Doc No. :PT-HMOC-OPS-FOP-6001-OPS-OAH

Fop Issue : 3.0 Issue Date: 13/04/10

Enable or disable RM CPDU TC





Procedure Summary

Objectives

This procedure describes the steps needed to enable or disable a specified CPDU command in the specified RM (commands sent by Ground or CDMU ASW remain unaffected).

Summary of Constraints

Default status of the function: "Started".

When the function is stopped, it does not accept any other telecommands than the:

- Start Function TC(8,1,109);
- Report Function Status TC(8,5,109).

Thus, if the function is stopped this procedure cannot be executed.

Spacecraft Configuration

Start of Procedure

File: H_CRP_DHS_3020.xls
Author: S. Manganelli

n/a

End of Procedure

n/a

Reference File(s)

Input Command Sequences

Output Command Sequences

HRD3020B HRD3020C

Referenced Displays

ANDS GRDS SLDS

Configuration Control Information

DATE	FOP ISSUE	VERSION	MODIFICATION DESCRIPTION	AUTHOR	SPR REF
28/01/08	1	1	Created	cmevi-hp	
08/12/08	2	2	DB check against OBSW 3_6_2	S. Manganelli	

Status : Version 2 - Unchanged

Last Checkin: 08/12/08 Page 1 of 5

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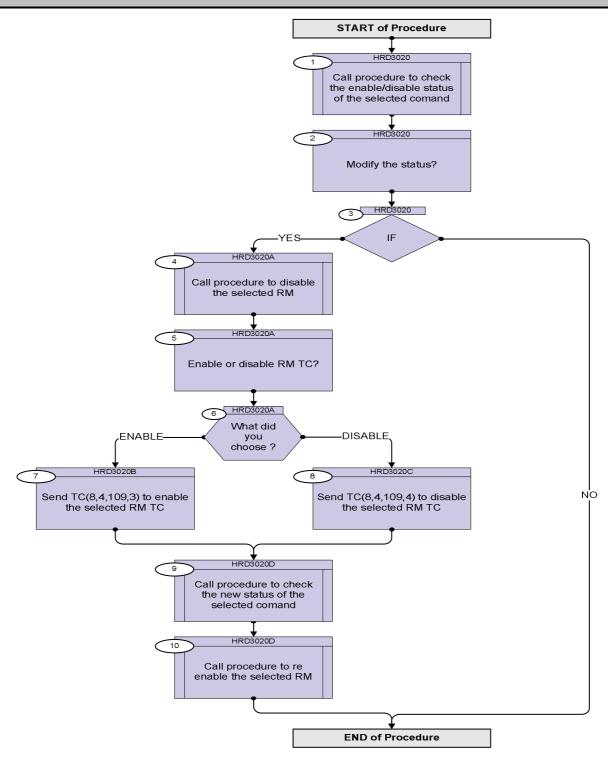
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Procedure Flowchart Overview



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Step No.	Time	Activity/Remarks	TC/TLM	Display/ Branch
		Beginning of Procedure		
		HRD3020 Check status		
		SSID :		
				Next Step:
1		Call procedure to check the enable/disable status of		2
		the selected comand		
		In the called procedure, at step 2 it is necessary to choose the		
		CROME ID and the CROME Register Address.		
		Two registers, depending on the CPDU TC #, must be read		
		(and thus the called procedure has to run twice):		
		- RMH Pulse Mask Clear Register 0 [31:0] (0700_5B00) and		
		RMH Pulse Mask Set Register 0 [31:0] (0700_5B40)		
		- RMH Pulse Mask Clear Register 0 [63:32] (0700_5B04) and RMH Pulse Mask Set Register 0 [63:32] (0700_5B44)		
		- RMH Pulse Mask Clear Register 0 [95:64] (0700_5B08) and RMH Pulse Mask Set Register 0 [95:64] (0700_5B48)		
		Execute procedure H_FCP_DHS_3010.		
2		Modify the status?		Next Step:
				Next Step:
3		IF		YES 4 NO END
		HRD3020A Disable selected RM.		
		agar.		
	1	SSID:		les e
4		Call procedure to disable the selected RM		Next Step: 5
		In the called procedure, at step 3 choose "DISABLE" and then at step 10 choose the RM according to the one selected at		
		step 1 of this procedure.		
		Execute procedure H CRP_DHS_3011.		
				Next Step:
5		Enable or disable RM TC?		6
				Next Step:
6		What did you choose ?		ENABLE 7 DISABLE 8
				-

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Step No.	Time	Activity/Remarks	TC/TLM	Display/ Branch	
		TC Seq. Name :HRD3020B (Enable RM TC.)			
		TimeTag Type: N Sub Schedule ID:			
		Sub Schedule 10.			
7		Send TC(8,4,109,3) to enable the selected RM TC		Next Step: 9	
		In the TC(8,4,109,3) it is necessary to set the following			
		parameters:			
		- RM ID (according to the one selected at step 1 of this			
	procedure) 1 = RM A				
	2 = RM B				
		- CPDII command (13-71)			
Manage and grant grant grant grant grant and an and an	- CPDU command (13-71)				
		Execute Telecommand EnblCmd	DCT57170		
		Command Parameter(s):			
		RmId DH093170 CpduCmdId DH130170	RMID CPDUTC		
			CPDUIC		
		TC Control Flags : GBM IL DSE			
		Y YYY SSID : 10			
		322 7 20			
		TC Seq. Name :HRD3020C (Disable RM TC.)			
		TimeTag Type: N Sub Schedule ID:			
		Dan Deneaule 10.			
8		Send TC(8,4,109,4) to disable the selected RM TC		Next Step: 9	
		,,,,			
		In the TC(8,4,109,4) it is necessary to set the following			
		parameters:			
		- RM ID (according to the one selected at step 1 of this			
		procedure) 1 = RM A			
		2 = RM B			
		- CPDU command (13-71)			
		- GFDG Collillianu (13-71)			

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Step	Timo	Agtivity/Pomorka		TC/TIM	Digplay/ Branch
No.	Time	Activity/Remarks Execute Telecommand		TC/TLM	Display/ Branch
		Execute Telecommand	DisblCmd	DCT58170	
			DISDICING	DC130170	
		Command Parameter(s) :			
		RmId	DH093170	RMID	
		CpduCmdId	DH130170	CPDUTC	
		TC Control Flags :			
			GBM IL DSE		
		gg-p 4.0	Y YYY		
		SSID : 10			

		HRD3020D Check status.			
		SSID :			
1				1	Next Step:
9		Call procedure to check the new star	tug of the		10
		selected comand	LUB OI LINE		
		In the called procedure, at step 2 it is nec			
		CROME ID and the CROME Register Add	9		
		ones selected in step 1 of this procedure.			
		Execute H_FCP_DHS_3010.			
			<u> </u>		Next Step:
10		Call procedure to re enable the sele	ected RM		END
		In the called procedure, at step 3 choose			
		at step 4 choose the RM according to the			
		1 of this procedure.			
		p. 00000101			
		Execute procedure H_CRP_DHS_3011.			
		T-1 -6 7 1			
		End of Procedu	re		

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