

Configure DTM for FD
File: H_FCP_AOC_D3FD.xls
Author: dsalt-hp



Procedure Summary

Objectives

The objective of this special Herschel ACMS procedure is to either define/enable or disable/delete selected DTM packets to allow FD monitoring of key ACMS parameters.

The procedure involves the following activities:

- options for DTM_1 (STR 1 & 2 data)
SPID=18018109
- options for DTM_2 (STRM 18 stars data)
SPID=18025109
- options for DTM_3 (CRS calibration with STR1)
SPID=240007990
- options for DTM_4 (CRS calibration with STR2)
SPID=240008990
- options for DTM_5 (STR1 & STR2 calibration data)
SPID=240009990
- options for DTM_6 (STR data with 9 Stars)
SPID=240011990
- options for DTM_7 (STR data with 9 + AGBE data)
SPID=240022990

Summary of Constraints

No other ACC critical command armed.

Spacecraft Configuration

Start of Procedure

n/a

End of Procedure

n/a

Reference File(s)

Input Command Sequences

Output Command Sequences

HFAD3FDA
HFAD3FDB
HFAD3FDC
HFAD3FDD
HFAD3FDE
HFAD3PDF
HFAD3FDG
HFAD3FDH
HFAD3FDI
HFAD3FDJ
HFAD3FDK
HFAD3FDL
HFAD3FDM
HFAD3FDN

Referenced Displays

ANDs GRDs SLDs

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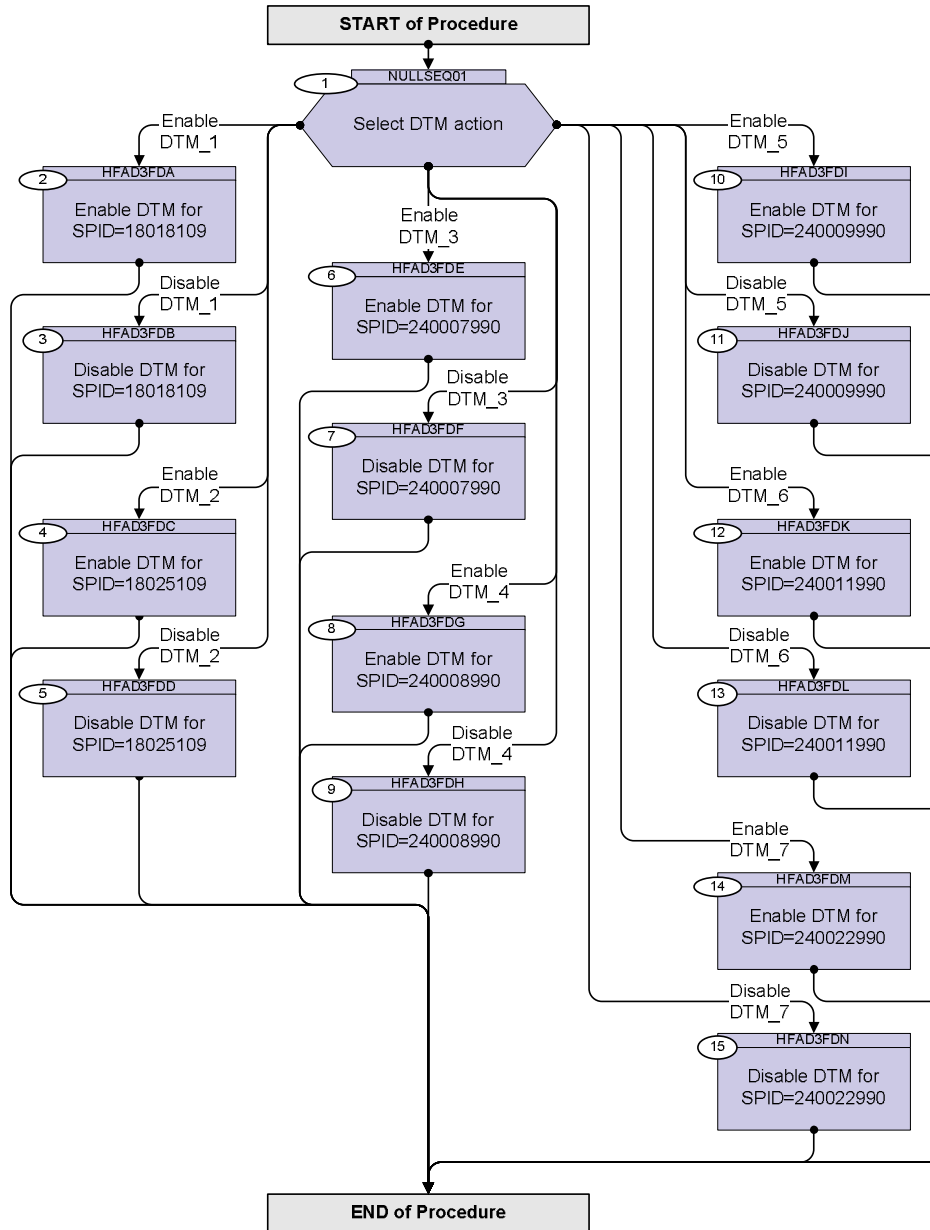
Configuration Control Information

DATE	FOP ISSUE	VERSION	MODIFICATION DESCRIPTION	AUTHOR	SPR REF
07/08/2008		1	Created	dsalt-hp	
02/09/2008		2	TC instances updated for new packets giving STR data for 9 stars, without supercommutation.	dsalt-hp	
03/09/2008		3	TC in Step 1.1 corrected in MIB	dsalt-hp	
03/12/2008		4	Steps added to enable another DTM packet (SPID=18018109)	dsalt-hp	
10/12/2008	2	5	Flowchart branch label corrected for Step 5 and some additional comments added in Step 2-5	dsalt-hp	
25/03/2009	2.2	6	Step 2 TC redefined to include additional TM parameters within the DTM packet (SPID=240011990)	dsalt-hp	
20/04/2009	2.3	7	Expanded to cover all DTM required by FD for LEOP, commissioning & routine operations	dsalt-hp	
18/12/2009	3	8	New instance of TC in Step 12.1 now included and exported in sequence HFAD3FDK	dsalt-hp	
11/10/2010	3.1	9	Step 14 & 15 added to define/enable & disable/delete new DTM packet (SPID=240022990) with 9-stars + AGBE data	dsalt-hp	

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Procedure Flowchart Overview



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Step No.	Time	Activity/Remarks	TC/TLM	Display/ Branch
Beginning of Procedure				
<p><i>TC Seq. Name : NULLSEQ01 (Null Sequence 01)</i></p> <p><i>TimeTag Type:</i> <i>Sub Schedule ID:</i></p> <p style="text-align: center;"><input type="checkbox"/></p>				
1		Select DTM action		Next Step: Disable DTM_2 5 Enable DTM_1 2 Disable DTM_1 3 Enable DTM_2 4 Enable DTM_3 6 Disable DTM_3 7 Enable DTM_4 8
				Disable DTM_4 9 Enable DTM_5 10 Disable DTM_5 11 Enable DTM_6 12 Disable DTM_6 13 Enable DTM_7 14 Disable DTM_7 15
<p><i>TC Seq. Name : HFAD3FDA (Enable DTM_1 for FD)</i></p> <p><i>TimeTag Type: N</i> <i>Sub Schedule ID:</i></p> <p style="text-align: center;"><input type="checkbox"/></p>				
2		Enable DTM for SPID=18018109		Next Step: END
2.1		Command DTM definition		<input type="checkbox"/>

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Step No.	Time	Activity/Remarks	TC/TLM	Display/ Branch
		Execute Telecommand <p style="text-align: right;">TC32H STR SA11D1 1Hz</p> Command Parameter(s) : HK Packet ID AH3PK109 TC3x_SID AHW04109 Interval AH3SA109 DID number AH3PA109 DID number AH3PA109 TC Control Flags : GBM IL DSE --Y -- --- Subsch. ID : 20 Det. descr. : TC(3,2) Define H DTM STR 1/2 SA11D1 1Hz	ACZYV109 118 <dec> (Def) DTM Str12Sa11s (Def) 4 <dec> (Def) 16484 <dec> (Def) 16817 <dec> (Def)	
2.2		Report DTM definition		□
		Execute Telecommand <p style="text-align: right;">Report Diag Report Def</p> Command Parameter(s) : Number of pkts AH3NP109 HK Packet ID AH3PK109 TC Control Flags : GBM IL DSE --Y -- --- Subsch. ID : 20 Det. descr. : TC(3,11) Report Diagnostic Parameter Report Definitions	AC311109 1 <dec> (Def) 118 <dec>	
2.3		Enable TM generation		□
		Execute Telecommand <p style="text-align: right;">EnableTmGen</p> Command Parameter(s) : N AH017070 Sub-Type AH019070 Packet-ID AH020070 TC Control Flags : GBM IL DSE --Y -- --- Subsch. ID : 20 Det. descr. : Enable Generation of Telemetry Packets	AC900070 1 <dec> (Def) 26 <dec> 118 <dec>	
2.4		Verify DTM Enable for SPID=18018109 (STR 1 & 2 data)		□
		NOTE: The arrival of this packet can be seen on the MCS via the TM History Display .		

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Step No.	Time	Activity/Remarks	TC/TLM	Display/ Branch
		Verify Packet Reception Packet Details: <div style="text-align: right;"> H DTM STR1-2 SA11D1 APID: 514 Type: 3 Subtype: 26 PI1: 20018 PI2: </div>	A3DHSTRSA11	
TC Seq. Name : HFAD3FDB (Disable DTM_1 for FD) TimeTag Type: N Sub Schedule ID: <input type="checkbox"/>				
3		Disable DTM for SPID=18018109		Next Step: END
3.1		Disable TM generation		<input type="checkbox"/>
		Execute Telecommand <div style="text-align: right;">DisableTmGen</div> Command Parameter(s) : <div style="text-align: right;"> N AH017070 Sub-Type AH019070 Packet-ID AH020070 </div> TC Control Flags : <div style="text-align: right;"> GBM IL DSE --Y -- --- </div> Subsch. ID : 20 Det. descr. : Disable Generation of Telemetry Packets	AC902070 1 <dec> (Def) 26 <dec> 118 <dec>	
3.2		Clear DTM		<input type="checkbox"/>
		Execute Telecommand <div style="text-align: right;">Clear Diagnostic Report</div> Command Parameter(s) : <div style="text-align: right;"> Number of pkts AH3NP109 HK Packet ID AH3PK109 </div> TC Control Flags : <div style="text-align: right;"> GBM IL DSE --Y -- --- </div> Subsch. ID : 20 Det. descr. : TC(3,4) Clear Diagnostic Parameter Report Definitions	AC034109 1 <dec> (Def) 118 <dec>	
		NOTE: The disabling of this packet can be checked/confirmed on the MCS via the TM History Display .		

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Step No.	Time	Activity/Remarks	TC/TLM	Display/ Branch
TC Seq. Name : HFAD3FDC (Enable DTM_2 for FD) TimeTag Type: N Sub Schedule ID: <input type="checkbox"/>				
4		Enable DTM for SPID=18025109		Next Step: END
4.1		Command DTM definition		<input type="checkbox"/>
		Execute Telecommand TC32H Data 18 Stars S 1 Command Parameter(s) : HK Packet ID AH3PK109 TC3x_SID AHW04109 Interval AH3SA109 DID number AH3PA109 DID number AH3PA109 DID number AH3PA109 DID number AH3PA109 DID number AH3PA109 DID number AH3PA109 DID number AH3PA109 DID number AH3PA109 DID number AH3PA109 DID number AH3PA109 DID number AH3PA109	ACZ20109 30025 <dec> DTM 18StarsSup (Def) 4 <dec> (Def) 20557 <dec> (Def) 20557 <dec> (Def) 20557 <dec> (Def) 20557 <dec> (Def) 20558 <dec> (Def) 20558 <dec> (Def) 20558 <dec> (Def) 20558 <dec> (Def)	

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Step No.	Time	Activity/Remarks	TC/TLM	Display/ Branch
		DID number AH3PA109	20559 <dec> (Def)	
		DID number AH3PA109	20559 <dec> (Def)	
		DID number AH3PA109	20559 <dec> (Def)	
		DID number AH3PA109	20559 <dec> (Def)	
		DID number AH3PA109	20560 <dec> (Def)	
		DID number AH3PA109	20560 <dec> (Def)	
		DID number AH3PA109	20560 <dec> (Def)	
		DID number AH3PA109	20560 <dec> (Def)	
		DID number AH3PA109	18757 <dec> (Def)	
		DID number AH3PA109	18757 <dec> (Def)	
		DID number AH3PA109	18757 <dec> (Def)	
		DID number AH3PA109	18757 <dec> (Def)	
		DID number AH3PA109	18758 <dec> (Def)	
		DID number AH3PA109	18758 <dec> (Def)	
		DID number AH3PA109	18758 <dec> (Def)	
		DID number AH3PA109	18758 <dec> (Def)	
		DID number AH3PA109	18759 <dec> (Def)	
		DID number AH3PA109	18759 <dec> (Def)	
		DID number AH3PA109	18759 <dec> (Def)	
		DID number AH3PA109	18759 <dec> (Def)	
		DID number AH3PA109	18760 <dec> (Def)	
		DID number AH3PA109	18760 <dec> (Def)	
		DID number AH3PA109	18760 <dec> (Def)	
		DID number AH3PA109	18760 <dec> (Def)	
		DID number AH3PA109	18761 <dec> (Def)	
		DID number AH3PA109	18761 <dec> (Def)	
		DID number AH3PA109	18761 <dec> (Def)	
		DID number AH3PA109	18761 <dec> (Def)	
		DID number AH3PA109	18762 <dec> (Def)	
		DID number AH3PA109	18762 <dec> (Def)	

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Step No.	Time	Activity/Remarks	TC/TLM	Display/ Branch
		DID number AH3PA109	18762 <dec> (Def)	
		DID number AH3PA109	18762 <dec> (Def)	
		DID number AH3PA109	18763 <dec> (Def)	
		DID number AH3PA109	18763 <dec> (Def)	
		DID number AH3PA109	18763 <dec> (Def)	
		DID number AH3PA109	18763 <dec> (Def)	
		DID number AH3PA109	18763 <dec> (Def)	
		DID number AH3PA109	18764 <dec> (Def)	
		DID number AH3PA109	18764 <dec> (Def)	
		DID number AH3PA109	18764 <dec> (Def)	
		DID number AH3PA109	18764 <dec> (Def)	
		DID number AH3PA109	18764 <dec> (Def)	
		DID number AH3PA109	18765 <dec> (Def)	
		DID number AH3PA109	18765 <dec> (Def)	
		DID number AH3PA109	18765 <dec> (Def)	
		DID number AH3PA109	18765 <dec> (Def)	
		DID number AH3PA109	18778 <dec> (Def)	
		DID number AH3PA109	18778 <dec> (Def)	
		DID number AH3PA109	18778 <dec> (Def)	
		DID number AH3PA109	18779 <dec> (Def)	
		DID number AH3PA109	18779 <dec> (Def)	
		DID number AH3PA109	18779 <dec> (Def)	
		DID number AH3PA109	18779 <dec> (Def)	
		DID number AH3PA109	18779 <dec> (Def)	
		DID number AH3PA109	18780 <dec> (Def)	
		DID number AH3PA109	18780 <dec> (Def)	
		DID number AH3PA109	18780 <dec> (Def)	
		DID number AH3PA109	18780 <dec> (Def)	
		DID number AH3PA109	18781 <dec> (Def)	
		DID number AH3PA109	18781 <dec> (Def)	
		DID number AH3PA109	18781 <dec> (Def)	
		DID number AH3PA109	18781 <dec> (Def)	

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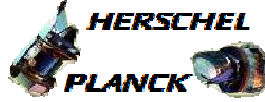
Step No.	Time	Activity/Remarks	TC/TLM	Display/ Branch
		DID number AH3PA109	18782 <dec> (Def)	
		DID number AH3PA109	18782 <dec> (Def)	
		DID number AH3PA109	18782 <dec> (Def)	
		DID number AH3PA109	18782 <dec> (Def)	
		DID number AH3PA109	18783 <dec> (Def)	
		DID number AH3PA109	18783 <dec> (Def)	
		DID number AH3PA109	18783 <dec> (Def)	
		DID number AH3PA109	18783 <dec> (Def)	
		DID number AH3PA109	18784 <dec> (Def)	
		DID number AH3PA109	18784 <dec> (Def)	
		DID number AH3PA109	18784 <dec> (Def)	
		DID number AH3PA109	18784 <dec> (Def)	
		DID number AH3PA109	18784 <dec> (Def)	
		DID number AH3PA109	18785 <dec> (Def)	
		DID number AH3PA109	18785 <dec> (Def)	
		DID number AH3PA109	18785 <dec> (Def)	
		DID number AH3PA109	18785 <dec> (Def)	
		DID number AH3PA109	18785 <dec> (Def)	
		DID number AH3PA109	18786 <dec> (Def)	
		DID number AH3PA109	18786 <dec> (Def)	
		DID number AH3PA109	18786 <dec> (Def)	
		DID number AH3PA109	18786 <dec> (Def)	
		DID number AH3PA109	18786 <dec> (Def)	
		DID number AH3PA109	20561 <dec> (Def)	
		DID number AH3PA109	20561 <dec> (Def)	
		DID number AH3PA109	20561 <dec> (Def)	
		DID number AH3PA109	20561 <dec> (Def)	
		DID number AH3PA109	20562 <dec> (Def)	
		DID number AH3PA109	20562 <dec> (Def)	
		DID number AH3PA109	20562 <dec> (Def)	
		DID number AH3PA109	20562 <dec> (Def)	
		DID number AH3PA109	20562 <dec> (Def)	
		DID number AH3PA109	20563 <dec> (Def)	
		DID number AH3PA109	20563 <dec> (Def)	
		DID number AH3PA109	20563 <dec> (Def)	

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Step No.	Time	Activity/Remarks	TC/TLM	Display/ Branch
		DID number AH3PA109 DID number AH3PA109 DID number AH3PA109 DID number AH3PA109 DID number AH3PA109 DID number AH3PA109 TC Control Flags : GBM IL DSE --Y -- -- Subsch. ID : 20 Det. descr. : TC(3,2) H Data for 18 Stars Supersampled 1	20563 <dec> (Def) 20563 <dec> (Def) 20564 <dec> (Def) 20564 <dec> (Def) 20564 <dec> (Def) 20564 <dec> (Def)	
		Execute Telecommand TC32H Data 18 Stars s 2 Command Parameter(s) : HK Packet ID AH3PK109 TC3x_SID AHW04109 Interval AH3SA109 DID number AH3PA109 DID number AH3PA109 DID number AH3PA109 DID number AH3PA109 DID number AH3PA109 DID number AH3PA109 DID number AH3PA109 DID number AH3PA109 DID number AH3PA109	ACZ21109 30025 <dec> DTM 18StarsSup (Def) 4 <dec> (Def) 20565 <dec> (Def) 20565 <dec> (Def) 20565 <dec> (Def) 20565 <dec> (Def) 20566 <dec> (Def) 20566 <dec> (Def) 20566 <dec> (Def) 20566 <dec> (Def)	

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Step No.	Time	Activity/Remarks	TC/TLM	Display/ Branch
		DID number AH3PA109	20567 <dec> (Def)	
		DID number AH3PA109	20567 <dec> (Def)	
		DID number AH3PA109	20567 <dec> (Def)	
		DID number AH3PA109	20567 <dec> (Def)	
		DID number AH3PA109	20568 <dec> (Def)	
		DID number AH3PA109	20568 <dec> (Def)	
		DID number AH3PA109	20568 <dec> (Def)	
		DID number AH3PA109	20568 <dec> (Def)	
		DID number AH3PA109	20569 <dec> (Def)	
		DID number AH3PA109	20569 <dec> (Def)	
		DID number AH3PA109	20569 <dec> (Def)	
		DID number AH3PA109	20569 <dec> (Def)	
		DID number AH3PA109	20570 <dec> (Def)	
		DID number AH3PA109	20570 <dec> (Def)	
		DID number AH3PA109	20570 <dec> (Def)	
		DID number AH3PA109	20570 <dec> (Def)	
		DID number AH3PA109	20570 <dec> (Def)	
		DID number AH3PA109	20570 <dec> (Def)	
		DID number AH3PA109	20571 <dec> (Def)	
		DID number AH3PA109	20571 <dec> (Def)	
		DID number AH3PA109	20571 <dec> (Def)	
		DID number AH3PA109	20571 <dec> (Def)	
		DID number AH3PA109	20571 <dec> (Def)	
		DID number AH3PA109	20572 <dec> (Def)	
		DID number AH3PA109	20572 <dec> (Def)	
		DID number AH3PA109	20572 <dec> (Def)	
		DID number AH3PA109	20572 <dec> (Def)	
		DID number AH3PA109	20573 <dec> (Def)	
		DID number AH3PA109	20573 <dec> (Def)	
		DID number AH3PA109	20573 <dec> (Def)	
		DID number AH3PA109	20573 <dec> (Def)	
		DID number AH3PA109	20573 <dec> (Def)	
		DID number AH3PA109	20574 <dec> (Def)	
		DID number AH3PA109	20574 <dec> (Def)	

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Step No.	Time	Activity/Remarks	TC/TLM	Display/ Branch
		DID number AH3PA109	20574 <dec> (Def)	
		DID number AH3PA109	20574 <dec> (Def)	
		DID number AH3PA109	20575 <dec> (Def)	
		DID number AH3PA109	20575 <dec> (Def)	
		DID number AH3PA109	20575 <dec> (Def)	
		DID number AH3PA109	20575 <dec> (Def)	
		DID number AH3PA109	20575 <dec> (Def)	
		DID number AH3PA109	20576 <dec> (Def)	
		DID number AH3PA109	20576 <dec> (Def)	
		DID number AH3PA109	20576 <dec> (Def)	
		DID number AH3PA109	20576 <dec> (Def)	
		DID number AH3PA109	20576 <dec> (Def)	
		DID number AH3PA109	20577 <dec> (Def)	
		DID number AH3PA109	20577 <dec> (Def)	
		DID number AH3PA109	20577 <dec> (Def)	
		DID number AH3PA109	20577 <dec> (Def)	
		DID number AH3PA109	20578 <dec> (Def)	
		DID number AH3PA109	20578 <dec> (Def)	
		DID number AH3PA109	20578 <dec> (Def)	
		DID number AH3PA109	20579 <dec> (Def)	
		DID number AH3PA109	20579 <dec> (Def)	
		DID number AH3PA109	20579 <dec> (Def)	
		DID number AH3PA109	20579 <dec> (Def)	
		DID number AH3PA109	20580 <dec> (Def)	
		DID number AH3PA109	20580 <dec> (Def)	
		DID number AH3PA109	20580 <dec> (Def)	
		DID number AH3PA109	20580 <dec> (Def)	
		DID number AH3PA109	20581 <dec> (Def)	
		DID number AH3PA109	20581 <dec> (Def)	
		DID number AH3PA109	20581 <dec> (Def)	
		DID number AH3PA109	20581 <dec> (Def)	

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		DID number AH3PA109	20582 <dec> (Def)	
		DID number AH3PA109	20582 <dec> (Def)	
		DID number AH3PA109	20582 <dec> (Def)	
		DID number AH3PA109	20582 <dec> (Def)	
		DID number AH3PA109	20583 <dec> (Def)	
		DID number AH3PA109	20583 <dec> (Def)	
		DID number AH3PA109	20583 <dec> (Def)	
		DID number AH3PA109	20583 <dec> (Def)	
		DID number AH3PA109	20584 <dec> (Def)	
		DID number AH3PA109	20584 <dec> (Def)	
		DID number AH3PA109	20584 <dec> (Def)	
		DID number AH3PA109	20584 <dec> (Def)	
		DID number AH3PA109	20584 <dec> (Def)	
		DID number AH3PA109	20585 <dec> (Def)	
		DID number AH3PA109	20585 <dec> (Def)	
		DID number AH3PA109	20585 <dec> (Def)	
		DID number AH3PA109	20585 <dec> (Def)	
		DID number AH3PA109	20585 <dec> (Def)	
		DID number AH3PA109	20585 <dec> (Def)	
		DID number AH3PA109	20585 <dec> (Def)	
		DID number AH3PA109	20585 <dec> (Def)	
		DID number AH3PA109	20585 <dec> (Def)	
		DID number AH3PA109	20586 <dec> (Def)	
		DID number AH3PA109	20586 <dec> (Def)	
		DID number AH3PA109	20586 <dec> (Def)	
		DID number AH3PA109	20586 <dec> (Def)	
		DID number AH3PA109	20587 <dec> (Def)	
		DID number AH3PA109	20587 <dec> (Def)	
		DID number AH3PA109	20587 <dec> (Def)	
		DID number AH3PA109	20587 <dec> (Def)	
		DID number AH3PA109	20588 <dec> (Def)	
		DID number AH3PA109	20588 <dec> (Def)	
		DID number AH3PA109	20588 <dec> (Def)	
		DID number AH3PA109	20588 <dec> (Def)	
		DID number AH3PA109	20588 <dec> (Def)	
		DID number AH3PA109	20589 <dec> (Def)	
		DID number AH3PA109	20589 <dec> (Def)	
		DID number AH3PA109	20589 <dec> (Def)	

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		DID number AH3PA109 DID number AH3PA109 DID number AH3PA109 DID number AH3PA109 DID number AH3PA109 DID number AH3PA109 TC Control Flags : GBM IL DSE --Y -- --- Subsch. ID : 20 Det. descr. : TC(3,2) H Data for 18 Stars Supersampled 2	20589 <dec> (Def) 20589 <dec> (Def) 20590 <dec> (Def) 20590 <dec> (Def) 20590 <dec> (Def) 20590 <dec> (Def)	
		Execute Telecommand TC32H Data 18 Stars S 3 Command Parameter(s) : HK Packet ID AH3PK109 TC3x_SID AHW04109 Interval AH3SA109 DID number AH3PA109 DID number AH3PA109 DID number AH3PA109 DID number AH3PA109 DID number AH3PA109 DID number AH3PA109 DID number AH3PA109 DID number AH3PA109 DID number AH3PA109	ACZ22109 30025 <dec> DTM 18StarsSup (Def) 4 <dec> (Def) 20591 <dec> (Def) 20591 <dec> (Def) 20591 <dec> (Def) 20591 <dec> (Def) 20592 <dec> (Def) 20592 <dec> (Def) 20592 <dec> (Def) 20592 <dec> (Def)	

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Step No.	Time	Activity/Remarks	TC/TLM	Display/ Branch
		DID number AH3PA109	18769 <dec> (Def)	
		DID number AH3PA109	18769 <dec> (Def)	
		DID number AH3PA109	18770 <dec> (Def)	
		DID number AH3PA109	18770 <dec> (Def)	
		DID number AH3PA109	18770 <dec> (Def)	
		DID number AH3PA109	18770 <dec> (Def)	
		DID number AH3PA109	18770 <dec> (Def)	
		DID number AH3PA109	18771 <dec> (Def)	
		DID number AH3PA109	18771 <dec> (Def)	
		DID number AH3PA109	18771 <dec> (Def)	
		DID number AH3PA109	18771 <dec> (Def)	
		DID number AH3PA109	18772 <dec> (Def)	
		DID number AH3PA109	18772 <dec> (Def)	
		DID number AH3PA109	18772 <dec> (Def)	
		DID number AH3PA109	18772 <dec> (Def)	
		DID number AH3PA109	18773 <dec> (Def)	
		DID number AH3PA109	18773 <dec> (Def)	
		DID number AH3PA109	18773 <dec> (Def)	
		DID number AH3PA109	18774 <dec> (Def)	
		DID number AH3PA109	18774 <dec> (Def)	
		DID number AH3PA109	18774 <dec> (Def)	
		DID number AH3PA109	18774 <dec> (Def)	
		DID number AH3PA109	18774 <dec> (Def)	
		DID number AH3PA109	18787 <dec> (Def)	
		DID number AH3PA109	18787 <dec> (Def)	
		DID number AH3PA109	18787 <dec> (Def)	
		DID number AH3PA109	18787 <dec> (Def)	
		DID number AH3PA109	18788 <dec> (Def)	
		DID number AH3PA109	18788 <dec> (Def)	
		DID number AH3PA109	18788 <dec> (Def)	
		DID number AH3PA109	18788 <dec> (Def)	
		DID number AH3PA109	18788 <dec> (Def)	

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Step No.	Time	Activity/Remarks	TC/TLM	Display/ Branch												
		<p style="text-align: right;">GBM IL DSE --Y -- ---</p> <p>Subsch. ID : 20 Det. descr. : TC(3,2) H Data for 18 Stars Supersampled 3</p>														
		<p>Execute Telecommand</p> <p style="text-align: center;">TC32H Data 18 Stars S C</p> <p>Command Parameter(s) :</p> <table style="width: 100%; border: none;"> <tr> <td style="width: 30%;">HK Packet ID</td> <td style="width: 30%;">AH3PK109</td> <td style="width: 40%;">30025 <dec></td> </tr> <tr> <td>TC3x_SID</td> <td>AHW04109</td> <td>DTM 18StarsSup</td> </tr> <tr> <td>Interval</td> <td>AH3SA109</td> <td>(Def)</td> </tr> <tr> <td></td> <td></td> <td>4 <dec> (Def)</td> </tr> </table> <p>TC Control Flags :</p> <p style="text-align: right;">GBM IL DSE --Y -- ---</p> <p>Subsch. ID : 20 Det. descr. : TC(3,2) H Data for 18 Stars Supersampled C</p>	HK Packet ID	AH3PK109	30025 <dec>	TC3x_SID	AHW04109	DTM 18StarsSup	Interval	AH3SA109	(Def)			4 <dec> (Def)	ACZ23109	
HK Packet ID	AH3PK109	30025 <dec>														
TC3x_SID	AHW04109	DTM 18StarsSup														
Interval	AH3SA109	(Def)														
		4 <dec> (Def)														
4.2		Report DTM definition		□												
		<p>Execute Telecommand</p> <p style="text-align: center;">Report Diag Report Def</p> <p>Command Parameter(s) :</p> <table style="width: 100%; border: none;"> <tr> <td style="width: 30%;">Number of pkts</td> <td style="width: 30%;">AH3NP109</td> <td style="width: 40%;">1 <dec> (Def)</td> </tr> <tr> <td>HK Packet ID</td> <td>AH3PK109</td> <td>30025 <dec></td> </tr> </table> <p>TC Control Flags :</p> <p style="text-align: right;">GBM IL DSE --Y -- ---</p> <p>Subsch. ID : 20 Det. descr. : TC(3,11) Report Diagnostic Parameter Report Definitions</p>	Number of pkts	AH3NP109	1 <dec> (Def)	HK Packet ID	AH3PK109	30025 <dec>	AC311109							
Number of pkts	AH3NP109	1 <dec> (Def)														
HK Packet ID	AH3PK109	30025 <dec>														
4.3		Enable TM generation		□												
		<p>Execute Telecommand</p> <p style="text-align: center;">EnableTmGen</p> <p>Command Parameter(s) :</p> <table style="width: 100%; border: none;"> <tr> <td style="width: 30%;">N</td> <td style="width: 30%;">AH017070</td> <td style="width: 40%;">1 <dec> (Def)</td> </tr> <tr> <td>Sub-Type</td> <td>AH019070</td> <td>26 <dec></td> </tr> <tr> <td>Packet-ID</td> <td>AH020070</td> <td>30025 <dec></td> </tr> </table> <p>TC Control Flags :</p> <p style="text-align: right;">GBM IL DSE --Y -- ---</p> <p>Subsch. ID : 20 Det. descr. : Enable Generation of Telemetry Packets</p>	N	AH017070	1 <dec> (Def)	Sub-Type	AH019070	26 <dec>	Packet-ID	AH020070	30025 <dec>	AC900070				
N	AH017070	1 <dec> (Def)														
Sub-Type	AH019070	26 <dec>														
Packet-ID	AH020070	30025 <dec>														
4.4		Verify DTM Enable for SPID=18022109 (STRM 18 stars data)		□												

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Step No.	Time	Activity/Remarks	TC/TLM	Display/ Branch
		NOTE: The arrival of this packet can be seen on the MCS via the TM History Display .		
		Verify Packet Reception Packet Details: <div style="float: right; text-align: right;"> H TM Data for 18 Stars A3DH18StarsS APID: 514 Type: 3 Subtype: 26 PI1: 30025 PI2: </div>		
TC Seq. Name :HFAD3FDD (Disable DTM_2 for FD) TimeTag Type: N Sub Schedule ID: <input type="checkbox"/>				
5		Disable DTM for SPID=18025109		Next Step: END
5.1		Disable TM generation		<input type="checkbox"/>
		Execute Telecommand <div style="text-align: right;"> DisableTmGen </div> Command Parameter(s) : <div style="float: right; text-align: right;"> AC902070 1 <dec> (Def) 26 <dec> 30025 <dec> </div> TC Control Flags : <div style="float: right; text-align: right;"> GBM IL DSE --Y -- -- </div> Subsch. ID : 20 Det. descr. : Disable Generation of Telemetry Packets		
5.2		Clear DTM		<input type="checkbox"/>
		Execute Telecommand <div style="text-align: right;"> Clear Diagnostic Report </div> Command Parameter(s) : <div style="float: right; text-align: right;"> AC034109 1 <dec> (Def) 30025 <dec> </div> TC Control Flags : <div style="float: right; text-align: right;"> GBM IL DSE --Y -- -- </div> Subsch. ID : 20 Det. descr. : TC(3,4) Clear Diagnostic Parameter Report Definitions		

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Step No.	Time	Activity/Remarks	TC/TLM	Display/ Branch
		NOTE: The disabling of this packet can be checked/confirmed on the MCS via the TM History Display .		
<p>TC Seq. Name : HFAD3FDE (Enable DTM_3 for FD)</p> <p>TimeTag Type: N Sub Schedule ID: <input type="checkbox"/></p>				
6		Enable DTM for SPID=240007990		Next Step: END
6.1		Command DTM definition		<input type="checkbox"/>
		Execute Telecommand <p style="text-align: right;">TC32P_CRS_CALB_STR1</p> Command Parameter(s) : <p style="text-align: right;">Interval XH314990</p> TC Control Flags : <p style="text-align: right;">GBM IL DSE --Y -- ---</p> Subsch. ID : 30 Det. descr. : TC(3,2) Defines CRS calibration packet using STR 1 data only	XC057990 4 <dec> (Def)	
6.2		Report DTM definition		<input type="checkbox"/>
		Execute Telecommand <p style="text-align: right;">Report Diag Report Def</p> Command Parameter(s) : <p style="text-align: right;">Number of pkts AH3NP109 HK Packet ID AH3PK109</p> TC Control Flags : <p style="text-align: right;">GBM IL DSE --Y -- ---</p> Subsch. ID : 20 Det. descr. : TC(3,11) Report Diagnostic Parameter Report Definitions	AC311109 1 <dec> (Def) 302 <dec>	
6.3		Enable TM generation		<input type="checkbox"/>

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Step No.	Time	Activity/Remarks	TC/TLM	Display/ Branch
		Execute Telecommand <div style="text-align: right;">EnableTmGen</div> Command Parameter(s) : <div style="text-align: right;">N AH017070</div> <div style="text-align: right;"> Sub-Type AH019070</div> <div style="text-align: right;"> Packet-ID AH020070</div> TC Control Flags : <div style="text-align: right;"> GBM IL DSE</div> <div style="text-align: right;"> --Y -- ---</div> Subsch. ID : 20 Det. descr. : Enable Generation of Telemetry Packets	AC900070 1 <dec> (Def) 26 <dec> 302 <dec>	
6.4		Verify DTM Enable for SPID=24007990 (CRS calibration with STR1)		<input type="checkbox"/>
		NOTE: The arrival of this packet can be seen on the MCS via the TM History Display .		
		Verify Packet Reception Packet Details: <div style="text-align: right; margin-left: 200px;">CRS CALB PKT (STR1)</div> <div style="text-align: right; margin-left: 200px;">APID: 514</div> <div style="text-align: right; margin-left: 200px;">Type: 3</div> <div style="text-align: right; margin-left: 200px;">Subtype: 26</div> <div style="text-align: right; margin-left: 200px;">PI1: 302</div> <div style="text-align: right; margin-left: 200px;">PI2:</div>	CRSCALBPKT	
TC Seq. Name : HFAD3FDF (Disable DTM_3 for FD) TimeTag Type: N Sub Schedule ID: <input type="checkbox"/>				
7		Disable DTM for SPID=240007990		Next Step: END
7.1		Disable TM generation		<input type="checkbox"/>
		Execute Telecommand <div style="text-align: right;">DisableTmGen</div> Command Parameter(s) : <div style="text-align: right;">N AH017070</div> <div style="text-align: right;"> Sub-Type AH019070</div> <div style="text-align: right;"> Packet-ID AH020070</div> TC Control Flags : <div style="text-align: right;"> GBM IL DSE</div> <div style="text-align: right;"> --Y -- ---</div> Subsch. ID : 20 Det. descr. : Disable Generation of Telemetry Packets	AC902070 1 <dec> (Def) 26 <dec> 302 <dec>	

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Step No.	Time	Activity/Remarks	TC/TLM	Display/ Branch
7.2		Clear DTM		<input type="checkbox"/>
		Execute Telecommand <p style="text-align: center;">Clear Diagnostic Report</p> Command Parameter(s) : Number of pkts AH3NP109 1 <dec> (Def) HK Packet ID AH3PK109 302 <dec> TC Control Flags : <p style="text-align: right;">GBM IL DSE --Y -- ---</p> Subsch. ID : 20 Det. descr. : TC(3,4) Clear Diagnostic Parameter Report Definitions	AC034109	
		NOTE: The disabling of this packet can be checked/confirmed on the MCS via the TM History Display .		
TC Seq. Name :HFAD3FDG (Enable DTM_4 for FD) TimeTag Type: N Sub Schedule ID: <input type="checkbox"/>				
8		Enable DTM for SPID=240008990		Next Step: END
8.1		Command DTM definition		<input type="checkbox"/>
		Execute Telecommand <p style="text-align: center;">TC32P_CRS_CALB_STR2</p> Command Parameter(s) : Interval XH314990 4 <dec> (Def) TC Control Flags : <p style="text-align: right;">GBM IL DSE --Y -- ---</p> Subsch. ID : 30 Det. descr. : TC(3,2) Defines CRS calibration packet using STR 2 data only	XC058990	
8.2		Report DTM definition		<input type="checkbox"/>

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Step No.	Time	Activity/Remarks	TC/TLM	Display/ Branch
		Execute Telecommand Report Diag Report Def Command Parameter(s) : Number of pkts AH3NP109 HK Packet ID AH3PK109 TC Control Flags : GBM IL DSE --Y -- --- Subsch. ID : 20 Det. descr. : TC(3,11) Report Diagnostic Parameter Report Definitions	AC311109 1 <dec> (Def) 303 <dec>	
8.3		Enable TM generation		<input type="checkbox"/>
		Execute Telecommand EnableTmGen Command Parameter(s) : N AH017070 Sub-Type AH019070 Packet-ID AH020070 TC Control Flags : GBM IL DSE --Y -- --- Subsch. ID : 20 Det. descr. : Enable Generation of Telemetry Packets	AC900070 1 <dec> (Def) 26 <dec> 303 <dec>	
8.4		Verify DTM Enable for SPID=24008990 (CRS calibration with STR2)		<input type="checkbox"/>
		NOTE: The arrival of this packet can be seen on the MCS via the TM History Display .		
		Verify Packet Reception CRS CALB PKT (STR2) Packet Details: APID: 514 Type: 3 Subtype: 26 PI1: 303 PI2:	CRSCALBPKT 514 3 26 303	
TC Seq. Name :HFAD3FDH (Disable DTM_4 for FD)				
TimeTag Type: N Sub Schedule ID: <input type="checkbox"/>				
9		Disable DTM for SPID=24008990		Next Step: END

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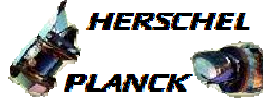
Step No.	Time	Activity/Remarks	TC/TLM	Display/ Branch
9.1		Disable TM generation		<input type="checkbox"/>
		Execute Telecommand <p style="text-align: right;">DisableTmGen</p> Command Parameter(s) : <p style="text-align: right;">N AH017070 1 <dec> (Def)</p> <p style="text-align: right;"> Sub-Type AH019070 26 <dec></p> <p style="text-align: right;"> Packet-ID AH020070 303 <dec></p> TC Control Flags : <p style="text-align: right;"> GBM IL DSE</p> <p style="text-align: right;"> --Y -- ---</p> Subsch. ID : 20 Det. descr. : Disable Generation of Telemetry Packets	AC902070	
9.2		Clear DTM		<input type="checkbox"/>
		Execute Telecommand <p style="text-align: right;">Clear Diagnostic Report</p> Command Parameter(s) : <p style="text-align: right;"> Number of pkts AH3NP109 1 <dec> (Def)</p> <p style="text-align: right;"> HK Packet ID AH3PK109 303 <dec></p> TC Control Flags : <p style="text-align: right;"> GBM IL DSE</p> <p style="text-align: right;"> --Y -- ---</p> Subsch. ID : 20 Det. descr. : TC(3,4) Clear Diagnostic Parameter Report Definitions	AC034109	
		NOTE: The disabling of this packet can be checked/confirmed on the MCS via the TM History Display .		
TC Seq. Name : HFAD3FDI (Enable DTM_5 for FD) TimeTag Type: N Sub Schedule ID: <input type="checkbox"/>				
10		Enable DTM for SPID=240009990		Next Step: END
10.1		Command DTM definition		<input type="checkbox"/>

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Step No.	Time	Activity/Remarks	TC/TLM	Display/ Branch
		Execute Telecommand <p style="text-align: right;">TC32P_STR_CALB</p> Command Parameter(s) : Interval XH314990 TC Control Flags : GBM IL DSE --Y -- --- Subsch. ID : 30 Det. descr. : TC(3,2) Defines diagnostic packet for STR calibration	XC059990 4 <dec> (Def)	
10.2		Report DTM definition		<input type="checkbox"/>
		Execute Telecommand <p style="text-align: right;">Report Diag Report Def</p> Command Parameter(s) : Number of pkts AH3NP109 HK Packet ID AH3PK109 TC Control Flags : GBM IL DSE --Y -- --- Subsch. ID : 20 Det. descr. : TC(3,11) Report Diagnostic Parameter Report Definitions	AC311109 1 <dec> (Def) 304 <dec>	
10.3		Enable TM generation		<input type="checkbox"/>
		Execute Telecommand <p style="text-align: right;">EnableTmGen</p> Command Parameter(s) : N AH017070 Sub-Type AH019070 Packet-ID AH020070 TC Control Flags : GBM IL DSE --Y -- --- Subsch. ID : 20 Det. descr. : Enable Generation of Telemetry Packets	AC900070 1 <dec> (Def) 26 <dec> 304 <dec>	
10.4		Verify DTM Enable for SPID=24009990 (STR1 & STR2 calibration data)		<input type="checkbox"/>
		NOTE: The arrival of this packet can be seen on the MCS via the TM History Display .		

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Step No.	Time	Activity/Remarks	TC/TLM	Display/ Branch
		Verify Packet Reception H TM Data for 9 Stars Com1 Packet Details: APID: 514 Type: 3 Subtype: 26 PI1: 30051 PI2:	HDTM9SC1	
TC Seq. Name :HFAD3FDJ (Disable DTM_5 for FD) TimeTag Type: N Sub Schedule ID: <input type="checkbox"/>				
11		Disable DTM for SPID=240009990		Next Step: END
11.1		Disable TM generation		<input type="checkbox"/>
		Execute Telecommand DisableTmGen Command Parameter(s) : N AH017070 Sub-Type AH019070 Packet-ID AH020070 TC Control Flags : GBM IL DSE --Y -- --- Subsch. ID : 20 Det. descr. : Disable Generation of Telemetry Packets	AC902070	
11.2		Clear DTM		<input type="checkbox"/>
		Execute Telecommand Clear Diagnostic Report Command Parameter(s) : Number of pkts AH3NP109 HK Packet ID AH3PK109 TC Control Flags : GBM IL DSE --Y -- --- Subsch. ID : 20 Det. descr. : TC(3,4) Clear Diagnostic Parameter Report Definitions	AC034109	
		NOTE: The disabling of this packet can be checked/confirmed on the MCS via the TM History Display .		

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Step No.	Time	Activity/Remarks	TC/TLM	Display/ Branch																																												
<p>TC Seq. Name : HFAD3FDK (Enable DTM_6 for FD)</p> <p>TimeTag Type: N Sub Schedule ID: Formal Parameter List : Interval INTERVAL= <dec></p>																																																
12		Enable DTM for SPID=240011990		Next Step: END																																												
12.1		Command DTM definition		<input type="checkbox"/>																																												
		<p>NOTE: The packet generation interval is a Formal Parameter (INTERVAL) that must be defined as INTERVAL=256 to get a TM packet every 256 ACC cycles (i.e. 64 seconds)</p> <p>[N.B. only values that are an integer power of 2 (2^I) are valid for this TC]</p>																																														
		<p>Execute Telecommand</p> <p style="text-align: center;">H TM Data 9 Stars Com1</p> <p>Command Parameter(s) :</p> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 20%;">HK Packet ID</td> <td style="width: 20%;">XH313990</td> <td style="width: 20%;">125 <dec></td> <td style="width: 40%;">(Def)</td> </tr> <tr> <td>SID</td> <td>XH307990</td> <td>30051 <dec></td> <td>(Def)</td> </tr> <tr> <td>Interval</td> <td>XH314990</td> <td>INTERVAL</td> <td></td> </tr> <tr> <td>DID number</td> <td>XH306990</td> <td>20557 <dec></td> <td>(Def)</td> </tr> <tr> <td>DID number</td> <td>XH306990</td> <td>20558 <dec></td> <td>(Def)</td> </tr> <tr> <td>DID number</td> <td>XH306990</td> <td>20559 <dec></td> <td>(Def)</td> </tr> <tr> <td>DID number</td> <td>XH306990</td> <td>20560 <dec></td> <td>(Def)</td> </tr> <tr> <td>DID number</td> <td>XH306990</td> <td>18757 <dec></td> <td>(Def)</td> </tr> <tr> <td>DID number</td> <td>XH306990</td> <td>18758 <dec></td> <td>(Def)</td> </tr> <tr> <td>DID number</td> <td>XH306990</td> <td>18759 <dec></td> <td>(Def)</td> </tr> <tr> <td>DID number</td> <td>XH306990</td> <td>18760 <dec></td> <td>(Def)</td> </tr> </table>	HK Packet ID	XH313990	125 <dec>	(Def)	SID	XH307990	30051 <dec>	(Def)	Interval	XH314990	INTERVAL		DID number	XH306990	20557 <dec>	(Def)	DID number	XH306990	20558 <dec>	(Def)	DID number	XH306990	20559 <dec>	(Def)	DID number	XH306990	20560 <dec>	(Def)	DID number	XH306990	18757 <dec>	(Def)	DID number	XH306990	18758 <dec>	(Def)	DID number	XH306990	18759 <dec>	(Def)	DID number	XH306990	18760 <dec>	(Def)	XC078990	
HK Packet ID	XH313990	125 <dec>	(Def)																																													
SID	XH307990	30051 <dec>	(Def)																																													
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DID number	XH306990	18757 <dec>	(Def)																																													
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Step No.	Time	Activity/Remarks	TC/TLM	Display/ Branch
		DID number XH306990	18761 <dec> (Def)	
		DID number XH306990	18762 <dec> (Def)	
		DID number XH306990	18763 <dec> (Def)	
		DID number XH306990	18764 <dec> (Def)	
		DID number XH306990	18765 <dec> (Def)	
		DID number XH306990	20561 <dec> (Def)	
		DID number XH306990	20562 <dec> (Def)	
		DID number XH306990	20563 <dec> (Def)	
		DID number XH306990	20564 <dec> (Def)	
		DID number XH306990	20565 <dec> (Def)	
		DID number XH306990	20566 <dec> (Def)	
		DID number XH306990	20567 <dec> (Def)	
		DID number XH306990	20568 <dec> (Def)	
		DID number XH306990	20569 <dec> (Def)	
		DID number XH306990	20570 <dec> (Def)	
		DID number XH306990	20571 <dec> (Def)	
		DID number XH306990	20572 <dec> (Def)	
		DID number XH306990	20573 <dec> (Def)	
		DID number XH306990	20574 <dec> (Def)	
		DID number XH306990	20575 <dec> (Def)	
		DID number XH306990	20576 <dec> (Def)	
		DID number XH306990	20577 <dec> (Def)	
		DID number XH306990	20578 <dec> (Def)	
		DID number XH306990	18766 <dec> (Def)	
		DID number XH306990	18767 <dec> (Def)	
		DID number XH306990	18768 <dec> (Def)	
		DID number XH306990	18769 <dec> (Def)	
		DID number XH306990	18770 <dec> (Def)	
		DID number XH306990	18771 <dec> (Def)	
		DID number XH306990	18772 <dec> (Def)	

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Step No.	Time	Activity/Remarks	TC/TLM	Display/ Branch
		DID number XH306990 DID number XH306990 DID number XH306990 DID number XH306990 DID number XH306990 TC Control Flags : Subsch. ID : 30 Det. descr. :	18773 <dec> (Def) 18774 <dec> (Def) 24854 <dec> (Def) 20641 <dec> (Def) 20816 <dec> (Def)	
12.2		Report DTM definition		<input type="checkbox"/>
		Execute Telecommand Report Diag Report Def Command Parameter(s) : Number of pkts AH3NP109 HK Packet ID AH3PK109 TC Control Flags : Subsch. ID : 20 Det. descr. : TC(3,11) Report Diagnostic Parameter Report Definitions	AC311109 1 <dec> (Def) 125 <dec>	
12.3		Enable TM generation		<input type="checkbox"/>
		Execute Telecommand EnableTmGen Command Parameter(s) : N AH017070 Sub-Type AH019070 Packet-ID AH020070 TC Control Flags : Subsch. ID : 20 Det. descr. : Enable Generation of Telemetry Packets	AC900070 1 <dec> (Def) 26 <dec> 125 <dec>	
12.4		Verify DTM Enable for SPID=240011990 (STR data with 9 Stars)		<input type="checkbox"/>
		NOTE: The arrival of this packet can be seen on the MCS via the TM History Display .		

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Step No.	Time	Activity/Remarks	TC/TLM	Display/ Branch
		Verify Packet Reception H TM Data for 9 Stars Com1 Packet Details: <div style="float: right;"> APID: 514 Type: 3 Subtype: 26 PI1: 30051 PI2: </div>	HDTM9SC1	
TC Seq. Name :HFAD3FDL (Disable DTM_6 for FD) TimeTag Type: Sub Schedule ID: <input type="checkbox"/>				
13		Disable DTM for SPID=240011990		Next Step: END
13.1		Disable TM generation		<input type="checkbox"/>
		Execute Telecommand <div style="float: right;">DisableTmGen</div> AC902070 Command Parameter(s) : <div style="float: right;"> N AH017070 1 <dec> (Def) Sub-Type AH019070 26 <dec> Packet-ID AH020070 125 <dec> </div> TC Control Flags : <div style="float: right;"> GBM IL DSE --Y -- --- </div> Subsch. ID : 20 Det. descr. : Disable Generation of Telemetry Packets		
13.2		Clear DTM		<input type="checkbox"/>
		Execute Telecommand <div style="float: right;">Clear Diagnostic Report</div> AC034109 Command Parameter(s) : <div style="float: right;"> Number of pkts AH3NP109 1 <dec> (Def) HK Packet ID AH3PK109 125 <dec> </div> TC Control Flags : <div style="float: right;"> GBM IL DSE --Y -- --- </div> Subsch. ID : 20 Det. descr. : TC(3,4) Clear Diagnostic Parameter Report Definitions		
		NOTE: The disabling of this packet can be checked/confirmed on the MCS via the TM History Display .		

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Step No.	Time	Activity/Remarks	TC/TLM	Display/ Branch																																	
<p>TC Seq. Name : HFAD3FDM (Enable DTM_7 for FD)</p> <p>TimeTag Type: N Sub Schedule ID: Formal Parameter List : Interval INTERVAL= <dec></p>																																					
14		Enable DTM for SPID=240022990		Next Step: END																																	
14.1		Command DTM definition		<input type="checkbox"/>																																	
		<p>NOTE: The packet generation interval is a Formal Parameter (INTERVAL) that must be defined as INTERVAL=256 to get a TM packet every 256 ACC cycles (i.e. 64 seconds)</p> <p>[N.B. only values that are an integer power of 2 (2^I) are valid for this TC]</p>																																			
		<p>Execute Telecommand</p> <p style="text-align: right;">HDTM9SC1AGBE</p> <p>Command Parameter(s) :</p> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="text-align: right;">HK Packet ID</td> <td style="text-align: left;">XH313990</td> <td style="text-align: left;">125 <dec> (Def)</td> </tr> <tr> <td style="text-align: right;">SID</td> <td style="text-align: left;">XH307990</td> <td style="text-align: left;">30061 <dec> (Def)</td> </tr> <tr> <td style="text-align: right;">Interval</td> <td style="text-align: left;">XH314990</td> <td style="text-align: left;">4 <dec> (Def)</td> </tr> <tr> <td style="text-align: right;">DID number</td> <td style="text-align: left;">XH306990</td> <td style="text-align: left;">20557 <dec> (Def)</td> </tr> <tr> <td style="text-align: right;">DID number</td> <td style="text-align: left;">XH306990</td> <td style="text-align: left;">20558 <dec> (Def)</td> </tr> <tr> <td style="text-align: right;">DID number</td> <td style="text-align: left;">XH306990</td> <td style="text-align: left;">20559 <dec> (Def)</td> </tr> <tr> <td style="text-align: right;">DID number</td> <td style="text-align: left;">XH306990</td> <td style="text-align: left;">20560 <dec> (Def)</td> </tr> <tr> <td style="text-align: right;">DID number</td> <td style="text-align: left;">XH306990</td> <td style="text-align: left;">18757 <dec> (Def)</td> </tr> <tr> <td style="text-align: right;">DID number</td> <td style="text-align: left;">XH306990</td> <td style="text-align: left;">18758 <dec> (Def)</td> </tr> <tr> <td style="text-align: right;">DID number</td> <td style="text-align: left;">XH306990</td> <td style="text-align: left;">18759 <dec> (Def)</td> </tr> <tr> <td style="text-align: right;">DID number</td> <td style="text-align: left;">XH306990</td> <td style="text-align: left;">18760 <dec> (Def)</td> </tr> </table>	HK Packet ID	XH313990	125 <dec> (Def)	SID	XH307990	30061 <dec> (Def)	Interval	XH314990	4 <dec> (Def)	DID number	XH306990	20557 <dec> (Def)	DID number	XH306990	20558 <dec> (Def)	DID number	XH306990	20559 <dec> (Def)	DID number	XH306990	20560 <dec> (Def)	DID number	XH306990	18757 <dec> (Def)	DID number	XH306990	18758 <dec> (Def)	DID number	XH306990	18759 <dec> (Def)	DID number	XH306990	18760 <dec> (Def)	XC105990	
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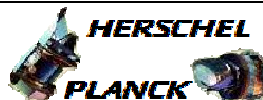
Step No.	Time	Activity/Remarks	TC/TLM	Display/ Branch
		DID number XH306990	18761 <dec> (Def)	
		DID number XH306990	18762 <dec> (Def)	
		DID number XH306990	18763 <dec> (Def)	
		DID number XH306990	18764 <dec> (Def)	
		DID number XH306990	18765 <dec> (Def)	
		DID number XH306990	20561 <dec> (Def)	
		DID number XH306990	20562 <dec> (Def)	
		DID number XH306990	20563 <dec> (Def)	
		DID number XH306990	20564 <dec> (Def)	
		DID number XH306990	20565 <dec> (Def)	
		DID number XH306990	20566 <dec> (Def)	
		DID number XH306990	20567 <dec> (Def)	
		DID number XH306990	20568 <dec> (Def)	
		DID number XH306990	20569 <dec> (Def)	
		DID number XH306990	20570 <dec> (Def)	
		DID number XH306990	20571 <dec> (Def)	
		DID number XH306990	20572 <dec> (Def)	
		DID number XH306990	20573 <dec> (Def)	
		DID number XH306990	20574 <dec> (Def)	
		DID number XH306990	20575 <dec> (Def)	
		DID number XH306990	20576 <dec> (Def)	
		DID number XH306990	20577 <dec> (Def)	
		DID number XH306990	20578 <dec> (Def)	
		DID number XH306990	18766 <dec> (Def)	
		DID number XH306990	18767 <dec> (Def)	
		DID number XH306990	18768 <dec> (Def)	
		DID number XH306990	18769 <dec> (Def)	
		DID number XH306990	18770 <dec> (Def)	
		DID number XH306990	18771 <dec> (Def)	
		DID number XH306990	18772 <dec> (Def)	

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Step No.	Time	Activity/Remarks	TC/TLM	Display/ Branch
		DID number XH306990	18773 <dec> (Def)	
		DID number XH306990	18774 <dec> (Def)	
		DID number XH306990	24854 <dec> (Def)	
		DID number XH306990	20641 <dec> (Def)	
		DID number XH306990	20816 <dec> (Def)	
		DID number XH306990	20614 <dec> (Def)	
		DID number XH306990	20615 <dec> (Def)	
		DID number XH306990	20616 <dec> (Def)	
		DID number XH306990	20629 <dec> (Def)	
		DID number XH306990	20630 <dec> (Def)	
		DID number XH306990	20631 <dec> (Def)	
		DID number XH306990	20632 <dec> (Def)	
		DID number XH306990	20812 <dec> (Def)	
		DID number XH306990	20813 <dec> (Def)	
		DID number XH306990	20814 <dec> (Def)	
		DID number XH306990	20815 <dec> (Def)	
		DID number XH306990	18896 <dec> (Def)	
		TC Control Flags :	GBM IL DSE --Y -- ---	
		Subsch. ID : 20		
		Det. descr. :		
14.2		Report DTM definition		<input type="checkbox"/>
		Execute Telecommand		
		Report Diag Report Def	AC311109	
		Command Parameter(s) :		
		Number of pkts AH3NP109	1 <dec> (Def)	
		HK Packet ID AH3PK109	125 <dec>	
		TC Control Flags :	GBM IL DSE --Y -- ---	
		Subsch. ID : 20		
		Det. descr. : TC(3,11) Report Diagnostic Parameter		
		Report Definitions		
14.3		Enable TM generation		<input type="checkbox"/>

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Step No.	Time	Activity/Remarks	TC/TLM	Display/ Branch
		Execute Telecommand EnableTmGen Command Parameter(s) : N AH017070 Sub-Type AH019070 Packet-ID AH020070 TC Control Flags : GBM IL DSE --Y -- --- Subsch. ID : 20 Det. descr. : Enable Generation of Telemetry Packets	AC900070 1 <dec> (Def) 26 <dec> 125 <dec>	
14.4		Verify DTM Enable for SPID=240022990 (STR data with 9 Stars + AGBE)		<input type="checkbox"/>
		NOTE: The arrival of this packet can be seen on the MCS via the TM History Display .		
		Verify Packet Reception Packet Details: HDTM9SC1AGBE APID: 514 Type: 3 Subtype: 26 PI1: 30061 PI2:	HDTM9SC1AGBE 514 3 26 30061	
TC Seq. Name : HFAD3FDN (Disable DTM_7 for FD)				
TimeTag Type: Sub Schedule ID: <input type="checkbox"/>				
15		Disable DTM for SPID=240022990		Next Step: END
15.1		Disable TM generation		<input type="checkbox"/>
		Execute Telecommand DisableTmGen Command Parameter(s) : N AH017070 Sub-Type AH019070 Packet-ID AH020070 TC Control Flags : GBM IL DSE --Y -- --- Subsch. ID : 20 Det. descr. : Disable Generation of Telemetry Packets	AC902070 1 <dec> (Def) 26 <dec> 125 <dec>	

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Step No.	Time	Activity/Remarks	TC/TLM	Display/ Branch
15.2		Clear DTM		<input type="checkbox"/>
		Execute Telecommand <p style="text-align: center;">Clear Diagnostic Report</p> Command Parameter(s) : Number of pkts AH3NP109 1 <dec> (Def) HK Packet ID AH3PK109 125 <dec> TC Control Flags : GBM IL DSE --Y -- --- Subsch. ID : 20 Det. descr. : TC(3,4) Clear Diagnostic Parameter Report Definitions	AC034109	
		NOTE: The disabling of this packet can be checked/confirmed on the MCS via the TM History Display .		
End of Procedure				