



## *News Release*

### **For Immediate Release**

## **SPACEQUEST TO FLIGHT TEST DIGITAL SUN SENSORS FOR THE CANADIAN SPACE AGENCY**

Toronto, Canada, April 13, 2004 – The Canadian Space Agency SpaceQuest Canada today awarded SpaceQuest Canada Inc. a contract to construct, integrate, and flight test two Digital Sun Sensors and determine their viability for future microsatellite missions. The scheduled June 29<sup>th</sup> launch of three SpaceQuest-manufactured microsatellites will provide the opportunity to space-qualify the Digital Sun Sensors developed by SpaceQuest.

The SpaceQuest Digital Sun Sensor provides a measure of the spacecraft body angles with respect to the sun. It accepts digital configuration commands, and outputs digital angles and engineering telemetry over a serial bus. The unit is provided with regulated +3.3 V power from the spacecraft. Other innovative features include its small size and mass, low-cost, wide field of view, high-accuracy and simple interface.

SpaceQuest will evaluate the performance and space qualifications of the Digital Sun Sensors and determine the capabilities and viability of digital sun sensor technology for commercial use in Canada and other countries.

“The Digital Sun Sensor manufactured by SpaceQuest will be highly competitive with other sun sensors available in the market today, providing a small, robust, lower-power, lower-cost alternative for microsatellite missions, significantly reducing the integration and software development costs for most space projects,” said Mark Kanawati, Vice President of Engineering for SpaceQuest.

**About SpaceQuest Canada**

SpaceQuest has been a developer of advanced satellite technology for government, university and commercial use for the past fifteen years, specializing in the design, development, testing and manufacture of spacecraft as well as space and ground components for operation with low-earth orbiting satellites. SpaceQuest Canada Inc., a subsidiary of SpaceQuest, Ltd, was established as a Canadian corporation in 2001 to better serve government and private organizations throughout Canada.

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