



***JOIDES Resolution Facility Board Meeting
May 24-26, 2022 – Alexandria, VA, and Zoom***

Consensus Statements

Consensus 1: The JRFB recommends approval of the FY23 Program Plan as presented by the *JOIDES Resolution* Science Operator. The JRFB understands the JRSO's concerns about cost uncertainties related to widely fluctuating fuel prices and rising inflation, and supports the approach of maximizing the science to the extent possible.

Consensus 2: The JRFB recommends approval of the FY24 *JOIDES Resolution* schedule to drill proposals 895, 927, 985, and 979, pending availability of funding for four expeditions. If the schedule has to be adjusted due to demobilization or decreased funds, the JRFB recommends removing proposal 979.

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Consensus 3: The JRFB is impressed with the JRSO's resiliency as it ramped up ship operations over the past year and with its flexibility in managing the uncertainties and challenges of COVID-19. The JRSO has produced excellent science under difficult circumstances.

Consensus 4: The JRFB applauds the continued efforts of Lorri Peters and her IODP Publications Services team in making the results from scientific ocean drilling more accessible and discoverable. The increase in the number of views of the publications is impressive.

Consensus 5: The JRFB thanks the EPSP for its dedication and professionalism in reviewing safety for IODP. The JRFB applauds Barry Katz's continued leadership and the service of the panel members, most of whom are industry professionals, to IODP.

Consensus 6: The JRFB supports continuation of the services provided by SEP and EPSP to the ECORD Facility Board and *Chikyu* IODP Board through the end of IODP in September 2024.

Consensus 7: The fifty-plus year history of scientific ocean drilling has been one of joint international exploration of the oceans and addressing scientific questions. The JRFB recognizes the shared interest and desire of the international community for continued cooperation and scientific collaborations beyond the end of IODP in FY24. Fulfilling the promise of the 2050 Science Framework requires international cooperation, though we recognize that challenges for funding the next phase(s) of ocean drilling must be met and details of international coordination worked out. Nevertheless, we hope that international cooperation and collaboration remain the hallmark of scientific ocean drilling.

Consensus 8: The JRFB encourages NSF and the JRSO to continue to explore possibilities for extending the *JOIDES Resolution* beyond FY24 to minimize any gap in operations as the potential for a new U.S. drill ship is explored. Extending *JOIDES Resolution* operations is important for maintaining interest within the scientific ocean drilling community and for testing new approaches to and partnerships in addressing our science.

Consensus 9: If the operational period for the *JOIDES Resolution* is extended, the JRFB recommends that the IODP Science Support Office transfer submitted proposals to the new program after obtaining proponent permission. In that transfer, the JRFB recommends that proponents should submit an addendum stating how their proposal supports the 2050 Science Framework. The JRFB also recommends that proposals should retain their current status (e.g., at the JRFB = ready for scheduling), assuming successful review of the addendum.

Consensus 10: If the operational period for the *JOIDES Resolution* is to be extended, new proposal submissions would be needed to assure a robust proposal pool. The JRFB recommends that the first call for proposals begin on April 1, 2023, in this situation. The JRFB further recommends that the *JOIDES Resolution* continues working in the Atlantic Ocean in FY25.

Consensus 11: The JRFB received and accepted the draft guidelines for proposals that will address the 2050 Science Framework. The JRFB thanks Ken Miller, Lisa McNeill, and Charna Meth for developing the guidelines from the JRFB Working Group on Science Framework Proposals report. The JRFB recommends opening the draft proposal guidelines to the broad international community for comment. When soliciting these comments, the JRFB also recommends that the community be asked for input on how to improve the efficiency and rigor of the proposal review process.

Consensus 12: Given that scientific ocean drilling proposals take time to develop and review thoroughly and that a critical mass of proposals is needed to build efficient ship schedules, the JRFB recommends opening the submission and review processes for proposals that will use a new U.S. drillship when the ship is approved or approximately 5 to 6 years before operations are expected to begin.

Consensus 13: The JRFB is very grateful to Charna Meth and the IODP Science Support Office for organizing and supporting its very successful May 2022 hybrid meeting in the Washington, DC area. The JRFB could not have met its goals for this meeting without the IODP Science Support Office's efforts. In addition, the JRFB appreciates the IODP Science Support Office's encouragement to hold this meeting in a location that maximized the opportunities to interact with NSF personnel in-person.

Consensus 14: The JRFB bids Marguerite Godard *au revoir* with immense gratitude for her outstanding service to the Board and IODP over the past three years. Her extensive experience with scientific ocean drilling and her focus on the issues addressed by the JRFB have had a strong positive impact on the program. The JRFB highly appreciates and acknowledges the contributions Marguerite has made and thanks her for her selfless service to the international scientific ocean drilling community.

Consensus 15: The JRFB expresses its sincere thanks to Ryuji Tada for his service as a member of the Board. We regret that we have not had the opportunity to benefit from his in-person presence, but his active virtual participation and his vast scientific ocean drilling experience have helped advance discussions at each meeting. We send Ryuji our best wishes for his future and have no doubt that he will stay involved in scientific ocean drilling, guiding and assisting the community and its members with his expertise, knowledge, and supportive style.

Consensus 16: The JRFB thanks Mike Coffin for his willingness to serve recently as the ANZIC representative and for his insightful contributions during that time. In addition, the JRFB thanks Mike for his decades of service to scientific ocean drilling representing the United States, Japan, ECORD, and ANZIC in a wide range of capacities. His dedication to and passion for scientific ocean drilling have been evident throughout that time.

Consensus 17: The JRFB and the entire scientific ocean drilling community are extremely grateful to Jamie Allan for his extensive and outstanding contributions to the JRFB specifically, and to IODP and its predecessors more generally. Jamie's leadership of, and passionate support for, scientific ocean drilling has contributed significantly to the successes of the present program and to defining the paths toward scientific ocean drilling's future. On behalf of an international scientific ocean drilling community that has benefited tremendously from your service, we thank you for your efforts and wish you all the best in the next chapter of your life. Happy skiing!!!

Consensus 18: The JRFB grieves over the premature demise of Leanne Armand at age 53 from a highly aggressive cancer. Leanne was a major force in IODP from 2017 to 2021, both as ANZIC Program Scientist and subsequently as ANZIC Director. Her contributions to scientific ocean drilling were profound, as she ably guided the ANZIC Program Member Office through the ANZIC Ocean Planet Workshop and development of the 2050 Science Framework. Her enthusiasm for and engagement with international scientific ocean drilling were boundless, illuminating, and enlivening at every JRFB and

other IODP meeting she joined. The JRFB offers its sincere condolences to her husband, her two sons, other family, friends, and colleagues.

Action Items

Action Item 1: The IODP Science Support Office will close the JRFB's Request for Information. The responses were extremely useful in informing planning efforts for the next phase of scientific ocean drilling, including proposal requirements and capabilities for the next U.S. drillship. As many of these processes have moved onto next steps, additional responses to the RFI are no longer needed.

Action Item 2: The IODP Science Support Office will distribute the draft Statement of Task for the JRFB Working Group on Virtual Expeditions to JRFB members for comment.

Action Item 3: The IODP Science Support Office will post the draft guidelines for proposals that will address the 2050 Science Framework and will work with Ken Miller and Lisa McNeil to evaluate and incorporate comments into the next draft.

Action Item 4: The IODP Science Support Office will work with Barry Katz to develop a "best practices" document for any future panels, programs, review processes, policy documents, etc. related to EPSP's charge.

Action Item 5: The IODP Science Support Office will investigate how much of the digital data held in SSDB is present in other repositories.

Action Item 6: The JRFB Chair will inform the co-chief scientists of Expedition 395 that their alternate site request was approved by the JRFB.

Action Item 7: The JRFB requests that USSSP initiate a call for two non-U.S. members to replace Marguerite Godard and Ryuji Tada on the JRFB.