

tions of interest to mariners (free). *Pilots*.—(price \$1 per copy payable in advance by P.O. order, express order or marked cheque, only) St. Lawrence Pilot (below Quebec), comprising sailing directions from cap des Rosiers to Quebec, 5th edition, 1929. Supplement No. 2 to above, 1933. St. Lawrence River Pilot, Quebec to Montreal and Richelieu River, 1931. Supplement No. 1 to the above, 1933. St. Lawrence Pilot, Montreal to Kingston and Ottawa River, 1933. Great Lakes Pilot Vol. I (Lake Huron & Georgian Bay) 1933. Great Lakes Pilot, Vol. II (Lakes Ontario, Erie and St. Clair and Welland Canal, Niagara, Detroit and St. Clair Rivers, 1933). Sailing directions for the Canadian shores of lake Superior, 1st edition, 1922. Supplement No. 2 to the above, 1931. Sailing directions for lake Melville and approaches (Coast of Labrador), 1931. Sailing directions for The Hudson Bay route, 1933. British Columbia Pilot, Vol. I, southern portion of the coast of British Columbia from Juan de Fuca strait to cape Caution including Vancouver I. and inner passages, 1st edition 1933. British Columbia Pilot, Vol. II, northern portion of the coast of British Columbia from cape Caution to Portland inlet and Queen Charlotte islands, 1st edition, 1930. Navigating charts. *Reports of the International Waterways Commission*.—On the International Boundary Line through the St. Lawrence river, Great Lakes and connecting waters, 1915. *Tidal and Current Survey Reports*.—(issued free of charge)—Currents in the gulf of St. Lawrence including the Anticosti region, Cabot strait and Northumberland strait. Currents of the southeastern coasts of Newfoundland (out of print). Currents in Belle Isle strait (temporarily out of print). Currents in the entrance to the St. Lawrence estuary. Tables of hourly directions and velocity of currents and time of slack water in the bay of Fundy. Tide levels and datum planes on the Pacific coast of Canada. Tide levels and datum planes in Eastern Canada; giving the levels in 86 harbours and other localities. Tides at the head of the bay of Fundy, with diagrams. Tidal investigations and results; Arctic tides, with map. Tides and tidal streams; a general description of the various types of tide and the behaviour of currents, with plates. Temperatures and densities of the waters of Eastern Canada, with maps. *Tide Tables*.—(issued free of charge) Tide tables for the Pacific coast of Canada including: Juan de Fuca strait, the strait of Georgia, and the northern coast with data for slack water in the navigable passes and narrows and information on currents. Tide Tables for the Atlantic coast of Canada, including: the river and gulf of St. Lawrence, the Atlantic coast, the bay of Fundy, Northumberland strait, Cape Breton, Magdalen Is., etc. Abridged edition for Quebec, Father point and the St. Lawrence river. Abridged edition for Saint John, N.B., and the bay of Fundy (with time of high water at Windsor, N.S.). Abridged edition for Halifax, N.S. and Sydney, N.S. Abridged edition for Charlottetown, P.E.I., Pictou, N.S., St. Paul I. with tidal differences for north shore of Prince Edward I., Sydney, Northumberland strait, Cape Breton, Magdalen Is., etc. Abridged edition for Vancouver, Sand Heads and the strait of Georgia, B.C. Abridged edition for Prince Rupert, B.C., with tidal differences for the northern coasts of British Columbia. Slack water tables for the strait of Canso and Great Bras d'Or lake, N.S. Slack water tables for first Narrows, Vancouver harbour, Active pass and Turn point, B.C. (Mimeograph copies of tide tables for Churchill harbour, Port Nelson, Hudson bay and Moosonee, Moose River, James bay.)

Charts of the Canadian Hydrographic Survey.—(Price 50 cents each.) Nearly four hundred charts and plans are published of the Atlantic coast and its harbours, Hudson bay, Hudson strait and harbours and anchorages, the St. Lawrence river, the Ottawa river, lake Ontario and harbours, lake Erie and harbours, lake Huron and Georgian bay and harbours, lake Superior and harbours, lake of the Woods, lake Winnipeg, Nelson river, Great Slave lake, Pacific coast and harbours. There is also a number of International Waterways Commission charts, not intended for navigation.

Radiotelegraph Branch.—Maps showing the Radiotelegraph and Radiotelephone coast stations in the Dominion of Canada. Postmaster-General's Handbook for Radiotelegraph Operators (Instructions re handling of traffic, etc.). Radiotelegraph Act and Regulations issued thereunder. Circular letter to Canadian Broadcast Listeners re Interference from the Regenerative Receiving Set. Official List of Radio Stations in Canada (price 25 cents).

Mines.—The scientific and investigatory work of the Department of Mines, which is chiefly concerned with the development of the Dominion's mineral industries, is carried on by the Department's four principal branches—the Geological Survey, the Mines Branch, the National Museum of Canada and the Explosives Division.

The Geological Survey carries on areal and economic investigations and research work in geology and mineralogy; the Mines Branch carries on field, laboratory, and industrial investigations covering the various phases of the mining and metallurgical industries from the primary occurrence of the ores to the utilization of the finished products; the National Museum of Canada carries on scientific investigations in all branches of natural history; and the Explosives Division, under the provisions of the Explosives Act (R.S.C., 1927, c. 82) has supervision of the manufacture, testing, storage and importation of explosives and issues the licences and permits authorized by the Act.

The Department of Mines publishes an annual administrative report covering the activities of the whole Department, and occasional pamphlets illustrating the services rendered the mining and metallurgical industries. Each of the branches publishes annual reports in addition to memoirs and bulletins on special investigations and districts.