

National Radio Astronomy Observatory
Charlottesville, Virginia

12 April 1984

To: Operations Group
From: R. C. Walker
Subject: Computer Personnel for Operation of the VLBA

Bob Burns, John Benson, and I have reviewed the number of people needed in the Computer Division to operate the VLBA. The table below gives a breakdown of the results. We believe that the people shown would provide a lean but reasonable operation. The total number is almost independent of whether we have a stand alone operation or are combined with the VLA. The number shown is for the combined operation. For the stand alone, the only addition would be a possible additional head. Of course, we are counting on the existence of the AIPS group. The AIPS staff shown below is what is needed for the VLBA in addition to what is already used for the VLA. Most, but not necessarily all, of the AIPS people shown should be at the Array Headquarters or it is likely that additional people will be needed. We still expect that the core of the AIPS group will remain in Charlottesville.

- 1 Head or Asst. Div. Head.
 - 1 Sr. Programmer - Monitor and Control
 - 1 Jr. or Mid Level Programmer - Monitor and Control
 - 1 Sr. Programmer - Correlator/Fringe Processor
 - 1 Jr. or Mid Level Programmer - Correlator/Fringe Processor
 - 3 System Scientists - AIPS (these are people who write code)
 - Areas to Cover: UV data, Calibration
 - Mapping
 - Astrometry/Geodesy
- One of these should be capable of programming the fringe processor.
- 1 Mid Level Programmer - AIPS
 - 1 Mid Level Programmer - Misc. (eg. tape inventory system etc.)
 - 1 System Programmer
 - 2 Technicians - Maintain Computers etc.
 - .5 Communications Technician.
 - 2 Program Libr./Computer Oper./Tape Libr. etc.

Total 15.5 people.

The total compares with 15 people for the stand alone array or 11 for the joint operation plus 3 system scientists as shown in the draft table distributed on 9 April. The 3 system scientists are 3 of the 5 that have long been considered part of the VLBA project.