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

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

Clear the complete event-action table

File: H_FCP_DHS_3048.xls
Author: S. Manganelli





Procedure Summary

Objectives

The ASW function "Event/Action Management" is responsible to perform the action telecommands associated to corresponding events

This procedure describes the steps needed to remove all entries from the detection list.

Summary of Constraints

To clear the detection list it is necessary to stop the function.

Spacecraft Configuration

Start of Procedure

CDMU in default configuration, that is:

- PM A or B ON (nominally A)

- TM Encoder/OBT A or B active (nominally A) $\,$

- RM A and B enabled

- MM A and B ON $\,$

End of Procedure

CDMU in default configuration, that is:

- PM A or B ON (nominally A)

- TM Encoder/OBT A or B active (nominally A) $\,$

- RM A and B enabled

- MM A and B ON $\,$

Reference File(s)

Input Command Sequences

Output Command Sequences

HFD3048

Referenced Displays

ANDS GRDS SLDS ZAZAI999

Configuration Control Information

DATE	FOP ISSUE	VERSION	MODIFICATION DESCRIPTION	AUTHOR	SPR REF
05/11/07		1	Created	cmevi-hp	
10/06/08	1	2	TC Flag and Seq Properly changed	S. Manganelli	
28/11/08	2	3	Procedure updated according to latest version received from industry on 15/10/2008.	S. Manganelli	

Status : Version 3 - Unchanged

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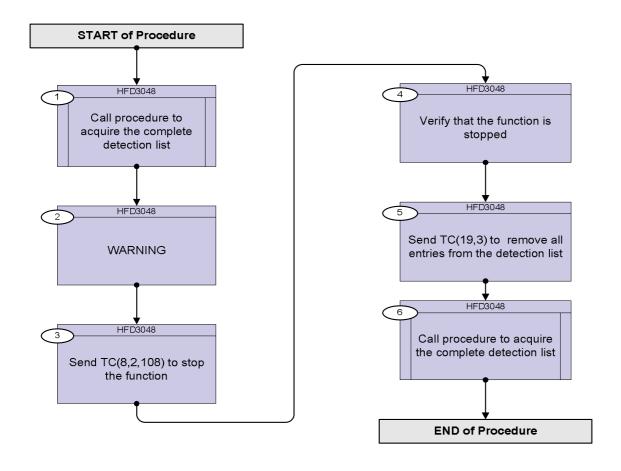
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Procedure Flowchart Overview



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Step No.	Time	Activity/Remarks	TC/TLM	Display/ Branch
		Beginning of Procedure		
		TC Seq. Name :HFD3048 (Clear EAT table)		
		TimeTag Type: N Sub Schedule ID:		
				Next Step:
1		Call procedure to acquire the complete detection list		2
		In the called procedure, choose "Detection List".		
		Execute procedure H_FCP_DHS_3051.		
				Next Step:
2		WARNING		3
		To clear the detection list, it is necessary to stop the function. If the function is disabled while a failure occurs, the onboard FDIR will not be able to manage it.		
		In particular if an AIR occurs while the EAT is disabled, an action from Ground is the only way to perform the reconfiguration.		
				Next Step:
3		Send TC(8,2,108) to stop the function		4
		Clear Event Detection List telecommand is used for removing all entries from the detection list. It is considered critical and therefore it should be armed before usage by Stopping Event/Action Management with TC(8,2,108).		
		Execute Telecommand StopEvtActManag	DCT91170	
		Command Parameter(s): Function_ID DH010170 SPARE_8_BIT GPS08000	108 <dec> (Def) 0 <hex> (Def)</hex></dec>	
		TC Control Flags : GBM IL DSE		
		Subsch. ID : 10 Det. descr. : Stop event/action management TC(8,2,108)		
4		Verify that the function is stopped		Next Step:
		Verify Telemetry EaSts DEG19170	= Stopped	AND=ZAZAI999

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Step No.	Time	Activity/Remarks	TC/TLM	Display/ Branch		
5		Send TC(19,3) to remove all entries from the detection list		Next Step: 6		
		Warning: The request to clear the detection list is rejected in case an EAT dump is on going.				
		Execute Telecommand ClearEvtActTable	DCT83170			
		TC Control Flags: GBM IL DSE Y Subsch. ID: 10 Det. descr.: TEMPLATE Clear Event/Action Table TC(19,3)				
6		Call procedure to acquire the complete detection list		Next Step: END		
		In the called procedure, choose "Detection List".				
		Execute procedure H_FCP_DHS_3051.				
End of Procedure						

Status : Version 3 - Unchanged

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