

MASSACHUSETTS INSTITUTE OF TECHNOLOGY
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19 September 1985

Area Code 617
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To: VLBA Data Acquisition and Playback Group

From: A. E. E. Rogers

Subject: Minutes of Data Acquisition and Playback Group Telecon
Held at 1600 EDT, 18 September 1985

Attendees: Craig Walker - VLA
Durgaoas Bagri - VLA
Jon Romney - Charlottesville
Hans Hinteregger- Haystack
Bill Petrachenko- Haystack
Alan Rogers - Haystack

Review of Greenbank Meeting

The main topic discussed was the affect on the design review of the acquisition system.

a) Fringe Rotation at the Stations

If fringe rotation is done at the antennas using an offset reference there should be no need for any changes in the design of the acquisition system.

b) Reduced number of baseband converters

While the reduced number of converters (from 16 to 8) will reduce the VLA capabilities for bandwidth synthesis, pulsar de-dispersion and interference avoidance provision should be made to add converters in the future.

Further discussions are presently taking place via VAX mail and the memo series.