## Data Processing for the Application of Ocean-bottomed Seismographs to the Earthquake Early Warning in the Railway Field

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In order to issue warnings for earthquakes whose epicenters are located in ocean areas more rapidly than present earthquake early warning (EEW) systems, it is effective to utilize ocean-bottomed seismographs (OBSs). So as to stably transmit OBS data to railway operators from land terminal stations by limited bandwidth, we defined the UDP telegram format which contains seismic indices of OBSs in a certain area and the quality control flags for data losses and noises. This information calculated in real-time at land terminal stations may improve both the rapidness and reliability of EEW in the railway field.