

**For Immediate Release: 01/19/99**

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## **NovAtel Launches Affordable Rollover Test Tool**

**CALGARY**, Alberta, Canada, Jan 19, 1999 --- NovAtel Inc. (Nasdaq:NGPSF) has launched an innovative and affordable simulation tool that allows users to test the effect of date/time transitions on systems which rely on GPS as a basis for date and time stamping.

Using NovAtel's GPS Timing Simulator (GTS), users responsible for equipment testing will be able to test how complex, interconnected systems react to events such as the GPS end-of-week (EOW) rollover and the Y2K rollover.

"The GTS provides a cost effective alternative for those who don't require a full-featured GPS signal simulator," says Leslie Reinke, Product Manager. "For a fraction of the cost of what is currently available on the market, NovAtel's GTS provides a customizable, flexible tool to test specific date/time conditions or thresholds."

### **Product Features**

The GTS consists of modified firmware which runs on a standard NovAtel MiLLennium® GPSCard. The GTS allows a user to add an offset to GPS time in order to simulate future times and dates. It has the ability to switch between operating as a 12 L1/L2 channel, geodetic-quality GPS receiver and a timing simulator. It is also DGPS capable operating as a base or rover station, provided that the complementary station is in the same time mode. The GTS produces real-time GPS satellite data, not simulated output. It can be used in either standalone or embedded configurations.

### **Specific Applications**

The GTS can be used in any application in which a user wishes to simulate specific date/time conditions or thresholds. Examples include the following:

- Y2K rollover
- GPS end-of-week rollover
- leap year transitions

## **Target Markets**

A system which relies on GPS for date and time stamping can interface to the GTS in order for a user to evaluate how well it can cope with irregular timing transitions. For example, telecommunications companies or utilities responsible for power generation and transmission could benefit from this technology. In these cases, the timing simulator could be used to test how GPS-time-synchronized networks will respond to EOW and Y2K rollovers.

## **Availability**

The GTS is available as of January 1999 directly from NovAtel's manufacturing facility located in Calgary, Alberta, Canada.

NovAtel Inc. designs markets and supports a broad range of products that determine precise geographic locations using the Global Positioning System ("GPS"). NovAtel's GPS products are used principally for applications in high-end markets such as surveying, geographic information systems, aviation, marine, mining and machine control and agriculture.