



**Network  
Control  
Center**

STDN DAILY REPORT  
FOR GMT DAYS  
19,20,21 AND 22 JULY , 2001

## Part I. Operations

19 JULY

### A. SN Anomalies:

#### **1. WSGT/SPTR Support**

**19/0433-0456Z**

Severe thunderstorm activity in the WSC vicinity required the TDRS-1 S-band downlink to be activated in order to maintain a stable telemetry link. This resulted in a loss of lock for the SPTR event. TTR # 23964

#### **WSC WEATHER**

WART 0048-0553Z 23 Mins Svc/Data Loss Recov (N/A)

### B. ISS Anomalies - None.

### C. GN Anomalies:

#### **1. WGS/SAMPEX Support**

**19/0548-0600Z**

When the system initialized, the antenna failed to reach the AOS position. No data collected by the LEO-T system. Shifted support to the TOTS-3 system. Data at TOTS-3 took a lot of hits due to the existing problem with that system. Did a Standby 1 All on the LEO-T so that the TOTS system could connect to the project. This appears to be associated with Day 200. A similar problem happened at Day 100. Doing a hard reboot on all systems to see if this clears the problem. The LEO-T is scheduled for several more supports today. CDS ID # 19245

## **STATION EQUIPMENT**

LEO-T 12 Mins Data Loss Recoverable

### **2. WGS/TRACE Support**

**19/2259-2310Z**

Following AOS, noticed that the system viewer was only showing static values with no indication that anything was happening with the support. We observed that the carrier was up and sweeping and the bit sync was showing lock. We did not show any movement in the antenna. This is the second night that the system has failed either at AOS or near LOS. Post pass, looked for the files. the system showed zero data. A look at the files indicated that the system could not write to the TVI files and then shut down the connection. Unknown what is causing this problem but it does appear that it is related with the software. CDS ID# 19257

## **ANOMALY UNKNOWN**

LEO-T 11 Mins. Service/Data Loss Recoverable

D. TDRS-6 West Maneuver was successfully completed today.

20 JULY

A. SN Anomalies - None.

B. ISS Anomalies:

### **1. STGT/ISS Support**

**20/1310-1327Z**

IPNOC reported bad T1 bundle between WSC and JSC, released T1 to carrier for non intrusive troubleshooting. Problem cleared when IPNOC forced an alt route to Goddard. TTR # 23965

## **T1 BUNDLE**

TDS 1306-1343Z 17 Mins SVC/Data Loss Non-Recov

## **2. WSC/MULTIPLE Supports**

**20/1830-2359Z**

On 201/18:30z, Houston and ISS CMD reported receiving stale / intermittent ODMs since start of mission (193/09:04z), reason unknown. Under investigation by NCC/JSC.

TTR # 23966

No Svc/Data Loss Declared

### C. GN Anomalies:

#### **1. AGS/EO1 Support**

**20/0548-0600Z**

Q channel on DQM would not stay in operation. Channel would start to be configured, but would fail. Tried to manually start Q channel, and it would also fail. I channel was ok. We were downloading Q channel data, just the DQM would not log Q channel. No data loss. Maybe associated with station Aqua testing? CDS ID # 19259

No Data Loss Declared

#### **2. WGS/IRS Support**

**20/1532-1544Z**

After AOS the display on the IP3 computer stops updating. The computer FS indicates good look and the file size of the data appears proper. CDS ID # 19262

11 Meter 1714-1719Z Event same anomaly data loss unknown.

21 JULY

A. SN Anomalies - None.

B. ISS Anomalies - None.

C. GN Anomalies:

## **1. WGS/IRS Support**

**21 /1511-1523Z**

After AOS the display on the IP3 computer stops updating. The computer FS indicates good look and the file size of the data appears proper. CDS ID # 19263

11 Meter 1652-1701Z Event same anomaly data loss unknown. Same problem as on day 20.

22 JULY

A. SN Anomalies:

### **1. STGT/ERBS Support**

**22/1810-1825Z**

ERBS Support was not on ERBS event schedule for day 7/22. TTR # 23973

171 SSA1F/R No data loss declared.

B. ISS Anomalies - None.

C. GN Anomalies:

### **1. SGS/QST Support**

**22/0112-0121Z**

The antenna entered azimuth interlock. The antenna lost track on Spacecraft and started tracking on noise when the auto-tracking mode was enabled at 1 degrees of elevation. This cause the antenna to enter azimuth interlock. The operator was able to reacquire the spacecraft but to late to capture either the hk2 or the SC PB. CDS ID # 19265

11M 0112-0128Z 8 Min. 3 Sec. Svc/Data Loss

D. GOES-M Spacecraft was successfully launched at 07:23:01.299Z

## Part II. Testing Anomalies

### B. SN Test:

1. WSC EIT TDRS Checkout 18/1400-18/1808Z WSGT,NCC,  
NISN, FDF

#### OBJECTIVES:

- A. Verify switch paths for the TDI and WART at the WSGT router.
- B. Validate the WSGT TDI configuration.

RESULTS: OBJECTIVE PARTIALLY MET

#### REMARKS:

WSGT engineers verified the cabling for the switch and router. A pin out difference was discovered at the TDI interface and it was noted that the GN indicator extinguished at the router with the new cabling installed. WSGT engineers removed the switch and restored data paths. WSGT validated the WSGT TDI configuration. The test will be rescheduled at a later date.

### C. GN Test - None.

## Part III. Equipment Status Changes:

1. AGS Time Capture UNIT NUMBER 1 Declared Red 20/1950Z

\$ = Changed ETRO

\*\* = New Items

## Part IV. Scheduled Activities:

HST DRY RUN NUMBER 2 of ESTL

23/1100-1800Z

TILT U.S. COAST GUARD Expedition

23/1200-1600Z

HST UPS Release 13 Test with NCCDS M00. 3D9 1300-2000Z

QuikTOMS Vandenberg Launch Voice Rehearsal 1445-2345Z

Part V. Forecast Changes - None.