

NATIONAL RADIO ASTRONOMY OBSERVATORY
Charlottesville, Virginia

April 3, 1985

TO: VLBA Members
FROM: Carolyn Williams
SUBJECT: VLBA Memo Lists

Attached are updated lists of memos in all of the VLBA series. A compilation of these lists is kept current in:

CVAX::UMA3:[VLBA]MEMOS.TXT

VLBA MAIN MEMOS

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423	main	Oty	RFI Survey - Kitt Peak, AZ	8501
424	main	Peery	Conf./Site Meeting 850130	8501
425	main	Pearson	VLBA Corelator:Programming Stds	8502
426	main	Thompson	VLBA Electronics Meeting 7 Feb 85	8502
427	main	D'Addario	8/5 Code for 3-Level Quantization	8502
428	main	D'Addario	Interferometer Calibration vs Quan	8502
429	main	Williams	Teleconference I.D. Numbers	8502
430	main	D'Addario	Summary of Socorro Workshops	8502
431	main	Clark	Some Suggested Operator Interface	8502
432	main	Clark	Some Remarks about Phase Switching	8502
433	main	Oty	RFI Survey - Three Points, AZ	8502
434	main	Peery	Conf./Site Meeting 850220	8502
435	main	Rogers	Proposed Pulsar Support Modes	8503
436	main	Kellermann	Scientific Advisory, March 15 Mtg	8503
437	main	Seielstad	VLBA Antenna in Green Bank	8503

VLBA MAIN MEMOS

438	main	Walker	Antenna in Green Bank	8503
439	main	Ewing	Graphics for Engineering&Operations	8503
440	main	Thompson	VLBA Electronics Meeting, 7 March	8503
441	main	Peery	Conf./Site Meeting 850320	8503

VLBA COORDINATION COMMITTEE MEMOS

No.	Series	Author	Title	Date
1	cc	Hvatum	Numbered Memos	8310
2	cc	Peery	Telephone System at Prospect VLBA	8310
3	cc	Peery	Drawing Numbering System-VLBA	8310
4	cc	Hvatum	VLBA Cost Estimate Summary-ver 6	8310
5	cc	Hvatum	VLBA Manpower Estimates	8310
6	cc	NRAO	VLBA Program Plan-1984	8310
7	cc	Horne	VLBA Antenna Choice	8310
8	cc	Legg	TIW Antenna Panels	8310
9	cc	Clark	Questions Needing Early Answers	8311
10	cc	Peery	Drawing Numbering System-VLBA	8311
11	cc	Lagoyda	Accounting for VLBA Project	8311
12	cc	Kellermann	Comments on VLBA Volume III	8311
13	cc	Peery	Environmental Impact Statement	8311
14	cc	Gibb	VLBA Account #'s & Project #'s	8311
15	cc	Walker	Comments on Current Draft-Vol III	8312
16	cc	Peery	Numbering System-VLBA Engineering	8312
17	cc	Peery	Space Requirements-Control Bldg.	8312
18	cc	Lacasse	VLBI Standard Network Frequencies	8312
19	cc	Brundage	NTIA RFI Evaluation-VLBA sites	8312
20	cc	Carolyn	VLBA Teleconferences	8401
21	cc	Porter	VLBA Budgeting & Project Report	8401
22	cc	Hvatum	Design Review Mtg-Prel. Agenda	8401
23	cc	Dill	VLBA Drawing Numbering System	8401
24	cc	Peery	Site Requirements	8401
25	cc	Hvatum	Design Review Meeting	8401
26	cc	D'Addario	VLBA Project Book	8401
27	cc	Ewing	Decisions to be made	8401
28	cc	Porter	Account Nos. and Project Nos.	8402
29	cc	Porter	Antenna Contract Selection Comm.	8403
30	cc	Porter	Antenna Contract Selection Comm.	8403
31	cc	Peery	Space Requirements-Control Blding	8405
32	cc	Sebring	VLBA CC Meeting-840914	8409
33	cc	Sebring	VLBA CC Meeting-840921	8409
34	cc	Peery	Site Control Building	8410
35	cc	Sebring	Notes from October CC Meetings	8411
36	cc	D'Addario	Station Building Requirements	8411
37	cc	Sebring	Station Emergency & Standby Power	8412
38	cc	Sebring	Notes from November CC Meetings	8412
39	cc	Sebring	The Station Building	8412
40	cc	Sebring	Notes from CC Meeting, 7 Dec	8412
41	cc	Porter	Notes from CC Meeting, 28 Dec	8412
42	cc	Porter	Project Reporting	8501
43	cc	Sebring	Notes from CC Meeting, 85 Jan 11	8501
44	cc	Sebring	Notes from CC Meeting	8502
45	cc	Sebring	Notes from CC Meeting 85 Feb 8	8502
46	cc	Sebring	Notes from CC Meeting 85 Feb 15	8502
47	cc	Sebring	Notes from CC Meeting 85 Feb 22	8502
48	cc	Sebring	CC Meeting Notes, 85, March 1	8503
49	cc	Sebring	CC Meeting Notes, March 22	8503

VLBA ACQUISITION MEMOS

No.	Series	Author	Title	Date
1	acq	Rogers	Aquisition Memo Series	8311
2	acq	Rogers	Proposed Video Convertor-diagram	8311
3	acq	Rogers	Low Noise Voltage Tuned Osc.	8311
4	acq	Rogers	Minutes of Teleconference-12/83	8312
5	acq	Rogers	Minutes-Recorder/Acquisition Grp	8401
6	acq	Rogers	Minutes-Recorder/Acquisition Grp	8402
7	acq	Rogers	Fringe Rotation & Variable phase	8402
8	acq	Rogers	Rejection of receiver images-VLBI	8403
9	acq	Rogers	Single Sideband Fringe Rotation	8402
13	acq	Rogers	Sony High-Density Digital Recorder	8404
14	acq	Rogers	Closure Errors - Bandpass Offsets	8404
15	acq	Rogers	Minutes-Acq/Recorder Meeting	8404
16	acq	Rogers	Visit to Kodak Datatape	8405
17	acq	Rogers	VLBA Recorder/Acq Meeting-840523	8405
18	acq	Rogers	VLBA Recorder/Acq Meeting-840627	8406
19	acq	Rogers	Suggested DPS-Correlator Interface	8408
20	acq	Haystack	Update-Suggested DPS/Corr Inter.	8409
21	acq	Petrachenko	Automatic Video Cassette Changer	8409
22	acq	Rogers	VLBA Recorder/Acq Meeting 870912	8409
23	acq	Rogers	Is Phase Switching Needed?	8409
24	acq	D'Addario	Playback-Corr. Interface Spec.	8409
25	acq	Rogers	Improving Dynamic Range-IF/Video	8410
26	acq	Wilson	Error Correction for VLBI	8410
27	acq	Whitney	Tape Synchronization at VLBA Corr	8410
28	acq	Rogers	Proposed Recorder Specifications	8411
29	acq	D'Addario	Comments on "Tape Synchronization"	8411
30	acq	Hinteregger	Diminishing Returns	8411
31	acq	Rogers	Data Acq/Recorder Group, 12 Dec	8412
32	acq	Rogers	Minutes of Recorder/Acq Group	8501
33	acq	Rogers	Is Efficient Encoding of 3-Level.?	8502
34	acq	Rogers	Upper Limit on "DC" Correlation	8502
35	acq	Rogers	Reasons for Not Separating Format	8502
36	acq	Rogers	Minutes of VLBA Acq/Rec Group Mtg	8503

VLBA ANTENNA MEMOS

No.	Series	Author	Title	Date
1	ant	Horne	VLBA Antenna Choice	8310
2	ant	Legg	TIW Antenna Panels	8310
3	ant	Horne	Setting the VLBA Antennas	8311
4	ant	Horne	Drive Design-VLBA Antennas	8311
5	ant	King	Structural Data	8402

VLBA CORRELATOR MEMOS

No.	Series	Author	Title	Date
1	corr	Ewing	Correlator Memo Series	8309
2	corr	Ewing	VLBA Organization	8309
3	corr	Peterson	VLSI Project Status	8310
4	corr	Ewing	VLBA Correlator Memorandum	8311
5	corr	Ewing	VLBA Correlator Meeting Schedule	8311
6	corr	Ewing	Minutes-Local Group Meeting 11/83	8311
7	corr	Ewing	Minutes-Local Group Meeting 12/83	8312
8	corr	Rayhrer	Recording with/without Data-Gaps	8312
9	corr	Rogers	Ch. VII Correlator System-review	8312
10	corr	Kellermann	VLBA Volume III-comments	8312
11	corr	Walker	Comments on Current Draft-Vol. III	8312
12	corr	Ewing	Minutes-Correlator Group meeting	8401
13	corr	Ewing	Decisions to be made	8401
14	corr	Ewing	Minutes-Correlator Group meeting	8401
15	corr	Rayhrer	Recording with Error-Correction	8401
16	corr	Ewing	VLBA Project Book	8401
17	corr	Rayhrer	Minutes-Correlator Group meeting	8402
18	corr	Ewing	Lobe Rotator Options	8402
19	corr	Rogers	Continuum SNR	8401
20	corr	Clark	Lobe Rotator at the antenna	8402
21	corr	Ewing	Minutes-Correlator Group meeting	8403
22	corr	Haystack	Fractional-Bit Correction Algo.	8407
23	corr	Ewing	Status of JPL VLSI Project	8407
24	corr	Ewing	Alternate Schemes for VLSI Chip	8407
25	corr	Wilson	Correlator Chip-Australia Tele.	8407
26	corr	Escoffier	Correlator Architecture	8408
27	corr	Rogers	Suggested DPS-Correlator Interface	8408
29	corr	Rayhrer	DPS/Correlator Interface	8409
30	corr	Ewing	The Global Bus	8410
32	corr	Ewing	Register-less readout&per-station	8411
33	corr	Whitney	Archiving of Correlator Data	8411
34	corr	Ewing	Data Archiving	8411
35	corr	Pearson	VLBA Correlator-Review of Block II	8501
36	corr	Ewing	VLSI Technology Report	8501
37	corr	Wilson	A T Correlator Chip	8501
38	corr	Ewing	Corr. Conceptual Block Diagram	8502
39	corr	Ewing	Hierarchical Block Diagrams	8503

VLBA ELECTRONICS MEMOS

No.	Series	Author	Title	Date
1	elec	Bullington	Microwave Transmission Link-N.M.	8310
2	elec	Balister	Minutes-Electronics Group meeting	8311
3	elec	D'Addario	VLBA Frequency coverage	8312
4	elec	D'Addario	Local Oscillator System Design	8401
5	elec	Moffet	Maser Reliability in the DSN	8401
6	elec	Balister	Cryogenics Reliability	8401
7	elec	Thompson	Design of LO System	8401
8	elec	Balister	Minutes-Electronics Group Meeting	8401
9	elec	Backer	CTI Model Refrigerators-Hat Creek	8402
10	elec	Balister	Minutes-Electronics Group Meeting	8402
11	elec	Thompson	Minutes-Electronics Mtg-3/15/84	8403
12	elec	Brockway	140ft K-Bank Maser Noise Temp	8403
13	elec	Thompson	Electronics Meeting-840419	8404
14	elec	Thompson	VLBA Electronic Grp Mtg-840517	8405
15	elec	D'Addario	VLBA Frequency Coverage-Final Spec	8406
16	elec	Thompson	VLBA Electronic Grp Mtg-840614	8406
17	elec	Thompson	Antenna Building Requirements-mtg	8406
18	elec	Thompson	Construction Plan-Electronics	8406
19	elec	Thompson	VLBA Electronic Grp Mtg-840809	8409
21	elec	Dill	Rework being performed by CTI	8410
22	elec	Norrod	Report on CTI Model 22 Refrig Test	8410
23	elec	Audette	Summary of CTI Changes	8410
24	elec	Thompson	VLBA Electronics Division Mtg	8410
25	elec	Thompson	Meeting on Vertex Room Planning	8410
26	elec	Narayana	Local Oscillator Link for Pie Town	8410
27	elec	Dill	Sympton Notes for the Model 22	8410
28	elec	Thompson	Power for Receiving Electronics	8411
29	elec	Thompson	VLBA Electronics Meeting, Nov 8	8411
30	elec	D'Addario	I.F. Signal Processing	8411
31	elec	Dill	Model 22 Refrigerators	8412
32	elec	Thompson	Front Ends for 23 and 43 GHz	8412
33	elec	Thompson	VLBA Electronics Meeting, Dec 6	8412
34	elec	Norrod	Report on CTI Model 22 Refrig Test	8501
35	elec	Thompson	VLBA Electronics Meeting 10 Jan 85	8501
36	elec	Rogers	Phase Calibration Injection	8502
37	elec	Dill	Return of Reworked Model 22 Units	8502
38	elec	Thompson	VLBA Electronics Meeting 7 Feb 85	8502
39	elec	Thompson	Dynamic Range and Interference...	8503
40	elec	Thompson	VLBA Electronics Meeting, 7 March	8503

VLBA OPERATIONS MEMOS

No.	Series	Author	Title	Date
1	oper	Bignell	Operations Working Groups meeting	8312
2	oper	Bignell	Operations-Individual Ant. sites	8402
3	oper	Bignell	VLBA Operations	8402
4	oper	Bignell	VLBA Operations Description	8402
5	oper	Temple	VLBA Site Technician	8403
6	oper	Bignell	Operations Group Meeting-840503	8405
7	oper	Bignell	AOC Building Requirements	8406