Connecting Ops MCS to SIM
File: C_GSP_MCS_SIM.xls
Author: F. Keck

Procedure Summary

Objectives

Connecting the MCS to the Simulator, while operations are
running, without messing up the archive containing real S/C data.

Summary of Constraints

This procedure is only required if no unused MCS chain (e.g. MCS-
C) is available.

Spacecraft Configuration

Start of Procedure

n/a

End of Procedure

n/a

Reference File(s)
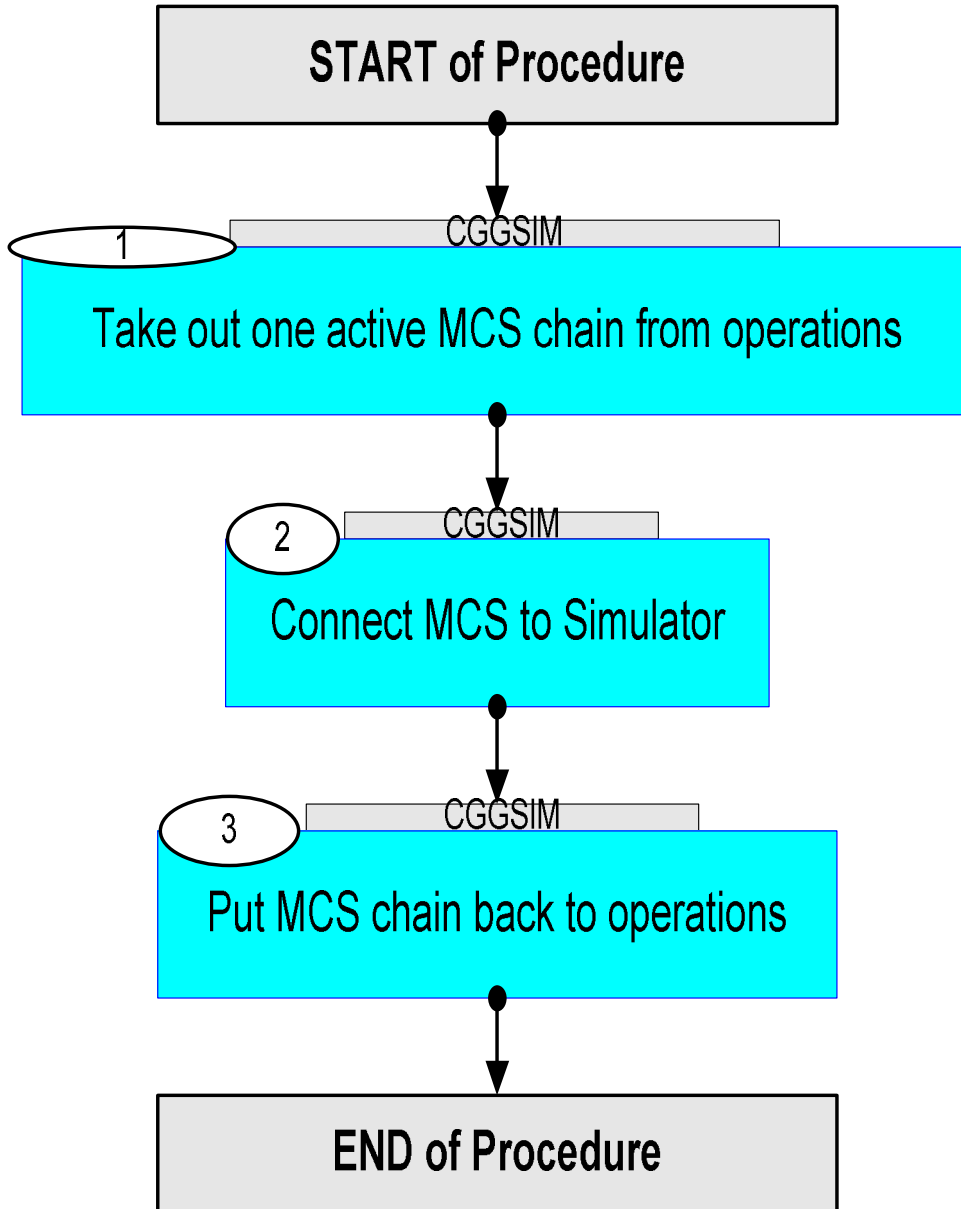
Input Command Sequences

Output Command Sequences

Referenced Displays

ANDs   GRDs   SLDs

Configuration Control Information

DATE	FOP ISSUE	VERSION	MODIFICATION DESCRIPTION	AUTHOR	SPR REF
15/04/09	2.3	1	Created	F. Keck	

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Procedure Flowchart Overview

START of Procedure

CGGSIM

1

Take out one active MCS chain from operations

CGGSIM

2

Connect MCS to Simulator

CGGSIM

3

Put MCS chain back to operations

END of Procedure

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HERSCHEL PLANCK   **esa**

Step No.	Time	Activity/Remarks	TC/TLM	Display/ Branch
		Beginning of Procedure		
		TC Seq. Name : () *TimeTag Type:* *Sub Schedule ID:*		
1		*Take out one active MCS chain from operations*		Next Step: 2
		Disconnect the NCTRS links from the real ground stations.		
		TM SPACON: - Disable filing (R/T and PB) - Disable processing of Time Packets - Switch TCO to TF Stamping		
2		*Connect MCS to Simulator*		Next Step: 3
		Connect the NCTRS links to the Simulator.		
		Perform the planned activities with the Simulator.		
3		*Put MCS chain back to operations*		Next Step: END
		Disconnect the NCTRS links from the Simulator.		
		TM SPACON: - Enable filing (R/T and PB) - Enable processing of Time Packets - Switch TCO to SP Stamping		
		Connect the NCTRS links back to the real ground stations.		
		End of Procedure		