

- Third country with its own satellite in space—Alouette I (1962).
- World's first domestic communications satellite company—Telesat Canada (incorporated 1969).
- World's first geostationary domestic communications satellite—Anik A1 (1972).
- World's first domestic communications satellite to use non-tracking earth stations—Anik A1 (1972).
- National network television signals carried by satellite—Canadian Broadcasting Corporation (1973).
- Construction of facilities to build and test spacecraft and spacecraft subsystems—David Florida Laboratory (1973).
- World's first satellite to test the super high frequency 14/12 GHz bands—Hermes (1976).
- Most powerful non-military satellite in the world—Hermes (1976).
- World's first demonstration of direct broadcasting by satellite (DBS) to earth stations small enough to be situated on or near individual homes—*via* Hermes (1976).
- World's first dual band commercial communications satellite (6/4 GHz and 14/12 GHz—Anik B (1978).
- World's first regular DBS programming—TV Ontario, *via* Anik B (1979).
- World's first commercial 14/12 GHz service—La SETTE, a consortium of Quebec cable operators, *via* Anik B (1980).
- Manoeuvring satellites into same orbital position so that the usable channels on each could be operated as if they were aboard a single spacecraft—Anik A2 and A3 (1981).
- World's first remote manipulator system for space—Canadarm, first tested aboard second flight of the space shuttle *Columbia* (1981).
- Satellites used for world's first commercial DBS system—Anik C series (1983).
- First commercial satellite system combining voice, data and image telecommunications to be fully integrated with the ground-based network run by telecommunications companies—Stratoroute 2000 and the Telecom Canada network (1983).