

National Radio Astronomy Observatory

Green Bank, West Virginia

ADDITIONAL BASELINE TO INTERFEROMETER

MEMO NO.

147

To: Monterville Project Group

October 1, 1981

From: R. Fleming

Subject: Committee Meeting - September 28, 1981

Present in Green Bank: R. Fisher, B. Peery, J. Coe, R. Fleming, H. Howell, S. Smith, M. Haynes, D. Hovatter, R. Lacasse, D. Madron, and R. Weimer.

Meeting was called by R. Fisher to discuss the current situation and progress concerning the additional baseline to the Interferometer. R. Fisher asked D. Hovatter to comment concerning property control and accounting procedures. D. Hovatter asked for comments or questions concerning the chart of accounts established for this project. There was no response or comments from the group. He said he wanted people's "time" on this project since 1 September. Travel charges should be reported since this is direct cost and not overhead. D. Hovatter and R. Fisher agreed that R. Fisher will work on a breakdown of the allocation of money for this project. D. Hovatter said that as many items as feasible should be identified by using the red tags for property control, even if the item is less than \$500.00.

R. Fisher asked for comments or corrections to Memo 143 (minutes of last meeting). There were none. R. Fisher asked for comments or corrections concerning Memo 144 (Account and Project Number Use). There were no comments. R. Fisher asked for comments or corrections concerning Memo 145 (Antenna Procurement and Project Status). R. Fisher also asked for comments concerning the flow charts or critical path charts and asked that everyone look these over closely and let him know of any changes or corrections.

R. Fisher gave an update on Navy to NSF to AUI money transfers and on antenna contract progress. He also told everyone to proceed with long lead time items. Items costing more than \$10,000 should be discussed with R. Fisher prior to placing orders.

R. Fisher asked B. Peery to give an update on antenna specifications, scope of work and committee recommendations. B. Peery commented on paint vs galvanized steel on parts of the antenna, cable wrap, and cable roller requirements, removeable trim weights included as part of the counterweight, double-ended drive motors would be supplied, modifications of focal point to accommodate NRAO front end box and Sterling mount, and a slip clutch included in the gear box. B. Peery said that the paint proposed for the antenna by TIW was acceptable to engineering and he would discuss it with F. Crews. The amount quoted for the pedestal enclosure was too high therefore the pedestal enclosure would not be included in the contract.

R. Fleming briefly discussed vendor selection progress and where NRAO currently was in this process. R. Fleming and R. Fisher reminded the group this process and information contained in vendors' proposals could not be discussed with any vendor or their representative. The vendor would be given a briefing once a contract was signed.

R. Weimer briefly discussed the needed servo system and it was agreed that design would wait until an antenna vendor was selected and contract signed.

S. Smith discussed the two proposed antenna sites (Vogel, Grafton). He covered the advantages and disadvantages of each and said at this time it appears that the Vogel site is the best but we still have not received some information and written rental prices from Grafton and when R. Moore returns October 6 that the site selection would be wrapped up.

J. Coe briefly discussed the microwave link design and the rf design for the receiver. He said things were progressing on schedule.

R. Fisher discussed the computer programmer workload and said that B. Meredith and B. Klepczynski were to meet with G. Conant and finalize plans.

L. Howell discussed the work being done on the trailer office as to insulation and sheet rock or paneling. He discussed the Sterling mount and said that some of the small parts needed were in and the steel for the guide bars had been ordered. He said that T. Hamed had redesigned the gear box so that a position readout would be available.

R. Fisher asked for additional comments. There were none and the meeting was adjourned. Next meeting will be in approximately one month.

RF/baw