of orders received from his superiors.

ARTICLE 6.

He is authorised to appoint such officers and employees, within his Service, as he may consider necessary for the best performance of its duties taking into consideration the character thereof.

ARTICLE 7.

He shall give such internal orders as he may consider necessary for the good of the Service and, for this purpose, an order book shall be kept in the Secretariat and Office which each member of the staff shall sign, at the foot of each order, as witness of the fact that he has taken note thereof.

ARTICLE 8.

Whenever he has to absent himself for service reasons or on account of leave he shall charge the senior Head of Section with the performance of his duties.

ATTRIBUTIONS AND DUTIES OF THE HEADS OF SECTIONS.

ARTICLE 9.

The duties of Head of a Section shall be performed by a Senior Officer designated by the Chief of the Service from among those appointed to the Service.

ARTICLE 10.

The Head is charged with the command of and direct responsibility for his Section.

ARTICLE 11.

He is responsible to the Chief of the Service for the carrying out, in his Section, of the Regulations and of orders received.

ARTICLE 12.

He is the immediate superior of the officers allotted to his Section.

ORGANISATION.

ARTICLE 13.

For the due maintenance and performance of the duties with which the Hydrographic Service is charged, it shall consist of the following sections :

Section A. — Secretariat and Office.

Section B. — Astronomy, Signals and Navigational Marks.

Section C. — Hydrography.

SECTION A. — SECRETARIAT AND OFFICE.

ARTICLE 14.

This Section will receive all despatches and arrange their distribution to the respective sections after having entered them in the register of documents received.

ARTICLE 15.

Confidential subjects shall be transmitted exclusively by this Section.

ARTICLE 16.

Before circulating resolutions or decrees in despatches the Head of the Section will discuss them with the Chief of the Service.

ARTICLE 17.

The Head of the Section in person will keep the book of copies of confidential reports.

Register of Documents.

ARTICLE 18.

All correspondence received and sent shall be entered in the Register and this Sub-section shall cause it to be forwarded to the Section concerned.

ARTICLE 19.

It shall keep the Archives in general, except those referring to charts.

Administrative affairs and inventories.

ARTICLE 20.

This Sub-section is charged with all administrative business and shall keep note of and exercise control over the inventories of the ships and divisions in so far as it is concerned.

ARTICLE 21.

It shall keep up to date the general inventories of the Service and of expeditions which are being organised.

ARTICLE 22.

It shall provide them with instruments and charts.

Library.

ARTICLE 23.

The Library should be formed for preference of works dealing with History, Astronomy, Navigation, Meteorology and other sciences connected with the special work of the Service.

ARTICLE 24.

It is charged with the distribution of the publications of all the sections.

ARTICLE 25.

It shall provide them with books and pamphlets through the Sub-section of Administrative Affairs.

SECTION B. — ASTRONOMY, SIGNALS AND NAVIGATIONAL MARKS.

ARTICLE 26.

This Section is charged with the drawing up of instructions for all astronomical work to be done by the Service or by hydrographic expeditions. It is responsible for the proper care and preservation of the instruments used in the Section.

ARTICLE 27.

The signal service of the Navy is under its general supervision.

ARTICLE 28.

It shall study and propose the establishment and improvement of lights, beacons, buoys and fog signals.

SECTION C. — HYDROGRAPHY.

ARTICLE 29.

This Section will draw up the plan for the general survey of the coast. It will prepare the instructions for the hydrographic expeditions, indicating in each case the accuracy of the observations and methods to be used, in such a manner that the surveys made by distant hydrographic expeditions conform to a standard which will allow them to be connected later.

ARTICLE 30.

It shall lay down general rules as to the maximum errors permissible in the measurement of bases, angles, triangulations, traverses, levelling and geographical determinations and, further, shall determine the number of bases to be measured, the division of the triangulation for purposes of compensation, the planes of reduction of soundings and for heights, the extent of the zones to be sounded and the density of sounding.

ARTICLE 31.

It shall draw up forms for recording angles, traverses and levelling, sketches and views, soundings and tides, calculation of traverses and of rectangular and geographical co-ordinates.

ARTICLE 32.

It shall fix the dimensions and construction of the plotting sheet, the scales of the charts, conventional signs, etc.

ARTICLE 33.

The depot for the material for the installation and transport of the hydrographic expeditions shall be in its charge.

ARTICLE 34.

It will make the corrections to the Sailing Directions which it will keep up to date.

Computation and Tides.

ARTICLE 35.

This Sub-section will check the observations and make all the calculations from the data obtained by the staff of the Service or by members of expeditions.

ARTICLE 36.

It will collate all tidal and current observations and will calculate and publish, as opportunity permits, the Uruguayan yearly Tide Tables.

ARTICLE 37.

It will establish and maintain the permanent automatic tide-gauge stations.

Cartography.

ARTICLE 38.

This Sub-section will collect and file charts and plans and will keep a stock of several sets to meet the requirements of the Navy and Mercantile Marine.

ARTICLE 39.

It will keep the standard set of Uruguayan and British Admiralty charts up to date for the purpose of correcting those which are issued, keeping them constantly up to date of the last correction received. Should it (as an exception) issue uncorrected charts it will annex thereto the "Notices" which refer to them.

ARTICLE 40.

It will be charged with the supply of charts and plans through the Sub-section of Administrative Affairs.

ARTICLE 41.

It will draw the plans and charts from the surveys of the Service.

Oceanography, Magnetism and Meteorology.

ARTICLE 42.

This Sub-section will draw up the instructions for the observations to be taken by ships, hydrographic and other expeditions under the Navy Office. It will prepare the data and collate and reduce the observations for the purposes of research and publication.

Photography.

ARTICLE 43.

This Sub-section shall have charge of the photographic work to be done by the Service and it will distribute the instructions for the work recommended for the attention of the committees.

ARTICLE 44.

It will arrange the development and fit up the photographic room in order that it be possible to carry out photogrammetric work.

TEMPORARY ARRANGEMENTS.

ARTICLE 45.

These Regulations in so far as they refer to the duties of the various sections, will be carried out more completely as the increase in the staff and in the provision of the necessary material allow, those subjects which are of particular interest to the Navy being always given preference.

