bus and graphite reflectors, MSAT matches the Earth's rotation, maintaining a fixed position over North America.

A joint Spar/Hughes team conducted the integration and test program at the Canadian Space Agency's (CSA) David Florida Laboratory in Ottawa.

Moreover, the original concept and enabling technologies were

developed in the early 80s at the Communications Research Centre of Industry Canada, which has provided ongoing scientific support and which currently administers the development of applications for government users.

Prior to the launch of MSAT-1, which has an operational life of 10 to 12 years and which has the capacity to support over 250,000 users, TMI was delivering voice and

data services using an identical satellite launched in April 1995 by the American Mobile Satellite Corporation (AMSC). This U.S. satellite will provide for a reliable backup to ensure uninterrupted services through TMI's working agreements with AMSC.

States Mr. J.C. Mackay, Senior Vice President, Spar Space Systems: "MSAT was one of the greatest team efforts in which Spar



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