

DATE: September 14, 2010  
SUBJECT: NSG UPS/Stat Mux Status Minutes  
LOCATION: Teleconference

ATTENDANCE:

<i>Last Name</i>	<i>First Name</i>	<i>Organization</i>	<i>E-mail Address</i>	<i>Telephone #</i>
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## INTRODUCTION

Mr. Fred Pifer convened the September 15, 2010, Human Space Flight (HSF) Network Support Group (NSG) User Planning System (UPS)/Stat Mux Status meeting to provide a current and future status of the UPS/Stat Mux systems going into Space Shuttle Program (SSP) fly-out (refer to the presentation, *Network Support Group UPS/Stat Mux Status Splinter*).

## MEETING ITEMS

- A. The UPS/Stat Mux systems are needed for extended Space Shuttle support. The original turn down plan was to do so at the end of the program in late 2010. The program has now been extended to at least mid-2011.
- B. Additional funding is required for operations and maintenance of both systems.
- C. UPS:
  1. SSP was not migrated to the Space Network (SN) Access System (SNAS). Johnson Space Center (JSC) uses the UPS for scheduling of SN resources for SSP. The International Space Station (ISS) program is not impacted as scheduling is accomplished via SNAS vice UPS.
  2. Mr. Jim Bangerter stated that there has been talk of shutting the UPS down. Joe Mr. Aquino stated that Mr. Roger Clason has said that the UPS will be retained. Mr. Bangerter stated that per his last conversation with Mr. Ted Sobchak, a White Sands Complex (WSC) representative needs to make the decision to keep the UPS up. He stated that he believes it will be retained, but there should be a cost associated.
  3. Mr. Aquino stated that funding has been provided. Mr. Bangerter stated that sustaining engineering for the UPS probably has not been funded past 2010. There should be some cost associated to get through STS-134 and possibly STS-135. Mr. Gary Morse asked if this was not part of the data call put out by the program to collect the impacts of extending the program. Mr. Bangerter stated that he has not seen a cost.
- D. Stat Mux:
  1. The Stat Mux is used by JSC to transport Space Shuttle digital TV and high-rate data from the White Sands Complex (WSC) to JSC. The AMC transponder 9 service supports data transfer. Extension will require added funding for operational support, maintenance, and transponder service. The NASA Integrated Services Network (NISN) has determined that there are sufficient parts/systems to maintain the Stat Mux through the end of the SSP.
  2. Currently, the Voice Technical Operations (VTO) organization maintains the Stat Mux. Four complete units are available as spares. The Goddard Space Flight Center (GSFC) maintains a test bed and provides component level repair.
  3. Mr. Morse asked if there is an estimate and Mr. Kelly Martin stated the cost would only be labor. A rough estimate is 0.2 WYE. Mr. Martin was asked to provide a Stat Mux cost to extend operations through the end of the SSP. Mr.

Bangerter stated that NISN needs to come to the program with its costs. A cost will be needed from the SN as well for the UPS.

4. Mr. Bangerter stated that he will talk to Mr. Scott Douglas to ask if Stat Mux was a CORE cost or was money provided by the program.
- E. Mr. Aquino stated that for Fiscal Year (FY) 11, the program did not delete UPS or Stat Mux. These should already be in the budget when extending the program from 2010 to 2011. No content was removed.

#### **ACTION ITEM REVIEW**

No formal action items were assigned at the September 15, 2010, HSF NSG UPS/Stat Mux status splinter meeting.

(Original approved by)  
Mr. Fred Pifer/GSFC/HSF