



**Network  
Control  
Center**

STDN DAILY REPORT  
FOR GMT DAYS  
05,06 AND 07 MARCH 2001

Part I. Operations

05 MARCH

SN Anomalies:

**1. WSC/HST Supports**

**05/0638-2100Z**

HST reported their S/C went to safe mode at 063856Z due to magnetic torquer system command echo test failure. Reason for failure unknown. The POCC declared a spacecraft emergency at 0750Z. There were multiple events effected by this anomaly. TTR # 23692.

**SPACECRAFT EMERGENCY**

37 Min Data Loss (Recov)

**2. WSGT/MULTIPLE Supports**

**05/2245-2358Z**

The MABE controller "B" hung, causing a late acquisition and dropouts with both MA events listed. A failover to MABE controller "A" followed by a power reset of MABE controller "B" cleared the anomaly. TTR 23697

**WSGT EQUIPMENT**

TDE UARS MAR-3 2245-2310Z 18 Min 13 Sec Service/Data Loss (Non-Recov)

TDE HST MAR-3 2341-0020Z 6 Min 53 Sec Service/DFata Loss (Non-Recov)

B. ISS/ECOMM Anomalies - None.

C. GN ANOMALIES:

## **1. WGS/FAST Support**

**05/0233-0249Z**

Due to a scheduling error the LEO-T was scheduled for the wrong bit rate. TTR # 23693 CDS ID # 18242

### **OPERATOR ERROR**

Leo-T 16 Min Data Loss (Recov Unknown)

## **2. AGS/WIRE Support**

**05/1333-1343Z**

Station reported T-1 data hits WTMSG error causing TPCE to drop connection. TTR # 23694 CDS ID # 18244

### **CP ANOMALY**

TOTS-1 1339-1450Z no data loss declared.

- D. HST POCC declared a Spacecraft Emergency at 05 /0750Z going into a safe mode at 05/0638Z after the Magnetic Torquer Command ECHO Test failed.
- E. HST POCC Terminated it's Spacecraft Emergency at 05/ 2100Z. To clear the anomaly HST had to send a health and safe load to get back on it's High Gain Antenna.

06 MARCH

- A. SN Anomalies: - None.
- B. ISS/ECOMM Anomalies - None.
- C. GN Anomalies:

## **1.WGS/EO1 Support**

**06/0312-0323Z**

The AWOTS Node 2 OPS GRIM appeared to shutdown prior to the end of the event. The Project noticed the PTP, TDF AND Metrums was not taken down. This caused the files not to be sent to the SAFS. TTR # 23698 CDS ID # 18257

11 Meter 11 Min. Svc/Data Loss (Recov)

## **2. AGS/FAST Support**

**06/0920-0928Z**

LEO-T Front End locked up and would not process any telemetry data. The bit sync showed good lock through out support. All commands were processed. Tape play back from TOTS-1 was sent to Project post pass. TTR # 20699 CDS ID # 18258

### **Unknown**

LEO-T 0919-0928Z 7 Min. 46 Sec. Svc/Data Loss (Recov)

## **3. AGS/TRACE Support**

**06/1423-1951Z**

The T-1 line was taken down without any warning. We experienced no problems till a TRACE support at 065/12:52:00Z when LEO-T failed to process any TLM data. See IDR 00018258. (That data was shipped post pass from TOTS-1) I was informed that they started testing the circuit at 065/12:30:00Z. This interruption caused processing problems with TPCE for this support. It had to be rebooted to recover, both FEP'S had to be rebooted, also, to re-establish their TPCE connections. TTR # 20700 CDS ID # 18259

### **CP ANOMALY**

TOTS 1426-1438Z 12 Min. 36 Sec. Svc/Data Loss (Recov)

## **4. WGS/QUIKSCAT Support**

**06/2321-2335Z**

Following the support, the Master computer was unable to do a takedown on any equipment associated with NODE 2. The TDF, Metrums & PTP manually halted associated equipment and pushed files to project. No data loss declared by project. TTR # 23701 CDS ID # 18262.

### **EQUIPMENT**

11 Meter 2320-2335Z 14 Mins 36 Sec Loss

07 MARCH

A. SN Anomalies: -None.

B. ISS/ECOMM Anomalies - None.

C. GN Anomalies:

### **1. AGS/WIRE Support**

**07/0228-0234Z**

The project reported a late acquisition on their support due to the system was not turned over to the TOT's operator in a timely manner. The TOTS had been placed in a non-standard configuration for a ENVISAT ACCEPTANCE TEST.  
TTR # 23702 CDS ID # 18263.

#### **Procedure**

TOTS 0228-0237Z 6 Mins Data Loss (Non-Recov)

### **2. AGS/EO-1 Support**

**07/0720-0734Z**

AGS had an unscheduled EO1 pass requested to be handled by the station. The SCC and Master were manually configured to handle pass. After station was manually configured, a schedule was pushed to the master 1 minute and 11 seconds prior to push for the pass, or 9 minutes prior to AOS. This schedule had no X band information, and incorrect number of BVLDS recorder assignments. When this schedule was pushed to SCC, it locked up the SCC, and wiped out the Satellite list as well as all ephemeris data as we have seen it (the master) do before on numerous occasions. Since we had only 7 minutes to go before AOS, we stopped and started the SCC, in order to regain a satellite list and ephemeris data. This as we know now causes the SCC to lose communication with the master, since the last master software upgrade. The pass was nominal with no data loss. After pass was completed we took down the master and than the SCC to clear the communication problem. TTR # 23703  
CDS ID # 18264.

## Software

11 Meter No Data Loss Declared

### 3. WGS/QUIKSCAT Support

07/2255-2315Z

The PTP halted after the 2MB data dump started reason unknown. The PTP was rebooted to clear the anomaly. The project reported no data loss declared, all data was recorded. TTR # 23704 CDS ID # 18266.

## EQUIPMENT

11 Meter 2255-2315Z 14 Min 17 Sec Svc Loss

### Part II . Testing Anomalies

A. SN Test - None.

B. GN Test:

1. ENGINEERING TEST WITH 06/1645-1900Z JASON-1  
JASON-1 POCC AND PKRR POCC/JPL/  
JPL COM/  
PKRR(LEO-T)/  
GSFC MOSA

#### Objectives:

JASON-1 proficiency testing with PKRR to continue enhancement of the performance by both the network and user community.

Results: Objective Not Met.

#### Remarks:

The test was cancelled due to a failure of a T-1 circuit at PKRR. There exist no time estimate for the return to operations. The test will be re-scheduled.

Part III. Equipment Status Changes - None.

\$ = Changed ETRO

\*\* = New Items

#### Part IV. Scheduled Activities:

1. AGS/SGS/WGS TERRA GSIP Parallel  
Operations Phase II Test

08/2248-2301Z

Part V. Launch Forecast Changes - None.