

National Radio Astronomy Observatory

MEMO No.

140

Green Bank, West Virginia

To: Monterville Project Committee

June 24, 1981

From: R. K. Moore

Subject: Committee Meeting - June 24

This meeting was called by Rick Fisher to discuss the latest developments of the Navy antenna project. Present in the Green Bank lecture room were; R. Fisher, F. Crews, G. Peery, L. Howell, J. Ralston, D. Hovatter, R. Weimer, J. Coe and R. Moore. Absent S. Smith. Present in Charlottesville were; M. Balister for the full meeting and H. Hvatum for approximately the last half of the meeting.

Specs and RFP. R. Fisher asked for a review of the specs and the RFP. G. Peery indicates that the specs were complete and had not been changed since the visit to the potential vendors. R. Moore reported that the RFP had been mailed to 8 potential vendors on June 23. A ninth vendor is scheduled to personally pick up the RFP this date (Scientific Atlanta). Reference memo #139.

Funding. R. Fisher indicated that funds currently available to the NSF were possibly insufficient to cover the purchase of the antenna; however, NSF felt that small additional amount over the \$420,000 currently on hand from the Navy could be temporarily covered by the NSF. He further stated that an additional 400K was in the process of being transferred from the Navy to the NSF. A total of 1.2 million is anticipated for the total project in new money.

Some discussion ensued concerning the authority for commitment of funds on this project. R. Fisher stated that the final commitment list for the project had not been established as yet, but that the funding would be broken down into Telescope, Site and Link. He further stated that any purchases being made for the new project out of current operating funds would be approved in the usual manner by those having proper commitment authority. D. Hovatter will look into a project and task accounting system with number assignments with appropriate members of the committee.

Acquisition of Property. R. Moore briefed on the status of obtaining property for the Monterville antenna site and the link station on Cheat Mountain. He stated that draft leases were currently in hand and had been cleared with T. Riffe. On June 15 a draft of the lease for the Monterville site was presented to Mr. James Vogel for his consideration. Subsequently Mr. Vogel escalated an initially estimated annual rate of \$1,000 for the property to \$2,900 for the first year and \$2,400 for the other four years of a five year lease. This prompted us to investigate the possibility of an alternate site. A site was located on property owned by the Grafton Coal Company and their Leasing Agent, Fred Kunzelman, has been asked by letter and by a telephone call for the availability of approximately 40,000 sq. ft. of Grafton's property for a possible location for the antenna site. We have not received a reply as of this writing. A follow-up will be made within 2-3 days.

The draft lease for the Cheat Mountain link site has been sent to Mower Lumber Company for their consideration. Mr. Bryant called in 3 proposed changes which they intend to put in the lease. None of their proposed changes would interfere with our use of the property. The draft will be given to Mower's attorney and he will prepare final language and send back to us. They have not committed themselves to us on a price for the property. We anticipate less than \$1,000 per year.

Electric Power. R. Moore reported that we have received a letter from the Monongahela Power Company concerning their installation of power at the Monterville site. G. Peery was provided a copy of the letter and will contact the power company for clarification on single vs. 3 phase power. We will delay further action on this matter until we have received response from the RFP.

Link Design & Construction. J. Coe reported that a site had been located on the GB NRAO property for the installation of a reflector required in conjunction with the new link. Maintenance Division has been requested to clear the site. Calculations have been made on interference level for the new link. The RFP for the reflector required for upgrading of the Huntersville link has been submitted to potential bidders. One bid only was received but appears satisfactory.

Computer Programming. Since B. Meredith was not available at Charlottesville little discussion was held concerning the computer programming. R. Fisher indicated an urgency to get rolling on this matter and pin down the Navy on how we are to proceed in this very important area. Klepczynski is due here in July and will be pressed at that time for a course of action and personnel requirements to carry out the programming.

Telescope. F. Crews reported that the Sterling Mount that we hoped to use with the new antenna is in Green Bank and appears useable. It does need upgrading and some funds will have to be expended for this purpose.

Property Accountability. D. Hovatter reported that he had not completely resolved how the property would be handled; however, it is his intention at the moment to isolate a block of tags for use on material required for the Navy project so that it could be identified and accounted for at any time. A system for handling the property will be discussed and cleared with T. Riffe in the near future. (Don will also discuss with T. Riffe the charging of current operating funds for NRAO personnel as it relates to the new project. R. Fisher emphasized the importance of clearing up this point.)

Project Flow Chart (Memo #138). The flow chart (Memo #138) was discussed and some changes were made in the link portion, contract monitoring phases and site preparation. Times must be established for the flow chart functions. This will be done by R. Fisher in conjunction with G. Peery, F. Crews, R. Weimer and J. Coe. The chart will then be discussed with H. Hvatum and run off in Charlottesville to establish the number assignments.

At this point a discussion developed concerning manpower and priorities as it related to the 12 meter telescope and the Navy project. H. Hvatum emphasized that the 12 meter telescope has top priority. At this point G. Peery indicated that he will be very hard pressed to handle both projects with the Engineering staff he now has. In order to meet the requirements of both, additional personnel would very possibly be needed. It was agreed between R. Fisher and H. Hvatum that the flow chart of the two projects will be compared in Charlottesville the latter part of week 29 June to include the definite manpower requirements for both projects. After the comparison, any additional personnel requirement, including engineer assistance, and the possibility of other service personnel will be determined and action taken as appropriate to acquire the people needed. At this point the "mechanic" assistance required for the 12 meter and the Central Shops was discussed and it was decided that this would be addressed by H. Hvatum and R. Fisher at their meeting next week.

R. Fisher stated that the next meeting should be in the time frame of the receipt of the RFP of the antenna, which is the 30th of July. He said he would issue a notice for a meeting a week in advance so that everyone concerned could attend. The meeting was adjourned at about 3:00 pm.

RKM/baw

APPROVED:

J. R. Fisher