

## Development of the seismic observation system at Syowa Station, Antarctica, with regard to the new Intersat Link

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<http://polaris.isc.nipr.ac.jp/~pseis/syowa>

Seismic observation system at Syowa Station, Antarctica, was greatly improved by using the Intersat communication Link system from February 2004. Seismic waveform data have been transmitted via the Intersat Link from Syowa to the NIPR by UUCP protocol. Remote operations and Internet access have advanced then data acquisition was greatly improved. Remote network monitoring inside the Syowa Station can also be made by using the web-camera system. In this presentation, several improved points of the observations is demonstrated together with the data archive, publication via Internet, and recent interesting seismic waves including Niigata-Chuetsu Earthquake and Sumatra Large Earthquake.