

Ability of automatic seismic detection by telemetered OHP network

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Ocean Hemisphere Network, broadband seismic network in eastern Asia and Pacific region, have been upgraded to telemetered network. Moreover our network starts to exchange seismic wave data with surrounding countries in real time. Assembled network is useful to monitor seismic event around western and southern Pacific region. We tried automatic detection for seismic events greater than magnitude 5.5. Appropriate filtering to seismic records is important factor for stable detection. The present performance shows event trigger and hypocenter determination are excellent. However depth and magnitude estimations are still remained as a theme for any warning system.