



**Network
Control
Center**

STDN DAILY REPORT
FOR GMT DAYS
06, 07 AND 08 NOVEMBER 2000

Part I. Operations

06 NOVEMBER

A. SN Anomalies:

1. TOPEX Support 06/0030-0040Z

Event Failed to acquire at AOS, both chains were showing PN and Carrier lock with no frame sync or decoder lock. No RF present. TTR # 23119

TDE SSAR1 10 Min.Svc/Data Loss (Recov)

2. BRTS C1313MS Support 06/0052-0446Z

Three BRTS C1313MS Events failed to acquire at Schedule time reason unknown. TTR # 23120

TDW MAR2 005200-005600Z 3 Min. 30 Sec. Svc Loss
171 SSAR2 023600-024000Z 3 Min. 30 Sec. Svc loss
TDW MAR5 024300-024700Z 2 Min. 17 Sec. Svc Loss

B. ISS/ECOMM Anomalies: - None

C. GN Anomalies:

1. SGS/QST Support

06/0504-0800Z

The ATS hung after initialization. The PTP files had to be manually transferred from the PTP to the L-SAFS. Hk1 and Hk2 were transferred successfully. The SCI file was not transferred from the L-SAFS. Due to an operator error, the contents of the Sci.flg file (data file) was missing for the month. TTR # 23122 CDS ID # 17355.

0505-0520Z 14 mins 36 secs svc/data loss recoverable unknown

2. WGS/SEAWIFS

06/1720-1733Z

POCC experienced intermittent dropouts throughout the event. Auto-track was enabled during this time. When operator selected program track mode, the receiver locked with weak signal strength display. The operator began inserting time bias and was able to get good signal strength with a minus 20 seconds of time bias inserted. TTR # 23123 CDS ID # 17358.

5 mins service/data loss recoverable

07 NOVEMBER

A. SN Anomalies:

1. BRTS Supports

07/0036-2359Z

C1313 event failed to acquire lock reason unknown. This is an on going anomaly. TTR # 23124

TDW MAR-03 0036-0040Z 3 min 30 sec Svc/Data loss (Recov)
TDW MAR-04 0410-0414Z 3 min 30 sec Svc/Data loss (Non-Recov)

2. HST Support

07/1116-1140Z

STGT (CSC-2) reported no RF present. The POCC was informed of this problem and was unaware of a SHO Scheduled for this time frame. Note this event was in the NCC and STGT Data Base. TTR # 23125

TDW MAR-02 111628-114042Z 24 mins 14 secs Svc/Data loss (Non-Recov)

B. ISS/ECOMM Anomalies - None.

C. GN Anomalies:

1. WGS/SEAWIFS Support

07/0425-042530Z

At AOS POCC experienced a noisy signal and began entering a time bias. The operator manually applied an adjustment to the time bias which caused a data loss. TTR # 23126 CDS # 17367

0424-0437Z 25 sec svc/data loss recoverable

08 NOVEMBER

B. SN Anomalies:

1. BRTS Support

08/014830-021500Z

BRTS C1313MS event had a negative acquisition on MAR3. The 1313 event was rescheduled on SSA1 at 02:15:00Z and locked with no problem. TTR # 23127

TDW MAR3 014830-015230Z 3 Min. 30 Sec. Svc/Data Loss (Recov)

2. ERBS Support

08/0340-0344Z

At 03:40:42Z ERBS dropped lock on both A and B chains. A slow degradation of EB/NO was observed before dropout, however RF remains stable. POCC sent one forward reacquisition GCMR. Event started to lock but a second reacquisition had already been sent. Event locked at 03:44:39Z for a total of 3 minutes 57 seconds data loss. Reason for the dropout is unknown.
TTR # 23128

TDW SSA2F/R 033400-040400Z 3 Min. 57 Sec. Svc/Data Loss (Recov)

3. TRMM Support

08/1749-1829Z

TRMM POCC reported not receiving data. STGT had good data leaving station. Comm Manager was contacted to investigate and reported back that a router had hung while IPNOC was preparing for scheduled maintenance. IPNOC performed a router reset to restore service. Data was recovered for both events by a spacecraft recorder dump on the TDS support.
TTR # 23130

TDW SSAR1 1749-1809Z 20 Min. Svc/Data Loss (Recov)
TDS SSAR1 1827-1852Z 1 Min. 58 Sec. Svc/Data Loss (Recov)

4. ERBS Support

08/1631-1632Z

I and Q channel dropouts on both chains resulted in a chain failover from B to A. No data loss declared. TTR # 23131

TDE SSAR1 1626-1655Z 5 Sec. Svc Loss only

5. ERBS Support

08/2125-2127Z

During event carrier lock was lost at 21:26:11Z for 43 seconds. The delog shows a steady degradation of EB/NO prior to loss of lock. After carrier lock was re-established EB/NO slowly returned to nominal. TTR 23132

TDW MAR4 2107-2134Z 43 Sec.Svc/Data Loss (Recov)

B. ISS/ECOMM Anomalies - None.

C. GN Anomalies:

1. AGS/TRACE Support

08/1545-1547Z

TPCE dropped the real-time window for this support twice before AOS. The TPCE application was shut down and a real-time window was opened manually. While the TPCE application was shutting down it issued a shutdown command to the Packetizer. The Packetizer shutdown at AOS plus 1 minute and was restarted manually at AOS plus 3 minutes. All data was recorded and played back from tape post pass to provide the project with accurate VC counts and complete VC file transfers. TTR # 23129

1544-1555Z 2 Min. Svc/Data Loss (Recov)

D. NAM 292 Subject Cancellation of NAM 355 issued.

E. NAM 293 Subject ANCC Operations scheduled for 14 November.

Part II. Testing Anomalies

A. SN Test - None.

B. GN Test - None.

Part III. Equipment Status Changes - None.

Part IV. Scheduled Activities:

QUICKSCAT QMOC & PDF 11-Meter Customer Acceptance Test	09/1500-1700Z
SN/EO-1 Spacecraft End-To-End Test	09/1759-1845Z
LANDSAT-7 & PF1 Customer Acceptance Test	09/2000-0200Z
JSC Prime Command Circuit Checkout	09/1400-0500Z
EO-1 Prelaunch Simulation	09/1415-1730Z
SN/FUSE Engineering Test	09/1500-1900Z
HBK DELTA II RFICA Telemetry Data Flow	09/1600-1800Z
JASON-1/ PKRR-LEO-T Engineering Test	09/1830-2030Z

Part V. Launch Forecast Changes:

* 1.) D5721LS (ATLAS/MLV-11) 340 05 DEC.,2000 T-0 = 0100Z