
TELECOMMUNICATIONS: SOME WORLD LEADING CANADIAN ACHIEVEMENTS

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| 1874 | Alexander Graham Bell invented the telephone in Brantford, Ontario, Canada. |
| 1876 | First long distance call was made between two towns, 16 km apart, in Ontario, Canada. |
| 1901 | First radio signal spanning Atlantic Ocean—from Cornwall, England to Signal Hill, Newfoundland, Canada. |
| 1962 | Canada becomes the third country in the world with its own satellite—Alouette 1. |
| 1971 | First digital microwave transmission system. |
| 1972 | First geostationary domestic satellite communications system—ANIK A1. |
| 1976 | First family of digital central office switching equipment. |
| 1976 | First satellite to test the super high frequency, 14/12 GHz bands—HERMES. |
| 1976 | First demonstration of Direct Broadcasting by Satellite (DBS) to earth stations small enough to be situated on or near individual homes. |
| 1977 | First packet-switched network. |
| 1978 | First dual band commercial communications satellite (6/4 GHz and 14/12 GHz—ANIK B). |
| 1981 | First remote manipulator system for space, “CANADARM” for launching payloads such as communications satellites, tested aboard second flight of space shuttle Columbia. |
| 1982 | First and longest all-digital nation-wide telecommunications network. |
| 1985 | First national cellular mobile radio telephone service installed in 23 metropolitan areas across Canada. |
| 1986 | Longest fibre optic domestic integrated network, 7,000 km spanning the country—construction contracted; completion projected for 1991. |