

J161-027

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Possible active structure in the western Sagami Bay detected by dense single-channel seismic survey

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In May, 2005, intensive single channel seismic surveys have been successfully completed in Sagami Bay area, central Japan, during the KY05-06 cruise using R/V KAIYO of JAMSTEC (Japan Agency for Marine-Earth Science and Technology). We obtained 22 SCS profiles in the overall Sagami Bay area, and 37 shallow and deep profiles around the Hatsushima cold seep communities in the western Sagami Bay. Very clear acoustic images were captured down to 1 sec. (TWT) after some editing, band-pass filtering and time migration. We present here the seismic profiles obtained during the KY05-06 cruise.