

AGENDA
EVLA Advisory Committee Meeting
March 19-20, 2009
Socorro, NM

Thursday, March 19, SOC Auditorium

- 0815-0845 Executive session
- 0845-0900 Charge to the committee – Lo
- 0900-0940 Project overview and status – McKinnon
- Project goals
 - Organization and staffing
 - Progress since last meeting
 - Budget and schedule
 - Contingency and risk register
- 0940-0955 Electronics outfitting, integration, and testing – Jackson/Durand
- Module production status
 - Round trip phase
 - Phase stability and thermal issues
 - Module maintenance tracking
- 0955-1010 High speed samplers – Durand/Revnell
- Sampler chip testing and delivery
 - Sampler board test results
 - Board design issues
 - Deployment
- 1010-1040 Resolution of receiver technical issues – Hayward/Coutts/Srikanth/Stennes
- Overview: technical status of receiver bands
 - L, S, and C-band OMTs
 - Progress on X-band OMT
- 1040-1100 **Break**

Thursday, March 19, SOC Auditorium (cont'd)

1100-1125 System performance to project requirements – Perley

- Examples of system performance
- Receivers
- Bandpass flatness/stability
- RFI tolerance
- Polarization

1125-1200 Correlator status – Dougherty

- Overview
- Progress
- Production review
- Budget and schedule

1200-1300 **Lunch (Committee Executive Session)**

1300-1320 Prototype correlator testing – Rupen

- Description of prototype correlator
- Test plan and results

1320-1345 Transition to science operations – Dickman

1345-1400 Science commissioning - McKinnon/Chandler

1400-1425 EVLA first science: shared risk observing – Chandler

- EVLA capabilities in 2009-2013
- Description of shared risk programs

1425-1445 Software overview – Butler

- Organization and staffing
- Requirements
- Overlap with ALMA SW development
- Schedule: short and long term plans

Thursday, March 19, SOC Auditorium (cont'd)

1445-1515 **Break**

1515-1535 Monitor and control software – Butler

- M&C overview
- Correlator throughput and data rates
- Systems integration of prototype correlator

1535-1555 Software for Science Support Systems – Harland/Butler

- Overview of SSS design
- Status of major software tools

1555-1625 CASA – Glendenning

- Reorganization and staffing
- EVLA requirements
- Overall status of CASA
- New features

1625-1645 Current transition observing and science – Chandler

- Status
- Observer impacts and strategies
- Examples of interim science

1645-1730 Executive session

1800- **Dinner at El Sombrero**

Friday, March 20, SOC 317 (conference room)

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|-----------|---|
| 0830-0900 | Executive session |
| 0900-0915 | Second meeting of Science Advisory Group for EVLA (SAGE) – Lo/Perley |
| 0915-0935 | Correlator growth path – Rupen |
| | - WIDAR-0 |
| | - Growth path |
| 0935-1005 | Science use cases – Perley |
| 1005-1035 | Observatory Science Operations – Chandler |
| 1035-1105 | Break |
| 1105-1135 | Recent progress in EVLA-specific algorithms – Bhatnagar/Rau |
| 1135-1200 | Organization of algorithm development – Dickman/Owen |
| | - Requirements |
| | - Organization and staffing |
| 1200-1300 | Lunch |
| | lunch talk: "Multi-frequency synthesis imaging with wideband EVLA data" - Rau |
| 1300-1500 | Executive session |
| 1500-1600 | Exit interview |