VLA OBSERVING LOG

2004-03-16_0334_AK563

Contact Observer's E-Mail Address: archung@astro.columbia.edu
Configuration: Cs
Decommissioned: 10
VLBI Ref. Ant:
VLBI Antenna Pad:

Program:	**AK563**	Date:	16-Mar-04
Observer(s):	Aeree Chung	Initial Source:	1331+305
User #:	20	Observing Mode:	Line 2AC
Subarray(s):	1	Bands Used:	L
Source File(s):	797K563		
Operator(s):	David Midgett		

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
16Mar 3:34:55	-6.8	6.6	NW at 4.2 m/s	791.6	4.3	Sky clear.
16Mar 6:50:00	-9.2	3.3	SW at .5 m/sec	791.7	14.3	Sky clear.
16Mar 13:28:00	-9.8	-0.2	SW at 3 m/sec	790.8	2.4	Sky clear.

Observing Data:

Tape #	Time of Final Record
N20104	16Mar 7:06:03
N20105	

Monitor Data:

Tape #	File #	Time of Final Record
N20100	2	

Total # of antennas used =   27

Start Time	End Time	Comments	Form #	#Ants	Down T.
16Mar 3:34:55		Starting program AK563.			(in minutes)
16Mar 3:38:30		On source 1331+305 with all available antennas.			
		The band(s) used is(are) L			
		Antenna(s) : 21			
		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.			
16Mar 3:34:55	16Mar 13:33:30	Antenna(s) 13 (Data: Lost): EVLA	C112151	1.00	598.6
		Antenna is on the master pad for EVLA testing.			
16Mar 3:38:30	16Mar 3:39:42	All antennas (Data: Lost): VLA COMPUTRS	Other	26.00	31.2
		Online system computer program ANTSOL aborted for unknown reason.			
		Contacted programmer, restarted program. Data for first scan of 1331+305 lost.			
16Mar 3:34:55		**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.			
16Mar 6:50:00		Your new operator is: Larry Brothers			
16Mar 10:45:00		Antenna 9, LO phase jump, cycle slip, check your data.			
Program End Time			**Total Program Time (minutes x 27 ants.)**	**Downtime % of Total Time**	**Total Downtime**
16Mar 13:33:30	**End of program AK563**		**16161.8**	**3.9%**	**629.8**