

valued at \$3 million, and has now received a follow-on contract valued at over \$7 million (U.S.). Spar also supplied an experimental 15 Mbps system for the Telecom Research Centre in India. Its U.S. customers include NASA, Western Union and Dow Jones and Co. Inc.

#### **Company background**

The Special Products and Applied Research (SPAR) Division was separated from deHavilland Aircraft of Canada and established as an independent enterprise in 1968. Spar employs more than 2 000 people and has absorbed a number of firms to supplement its internal resources. Key acquisitions with respect to the space and communications activities include Astro Research Corporation of California (renamed Astro Aerospace Corporation in 1984), the assets of the Government and Commercial System Division of RCA Limited, and certain assets of the space electronics manufacturing unit of Northern Telecom Ltd.

#### **Spectrocan Engineering Inc.**

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Neal A. Patterson, Manager,  
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Spectrocan Engineering Inc. was formed in 1982 to undertake radio-frequency spectrum management projects overseas based on Canada's world-leading spectrum management technology. The very rapid growth of national and international communications systems has resulted in a need for more efficient and effective spectrum management facilities. Spectrocan can meet these needs for government agencies responsible for utilization and management of radio frequencies.

Spectrocan offers computer-based radio-frequency licensing, record keeping and accounting systems, spectrum engineering services, training and

organizational development services, radio-frequency monitoring stations (fixed and mobile), spectrum engineering laboratory facilities, and operations and maintenance assistance, either as a turnkey project or a specific technology package.

Spectrocan is associated with Monenco Ltd., a diverse consulting and engineering group of companies with over 75 years' experience in overseas projects.

#### **Spilsbury Communications Ltd.**

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Don W. Carle, President  
Berge Tuyssuzian, Manager,  
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Spilsbury Communications Ltd. specializes in the design and manufacture of commercial HF, VHF and UHF radio communication products for voice and data application; digital voice recorders, announcers and loggers for public safety, airlines and various telephone answering applications; full duplex mobile telephones for IMTS, AMTS, SMART and AUTOTEL; and non-directional radio-beacon systems.

Spilsbury has been actively designing and manufacturing radio communications equipment since 1941 and has been involved in servicing the international market for over three decades. Spilsbury has system design capability in radio systems and digital voice-recording systems. Communications equipment has been provided to major government and industrial accounts in the United States, the Middle East, Africa, Sri Lanka, Indonesia and the People's Republic of China.

#### **SR Telecom Inc.**

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John Beck, Director of Sales*

SR Telecom Inc. is the pioneer and world-leading manufacturer of subscriber radio systems. Using advanced point-to-multipoint TDMA microwave technology operating in the 1.5, 1.8 and 2.4 GHz bands, the systems deliver urban-quality telephone service to rural and suburban areas.

Subscriber radio has been adopted by telephone companies worldwide to provide a fully transparent connection between the two-wire terminals on an exchange distribution frame and a remote standard telephone set. The equipment is used to provide telephone and data service to rural or urban areas; and SCADA and telephone service for utilities, resource industries, offshore oil platforms and private networks. SR technology will extend existing telephone networks cost effectively, efficiently and without fear of obsolescence into sparsely populated areas where no service or utilities exist, with a measured MTBF of over 14 years.

SR systems are now in operation in over 40 countries, servicing the needs of more than 80 administrations and telephone companies.

#### **Szeto Telecom Inc.**

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KEY PERSONNEL:  
Charles Szeto, President*

Szeto Telecom is a manufacturer of the MADVS — Multiple Access Digitized Voice System — a second-generation voice storage and retrieval product. The system digitizes live recordings for storage on Winchester disks for later