

Naval Service Department's Hydrographic Surveys During 1920.

Canadian Railway and Marine World has been favored with the following of official information as to work done by the Naval Service Department's Hydrographic Survey:—

During the past navigation season, R. J. Fraser and his assistants were engaged on board the s.s. Bayfield in surveying the north shore of Lake Superior between Cape Gargantua and Otter Head, including some sounding around Michipicoten and Caribou Islands. This district was carefully gone over but no new shoals or dangers were picked up. With the completion of this season's work the Canadian Hydrographic Survey of the Great Lakes may be said to be completed, but there will always be necessary re-surveys of new districts, and a few bays, that have been unfrequented, have been left unsurveyed. It has not yet been determined where Mr. Fraser and his party will be stationed next year.

The party under Chas. Savary, using the s.s. Cartier, have returned to headquarters after a successful season surveying off the north shore of Gaspé peninsula. Quite a considerable work has been done in the neighborhood of Martin River light to Cape Madeleine lighthouse, including the entrances to St. Anne River, Marsonis harbor and Mont Louis Bay and River. In addition to the work carried out from the ship a party under Edouard Ghysens was detached to make a survey of the harbor of Seven Islands and Clarke City. This has been completed and a new plan of this important port will be issued shortly after the opening of navigation.

On the British Columbia coast the survey parties have returned to headquarters at Victoria. The first party, under command of H. D. Parizeau, who used the s.s. Lillooet, was engaged in the early part of the season in making a re-survey of First Narrows, Vancouver harbor, not only sounding it, but giving it a thorough sweeping to pick up any lumps that might have been left by dredging. The new survey did not develop any spots with less than 26 ft. on them, and it showed that nearly all of the old Parthia shoal had been removed to a depth of 30 ft., with the exception of one spot with only 27 ft. over it, and that none of the dredging has filled in with debris from Capilano Creek.

The second party under Commander J. H. Knight, R.N., had the tug Restless, and was engaged in a re-survey of Quatsino Sound, where the Whalen Pulp & Paper Co. has established a large industry at Port Alice. This work will enable the Naval Service Department to issue a new and accurate chart of that sound.

The Australian Government's Merchant Marine.

D. H. Ross, Canadian Trade Commissioner, writes from Melbourne as follows:—In a statement tabled in the Australian Parliament recently by the Commonwealth Government, it was explained that the object in establishing the Commonwealth line of steamships was to provide for the transportation of Australian produce to the world's markets. The primary object was not profits, but rather to prevent Australia being isolated through the world's shipping dis-

The Commonwealth Shipping Line now

operates 18 ships (aggregate tonnage 65,951 tons), 16 requisitioned ex-German steamships (aggregate tonnage 77,746 tons), and five wooden steamships (aggregate tonnage 14,901 tons). The fleet comprises 39 steamships, aggregating 158,498 tons.

In all six steamships of about 5,000 d. w. tons capacity have been built in Australia and are being operated as part of the Government Merchant Marine. An extensive shipbuilding scheme is also being carried out, which will result in considerable additions to the fleet. Five large steel ships, each of 12,800 tons, are on order in England, and six similar ships will be built in Australia, provided a satisfactory agreement is completed with the unions connected with shipbuilding. There are now some 10 steamships of the shelter deck type under construction in various parts of the Commonwealth, as well as six steamships of another type.

The gross earnings of the line during the financial year ended June 30, 1919, were £2,487,627, and the gross expenditure was £1,327,592, the net profit being £1,160,035. The profit earned from the inception of the line up to June 30, 1919, was £2,063,534. Allowing for depreciation, the capital value of the fleet at the close of the financial year, 1918-19, was £1,338,759.

The net profits for the year 1919-20 are estimated at £220,000, the marked decrease being due to the extended maritime strike on the Australian coast in that period, which practically rendered the whole fleet idle from two to four months.

It is claimed by the Commonwealth Government that the line has had to face the strongest competition of the British shipping combine, but has, notwithstanding, received a fair share of support. It is not the Commonwealth Government's intention at present to undertake the carriage of mails between Australia and Great Britain, for the reason, it is officially stated, that the steamships which are at present owned and being built by the Commonwealth Government are essentially cargo ships, and are unsuitable, both as regards speed and accommodation, for mail ships.

Trade and Supply Notes.

The matter which appears under this heading is compiled, in most cases, from information supplied by the manufacturers of, or dealers in, the articles referred to, and in publishing the same we accept no responsibility. At the same time we wish our readers distinctly to understand that we are not paid for the publication of any of this matter, and that we will not consider any proposition to insert reading matter in our columns for pay or its equivalent. Advertising contracts will not be taken with any condition that accepting them will oblige us to publish reading notices. In other words, our reading columns are not for sale, either to advertisers or others.

Davis-Bournonville Co., Jersey City, N.J., has issued Bulletin 1A and 2, describing and illustrating the oxygraph, for cutting steel up to 20 in. thick with oxy-acetylene or oxy-hydrogen, the illustrations showing a variety of shapes cut in shipyards, tool shops, electric works and manufacturing plants.

Galena-Signal Oil Co. of Canada Ltd. has been granted supplementary letters patent authorizing the increase of its capital stock from \$500,000 to \$1,000,000, the increase to consist of 5,000 shares of \$100 each.

Independent Pneumatic Tool Co., Chicago, Montreal and Toronto, has issued circular 34 "Thor Pneumatic Tools—Aids to Industry."

Whiting Foundry Equipment Co., Harvey, Ill., has issued a booklet of 50 pages, 11 x 8½ in., "Foundries, their complete equipment. Correct layout and equipment, for complete grey iron, steel, brass, car wheel and malleable iron foundries."

Transportation Associations, Clubs, Etc.

The names of persons given below are those of the secretaries unless otherwise stated:

- American Association of Port Authorities. M. P. Fennell, Jr., 57 Common St., Montreal.
- Belleville Railway Men's Educational Club. Meets each Tuesday, 7.30 p.m. F. A. Pinkston, Belleville, Ont.
- Canadian Car Demurrage Bureau—W. J. Collins, Manager, 401 St. Nicholas Building, Montreal.
- Canadian Electric Railway Association—A. Eastman, 70 Bond Street, Toronto.
- Canada Freight Association (Eastern lines)—G. C. Ransom, 909 Shaughnessy Bldg., Montreal.
- Canadian Freight Association (Western Lines)—W. E. Campbell, 805 Boyd Block, Winnipeg.
- Canadian Railway Board of Adjustment No. 1—R. Chapple, 263 St. James Street, Montreal.
- Canadian Railway Club—W. A. Booth, 131 Charron St., Montreal. Meetings at Montreal 2nd Tuesday, each month, 8.30 p.m., except June, July and August.
- Canadian Traffic League, A. H. Thorpe, 25 Balsam Ave., Toronto.
- Dominion Marine Association—F. King, Counsel, Kingston, Ont.
- Canadian Ticket Agents' Association—E. de la Hooke, London, Ont.
- Eastern Canadian Passenger Association—G. H. Webster, 54 Beaver Hall Hill, Montreal.
- Engineers' Club of Montreal—C. M. Strange, 9 Beaver Hall Square, Montreal.
- Engineers' Club of Toronto—R. B. Wolsey, 94 King Street West, Toronto.
- Engineering Institute of Canada—F. S. Keith, 176 Mansfield St., Montreal.
- Express Traffic Association of Canada—C. N. Ham, Montreal.
- Great Lakes and St. Lawrence River Rate Committee—A. E. Storey, 310 G.T.R. General Offices, Montreal.
- Hydro-Electric Railway Association of Ontario—T. J. Hannigan, Guelph, Ont.
- International Water Lines Passenger Association—M. R. Nelson, 89 Chatham Ave., Buffalo, N.Y.
- Niagara Frontier Summer Rate Committee—James Morrison, Montreal.
- Quebec Transportation Club—A. F. Dion, Harbor Commissioner's Office, Quebec, Que.
- Railway Association of Canada—C. P. Riddell, Montreal.
- Shipping Federation of Canada—Thos. Robb, Manager, 42 St. Sacrament Street, Montreal.
- Transportation Club of Toronto—W. A. Gray, 257 Roxton Road, Toronto.
- Transportation Club of Vancouver—C. E. Blaney, Travelling Passenger Agent, Canadian Pacific Ocean Services Ltd., Vancouver, B.C.

Transportation Conventions in 1921.

The names of persons given below are those of the secretaries, unless otherwise mentioned:—

- Jan. 25 to 27.—American Wood Preservers' Association, San Francisco, Cal.; F. J. Angier, Baltimore & Ohio Rd., Baltimore, Md.
- Jan. 27, 28.—National Association of Railroad Tie Producers, San Francisco, Cal.; E. E. Pershall, 720 Security Bldg., St. Louis, Mo.
- Mar. 15 to 17.—American Railway Association, Division 4, Engineering, Chicago, Ill.; E. H. Fritch, 431 South Dearborn St., Chicago, Ill.
- May 11.—Railway Accounting Officers' Association, Atlantic City, N.J.; E. R. Woodson, 1,116 Woodward Bldg., Washington, D.C.
- May.—International Railway Fuel Association, Chicago, Ill.; J. G. Crawford, 702 East 51st St., Chicago, Ill.
- June 15 to 22.—American Railway Association, Division 5, Mechanical, Atlantic City, N.J.; V. R. Hawthorne, 431 South Dearborn St., Chicago, Ill.
- June 20.—American Association of Freight Agents; R. O. Wells, Illinois Central Rd., Chicago, Ill.
- June 20.—American Train Dispatchers' Association, Kansas City, Mo.; C. L. Darling, Northern Pacific Ry., Spokane, Wash.
- Aug. 24 to 26.—American Association of Railroad Superintendents, Kansas City, Mo.; J. Rothschild, Union Station, Kansas City, Mo.
- Sept. 20 to 22.—Roadmasters' and Maintenance of Way Association, Chicago, Ill.; P. J. McAndrews, Chicago & North Western Ry., Sterling, Ill.
- Oct. 4 to 6.—Maintenance of Way Master Painters' Association, Buffalo, N.Y.; E. E. Martin, Union Pacific Rd., Kansas City, Mo.