

Chikyu IODP Board meeting #8
13 - 14 June 2021

Virtual meeting

Executive Summary (List of Consensus Items)
FINAL version approved 10 Aug, 2021

CIB_Consensus_0721-01: Approve agenda.

The CIB approved the #8 meeting agenda with one modification (move the TAT report to the first item for Day-2).

CIB_Consensus_0721-02: Approve minutes.

The CIB approved the minutes of the last CIB meeting with minor grammatical modifications.

CIB_Consensus-0721-03: Japanese commitment to post-IODP program

The CIB confirms that deep-water operations, deep well penetration including sample recovery, and a riser capability are crucial for the successful implementation of the 2050 Science Framework. The CIB requests that MarE3, JAMSTEC, and MEXT explore new business schemes to enable and implement these operational capabilities for future scientific ocean drilling.

CIB Consensus_0721-04: JAMSTEC fleet contribution to Scientific Ocean Drilling (SOD)

The CIB recognizes the outstanding success of IODP Exp. 386 and its collaborative approach for scientific achievement. Similar use of other JAMSTEC vessels may help to implement expeditions as MSPs in the future 2050 Science Framework.

CIB Consensus_0721-05: Suspending Certificate of Conformance (COC)

The CIB acknowledges that suspending the COC retains the possibility of scientific riser operations (including CPPs), but also understands that industry contracts using *Chikyu* for riser operations may no longer be possible in certain areas.

CIB Consensus_0721-06: Potential riserless proposals

The CIB resolves that no new *Chikyu* riserless proposals will be accepted in the current phase of the program; only riserless proposals currently at SEP will be considered for possible implementation in the 2024/2025 operation window(s). The CIB requests MarE3 to add/review the cost category of the existing proposals. The CIB chair and the JRFB chair will discuss potential implementation of some proposals that currently reside at JRFB using *Chikyu*. The scheduling discussion at the next CIB meeting could consider those proposals and current *Chikyu* riserless proposals for implementation.

CIB Consensus_0721-07: Fate of unimplemented riser proposals

The CIB recognizes that the currently accepted but unimplemented/unscheduled deep-riser drilling projects using D/V *Chikyu* will not be completed during the current phase of IODP. Proponents of these proposals will be contacted and informed about this situation. Proponents will need to make revisions that address the 2050 Science Framework for those proposals to be considered in a future post-IODP program, after proposal guidelines for a new program have been established. These revised proposals will be subject to review. The CIB also recognizes the extensive efforts required for developing deep-riser projects and suggests that international workshops be organized to define scientific objectives, success criteria, project risks, and costs for future SOD proposals.

CIB Consensus_0721-08: JRFB WG-SFP report

The CIB receives the JRFB WG-SFP report and agrees with its findings, in principle. The CIB will respond to the findings and questions raised by the report, and share these with the JRFB. The CIB recognizes the importance of careful planning for Science Framework proposals to advance future SOD.

CIB Consensus_0721-09: TAT Report

The CIB receives the TAT and Merlin reports and thanks the team for their excellent and comprehensive review and recommendations concerning Expedition 358 operations, as well as their suggestions regarding future planning of a successful seismogenic zone drilling program at Site C0002. The CIB recommends to MarE3 that these reports be considered in the IODP Exp. 358 operational review (e.g., Operations Review Task Force), and used to plan the next operational steps for NanTroSEIZE deep-riser objectives.

CIB Consensus_0721-10: KCC new repository

The CIB thanks KCC for the comprehensive update on the core repository and applauds plans for expansion of the repository reefers. The CIB recognizes that the international core repositories are essential for the success of the current program and any future SOD program(s).

CIB Consensus_0721-11: CIB rotations

The CIB agrees that the science members will extend their memberships by 1 year, since there were no distinct activities in 2020 due to the COVID-19 pandemic. However, Dr. Ryo Anma will rotate off as planned. All CIB members accepted this rotation schedule.

CIB Consensus_0721-12: Farewell to Ryo Anma

The CIB expresses its sincere thanks to Prof. Ryo Anma for his service as a member of the CIB. His frank and thoughtful opinions and observations will be sorely missed.

CIB Consensus_0721-13: Next CIB meeting

The CIB will look into holding the next meeting in mid-2022, then hopefully in person. The timing will be after the next JRFB (currently scheduled in May), since some outcomes from the JRFB will need to be followed up by the CIB. The exact date will be agreed upon by email after confirming the dates of the JRFB, SEP, and other meetings as well as the progress of the Japanese gas hydrate project.