

***Chikyu* IODP Board**

Project Coordination Team

General Terms of Reference

(Ver. 0.6; July 2013)

1. Overview

D/V *Chikyu* project implementation, especially for riser projects, takes several years from preparation to execution. This is because of the complexities inherent in complex drilling operation logistics and planning as well as multi-stage and multi-year strategies to tackle the scientific objectives. The principle investigators and the co-chief scientists (in the implementation stage) need to work with the implementing organization (IO) once a proposal becomes a project. Collaboration and cooperation between the IO and scientists is the key factor for project success. The *Chikyu* IODP Board (CIB) Project Coordination Team (PCT) is the venue where the IO and scientists work together for the success of each scientific drilling project.

2. General Purpose

The PCT creates a feasible drilling project once proposals have been accepted. Normally, the PCT will be established once the CIB designates a proposal to a project. The PCT shall define operational constraints and maximize the scientific target of a project within those constraints, and shall provide reasonable advice to the CIB and the Director General of CDEX. Each PCT might have slightly different terms of references because each drilling project may have different specific aspects. Coordination with the Technical Advisory Team (TAT)* is also highly recommended, in terms of managing the technological and engineering aspects of a project.

3. Mandate

The PCT shall make recommendations and offer advice to the CIB and the Director General of CDEX pursuant to the following principles:

- Development of designated drilling project based on IODP drilling proposal(s) recommended by the CIB.
- Identify operation constraints and seek for their mitigation plan, if possible.

- Review assigned projects to identify expedition-specific scientific targets, efficiently and effectively coordinate expedition development, establish agreement on scientific/technologic contingency options.
- Coordination between each expedition among the assigned project to maximize scientific outcome and maintain the agreed-upon scientific standards.
- Co-chiefs selection and the science party staffing of each expedition, to maximize the scientific out come of the project and to satisfy Chikyu IODP membership agreements.
- Coordinate onboard scientific measurements among the designated project.
- Identify and assign responsibility for expedition-specific technological development requirements.

4. Membership

The PCT membership shall consist of CDEX representatives, principle investigators, and external scientists and engineers as needed. The number of core members shall be five to eight.

5. Meeting

Hold a physical meeting once a year, basically in conjunction with other international meetings (e.g., AGU). In addition to the physical meeting, telephone-based (e.g. Skype) conferences are encouraged on an as-needed basis.