Inaugural meeting of the Ocean Observatories Initiative Facilities Board (OOIFB)

May 18-19, 2017 at the National Science Foundation 7th Floor - Room 730

Goal of meeting -

• Familiarize the Board with OOI, the role of OOIFB, and our Terms of Reference
• Discuss and agree on OOIFB activities thru May 2018
• Stay focused on the future

Read ahead material –

• OOI in General ([Link](#))
  o OOIFB Terms of Reference,
  o The National Academy Report “Sea Change”,
  o OOI Report ‘Closer Look’, and be aware of
  o Essential Ocean Variables effort at GOOS [LINK](#)
• OOI Components
  o A Strategic Vision for NSF Investments in Antarctic and Southern Ocean Research
  o Others to come?

Webex Log-in Information:

• Click on:
  • [https://unols.webex.com/unols/j.php?MTID=m9a68fb671c91fb8063aa2fa80c6565cf](https://unols.webex.com/unols/j.php?MTID=m9a68fb671c91fb8063aa2fa80c6565cf)
  • Meeting number (access code): 803 489 387
  • Meeting password: ocean2017
  • To join by phone:
    • 1-877-668-4490 Call-in toll-free number (US/Canada)

May 17 Wednesday - 7 pm informal dinner for whoever is in hotel. Come by even if you are late.

May 18 Thursday

Goal of Day One -

• Understand our Terms of Reference from NSF
• Develop common understanding of the OOI, its observing systems and the user interface to data and information.
• Review OOI science documents and determine path forward for updating documents
• Learn about past interaction with user community and determine future activities.
• Become aware of major issues such as how to keep OOI on cutting edge yet meet the long term science requirements; the impact of new technology; and determine OOIFB role.

Agenda

• 0800 Coffee
• 0830 Introductions
  o Welcome from OOIFB Chair – Larry Atkinson
  o OOIFB logistics - Annette DeSilva
  o Around the room introductions - short background from OOIFB members
  o OOIFB Terms of Reference Overview (Rick Murray)
• 0915 OOI Background relevant to OOIFB
  o Brief history of OOI focusing on initial vision, construction, O&M phase and now the transition – Larry Atkinson
  o Trends and Awards (including LTER) - Lisa Clough
  o The Transition/re-competition – Rick Murray
  o Deadlines/Critical Points in coming 2 years – Larry Atkinson
  o Who's who in OOI? - Atkinson
• 1000 Break
• 1015 Rationale, Status and Modifications of OOI Assets
  o 1015 Introduction by Greg Ulses (COL)
    ▪ SOC description and future activities
  o 1020 Coastal Arrays
    ▪ Endurance - Jack Barth (OSU)
    ▪ Pioneer - Al Pluddemann (WHOI)
  o 1050 Global Arrays - Sheri White (WHOI)
    ▪ Irminger Sea
    ▪ Station Papa
    ▪ Southern Chile
    ▪ Argentine Basin
  o 1120 Cabled Array - Deb Kelley (UW)
  o 1150 General Questions
• 1200 Lunch - Comments from each OOIFB member during lunch - immediate impressions - etc. Adjust agenda if necessary
• 1245 OOI Assets Continued
  o 1245 Cyberinfrastructure - Mike Vardaro (RU) - The system, the user interface, data management, user support and QA/QC.
  o 1330 Education – Mike Crowley and Sage Lichtenwalner (RU)
• 1345 Discussion - Questions, discussion, consensus statements, action items
• 1400 OOI science documents – past and future
  o Brief Review of documents with focus on ‘Closer Look’ – Atkinson
  o How are these documents used? NSF
  o Does OOIFB update “Closer Look” or what?
Possible actions

- ‘Opportunities in OOI’
- ‘State of OOI’ (What’s in the water?)
- A whole new ‘Science Document’,
- ‘Guidance/Use Principles’,

  - How operation and changes to OOI are driven by researchers: science plans, new technology and science requirements? What actions should OOIFB take?
  - How are these plans used going forward.
  - Action Items and Consensus Statements

- 1500 Break
- 1515 Examples of Research Community Engagement -
  - Introduction: OOIFB role in user engagement - NSF
  - Examples of User Engagement - Deb Kelley, Sheri White, Leslie Smith,
    - Types of user engagement – informational, outreach, technical
    - Current requests examples
    - How to accommodate requests - eg - ones that bring up compliance with permits. Sue Banahan has example from Pioneer.
    - Planned webinar, workshops, note - different components of OOI do this differently.
    - Data workshops, forums, special issues, town halls,
  - Modes of Engagement - Present and future - examples
    - RCN’s, workshops, awards – NSF
    - Broader impact activity in OCE proposals -
    - ad hoc user groups – are there any?
    - Operating institutions – their experience
    - CI – their experience
    - OOI leadership – their experience
  - Consensus statements and action items

- 1630 Review of progress, action items list, agenda changes, overnight assignments
- 1700 End of First Day
- 1800 Holiday Inn - Silver Leaf Restaurant (Upper Deck). We will order off the menu and separate checks are offered.

May 19 Friday (note - today's agenda may/will change)

Goal of Day Two – Discuss sub-panels and determine path to for CI sub-panel. Finalize consensus statements, action items and timelines.

- 0800 Refreshments
- 0830 Summary of yesterday, review of proposed agenda for today, go around table for comments, finalize agenda assuring we will fulfill our mandate
- 0900 OOIFB Sub-Panels
  - Background on sub-panels - NSF
  - Formation of Cyberinfrastructure sub-panel -
Goals of CI sub-panel
o How to select membership of sub-panel
o Initial meeting: before and overlapping OOIFB?
  o Consensus statement on CI Sub-panel
• 1015 Break
• 1030 Establish timelines, action items, assignments, next meetings, time line. And time for new topics.
• 1215 Wrap-up comments from OOIFB members and NSF
• 1230 Adjourn (box lunches)
• 1400 Several of us will remain at NSF to address any lingering issues.