

In 1988, the company constructed a 10 m satellite transmission station in Spain for TV transmissions to South and Central America; it also designed and installed a 9 m earth station in South Korea for TV transmission of the 1988 Summer Olympics. Teleglobe International Inc. also successfully concluded a number of consulting assignments in the United States and Canada for various clients, including a submarine cable consortium and telecommunications carrier.

In addition, the company is actively marketing a range of specialized application software packages and operational training courses, primarily aimed at large communications carriers using the Northern Telecom DMS-300 digital switch. Other specialized software packages that the company intends to market in the immediate future include a Teleglobe-developed Network Inventory System to monitor circuit implementation and facility usage.

For overseas projects, Teleglobe International Inc. provides a variety of project management services and has access to a number of experts to manage or operate major telecommunications systems on a contract basis.

Telesat Canada

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Telesat Canada has more than 19 years of experience in the design, implementation and operation of its own domestic satellite communications system.

Established in 1969, Telesat operates the world's first domestic geostationary satellite-communications system. It is a private company jointly owned by the Government of Canada and Canadian telecommunications common carriers. Since launching its

first Anik satellite in 1972, Telesat's satellite facilities have formed an integral part of the Canadian telecommunications infrastructure.

With nine successful launches, representing four generations of satellites, Telesat is one of the world's most experienced, respected and innovative satellite telecommunications companies.

Technical advisory and support services offered by Telesat include service management; feasibility studies; procurement support; development of station-keeping, flight dynamics and satellite-control software; and launch, mission and satellite control support and training.

International consulting experience includes:

- Ku band transfer orbit services for Hughes Aircraft in support of three Aussat launches;
- Ku band transfer orbit services for Ford Aerospace Corporation in the launch of two Japanese SUPERBIRD satellites;
- implementation support for the American Satellite Company;
- provision of flight dynamics software to Satellite Business Systems in the United States;
- provision of flight dynamics software to British Aerospace Public Limited Company for the launch of the Skynet 4 military communications satellites;
- satellite station-keeping strategy, transfer and geostationary management study for the European Space Agency;
- interference/co-ordination studies and satellite operations training for Germany's Deutsche Bundespost;
- feasibility studies and request for proposal preparation for space and earth segments for Radio Luxembourg;
- engineering/implementation support, negotiation and co-ordination support, and transportable telemetry, command and ranging station for the Société Européenne des Satellites;
- proposal evaluation, contract negotiations, engineering support, launch mission and campaign support for Australia's Aussat;

- strategic in-orbit satellite study and technical and management training for Indonesia's Perumtel;
- systems definition study for Korea's Ketri;
- product effectiveness training and satellite operations training for Brazil's Embratel; and
- space-station cost model study for the National Research Council of Canada.

TelSys Consultants Group

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TelSys Consultants Group provides consulting services in all aspects of telecommunications for businesses, institutions and government departments. Recent activities have included the selection and implementation of PBX systems ranging from 200 to 4 000 lines, of voice mail and of telecommunications inventory management systems.

Partners in TelSys have completed significant assignments in Western Europe, Great Britain, the Middle East and Ecuador.

An associated business, Informatics Education, provides an extensive range of courses and training materials in telecommunications and personal computer applications.

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TIE/communications Canada Inc. is a major supplier of cost-effective electronic key systems for small- to medium-