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DEPARTMENT OF TRADE AND COMMERCE  
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CENSUS OF INDUSTRY  
MINING, METALLURGICAL AND CHEMICAL BRANCH  
OTTAWA - CANADA

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QUARTERLY REPORT

PRODUCTION AND SALES OF RADIO RECEIVING SETS

THIRD QUARTER, 1937

Production of radio receiving sets in Canada during the third quarter of 1937 numbered 99,429 sets valued at \$4,921,353 at factory selling prices. This output represented an increase of 8 per cent in number and 13 per cent in value over the corresponding period of a year ago.

Producers' sales during July, August and September of this year totalled 91,949 sets listed at \$8,306,198, the number sold being higher than in any previous third quarter since the Bureau commenced collecting quarterly statistics on radio sales in 1931. Sales during the third-quarter period of the three preceding years were reported at 84,594 sets in 1936, 58,964 sets in 1935, and 42,695 sets in 1934.

Sales in Ontario during the quarter under review totalled 34,268 sets; in Quebec, 13,299 sets; in Manitoba, 13,231 sets; in Alberta, 10,589 sets; in British Columbia, 8,406 sets; in the Maritimes, 7,454 sets, and in Saskatchewan, 4,702 sets. Compared with the corresponding period of a year ago, increased sales were reported for Ontario, the Maritimes, British Columbia and Alberta while declines occurred in Saskatchewan, Quebec and Manitoba. During the first nine months of this year Ontario took 42.5 per cent of the total sales, the Prairie provinces, took 27.1 per cent, Quebec, 16 per cent, British Columbia, 7.9 per cent, and the Maritimes, 6.5 per cent.

Sales during the third quarter included 60,453 A.C. models, 27,845 battery models, and 3,651 sets for use in automobiles. Of the A. C. receivers, 35,307 were consols, 24,879 were mantle, and 267 were combinations. Of the battery sets, 7,850 were consols and 19,995 were mantle.

Inventories of radio receiving sets in the hands of the manufacturers on September 30th, 1937, were reported at 75,533.

Table 1 - PRODUCTION OF RADIO RECEIVING SETS IN CANADA, 1925 - 1937.

| Years      | Number of Sets | Selling value at works(x)<br>\$ | Years               | Number of Sets | Selling value at works(x)<br>\$ |
|------------|----------------|---------------------------------|---------------------|----------------|---------------------------------|
| 1925 ..... | 48,531         | 2,278,292                       | 1933 .....          | 112,273        | 4,401,313                       |
| 1926 ..... | 42,430         | 2,253,098                       | 1934 .....          | 188,710        | 8,196,248                       |
| 1927 ..... | 47,500         | 3,748,622                       | 1935 .....          | 191,293        | 9,493,399                       |
| 1928 ..... | 81,032         | 7,486,127                       | 1936 .....          | 253,896        | 11,388,173                      |
| 1929 ..... | 150,050        | 15,604,145                      | 1937 - 1st quarter. | 40,434         | 1,418,438                       |
| 1930 ..... | 170,082        | 19,196,936                      | 2nd quarter.        | 71,237         | 2,616,742                       |
| 1931 ..... | 291,711        | 18,555,710                      | 3rd quarter.        | 99,429         | 4,921,353                       |
| 1932 ..... | 121,468        | 6,808,877                       |                     |                |                                 |

(x) Not list prices

Table 2 - PRODUCTION, BY QUARTERS, 1931 - 1937.

|                     | 1931    | 1932    | 1933    | 1934    | 1935    | 1936    | 1937   |
|---------------------|---------|---------|---------|---------|---------|---------|--------|
|                     | No.     | No.     | No.     | No.     | No.     | No.     | No.    |
| First quarter ..... | 41,129  | 42,450  | 9,480   | 32,531  | 23,573  | 28,717  | 40,434 |
| Second quarter .... | 33,782  | 6,393   | 12,765  | 25,453  | 24,711  | 40,954  | 71,237 |
| Third quarter ..... | 85,023  | 30,804  | 22,061  | 46,969  | 56,043  | 92,327  | 99,429 |
| Fourth quarter .... | 131,777 | 41,841  | 67,967  | 83,757  | 86,966  | 91,898  |        |
| TOTAL FOR YEAR ...  | 291,711 | 121,468 | 112,273 | 188,710 | 191,293 | 253,896 |        |

Table 3 - PRODUCERS' SALES IN CANADA, BY PROVINCES, 1931 - 1936.

| Provinces                | 1931    | 1932    | 1933    | 1934    | 1935    | 1936    |
|--------------------------|---------|---------|---------|---------|---------|---------|
|                          | No.     | No.     | No.     | No.     | No.     | No.     |
| Maritimes .....          | 17,298  | 8,740   | 8,720   | 12,566  | 12,903  | 16,941  |
| Quebec .....             | 78,171  | 30,545  | 26,559  | 31,384  | 34,276  | 47,238  |
| Ontario .....            | 126,404 | 52,412  | 53,622  | 66,834  | 78,638  | 97,034  |
| Manitoba .....           | 19,340  | 12,875  | 12,542  | 16,251  | 18,533  | 28,591  |
| Saskatchewan and Alberta | 21,007  | 16,059  | 15,741  | 23,277  | 28,257  | 35,602  |
| British Columbia .....   | 23,902  | 12,823  | 13,309  | 16,865  | 17,572  | 22,514  |
| CANADA .....             | 286,122 | 133,454 | 130,493 | 167,177 | 190,289 | 247,920 |

Table 4 - PRODUCERS' SALES IN CANADA, BY TYPES, 1931 - 1936.

| Types  | 1931    | 1932    | 1933    | 1934    | 1935    | 1936    |
|--|---------|---------|---------|---------|---------|---------|
|  | No.     | No.     | No.     | No.     | No.     | No.     |
| <b>A. C. OPERATED RECEIVING SETS -</b>                     |         |         |         |         |         |         |
| Table and mantle .....                                     | 265,364 | 120,317 | (38,085 | 57,534  | 55,373  | 74,675  |
| Consols .....  |         |         | (44,719 | 70,526  | 79,284  | 92,448  |
| Combination, phonograph and radio .....                    | 13,738  | 4,907   | 8,597   | 1,114   | 431     | 934     |
| TOTAL .....  | 279,102 | 125,224 | 91,401  | 129,174 | 135,088 | 168,107 |
| <b>BATTERY OPERATED (except Automobile and Portable) -</b> |         |         |         |         |         |         |
| Table and mantle .....                                     | 1,353   | 1,353)  | 10,967  | (9,433  | 21,444  | 39,038  |
| Consols .....  | 4,982   | 6,327)  |         | (15,865 | 17,214  | 21,837  |
| TOTAL .....  | 6,335   | 7,680   | 10,967  | 25,298  | 38,658  | 60,975  |
| Automobile and portable .                                  | 685     | 550     | 9,905   | 12,705  | 16,543  | 18,838  |
| GRAND TOTAL .....  | 286,122 | 133,454 | 112,273 | 167,177 | 190,289 | 247,920 |

Table 5 - PRODUCERS' SALES IN CANADA, BY PROVINCES AND BY QUARTERS, 1931 - 1937.

| Provinces                         | Years | First   | Second  | Third   | Fourth  | Calendar | % of total<br>for year |
|-----------------------------------|-------|---------|---------|---------|---------|----------|------------------------|
|                                   |       | quarter | quarter | quarter | quarter | Year     |                        |
|                                   |       | No.     | No.     | No.     | No.     | No.      | %                      |
| Maritimes .....                   | 1931  | 2,611   | 2,000   | 4,786   | 7,901   | 17,298   | 6.0                    |
|                                   | 1932  | 2,591   | 602     | 1,940   | 3,607   | 8,740    | 6.6                    |
|                                   | 1933  | 1,704   | 836     | 1,763   | 4,417   | 8,720    | 6.7                    |
|                                   | 1934  | 2,146   | 1,096   | 2,647   | 6,677   | 12,566   | 7.5                    |
|                                   | 1935  | 1,497   | 1,035   | 3,820   | 6,551   | 12,903   | 6.8                    |
|                                   | 1936  | 1,996   | 1,466   | 5,887   | 7,592   | 16,941   | 6.8                    |
|                                   | 1937  | 2,173   | 1,726   | 7,454   |         |          | 6.5                    |
| Quebec .....                      | 1931  | 13,624  | 7,907   | 22,648  | 33,992  | 78,171   | 27.3                   |
|                                   | 1932  | 10,820  | 2,953   | 6,166   | 10,606  | 30,545   | 22.9                   |
|                                   | 1933  | 3,971   | 3,168   | 5,304   | 14,116  | 26,559   | 20.3                   |
|                                   | 1934  | 5,217   | 3,254   | 6,778   | 16,135  | 31,384   | 18.8                   |
|                                   | 1935  | 4,574   | 3,979   | 8,379   | 16,844  | 34,276   | 18.0                   |
|                                   | 1936  | 6,442   | 6,051   | 14,003  | 20,742  | 47,238   | 19.1                   |
|                                   | 1937  | 7,792   | 6,920   | 13,299  |         |          | 16.0                   |
| Ontario .....                     | 1931  | 23,272  | 12,355  | 30,342  | 60,435  | 126,404  | 44.2                   |
|                                   | 1932  | 19,252  | 4,498   | 12,164  | 16,498  | 52,412   | 39.3                   |
|                                   | 1933  | 10,584  | 6,256   | 11,589  | 25,193  | 53,622   | 41.1                   |
|                                   | 1934  | 11,639  | 9,392   | 15,463  | 30,340  | 66,834   | 40.0                   |
|                                   | 1935  | 12,667  | 13,432  | 19,350  | 33,249  | 78,698   | 41.4                   |
|                                   | 1936  | 15,948  | 15,084  | 27,015  | 38,987  | 97,034   | 39.1                   |
|                                   | 1937  | 19,534  | 20,362  | 34,268  |         |          | 42.5                   |
| Manitoba .....                    | 1931  | 2,581   | 1,491   | 5,919   | 9,349   | 19,340   | 6.7                    |
|                                   | 1932  | 3,083   | 1,463   | 4,458   | 3,871   | 12,875   | 9.6                    |
|                                   | 1933  | 1,806   | 908     | 2,635   | 7,193   | 12,542   | 9.6                    |
|                                   | 1934  | 1,680   | 935     | 5,063   | 8,573   | 16,251   | 9.7                    |
|                                   | 1935  | 1,269   | 1,226   | 7,742   | 8,346   | 18,583   | 9.8                    |
|                                   | 1936  | 2,686   | 2,546   | 13,808  | 9,551   | 28,591   | 11.5                   |
|                                   | 1937  | 2,309   | 5,350   | 13,231  |         |          | 12.0                   |
| Saskatchewan and<br>Alberta ..... | 1931  | 2,107   | 2,243   | 5,713   | 10,944  | 21,007   | 7.4                    |
|                                   | 1932  | 3,301   | 854     | 5,719   | 6,185   | 16,059   | 12.0                   |
|                                   | 1933  | 2,157   | 1,014   | 4,366   | 8,204   | 15,741   | 12.1                   |
|                                   | 1934  | 1,852   | 1,285   | 8,455   | 11,685  | 23,277   | 13.9                   |
|                                   | 1935  | 1,040   | 2,831   | 13,571  | 10,815  | 28,257   | 14.8                   |
|                                   | 1936  | 2,167   | 3,735   | 15,675  | 14,025  | 35,602   | 14.4                   |
|                                   | 1937  | 2,051   | 9,153   | 15,291  |         |          | 15.1                   |
| British Columbia.                 | 1931  | 3,458   | 2,096   | 7,500   | 10,848  | 23,902   | 8.4                    |
|                                   | 1932  | 3,357   | 840     | 3,853   | 4,773   | 12,823   | 9.6                    |
|                                   | 1933  | 1,592   | 1,902   | 3,709   | 6,106   | 13,309   | 10.2                   |
|                                   | 1934  | 2,886   | 1,637   | 4,289   | 8,053   | 16,865   | 10.1                   |
|                                   | 1935  | 2,219   | 1,308   | 5,602   | 8,443   | 17,572   | 9.2                    |
|                                   | 1936  | 2,575   | 2,864   | 8,206   | 8,869   | 22,514   | 9.1                    |
|                                   | 1937  | 2,497   | 2,898   | 8,406   |         |          | 7.9                    |
| CANADA .....                      | 1931  | 47,653  | 28,092  | 76,908  | 133,469 | 286,122  | 100.0                  |
|                                   | 1932  | 42,404  | 11,210  | 34,300  | 45,540  | 133,454  | 100.0                  |
|                                   | 1933  | 21,814  | 14,084  | 29,366  | 65,229  | 130,493  | 100.0                  |
|                                   | 1934  | 25,420  | 17,599  | 42,695  | 81,463  | 167,177  | 100.0                  |
|                                   | 1935  | 23,266  | 23,811  | 58,964  | 84,248  | 190,289  | 100.0                  |
|                                   | 1936  | 31,814  | 31,746  | 84,594  | 99,766  | 247,920  | 100.0                  |
|                                   | 1937  | 36,356  | 46,409  | 91,949  |         |          | 100.0                  |

Table 6 - PRODUCERS' SALES IN CANADA OF ALL TYPES OF RADIO SETS, BY CLASSES,

Prince Edward Island,  
Nova Scotia and  
New Brunswick

Quebec

A. C. OPERATED RECEIVING SETS -

| Classes according to number of tubes  | Unit | Nova Scotia and New Brunswick | Quebec    |
|---------------------------------------|------|-------------------------------|-----------|
| <u>Consols only -</u>                 |      |                               |           |
| 4 tubes or less .....                 | No.  | ...                           | 2         |
| 5 tubes .....                         | No.  | 522                           | 1,272     |
| 6 tubes .....                         | No.  | 913                           | 1,373     |
| 7 tubes .....                         | No.  | 292                           | 707       |
| 8 tubes .....                         | No.  | 632                           | 1,569     |
| 9 tubes .....                         | No.  | 204                           | 625       |
| 10 tubes .....                        | No.  | 191                           | 343       |
| 11 tubes .....                        | No.  | 47                            | 177       |
| 12 tubes and over .....               | No.  | 128                           | 482       |
| Total Consols .....                   | No.  | 2,929                         | 6,550     |
| Total Value at List Prices .....      | \$   | 367,693                       | 875,167   |
| <u>Table and Mantle only -</u>        |      |                               |           |
| 4 tubes or less .....                 | No.  | 135                           | 1,049     |
| 5 tubes .....                         | No.  | 781                           | 1,795     |
| 6 tubes .....                         | No.  | 988                           | 1,606     |
| 7 tubes .....                         | No.  | 228                           | 383       |
| 8 tubes and over .....                | No.  | 219                           | 504       |
| Total Table and Mantle .....          | No.  | 2,351                         | 5,337     |
| Total Value at List Prices .....      | \$   | 163,699                       | 331,079   |
| Combinations, phonograph and radio .. | No.  | 14                            | 94        |
| Value at List Prices .....            | \$   | 3,266                         | 18,978    |
| TOTAL A.C. RECEIVING SETS .....       | No.  | 5,294                         | 11,981    |
| TOTAL VALUE AT LIST PRICES .....      | \$   | 534,658                       | 1,225,224 |

BATTERY OPERATED RECEIVING SETS (Excluding automobile)

|                                  |     |         |        |
|----------------------------------|-----|---------|--------|
| <u>Consols only -</u>            |     |         |        |
| 4 tubes or less .....            | No. | 31      | 12     |
| 5 tubes .....                    | No. | 149     | 75     |
| 6 tubes .....                    | No. | 211     | 117    |
| 7 tubes .....                    | No. | 85      | 27     |
| 8 tubes and over .....           | No. | 181     | 26     |
| Total Consols .....              | No. | 657     | 257    |
| Total Value at List Prices ..... | \$  | 43,320  | 24,119 |
| <u>Table and Mantle only -</u>   |     |         |        |
| 4 tubes or less .....            | No. | 368     | 283    |
| 5 tubes .....                    | No. | 336     | 263    |
| 6 tubes .....                    | No. | 545     | 208    |
| 7 tubes .....                    | No. | 118     | 22     |
| 8 tubes and over .....           | No. | 4       | 7      |
| Total Table and Mantle .....     | No. | 1,371   | 783    |
| Total Value at List Prices ..... | \$  | 86,685  | 42,210 |
| <u>TOTAL BATTERY SETS -</u>      |     |         |        |
| "A" Battery operated only .....  | No. | 279     | 209    |
| All other .....                  | No. | 1,749   | 831    |
| TOTAL VALUE AT LIST PRICES ..... | \$  | 130,005 | 66,329 |

AUTOMOBILE SETS -

|                                  |     |       |        |
|----------------------------------|-----|-------|--------|
| 4 tubes or less .....            | No. | ...   | ...    |
| 5 tubes .....                    | No. | ...   | 6      |
| 6 tubes .....                    | No. | 132   | 272    |
| 7 tubes and over .....           | No. | ...   | ...    |
| TOTAL AUTOMOBILE SETS .....      | No. | 132   | 278    |
| TOTAL VALUE AT LIST PRICES ..... | \$  | 8,232 | 17,029 |

|  |     |         |           |
|--|-----|---------|-----------|
| GRAND TOTAL - ALL SETS .....           | No. | 7,454   | 13,299    |
| GRAND TOTAL VALUE AT LIST PRICES ..... | \$  | 672,895 | 1,308,582 |

and BY PROVINCES, - JULY, AUGUST and SEPTEMBER, 1937.

| Ontario   | Manitoba  | Saskat-<br>chewan | Alberta | British<br>Columbia | CANADA    |
|-----------|-----------|-------------------|---------|---------------------|-----------|
| 1         | ...       | ...               | ...     | 2                   | 5         |
| 2,354     | 251       | 104               | 241     | 400                 | 5,144     |
| 4,668     | 662       | 495               | 463     | 815                 | 9,389     |
| 1,534     | 307       | 97                | 136     | 321                 | 3,394     |
| 3,660     | 769       | 267               | 587     | 1,044               | 8,528     |
| 1,297     | 284       | 79                | 201     | 347                 | 3,037     |
| 1,079     | 91        | 122               | 95      | 323                 | 2,244     |
| 353       | 105       | 29                | 79      | 153                 | 943       |
| 1,197     | 224       | 123               | 134     | 335                 | 2,623     |
| 16,143    | 2,693     | 1,316             | 1,936   | 3,740               | 35,307    |
| 2,106,059 | 385,089   | 169,981           | 280,962 | 564,458             | 4,749,409 |
| 1,802     | 207       | 119               | 306     | 483                 | 4,101     |
| 3,693     | 487       | 281               | 431     | 824                 | 8,292     |
| 3,720     | 597       | 331               | 518     | 791                 | 8,551     |
| 577       | 82        | 27                | 114     | 280                 | 1,691     |
| 801       | 146       | 69                | 112     | 393                 | 2,244     |
| 10,593    | 1,519     | 827               | 1,481   | 2,771               | 24,879    |
| 641,590   | 98,336    | 49,689            | 95,583  | 202,413             | 1,582,389 |
| 125       | 9         | 5                 | 6       | 14                  | 267       |
| 26,162    | 1,888     | 1,071             | 1,506   | 3,679               | 56,550    |
| 26,861    | 4,221     | 2,148             | 3,423   | 6,525               | 60,453    |
| 2,773,811 | 485,313   | 220,741           | 378,051 | 770,550             | 6,388,348 |
| 106       | 485       | 54                | 272     | 31                  | 991       |
| 310       | 575       | 127               | 732     | 92                  | 2,060     |
| 421       | 715       | 248               | 892     | 173                 | 2,777     |
| 298       | 405       | 159               | 341     | 82                  | 1,397     |
| 131       | 75        | 95                | 44      | 73                  | 625       |
| 1,266     | 2,255     | 683               | 2,281   | 451                 | 7,850     |
| 114,042   | 193,383   | 63,638            | 206,310 | 42,427              | 687,239   |
| 1,285     | 1,880     | 887               | 1,863   | 334                 | 6,900     |
| 714       | 2,108     | 583               | 1,756   | 470                 | 6,230     |
| 857       | 2,499     | 194               | 1,103   | 330                 | 5,736     |
| 323       | 145       | 201               | 101     | 123                 | 1,033     |
| 9         | 17        | 3                 | 9       | 47                  | 96        |
| 3,188     | 6,649     | 1,863             | 4,832   | 1,304               | 19,995    |
| 168,374   | 330,649   | 92,543            | 232,884 | 69,796              | 1,023,141 |
| 1,073     | 2,260     | 852               | 2,099   | 498                 | 7,270     |
| 3,381     | 6,644     | 1,699             | 5,014   | 1,257               | 20,575    |
| 282,416   | 524,032   | 156,181           | 439,194 | 112,223             | 1,710,380 |
| ...       | ...       | ...               | ...     | ...                 | ...       |
| 46        | ...       | ...               | 5       | ...                 | 57        |
| 2,406     | 106       | 3                 | 48      | 126                 | 3,093     |
| 501       | ...       | ...               | ...     | ...                 | 501       |
| 2,953     | 106       | 3                 | 53      | 126                 | 3,651     |
| 164,595   | 6,387     | 205               | 3,118   | 7,904               | 207,470   |
| 34,268    | 13,231    | 4,702             | 10,589  | 8,406               | 91,949    |
| 3,220,822 | 1,015,732 | 377,127           | 820,363 | 890,677             | 8,306,198 |



MANUFACTURERS OF RADIO RECEIVING SETS, 1937.

| <u>Names of Companies</u>                                  | <u>Addresses</u>                        |
|--|---|
| Canadian General Electric Co. Ltd.                         | 212 King St. W., Toronto, 2, Ont.       |
| Canadian Marconi Co. Ltd.                                  | 211 St. Sacrament St., Montreal, P.Q.   |
| Canadian Westinghouse Co. Ltd.                             | Sanford Ave., Hamilton, Ont.            |
| Dominion Electrohome Industries Ltd.                       | 102 Breithaupt St., Kitchener, Ont.     |
| Mohawk Radio Ltd.  | 436 Wellington St. W., Toronto, 2, Ont. |
| Northern Electric Co. Ltd.                                 | 1620 Notre Dame St. W., Montreal, P.Q.  |
| Philco Products Limited of Canada                          | 1244 Dufferin St., Toronto, Ont.        |
| RCA Victor Co. Ltd.  | 976 Lacasse St., Montreal, P.Q.         |
| Rogers-Majestic Corporation Limited                        | 622 Fleet St., Toronto, Ont.            |
| Sparton of Canada, Ltd.                                    | 268 St. James St., London, Ont.         |
| Stewart-Warner-Alemite Corporation of<br>Canada, Limited   | Belleville, Ont.                        |
| Stromberg-Carlson Telephone Mfg. Co.<br>of Canada, Limited | 211 Geary Ave., Toronto, 4, Ont.        |

Table 8 - PRODUCTION IN CANADA AND IMPORTS OF RADIO RECEIVING TUBES, 1929 - 1937.

| Years                | PRODUCTION |             | IMPORTS |             |
|----------------------|------------|-------------|---------|-------------|
|                      | Number     | Value<br>\$ | Number  | Value<br>\$ |
| 1929 .....           | 2,924,270  | 3,100,148   | ...     | 524,872     |
| 1930 .....           | 3,116,096  | 3,181,276   | ...     | 327,728     |
| 1931 .....           | 3,297,007  | 2,298,098   | ...     | 113,760     |
| 1932 .....           | 2,747,456  | 1,610,850   | 55,762  | 60,157      |
| 1933 .....           | 1,731,569  | 1,023,364   | 119,367 | 84,027      |
| 1934 .....           | 2,367,674  | 1,389,815   | 266,283 | 155,271     |
| 1935 .....           | 2,151,041  | 1,214,365   | 460,749 | 253,149     |
| 1936 .....           | 2,940,296  | 1,646,705   | 565,873 | 289,659     |
| 1937 -               |            |             |         |             |
| First quarter .....  | 846,793    | 476,463     | 163,277 | 91,980      |
| Second quarter ..... | 927,256    | 556,664     | 138,469 | 74,595      |
| Third quarter .....  | 1,016,684  | 607,823     | 100,104 | 66,598      |

MANUFACTURERS OF RADIO RECEIVING TUBES, 1937.

| <u>Names of Companies</u>       | <u>Addresses</u>  |
|---------------------------------|-------------------|
| Canadian Westinghouse Co. Ltd.  | Hamilton, Ontario |
| Rogers Radio Tubes Ltd.         | Toronto, Ontario  |
| Radio Valve Co. of Canada, Ltd. | Toronto, Ontario. |