Research and Development at the UNAVCO Boulder Facility (poster for UNAVCO annual mtg, 2003)

215 Victoria Andreatta December 11, 2008 Development and Testing, Presentations 3116

Research and Development at the UNAVCO Boulder Facility

The UNAVCO Facility performs receiver and antenna testing as a service to the community when issues arise, when new equipment is released by a manufacturer, and for large project procurement. Receiver Tracking and Data Quality Tests are based on statistics determined from UNAVCO's Translation, Editing, and Quality Checking program (TEQC), and contain information that can be determined from a single GPS file (one receiver/antenna). Listed below are examples of tracking percentages, cycle slip counts, multipath statistics, and signal-to-noise ratio strength for L1 and L2. All of these parameters are taken into consideration when comparing different receiver types.

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