

## **SEISMIC NETWORK OPERATIONS IN ALASKA**

Roger A. Hansen and Douglas H. Christensen  
Geophysical Institute  
University of Alaska Fairbanks  
P.O. Box 757320  
Fairbanks, Alaska 99775

Tel: (907) 474-5533, Fax: (907) 474-7290

[E-mail: roger@giseis.alaska.edu](mailto:roger@giseis.alaska.edu)

### **Non-Technical Summary**

AEIC/AVO jointly operate, record and analyze data from 600 channels of seismic data throughout Alaska. Part of the operation and maintenance of the network is supported by USGS/NEHRP. The network contains numerous short-period seismic stations, 13 analog accelerometers, 20 broadband stations, and the associated receiving and telemetry systems. Many stations are in remote areas with extreme climatic conditions and can only be reached by helicopter, after the snow has melted. The major thrust of this work is to provide continued operation of the south Alaska seismic network together with the routine analysis of the combined network data.