

Buccino, Dustin R (332K)

From: Barbinis, Elias (332K) <elias.barbinis@jpl.nasa.gov>
Sent: Monday, October 28, 2013 8:04 PM
To: rs
Subject: Cassini SCE10 Report: S81, 2013/299 DSS-43

Cassini DOY 299 DSS-43 SCE10 Report, October 26, 2013

13 299 2100 2200 0600 0615 DSS-43 CAS TP RS198-SCE10 5872 1645 1A1

Pass scripted

- Weather: Fine, per Ace Log
- Equipment: Green, per Ace log
- Bandwidths for X-band and S-band: 1, 16, 50, 100 KHz, Record 1 KHz
- fgain X 48, S 50
- Transmitter On at 22:10:00

- S/C not rolling

- 1-way referenced to AUX OSC
- 1-way signal drifting:
 - 2205 x resid 94, s resid 25
 - 0110 x resid -91, s resid -25

- Switched to 2-way at 01:10:44

- Per Ace Log, DR# C109586 was written on a DSN problem: momentary X-band glitch causing approx. 1-min MCD outage -reason unknown. ~ 0333-0334 UTC.

Data played back to endo and placed at /rssg/data/CAS/2013_299/SCE/RSR

DSS-43

X-band
RSR2A1
1KHz, 16 bits
Start: 299/21:50:00
Stop: 300/06:05:00

S-band:
RSR2B1
1KHz, 16 bits
Start: 299/21:50:00

Stop: 300/06:05:00