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**CANADA**  
**DEPARTMENT OF TRADE AND COMMERCE**  
**DOMINION BUREAU OF STATISTICS**  
**PUBLIC UTILITIES BRANCH**

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**TELEGRAPH AND CABLE STATISTICS**

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**DOMINION BUREAU OF STATISTICS**  
**TRANSPORTATION AND PUBLIC UTILITIES BRANCH**  
**OTTAWA**

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Dominion Statistician, R.H. COATS, LL. D., F.R.S.C., F.S.S. (Hon.)

Chief, Transportation and Public Utilities Branch, G.S. Wrong, B.Sc.

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TELEGRAPH AND CABLE STATISTICS

1 9 3 9

The following statistics include those of the telegraph departments of the Canadian National, Canadian Pacific, Northern Alberta, and Temiskaming and Northern Ontario Railways, the North American Telegraph Company which operates north and west of Kingston, the Dominion Government Telegraph Department which operates lines in Nova Scotia, New Brunswick, Northern Quebec, and the western provinces up to the Yukon Territory and a small mileage in Ontario, and the Canadian operations of the Canadian Marconi wireless system and of the several cable companies with stations in Canada.

The Western Union Telegraph system operates across the south western part of Ontario but does no local business and the operating expenses of these lines have been considered also as revenues. It also relays trans-Atlantic messages to Canso, Nova Scotia, but the system used in handling these will not allow a segregation of such messages and consequently they are not included in the Canadian messages. The paid wireless messages of the Canadian Marconi to and from boats on the Great Lakes and St. Lawrence River and messages to and from stations have been classed with telegrams and the messages to and from boats at sea and across the Atlantic ocean have been included with cablegrams.

The cost of property and equipment continued to increase, rising from \$46,365,847 in 1938 to \$46,881,182. Gross income declined to \$10,474,489 from \$10,611,207 and operating expenses declined from \$9,699,331 to \$9,287,902.

Pole line mileage was increased slightly to 52,784 miles and the wire mileage was increased to 374,350, or by 1,267 miles. The number of employees was reduced from 6,347 to 6,339, but the pay roll was increased from \$8,205,518 to \$8,232,773. The employees exclude those on a commission basis and also the commissions are excluded from the wages; these amounted to \$305,976 of which \$166,329 was earned by railway employees.

The number of telegrams sent declined to 10,783,271 from 11,220,047 in 1938 and the number received from the United States for delivery in Canada increased from 1,594,187 to 1,679,641, making the total number of telegrams handled 12,462,912. Cablegrams, exclusive of wireless messages to vessels at sea increased from 1,404,244 to 1,492,389.

During the year \$3,539,988 was transferred by telegraph, compared with \$4,103,690 in 1938.

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Statisticien du Dominion: R. H. Coats, LL. D., F.R.S.C., F.S.S. (Hon.)  
Chef de la Branche des Transports et Utilités Publiques: C.S. Wrong, B.Sc.

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STATISTIQUES DES TELEGRAPHES ET CABLES

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Les statistiques suivantes ont trait au service des télégraphes du Canadien National, du Canadien Pacific, des chemins de fer Northern Alberta et Temiskaming and Northern Ontario, de la North American Telegraph Company qui fonctionne au nord et à l'ouest de Kingston, du département des Télégraphes du Dominion qui exploite des lignes en Nouvelle-Ecosse, au Nouveau-Brunswick, dans le Québec septentrional et dans les provinces de l'Ouest jusqu'au Territoire du Yukon ainsi qu'un court millage en Ontario; ainsi qu'aux opérations canadiennes du réseau de la Canadian Marconi et des compagnies de câble qui ont des stations au Canada.

Le réseau de la Western Union Telegraph fonctionne à travers le sud-ouest de l'Ontario mais ne fait pas d'affaires locales et les dépenses d'exploitation sont créditées aux revenus. Il fait aussi le relai des messages transatlantiques à Canso, Nouvelle-Ecosse; cependant le système employé à cette fin ne permettant pas une séparation des messages, ceux-ci ne sont pas inclus au nombre des dépêches canadiennes. Les radiogrammes payés de la Canadian Marconi envoyés aux vaisseaux et reçus des vaisseaux sur les Grands Lacs et le fleuve St-Laurent et les messages envoyés aux stations et reçus des stations ont été classés avec les télégrammes; les messages envoyés aux vaisseaux et reçus des vaisseaux en mer et à travers l'océan Atlantique ont été inclus avec les câblogrammes.

Le coût de la propriété et de l'outillage continue d'augmenter, passant de \$46,365,847 en 1938 à \$46,881,182. Les recettes brutes déclinent de \$10,611,207 à \$10,474,489 et les dépenses d'exploitation, de \$9,399,631 à \$9,297,902.

Le millage des lignes sur poteaux augmente un peu à 52,764 milles et le millage des fils augmente à 374,550 milles ou de 1,267 milles. Le nombre d'employés passe de 6,347 à 6,339, mais le bordereau de paye augmente de \$8,205,518 à \$8,232,775. Les employés ne comprennent pas les personnes à commission; de même, les commissions sont exclues des salaires et elles s'élèvent à \$805,976 dont \$166,329 reviennent à des employés de chemin de fer.

Les télégrammes envoyés déclinent à 10,783,271 en regard de 11,220,047 en 1938 mais les télégrammes reçus des Etats-Unis pour livraison au Canada augmentent de 1,594,187 à 1,679,641, soit un total de 12,462,912 télégrammes. Les câblogrammes, à l'exclusion des radiogrammes aux vaisseaux en mer, passent de 1,404,244 à 1,492,389.

Pendant l'année les transferts télégraphiques d'argent se placent à \$3,539,988 comparativement à \$4,103,690.

TABLE 1.  
TABLEAU 1.

TELEGRAPH AND CABLE STATISTICS  
STATISTIQUES DES TELEGRAPHES ET CABLES

Year Année	Cost of Property and Equipment Coût de la propri- été et de l'outillage	Gross Revenues Recettes brutes	Operating Expenses Dépenses d'exploitation	Net Revenues Recettes nettes	Net Corporate Income Revenu net des compagnies
	\$	\$	\$	\$	\$
1930	40,520,050	14,264,997	11,791,291	2,473,706	1,381,308
1931	40,878,344	11,641,729	10,720,949	920,780	Dr. 495,150
1932	41,081,678	9,381,075	9,020,052	361,023	Dr. 1,130,018
1933	41,225,957	9,267,715	8,122,964	1,144,751	Dr. 157,458
1934	41,949,716	9,972,627	8,436,144	1,536,483	1,130,037
1935	43,639,981	9,741,394	8,416,329	1,325,065	1,028,155
1936	43,708,710	10,378,873	8,710,349	1,668,524	1,363,156
1937	45,375,383	11,410,333	9,467,398	1,942,935	1,774,265
1938	46,365,847	10,611,207	9,309,631	1,301,576	1,075,781
1939	46,861,182	10,474,469	9,297,902	1,176,567	936,253

  

Year Année	Pole Line Mileage Milles de ligne sur poteaux	Wire Mileage Milles de fil	Employees <sup>(1)</sup> Employés (1)	Salaries and Wages Salaires et gages
				\$
1930	52,624	367,721	7,331	8,674,453
1931	53,228	368,583	6,637	7,875,058
1932	52,362	366,142	5,788	6,627,605
1933	52,112	365,489	5,263	5,870,433
1934	52,406	366,706	5,624	6,431,647
1935	53,034	365,518	5,903	7,030,330
1936	52,907	363,180	6,064	7,360,193
1937	53,001	369,411	6,401	8,075,333
1938	52,708	373,293	6,347	8,205,518
1939	52,764	374,550	6,339	8,232,773

  

Year Année	Telegrams - Télégrammes		Cablegrams <sup>(3)</sup> Câblogrammes <sup>(3)</sup>	Money Transfers Transferts d'argent
	Sent <sup>(2)</sup> Envoyés <sup>(2)</sup>	Received from the United States Reçus des Etats-Unis		
				\$
1930	12,991,348	2,535,777	2,053,059	10,213,475
1931	11,115,930	2,061,482	1,784,787	7,475,928
1932	9,095,559	1,490,043	1,514,321	4,698,660
1933	8,525,523	1,587,393	1,597,044	3,632,910
1934	8,991,843	1,553,798	1,691,477	3,950,254
1935	9,565,719	1,573,116	1,297,454	3,834,458
1936	11,001,938	1,733,250	1,391,903	4,296,738
1937	11,644,209	1,812,121	1,488,767	4,550,731
1938	11,220,047	x 1,594,187	1,404,244	4,103,630
1939	10,783,271	1,679,641	1,492,389	3,539,988

- (1) Excludes commission operators.
- (2) Includes commercial wireless messages to and from ships on the Great Lakes and St. Lawrence River and between stations in Nova Scotia, Quebec and Ontario.
- (3) Excludes cablegrams relayed and includes paid wireless messages to and from ships in the Gulf of St. Lawrence and Atlantic Ocean.

- (1) A l'exclusion de la commission des opérateurs.
- (2) Comprend les radiogrammes commerciaux aux ou des vaisseaux sur les Grands Lacs et le fleuve Saint-Laurent, expédiés entre les stations de la Nouvelle-Ecosse, du Québec et de l'Ontario.
- (3) Câblogrammes relayés non compris; mais sont compris les radiogrammes payés aux navires ou des navires, soit dans le golfe Saint-Laurent soit sur l'océan Atlantique.

## TELEGRAPH AND CABLE STATISTICS, 1939

TABLE 2.	Canadian National Telegraphs	Canadian Pacific Railway Company	Dominion Government Telegraph Service	Northern Alberta Railway Company	North American Telegraph Company	Teniskaming & Northern Ontario Rly. Comm.
	\$	\$	\$	\$	\$	\$
<u>COST OF PROPERTY AND EQUIPMENT</u>	20,280,242	18,932,337	2,700,000	280,808	14,248	306,660
<u>REVENUES</u>						
Commercial telegraph tolls	2,931,497	2,214,843	177,133	17,914	15,788	67,806
Telegraph tolls on cable messages	161,189	454,953	...	35	...	147
Government telegraph tolls	...	23,123	...	...	...	...
Press telegraph tolls	99,671	138,586	...	146	...	1,523
Money transfer tolls	39,391	16,113	...	14	243	578
Stock and commercial news revenue	359,533	109,897	...	...	...	...
Other telegraph transmission revenue	57,136	...	...	...	...	327
Commercial cable tolls	...	...	...	...	...	...
Press cable tolls	...	...	...	...	...	...
Other cable transmission revenue	...	...	...	...	...	...
Rents from leased lines and wires	534,982	887,958	...	...	342,166	28,924
Rents from other operated property	85,509	81,207	...	...	...	...
Money transfer premiums	18,947	7,090	...	...	...	...
Other non-transmission revenue	15,113	12,680	5,871	...	19	17
Total	4,302,998	3,346,453	183,054	18,109	358,216	99,322
<u>TABLE 3. - EXPENSES</u>						
Maintenance of line and equipment	761,211	757,626	205,262	...	233	15,917
Supervision of operations	286,341	254,328	17,970	...	...	902
Operators	1,101,719	757,648	205,060	7,267	10,573	15,099
Commissions	181,021	97,198	13,608	1,402	772	5,561
Other operating expenses	1,350,735	1,022,999	29,000	1,427	346,272	19,021
Salaries of general officers and general office clerks	91,106	41,098	22,830	...	2,760	2,370
General office expenses	22,324	26,072	2,650	...	403	...
General law expenses	807	105	...	...	...	...
Insurance	...	6,330	...	...	40	71
Other general expenses	66,857	8,366	30,590	...	774	...
Total	3,861,921	2,971,770	527,000	10,096	361,827	58,941
<u>TABLE 4. - INCOME</u>						
Net operating revenue	441,077	974,683	Dr. 343,946	8,013	Dr. 3,611	40,391
Lease of plant and rents	20,000	...	...	...	...	...
Other income	1,446	...	...	...	5,179	...
Gross income	462,523	974,683	Dr. 343,946	8,013	1,568	40,391
Taxes	93,332	63,773	...	525	1,089	...
Rents payable	227,500	...	...	1,042	...	...
Interest on funded debt	...	...	...	...	...	...
Other deductions	46,733	3,660	...	...	...	...
Total deductions	367,565	67,433	...	1,567	1,089	...
Net income	94,958	907,250	Dr. 343,946	6,446	479	40,381

/\$84,959 is a credit for maintenance expenses on through traffic.

STATISTIQUES DES TELEGRAPHES ET DES CABLES, 1939

Western Union Telegraph Company	Canadian Marconi Company	Commercial Cable Company	Halifax and Bermudas Cable Co.	Pacific Cable Board	TOTAL	TOTAL	TABEAU 2.
\$	\$	\$	\$	\$	\$	\$	
2,136,204	1,407,648	504,189	18,816	300,000	46,881,182		<u>COUT DE LA PROPRIETE ET DE L'OUTILLAGE AU CANADA</u>
4 84,969	...	...	...	...	5,510,003		<u>RECETTES</u>
...	...	...	...	...	616,324		Droits sur télégrammes commerciaux
...	...	...	...	...	23,123		Droits des compagnies de télégraphe sur câbogrammes
...	...	...	...	...	239,926		Droits sur télégrammes officiels
...	...	...	...	...	56,339		Droits sur télégrammes de la presse
...	...	...	...	...	469,430		Droits sur transferts d'argent
...	...	...	...	...	57,493		Messages financiers et commerciaux
56,058	974,637	127,567	40,689	229,329	1,428,280		Autres expéditions de messages
...	...	...	...	13,968	13,968		Droits sur câbogrammes commerciaux
...	...	...	...	22,634	22,634		Droits sur câbogrammes de la presse
...	...	...	...	...	1,794,030		Autres expéditions de câbogrammes
...	...	...	...	...	166,716		Loyer de lignes et de fils
...	...	...	...	...	26,037		Loyer sur autre propriété exploitée
16,486	...	...	...	...	50,186		Primes sur transferts d'argent
157,513	974,637	127,567	40,689	265,931	10,474,489		Autres revenus divers
							Total
							<u>TABEAU 3. - DEPENSES</u>
3,036	292,615	22,319	282	140,122	2,198,623		Entretien des lignes et de l'outillage
9,172	...	...	...	...	568,713		Surveillance de l'exploitation
24,217	259,891	36,258	4,786	163,024	2,585,542		Opérateurs
3	...	...	...	...	299,565		Commissions
20,265	...	31,748	6,258	83,987	2,911,710		Autres dépenses d'exploitation
10,955	71,423	...	4,075	90,580	337,227		Salaires des officiers et des commis du siège social
29	...	...	...	...	51,478		Dépenses générales du siège social
...	...	...	...	...	712		Frais juridiques généraux
...	...	...	...	...	6,441		Assurance
44,655	41,234	28,693	11,490	11,244	337,891		Autres dépenses générales
156,328	715,163	119,018	26,881	488,957	9,297,902		Total
							<u>TABEAU 4. - REVENU</u>
1,185	259,474	8,549	13,808	Dr. 223,026	1,176,587		<u>Recettes nettes d'exploitation</u>
...	28,772	...	...	...	48,772		Location d'établissement et loyers
...	2,047,760	...	...	...	2,054,785		Autre revenu
1,185	2,336,006	8,549	13,808	Dr. 223,026	3,279,744		Revenu brut
640	25,302	9,895	...	...	194,556		Taxes
4,274	...	...	...	...	232,816		Loyers à percevoir
...	...	...	...	...	...		Intérêt sur la dette fondée
...	1,865,726	...	...	...	1,916,119		Autres déductions
4,914	1,891,028	9,895	...	...	2,348,491		Déductions totales
Dr. 3,729	444,978	Dr. 1,346	13,808	Dr. 223,026	936,253		Revenu net

4 84,969 est un crédit pour les dépenses d'entretien sur les messages relayés.

TELEGRAPH AND CABLE STATISTICS, 1939

TABLE 5.	Canadian National Telegraphs	Canadian Pacific Railway Company	Dominion Government Telegraph Service	Northern Alberta Railway Company	North American Telegraph Company	Temiskaming & Northern Ontario Ry. Comm.
	No.	No.	No.	No.	No.	No.
<u>TELEGRAMS TRANSMITTED</u>						
Sent	5,837,621	4,334,477	394,280	37,334	37,747	106,186
Received from the United States	1,126,191	517,293	...	...	30,273	5,884
Total Number	6,963,812	4,851,770	394,280	37,334	68,020	112,070
<u>CABLEGRAMS TRANSMITTED</u>						
<u>Messages sent -</u>						
Transferred to cable companies	146,699	404,448	...	...	1,657	...
Transferred to Canadian land lines	...	...	...	69	...	930
Transferred to foreign land lines	34,265	...	...	...	...	...
Transferred to wireless companies	8,489	83,391	...	...	20	...
Total	189,453	487,839	...	69	1,677	930
<u>Messages received -</u>						
Transferred from cable companies	100,330	398,462	...	...	1,995	...
Transferred from Canadian land lines	...	...	...	122	...	707
Transferred from foreign land lines	994	...	...	...	...	...
Transferred from wireless companies	4,530	31,491	...	...	160	...
Total	105,854	429,953	...	122	2,155	707
<u>Originated in Canada -</u>						
Received from land lines	...	...	...	...	...	...
Filed in cable office by sender	...	...	...	...	...	...
<u>Terminated in Canada -</u>						
Delivered to land lines for delivery	...	...	...	...	...	...
Delivered direct to addressee	...	...	...	...	...	...
<u>Originated and terminated in other countries and handled at Canadian stations (not included above)</u>						
Total all Messages handled at Canadian Stations	295,307	917,792	...	191	3,852	1,637
<u>TABLE 6. - MONEY TRANSFERS</u>						
<u>Money transfers to -</u>						
United States	\$ 577,897	177,411	...	...	7,784	...
United Kingdom	\$ 11,408	...	...	...	...	...
Other foreign countries	\$ 12,747	...	...	...	...	...
Total	\$ 602,052	177,411	...	...	7,784	...
<u>Money transfers from -</u>						
United States	\$ 1,102,268	140,559	...	...	...	...
United Kingdom	\$ 12,136	...	...	...	...	...
Other foreign countries	\$ 1,632	...	...	...	...	...
Between Canadian stations	\$ 1,038,230	448,109	...	4,768	5,039	...
Total	\$ 2,154,266	588,668	...	4,768	5,039	...
<u>Money transfers to and from -</u>						
United States	\$ 1,680,165	317,970	...	...	7,784	...
United Kingdom	\$ 23,544	...	...	...	...	...
Other foreign countries	\$ 14,379	...	...	...	...	...
Between Canadian stations	\$ 1,038,230	448,109	...	4,768	5,039	...
Total	\$ 2,756,318	768,079	...	4,768	12,823	...

(a) Commercial messages to and from ships and stations in Quebec and Ontario and to and from stations in Nova Scotia.  
 (b) Includes 8,087 commercial messages to and from ships in Nova Scotia.



STATISTIQUES DES TELEGRAPHES ET DES CABLES, 1939

Western Union Telegraph Company	Canadian Marconi Company	Commercial Cable Company	Halifax and Bermudas Cable Co.	Pacific Cable Board	TOTAL	
No.	No.	No.	No.	No.	No.	
...	(a)35,628	...	...	...	10,783,271	<u>TELEGRAMMES TRANSMIS</u>
...	...	...	...	...	1,679,641	Envoyés
...	(a)35,628	...	...	...	12,462,912	Reçus des Etats-Unis
						Total
						<u>CABLOGRAMMES TRANSMIS</u>
						<u>Messages envoyés-</u>
121,556	...	...	...	...	674,360	Transférés aux compagnies de câble
...	...	...	...	...	999	Transférés aux lignes de terre canadiennes
...	...	...	...	...	34,265	Transférés aux lignes continentales étrangères
...	...	...	...	...	91,900	Transférés aux compagnies de sans-fil
121,556	...	...	...	...	801,524	Total
						<u>Messages reçus-</u>
92,739	...	...	...	...	593,526	Transférés des compagnies de câble
...	...	...	...	...	829	Transférés des lignes de terre canadiennes
...	...	...	...	...	994	Transférés des lignes continentales étrangères
...	...	...	...	...	36,181	Transférés de compagnies de sans-fil
92,739	...	...	...	...	631,530	Total
						<u>Provenant du Canada-</u>
...	(b)105,597	98,592	18,461	186,965	409,613	Reçus par lignes de terre
...	41,001	...	2,528	...	43,529	Reçus de l'expéditeur au bureau du câble
						<u>Arrivant au Canada-</u>
...	115,268	...	22,678	208,351	346,297	Transmis aux lignes de terre pour livraison
...	13,074	...	2,732	...	15,806	Transmis directement au destinataire
						<u>En provenance de et destinés à d'autres pays et transmis aux stations canadiennes-</u>
...	74,139	...	244,869	810,425	1,129,433	(non compris ci-dessus)
						Total des messages passant par les stations canadiennes
214,295	349,079	98,592	291,268	1,205,739	3,377,732	
						<u>TABLERAU 6. - TRANSFERTS D'ARGENT</u>
						<u>Transferts d'argent-</u>
...	...	...	...	...	763,092	aux Etats-Unis
...	...	...	...	...	11,408	au Royaume-Uni
...	...	...	...	...	12,747	à d'autres pays étrangers
...	...	...	...	...	787,247	Total
						<u>Transferts d'argent-</u>
...	...	...	...	...	1,242,827	des Etats-Unis
...	...	...	...	...	12,136	du Royaume-Uni
...	...	...	...	...	1,532	d'autres pays étrangers
...	...	...	...	...	1,496,146	entre stations canadiennes
...	...	...	...	...	2,752,741	Total
						<u>Transferts d'argent-</u>
...	...	...	...	...	2,005,919	aux et des Etats-Unis
...	...	...	...	...	23,544	au et du Royaume-Uni
...	...	...	...	...	14,379	à et d'autres pays étrangers
...	...	...	...	...	1,496,146	entre stations canadiennes
...	...	...	...	...	3,539,988	Total

(a) Messages commerciaux aux et des vaisseaux et stations dans le Québec et l'Ontario, et messages envoyés aux stations et reçus des stations dans la Nouvelle-Ecosse.

(b) Comprend 6,087 messages commerciaux aux et des vaisseaux en Nouvelle-Ecosse.

TELEGRAPH AND CABLE STATISTICS, 1939

	Canadian National Telegraphs	Canadian Pacific Railway Company	Dominion Government Telegraph Service	Northern Alberta Railway Company	North American Telegraph Company	Temiskaming & Northern Ontario Rly. Commn.
<u>TABLE 7. - EMPLOYEES</u>						
Operators - Male	588	401	307	5	5	9
Female	262	184	101	...	...	1
Other officers and employees	1,818	1,809	278	11	10	(c) 64
Total	2,668	2,794	686	16	15	74
Total salaries and wages	\$3,658,518	3,232,572	374,137	19,145	13,535	40,787
<u>Commissions paid-</u>						
To railway employees	\$ 88,195	72,909	...	1,302	...	5,925
To other persons	\$ 92,826	44,310	...	100	775	1,638
Total	\$ 181,021	117,219	...	1,402	775	5,561
<u>TABLE 8. - NUMBER OF OFFICES</u>						
Number of offices at which telegrams or cablegrams are received and forwarded						
in Canada	2,316	1,700	688	41	15	35
Offices outside of Canada	5	12	2	...	...	...
Total number of offices	2,321	1,712	690	41	15	35
<u>TABLE 9. - WIRE MILEAGE IN CANADA</u>						
<u>All Overhead Wires (not in cables)-</u>						
Copper	82,257	109,821	152	271	5	2,022
Iron	75,520	58,501	11,058	1,987	435	1,552
<u>Miles of Wire in Cables-</u>						
Overhead	4,865	2,686	...	2	...	...
Underground	1,057	5,008	...	2	3	3
Submarine	52	415	238	...	...	...
Total miles of wire in Canada	165,731	176,429	11,448	2,262	445	3,377
Total wire mileage outside of Canada	1,966	5,335	14	...	...	...
Total wire mileage	165,697	181,764	11,462	2,262	445	3,377
<u>Multiple Circuits-</u>						
<u>Wire mileage-</u>						
Telegraph (included above)	21,593	54,839	...	...	...	...
Telephone	12,925	4,580	...	...	...	5,022
Telegraph (outside of Canada)	270	3,088	...	...	...	...
Telephone (outside of Canada)	...	257	...	...	...	...
Channels normally used in Canada (miles)	229,908	236,387	...	...	...	3,209
Channels normally used outside of Canada (miles)	4,177	10,146	...	...	...	...
Miles of cable between Canadian stations	...	...	...	...	...	...
Miles of cable between Canadian & Foreign Stns.	...	...	...	...	...	...
<u>TABLE 10. - POLE LINE MILEAGE IN CANADA</u>						
Owned by the respondent	25,161	17,201	8,958	920	...	575
Leased from another company -						
Telegraph company	1,000	155	...	1	...	...
Telephone and Power Company	191	8	108	5	327	...
Pole line mileage outside of Canada	(a) 250	(b) 292	14	...	...	...

(a) Includes .25 miles of pole line leased from a telegraph company.  
(a) Comprend .25 milles de lignes sur poteaux louées d'une compagnie de télégraphe.  
(b) Includes 87 miles of pole line leased from a telegraph company.  
(b) Comprend 87 milles de lignes sur poteaux louées d'une compagnie de télégraphe.

STATISTIQUES DES TELEGRAPHES ET DES CABLES, 1959.

Western Union Telegraph Company	Canadian Marconi Company	Commercial Cable Company	Halifax and Bermudas Cable Co.	Pacific Cable Board	TOTAL	
35	194	14	2	73	1,633	<u>TABLEAU 7. - EMPLOYES</u>
...	...	...	...	...	548	Opérateurs
45	32	19	4	68	4,158	Opératrices
80	226	33	6	141	6,359	Autres officiers et employés
168,818	336,114	74,280	10,251	304,818	8,232,775	Total
...	...	...	...	...	166,329	Total des salaires et gages
...	...	...	...	...	139,647	Commissions payées
...	...	...	...	...	305,976	Aux employés de chemin de fer
						A d'autres personnes
						Total
						<u>TABLEAU 8. - NOMBRE DE BUREAUX</u>
						Nombre de bureaux où les câblogrammes et les télégrammes sont reçus et envoyés
1	16	1	1	3	4,815	au Canada
...	11	...	...	...	30	Bureaux à l'étranger
1	27	1	1	3	4,845	Nombre total de bureaux
						<u>TABLEAU 9. - MILLAGE DE FIL AU CANADA</u>
						<u>Fils suspendus (non dans des câbles) -</u>
5,359	...	...	...	...	199,887	en cuivre
3,216	...	...	...	...	152,069	en fer
						<u>Millage de fil dans des câbles -</u>
416	...	...	...	...	7,969	suspendus
479	...	...	...	...	6,552	souterrains
75	...	...	...	...	758	sous-marins
9,545	...	...	...	...	367,235	Millage total de fil au Canada
...	...	...	...	...	7,315	Millage total de fil à l'extérieur du Canada
9,545	...	...	...	...	374,550	Millage total de fil
						<u>Circuits multiples -</u>
						<u>Milles de fil -</u>
...	...	...	...	...	76,432	Télégraphe (compris plus haut)
...	...	...	...	...	22,527	Téléphone
...	...	...	...	...	3,358	Télégraphe (hors du Canada)
...	...	...	...	...	257	Téléphone (hors du Canada)
...	...	...	...	...	469,504	Voies normalement utilisées au Canada (milles)
...	...	...	...	...	14,323	Voies normalement utilisées hors du Canada (milles)
(d) 250	...	...	...	...	250	Milles de câble entre stations canadiennes
(d) 3,766	...	(d) 7,413	(d) 870	(d) 20,750	32,799	Milles de câble entre stations canadiennes et étrangères
						<u>TABLEAU 10. - MILLAGE DE LIGNE SUR POTEAUX AU CANADA</u>
754	...	...	...	...	51,569	Occupées par le propriétaire
						Louées d'une autre compagnie -
323	...	...	...	...	1,479	Compagnie de télégraphe
...	...	...	...	...	639	Compagnie de téléphone ou d'énergie électrique
...	...	...	...	...	(e) 556	Millage de lignes sur poteaux à l'étranger

(c) Includes 51 part time employees.  
(d) Nautical miles

(c) Comprend 51 employés à temps partiel.  
(d) Milles nautiques.

(e) Includes 87.23 miles of pole line leased from telegraph companies.  
(e) Comprend 87.23 milles de lignes sur poteaux louées des compagnies de télégraphes.

TELEGRAPH AND CABLE STATISTICS, 1939

TABLE 11.	Pr. Edward	Nova	New	Quebec	Ontario	Manitoba	Saskat- chewan
	Island	Scotia	Brunswick				
	Ile du Prince Edouard	Nouvelle Ecosse	Nouveau Brunswick	Québec	Ontario	Manitoba	Saskat- chewan
Pole line mileage	285	2,781	2,105	7,092	11,306	4,217	9,102
Wire mileage	815	15,424	16,287	45,476	130,358	31,573	49,767
Number of offices	40	253	164	927	1,442	331	638
Telegrams sent	76,526	698,575	505,406	2,377,497	3,971,702	869,425	478,850

TABLE 12. - MARCONI WIRELESS MESSAGES

	Year Ended December 31		
	(2) Nova Scotia - Nouvelle-Ecosse		(3) Quebec
	1939	1938	1939
Commercial messages sent to ships and stations	4,769	4,951	7,864
Commercial messages received from ships and stations	5,798	6,616	11,431
Messages sent to government ships	155	127	1,206
Messages received from government ships	305	355	1,546
Service messages sent to ships and stations	1,116	1,116	3,052
Service messages received from ships and stations	1,186	1,310	2,985
Government messages sent to stations	310	49	2,569
Government messages received from stations	3,106	3,495	4,316
Total	16,745	18,019	34,569

TABLE 13. - MATERIALS USED, 1939

TABLEAU 13. - MATERIAUX EMPLOYES, 1939

	Unit of Measurement	Quantity	Cost Value	
	Unite de Mesure		delivered at works	
			Coût des matériaux à pied d'oeuvre	
Lumber	M Ft. Pieds	15,558	\$ 433	Bois de charpente
Poles, telegraph	No. Nomb.	31,072	97,713	Poteaux de télégraphe
Posts	No. Nomb.	1,731	1,722	Piguets
Wire, galvanised	Lb. Livres	322,729	18,707	Fil galvanisé
Wire, copper	Lb. Livres	475,322	91,869	Fil de cuivre
Storage batteries			2,327	Accumulateurs
Other materials			721,718	Autres matériaux
Total			934,489	Total

- (1) Includes 639 miles in Canada leased from telephone or power companies and 87.23 miles outside of Canada leased from telegraph companies. Excludes pole line mileage leased from another telegraph company in Canada.
- (2) Messages sent to and received from ships in Nova Scotia represent messages exchanged between ships in the Gulf of St. Lawrence or on the Atlantic ocean and coast stations.
- (3) Messages sent to and received from ships in Quebec represent messages exchanged between ships in the St. Lawrence River and coast stations.
- (4) Messages sent to and received from ships in Ontario represent messages exchanged between ships on the Great Lakes and coast stations.
- (5) Ship to Shore Radio-telephone traffic included in the Ontario totals:
 

Paid messages to ships .....	989
Paid messages from ships .....	5,176
Government messages to ships .....	7
Government messages from ships .....	6
Service messages from ships .....	2

STATISTIQUES DES TELEGRAPHES ET DES CABLES

Alberta	British Columbia	Yukon	Newfoundland	United States	Outside of Canada	Total	TABLEAU 11.
Alberta	Colombie Britannique	Yukon	Terre-Neuve	Etats Unis	A l'extérieur du Canada	Total	
7,303	7,455	582	14	542	...	(1) 52,734	
40,130	36,823	582	14	7,301	...	574,550	Milles de fil
470	539	11	...	...	30	4,845	Nombre de bureaux
654,192	1,104,651	4,800	...	...	21,647	10,783,271	Télégrammes envoyés

Année terminée le 31 décembre			TABLEAU 12. - RADIOGRAMMES MARCONI	
Québec	(4) Ontario			
1938	(5) 1939	1938		
9,783	2,100	2,165	Messages commerciaux aux vaisseaux et aux stations	
15,117	9,751	10,403	Messages commerciaux des vaisseaux et des stations	
1,063	507	427	Messages aux vaisseaux du Gouvernement	
1,598	641	1,247	Messages des vaisseaux du Gouvernement	
3,115	1,414	1,336	Messages de service aux vaisseaux et aux stations	
5,010	1,437	1,410	Messages de service des vaisseaux et des stations	
2,818	248	285	Messages du Gouvernement aux stations	
5,784	730	756	Messages du Gouvernement des stations	
42,266	16,858	18,089	Total	

TABLE 14. - VALUE OF WORK CARRIED OUT, 1939

TABLEAU 14. - VALEUR DES TRAVAUX EXECUTES, 1939

	New Construction	Alteration and Maintenance Repair Work	Total	
	Construction nouvelle	Modifications, entretien et réparations	Total	
	\$	\$	\$	
By company employees	539,545	959,401	1,498,946	Par les employés de la compagnie
By contractors	9,956	...	9,956	Par des entrepreneurs
Total	549,501	959,401	1,508,902	Total

(1) Compris 395 milles au Canada loués des compagnies de téléphone ou d'énergie et 87.23 milles en dehors du Canada loués de compagnies de télégraphe. A l'exclusion du millage de lignes sur poteaux loués d'une autre compagnie de télégraphe au Canada.

(2) Les messages aux et des vaisseaux en Nouvelle-Ecosse représentent les messages échangés entre les stations côtières et les vaisseaux qui sont dans le golfe St-Laurent ou sur l'océan Atlantique.

(3) Les messages aux et des vaisseaux dans le Québec représentent les messages échangés entre les stations côtières et les vaisseaux qui sont sur le fleuve St-Laurent.

(4) Les messages aux et des vaisseaux en Ontario représentent les messages échangés entre les stations côtières et les vaisseaux qui sont sur les Grands Lacs.

(5) Transmission radiotéléphonique de vaisseaux-aux-côtes compris dans les totaux d'Ontario:

Messages payés envoyés aux vaisseaux .....	989
Messages payés envoyés des vaisseaux .....	5,176
Messages du gouvernement adressés aux vaisseaux .....	7
Messages de vaisseaux adressés au gouvernement .....	6
Messages de service envoyés des vaisseaux .....	2





