



**Network
Control
Center**

STDN DAILY REPORT
FOR GMT DAYS
11, 12, 13 and 14 APRIL 2002

Part I. Operations

11 APR.

A. SN Anomalies - None.

B. ISS Anomalies - None.

C. GN Anomalies:

1. AGS/FAST Support

11/0139-0151Z

There was no downlink from spacecraft during this event.
The LEO-T and TOTS did not receive any signal from S/C.
Reason unknown. CDS ID # 30552

TOTS 12 Mins Data Loss Recoverable Unknown

2. WGS/SWAS Support

11/0536-0547Z

No telemetry or Metrum tapes running during this support.
There is a communication problem with the master
computer. ID # 30553

TOTS-3 11 Mins Svc/Data Loss Recoverable Unknown

3. MGS/RADARSAT Support

11/2151-2158Z

Loss X-band data due to ACU autotrack/scan failure.
CDS ID # 30554

10M 2151-2203Z 3 Mins 46 Sec Svc Loss

12 APR.

A SN Anomalies:

1. WSGT/TRMM Support

12/0706-0707Z

POCC reported return service dropout on the Q channel reason unknown. WSGT observed no dropout throughout the support. TTR # 24291

TDW SSA1-R 0700-0720Z 1 Sec Svc /Data Recov

B. ISS Anomalies - None.

C. GN Anomalies - None.

13 APR.

A. SN Anomalies:

1. STGT/TOPEX Support

13/1518-1545Z

POCC reported a negative acquisition, no RF present reason unknown. Upon further investigation POCC reported this event should have been scheduled on the Omni antenna vice the High gain antenna. POCC scheduling error. TTR # 24292

171 SSS1-R 1 26 Mins Svc/Data Loss Recoverable

B. ISS Anomalies - None.

C. GN Anomalies:

1. WGS/GRACE 1 Support

13/0256-0307Z

The Master computer did not configure properly at AOS.

The operator had to manually reconfigure the SCC system to support GRACE 1. CDS 30556

11 Meter 0304-0315Z 3 Mins Svc/Data Loss Recoverable Unknown

2. AGS/QUIKSCAT Support

13/1521-1536Z

AGS lost antenna feed power at start of event.
CDS ID # 30560

11 Meter 10 Mins Svc/Data Loss Non-Recoverable

14 APR.

A. SN Anomalies

1. STGT/FUSE Support

14/0208-0211Z

FUSE reported no socket connection at AOS on the WDISC. NCC TM reported that a socket connection failure error occurred and had to reset the connection. TTR # 24293

0208-0228Z 2 Mins. 21 Secs. Svc/Data Loss Recoverable

B. ISS Anomalies - None.

C. GN Anomalies:

1. MGS/GRACE-2 Support

14/0011-0022Z

McMurdo Station's Earth Station experience an Austral Winter Sun outage. This caused a drop in all data and voice channels during this time period. CDS ID# 30561

10 Meter 0010-0022Z 10 Mins. 2 Secs. Svc/Data Loss Recoverable Unknown

2. SKS/QUIKSCAT Support 14/0818-0830Z

262k FEP was not locked. This was caused by a loose connector at the Bit Sync which was caused by engineering. CDS ID# 30562

11 Meter 12 Mins. Svc/Data Loss Recoverable Unknown

3. SGS/LSAT-7 Support 14/0940-0952Z

At approx. 0940 SGS lost their TI line. This outage resulted in that LS7 lost commanding capability, and was not able to command on the 256k dump. CDS ID#30563

11 Meter 093729-095145Z 14 Mins. 16 Secs. Svc Loss

4. MGS/GRACE-1 Support 14/1416-1427Z

GRACE-1 experienced a negative acquisition, reason unknown. CDS ID#30565

10 Meter 11 Mins. Svc/Data Loss Non-Recoverable

5. WGS/IRS-P3 Support 14/1352-1400Z

The LEO-T tracked with programmed acquisition data, but never saw a downlink. CDS ID# 30566

LEO-T 8 Mins. Svc/Data Loss Recoverable Unknown

6. WGS/SNOE Support 14/1652-1655Z

Bit Sync locked at AOS and dropped lock a few minute later. The operator cycled the power off and back on and it lock again. CDS ID# 30567

LEO-T 1646-1657Z 3 Mins. Svc/Data Loss Recoverable Unknown

7. AGS/GRACE-1 Support 14/1942-1955Z

GRACE-1 experienced a negative acquisition cause by out dated ephemeris. CDS ID# 30568

11 Meter 11 Mins. 32 Secs. SVC/Data Loss Recoverable

8. MGS/GRACE-1 Support

14/2348-2351Z

GRACE-1 experienced a late acquisition cause by bad ephemeris. CDS ID# 30569

10 Meter 104/2348-105/0000Z 2 Mins. 58 Secs. Svc/Data Loss Non-Recoverable

Part II. NCCDS Anomalies (OE Report): - None.

Part III. Scheduled Activities - None.

Part IV Forecast Changes:

- 1.) A1874LS (DELTA/AQUA) NET 01 MAY, 2002 T-0 = 0954Z
- 2.) H1435LS (SEALAUNCH/GALAXY 3C) NET 28 MAY, 2002
T-0 = UNKNOWN
- 3.) M2111LS (STS-111/ISS-14) NET 30 MAY, 2002 T-0 =
UNKNOWN
- 4.) M2107LS (STS-107/SPACEHAB/ NET 19 JUL.,2002 T-0 =
UNKNOWN