

## Morphology of deep sea channel in the Bengal deep sea fan

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We performed geological/geophysical survey in the Gulf of Bengal by using Hakuho-maru in January 2001. High resolution swath bathymetric map and 3.5kHz subbottom profile reveal 2 major deep sea channels and tens of abandoned channels developing in the Bengal Deep Sea Fan. Morphology of major deep sea channel is characterized by changing from V-shaped type with relatively straight channel to flat floor type with relatively meandering channel. We discovered crescent shaped lake which is formed by short cut of highly meandering channel.