

EVLA Feed CDR

17 February 2005

NRAO - Array Operations Center
Auditorium

Agenda

- 7:30 am BREAKFAST (Breakfast Burritos, Fresh fruit tray, Assorted Bagels & Muffins)
- 9:00 am 1) Charge to the Panel (Napier)
- 9:10 am 2) System Requirements (Hayward)
- 3) Completed Feed Designs:
- 9:25 am 3a) L-Band (1-2 GHz) Feed
- Design (Srikanth)
- EVLA Antenna Tests (Perley)
- 9:55 am 3b) C-Band (4-8 GHz) Feed
- Design (Srikanth)
- EVLA Antenna Tests (Perley)
- 10:20 am 3c) Ka-Band (26.5-40 GHz) Feed (Srikanth)
- 10:30 am BREAK
- 11:00 am 4) Feeds Currently Being Designed (Srikanth)
- X-Band (8-12 GHz) Feed
- Ku-Band (12-18 GHz) Feed
- S-Band (2-4 GHz) Feed
- 11:15 am 5) Feed Cone Design (Ruff)
- Feed Circle
- Feed Cone Details
- Feed Mounting
- Feed Heaters
- 11:30 am 6) Existing High Frequency Feeds (Dinwiddie)
- K & Q-Band Feed Modifications
- 11:40 am LUNCH

- 1:30 pm 7) Fabrication & Mass Production Plans for Laminated Feeds (Dinwiddie)
- L & S-Band Fabrication
- 1:45 pm 8) Fabrication & Mass Production Plans for Machined Feeds (Ruff)
- C, X, Ku, Ka-Band Fabrication
-
- 2:00 am 9) RFI Issues (Mertely)
- Requirements, Test Methodology and Results to Date
- 2:15 pm 10) Feed Testing Plans (Jensen)
- 2:30 pm 11) Miscellaneous Topics
- Feed Radomes (Hayward)
- Pressurization for Moisture Reduction (Dinwiddie)
- 2:40 pm 12) Project Schedule & Budget (Hayward)
- 2:55 pm 13) Bonus Presentation: 1-2 GHz EVLA OMT Test Results (Lilie)
- 3:05 pm 14) General Q&A Session
- 3:25 pm BREAK
- 3:45 pm 15) Closed Door Review Panel Discussion
- 4:45 pm 16) Exit Meeting
- 6:00 pm Dinner at El Sombrero

A visit to the VLA Site will be arranged on Friday to tour an EVLA Antenna.