We observed seismic activity by Ocean Bottom Seismometer (OBS) small array at Suiyo submarine volcano, Izu-Bonin arc. We used 4 OBSs with 3 component sensors and hydrophone. 3 OBSs have PMD sensors for low frequency observation. Local events include long period events have swarm like activity. Local events are common but it is calm down during low frequency tremor. Shortest interval of OBS, one of the constraint of event scale, is about 30 m because many events observed only one OBS.

Local events are common but it is calm down during low frequency tremor.