



**Network  
Control  
Center**

**STDN DAILY REPORT  
FOR GMT DAYS  
09,10, 11 AND 12 AUGUST , 2001**

Part I. Operations

09 AUG.

A. SN Anomalies:

**1. TOPEX Support**

**09/101437-101543Z**

Both I and Q channel EB/NO were slowly decreasing prior to anomaly timeframe and then slowly increasing after. no mutual interference was predicted but signature reflects the possibility of MI. Tape dump will be recovered on an upcoming pass.  
TTR # 23994

TDW SSA2F/R 1006-1031Z 1 Min. 6 Secs Svc/Data Loss  
Recoverable

B. ISS Anomalies - None.

C. GN Anomalies:

**1. WGS/FAST Support**

**09/0810-0837Z**

Degraded data on LEOT due to range of satellite being to high. In addition the max elevation on this pass was approximately 17 degrees. CDS ID# 19643

LEOT 27 Mins. Service Loss Data Loss Unknown

D. The STS-105 launch has been scrubbed for 24 hours until 10 August 01. This is due to weather violations in the launch area, at both the RTLS and the PAD. The launch window will be

222/211013-212012Z. The preferred launch time will be provided at a later time.

10 AUG.

A. SN Anomalies:

**1. TOPEX Support**

**10/225653-225823Z**

POCC declared a 1 min 30 sec drop on 'Q' channel playback from 22:56:53 to 22:58:23. Delogs indicate 'Q' channel did drop on both IR chains at this time. Delog of EB/N0 did gradually drop during this time period indicating possible RFI. ACRS did not indicate mutual interference. RF on spectrum did not appear normal during this period. TTR # 23995

TDW SSA1F/R 2245-2310Z 1 Min. 30 Secs. Svc/Data Loss Recoverable

- B. ISS Anomalies - None.
- C. GN Anomalies - None.
- D. TDRS-4 West Maneuver was nominal.
- E. STS-105 launched at 222/211013Z .

11 AUG.

- A. SN Anomalies - None.
- B. ISS Anomalies - None.
- C. GN Anomalies - None.

12 AUG.

A. SN Anomalies:

**1. STGT/TOPEX Support**

**12/0105-0125Z**

POCC UNABLE TO COMMAND SPACECRAFT FROM AOS UNTIL 0125Z REASON UNKNOWN. POCC UNABLE TO CONFIGURER SPACECRAFT FOR 512KB DUMP. DUMP WAS COMPLETED ON A SUBSEQUENT PASS. TTR # 23996

171 SSA2F/R 0105-0131Z 16 Min. Svc/Data Loss (Recov)

**2. STGT/TOPEX Support**

**12/0215-1733Z**

TOPEX POCC reported not receiving User Performance Data (UPD) for four events. To clear the anomaly POCC reloaded their Command Interface Catalog into the NFEP to restore UPD'S. TTR # 23997

TDS 0215-0225Z 10 Min. Svc Loss No ODM'S or GCMR

TDW 0312-0342Z 30 Min. Svc Loss No ODM'S or GCMR

TDW 0512-0522Z 10 Min. Svc Loss No ODM'S or GCMR

TDE 0621-0631Z 8 Min. 8 Sec. Svc Loss No ODM'S or CCMR

B. ISS Anomalies - None.

C. GN Anomalies - None.

Part II. Testing Anomalies

A. SN Test - None.

B. GN Test - None.

### Part III. Equipment Status Changes:

WPS 11 METER Antenna went Red at 224 /1006Z. The 11 METER returned to operation at 224/2249Z.

\$ = Changed ETRO

\*\* = New Items

### Part IV. Scheduled Activities:

1. WSC EIT WSC TDRS Checkout 225/1449-1747Z
2. TDRS-I Engineering Testing with MILA (DSS-71) and BOEING. 225/1600-2100Z

### Part V. Forecast Changes:

- \* 1.) M2105LS (STS-105/ISS-10-7A1) 222 10 AUG.,2001 T-0 = 2115Z
- \* 2.) H3338LS (DELTA/QUICKBIRD-2) 291 18 OCT.,2001 T-0 = 1851Z