

Buccino, Dustin R (332K)

From: Barbinis, Elias (332K) <elias.barbinis@jpl.nasa.gov>
Sent: Wednesday, June 19, 2013 2:17 AM
To: rs
Subject: Cassini Report: S79, 2013/179 DSS-43 Occultation ORT

13 170 0340 0440 0830 0845 DSS-43 CAS TP RS192-OCCORT 5742 1647 1A1

DSS-43

X -band (DCC-02) and S-band (DCC-01)

- Weather: Fine, wind speed: 7.4 Km/hour
- Equipment: Green.
- S-band 3-way/14 signal present at BOT
- X-band was very weak and the station did not lock on X-band until 05:31 (DR #: C109407)
At 05:18 station reported that they have problems with the LNA and they do not have a backup.
Maintenance was called.
- Bandwidths for X-band: 1, 16, 50, 100 KHz, Record 1
- Bandwidths for S-band: 1, 16, 50, 100 KHz, Record 1
- fgain X 48, S 50
- S/C not rolling
- U/L transfer from DSS-14 to DSS-43 at 04:50

- Switched to 2-way at 07:22:49

- SNT for X-band: 22.308, for S-band: 27.298 (at 06:17)

Data to be played back to endo and placed at /rssg/data/CAS/2013_170/ORT/RSR

X-band:

RSR2A1

1KHz, 16 bits

Start: 170/04:30:00

Stop: 170/08:35:00

S-band:

RSR2B1

1KHz, 16 bits

Start: 170/04:30:00

Stop: 170/08:35:00

