

Interoffice

National Radio Astronomy Observatory

Green Bank, West Virginia

ADDITIONAL BASELINE TO INTERFEROMETER
MEMO No. 195

To: Monterville Committee

December 1, 1983

From: R. Fleming

Subject: Monterville Progress Meeting - 12/1/83

Meeting was held at 10:30 a.m., December 1, to review the progress and schedule of events for completion of the drive system, link, and computer test for the new baseline.

The following were in attendance at Green Bank: R. Fisher, R. Fleming, D. Hovatter, L. Howell, B. Peery, J. Ralston, M. Balister, R. Lacasse, F. Crews, and J. Coe. In Charlottesville was B. Meredith.

R. Fisher asked for a progress report in the various major tasks.

Contract, Site. Completed.

Link Design and Construction. J. Coe reported that the link is stable and the path to the site looks good. Needs approximately one week to test the path from the site and finish up some small things. No big problems and everything is coming together nicely. By the end of next week will be ready to send data over the link.

Digital Link. R. Lacasse reported that all bits and pieces are ready. Have been tested over link to site. Still needs to run some test from site to Green Bank. Has interfaced system to 116 computer.

Inductosyns are checked out and ready to install on antenna. Wants to wait and install after link tests are completed. R. Weimer needs about one afternoon to finish test on link return path.

RF Electronics/Backend. J. Coe reports everything is completed, tested, and ready to go to the site.

Computer Programming. B. Meredith reported that G. Conant was in and worked during 14-20 November. Conant said that the fifth and final contract trip could be 14-21 December. He needs only one week to finish.

Control System. F. Crews reported that there is still some work left to be do to the control package. Should be ready to move to the site at the end of next week. Still have two-three days of wiring to do. If moved to the site on the 9th of December, could have system installed and working by 13 December.

He has enough people to install inductosyns, front end, and control system by 13 December.

Telescope Accessories. L. Howell reported everything is complete and ready to be put on the link.

Conclusion and Mutual Agreement.

1. Link may be pacing item.
2. Move everything to site on December 9. Includes inductosyns, controller, and front end.
3. Integrate all systems during week of 11 December.
4. Tentative date for G. Conant to start work in Green Bank is 16 December.
5. Any major delays that may effect G. Conant's arrival should be communicated to R. Fisher ASAP.
6. Pointing will be done after system integration and G. Conant finishes with computer control.
7. R. Fisher will call P. Angerhofer and set up USNO people to come to help with final testing, possibly during week of 19 December.

No date set for next meeting.

RLF/baw