

## Data transfer system from ocean bottom observatory

# Toshihiko Kanazawa [1], Masashi Mochizuki [2], Shin'ichi Sakai [3], Tomoki Watanabe [4], Hajime Shiobara [5], Ryota Hino [6], Tatsuaki Matsumoto [7]

[1] ERI, Tokyo Univ, [2] ERI, Univ. of Tokyo, [3] Earthquake Research Institute, Univ. of Tokyo, [4] Earthquake Res. Inst., Univ. Tokyo, [5] Dep. Earth Sci., Fac. Sci., Toyama Univ., [6] RCPEV, Tohoku Univ., [7] Oceanic Engineering Center, NEC co.

Long-term accumulation of data at ocean bottom observatories is necessary to understand active processes occurring in the Earth. Development of data recovery system from ocean bottom observatory is one of the problems which have to be cleared before construction of ocean bottom observatory. We have been developing a method to recover data from ocean bottom observatory using acoustic and satellite communications. In this presentation, we will introduce this telemetry system and the results of its performance tests.