CSA-1.0 Rev.1
NCC98
06/25/97

Title: Baseline Operations Scenario for Control, Status and Acquisition Data Management

Objectives:

- Verify receipt and validation of:
    - Customer Ground Control Messages
    - User Performance Data Requests
    - Vector data from FDF & customers
    - ODM data from WSC
    - OPM Accept/Reject Status, Return Channel Time Delay, Acquistion Failure Notifications and Time Transfer Messages
    - Daily Vector Transmissions from Special Projects and FDF

- Verify transmission of UPD
- Disposition and Status Data to the MOCCs.
- Verify the local transmission of:
    - OPM (GCM) to WSC
    - OPM Vector Data
        - FDF Daily
        - Special Projects

- 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

Configuration:

System will be configured in the shadow mode consisting of a "listener" which will transmit through the Firewall and the NPG to SPSR. See Figure CSA 1.0-1

Data Source: External Incoming Operations Data via "LISTNER"

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

Prerequisites:

1. *Complete and verify an active event schedule migration*
2. *Configure system in the shadow mode in accordance with Figure CSA 1.0-1*
3 *Ensure Accounts/Passwords are available for test and applicable operations personnel.*
4. *Ensure applicable VTR is activated*

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Ops Scenario:

Performance Analyst

1. For each active event, verify:
    - Event Start notifications
    - Initial acquisition via ODM displays.
    - User Performance Data Processing
    - Ground Control Message Processing
2. Receipt and Storage of daily vector transmisstion FDF and Special Projects
3. For a single user, transmit the complete series of Ground Control Messages (GCMs)
4. Transmit daily vector data to WSC
5. 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., Control and Acquisition Data processing.
- Checkout redlined version of LOPs including, but not limited to:

    - 530-UGD-NCC/MMDPS MMDPS Users Guide
    - OCU LOP-003 AT Checklist
    - OCU LOP-004 AT STS Checklist
    - OCU LOP-010 Confirmation of Vectors from FDF
    - OCU LOP-011 AT Checklist for ELV Launch Support

NSIA:

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

DOCS:

- 523-HB_NCC/PA PA Handbook
- 532-HB-NCC/AT ACQ/TRK Handbook

Estimated Run Time:

2 hours prep time (to include shadow time)*
2 hours run time (per variation)

Written By: Donald Murray

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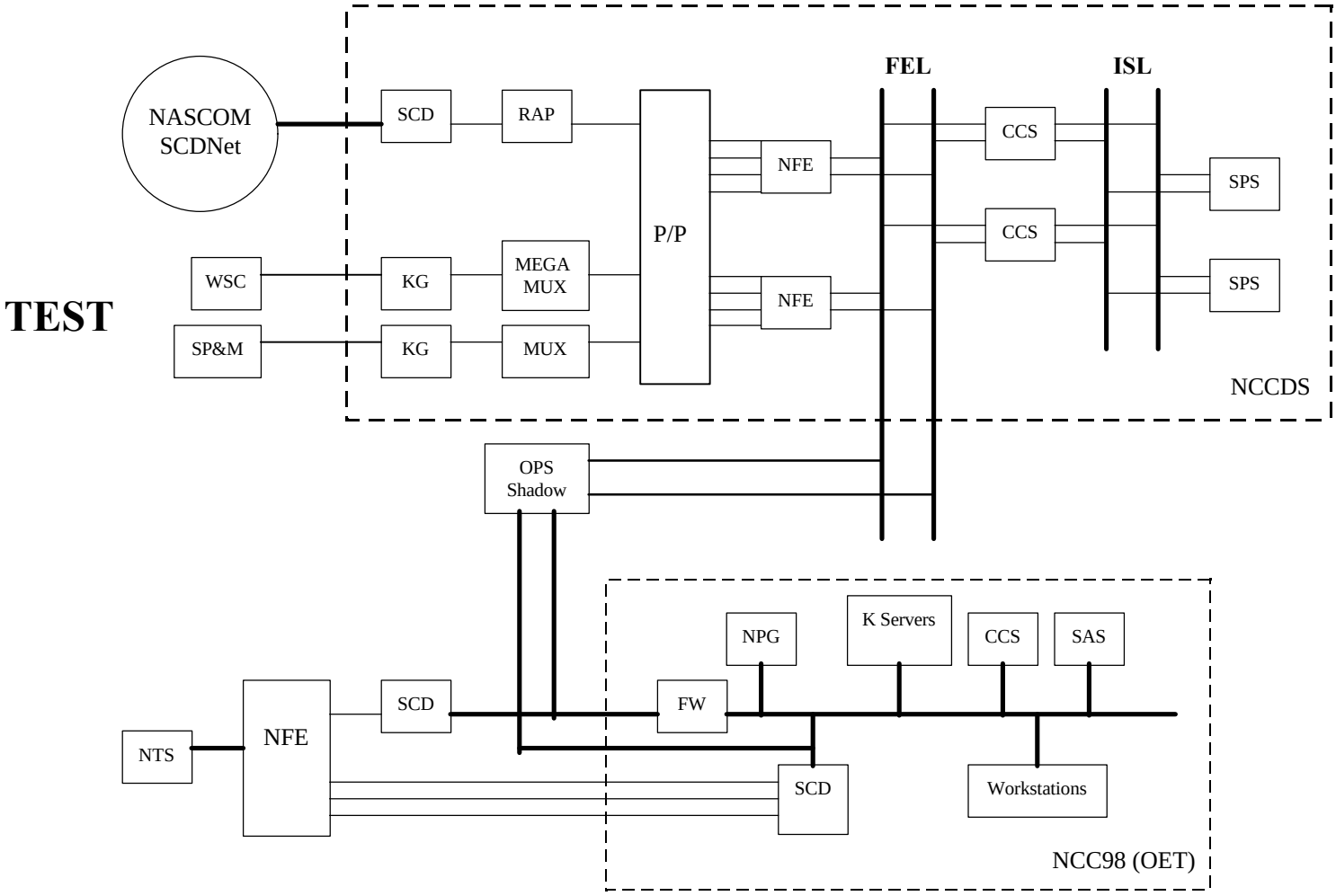

	LISTNER Filters Incoming Data	LISTNER Routing Outgoing Data to NTS
MOCC	98-**, 92-04	91-01, 98-**, 90.**, Acks
WSC	03-**, ODMs 05s, 06s, 07s	Acks
FDF	03-10, 03-15	

Figure CSA 1.0-1

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Training/Ops Scenario Tracking Sheet

Enter the date of each run on the appropriate line:

	CSA-1.0: Baseline	**CSA-1.1: H,I,J Operations**	**CSA-1.2: Virtual Spacecraft Ops**	**CSA-1.3: Ack/Trk Enhancements**
NSIA				
TRAINING:				
PA-1				
PA-2				
PA-3				
PA-4				
PA-5				
PA-6				
PA-7				
PA-8				
Ack/Trk				
DOCUMENTATION:				
PA Scheduling Handbook				
SPSR User's Guide				
PA Skills Catalog				
AT Skills Catalog				
OCU LOP-003				
OCU LOP-004				
OCU LOP-010				
OCU LOP-011				

Table CSA 1-1