VLA OBSERVING LOG

Contact Observer's E-Mail Address: archung@astro.columbia.edu
Configuration: Cs
Decommissioned: 21
VLBI Ref. Ant:
VLBI Antenna Pad:

Program:	**AK563**	Date:	25-Feb-04
Observer(s):	Chung	Initial Source:	1331+305
User #:	20	Observing Mode:	Line 2AC
Subarray(s):	1	Bands Used:	L
Source File(s):	777K563		
Operator(s):	Sonja Mendoza		

API (Atmospheric Phase Interferometer) information can be found at:

http://www.vla.nrao.edu/astro/guides/api/

Adobe PDF version of this log is located at:

http://www.vla.nrao.edu/operators/logs/

Time (IAT)	Dew Point (C)	Temp. (C)	Wind m/sec @ direction	Bar. Pressure (mbars)	API sat. rms φ	Remarks
25Feb 3:52:17	-2	0.9	SE at 1.3 m/s	787.1	3.9	Sky cover 50%. Mixed clouds.

Observing Data:

Tape #	Time of Final Record
N20018	25Feb 9:56:17
N20019	

Monitor Data:

Tape #	File #	Time of Final Record
N20010	3	

Total # of antennas used =   27

Start Time	End Time	Comments		Form #	#Ants	Down T.
25Feb 3:52:17		Starting program AK563.				(in minutes)
25Feb 3:57:30		On source 1331+305 with all available antennas.				
		The band(s) used is(are) L				
		Antenna(s) : 1 2 5 16 25				
		do not have good baseline positions determined for them because they were				
		moved to their present location recently. Please check for any significant				
		errors and let the Data Analysts (email - analysts@nrao.edu) know what you				
		find. Thank you.				
25Feb 3:52:17	25Feb 13:52:00	Antenna(s) 13 (Data: Lost):	EVLA	C112151	1.00	599.7
		Antenna is on the master pad for EVLA testing.				
25Feb 3:52:17		**SHADOWING IS OCCURRING!** Some antennas are blocking the view				
		of your radio source from other antennas. You may have to edit your				
		data. Observing data: Corrupted.				
25Feb 6:30:00		**Antenna(s) 9** (Data: Lost):	LO/IF	C113551		

		5 MHz phase jump, several parity errors present.				
25Feb 6:36:00		**Antenna(s) 9** (Data: Lost):	LO/IF	C113551		
		5 MHz phase jump, no parity errors present.				
25Feb 7:03:00		Your new operator is: Ryan Johnson				
25Feb 6:46:00		**Antenna(s) 9** (Data: Lost):	LO/IF	C113551		
		5 MHz phase jump, no parity errors present.				
25Feb 7:06:00		Ran a backup on the Modcomp partition.				
25Feb 7:29:00		**Antenna(s) 9** (Data: Lost):	LO/IF	C113551		
		5 MHz phase jump, no parity errors present.				
25Feb 7:45:00	25Feb 7:48:00	**All antennas** (Data: Corrupted):	INTERFERENCE	RFI	26.00	78.0
		Serious RFI for all antennas/IFs.				

Program End Time		Total Program Time (minutes x 27 ants.)	Downtime % of Total Time	Total Downtime
25Feb 13:52:00	**End of program AK563**	**16192.3**	**4.2%**	**677.7**