

2.2-P15. REGISTRATION OF EVENT IN DPRK 2013/02/12 BY FACILITIES OF MAIN CENTRE OF SPECIAL MONITORING (UANDC).

The event in North Korea on February 12 was confidently registered by all station of Main Centre of Special Monitoring including primary IMS station PS45. The information about event was processed very quick and forwarded to superior authorities. The notification of operational duty officer about event on the results of processing of digital waveform was made 3 minutes after the arrival of the signal, on the results of processing of analog waveforms - 15 minutes after the arrival of the signal. The estimated magnitude of the event is 5.2 and the event depth is about 1 km. Explosive power estimated in the range of 20-50 kt. It was promoted by the preliminary work on the analysis of the previous two events in the region. Digital waveforms with the signals from the events were taken as reference. For each station, the characteristic identification features was specify and together help us quickly determine the type of event. In addition, to digital waveforms in real time were implemented correlation and polarization detectors.

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