

stations. Of the government-owned, a distinction is shown in Table 67 between those operated by the Government and those operated under contract by the Marconi company. Commercial stations are subdivided into private and public.

Table 68 gives the names of Canadian Government steamers that are equipped with radiotelegraph apparatus, with the range in miles for each steamer. A transatlantic commercial wireless service is carried on by the Glace Bay, N.S., station, which works with Ongar, Essex, England, wireless rates per word being slightly less than those by cable.

Table 69 gives the number of messages and words handled and the cost of maintenance for the government stations of the east and west coasts and of the Great Lakes. For the year 1923-24, the total number of messages was 262,657, as compared with 267,849 in 1922-23, and of words handled 6,684,550, as compared with 5,466,698 in 1923-23.

67.—Radio Stations Licensed in Canada, fiscal year ended Mar. 31, 1924.

| Names of Stations.                            | Situation.                                  | Range in nautical miles. |
|---|---|--------------------------|
| <b>GOVERNMENT-OWNED STATIONS.<sup>1</sup></b> |   |                          |
| <b>EAST COAST.</b>                            |   |                          |
| Belle Isle, Nfld.*                            | Belle Isle Straits.....                     | 250                      |
| Point Amour, Nfld.*                           | Belle Isle Straits.....                     | 150                      |
| St. John, N.B.*                               | Red Head, N.B.....                          | 250                      |
| Cape Race, Nfld.*                             | North Atlantic.....                         | 400                      |
| Grindstone Island, Que.*                      | Gulf of St. Lawrence (Magdalen Island)..... | 200                      |
| Fame Point, Que.*                             | Gulf of St. Lawrence.....                   | 250                      |
| Clark City, Que.*                             | Gulf of St. Lawrence.....                   | 250                      |
| Father Point, Que.*                           | St. Lawrence River.....                     | 250                      |
| Grosse Isle, Que.*                            | St. Lawrence River.....                     | 100                      |
| Quebec, Que.*                                 | St. Lawrence River.....                     | 150                      |
| Montreal, Que.*                               | St. Lawrence River.....                     | 200                      |
| Cape Sable, N.S.*                             | North Atlantic.....                         | 250                      |
| North Sydney, C.B.*                           | North Sydney, C.B.....                      | 100                      |
| Camperdown, N.S.*                             | Entrance to Halifax Harbour.....            | 250                      |
| Sable Island, N.S.*                           | North Atlantic.....                         | 300                      |
| Halifax, N.S.                                 | Halifax Dockyard.....                       | 100                      |
| Louisburg, N.S.* <sup>2</sup>                 | Near Glace Bay, N.S.....                    | -                        |
| <b>Direction Finding Stations.</b>            |   |                          |
| Canso D/F.....                                | Nova Scotia.....                            | 150                      |
| Cape Race D/F.....                            | Newfoundland.....                           | 250                      |
| Chebueto D/F.....                             | Nova Scotia.....                            | 150                      |
| St. John D/F.....                             | New Brunswick.....                          | 150                      |
| St. Paul Island D/F.....                      | Nova Scotia.....                            | 150                      |
| Yarmouth D/F.....                             | Nova Scotia.....                            | 150                      |
| <b>GREAT LAKES.</b>                           |   |                          |
| Port Arthur, Ont.*                            | Port Arthur, Ont.....                       | 350                      |
| Sault Ste. Marie, Ont.*                       | Sault Ste. Marie, Ont.....                  | 350                      |
| Tobermory, Ont.*                              | Entrance Georgian Bay, Ont.....             | 350                      |
| Midland, Ont.*                                | Georgian Bay, Ont.....                      | 350                      |
| Point Edward, Ont.*                           | Lake Huron.....                             | 350                      |
| Port Burwell, Ont.*                           | Lake Erie.....                              | 350                      |
| Toronto, Ont.*                                | Toronto Island, Ont.....                    | 350                      |
| Kingston, Ont.*                               | Barriefield Common.....                     | 350                      |
| <b>WEST COAST.</b>                            |   |                          |
| Gonzales Hill, B.C. (Victoria)                | Victoria, B.C.....                          | 250                      |
| Point Grey, Vancouver, B.C.                   | Entrance Vancouver Harbour.....             | 150                      |
| Cape Lazo, B.C.                               | Strait of Georgia, near Comox, B.C.....     | 350                      |

<sup>1</sup> Of the government-owned stations some only are operated by the Government. The rest are operated by the Marconi Co. and are indicated by an \*.

<sup>2</sup> This is the same station as St. John-D/F below, but is included under two headings to indicate its two functions. It is counted only as a D/F station in the summary table (70).

<sup>3</sup> Limited coast station, owned and operated by the Marconi W/T Co. of Canada, Ltd.