

Title: CSA 1.1 TDRS HIJ Operations Scenario for Control, and Status.

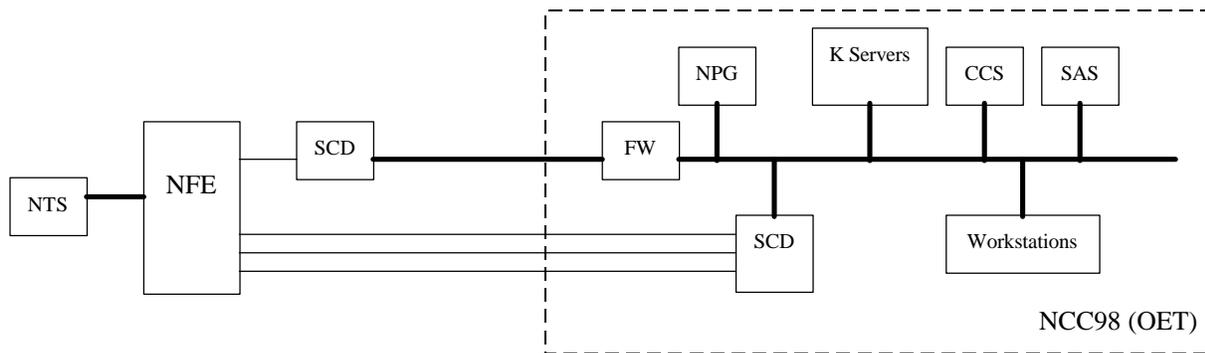
Objectives:

- Verify receipt and validation of:
 - Customer Ground Control Messages processing to include Status, Disposition and Reject messages (see Note)
 - ODM data from WSC
 - OPM Accept/Reject Status
- Verify Local transmission of OPM (GCM) to include reject processing to WSC. (See Note)
- Verify transmission of UPD
- Verify Transmission Disposition and Status Data to the MOCCs.
- Verify applicable action/info alert data.
- Execute delog reports using the NCD
- Characterize effectiveness, usability, and timeliness of new GUI capabilities.
- Train Performance Analysts and Acquisition Tracking Personnel and fill out skills catalogs and Training Event Reports (TERs)
- Document Verification

Note: New Reconfigurable parameters to accommodate Expendable Launch Vehicle (ELV) will be tested in this Scenario

Configuration:

System will be configured using NTS as a Network/MOCC Simulator.



Data Source: Custom NTS data.

Note: *Italicized steps are performed by NSIA, all others are performed by the operator.*

Prerequisites:

1. *Verified NTS Test Data*
 - *The complete series of message type 98 messages that would originate from a MOCC.*
 - *GAR files to emulate ODMs*
2. *NCC98 Data Base updates to permit atleast one normal user and one STS configured for HIJ services*
3. *Configure system in accordance with Figure CSA 1.0-1*
4. *Ensure Accounts/Passwords are available for test and applicable operations personnel.*

Ops Scenario:**Performance Analyst**

1. *Schedule events using Normal and STS User HIJ Services that would render the following ODM types:*
 - *SA/SMAR*
 - *MA/SMAF*
 - *End to End*
2. For each active event, verify:
 - Event Start notifications
 - Successful ODM field display updates.
 - *User Performance Data Processing*
 - *Using the NTS as a MOCC simulator, for each event, transmit the complete set of GCMRs*
 - Ground Control Message Processing
3. For a single normal and STS user, transmit the complete series of Ground Control Messages (GCMs)
4. Execute three (3) delog requests

Roles and Responsibilities:

PA - Ack/Trk

- Complete the PA Position Log IAW Local Operating Procedures
- Observe and verify R/T Status and Control
- Checkout redlined version of LOPs

NSIA:

- Two NSIA engineers required.
- Configure system.
- Perform all italicized steps in test case.
- Observe of receipt/processing of R/T Status., Control Data
- Observe/assist PA and/or Ack/Trk personnel in completion of all activities.

DOCS:

- 523-HB_NCC/PA PA Handbook
- 530-UGD-NCC/MMDPS MMDPS Users Guide
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Estimated Run Time:

4 hours run time

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