

CONF_chopper_ast_OBS
 File: H_COP_PAC_X009.xls
 Author: R. Biggins



Procedure Summary

Objectives

The objective of this procedure is to configure the chopper servo loop.

Based on procedure:
 CONF_chopper_ast_OBS (v2)

Summary of Constraints

Spacecraft Configuration

Start of Procedure

PACS in NO_PRIME (SAFE) mode

End of Procedure

PACS in NO_PRIME (SAFE) mode

Reference File(s)

Input Command Sequences

Output Command Sequences

HCPX009

Referenced Displays

ANDs GRDs SLDs

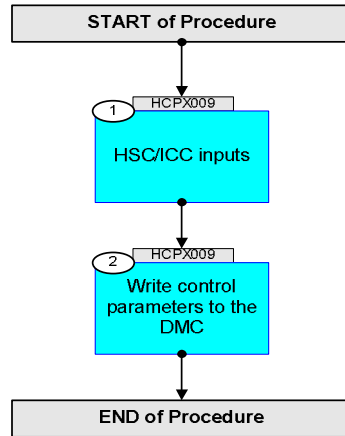
Configuration Control Information

DATE	FOP ISSUE	VERSION	MODIFICATION DESCRIPTION	AUTHOR	SPR REF
26/08/08		1	Created	R. Biggins	
04/12/08		2	Updates due to initial testing - Sequence updated to be plannable by SOC (can use IPF)	R. Biggins	
12/12/08	2	3	Changes due to IPF testing - ALL time tags updated (ET removed) - no change bars	R. Biggins	
20/04/09	2.3	3.01	Validation : Final updates before flight - Summary updated - TC flag updated	R. Biggins	

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Procedure Flowchart Overview



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Step No.	Time	Activity/Remarks	TC/TLM	Display/ Branch
Beginning of Procedure				
TC Seq. Name :HCPX009 (Configure servo loop)				
TimeTag Type: N Sub Schedule ID: □				
1		HSC/ICC inputs		Next Step: 2
		Verify: the following IPF file has been generated and can be called from the Manual Stack (where vvvv is the latest version number): HCPX009_CONFCHOP_vvvv.IPF		
2		Write control parameters to the DMC		Next Step: END
	ET=+ UT=+00.00.00	DMC_WRT_CHOP_CONF_PAR Command Parameter(s) : DMC_4_BYTES_WORDS_DATA PP067420 1 DMC_4_BYTES_WORDS_DATA PP067420 2 DMC_4_BYTES_WORDS_DATA PP067420 3 DMC_4_BYTES_WORDS_DATA PP067420 4 DMC_4_BYTES_WORDS_DATA PP067420 5 DMC_4_BYTES_WORDS_DATA PP067420 6 DMC_4_BYTES_WORDS_DATA PP067420 7 DMC_4_BYTES_WORDS_DATA PP067420 8 DMC_4_BYTES_WORDS_DATA PP067420 9 DMC_4_BYTES_WORDS_DATA PP067420 10 DMC_4_BYTES_WORDS_DATA PP067420 11	PC163420	
		DMC_4_BYTES_WORDS_DATA PP067420 12 DMC_4_BYTES_WORDS_DATA PP067420 13 DMC_4_BYTES_WORDS_DATA PP067420 14 DMC_4_BYTES_WORDS_DATA PP067420 15 DMC_4_BYTES_WORDS_DATA PP067420 16 DMC_4_BYTES_WORDS_DATA PP067420 17 DMC_4_BYTES_WORDS_DATA PP067420 18 DMC_4_BYTES_WORDS_DATA PP067420 19 DMC_4_BYTES_WORDS_DATA PP067420 20 DMC_4_BYTES_WORDS_DATA PP067420 21 DMC_CHECKSUM PP066420 22 TC Control Flags : GBM IL DSE --Y -- ---		
		Subsch. ID : 90 Det. descr. : WRITE THE PARAMETERS TO CONFIGURE THE CHOPPER SERVO LOOP		
		Verification of the correct execution of this procedure is done offline by the PACS ICC.		
End of Procedure				