

NORTHEAST RADIO OBSERVATORY CORPORATION
HAYSTACK OBSERVATORY

25 May 1984

Minutes of VLBA Recorder Acquisition Group Telecon held on
23 May 1984 at 1400 EDT

Attendees: Ray Escoffier - NRAO
John Romney - NRAO
Larry D'Addario - NRAO
Marty Ewing - CalTech
Ted Seling - CalTech
Roger Cappallo - Haystack
John Webber - Haystack
Alan Rogers - Haystack

VCRs:

Ray Escoffier reported that the additional VCR record/playback units being built at NRAO should be completed in about six weeks. Paul Newby of Toronto may visit NRAO soon to help find the origin of the somewhat poorer performance of the NRAO VCR system compared with the Canadian system.

Longitudinal Systems:

John Webber reported on the successful completion of "production prototype" headstacks made at Haystack. Two of the four units are perfect, and two had only minor defects. The SNR performance is as expected (51 ± 1 dB at 2.25 MHz in 30 KHz at 33,000 flux transitions per inch) and very consistent. Track placement accuracy is ± 2 micrometers peak to peak. Some preliminary digital recording tests show low error rates.

Marty Ewing reported that the "Barger" headstacks, being tested by Benno, look good but no details were available.