

DATE: April 18, 2012

SUBJECT: SN Database Status

LOCATION: JSC, Regents Park III

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## INTRODUCTION

Mr. Erik Richards convened the April 18, 2012, Network Support Group (NSG) Space Network (SN) Database (DB) status splinter meeting to provide a status of the Database Change Request Forms (DBCR) and DB processes (refer to the presentation, *Space Network [SN] Database Status*).

## MEETING

- A. The prototype DBCR forms are based on the Data Services Management Center (DSMC) Operations Interface Procedure (OIP) and have been in use since January 2012. White Sands Complex (WSC) has received positive feedback. The forms make it easier to track changes.
- B. The forms in revision are: Ka-band Single Access Forward and Return (KaSAF/R); Ku-band Single Access Forward and Return (KuSAF/R); Multiple Access Return and Forward (MAR/MAF); S-band Multiple Access Return and Forward (SMAR/SMAF); S-band Single Access Forward and Return (SSAF/R); and tracking.
- C. Mr. Richards stated that an Exploration Flight Test (EFT) -1 form needs to be created. He stated that WSC is developing a New Customer Setup, revision 2 to the forms is being planned, and the methodology to place the forms on the Next Generation Integrated Network (NGIN) online repository has to be developed.
- D. Mr. Richards reviewed the DBCR from review and submittal process. The Johnson Space Center (JSC) Ground Controller (GC) will fill out the DBCR form and transmit it to WSC and the Goddard Space Flight Center (GSFC). The GSFC Spaceflight Mission Manager (SMM) will be the interface for Human Spaceflight (HSF) DBCRs. The SMMs will work with WSC Tech Operations and Analysis (TO&A) to ensure technical accuracy of a submitted DBCR. The SMMs will transmit the approved DBCR to the WSC Database Manager (DBM). The WSC DBM will enter approved changes into the Network Control Center Data System (NCCDS). The WSC DBM will send a confirmation email to GSFC and JSC. The JSC GC will enter the changes into the SN Access System (SNAS). The WSC DBM will approve the SNAS changes. Mr. Richards stated that the process is working.
- E. Mr. Richards stated that the two DBs need to be synced after the GC enters data into SNAS. Mr. David Glasscock stated that there was an agreement to sync the DBs on April 9 and he will follow up on this.
- F. Mr. Richards reviewed the process flow and stated that it has been updated since the last NSG. The process has been streamlined.
- G. Mr. Richards reviewed the process timeline. New customer setup will require 10 full working days minimum. Routine DB changes will require 5 full working days. Real-time testing is completed as soon as practical. The question was asked how long would it take should a Dragon frequency be off; the response was 5 days. However, Mr. Whitney noted that it rarely takes that long. He also stated that real-time requests need to be accommodated as much as possible. Mr. Richards stated that real-time requests can be accommodated. Mr. Bob Marriott stated that he is worried about how the processing times are documented (10 and 5 days required). Mr. Whitney stated that the WSC Database Operations is 0800 – 1700 only. In a contingency, use a Ground Configuration Message Request (GCMR); although JSC does not have the staff to continually do

GCMRs. Mr. Bangerter stated that WSC can help with GCMRs on a best-effort basis. Mr. Bangerter stated that if there is an issue, call him.

H. Mr. Richards reviewed the documentation. The DSMC is currently being reviewed and updated by WSC. The TNOSP data management sections will be updated by the SMMs.

**ACTION ITEM REVIEW**

No action items were assigned at the April 18, 2012, SN DB status splinter meeting.

(Original Approved By)  
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WSC/HSF