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**Transition of the Taiwan-Ryukyu collision-subduction process as  
revealed by ocean-bottom seismometer observations**

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**Highlights:**

- 8 OBSs and 14 inland stations were used to analyze the seismic features.
- 9 focal mechanisms were determined based on the first arrivals motion.
- Two main borders along east Taiwan were defined based on relocated earthquakes.
- The underthrust arc/fore-arc forms the transition from collision to subduction.
- The arc/for-arc deformation occurred mainly in the marine area.

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