

75.—Telephones in Use, Mileage of Wire and Number of Employees, by Provinces, Dec. 31, 1933.

Province.	Telephones in Use.						Mileage of Wire. miles.	Em- ployees. No.
	Busi- ness.	Resi- dential.	Rural.	Public Pay.	Total.	Per 100 Popula- tion.		
	No.	No.	No.	No.	No.	No.		
P. E. Island.....	1,193	1,492	2,597	66	5,348	6.0	7,764	58
Nova Scotia.....	10,941	21,041	10,585	989	43,556	8.3	102,386	700
New Brunswick...	7,487	15,839	5,788	636	29,750	7.1	62,562	542
Quebec.....	87,563	140,293	24,443	7,231	259,530	8.7	1,230,446	4,654
Ontario.....	144,053	289,100	99,949	10,805	543,907	15.4	2,339,702	7,833
Manitoba.....	19,308	30,072	10,470	2,024	61,874	8.6	318,184	1,029
Saskatchewan.....	15,470	16,271	42,219	298	74,258	7.8	386,259	672 ¹
Alberta.....	19,039	27,003	10,580	807	57,429	7.6	290,314	1,112
British Columbia..	35,973	76,313	2,974	1,268	116,528	16.4	396,683	2,187
Yukon.....	36	108	6	-	150	3.8	571	9
Totals.....	341,063	617,532	209,611	24,124	1,192,330	11.2	5,134,871	18,796

¹Excluding employees on rural lines.

PART XII.—RADIO.*

Under the Radiotelegraph Act (c. 195, R.S.C., 1927), the administration of radio within the Dominion was vested in the Department of Marine. Dominion jurisdiction has been questioned by certain of the provinces from time to time, but on Feb. 9, 1932, the Judicial Committee of the Imperial Privy Council ruled that the control and regulation of radio communication is within the jurisdiction of the Dominion Parliament. This decision was a very important one and has done much to further the nationalization of radio broadcasting in Canada. (See pp. 788-789.)

Section 1.—Radiotelegraphy.

The Coast Station Radiotelegraph System.—The present coast station system of 69 stations consists of three chains—one extending from Vancouver to Prince Rupert on the Pacific, another from Port Arthur to the Atlantic ocean in the east, and the third from Port Churchill to Resolution island at the entrance to Hudson strait. The Great Lakes coast stations connect with those of the east coast, which, in turn, connect with the Hudson Bay Route chain. There is no direct radio connection between the Great Lakes and the Pacific Coast chain.

Of the above stations, 17 on the east coast and Great Lakes are operated by the Canadian Marconi Co. under contract with the Department, and the remaining 52 on the east coast, west coast and Hudson bay and strait are operated directly by the Department. Twice daily, at advertised hours, a number of these stations broadcast messages to shipping containing such important information as weather forecasts, storm warnings, reports in connection with floating derelicts, ice and other dangers to navigation. In the interests of navigators, to whom accurate time is essential in computing observations on celestial bodies, three Canadian coast stations—two on the west coast and one on the east coast—transmit time signals at advertised hours daily.

* Sections 1 and 2 have been revised by Commander C. P. Edwards, O.B.E., Director, Radio Service, Department of Marine, Ottawa. A fuller treatment of the historical and descriptive background of radio communication was published at pp. 607-610 of the 1932 Year Book.