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**A Progress Report on the Status of I55US (Windless Bight, Antarctica) and the Installation of I53US (Fairbanks, Alaska)**

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I55US (Windless Bight, Antarctica) was placed in operation in February 2001 and has operated continuously since that time. A first certification inspection was performed in January 2002. This station has returned more than 90% of its data from 6 or more sensor elements over past the two years of operation.

Installation of I53US (Fairbanks, Alaska) is underway, currently all 5 sensor elements of the outer pentagon are functioning and returning data. The final three sensor elements that comprise inner triangle of the array should be completed and operating by the time this report is presented. Data from the array is currently collected and reviewed at the Geophysical Institute, and currently transmitted via the open Internet to the IMS in Vienna.

Data from both I55US and I53US is collected, reviewed and archived in near real-time at the Geophysical Institute. During the data recovery a visual display is generated that shows the current status of each sensor, meteorological conditions and alarm functions. This enables the remote operators at UAF to make immediate assessments of the status of the two stations. We will show selected samples of signals received at each station including microbaroms and Mt. Erebus volcanic eruptions received at I55US.