

**NATIONAL RADIO ASTRONOMY OBSERVATORY**

Charlottesville, Virginia

1985 January 12

To: Coordinating Committee  
From: Paul Sebring  
Subject: Notes from CC Meeting, 1985 January 11

Participants

NRAO-CV	Hvatum, Chairman Benson, D'Addario, Balister, Porter, Romney, Thompson, Sebring
VLA	Bignell, Clark, Napier, Walker
SOC	Horne
GB	Kellermann, Peery
Caltech	Ewing, Fort, Kator, Seling
Haystack	Rogers

1. Action List, Update of 85 Jan 2

1.1. Project Book Update. Larry reports Dick Thompson's section is still not in, and perhaps one other. However, he requests that a new update deadline be established for sometime after the forthcoming review and workshop meeting in Socorro, since many new decisions should result from that meeting.

1.2. 2-16 GHz Synthesizer Breadboard. Dick reports that Bob Mauzy has completed this assembly, but that it is not yet fully working. He suggests that the present item be considered complete, and that a new deadline for full operation of the breadboard be established for about one month from now. Action list should reflect this.

1.3. Specify Details of Correlator Output. Benson reports that what is to be kept has been agreed upon, but that the agreements need to be written down. A memo will be prepared, and a corresponding update will be entered into the Project Book thereafter.

1.4. Atmospheric Tests, Hawaii Site. Dave Hogg not present, but Buck reports that the tests are proceeding. Some data are available, but no analysis has been done. He suggests a new completion date of Feb. 1.

1.5. AOC Design Concept. Buck reports no decisions yet. NMIMT has reserved a spot. Ops. Memos 6 & 7 have space requirements of 30,000 sq. ft. - too much for the budget. Buck predicts a three-story building. Suggests we might reduce the number of offices and eliminate the meeting room, the cryo lab, the business room, etc. Should discuss in Socorro.

1.6. Final Monitor/Control Documentation. Barry reports that this item will be complete for discussion by the time of the Socorro workshop. His new computer has been delivered, and he has been preoccupied with that, since it will be an important item in developing the new M/C system.

1.7. Propose Software Standards. Barry reports delay, since Jay J. was helping him with this. Marty says he is not sure what they should be working toward, but that T. Pearson has submitted a note on this - which no one has as yet reviewed. Walker says Computer Coord. Committee put item on the list in the hope of setting common coding and documentation standards. Perhaps this, too, can be discussed a bit at Socorro.

1.8. Propose Operator Interface. Bignell will put out a note on this. Apparently there are now definite ideas.

1.9. Comment. Horne is working up additional items for the Action List driven by the developing schedule for the antennas.

2. Budget: Cost controls. Hein stated that the figures coming to Susie for preparation of the monthly budget status report do not accurately reflect the anticipated "cost to complete". Groups must estimate more carefully, or he may have to freeze purchases because the money is not available.

3. Socorro Design Review. Larry presented the tentative plan for this review, prepared by him and Peter Napier. The writer noted the following comments:

1) Larry said there will be a Viewgraph projector available. Also, pertinent memos will be available so that participants need not take their own copies of everything. Each group leader should come with a list of questions needing resolution. A list of participating attendees will be put into the VLBA area in the VAX. Attendees should make their travel arrangements through Carolyn.

2) Rogers suggests less time for the record/playback design, since most questions were resolved at a recent meeting at MIT. Only unresolved questions should be worked on. Also, he and Marty feel that questions on the playback/correlator interface can largely be resolved between Haystack and Caltech without the need to take up everyone's time. This item should be scaled back also.

3) Marty proposed a review of observing modes.

4) Craig suggested a Post-Processing workshop item.

5) Ken wanted to see a workshop on the design of the Station Building. Some felt that this would take an inordinate amount of time, and that Buck has the needed inputs and should be able to establish a reasonable design at this time.

4. Memo on MIT Meeting on DRS/DPS Design. Rogers is anxious to see this memo finalized. Larry responded that the last version was satisfactory to him. It will be issued in the general series.

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