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FOR IMMEDIATE RELEASE

Locus, Inc. Wins FAA Contract for GPS/Loran System

Madison, WI March 10, 2003--- Locus, Incorporated has been awarded a \$1.5 million contract by the Federal Aviation Administration (FAA) to continue its work on a combined global positioning system (GPS) and Loran system. The new program is an extension of Locus' current \$2 million FAA contract in which Locus developed a combined GPS/Loran system with Rockwell Collin's Advanced Technology Center in Cedar Rapids, Iowa. This new contract covers 8 months and includes flight tests with the integrated Rockwell/Locus system as well as new product development with FreeFlight Systems of Waco, Texas.

Both GPS and Loran technologies measure the length of time it takes radio waves to travel a specific distance in order to determine the user's position. However, the systems work in different ways. GPS technology is satellite-based and provides three-dimensional coordinates of a location (latitude, longitude and elevation above the earth's surface). While GPS is very accurate, it uses very low-powered signals that don't pass through objects such as trees or buildings. Loran (long range navigation) technology is one of Locus' core areas of expertise. Loran uses transmitters on the

ground and provides two-dimensional coordinates (latitude and longitude), measuring radio signals that travel over the curvature of the earth. As we know, the earth is hardly a uniform surface, and mountains and water affect the speed at which radio waves travel, and these factors can affect Loran data. One of Loran's strengths is that it uses very high-powered signals, much stronger than GPS, so it can penetrate cities and other areas much better than GPS.

One can easily see why the Federal Aviation Administration is interested in pursuing research and product development marrying both GPS and Loran technologies—they truly complement one another! Once development is complete, the FAA will install these GPS/Loran prototypes on aircraft and compare GPS and Loran performance throughout the United States.

Since 1979, Locus has designed, supplied, and supported the highest quality radionavigation and precise timing products for major companies and government agencies, including Motorola, Rockwell Collins, Leica Geosystems, the United States Coast Guard (USCG) and the Federal Aviation Administration (FAA). Locus' digital, all-in-view Loran receivers provide unparalleled performance to complement GPS in navigation, time/frequency, and monitoring applications. In 2002, Locus was the only company to score 100% on Motorola's Supplier Evaluation program, a clear validation that Locus products continuously meet the highest quality industry standards for performance, reliability, and service! You can learn more about Loran technology and Locus' role in pioneering this exciting field by visiting www.locusinc.com.

Attachment:

- (1) A .tif file of a Loran receiver, the *Locus SatMate 1020* which will be used in this Loran/GPS prototype
- (2) A .tif file of the Locus H-Field antenna which will be used in this application
- (3) The Locus logo

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