



**Network
Control
Center**

STDN DAILY REPORT
FOR GMT DAYS
19, 20, 21, 22, 23, 24 AND 25 November
2001

Part I. Operations

19 NOV.

A SN Anomalies:

1. WSGT/FUSE Support **19/1100-1119Z**

POCC equipment in-house processor anomaly. To Clear the anomaly the POCC restarted their software. TTR # 24109

275 SSA2F/R 1100-1120Z 18 Min. 30 Sec. Svc/Data Loss

2. WSGT/FUSE Support **19/1825-1845Z**

FUSE POCC reported no socket connections. Reason unknown. TTR # 24110

275 SSA2F/R 20 Min. Svc/Data Loss

3. WSGT/TERRA Support **19/1856-1908Z**

POCC reported a data loss due to the prime vice backup EBNET release. TTR # 24111

TDW SSA1F/R 12 Min. Svc/Data Loss (Non-Recov)

B. ISS Anomalies - None.

C. GN Anomalies:

1. AGS/WIRE Support

19/0244-0245Z

Loss of signal for 22 seconds. Operator applied a time shift of 5.8 seconds to restore the signal. CDS ID #19990

TOTS-1 0240-0249Z 22 Sec. Svc/Data Loss (Non-Recov)

2. MGS/TRACE Support

19/1952-2003Z

Project unable to command the S/C reason unknown. This anomaly is under investigation. CDS ID # 19992
Added pass AOS 2129-2140Z same as 1952Z pass. CDS ID # 19993

10 Meter 11 Min. Svc/Data Loss (Non-Recov)

20 NOV.

A. SN Anomalies - None.

B. ISS Anomalies - None.

C. GN Anomalies:

1. WGS/TRACE Support

20/2238-2249Z

Station equipment antenna controller anomaly. No communications between the TDF and antenna controller. A reboot of the antenna controller clear the anomaly. CDS ID # 19994

TOTS-1 10 Min. 55 Sec. Tracking data loss.

21 NOV.

A. SN Anomalies:

1. WSGT/ERBS Support

21/0506-0516Z

POCC late acquisition reason unknown. TTR # 24112
TTR # 24113

TDW MAF/R 0506-0516Z 4 Min. 21 Sec. Svc/Data Loss
TDE MAF/R 1929-1939Z 4 Min. 43 Sec. Svc/Data Loss

B. ISS Anomalies:

1. STGT/ISS Support

21/2151-2359Z

K-Band RF decreased sooner than predicted. Reason unknown.
Impact 4 events. TTR # 24114

171 KSA1R 2151-2201Z 2Hours 8 Min. 40 Sec. Svc/Loss

C. GN Anomalies:

1. WGS/GOES-9 Support

21/1715-1745Z

Station unable to perform scheduled ranging. Reason unknown.
CDS ID# 19996

9 Meter 1700-1800Z 30 Min. Svc/Data Loss (Unknown if Recov)

2. AGS/EO1 Support

21/2251-2305Z

Ampex and Metrum recorders did not record data for a manual
EO1 support, reason unknown. CDS ID# 20004

11M 12 Mins. 6 Secs. Svc/Data Loss Non-Recoverable

22 NOV.

A. SN Anomalies - None.

B. ISS Anomalies:

1. STGT/ISS Support

22/0119-0348Z

K-Band RF decreased sooner than predicted . Reason unknown.
This problem continuing from previous Day ref TTR # 24114.
TTR # 24115.

171 KSAR-1 0106-0114Z No Svc/Data Loss.

171 KSAR-1 0115-0207Z 22 Min Svc Loss .

171 KSAR-1 0248-0256Z 4 Mins Svc/Data Loss Non-Recov.

171 KSAR-1 0258-0348Z 36 Mins Svc/Data Loss Non-Recov.

C. GN Anomalies:

1. AGS/EO1 Support

22/0205-0215Z

EO-1 POCC had no commanding through AGS during support.
No data loss declared. CDS ID# 20005

11M 11 Minutes 5 Seconds Service loss

2. MGS/ERS-2 Support

22/0339-0341Z

The ACU hung during this support causing the antenna to stop tracking. Reason unknown. TTR # 20002

10 Meter 0336-0347Z 1 Mins 22 Secs Data Loss Non-Recov

3. WGS/TRACE Support

22/2258-2309Z

Tracking computer and antenna controller halted at AOS causing no antenna movement, reason unknown.
CDS ID# 20008

TOTS 11 Minutes Svc/Data Loss Recoverable Unknown

23 NOV

A. SN Anomalies:

1. WSGT/C1313MS Support

23/1327-2118Z

Negative or Late acquisition for both MA and SSA services.
Reason unknown. Total 6 Events TTR # 24116

TDW MAR 15 Min. 15 Sec. Svc/Data Loss

B. ISS Anomalies - None.

C. GN Anomalies - None.

24 NOV

A. SN Anomalies:

1. STGT/HST Support

24/2135-2207Z

The POCC attempted to go to coherent mode, lost lock and regained lock only after the TOCC entered reconfigurations and reacquisitions. POCC equipment problems hampered a timely restoration of service. TTR # 24117

TDW SSA2R 2132-2224Z 31 Mins 43 Secs SVC/Data Loss
Non-Recov

B. ISS Anomalies - None.

C. GN Anomalies:

1. AGS/SAMPEX Support

24/0207-0208Z

Antenna runaway at AOS, reason unknown. The problem is under investigation. CDS ID# 20012

TOTS-1 0206-0216Z 39 Seconds Data Loss (Non-Recov)

2. WGS/SEAWIFS Support

24/0423-0436Z

No down link, reason unknown. CDS ID# 20011

TOTS 13 Minutes Svc/Data Loss Recoverable Unknown

3. WGS/CHAMP Support

24/1025-1034Z

Unable to command spacecraft. Command carrier would not stop sweeping reason unknown. CDS ID # 20015

11 Meter 1023-1034Z 9 Mins Svc Loss

4. AGS/EO1 Support

24/0821-0833Z

11 Meter Antenna RED. CDS ID # 20016

11 Meter 12 Mins Data loss Non Recov

25 NOV

A. SN Anomalies - None.

B. ISS Anomalies - None.

C. GN Anomalies:

1. WGS/TOMS-EP Support

25/1025-0834Z

PTP failure prior to schedule AOS. Reason for failure is unknown. CDS # 20014

11 Meter 0520-0533Z 5 Min. Svc/Data Loss (Recov)

2. AGS/EO-1 Support

25/0737-0809Z

Master controller did not set up prior to pass. Anomaly is under investigation. CDS ID # 20017

TOTS-1 14 Min. 33 Sec. Svc/Data Loss (Non-Recov)

D. **FUSE PROJECT** declared a Spacecraft Emergency Day 329/2326Z Spacecraft in a Safe Pointing Mode.

E. **FUSE PROJECT** TERMINATED IT'S Spacecraft Emergency at 330/0900Z.

Part II. NCCDS Anomalies (OE Report):

Nothing to Report.

Part III. Scheduled Activities:

Aqua Flight Operations Team Mission Test # 2 26/0300-29/1400Z

Low Power Transceiver (LPT) Range Safety Test 1330-2100Z

Part IV Forecast Changes - None.