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Room: IC

Seismic waveform data distributed from the OHP data center

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Since April of 1999, the Ocean Hemisphere network data center start distributing broadband seismic waveform data from the ERI's regional seismic network and the JMA's nation-wide STS-2 seismic network, as well as acce lerograms and hydrophone and pressure sensor data from the ocean bottom cable off Sanriku coast and TPC-1 cable. Those continuous data are transmitted via the VSA Т system in the WIN format and are converted at the OHP data center into the SEED format which is popular among researchers over the world. http://ohpdmc.eri.u-tokyo.ac.jp Since April of 1999, the Ocean Hemisphere network data center starts distributing broadband seismic waveform data from the ERI's regional seismic network and the JMA's nation-wide STS-2 seismic network, as well as acce lerograms and hydrophone and pressure sensor data from the ocean bottom cable off Sanriku coast and the TPC-1 cable. Those continuous data are transmitted via the VSA Т system in the WIN format and are converted at the OHP data center into the SEED format which is popular among researchers over the world. SEED format contains waveform information and all information necesssty for broadband seismic waveform analyses such as station location, sensor orienta tion. time correction, sensor response, filter response, etc. Event data will be created about ten days after the occurring of an earthquake in the world (M>5.7, near Japan M>5.4) from short living continuous waveform data in a ring buffer. Several OHP seismic network stations upgraded with a new data logger have a dialup capability. Both automatic dialup system triggered by the weekly QED fr om USGS and manual dialup system are the improvement over data collection by mail. Continuous and event data from OHP seismic network, as well as other data sets are accessible from the OHP data center home page (http://ohpdmc.eri.u-tokyo.ac. jp).