



**Network
Control
Center**

**STDN DAILY REPORT
FOR GMT DAYS
24, 25, 26 AND 27 JAN 2002**

Part I. Operations

24 JAN.

A. SN Anomalies:

1. NCC Operator Errors

24/1356Z-1602Z

Fuse and EO1 reported they were not receiving telemetry. TM advised that NCC had entered the wrong configuration codes for these supports. TTR # 24195

TDW EO1 1400-1419Z – 19 Mins Svc/Data Loss Recoverable
275 FUSE 135641-1435Z – 39 Mins 19 Sec Svc/Data Loss
Non-Recoverable
275 EO1 1525-1602Z – 37 Mins Svc/Data Loss Recoverable

B. ISS Anomalies:

1. ISS Support

24/0133-0148Z

TDRS 7 Handover from SGLT 5 to SGLT 3 was aborted due to a possible software problem. A retransmitted SHO for WSGT was not downloaded in time to support event start on SGLT 5, due to NCC Scheduling error. CSC manually entered the SHO to restore service. TTR # 24194

171 013320-022314Z 14 Mins Svc/Data Loss Non-Recoverable

C. GN Anomalies:

1. AGS/FAST Support

24/1659-1704Z

There was not any data being processed by the FEP at AOS. Further investigation revealed the unit was not responding to any VT-320 commands, appeared to be "frozen". A reboot was initiated and after the boot process was completed, system was activated for the support. Further investigation revealed that remaining 2 FEP'S were in the "frozen" state, reboot of both units cleared the problem. During reboot of the Master Computer, the FEP'S were still connected, this may have been the root cause of the FEP failures. CDS ID #30229

TOTS-1 4 Mins 29 Sec Svc/Data Loss (Recov)

2. AGS/TOMS-EP Support

25/1931-1945Z

POCC experienced a negative acquisition due to problem with a router at IPNOCC. CDS # 30231 & 30232

TOTS-1 14 Minutes Svc/Data Loss Recoverable

25 JAN.

A. SN Anomalies:

1. STGT/TOPEX Support

25/2242-2252Z

The Position Display Unit shutdown which caused the 19M ground antenna to off-point from TDRS-6. TTR # 24196
DR # 43998

TDS TOPEX SSA2-R 10 Mins Svc/Data Loss Recoverable

B. ISS Anomalies:

1. STGT/ISS Support

25/2242-2252Z

The Position Display Unit shutdown which caused the 19M ground antenna to off-point from TDRS-6. TTR # 24196
DR # 43998

TDS ISS SSA1-R 9 Mins 54 Secs Svc/Data Loss Non-Recov

C.GN Anomalies:

1. WGS/All Support

25/0701-0835Z

Circuit breaker in UPS building tripped causing loss of power to the entire station. Power was out for 1 hour and 34 minutes while waiting for the electricians to bring the key so the breaker could be reset. CDS #30230

UPS 01 Hr 34 Mins Service Loss

2. AGS/TOMS-EP

25/1931-1945Z

After start of event, TMOC inquired about their not receiving data from AGS. AGS verified that the system was configured for TOMS-EP. Also, the site verified data blocks being sent offsite. IPNOCC investigation revealed that the problem was with one of the routers. Telemetry & Command were affected. CDS ID# 30231 and 30232

TOTS-1 14 Mins Svc/Data Loss Recoverable

3. AGS/FAST

25/2318-2345Z

Prior to AOS, the TOTS SA receiver HPIB bus locked up and impacted the ACC and its orbit schedule. This also impacted the the Master. The TM operator was watching the pass configuring on the LEOT, as if it was a joint pass and erroneously announce

AOS. The BS1 at the LEOT was switched to local and locked up on telemetry. The Master and ACC SPECAN looked nominal when last checked. CDS ID # 30233.

TOTS-1 4 Mins. 10 Sec Service Loss

26 JAN.

A. SN Anomalies - None.

B. ISS Anomalies:

1. WSGT/ISS Support

26/0109-0119Z

ISS SHO for reason unknown failed to get schedule on SGLT-5. TTR # 24197

171/SSA1F/R 9 Min. 53 Sec. Svc/Data Loss (Non-Recov)

C.GN Anomalies:

1. WGS/EO-1 Support

26/0233-0241Z

Station equipment S-band data combiner failed. Operator was able to patch the S-band tracking combiner to the bit sync and obtained lock. CDS ID # 30235

11 Meter Antenna 0233-0245Z 7 Min. 59 Sec. Svc/Data Loss (Recov)

2. WGS/TOMS-EP Support

26/0410-0424Z

Station equipment Antenna Control Console kept applying the brakes to the antenna causing the antenna to halt. CDS ID # 30236

9 Meter Antenna 0409-0423Z 12 Min. 47 Sec. Svc/Data Loss
(Recov)

D.**TDRS-7** (171) was handed over from SGLT-5 to **SGLT-3**
at 026/1509Z

27 JAN.

A.SN Anomalies:

1. STGT/ERBS Support

27/0947-0948Z

POCC reported 11 second return service dropout on the
Q-channel reason unknown. TTR # 24198

TDS MAR 2 0935-0956Z 11 Sec. Data Loss (Recov)

B. ISS Anomalies - None.

C.GN Anomalies:

1. AGS/WIRE Support

27/1628-1637Z

WIRE spacecraft was two minutes late, pass was schedule
at 1628 vice 1631 per the schedule view period. Several
commands came in before AOS and didn't reach the spacecraft.
CDS ID # 30238

TOTS-1 Link was dropped by project via TPCE before pass was
completed.

Part II. NCCDS Anomalies (OE Report):

System Anomalies: 1525Z - SAS was halted and restarted per TM
request. The NCC is not receiving Acknowledgements from WSGT.

1527Z - SAS was back online at this time. No change in the status. Database was notified and will investigate on day shift.

System Anomalies: 0600Z - The TM reported no UPD data is going to the POCCs. The TM requested rebooting the SCD1 system since there were no messages leaving the NCC . The OE halted and restarted SCD1 at 0620Z. The problem still existed. Another reboot was performed and no change in the status. The OE also failed over NPG0 to NPG1. The failover did not clear the problem. The OE failed back to NPG0. The TM requested a CCS coldstart at 0710Z and the coldstart was completed at 0717Z. The TM reported that the POCCs were receiving ODMs at this time.

0819Z - The TM reported the NCC has no GCMR transmit capability and to notify someone via the OPS beeper. The call was placed and operations is waiting for a response.

TM NOTE:

FRED SHAKLAN CAME IN CLEARED THE PROBLEM.

Part III. Scheduled Activities:

**TDRS-I Network Testing with (RID DSS-54) and Boeing
028/1630-1930Z**

SPOT-5 (RG+) Launch Simulation 28/1900-29/0200Z.

Part IV Forecast Changes

- * 1.) H3334LS (TITAN II/DMSP) NET 13 FEB.,2002 T-0 = 1617Z
- * 2.) H3332LS (ATLAS/ECHOSTAR VII) 052 21 FEB.,2002
T-0 = 1213Z
- * 3.) M8000MS (ISS PROGRESS 6P UNDOCK)NET 26 FEB, 2002

T-0 = UNKNOWN

* 4.) M8000MS (ISS PROGRESS 7P LAUNCH)NET 28 FEB.,2002
T-0 = UNKNOWN