



**Network  
Control  
Center**

**STDN DAILY REPORT  
FOR GMT DAYS  
22 AND 23 JAN 2002**

Part I. Operations

22 JAN.

A. SN Anomalies:

**1. STGT/TRMM Support**

**22/1300-1305Z**

Spacecraft experienced late acquisition. The CSC had to transmit a forward frequency re-specification to acquire lock. TTR # 24192

TDS SSA1F/R 1300-1320Z 9 Mins. 18 Secs. Svc Loss 4 Mins. 54 Sec. Data Loss Recoverable

B. ISS Anomalies: - None.

C. GN Anomalies:

**1. AGS/FAST Support**

**22/1720-1721Z**

WSC scheduling, spacecraft was scheduled below its masking. CDS ID # 30219

LEO-T 1716-1746Z 7 Seconds Svc loss

**2. AGS/JASON Support**

**22/0118-0121Z**

The Combiner and LHC receiver demods out of lock and the center frequency meter slammed to the upper band edge. The units were restored by opening and closing the loop on their demods. CDS ID # 30221

LEO-T 0118-0137Z 3 Mins 24 Sec Svc Loss .

23 JAN.

A. SN Anomalies:

**1. WSGT/TOPEX Support**

**23/1503-1510Z**

Late Acquisition, Handover of TDRS-7 (171) from SGLT-5 to SGLT-3 was cancelled . A TOPEX event was downloaded from the NCC but later cancelled 1501Z. Reason for the cancellation is unknown and under investigation. The SHO was entered manually. TTR # 24193

171 SSAR-1 1503-1533Z 7 Mins Svc/Data Loss Recov

B. ISS Anomalies - None.

C.GN Anomalies:

**1. WGS/IRS-P3 Support**

**23/1347-1351Z**

LEO-T system did not capture IRS-P3 down-link. Both positive and negative time bias applied to no avail. Maximum elevation was 10 degrees. CDS ID# 30222

4 Mins. Svc/Data Loss Recoverable Unknown

**2. AGS/JASON-1 Support**

**23/0509-0530Z**

Shortly after AOS the receivers came unlocked and could not be re-locked. It appeared the signal had faded out, but the TOTS operator noticed that a very strong signal at 2218 MHz was present. CDS ID# 30223

1 Min. Svc/Data Loss Recoverable Unknown

**3. AGS/QUIKSCAT Support**

**23/0933-0946Z**

At AOS it was discovered that the RF levels were low and the data was noisy on all links. The antenna angles looked ok

but the track receivers had a very low AGC. The CRC count on all TLM streams were very high. CDS ID# 30224

13 MINS. Svc Loss Recoverable Unknown

#### **4. AGS/QUIKSCAT Support**

**23/1111-1124Z**

POCC experienced noisy data during the event. Reason Unknown. CDS ID# 30225

13 Mins. Svc Loss Recoverable Unknown

D. NAM 610 issued for TDRS-7 (171) SGLT Handover 024/0018-0118Z.

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

**Part III. Scheduled Activities - None.**

#### **Part IV Forecast Changes**

\* 1.) W1576LS (PEGASUS)                      036 05 FEB.,2002 T-0 = 2026Z  
      H0195LS (HESSI)

\* 2.) A1874LS (DELTA/AQUA)                NET 18 APR.,2002 T-0 = 2154Z