Panel Questions Set 1

1. MREFC projects set a rigorous standard for cost and schedule accountability. How will OL Management ensure that the OI's and their respective Universities fully buy into and embrace these standards through the completion of the OOI MREFC? Walk through some real-world (OOI) management scenarios that include removal of IO scope, handling of cost overruns that do and don't exceed IO contingency, and managing a large (>10%) IO negative schedule variances. Include a scenario where one IO 's funding gets incremented at the expense of another. The scenarios should trace the decision process from identification to resolution including impact on O&M.

2. Education and Outreach is a key component of a successful MREFC. The project office has allocated $5 M for E&O activities. Each of the IO's will establish E&O programs. How will these activities be coordinated such that there is a consistent OOI E&O program?

3. The ideal process for an MREFC is Conceptual Design Review -> Preliminary Design Review -> Funding Request -> Final Design Review -> construction. The time frame between PDR and FDR can be 2 or more years allowing a significant level of additional design and planning to occur. OOI is unique in that it has already funding commitments from NSF. What would the impact be to the anticipated project schedule and budget if OOI was asked by NSF to complete a Final Design Review.

4. There are a number of subcontracts (partners) listed for cyberinfrastructure and a function flexible approach to development was put forward. How will cyberinfrastructure IO ensure delivery of critical components into an integrated coherent system? Who will decide which functions are flexible? What is the linkage between each of the IO engineering subsystems and the software design and development?

5. What scope was removed between CDR and PDR? Have all the easy cuts been made?

6. How are the respective Project Governance structure's for the Cyberinfrastructure, CGSN, and RSN matrixed within the OOI? We would like to see a joint response from the three IO PI's

7. Is there a defined plan for science vs. maintenance trade off decisions.

8. Given that OOI O&M will be competed once the OOI is operational, how will the OOI Project Team and the individual IOs ensure a successful transition of the OOI to new management and maintain the operational status of the OOI.

9. Where does the buck stop for getting the science out.