



**Network
Control
Center**

STDN DAILY REPORT
FOR GMT DAYS
12, 13 AND 14 FEBRUARY 2001

Part I. Operations

12 FEBRUARY

A. SN Anomalies - None.

B. ISS/ECOMM Anomalies - None.

C. GN ANOMALIES:

1. WGS/SNOE Support 12/0435-0446Z

POCC called not receiving real-time data. Station did not see commands coming to site. Event log showed several error messages reason unknown. TTR # 23589 CDS ID Number 18073

LEO-T 0435-0436Z 11 Min. Service/Data Loss (Recov)

2. AGS/QUIKSCAT Support 12/0500-0515Z

QUIKSCAT passes not on master schedule orbit number 8602 was missed due to pass not on the master. Anomaly is under investigation. TTR # 23590 CDS ID # 18074

11M 0500-0515Z 15 Min. Svc/Data Loss (Non-Recov)

3. WGS/SWAS Support 12/0639-0647Z

WGS reported Master computer hung prior to AOS. The WFEP was started manually with no data loss. The Master computer had to be rebooted to clear the anomaly and the Metrums recorders were started late. TTR # 23591 CDS ID # 18075

9M 0635-0646Z 4 Min. Svc/Data Loss (Recov)

4. AGS/SAC-C Support

12/0815-0819Z

Tracking Data to FDF only support. 3m 11sec loss at AOS and 2min 08 sec loss at LOS due to early termination of the support. The EPOCH in the ACC was DOY 036, which matched the last file from FDF in the Tracking Data Formatter and should have matched the data on the transfer disk. Post Pass, new IIRV's were loaded into the ACC using Sop's and the scheduled times were checked and found to match the WOTRIS schedule. The scheduled support time (for this support) in the ACC was early by 2m 10 sec when compared to the new IIRV data that was just loaded. TTR # 23592 CDS ID # 18076

TOTS 0815-0829Z 5 Min. 19 Sec. Svc/Data Loss (Non-Recov)

5. SGS/LANDSAT-7

12/1403-1406Z

Norway reported two significant dropouts totaling 2 Min 16 Sec due to loss of X-Band auto tracking. The problem is under investigation. TTR # 23595 CDS ID # 18081

11 Meter 1356-1410Z 2 Min. 16 Sec. Svc/Data Loss (Non-Recov)

6. WGS/SAMPEX Support

12/1529-1538Z

Station LEO-T command modulation anomaly found problem to be bad Kronhite filter. The filter has been bypassed and appears to be working. TTR # 23597 CDS ID # 18092

LEO-T 1529-1538Z 9 Min. Svc loss only

7. WGS/IRS-P3 Support

12/1532-1721Z

Station reported no downlink on the 11-METER ANTENNA or LEO-T. Anomaly is under investigation. TTR # 23598 CDS ID # 18093

11 METER 1532-1544Z 12 Min. Svc/Data Loss (Non-Recov)
11 METER 1714-1721Z 7 Min. Svc/Data Loss (Non-Recov)

13 FEBRUARY

A. SN Anomalies - None.

B. ISS/ECOMM Anomalies - None.

C. GN Anomalies:

1. AGS/QST Support 13/0152-0204Z

AGS Master Controller quit setup procedures just prior to AOS. The operator had to configured the system manually prior to system auto load. TTR # 23607 CDS ID # 18108

11 METER 0152-0204Z 12 Min. Svc Loss only

2. WGS/FAST Support 13/0223-0244Z

Spacecraft commands rejected by LEO-T system. Commands sent from PROJECTS were not up-link to Spacecraft reason unknown. TTR # 23599 CDS ID # 18094

LEO-T 0223-0244Z 20 Min. 54 Sec. Command Data Loss.

3. WGS/SOLAR Operator Error 13/0657-0707Z

Operator failed to start recorders for support. Station Operator was involved with another support. Solutions have operator pay more attention to support. TTR # 23600 CDS ID # 18095

11 METER 0657-0707Z 4 Min. 49 Sec. Svc/Data Loss
(Non-Recov)

4. SGS/EO-1 Support 13/1440-1454Z

EO-1 MOC lost socket connection. Operator tried to re-enable streams but the PTP #1 kept hanging up. To clear the anomaly the operator had to reboot the PC after support. TTR # 23601 CDS ID # 18097

11 METER 1440-1454Z 13 Min. 18 Sec. Svc/Data Loss (Recov)

5. WGS/SAMPEX Support 13/1527-1535Z

LEO-T re-sync card did not initialize. POCC unable to command. Station replaced filter. TTR # 23602 CDS ID # 18100

LEO-T 1527-1535Z 8 Min. Svc Loss No data loss declared

6. WGS/TOMP-EP Operator Error 13/1553-1606Z

11-METER uplink not turned off for passive track. Operator failed to disable the uplink on the TOMS pass. This cause two carriers to be into the Spacecraft and unable to command. An attempt was made to bring down the carrier on the 11-METER but is was to late in the pass to save the dump. It was confirmed that the commands from the 9-METER were getting into the Spacecraft prior to LOS. TTR # 23603 CDS ID # 18099

11 METER 1553-1606Z 13 Min. Svc/Data Loss (Recov)

7. WGS/FAST Support 13/1607-1615Z

It appears that the problem with lack of modulation on the carrier is still present. Minutes into the pass the mod was not showing on the spectrum. Went to the rear and removed the cable from the output of the psk sub carrier and the input to the tss2000 and put a jumper cable from the psk subcarrier directly to the tss2000, bypassing the filter and switch. When this was done the mod appeared on the spectrum however, the receivers dropped lock, the cables were normalized and data relocked. TTR # 23605 CDS ID # 18102

LEO-T 1607-1615Z 2 Min. Svc/Data Loss (Recov)

8. WGS/IMP-8 Operator Error

13/2130-2200Z

No real-time data to IMP control. Station is down for the week for a transformer change out at the transmitter building. The real-time data was not put on line at the designated time, Station personnel missed the entry on the schedule for real-time data. TTR # 23604 CDS ID # 18103

SATAN Antenna 2130-2200Z 30 Min. Svc/Data Loss (Recov)

9. SGS/QUICKSCAT Support

13/2157-2212Z

During QST support PTP #1 card and PTP #2 card lost clock. Reason unknown to clear the anomaly Station had to unplug all cards in the PTP. TTR # 23606 CDS ID # 18107

11 METER 2157-2212Z 15 Min. Svc/Data Loss (Recov)

14 FEBRUARY

A. SN Anomalies - None.

B. ISS/ECOMM Anomalies - None.

C. GN Anomalies

1. WGS/FAST Support

14/0449-0456Z

The TOTS antenna terminated track and stowed the antenna before the support was completed reason unknown.
TTR # 23609 CDS ID # 18109

TOTS 0430-0456Z 6 Mins 35 Sec Svc/Data Loss (Recov-Unk)

2. AGS/EO-1 CP Anomaly

14/2329-0008Z

AGS experienced a loss of five T-1 circuits. AT&T reported that the outage originated from out site. Our investigation yielded no clues as to where the problem originated. The only common

link to the five T-1's is the local Telephone Companies Microwave system. TTR # 23610 CDS ID # 18112

11 METER 2342-2353Z 11 Min. Svc/Data Loss (Recov)

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:

MTRS-1 and MTRS-2 TDRS Test 15/0237-0337Z

Low Power Transceiver Demonstration 15/1400-1830Z

Engineering Test with JASON-1 POCC,WFF, PKRR
15/1700-1730Z

AGS/SGS/WGS TERRA GSIP Parallel Operations Phase II Test
15/2009-2019Z

STS-102 Terminal Countdown Demonstration Test (TCDT)
15/0830-1720Z

Part V. Launch Forecast Changes

* 1.) D5907LS (TITAN-IV/B41) NET 24 FEB.,2001 T-0 = LAUNCH
PERIOD 1909-2309Z

