

Bathymetry of the Central Basin Fault 2 -preliminary report of KR9812 cruise

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Detailed bathymetry of the Central Basin Fault, which is considered as the extinct spreading center of the West Philippine Basin, are obtained during KR9801/KR9812 cruise. Preliminary result of the survey and its tectonic imprecation are presented. Bathymetric features of CBF can be divided into two groups. One group consists of E-W spreading fabric on the basin floor and N-S fracture zones. This group was formed by N-S spreading in the later stage of the basin evolution. Second group is NW-SE structure, such as escarpments, small troughs and minor ridges. These features cut the E-W spreading fabric, therefore they are interpreted as the result of tectonic movements / volcanism after N-S spreading. Right lateral step of fracture zones was also observed at CBF.