

# DRAFT AGENDA MILLIMETER ARRAY COST REVIEW

*NRAO, Charlottesville, VA  
7-9 July 1999*

## Wednesday, July 7

- |       |   |                     |
|-------|---|---------------------|
| 08:00 | <b>Executive Session</b>  |                     |
|       | Welcome and Charge  | R. Eisenstein (NSF) |
| 08:15 | <b>Open Session</b>   |                     |
|       | Welcome and Introductions   | R. Eisenstein (NSF) |
| 08:30 | The MMA as a NRAO User Facility                                       | P. Vanden Bout      |
| 08:45 | Science Requirements: MMA Discovery Space                             | A. Wootten/G. Blake |
| 09:30 | Technical Requirements for the MMA: The<br>U. S. Reference Project    | R. Brown            |
| 10:00 | Methodology for Developing and Costing the<br>U. S. Reference Project | R. Brown            |
| 10:30 | <b>Coffee</b>   |                     |
| 11:00 | Costing the Level-1 WBS Tasks   |                     |
|       | Project Administration  | R. Brown            |
| 11:30 | Site Development  | M. Gordon           |
| 12:00 | Antennas  | P. Napier           |
| 12:30 | <b>Executive Session</b>  |                     |
| 12:45 | Lunch (at NRAO)   |                     |
| 13:15 | <b>Open Session</b>   |                     |
| 13:15 | Costing the Level-1 WBS Tasks (continued)                             |                     |
|       | Receivers   | J. Webber/G. Moorey |
| 13:45 | Local Oscillator System   | J. Webber           |
| 14:15 | IF System   | W. Brundage         |
| 14:45 | Fiber Optics System   | W. Brundage         |
| 15:15 | Correlator  | J. Webber           |
| 15:45 | <b>Coffee</b>   |                     |
| 16:15 | Computing   | B. Glendenning      |
| 16:45 | System Integration  | D. Emerson          |
| 17:15 | Calibration and Imaging   | A. Wootten          |
| 17:45 | Parametric Cost Summary   | R. Brown            |
| 18:00 | <b>Executive Session (30 minutes)</b>                                 |                     |
| 19:00 | Dinner (for all meeting attendees)                                    |                     |

## **Thursday, July 8**

08:00 **Executive Session**

08:30 Morning Breakout Sessions (run concurrently):

- Project Administration
- Antennas
- Fiber Optics System
- Correlator
- System Integration

11:30 **Executive Sessions:** Reviewer discussion and 1-page summary writing

12:30 **Executive Session: (all; working lunch at NRAO)**

13:00 Afternoon Breakout Sessions (run concurrently):

- Site Development
- Receiver
- Local Oscillator
- IF System
- Computing
- Calibration and Imaging

16:00 **Executive Sessions:** Reviewer discussion and 1-page summary writing

17:00 Breakout review group meetings with MMA Division Heads

18:00 Dinner [for all meeting attendees; MMA group working dinner]

## **Friday, July 9**

08:30 MMA Division Heads' Response to Variance Reports

09:00 **Executive Session:**

- Review and refine written reports for each WBS Level-1 area

11:00 (approx) Exit Discussions with AUI/NRAO Management and MMA Heads

12:00 Working Lunch

14:00 (approx) Exit Discussions (continued)

- Writing assignments for final report to NSF

15:30 (approx) Adjourn