



**Network
Control
Center**

**STDN DAILY REPORT
FOR GMT DAYS
29, 30 AND 31, JANUARY 2001**

Part I. Operations

29 JANUARY

A. SN Anomalies

1. TERRA Support

29/2247-30/0013Z

Start of event nominal. No GCMR requested during briefing. TERRA OC requested CSC to 'up' their site, TM informed CSC that TERRA site was not down. TERRA noted that the anomaly was on their end and requested a forward failover to 'B'. TERRA noted two workstations down and started reboots. TERRA requested a forward failover back to 'D' and the remainder of event nominal. No data/service loss declared by the POCC. TTR # 23543

TDS SSA2F/R

B. ISS/ECOMM Anomalies - None.

1. ISS Support

29/0509-0533Z

ISS had a negative acquisition at the start of event. No RF present. Houston announced that they were going to high data rate OCA. Once at OCA, Houston did a forward frequency offset. After returning to center Frequency, RF came up. WSC had carrier lock and PN lock, but no Bit Sync/Decoder lock. RF signal was good. Houston then switched back to low data rate (20.48k). At this time RF went away. Houston sent another forward frequency offset, still no RF. Houston reported that they were probably in blockage. At 05:32:31 RF came up and IR achieved lock for 16 seconds, dropped lock for 12 seconds, then locked at

05:32:59 for the remainder of the event. TTR # 23539

TDS 0509-0542Z 22 Mins. 56 Secs. Data Loss Recoverable

2. ECOMM Support 29/1712-1720Z

WSGT equipment anomaly IR failed which resulted in LMT reset of IR and a chain failover. TTR # 23540 DR # 42409.

275 1709-1745Z 6 Min. 24 Sec. Svc/Data Loss (Recov)

C. GN ANOMALIES

1. AGS/WIRE Support 29/1637-1638Z

TPCE dropped connection during real-time support. All commands were sent. Data was transmitted post pass. TTR # 23541 CDS ID # 17970

TOTS 1631-1640Z 45 Sec. Svc/Data Loss (Recov)

2. AGS/QUIKSCAT Support 29/1255-1318Z

Station TDF failed during real-time support. Post Pass the Master computer was reset to clear the TDF red box. TTR # 23542 CDS ID # 17971

11M 1255-1318Z 23 Min. Svc/Data Loss (Recov)

30 JANUARY

A. SN Anomalies :

1. STGT/ERBS Support 30/2200-2205Z

MA return service failed to lock at SHO start reason unknown. TTR # 23546

TDW MA5/R 2159-2230Z 3 Min. 42 Sec. Svc/Data Loss (Recov)

B. ISS/ECOMM Anomalies - None.

C. GN Anomalies :

1. AGS/QST Support

30/0608-0621Z

The 11-meter dish stopped moving in the azimuth plane. AOS was acquired with the azimuth at 24 degrees, and the dish never left that position. Went over to program track with same results, the dish would not move in the azimuth plane. The SCC never indicated an alarm condition, and at the end of the mission, the antenna normalized itself, and still indicated no errors.

TTR # 23544 CDS ID # 17976

11M 13 Mins. Service/Data Loss Non-recoverable

2. AGS/Multiple Supports

30/1930-2122Z

At 19:37:34, AGS loss data connections to GSFC when our T1-956770 was reported cut by unknown source. Circuit was reported in service by the Comm Manager at 20:23Z. We experienced another disconnect during the next LS7 O/N 9557 support. The Comm Manager reported that AT&T was performing unobtrusive testing during the anomaly. Post pass line checks were performed by AT&T and lines were normalized. Station also conducted linechecks with LS7 MOC for approximately thirty minutes with no interruption of service. TTR # 23547

CDS ID # 17987

11M LSAT-7 1930-1944Z 7 Min 22 Sec Svc/Data Loss Recov

11M SAC-C 1931-1944Z 7 Min 22 Sec Svc/Data Loss Recov

11M LSAT-7 2108-2122Z 8 Min 49 Sec Svc/Data Loss Recov

11M LSAT-7 2108-2122Z 5 Min 30 Sec Svc/Data Loss Recov

31 JANUARY

A. SN Anomalies :

1. UARS Support

31/0554-0928Z

Four UARS events were reported by POCC I CHANNEL data was not being received by TPF reason unknown. COMM MANAGER found no reason why TPF was not receiving data. TTR # 23548

TDW 0554-0624Z 30 Min. Svc Loss.

TDE 0638-0706Z 28 Min. Svc Loss

TDW 0739-0810Z 31 Min. Svc Loss

TDE 0819-0846Z 27 Min. Svc Loss

2. FUSE Support

31/1702-1704Z

FUSE POCC reported loss of socket connection 20 minutes into TDS event POCC was commanding at the time. After reconnection the POCC retransmitted commands with no problem. No data loss declared. TTR # 23549

TDS 1642-1712Z 30 Min. Svc Loss only.

B. ISS/ECOMM Anomalies - None.

C. GN Anomalies :

1. SKS/Multiple Supports

31/0532-1234Z

The process documented in the ICD was not followed. KLMSDS is notified by Wallops Scheduling Group (WSG) by voice for passes scheduled less than 24 hours prior to the pass. We confirm the schedule by e-mailing WSG back the accepted passes. We received the schedule update after we left for the day and did not confirm the schedule with WOTIS. Consequently, this Quikscat pass was not supported by KLMSDS. TTR # 23550
CDS ID # 17988,17989,17990

QST 0532-0547Z 14 Mins 21 Sec SVC/Data Loss (Recov Unknown)

QST 0857-0909Z 11 Mins 57 Sec Svc/Data Loss (Recov Unknown)

QST 1223-1234Z 11 Mins 26 Sec Svc/Data Loss (Recov

Unknown)

2. SKS/QST Support

31/1404-1417Z

The KLMSDS ground system was configured for testing, and due to a communication outage the configuration state was unknown to the KNOC Operators. When we were able to reconfigure, the reconfiguration was not completed in time to capture the data. A Level 1 software change has been submitted to provide the ability to more rapidly reconfigure following a communication outage. TTR # 23551 CDS ID # 17991

12 Mins 52 Sec Svc/Data Loss (Recov Unknown)

3. SKS/QST Support

31/1550-1600Z

The real time portion of the downlink (4K) dropped lock when the back orbit housekeeping dump (262K) started. The real time data stayed out of lock for the remainder of the pass. TTR # 23552 CDS ID # 17992

1545-1600Z 10 Mins Data Loss (Non-Recov)

4. AGS/LSAT-7 Support

31/2156-2205Z

AGS PTP1 halted during the support. LS7 MOC reported data flow stop for the 256 Kbs stream. PTP socket connections displayed "socket waiting". PTP was restarted without effect. LS7 MOC said that the last 20 blocks would be recovered on the next pass for 256 Kbs. LS7 MOC declined a playback of the 256 Kbs stream. TTR # 23553 CDS ID # 17993

2151-2205Z 6 Mins 37 Sec Svc/Data Loss (Recov)

Part II . Testing Anomalies

A. SN Test - None:

B. GN Test - None.

Part III. Equipment Status Changes:

C. GN Red Items:

\$ 1. MIL 073: TR30:01, Analog Mag Tape Recorder, RY 01061300Z, ETRO: Unknown. Pinch rollers was purchased locally And installed. Made tape tension adjustment and ran Noise checks on each channel all twenty channel are Operative at this time. Analog tape was replaced with New one. MILA able to purchase parts locally.

\$ 2. MIL 074: TR30:02, Analog Mag Tape Recorder, RY 01061500Z, ETRO: Unknown. 6REKA one deck inoperative. MILA has Two recorders which parts has been used to repair One deck on each recorder. MILA purchased pinch Rollers locally and installed and adjusted tape tension pressure on recorder. Nine channels are Working 11 are inoperative.

\$ = Changed ETRO

** = New Items

Part IV. Scheduled Activities:

MRTS-1 AND MRTS-2 TDRS Test 13/2130-08/0200Z

STS-102/5A.1 MPLM End-To-End Test 29/1300-01/0100Z

ISS JSC/WSC SCD 5.0 Engineering D/F Test 31/1500-32/1459Z

QUIKTOMS I&T #1 Telemetry and Command Test 31/1730-2130Z

Part V. Launch Forecast Changes

* 1.) W1502LS (LDBP) NET 08 FEB.,2001 T-0 =
UNKNOWN

* 2.) D5907LS (TITAN-IV/B41)
LAUNCH PERIOD

NET 11 FEB.,2001 T-0 =