

NATIONAL RADIO ASTRONOMY OBSERVATORY

Charlottesville, Virginia

January 8, 1980

ADDITIONAL BASELINE TO INTERFEROMETER  
MEMO NO 102

MEMORANDUM

To: J. Coe, F. Crews, L. Howell, B. Meredith,  
B. Moore, B. Peery, R. Weimer

From: H. Hvatum

Subj: Interferometer Expansion

In a meeting with the Naval Observatory 3 January 1980, NRAO agreed to proceed with the plans for an expansion of the interferometer by adding an east-west baseline. According to this agreement, we wish to develop such a detailed plan which should include good cost estimates, manpower estimates and time schedules for the job. We have promised the Naval Observatory to have the plan completed by 1 April 1980.

The following individuals should consider themselves members of a working group for the planning phase of the interferometer expansion project.

Fred Crews (coordinator)  
Len Howell (telescope operation)  
Jim Coe (general electronics)  
Ron Weimer (digital electronics)  
Buck Peery (antenna and site)  
Bill Meredith (computer problems)  
Bob Moore (business)

This group will meet occasionally to discuss the progress of the work. There will be at least one meeting, in the middle of February, with members of the Naval Observatory to discuss the progress and make sure that we do what the NO really wants.

I have asked Buck to organize a sequentially numbered memo series which should contain all written material we generate. We have done this for other projects, notably the VLA and the 25-m telescope, and it is a very useful technique for communication and documentation. Buck will explain.

The first task would be for every member of the working group to list all the jobs (in his area) that need to be done. We shall then review and consolidate these, set up a schedule and go to work. Can we have the first step done by 17 January?

Any comments?

HH/pj