

capability of industry and government in this new field and will be available to the Canadian Overseas Telecommunication Corporation for initial direct participation in the commercial satellite system when it becomes operational. As an interim arrangement, the station will be used by the Corporation for commercial communications via the "Early Bird" satellite system. The exploitation of this new technology to supplement existing cable and other facilities and form part of an improved global network will provide a means of meeting the ever-increasing demand for overseas communication services. A list of cables landed in Canada is given in Table 7.

7.—External Cables Landed in Canada, 1964

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 Sydney, Australia via Hawaii, Fiji Islands and New Zealand....	1	8,232
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
Western Union International Inc. (WUI)—		
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 ²	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 Terrenceville, Nfld. to Sydney Mines, N.S. ² Licensed for operation by two carriers—COTC and ET&T. ³ One cable unserviceable.

Subsection 5.—Federal Government Civil Telecommunications and Electronics Services

Radio regulation and radio aids to navigation services are under the jurisdiction of the Telecommunications and Electronics Branch of the Department of Transport. The functions and responsibilities of the Branch may be summarized as follows: (1) administration of the Radio Act and Regulations and the Radio Provisions of the Canada Shipping Act and Ship Station Radio Regulations; (2) research into and development of new and improved communication and electronic equipment and systems needed for aeronautical, marine, meteorological and other services; (3) construction, maintenance and operation of radio aids to marine and air navigation and of radio communication stations including procurement of the necessary equipment; (4) development of policy and plans with respect to international telecommunications by cables, satellites and other media including relations with the Canadian Overseas Telecommunication Corporation; (5) co-ordination of policy governing government use of telecommunication services; (6) administration of the leasing of land-line facilities required for all services of the Department; (7) planning of emergency measures and administration of the Emergency National Telecommunication Organization (ENTO); (8) administration of the Telegraphs Act and the Regulations thereunder covering the licensing of overseas submarine cables; (9) participation in the work of the International