# Space Network (SN) Database Status

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# Agenda

- Database Change Request (DBCR) Form Update
- DBCR Request Process Review
- DBCR Process Flow Review
- Database Management
- Documentation
- Open Discussion

# DBCR Form Update

- **Prototype DBCR forms**
  - **In use since January 2012**
  - **Positive Feedback**
    - **Customer**
    - **White Sands Complex (WSC) Database Manager (DBM)**
  - **List of current DBCR Forms in Rev 1**
    - **KaSAF/R, KuSAF/R**
    - **MAR/MAF, SMAR/SMAF**
    - **SSAF/R**
    - **Tracking**

# DBCR Forms Status

- **Open Work on Forms**
  - **Develop "New Customer Setup"**
  - **Final Revision (Rev 2) is being updated**
  - **Forms to be accessible on Next Generation Integrated Network (NGIN)**
    - **To open an NGIN account, call Bryan Sizemore 301-286-4090 or contact him by e-mail (Bryan.Sizemore@nasa.gov)**

# DBCR Request Process Review

- **DBCR form review/submittal process**
  - **Johnson Space Center (JSC)/Ground Controller (GC) will fill out the DBCR Form and transmit to WSC and Goddard Space Flight Center (GSFC)**
    - **smmconsole@ncc-comm.gsfc.nasa.gov**
    - **database@mail.wsc.nasa.gov**
    - **toa_eng@wsc.nasa.gov**
  - **GSFC/Spaceflight Mission Manager (SMM) will be the interface for Human Spaceflight (HSF) DBCRs**
  - **SMMs will work with WSC TO&A to ensure technical accuracy of a submitted DBCR**
  - **SMMs will transmit approved DBCR to the WSC DBM**
  - **The WSC DBM will enter approved changes into the Network Control Center Data System (NCCDS)**

# DBCR Request Process Review (cont'd)

- **DBCR form review/submittal process (cont'd)**
  - **The WSC DBM will send a confirmation email to GSFC and JSC**
  - **JSC GC will enter the changes into the Space Network Access System (SNAS)**
  - **WSC DBM approves the SNAS changes**

# DBCR Process Flow Review

**STEP 1**
JSC/GC send DBCR
smmconsole@ncccomm.gsfc.nasa.gov
database@mail.wsc.nasa.gov
toa_eng@wsc.nasa.gov

**STEP 2**
SMMs will work with TO&A to ensure technical accuracy of submitted DBCR and will transmit approved DBCR to WSC DBM

**STEP 3**
WSC DBM will enter approved changes into NCCDS

**STEP 4**
WSC DBM will send a confirmation email to GSFC and JSC

**STEP 5**
JSC GC will enter the changes in SNAS

**STEP 6**
WSC DBM approves the SNAS changes

**STEP 7**
Configuration Codes are ready for use

# Database Management

- DBCR established timeframes from the DSMC OIP
  - New Customer Setup: 10 full working days minimum
  - Routine Database Changes: 5 full working days
  - Excludes real-time testing: Completed as soon as practical
- SN Database Point of Contact (POC)
  - SN DBM — Mike Miller – mmiller@mail.wsc.nasa.gov
  - Database Administrator — Mike Miller – mmiller@mail.wsc.nasa.gov

# Documenation

- **Data Services Management Center (DSMC) Operations Interface Procedure (OIP)**
  - **Currently being reviewed and updated by WSC**
- **HSF Tracking and Data Relay Satellite System Network Operations Support Plan (TNOSP)**
  - **Data Management sections of the TNOSP will be updated by the SMMs**

# Open Discussion