Aftershock observation for South off Ishigaki Is. earthquake (1998/5/4) by OBS

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A M7.6 earthquake occurred South off Ishigaki Is. in the Philippine sea plate on 4 May, 1998. The source mechanism is a strike-slip type with a E-W compression axis according to the Harvard CMT solution. Aftershock distribution by JMA suggests the strike of the fault plane is NW-SE. To reveal correct mechanism of this earthquake, we made aftershock observation by 8 OBSs about 2 months. About 980 earthquakes are determined within the first 67 hours, but only 8 by JMA. The distribution is along NW-SE trend of the sea floor topography. Mechanism solutions of many earthquakes seem to have an opposite solution with the CMT.