VLA OBSERVING LOG

2008-12-21_0241_AM962

Contact Observer's E-mail: kcavagno@sciborg.uwaterloo.ca
Configuration: A
Decommissioned: 15
VLBI Ref. Ant:
VLBI Antenna Pad:

Program:	**AM962**	Date:	21-Dec-08
Observer(s):	Ken Cavagnolo	Initial Source:	0521+166
User #:	20	Observing Mode:	Line 4
Subarray(s):	1	Bands Used:	P
Source File(s):	543AM962		
Operator(s):	Matt Gardiner		

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/
Visibility data is updated each day at IAT/UT midnight and available from the online archive at:
http://archive.nrao.edu

Time (IAT)	Dew Point (C)	Temp. (C)	Wind Speed & Direction	Bar. Pressure (mbars)	API sat. rms ϕ	Remarks
21Dec 2:41:00	-14.9	2.4	SE at 2.4 m/s	789.3	N/A	Sky cover 10%. Mixed clouds.
21Dec 4:59:58	-13.7	0.4	W at 3.3 m/s	790.0	N/A	Sky cover 10%. Mixed clouds.

Total # of antennas used = 27

Start Time	End Time	Comments/Outages	Form #	#Ants	Downtime
21Dec 2:41:00		Starting program AM962.			(in minutes)
21Dec 2:41:00		The band(s) used is(are): P			
21Dec 2:44:00		On source 0521+166 with all available antennas.			
21Dec 2:41:00		Antenna(s) : 28			
		have recently updated baseline parameters to correct for errors resulting from			
		their recent relocation.			
		Antenna(s) : 9			
		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.			
21Dec 2:41:00		Your data were taken with the new EVLA computer system controlling the			
		Array. The data flagger is still incomplete for some EVLA failure modes,			

		so observers should carefully review their calibrator observations for			
		these flagger failures.			
21Dec 2:41:00		We are currently including all checked-out (operational) EVLA antennas in			
		the VLA by default. For your project, we have included the following EVLA			
		antennas in the array: 2 11 13 14 17 18 19 23 25 26			
21Dec 2:41:00		Please note that using the EVLA antennas is a shared-risk operation			
		and we cannot guarantee that useful data will be produced by these			
		antennas. Users should consult the web page			
		http://www.vla.nrao.edu/astro/guides/evlareturn			
		for known problems and workarounds in using the EVLA antennas with			
		the VLA. We would like your input and feedback on the use of the			
		EVLA antennas in your project; please send all comments and/or			
		questions to gvanmoor@aoc.nrao.edu.			
21Dec 2:41:00	21Dec 5:40:30	Antenna 9 (Data: Lost): EVLA	T100559	1.00	179.5
		Antenna is undergoing EVLA testing			
21Dec 2:41:00	21Dec 5:40:30	Antenna(s) 1, 3, 4, 5, 21, 24 (Data: Lost): FRONT END	Other	6.00	1077.0
		P band receiver unplugged due to oscillations.			
21Dec 2:41:00	21Dec 5:40:30	Antenna(s) 16 (Data: Lost): FRONT END	Other	1.00	179.5
		P band not functional. No up-converter.			
21Dec 2:41:00	21Dec 5:40:30	Antenna(s) 28 (Data: Lost): FRONT END	Other	1.00	179.5
		P band receiver not yet installed.			
21Dec 2:41:00	21Dec 5:40:30	Antenna(s) 26 (Data: Lost): FRONT END	C124030	0.75	134.6
		Backend Total Power out of range on IFs A, B, C. Sync Detects are 0.			

Program End Time		**Total Program Time (minutes x 27 ants.)**	**Downtime % of Total Time**	**Total Downtime**
21Dec 5:40:30	**End of program AM962**	**4846.5**	**36.1%**	**1750.1**