

Interoffice

National Radio Astronomy Observatory  
Green Bank, West Virginia

MEMO TO INTERFEROMETER  
MEMO No. 154

To: Monterville Project Group

November 10, 1981

From: R. K. Moore

Subject: Minutes of November 9 Meeting

Meeting was called by R. Fisher to bring all concerned up to date on the latest developments concerning the Monterville project. Present in Green Bank were: R. Fleming, R. Fisher, S. Smith, A. Steinemann, J. Coe, L. Howell, B. Klepczynski, B. Peery, D. Madron, J. Ralston, R. Lacasse, F. Crews, and R. Moore. Present in Charlottesville were: H. Hvatum, M. Balister, B. Meredith, and J. Marymor.

Rick commenced the meeting by a discussion of the pert chart which he had revised and distributed for comment. He ran through what he considered the critical path areas and asked for comments. After some discussion concerning completion dates of various projects it was suggested by H. Hvatum that Rick review the chart to clarify a number of issues and particularly completion dates.

Rick requested an update on the antenna procurement. B. Peery indicated that the contract had been signed by all concerned and we were in a go position. A proposed progress payment schedule has been proposed by the contractor. It has been reviewed by NRAO and the contractor is being notified by letter that we agree with the conditions. Those conditions are in a letter dated 6 November from R. Fleming to the contractor. It will become a numbered memo.

S. Smith was asked to discuss the site layouts and their status. Sidney has prepared drawings and sent these drawings to various members of the group for review. Drawings were present and no comments were made by attendees concerning them. Rick said that he had been to the site during the past week and considered it to be an excellent location.

Status of leases and approach permit were discussed by R. Moore. He stated that NSF had the proposed leases and they were being reviewed by the NSF Council's Office. J. Marymor reported that NSF was concerned that there be no implication of permanency to this site, otherwise the land should possibly be purchased. B. Klepczynski has agreed to write a letter in the immediate future stating that the Navy considers this telescope location to be temporary in nature and that it very well may move within five (5) years. There were additional comments concerning equal employment opportunities, etc. that needed to be added to the leases. An amendment will be prepared by J. Marymor for approval by the lessors. A permit application has been filed with the State Road Commission for an approach onto Rt. 15 from the telescope site. No problem is anticipated in obtaining the permit. It will be examined in the current week by the State Road Commission and we expect an answer to our request in the near future.

B. Peery will furnish R. Moore with power requirements and date we require power at the site. R. Moore will make necessary arrangements with the power company. It was indicated that we will have to spend somewhere between \$8,000 to \$12,000 to get the power that we require.

B. Klepczynski was asked if he could furnish any information on the third 400K due from the Navy. B. Klepczynski indicated that the money should be available soon and it would possibly be allocated in 100K increments commencing the first quarter in 1982. However, it could possibly be transferred in one lump sum. We have not seen a contract change notice furnishing AUI with the second 400K at this point.

Memo 149 was discussed by Rick indicating that for now the budget for the first 420K would be revised as we have more funds. At this point R. Moore asked Rick who was authorized to commit funds against this project. A discussion ensued which indicated that this matter needed some attention and Rick agreed to get with D. Hovatter and publish a list in the near future.

The microwave link design was discussed by J. Coe, who indicated that he was considering two approaches to the technical aspects of the link construction. He will ask Rick to assist him in evaluating these two approaches. Jim indicated that he would like to evaluate the performance of the new 45' reflector before asking for bids on number 1 and 2 reflector for Cheat Mountain.

B. Meredith was requested to report on computer programming and he indicated that B. Klepczynski and himself had met with G. Conant concerning his availability to help in this matter. He indicated that George would give an answer shortly after the first of the year as to whether he will be available to work with us. B. Klepczynski indicated that the Navy is willing to help in any way concerning computer programming including doing it themselves if NRAO does not desire to do so. It was agreed that this decision would be made after George Conant gives his answer.

F. Crews was requested to report on the telescope accessories. L. Howell reported that the equipment trailer was being worked on by the Maintenance Division and all carpentry work was completed. The electrical and plumbing work will be done during the winter as time permits. Surplus sterling mount previously used on the 140' telescope is now being worked on in Central Shops.

J. Marymor reported that Modcomp would not support Modcomp II after January 1982. This could cause problems in spare parts support somewhere down the line. B. Klepczynski mentioned that the Navy was contemplating the purchase of a used Modcomp II to replace the on-line DD116 at the Interferometer.

The meeting ended approximately 2:15 and no date was established for a subsequent meeting.

RKM/baw