

National Radio Astronomy Observatory

Green Bank, West Virginia

To: Files

From: R. K. Moore

Subject: Meeting with Navy Representatives

February 22, 1980

ADDITIONAL BASELINE TO INTERFEROMETER

MEMO No. 119

A meeting was held this date to discuss our progress concerning the study for the extension of the baseline to the interferometer system. The following were present: B. Meredith, J. Coe, R. Weimer, F. Crews, G. Peery, R. Moore, L. Howell, and B. Klepczynski, USNO.

Site: Task group members briefed Klepczynski on their progress to date concerning a proposed site for the antenna and reflector sites for the microwave link. The business aspects of exploring the availability of property for the reflector sites was explained and it was made clear that no commitments had been requested or received concerning the land as of this date.

Telescope: The task group explained that the use of a surplus telescope had been eliminated and that we did not propose to recommend it as an alternative. The choices proposed by the task group would be to (1) move 85-3, or (2) buy a new telescope. It was made clear to Klepczynski that the task group leaned heavily toward the purchase of a new telescope. Some budgetary estimates had been received from three (3) suppliers for a new telescope. These estimates varied to the degree that we did not consider them valid but from the estimates we feel that a new telescope, on our foundation, will approximate 300K. This does not include electronics, etc.

Microwave Link: J. Coe gave a rough estimate of 140K for material only to support the microwave link. He stated that he was not prepared to estimate manhour requirements in terms of money at this time.

Computer: It was explained that the task group favored ^{retaining} obtaining the DDP 116 system. It was agreed the data analysis system would not be considered in this study. B. Meredith, R. Weimer, J. Coe, and B. Klepczynski met separately to continue their discussion of other aspects of the computer problems.

It was agreed that the task group should proceed with the study for the next couple of weeks. It was explained to B. Klepczynski that if we are to target the 18 month readiness of the system we should proceed as soon as possible to request qualified suppliers to submit firm bids on a new telescope. In order to do this the Navy should notify the National Science Foundation that funding is available so that the RFP which we prepare will be viewed as a firm requirement by the suppliers. Accordingly, will receive their best prices. B. Klepczynski indicated that we should make no firm commitments on land acquisitions, etc. for the next couple weeks until he has had an opportunity to explore the funding situation with appropriate Navy personnel. It seemed that Klepczynski was portraying a different financial posture than that which we had previously understood to exist. That is, he indicated that there may be limitations in the funding to satisfactorily accomplish the whole project and that this funding will need to be spread over at least a two year period.