

## Preliminary results of the precise survey in the epicentral area of the May 04 1998 Southern Offshore Ishigaki Earthquake

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A M7.7 earthquake with the mechanism of NW-SE left-lateral strike occurred on 4th May 1998 JST 250km south of Ishigaki Island in the Philippine Sea. JAMSTEC dispatched the R/V KAIREI with the Deep Sea ROV KAIKO for the precise survey in the epicentral area. The result of the topographic survey shows that the area is characterised by three different topographic lineaments: WNW-ESE, NNE-SSW, and NW-SE. Visual observation survey by KAIKO showed recent relics of seafloor collapse without sediment cover on

the foot of the NW-SE escarpment, suggesting that the NW-SE trend is most active in the study area.