

television pictures were transmitted between Canada and Britain in 1959. In addition, 55 telephone circuits have been provided by cable and microwave for use between the mainland and Newfoundland.

The Canada-Britain 80-circuit telephone cable (CANTAT) was opened for service on Dec. 19, 1961. The Canada-Greenland-Iceland 24-circuit telephone cable (ICECAN), primarily provided to meet the North Atlantic communication needs of international civil aviation, was opened for service on Jan. 1, 1963. Its connecting counterpart between Iceland and Scotland (SCOTICE) was brought into service on Jan. 22, 1962. A four-party project (Canada-Britain-Australia and New Zealand) will provide a Canada-New Zealand-Australia 80-circuit telephone cable (COMPAC). This section of a Commonwealth round-the-world telephone cable system is scheduled for completion in late 1963. The Tasman section between Australia and New Zealand was opened July 9, 1962. Arrangements were completed for the right of use of a number of circuits for Canadian purposes in a telephone cable system connecting Bermuda and the United States brought into operation in January 1962, and in a telephone cable system connecting Jamaica and the United States brought into operation in February 1963. A six-party (Canada-Britain-Australia-New Zealand-Singapore and the Federation of Malaya) section of the Commonwealth round-the-world telephone cable system, scheduled for completion in 1966, will provide an Australia-New Guinea-North Borneo-Singapore-Malaya and Hong Kong 80-circuit telephone cable (SEACOM).

In addition to the overseas services operated by the Canadian Overseas Telecommunication Corporation, two cable companies operate submarine cables landing in Canada—the Commercial Cable Company and the Western Union Telegraph Company. These companies operate to stations in Britain, Ireland, the United States, the Azores and St. Pierre and Miquelon Islands.

A list of cables landed in Canada is given in Table 7.

7.—External Cables Landed in Canada, 1962

Company and Station	Cables	Nautical Miles
	No.	No.
Canadian Overseas Telecommunication Corporation (COTC)—		
Halifax, N.S. via Azores to Porthcurno, England.....	1	3,078
Port Alberni, B.C. to Auckland, New Zealand.....	1	6,748
Port Alberni, B.C. to Sydney, Australia.....	1	7,830
Sydney Mines, N.S. via Clarenville, Nfld. to Oban, Scotland ¹	2	2,280
Hampden, Nfld. to Oban, Scotland (CANTAT).....	1	2,010
Hampden, Nfld. to Vestmannaeyjar, Iceland via Greenland.....	1	1,657
Commercial Cable Company (CCC)—		
St. John's, Nfld. to Waterville, Ireland.....	4 ²	7,086
St. John's, Nfld. to New York, N.Y., U.S.A.....	2	2,587
Canso, N.S. via Azores to Ireland.....	2	3,426
Canso, N.S. to New York, N.Y., U.S.A.....	2	2,890
Canso, N.S. to St. John's, Nfld.....	2	913
Western Union Telegraph Company (WU)—		
Bay Roberts, Nfld. to Penzance, England.....	4	8,479
Bay Roberts, Nfld. to Hammil, N.Y., U.S.A.....	2	2,778
Bay Roberts, Nfld. to Azores.....	1	1,343
Heart's Content, Nfld. to Valencia, Ireland.....	4 ³	7,541
Placentia, Nfld. to St. Pierre and Miquelon Islands.....	2	250
North Sydney, N.S. to St. Pierre and Miquelon Islands.....	3	594
North Sydney, N.S. via Canso to Duxbury, Mass., U.S.A.....	1	695
North Sydney, N.S. to Island Cove, Nfld.....	2	635
North Sydney, N.S. to Colinet, Nfld.....	1	323
Island Cove, Nfld. to St. Pierre and Miquelon Islands.....	1	130
Eastern Telephone and Telegraph Company (ET&T)—		
Sydney Mines, N.S. via Clarenville, Nfld. to Oban, Scotland ¹	2	2,280
Sydney Mines, N.S. via Clarenville, Nfld. to Penmarch, France.....	2	2,400
New Brunswick Telephone Company Limited (NBTEL)—		
Campobello Island, N.B. to Lubec, Me., U.S.A.....	1	0.3

¹ Twin cable from Clarenville, Nfld. to Oban, Scotland and single cable from Clarenville, Nfld. via Terranceville, Nfld. to Sydney Mines, N.S. ² Licensed for operation by two carriers—COTC and ET&T. ³ One cable unserviceable.