

NSF Report to ECORD Council

10/28/2015

United States Science Support Office Award

- NSF pleased to announce Lamont-Doherty Earth Observatory as new Awardee
 - Carl Brenner is PI and Office Director
 - Mo Raymo and David Goldberg are Co-PI's
 - 5-year award
- NSF is grateful to Ocean Leadership for providing the previous USSSP office for nearly 3 decades, providing a foundation for the success of ODP and IODP.

NSF Sea Change Response

- NSF/OCE supports Sea Change recommendations for JR operations
 - Implemented >10% reduction in NSF operational costs (about \$8M/year)
 - More efficient ship's track and cheaper fuel
 - Simplified JR management structure
 - Logging savings (some reduction in services, though all Schlumberger services retained)
 - NSF assumption of risk from fuel, equipment loss
 - Additional savings being pursued
 - New base contributions levels and CPP cost structure for next phase of IODP
 - Goal is for base partner contributions to cover 1/3 of costs

JR Operational level

- 8 months/year base level of JR ops in IODP
 - Examining possibility to move to 10 months/year base
- Cost avoidance from JR commercial work
 - Would permit additional and more complex expeditions
 - Would allow more funds for OCE core science programs
- Additional contributions from CPP's
 - Would permit additional and more complex expeditions
 - JOI FB stated intention of scheduling 5 JR Expeditions in both FY18 and FY19 if 878-CPP proceeds
 - Would allow more funds for OCE core science programs

JR Staffing

- In response to Sea Change recommendations, NSF intends to increase U.S. Science Party Members from 8 to 10 for upcoming JR Expeditions
- Those staffed under the Onboard Outreach Program will be considered members of the Expedition Science Party, with publishing responsibilities
 - USSSP-sponsored members included in the 10-person staffing figure

JR Facility Review

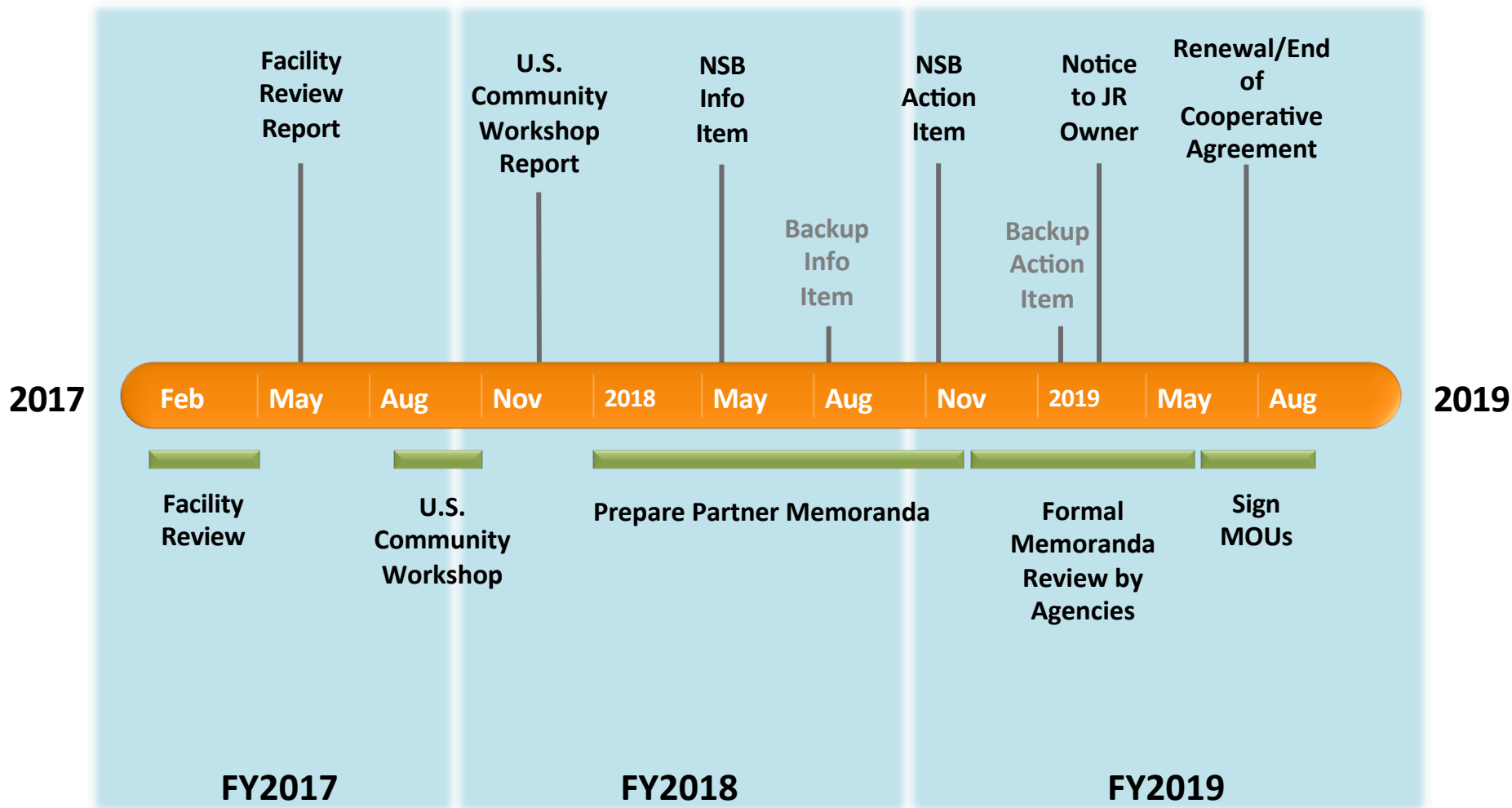
- 5-year Cooperative Agreement for JR operation requires annual and mid-award (3rd-year) reviews
- Reviews used in determination for renewal or re-competition of Cooperative Agreement, and for “mid-course” corrections
- Is an NSF Panel that will meet at JRSO
 - FY15 review February 24-26, 2016 in College Station
 - Several European scientists invited as panel members
- FY15 co-chief review February 22-23
 - Will make report to Panel

Language from Cooperative Agreement

- Performance of the JOIDES Resolution facility will be reviewed yearly by independent NSF Panel in consultation with the JR FB and IODP-TAMU.
- The JR FB will provide two members to serve on this Panel.
- Substantive, mid-award review by this NSF Panel will focus on IODP-TAMU management performance regarding JOIDES Resolution operations, and will occur in the third year of this Award to guide NSF renewal or re-competition decisions.
- Review of scientific progress in broader thematic areas will be conducted under the authority of the IODP Forum, an informal body with representation from all IODP entities.

JR Facility Review Panel

- NSF Selects Panel, in consultation with JRFB Chair and JOIDES Resolution Science Operation
 - 10 panelists, including Chair
 - 2 JR FB members
 - Facility experts within and outside scientific drilling
 - NSF pays panelist costs; panelists subject to NSF COI rules
- Panel Review and Scope follows NSF Large Facilities Office (LFO) Guidelines for Review of Large Facilities and the NSF JR CA Internal Management Plan
 - Report is to NSF
 - NSF ODP and NSF Budget, Finance, and Award Management staff attend all proceedings
 - Operates under Federal Advisory Committee Act (FACA) and Freedom of Information Act (FOIA)
 - Part- Closed Meeting (Executive Sessions)
 - Report is Confidential; will be shared with NSF Financial Partners and JRFB



MGG IODP Proposals

- The following have been funded by NSF MGG Program this fiscal year:
 - Reece (853Pre Crustal Flow Line MAR seismic)
 - Wallace (Hikurangi CORKs)
 - Wheat (North Pond Borehole Experiments)
 - Hickey-Vargas (Expedition 351 IBM Geochemistry)

JR Operational Plans

- See JRSO Report in Agenda Book