

Introduction of CDEX Logging Services: planning, support in data processing, interpretation and core-log-seismic integration

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<http://www.jamstec.go.jp/chikyu/eng/CHIKYU/index.html>

Center for Deep Earth Exploration (CDEX), JAMSTEC, began its operations in Integrated Ocean Drilling Program (IODP) on September 21, 2007. As the expedition was Logging-While-Drilling (LWD) transect across the Nankai Trough, CDEX Logging Services were the first being tested by the group of scientists, most had sailed on previous scientific drilling cruises.

Unlike other platforms in IODP, Chikyu operates in riserless and riser drilling, and hence onboard structure and support system varies and first of its kind in the scientific drilling.

CDEX's logging services on Chikyu, which span from its pre-cruise planning to the support on data processing, interpretation and core-log-seismic integration at both onboard reporting, and post-cruise research, will be introduced in details.

