

Details of the Different Types of Steamship for Canadian Government Merchant Marine Ltd.

The following are comparative details of five of the six different types of steamship being built for the Canadian Government Merchant Marine Ltd. At the time of writing, he plans for the 10,500-ton vessels were not available:

| | 3,400 ton. | 3,700 ton. | 4,300 ton. | 5,100 ton. | 8,100 ton. |
|----------------------------------|-----------------------|-----------------------------|-----------------------|-----------------------|----------------------|
| Length, overall..... | 260 ft. | ..... | 333 ft. 7 ins. | ..... | 413 ft. 1 in. |
| Length, bet. perpendiculars..... | 43½ ft. | 251 ft. | 320 ft. | 331 ft. | 400 ft. |
| Breadth, moulded..... | 251 ft. | 43½ ft. | 44 ft. | 46½ ft. | 52 ft. |
| Depth, moulded..... | 23 ft. | 26 ft. | 25 ft. | 25½ ft. | 31 ft. |
| Draft, loaded..... | 20 ft. 1½ in. | 22 ft. 2 in. | 21 ft. 2 ins. | 21 ft. 8 ins. | 25 ft. 1 in. |
| Type..... | S.d., p.b. & f'c's'le | Lake, s.d., p.b. & f'c's'le | S.d., p.b. & f'c's'le | S.d., p.b. & f'c's'le | 2d., p.b. & f'c's'le |
| Engines—Type..... | Triple expansion | Triple expansion | Triple expansion | Triple expansion | Triple expansion |
| Cylinders, diar..... | 20 x 33 x 54 ins. | 18 x 30 x 50 ins. | 25 x 41 x 67 ins. | 25 x 41 x 68 ins. | 27 x 44 x 73 ins. |
| Stroke..... | 40 ins. | 36 ins. | 45 ins. | 45 ins. | 48 ins. |
| Ind. h.p. | 1,300 | ..... | 1,800 | ..... | 3,000 |
| Boilers—Type..... | Single ended | Single ended | Single ended | Single ended | Single ended |
| No. | 2 | 2 | 2 | 3 | 3 |
| Diar. and length..... | 15 x 11 ft. | 14 x 10¾ ft. | 15½ x 11½ ft. | 14 x 11½ ft. | 15½ x 11½ ft. |
| Furnaces—No. | 6 | ..... | 6 | ..... | 9 |
| Grate surface..... | 135 sq. ft. | ..... | 132 sq. ft. | ..... | 198 sq. ft. |
| Heating surface..... | 4,670 sq. ft. | ..... | 5,162 sq. ft. | ..... | 7,743 sq. ft. |
| Working pressure..... | 190 lbs. | 180 lbs. | 180 lbs. | 180 lbs. | 180 lbs. |
| Speed..... | 9 knots | 9 knots | 11 knots | 11 knots | 11 knots |
| Classification..... | Lloyd's | Brit. Corp. | Lloyd's | Lloyd's | Lloyd's |



Wooden Steam Drifters at Lauzon, Que.

The vessels shown above are a portion of the 36 wooden steam drifters, built in Canada during the war, for the British Government, through the Canadian Naval Service Department. A full description, and plans of them, were given in Canadian Railway and Marine World for February.

Loss of the s.s. Troja.

Held at St. John, N.B., Mar. 25., before Commander H. St. G. Lindsay, assisted by Capt. Jas. Gillies and C. W. Hodder, as nautical assessors, into total loss of the s.s. Troja, on Old Proprietor, in the Bay of Fundy, Mar. 18. The court was unanimously of the opinion that the stranding and subsequent loss of the vessel was caused by the actions of the master, Capt. J. C. Caine, as he neglected to make use of his dead sea lead, which, had he done so when taking his departure from Seal Island, would have given him a better idea as to the distance, thereby enabling him to place more confidence in his course. A proper allowance was not made for the tidal set, owing, no doubt, to the fact that the tide

tables used by him, were shown to be incorrect. The court, taking into consideration the master's long and successful service, and the proper and seamanlike manner in which the vessel was handled when the broken water was reported, until the stranding, and not wishing to deal with his certificates, severely censured him and ordered that he pay the costs of the investigation.

Since the taking over of the cable companies by the U.S. Government, and the placing of them under the Postal Department, some friction has developed in regard to the corporate officials of some of the companies, and this culminated recently in the "dismissal" of C. H. Mackay, as President of the Postal Telegraph Cable Co., by the Postmaster General. Mr. Mackay is reported to have

stated that the action could not have been more arbitrary, despotic and vindictive. He also expressed the opinion that the action was intended to lead to a cable monopoly in the U.S., and was especially discriminatory against his companies.

The Marine Department will receive tenders to May 12, for the building on the Barret rock, near Prince Rupert, of a concrete tower, 38 ft. high, surmounted by an Aga light, supplied with compressed gas, capable of burning for about 6 months without attention. This is similar to the tower and light erected on the Ogden Point breakwater, at Victoria.

The Dominion Public Works Department will receive tenders to May 2, for repairs to the wharf at the quarantine station, Williams Head, B.C., about nine miles southwest of Victoria.