

Interoffice

National Radio Astronomy Observatory

New Mexico
June 6, 1989

To: Recipients of VLBA Memos
From: Betty Trujillo
Subject: VLBA Memos Distributed During April and May 1989

Main Series

- 642 Trujillo, B. VLBA Memos Dist. During March 1989.
643 Oty, J. An Overview of the RFI Monitoring System
for the VLBA Project.
644 Wade, C. Accurate Coordinates for VLBA Antennas.

Acquisition

- 133 Rogers, A.E.E. Measurement of the Thermal and Elastic
Constants of Magnetic Tape.
134 Rogers, A.E.E. Tape Reel Pack - Computer Simulations.
135 Rogers, A.E.E. Tape Slitting Signatures and Head-to-Tape
Tension Noise from Slitting Errors.
136 Rogers, A.E.E. Tracking Offset Sensitivity to Idler Tilt
and Taper Angle.
137 Rogers, A.E.E. Draft Recommendations for Improvement to
Model 96 Mechanical Performance.
138 Rogers, A.E.E. Idler Bearing Friction.
139 Rogers, A.E.E. Minutes of VLBA Data Recording Meeting.
140 Rogers, A.E.E. Some Order of Magnitude Calculations of
the Air Entrapment at the Idler.
141 Rogers, A.E.E. Head to Tape Contact Profiles: Computation
of Inter-Changeability of Various Tapes.
142 Rogers, A.E.E. Tape Strain: Determination of the Best Tape
Tension for Thin Tape.
143 Rogers, A.E.E. Summary of What We Have Learned During
Recorder Mechanical Study.
144 Rogers, A.E.E. Some Tests of the Effect of Idler Groove
Cross Section.

- 145 D. Smythe, E. Nesman, R. Cappallo. Improved Performance
with AT&T Bit Synchronizer.
- 146 Rogers, A.E.E. Head to Tape Contact at 270 IPS.
- 147 Rogers, A.E.E. Measured Head Profiles.
- 148 Rogers, A.E.E. Some Added Notes to the BBC 0.5-1.0
GHz Oscillator.
- 149 Rogers, A.E.E. Model for Recorder Tracking Response
to Tape Slitting Signatures.
- 150 Rogers, A.E.E. Draft Specifications for VLBA Tape
and a Very Brief Look at Some Newer Tapes.

Electronics

- 114 Beno, Larry. Report on Stability Results of VLBA Maser
#2 and #3 Measured at JPL.
- 115 Thompson, A.R. Module Serial Numbers

Note: If any of the above memos are of interest to you, please
request them from:

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