



**Network
Control
Center**

**STDN DAILY REPORT
FOR GMT DAYS
18, 19 AND 20 JUNE , 2001**

Part I. Operations

18 JUNE

A. SN Anomalies - None.

B. ISS Anomalies:

1. WSGT ISS Support

18/1539-1556Z

High Data Rate Receiver B chain experience a false lock and a manual chain failover had to be done to restore service.

TTR # 23936 DR # 43165

171 KSAR2 15 Min. 52 Sec. Svc/Data Loss

C. GN Anomalies:

1. SKS/QST Support

18/0902-0911Z

The POCC experienced service/data loss due to the station STPS1 system failure. CDS ID# 19013

0902-0914Z 9 Mins. Service/Data Loss Recoverable

2. WGS/SAMPEX Support

18/0939-0949Z

Operator reported he was unable to get a real-time socket connection for support. Due to no connection we were unable to send commands to spacecraft. We were able to due a post-pass playback of the real-time. CDS ID# 19010

TOTS-3 2 Mins. Service Loss

3. AGS/EO-1 Support

18/2042-2104Z

At initialization time the Master sent the schedule to the SCC. The SCC failed to generate the pass. The operator attempted to schedule the event manually, but there was no pass with the scheduled view time. We evaluated the ephemeris and found that the Brower Mean had a date of 168.xxxxx. This did not correspond with the IIRV that was attached to the schedule. The IIRV had a date of 169/19:50:24. When the IIRV was loaded manually the SCC did generate a pass with the correct view times. We were not able to recreate the problem once the IIRV was loaded. The master date and the SCC tle.txt files were checked and no anomalous EO-1 vectors were found. The SCC log did not indicate that any anomalies occurred. CDS ID # 19024

11M 2050-2104Z 14 Min. Svc/Data Loss (Non-Recov)

D. ATLAS II AS/ICO A1-F2 Successfully lifted off at 19/04:41:00Z

19 JUNE

A. SN Anomalies - None.

B. ISS Anomalies:

1. WSGT ISS Support

19/0130-0145Z

Station equipment failure High Data Rate receiver experience a false lock. POCC reported a problem with the data about 1 minute before RF was lost at the end of the event.

171 KSAR1 0127-0206Z 13 Min. 23 Sec. Svc/Data Loss

C. GN Anomalies:

1. AGS/EO-1 Support

19/0140-0146Z

EO-1 #3048 (170/01:42Z), S-Band only event. Just Prior to AOS the Range experienced a system wide power failure. Power was back on line approximately 5 minutes later. The antenna was at the IP and stayed there through out the support period. After systems reset the antenna was moved to the stow position at approximately 170/01:53Z. Post event it was noted that this Power failure was for most of the Fairbanks AK area. Resolution: After power was restored and the systems were reset the antenna was moved to the stow position at approximately 170/01:53Z. A complete reboot of the Master PC and all nodes was also done System was back up for operations at approximately 170/02:20Z
CDS ID # 19025

11M 0142-0152Z 10 Min. Svc/Data Loss (Non-Recov)

2. SGS/EO-1 Support

19/1807-1821Z

Station HPA equipment failure POCC unable to get commands to Spacecraft. CDS ID # 19035

11M 13 Min. Svc/Data Loss (Non-Recov)

3. SGS/QST Support

19/1845-1901Z

Station equipment HPA failure POCC unable to Command Spacecraft. CDS ID # 19036

11M 16 Min. Svc/Data Loss (Non-Recov)

D. TDRS-4 West maneuver was nominal.

20 JUNE

A. SN Anomalies - None.

B. ISS Anomalies - None.

C. GN Anomalies:

1. WGS/FAST Support

20/1503-1513Z

For approximately the first 10 minutes of the support the video was jumping and the station was taking a lot of CRC errors. After approximately 10 minutes everything seem to normalize and there were no other apparent problems throughout the remainder of the pass. Reason for this 10 minute problem is unknown at this time. CDS ID# 19044

TOTS 1503-1533Z Degraded Data Amount Is Unknown

2. SGS/TERRA Support

20/1610-1623Z

When Terra MOC sent the command for 512, we saw that the bit sync lock was unstable throughout the dump. Monitoring on GSIP/PTP confirmed that the data wasn't clean. We saw some drops on the 16 I-channel as well SKS, shadow tracking this support for testing purposes only saw the drops on both I and Q channel. We played that data back from tape to the GSIP, but EDOS reported zeros only, thereby useless data on the 512-channel. CDS ID# 19046

11M 2 Mins. 30 Secs. Data Loss Recoverable (Unknown)

F. TDRS-6 West Maneuver was nominal.

Part II. Testing Anomalies

A. SN Test - None.

B. GN Test - None.

Part III. Equipment Status Changes - None.

\$ = Changed ETRO

** = New Items

Part IV. Scheduled Activities - None.

USCG Pre-ship TILT RF Checkout 21/1400-1903Z

TNOC/SKS AQUA GSIF Tiger Team Data Interface Test #2
21/1700-1900Z

Engineering Test w/JASON-1 POCC WFF & PKRR 21/1815-1900Z

AQUA SGS GSIF Tiger Team Data Interface Test #2
21/2015-2215Z

Part V. Launch Forecast Changes

*1.) W1576LS (PEGASUS/HESSI) INDEFINITE .,2001
T-0 = UNKNOWN