



**Network
Control
Center**

STDN DAILY REPORT
FOR GMT DAYS
30, 31 OCTOBER 2000
and NOVEMBER 1

Part I. Operations

30 OCTOBER

- A. SN Anomalies: - None.
- B. ISS/ECOMM Anomalies - None.
- C. GN Anomalies:

1. SGS/QuickScat Support 30/0136-0530Z

QMOC reported they did not receive HK1 file post pass Orbit 7103. When trying to get in contact with SAFS this station received "Connection Failed". The station had not solved the problem before the 04:41Z contact so none of those files were transferred. After joint troubleshooting with the SAFS team a restart of the SAFS was performed and the station manually resent the files from Node to SAFS. TTR # 23081 CDS ID # 17297

012045-013603Z 15 Min. 18 Sec. Svc Loss Only
044146-045634Z 14 Min. 48 Sec, Svc Loss Only

2. SGS/Landsat-7 30/140802-140910Z

Both X-Band and S-Band Receivers lost lock. The receivers went to program track, locked and autotracked out again. The operator manually disabled autotrack which resulted in good lock on all receivers. The operator went back to autotrack with good results. TTR # 23083 DR # 17299

140159-141620Z 1 Minute 08 Seconds Svc/Data Loss (Non-Recov)

3. WGS/ACR

30/155300-155820Z

Master-2 failed to send the schedule to the SCC and associated equipment. The support was taken manually, including loading updated ephemeris into the system. The SCC was scheduled and the support was successfully taken with no data loss. The Project was able to get all their data and commands to the Spacecraft. TTR # 23082 DR # 17298

154800-160200Z 5 Minute 20 Seconds Svc Loss

4. MGS/RADARSAT Support

30/072700-31/001018Z

The AMPEX tapes were removed for shipping and put into safe (write protected) mode. It then was decided to return the tapes to the recorders for 2 more passes. The tapes were not returned to unprotected mode. This caused the recorders to refuse to record these passes until the tapes were again switched to unprotected mode. TTR # 23084 DR # 17302

042500-001328Z 3 Min. 11 Sec. Svc/Data Loss (Non-Recov)

D. SOYUZ/ISS 2R launched successfully at 305/075247Z

31 OCTOBER

A. SN Anomalies: - None.

B. ISS/ECOMM Anomalies:

1. ISS Support

31/193332-194915Z

ISS experienced data loss due to a Aggregate card failure in GDIS MUX/DEMUX at WSGT. WSGT had to reset the GDIS MUX/DEMUX and manually reconfigure the active data paths to clear the anomaly. TTR # 23065 DR # 42207

275 SSAR1 1916-1958Z 15 mins 43 secs service/data loss
non-recoverable

C. GN Anomalies:

1. AGS/LANDSAT-7 Support 31/194800-200200Z

LANDSAT Project had a problem with their UPLOAD and did not transmit the UPLOAD for this support. The Project was queried post pass and the UPLOAD build failed the test bed. The UPLOAD will have to be rebuilt and transmitted on a TDRS support. TTR # 23085 DR # 17310

194800-200200Z No Data Loss Declared

2. SGS/QST Support 31/211105-212619Z

The socket connection on module 07 was unstable, during the support we tried to re-enable the module (Command LEOT CHD Receiver Module), re-enable gave no improvement. The connection broke every 43 seconds and it was decided that QMOC were going to perform the command upload through WGS. The real-time connection was stable throughout the support, and so far we don't know if it was the comm-lines between SGS and QMOC, the SGS PTP or some equipment at QMOC. TTR # 23086 DR # 17312

15 Min. 14 Sec. Svc Loss Only..

D. TDRS-3 West maneuver was nominal.

01 NOVEMBER

A. SN Anomalies: - None.

B. ISS/ECOMM Anomalies

1. ISS Support 01/114420-114428Z

ISS POCC reported a dropout, reason unknown. STGT delog indicated that both chains dropped lock. No data loss was declared. TTR 23088

TDS 1111-1146Z 8 seconds service loss

C. GN Anomalies:

1. AGS/QST Support 01/085930-091200Z

The PTP failed at initialization. No realtime data was transferred to the QMOC. The PTP was rebooted post pass.
TTR # 23089 CDS ID# 17313

12 minutes 30 seconds service/data loss recoverable

2. AGS/FAST & TRACE Supports 01/132900-160000Z

The Command Encoder failed to reset, no command data was transmitted to the PSK Sub-Carrier Generator. No commands were sent for the following supports.
TTR # 23090 CDS ID # 17314

FAST 1329-1359Z 20 mins svc/data loss non-recoverable
TRACE 1412-1424Z 12 mins svc/data loss non-recoverable
TRACE 1515-1600Z 24 mins 11 secs svc/data loss
non-recoverable

3. SGS/LSAT-7 Support 01/135559-140154Z

The antenna lost autotrack during support, reason unknown. This is an ongoing anomaly. TTR # 23091 CDS ID# 17316Z

1350-1404Z 50 seconds service/data loss non-recoverable

D. RUSSIAN SOYUZ II docked with ISS (International Space

Station) at 307/0921Z.

Part II. Testing Anomalies

A. SN Test - None.

B. GN Test - None.

Part III. Equipment Status Changes - None.

Part IV. Scheduled Activities:

TILT Inspection 2000 Demonstration 02/1500-2330Z

Engineering Test with JASON-1 POCC and WFF in Support of the JASON-1 Mission 02/1600-1730Z

ISS JSC/WSC SCD 5.0 Engineering D/F Test TIMED/WDISC Data Flows 01/1430-02/1430Z

MTRS-2 Test w/RFSOC 02/1300-2142Z

AQUA EGS-04.C.2 SGS TO EOC RF TLM & CMD TEST 02/1330-1800Z

JSC Prime Command Circuit Checkout 02/1430-2100Z

GOES-M I/F Test 02/1600-1900Z

SN/EO-1/CTV Antenna Calibration Test 02/1800-1900Z

Part V. Launch Forecast Changes

* 1.) B0218LS (DELTA/EO-1/SAC-C) NET 18 NOV.,2000 T-0 = 1824Z

* 2.) J0218LS (DELTA/GENESIS) 041 10 FEB.,2001 T-0 =

UNKNOWN

* 3.) B0218LS (DELTA/GEOLITE)
2100Z

060 01 MAR.,2001 T-0 =