

Program: AG318 ***** Date: 91Jan21

User Number: 330

Observer: Van Gorkom

Source File: 981G318

Subarray: #1

Observe Mode: Line

Operator: K.R. Hartley

Configuration: C

Decommissioned: 24

VLBI Ref. Ant: 23

Antenna Pad: CE4-E8

Antenna(s) Used:

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 25 26 27 28

Weather Entry:

Time: 91Jan21 at 8:07:27

Dew Point: -3;C

Temp.: -2;C

Wind: SE @ 4.5 m/s

Bar. Pressure: 790mbars

Remarks:: Sky Cover is 100%. Stratusform type.

Weather Entry:

Time: 91Jan21 at 13:40:30

Dew Point: -5;C

Temp.: -4;C

Wind: NE @ 3

Bar. Pressure: 791mbars

Remarks:: Sky Cover is 100%. Stratusform type. light snow

Weather Entry:

Time: 91Jan21 at 14:41:17

Dew Point: -4.7;C

Temp.: -4.2;C

Wind: E @ 2.5 m/s

Bar. Pressure: 791mbars

Remarks:: Sky Cover is 100%. Stratusform type. light snow

Observing data is recorded on tape:

Tape #: N1837

File #: 1

Time of Final Record: 91Jan21 at 13:32:53

Observing data is recorded on tape:

Tape #: N1838

File #: 1

Time of Final Record:

Monitor data is recorded on tape:

Tape #: N1845

File #: 5

Time of Final Record:

Comments made by the operator concerning this program:

Start Time: 91Jan21 at 8:10:00

End Time:

Comment:

Start of observe file. The band(s) used are L band(s).

Start Time: 91Jan21 at 8:16:00

End Time:

Comment:

On source N4535 with all available antennas.

Start Time: 91Jan21 at 9:26:00

End Time:
Comment:
Antenna(s) 26 - LO - Antenna Problem(s); LO phase jump/cycle shift.
Observing Data: Corrupted

Start Time: 91Jan21 at 13:29:00
End Time: 91Jan21 at 13:36:00
Form #: Unschedule
Ants: 1.00
Down T.: 7.00
Comment:
Antenna(s) 10 - LO - Antenna Problem(s); Synthesizer set @ wrong
frequency. Observing Data: Lost

Start Time: 91Jan21 at 13:44:46
End Time:
Comment:
Ran a backup on the Modcomp partition where observe files are kept.

Start Time: 91Jan21 at 14:41:18
End Time:
Comment:
**** Larry Brothers & T. Perreault is your operator. ****

Start Time: 91Jan21 at 16:07:40
End Time: 91Jan21 at 16:09:00
Form #: Unschedule
Ants: 1.00
Down T.: 1.33
Comment:
Antenna(s) 15 - Cryogenics Problem(s); Charge compressor. Observing
Data: Lost

Start Time: 91Jan21 at 16:09:00
End Time:
Comment:
End of program AG318
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Program: AG318 ***** Date: 91Jan27

User Number: 330
Observer: Van Gorkom
Source File: 987G318
Subarray: #1
Observe Mode: Line
Operator: Wotan L. Heatwole
Configuration: C
Decommissioned: 24
VLBI Ref. Ant: 23
Antenna Pad: CE4-E8
Antenna(s) Used:
1 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 25 27 28

Weather Entry:
Time: 91Jan27 at 6:54:17
Dew Point: -9.1jC
Temp.: -2.1jC
Wind: SW at 2.1 m/s
Bar. Pressure: 789mbars
Remarks:: Sky Cover is 20%. Stratusform type. Cirrus

Observing data is recorded on tape:
Tape #: N1852
File #: 1
Time of Final Record: 91Jan27 at 8:58:59

Observing data is recorded on tape:

Tape #: N1853
File #: 1
Time of Final Record:

Monitor data is recorded on tape:

Tape #: N1850
File #: 6
Time of Final Record:

Comments made by the operator concerning this program:

Start Time: 91Jan27 at 6:47:00

End Time:

Comment:

Start of observe file. The band(s) used are L band(s).

Start Time: 91Jan27 at 6:53:00

End Time:

Comment:

On source N4216 with all available antennas.

Start Time: 91Jan27 at 6:47:00

End Time: 91Jan27 at 14:45:00

Form #: 23569.00

Ants: 1.00

Down T.: 478.00

Comment:

Antenna(s) 2 - VLA LO - Central Problem(s); Antenna stowed. L14 module not locking. Observing Data: Lost

Start Time: 91Jan27 at 6:47:00

End Time: 91Jan27 at 14:45:00

Form #: 23571.00

Ants: 1.00

Down T.: 478.00

Comment:

Antenna(s) 26 - LO - Antenna Problem(s); Cannot point antenna. Stopped at 81deg elevation. Weather OK. Observing Data: Lost

Start Time: 91Jan27 at 13:22:13

End Time:

Comment:

Ran a backup on the Modcomp partition where observe files are kept.

Start Time: 91Jan27 at 14:45:00

End Time:

Comment:

End of program AG318*****

Program: AG318 ***** Date: 91Jan22

User Number: 330

Observer: Van Gorkom

Source File: 982G318

Subarray: #1

Observe Mode: Line

Operator: Wotan L. Heatwole

Configuration: C

Decommissioned: 24

VLBI Ref. Ant: 23

Antenna Pad: CE4-E8

Antenna(s) Used:

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 25 26 27 28

Weather Entry:

Time: 91Jan22 at 7:50:21

Dew Point: -3.7jC
Temp.: -3.4jC
Wind: NW at 1.5 m/s
Bar. Pressure: 791.6mbars
Remarks:: Sky Cover is 100%. Stratusform type.

Weather Entry:
Time: 91Jan22 at 8:14:04
Dew Point: -4.7jC
Temp.: -4.2jC
Wind: E @ 2.5 m/s
Bar. Pressure: 791mbars
Remarks:: Sky Cover is 100%. Stratusform type. light snow

Weather Entry:
Time: 91Jan22 at 14:36:39
Dew Point: -7.8jC
Temp.: -7jC
Wind: SW @ 1.7 m/s
Bar. Pressure: 789mbars
Remarks:: The sky is clear.

Observing data is recorded on tape:
Tape #: N1841
File #: 1
Time of Final Record:

Monitor data is recorded on tape:
Tape #: N1845
File #: 6
Time of Final Record:

Comments made by the operator concerning this program:
Start Time: 91Jan22 at 7:04:00
End Time:
Comment:
Start of observe file. The band(s) used are L band(s).

Start Time: 91Jan22 at 7:04:00
End Time: 91Jan22 at 12:02:00
Form #: Power
Ants: 26.00
Down T.: 7748.00
Comment:
Power Distribution System Problem(s); Power glitch on east arm. Took down MG set and computers. Correlators also down. Observing Data: Lost

Start Time: 91Jan22 at 7:00:00
End Time:
Comment:
**** K.R. Hartley is your operator. ****

Start Time: 91Jan22 at 8:00:00
End Time:
Comment:
Attempt to bring observing system back up caused another power failure.

Start Time: 91Jan22 at 10:30:00
End Time: 91Jan22 at 12:02:00
Comment:
Power restored after breaker opened past CE9. Correlator & Modcomp restarted and stabilized. Observing system evaluated in SYSSTART. Several problems discovered
"starting up - ant 1 failed to take commands, OK after LO reset. Ant 25 F/R will not drive in "
"rotation - stowed. Ant 8 IF A T5 saturated - OK after reseating. Ant 21 IF D T5 saturated,"
did not respond to reseating - replaced.

Start Time: 91Jan22 at 7:04:00
End Time: 91Jan22 at 15:05:00
Form #: 23519.00
Ants: 1.00
Down T.: 481.00
Comment:
Antenna(s) 25 - Focus/Rotation Problem(s); Antenna stowed - F/R will not
drive in rotation. Observing Data: Lost

Start Time: 91Jan22 at 14:36:40
End Time:
Comment:
**** Larry Brothers & T. Perreault is your operator. ****

Start Time: 91Jan22 at 15:05:00
End Time:
Comment:
End of program AG318*****

Program: AG318 ***** Date: 91Jan20

User Number: 330
Observer: Gunn/ Van Gorkom
Source File: 980G318
Subarray: #1
Observe Mode: Spectral Line
Operator: Jim Nieri
Configuration: C
Decommissioned: 24
VLBI Ref. Ant: 23
Antenna Pad: CE4-E8
Antenna(s) Used:
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 25 26 27 28

Weather Entry:
Time: 91Jan20 at 8:21:18
Dew Point: -4.5jC
Temp.: 2jC
Wind: w @ 4.0 m/s
Bar. Pressure: 789mbars
Remarks:: The sky is clear.

Weather Entry:
Time: 91Jan20 at 14:12:52
Dew Point: -4jC
Temp.: -1jC
Wind: n at 2 m/s
Bar. Pressure: 790mbars
Remarks:: Sky Cover is 100%. Stratusform type. possible rain

Observing data is recorded on tape:
Tape #: N1834
File #: 1
Time of Final Record: 91Jan20 at 12:29:54

Observing data is recorded on tape:
Tape #: N1835
File #: 1
Time of Final Record:

Monitor data is recorded on tape:
Tape #: N1845
File #: 5
Time of Final Record:

Comments made by the operator concerning this program:

Start Time: 91Jan20 at 8:14:00

End Time:

Comment:

Start of observe file. The band(s) used are L band(s).

Start Time: 91Jan20 at 8:16:00

End Time:

Comment:

On source 1252+119 with all available antennas.

Start Time: 91Jan20 at 8:50:00

End Time: 91Jan20 at 8:53:00

Form #: Other

Ants: 27.00

Down T.: 81.00

Comment:

The calibrator seems to be less than half advertized..at 0.050..rather than at 0.100..So I will skip to file SYSSTART for checkout of good Calibrator..

Start Time: 91Jan20 at 8:54:00

End Time:

Comment:

"We are back to regular observing, The formula should be twice for Spectral" line so The amplitudes should be at 0.050 x2 would be 1.00 as advertized..

Start Time: 91Jan20 at 9:10:00

End Time:

Comment:

I checked out the Correlator Room and found the R.A. side temp. warning (B/D) light in the ON condition..I do not Know how long This has been on..I reset "the cabinet and the condition has not returned,,I will continue to monitor.."

Start Time: 91Jan20 at 14:14:17

End Time:

Comment:

Ran a backup on the Modcomp partition where observe files are kept.

Start Time: 91Jan20 at 15:39:00

End Time:

Form #: Unschedule

Ants: 1.00

Down T.: 0.50

Comment:

Antenna(s) 26 - LO - Antenna Problem(s); There was an LO PHASE JUMP.. Observing Data: Corrupted

Start Time: 91Jan20 at 16:03:00

End Time:

Form #: Unschedule

Ants: 1.00

Down T.: 0.50

Comment:

Antenna(s) 26 - LO - Antenna Problem(s); There was an LO PHASE JUMP.. Observing Data: Corrupted

Start Time: 91Jan20 at 16:12:40

End Time:

Comment:

End of program AG318

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