

VLB ARRAY MEMO No. 116

Minutes of the August 5, 1982 VLBA Computer Meeting

- R. Burns

The meeting was held by teleconference and was attended by:

NRAO (CV) - H. Hvatum
 R. Burns
 C. Walker
 B. Cotton

GODDARD - N. Vandenberg

CIT - T. Pearson
 M. Ewing

NRAO (VLA) - R. Ekers
 G. Hunt

SAO - M. Reid

Meeting dates and times were discussed and a preliminary agenda for 1982 given.

Sept. 2 - 15:30 EST
Oct. 7 - 15:30 EST
Nov. 4 - 15:30 EST
Dec. 9 - 15:30 EST

Four main areas of processing were discussed:

- (1) Array & Element Control
- (2) Post Correlator or Fringe Processing
- (3) Post Processing (AIPS, etc.)
- (4) General Bookkeeping

It was felt that there should be some subgroups to deal with these various areas. It was not clear whether the subgroups should be formal working groups (somewhat fixed) or informal, such as simply asking various people to look into things on an as needed basis. This was left for now.

(1) Array & Element Control. Specifications for array and element control depend heavily on philosophy of operations. This involves questions as to whether the array can operate with the communications down, whether single dish pointing tests will require the use of the array control computer, and many others. Nancy Vandenberg has agreed to prepare a first go-around at the operations and control specifications.

As a side comment, it was suggested that Bob Burns contact Hugh Aller at Michigan to see what special problems they encountered in remote antenna control. Some felt the VLA experience makes this redundant; he will pursue it to be sure.

