

VLA OBSERVING LOG

2008-12-23_1032_AM962

Contact Observer's E-mail: kcavagno@sciborg.uwaterloo.ca

Configuration: A

Decommissioned: 15

VLBI Ref. Ant:

VLBI Antenna Pad:

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>

| | | | |
|-----------------|--------------|-----------------|-----------|
| Program: | AM962 | Date: | 23-Dec-08 |
| Observer(s): | Cavagnolo | Initial Source: | 0521+166 |
| User #: | 20 | Observing Mode: | Line 4 |
| Subarray(s): | 1 | Bands Used: | P |
| Source File(s): | 545AM962 | | |
| Operator(s): | Jim Campbell | | |

| Time (IAT) | Dew Point (C) | Temp. (C) | Wind Speed & Direction | Bar. Pressure (mbars) | API sat. rms ϕ | Remarks |
|----------------|---------------|-----------|------------------------|-----------------------|---------------------|--|
| 23Dec 10:32:06 | -2.5 | 2.4 | W at 3.9 m/s | 776.5 | N/A | Sky overcast. Stratiform clouds. Snow. |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |

Total # of antennas used = 27

| Start Time | End Time | Comments/Outages | Form # | #Ants | Downtime (in minutes) |
|----------------|----------|--|--------|-------|-----------------------|
| 23Dec 10:32:06 | | Starting program AM962. | | | |
| 23Dec 10:32:06 | | The band(s) used is(are): P | | | |
| 23Dec 10:36:00 | | On source 0521+166 with all available antennas. | | | |
| 23Dec 10:32:06 | | 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. | | | |
| 23Dec 10:32:06 | | Your data were taken with the new EVLA computer system controlling the Array. The data flagger is still incomplete for some EVLA failure modes, | | | |

VLA OBSERVING LOG

2008-12-23_1032_AM962

| | | | | | |
|-------------------------|----------------------|---|---------------------------------|-----------------------|--------|
| | | so observers should carefully review their calibrator observations for | | | |
| | | these flagger failures. | | | |
| 23Dec 10:32:06 | | 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: 1 2 3 4 5 11 13 14 16 17 18 19 21 23 24 25 26 28 | | | |
| 23Dec 10:32:06 | | 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. | | | |
| 23Dec 10:32:06 | 23Dec 13:30:48 | Antenna 9 (Data: Lost): EVLA | T100559 | 1.00 | 178.7 |
| | | Antenna is undergoing EVLA testing | | | |
| 23Dec 10:32:06 | 23Dec 13:30:48 | Antenna(s) 1 3 4 5 16 21 24 28 (Data: Lost): FRONT END | Other | 8.00 | 1429.6 |
| | | P band receiver switched off at antenna. | | | |
| 23Dec 10:36:00 | 23Dec 13:30:48 | Antenna(s) 26 (Data: Lost): LO/IF | C124065 | 0.25 | 43.7 |
| | | IF A showing low total power at the T5 module. | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| Program End Time | | Total Program Time (minutes x 27 ants.) | Downtime % of Total Time | Total Downtime | |
| 23Dec 13:30:48 | End of program AM962 | 4824.9 | 34.2% | 1652.0 | |