

## Buccino, Dustin R (332K)

---

**From:** Barbinis, Elias (332K) <elias.barbinis@jpl.nasa.gov>  
**Sent:** Thursday, October 24, 2013 8:42 PM  
**To:** rs  
**Subject:** Cassini SCE10 Report: S81, 2013/297 DSS-43

### Cassini DOY 297 DSS-43 SCE10 Report, October 24, 2013

13 297 2100 2200 0500 0515 DSS-43 CAS TP RS198-SCE10 5870 1647 1A1

- Weather: Fine, No wind
- Equipment: Green
- X-band and S-band 1-way signals present before BOT
- 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:
  - 2200 x resid 113, s resid 31
  - 0110 x resid -95, s resid -26
  
- Switched to 2-way at 01:10:36
  
- SNT at 03:27, for X-band: 18.796, for S-band: 28.298

Operator left at 03:30 after queuing the RSRs

Data will be played back to endo and placed at /rssg/data/CAS/2013\_297/SCE/RSR

#### DSS-43

X-band

RSR2A1

1KHz, 16 bits

Start: 297/21:50:00

Stop: 298/05:05:00

S-band:

RSR2B1

1KHz, 16 bits

Start: 297/21:50:00

Stop: 297/05:05:00