

## 4.—Radio Stations in Operation, by Class, as at Mar. 31, 1951—concluded

Class	No.	Class	No.
<b>Other Stations</b>		<b>Other Stations—concluded</b>	
Ship (Class A).....	2,739	Commercial receiving (special).....	136
Ship (Class B—Receiving only).....	22	Amateur experimental.....	6,774
Limited coast.....	15	<b>Private Radio Receiving Stations</b>	
Aircraft.....	1,053	Fee paid.....	\$,194,379
Public commercial.....	109	Free to the blind.....	9,591
Private commercial.....	5,782	Free to hospitals and charitable institutions.....	69
Municipal police private commercial.....	201	Free to schools.....	8,258
Private commercial broadcasting—		Free to crystal receivers.....	5
Operated by the Canadian Broadcasting Corporation.....	71 <sup>1</sup>	Free to Federal Government.....	141
Operated by private owners.....	173		
	244		
Technical or training schools.....	7		
Experimental.....	165		
Commercial receiving.....	422	<b>Total, All Stations.....</b>	<b>2,212,435</b>
			<b>2,230,551</b>

<sup>1</sup> Station location ("Z") markers are installed at 91 radio range stations.

<sup>2</sup> Two stations at Port Harrison, Que., and Coppermine, N.W.T., also perform restricted coast station service during the season of navigation, but since they are primarily weather-reporting stations they are shown under this heading only.

<sup>3</sup> Includes 19 repeater stations.

The above classes are numerous and complicated by the fact that many of them perform closely related functions. Descriptions of the services provided by different types of government-operated stations are given in the 1951 Year Book, pp. 804-808. The principal services provided by stations not operated by the Federal Government are as follows:—

**Public Commercial Licensed Services.**—The Canadian Marconi Company is licensed to operate a public commercial station with transmitting equipment at Drummondville, Que., and receiving equipment at Yamachiche, Que., for the purpose of communicating with a similar station located at St. John's, Nfld., thus providing a direct radiotelephone circuit between Newfoundland and the mainland.

**Commercial Trans-Oceanic Radiotelegraph and Radiotelephone Service.**—As at June 7, 1950, the Canadian Overseas Telecommunication Corporation took over the operation of the long-distance beam radiotelegraph service formerly operated by the Canadian Marconi Company between Montreal (Drummondville) and Great Britain, Australia, Bermuda and Jamaica, and the radiotelephone service between Montreal and Great Britain.

**Commercial Point-to-Point Radiotelephone Services.**—The North-West Telephone Company operates a radiotelephone service between points in British Columbia not hitherto served by telephone communications. Under licences granted by the Department of Transport, the Company has established 15 permanent public commercial radiotelephone stations in that Province. These stations are authorized to provide communication to 261 private commercial radiotelephone stations located at isolated points in that Province. This Company is also licensed to establish limited coast stations at Lulu Island, Power River, Vancouver, Nanaimo, Victoria, Agassiz, Althorp Point, Alert Bay and Prince Rupert, B.C., to provide a ship-to-shore service. These stations, used in conjunction with the ordinary telephone exchange, provide a duplex-radiotelephone service to 261 isolated points and certain ships at sea.