

National Radio Astronomy Observatory

MEMO No. 183

Green Bank, West Virginia

To: Monterville Project Group

October 4, 1982

From: R. L. Fleming

Subject: Monterville Progress Meeting - October 4, 1982

The meeting was called by R. Fisher (Memo 182) to review progress of the project and discuss the updated schedule and flow chart. Also to be discussed was project funding and revised antenna delivery and completion schedule.

Present in Green Bank were R. Fisher, B. Peery, S. Smith, L. Howell, D. Hovatter, J. Coe, F. Crews, R. Fleming and R. Weimer. In Charlottesville B. Meredith.

R. Fisher reported that the funding situation with the Navy's 4th quarter money was back on track and that AUI still only has first two quarters money but the last two quarters funding has left the USNO. The Navy has also said that there is \$320K in the Navy 83 budget which brings the total amount spent and allocated to \$1.54 million. This is the NRAO budget amount less the 15% contingency. In addition, the Navy has budgeted for operations of the Interferometer in the 83 budget and everything will come to NSF by quarters as in the past.

B. Peery and R. Fleming reported that the contract changes (Memo's 180, 181) have been accepted by TIW. The bearing has been machined and inspected at the plant in Germany and as of today is in shipment to Canada. TIW will check out assembly in Canada and ship to the site this fall. TIW will then assemble the antenna this fall/winter. They will use their erection crew already working on a Northern W.Va. antenna site.

S. Smith reported that the NRAO portion of the antenna site was 98% complete. There was a small amount of work to do at the Green Bank site reflector location and that the reflector will be installed at the Cheat Mt. site on Wednesday of this week. The Control Building dish and work on the building to accept the dish will occur over the winter. The reflectors at the Green Bank and the Cheat Mt. sites will be aligned with a transit this fall. J. Coe reported that the link design and construction was approximately 5% complete. Estimates that the system will include 8 drawers of electronics and 2 packages in the front end box. Some subassemblies have been started.

B. Meredith reported that G. Conant has done some work on the computer programs and he now is in need of link servo and telescope specs. R. Weimer, F. Crews and L. Howell said they will work on these and supply necessary specs. R. Weimer reported at this time he thought that we would be talking 2 separate computer outputs and that the new link will have a different design because of

the alternating transmit/receive feature. He hoped to have some information to G. Conant in about 2 weeks. R. Weimer also reported that work was being done on the readout systems.

F. Crews reported that everything was ordered and/or received for the telescope accessories portion of the project.

D. Hovatter reported that there was nothing new concerning property and accounting.

R. Fleming reported that permission from NSF to purchase a 4x4 vehicle for the project had been received. Specifications for various 4-wheel drive pickup trucks were being looked at and a decision would be made soon.

The meeting was adjourned and no specific date was announced for the next meeting.

RLF/jsw