

**IceCube Science Advisory Committee
Meeting of May 20-21, 2009**

Charge Questions:

Construction Endgame

1) Should the deployment of the final nine strings be optimized to enhance the energy reach of the detector as currently proposed, i.e., HEE86, and what should be the criteria?

M&O Plans

2) What general improvements should be made to the current M&O plans as described in the 5-year M&O proposal and the institutional MOUs?

3) Is the IceCube response to the SAC recommendations on software and computing appropriate, in particular, the plans for addressing the increasing data rates?

4) Comment on ongoing use of data challenges.

Analysis Plans

5) What general improvements should be made to our organization and manpower for data and physics analysis as described by the analysis coordinator and others?

6) Comment on our plan for obtaining and presenting physics results and publications as summarized in the presentations.

7) Comment on our new multi-wavelength efforts with LIGO and ROTSE.

Future Plans - R&D & Post MREFC Improvements

8) Should IceCube prepare detailed plans and proposals for a high energy extension, i.e., HEE110?

9) Is the progress and plans on radio likely to converge on an appropriate technology and deployment plan?

10) What are the appropriate next steps for acoustic R&D?

11) How should the R&D program be structured to allow maximum exploitation of the IceCube facility now and into the future?