

Update RCS Control Parameters - thrust level related
File: H_FCP_AOC_D5SM.xls
Author: dsalt-hp



Procedure Summary

Objectives

The objective of this Herchel ACMS procedure is to set the RCS control gains for the nominal modes via OBDB updates and for the survival mode via a pointer value in the RM register.

The procedure involves the following activities:

- update of RCS thrust related control parameters in OBDB
- update SM thrust control level pointer in the RMs

NOTE: Survival mode thrust levels that are preprogrammed in the onboard software.

Summary of Constraints

TPF=TLP must be available with new OBDB values and SM pointer stated in Auxiliary data of print-out

Spacecraft Configuration

Start of Procedure

S/C in any NOMINAL mode

End of Procedure

S/C in any NOMINAL mode with RCS thrust related parameters in the OBDB and RM updated

Reference File(s)

Input Command Sequences

Output Command Sequences

AETLP_00
HFAD5SMA
HFAD5SM0
HFAD5SM1
HFAD5SM2
HFAD5SM3
HFAD5SM4
HFAD5SM5
HFAD5SM6
HFAD5SM7

Referenced Displays

ANDs	GRDs	SLDs
ZAAM0999		
ZAA07999		

Configuration Control Information

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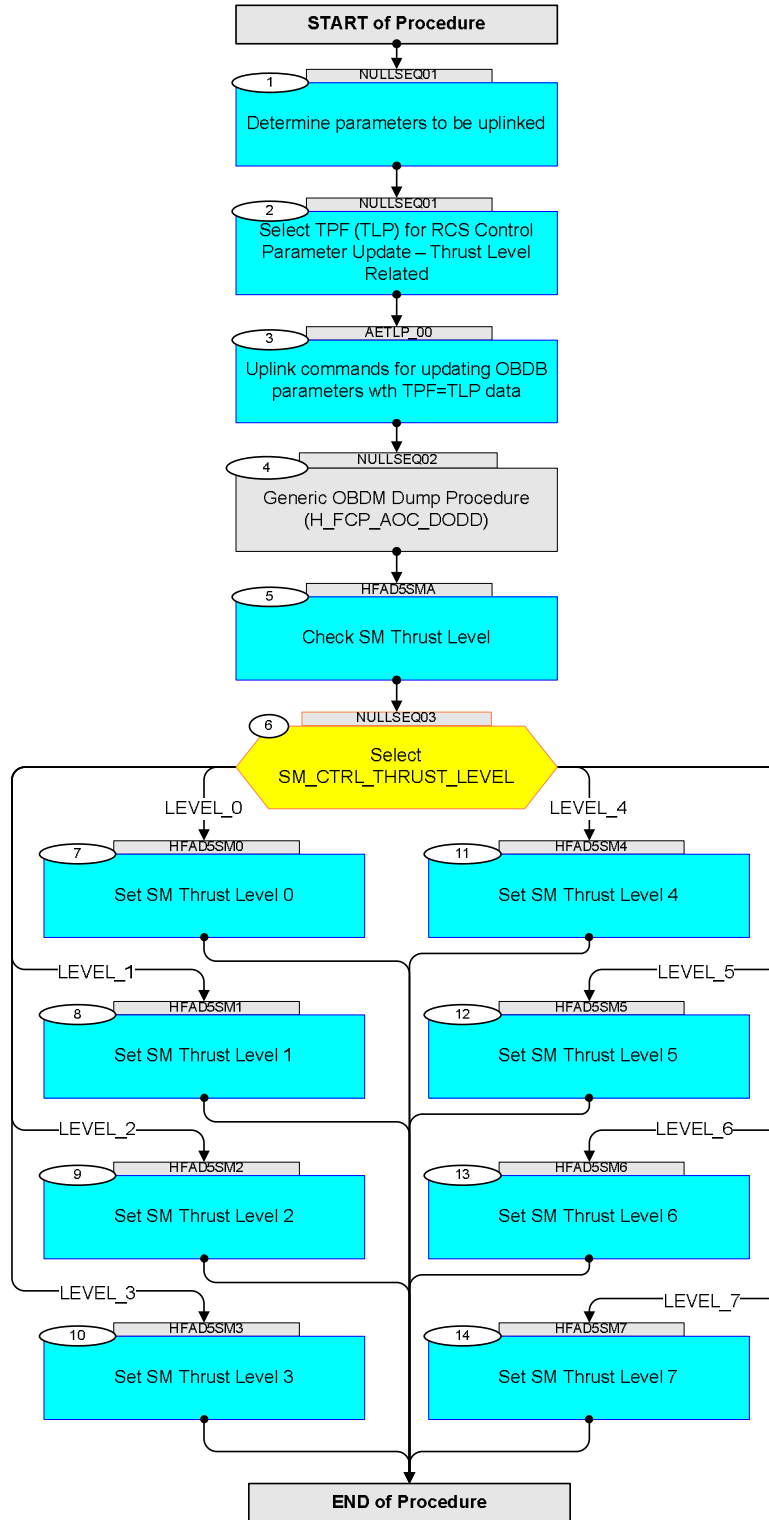


DATE	FOP ISSUE	VERSION	MODIFICATION DESCRIPTION	AUTHOR	SPR REF
05/03/09	2.1	1	Created	dsalt-hp	
22/03/09		2	Update to instructions for RM value selection, based upon new TPF=TLP details from FD	dsalt-hp	
22/03/09	2.2	3	Time-tags added to TC sequence AETLP_00	dsalt-hp	
04/05/09	2.4	4	All RM update sequences (Step 5, 7-14) now set for immediate execution but with flag set for Manual Dispatch	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				
TC Seq. Name : NULLSEQ01 (Null Sequence 01) TimeTag Type: Sub Schedule ID: <input type="checkbox"/>				
1		Determine parameters to be uplinked		Next Step: 2
		Determine the values of RCS thruster control parameters - thrust level related. The results should be used to derive the following: H_NOM_AUX_RCSA123_ORIENT_INV_** (a 3x3 maxtrix representing inverse thruster torques for RCS-A) H_NOM_AUX_RCSB123_ORIENT_INV_** (a 3x3 maxtrix representing inverse thruster torques for RCS-B) H_NOM_AUX_ASW_RCS_COM_RND_COARSE (a value indicating the Sun acquisition angle at which the RCS transitions from coarse to fine mode)		
2		Select TPF (TLP) for RCS Control Parameter Update - Thrust Level Related		Next Step: 3
		Check with Flight Dynamics the exact name of the TPF instance to be uplinked		
TC Seq. Name : AETLP_00 (AETLP_00) TimeTag Type: B Sub Schedule ID: <input type="checkbox"/>				
3		Uplink commands for updating OBDB parameters wth TPF=TLP data		Next Step: 4
		Uplink onboard the parameters determined in the previous step. Note that the RCS control parameters - thrust level related - are not stored in consecutive OBDB locations and so must be uplinked within two OBDM load TCs.		
3.1		Activate loading		<input type="checkbox"/>

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Step No.	Time	Activity/Remarks	TC/TLM	Display/ Branch
	ET=+00.00.00 UT=+	Execute Telecommand Start database loading Command Parameter(s) : ASW Function ID AHFUN001 DbLoad DF86 Cmd AH8D1001 DbLoad DD86 Cmd AH8D2001 DbLoad Nr Cmds AHFDL001 TC Control Flags : GBM IL DSE --Y -- -- Subsch. ID : 20 Det. descr. : TC_START_DATABASE_LOAD	ACDS1001 DB loading (Def) Enable 86 Enable 86 2 <dec>	
		Following the Start_database_loading command the following commands must each be sent within C_ALL_OPS_ASW_CRIT_CMD_TIMEOUT (=180 seconds default) of the previous command to avoid the started status of the function timing-out.		
3.2		Load values		□
	ET=+00.00.05 UT=+	Execute Telecommand Load databaseReal Command Parameter(s) : DbLoad DF86 Cmd AH8D1001 DbLoad DD86 Cmd AH8D2001 DbLoad StartInd AHFDS001 DbLoad Nr Wrds AHFDN001 DbLoad Dwd Real AHFDZ001 DbLoad Dwd Real AHFDZ001 DbLoad Dwd Real AHFDZ001 DbLoad Dwd Real AHFDZ001 DbLoad Dwd Real AHFDZ001 DbLoad Dwd Real AHFDZ001 DbLoad Dwd Real AHFDZ001 DbLoad Dwd Real AHFDZ001 DbLoad Dwd Real AHFDZ001 DbLoad Dwd Real AHFDZ001	ACZTY109 Enable 86 Enable 86 156 <dec> 18 <dec> RCSAOI11 RCSAOI12 RCSAOI13 RCSAOI21 RCSAOI22 RCSAOI23 RCSAOI31	
		DbLoad Dwd Real AHFDZ001 DbLoad Dwd Real AHFDZ001 DbLoad Dwd Real AHFDZ001 DbLoad Dwd Real AHFDZ001 DbLoad Dwd Real AHFDZ001 DbLoad Dwd Real AHFDZ001 DbLoad Dwd Real AHFDZ001 DbLoad Dwd Real AHFDZ001 DbLoad Dwd Real AHFDZ001 DbLoad Dwd Real AHFDZ001 DbLoad Dwd Real AHFDZ001 DbLoad Dwd Real AHFDZ001 DbLoad Dwd Real AHFDZ001 DbLoad Dwd Real AHFDZ001 DbLoad Dwd Real AHFDZ001 DbLoad Dwd Real AHFDZ001 TC Control Flags : GBM IL DSE --Y -- --	RCSAOI32 RCSAOI33 RCSBOI11 RCSBOI12 RCSBOI13 RCSBOI21 RCSBOI22 RCSBOI23 RCSBOI31 RCSBOI32 RCSBOI33	
		Subsch. ID : 20 Det. descr. : TC(8,4) - Load database Real		

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Step No.	Time	Activity/Remarks	TC/TLM	Display/ Branch
	ET=+00.00.05 UT=+	Execute Telecommand Load databaseReal Command Parameter(s) : DbLoad DF86 Cmd AH8D1001 Enable 86 DbLoad DD86 Cmd AH8D2001 Enable 86 DbLoad StartInd AHFDS001 78 <dec> DbLoad Nr Wrds AHFDN001 1 <dec> (Def) DbLoad Dwd Real AHFDZ001 RCS_RNDC TC Control Flags : GBM IL DSE --Y -- --- Subsch. ID : 20 Det. descr. : TC(8,4) - Load database Real	ACZTY109	
3.3		Activate values		<input type="checkbox"/>
	ET=+00.00.05 UT=+	Execute Telecommand Fire critical command Command Parameter(s) : FireFun DF86Cmd AH8F1001 Enable 86 FireFun DD86Cmd AH8F2001 Enable 86 FireFun CritFID AHFFH001 201 <dec> TC Control Flags : GBM IL DSE --Y -- --- Subsch. ID : 20 Det. descr. : TC_FIRE_COMMAND	ACFC1001	
TC Seq. Name : NULLSEQ02 (Null Sequence 02) TimeTag Type: Sub Schedule ID: <input type="checkbox"/>				
4		Generic OBDM Dump Procedure (H_FCP_AOC_DODD)		Next Step: 5
		Execute Procedure: H_FCP_AOC_DODD Herschel ACMS : Generic OBDB Dump Procedure		
		NOTE: This procedure enables a direct dump of the OBDB from RAM or Safe-Guard Memory (SGM), as well as reading the OBDB via diagnostic telemetry (DTM) packets		

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Step No.	Time	Activity/Remarks	TC/TLM	Display/ Branch
		<p><u>Relevant details for use with H FCP AOC DODD</u></p> <p>Based upon the latest ASW ICD (H-P-4-TASW-IF-0002, Issue 3 G), this procedure loads the following parameters into specific OBDB offset locations in RAM:</p> <p>H_NOM_AUX_RCS*123_ORIENT_INV_*_* are at OBDB offsets 156-173 H_NOM_AUX_ASW_RCS_COM_RND_COARSE are at OBDB offsets 78</p> <p>These are located in Block 1 of the OBDB</p> <p>It also copies the following parameters into specific OBDB offset locations in SGM</p> <p>H_NOM_AUX_RCS*123_ORIENT_INV_*_* are at OBDB offsets 100-117 H_NOM_AUX_ASW_RCS_COM_RND_COARSE are at OBDB offsets 118</p>		
4.1		Dump via DTM		□
		<p><u>Relevant details for use with H FCP AOC DODD</u></p> <p>The following parameters</p> <p>H_NOM_AUX_RCS*123_ORIENT_INV_*_* H_NOM_AUX_ASW_RCS_COM_RND_COARSE</p> <p>These are located in Block 1 of the OBDB</p>		
		Use sequence HFADODDA		
		<p>NOTE: The contents of diagnostic packet A3DH0BDB1109 {DTM with Herschel OBDB data} are spread over a group of 4 monitoring displays:</p> <p>ZAZ60999 DTMOBDB1_1 ZAZ61999 DTMOBDB1_2 <- values are in this display ZAZ62999 DTMOBDB1_3 <- values are in this display ZAZ63999 DTMOBDB1_4</p>		
		<p>NOTE: This step enables diagnostic packets that contain data from specific blocks of the OBDB, where each block contains 250 onboard database parameters.</p> <p>The Herschel onboard database currently contains 2134 parameters and there are 8 diagnostic packets defined to cover the first 2000 entries. In HP-4-TASW-IF-0002 (ACC ASW_ICD) section 6.1 you can find a list of Herschel OBDB parameters ordered by offset.</p>		
4.2		Dump from RAM		□

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Step No.	Time	Activity/Remarks	TC/TLM	Display/ Branch
		<p>Relevant details for use with H FCP AOC DODD</p> <p>Based upon the latest ASW ICD (H-P-4-TASW-IF-0002, Issue 3 G), this procedure loads the following parameters into specific OBDB offset locations in RAM:</p> <p>H_NOM_AUX_RCS*123_ORIENT_INV_*_* are at OBDB offsets 156-173 H_NOM_AUX_ASW_RCS_COM_RND_COARSE are at OBDB offsets 78</p> <p>The <u>absolute address</u> of offset 156 is therefore: 020A = Memory ID D188 = Start Address</p> <p>The <u>absolute address</u> of offset 78 is therefore: 020A = Memory ID D050 = Start Address</p>		
		<p>Use sequence HFADODDL to dump <u>all</u> the OBDB in RAM, or edit: Start Address = CF18 Length = 8553</p>		
		<p><i>NOTE:</i> The RAM memory address for a parameter with a given OBDB ID can be calculated as follows: RAM address = OBDB start address + parameter offset; OBDB start address = address of Asw_DatabaseManager_Obj + 12; parameter offset = OBDB ID * 4.</p> <p>Parameter ID's are listed in the ASW ICD (H-P-4-TASW-IF-002).</p> <p>Asw_Databasemanager_Obj is an ASW container structure used in the management of the OBDB and its address has to be obtained from the linker memory map valid for the software build currently used onboard.</p>		
4.3		Dump from SGM		<input type="checkbox"/>

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Step No.	Time	Activity/Remarks	TC/TLM	Display/ Branch
		<p>Relevant details for use with H FCP AOC DODD</p> <p>Based upon the latest ASW ICD (H-P-4-TASW-IF-0002, Issue 3 G), this procedure copies the following parameters into specific OBDB offset locations in SGM</p> <p>H_NOM_AUX_RCS*123_ORIENT_INV_*_* are at OBDB offsets 100-117</p> <p>H_NOM_AUX_ASW_RCS_COM_RND_COARSE are at OBDB offsets 118</p> <p>The <u>absolute address</u> of offset 100 is therefore: BA018C in SGA (=12190092 <dec>) EA018C in SGB (=15335820 <dec>)</p> <p>The <u>absolute address</u> of offset 118 is therefore: BA00FC in SGA (=12189948 <dec>) EA00FC in SGB (=15335676 <dec>)</p>		
		<p>Use sequences HFADODDJ & HFADODDK to dump <u>all</u> the OBDB in SGMA & SGMB, or edit: Start Address = BA0000 / EA0000 Length = 1688</p>		
		<p>NOTE: The address of a parameter with a given ID can be calculated as follows:</p> <p>SGMA Address = $0xBA0000 + (ParamID-1) * 4$</p> <p>SGMB Address = $0xEA0000 + (ParamID-1) * 4$</p> <p>Parameter ID's refer to the listing of SGM OBDB parameters in the ASW ICD (H-P-4-TASW-IF-0002) and are not the same as the ID's in the RAM OBDB.</p>		
<p>TC Seq. Name :HFAD5SMA (GetRMstatus)</p> <p>TimeTag Type: N Sub Schedule ID: <input type="checkbox"/></p>				
5		Check SM Thrust Level		Next Step: 6
5.1		Uplink Sequence HFAD5SMA		<input type="checkbox"/>
5.1.1		Get RM A Status		<input type="checkbox"/>

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Step No.	Time	Activity/Remarks	TC/TLM	Display/ Branch
		Execute Telecommand <p style="text-align: right;">Get RM-A status</p> TC Control Flags : <p style="text-align: right;">GBM IL DSE --Y -- ---</p> Subsch. ID : 20 Det. descr. : TC(8,1) - Get RM-A status	ACZZ4109	
5.1.2		Check Thrust Level		<input type="checkbox"/>
		Verify Telemetry <p style="text-align: center;">MiscCfg ThrstLev AEW2W109</p>	<to be read>	AND=ZAAM0999
5.1.3		Get RM B Status		<input type="checkbox"/>
		Execute Telecommand <p style="text-align: right;">Get RM-B status</p> TC Control Flags : <p style="text-align: right;">GBM IL DSE --Y -- ---</p> Subsch. ID : 20 Det. descr. : TC(8,1) - Get RM-B status	ACZZ5109	
5.1.4		Check Thrust Level		<input type="checkbox"/>
		Verify Telemetry <p style="text-align: center;">MiscCfg ThrstLev AEW2W109</p>	<to be read>	AND=ZAAM0999
TC Seq. Name : NULLSEQ03 (Null Sequence 03) TimeTag Type: Sub Schedule ID: <input type="checkbox"/>				
6		Select SM_CTRL_THRUST_LEVEL		Next Step: LEVEL_0 7 LEVEL_1 8 LEVEL_2 9 LEVEL_3 10 LEVEL_4 11 LEVEL_5 12 LEVEL_6 13 LEVEL_7 14

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Step No.	Time	Activity/Remarks	TC/TLM	Display/ Branch
		Select the correct sequence by reading the "SM Thrust Index" value given in the 'Auxiliary data' section of the TPF print-out provided by FD at Step 3 (TPF=TLP):		
		LEVEL_0 -> GO TO STEP 7 LEVEL_1 -> GO TO STEP 8 LEVEL_2 -> GO TO STEP 9 LEVEL_3 -> GO TO STEP 10 LEVEL_4 -> GO TO STEP 11 LEVEL_5 -> GO TO STEP 12 LEVEL_6 -> GO TO STEP 13 LEVEL_7 -> GO TO STEP 14		
TC Seq. Name : HFAD5SM0 (SetSmThrustLevel0) TimeTag Type: N Sub Schedule ID: <input type="checkbox"/>				
7		Set SM Thrust Level 0		Next Step: END
7.1		Uplink Sequence HFAD5SM0		<input type="checkbox"/>
7.1.1		Disable RM A		<input type="checkbox"/>
		Execute Telecommand <div style="text-align: right;">Ext_ACC_RM_A_Disable</div> TC Control Flags : <div style="text-align: right;">GBM IL DSE --Y -- --</div> Subsch. ID : 10 Det. descr. : External ACC RM A Disable - Mission Specific	DCM22170	
		Verify Telemetry <div style="text-align: right;">RMA_fromTTR-RMA AEE91050</div> = DISABLED		AND=ZAA07999
		Verify Telemetry <div style="text-align: right;">RMA_fromTTR-RMB AEE92050</div> = DISABLED		AND=ZAA07999
7.1.2		Set SM Thrust Level 0 on RM A		<input type="checkbox"/>

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Step No.	Time	Activity/Remarks	TC/TLM	Display/ Branch
		Execute Telecommand No change THR0 RMA TC Control Flags : Subsch. ID : 20 Det. descr. : TC(8,1) modify SM conf THR Level 0 - No change THR0 RMA GBM IL DSE --Y -- --	ACZ1R109	
7.1.3		Verify Update via RM A Status Report		<input type="checkbox"/>
		Execute Telecommand Get RM-A status TC Control Flags : Subsch. ID : 20 Det. descr. : TC(8,1) - Get RM-A status GBM IL DSE --Y -- --	ACZZ4109	
		Verify Packet Reception TM 8-6 for RM Status parametrized Packet Details: APID: 512 Type: 8 Subtype: 6 PI1: 41600 PI2: 1	A86_RMStatus	
		Verify Telemetry MiscCfg ThrstLev AEW2W109	= 0 <dec>	AND=ZAAM0999
7.1.4		Enable RM A		<input type="checkbox"/>
		Execute Telecommand Ext_ACC_RM_A_Enable TC Control Flags : Subsch. ID : 10 Det. descr. : External ACC RM A Enable - Mission Specific GBM IL DSE --Y -- --	DCM21170	
		Verify Telemetry RMA_fromTTR-RMA AEE91050	= ENABLED	AND=ZAA07999
		Verify Telemetry RMA_fromTTR-RMB AEE92050	= ENABLED	AND=ZAA07999
7.1.5		Disable RM B		<input type="checkbox"/>

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Step No.	Time	Activity/Remarks	TC/TLM	Display/ Branch
		Execute Telecommand Ext_ACC_RM_B_Disable TC Control Flags : Subsch. ID : 10 Det. descr. : External ACC RM B Disable - Mission Specific GBM IL DSE --Y -- --	DCM25170	
		Verify Telemetry RMB_fromTTR-RMA AEE93050	= DISABLED	AND=ZAA07999
		Verify Telemetry RMB_fromTTR-RMB AEE94050	= DISABLED	AND=ZAA07999
7.1.6		Set SM Thrust Level 0 on RM B		<input type="checkbox"/>
		Execute Telecommand No change THRO RMB TC Control Flags : Subsch. ID : 20 Det. descr. : TC(8,1) modify SM conf THR Level 0 - No change THRO RMB GBM IL DSE --Y -- --	ACY6H109	
7.1.7		Verify Update via RM B Status Report		<input type="checkbox"/>
		Execute Telecommand Get RM-B status TC Control Flags : Subsch. ID : 20 Det. descr. : TC(8,1) - Get RM-B status GBM IL DSE --Y -- --	ACZZ5109	
		Verify Packet Reception TM 8-6 for RM Status parametrized Packet Details: APID: 512 Type: 8 Subtype: 6 PI1: 41600 PI2: 1	A86_RMStatus	
		Verify Telemetry MiscCfg ThrstLev AEW2W109	= 0 <dec>	AND=ZAAM0999
7.1.8		Enable RM B		<input type="checkbox"/>

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Step No.	Time	Activity/Remarks	TC/TLM	Display/ Branch
		Execute Telecommand <div style="text-align: right;">Ext_ACC_RM_B_Enable</div> TC Control Flags : Subsch. ID : 10 Det. descr. : External ACC RM B Enable - Mission Specific <div style="text-align: right;">GBM IL DSE --Y -- --</div>	DCM24170	
		Verify Telemetry <div style="text-align: right;">RMB_fromTTR-RMA AEE93050</div>	= ENABLED	AND=ZAA07999
		Verify Telemetry <div style="text-align: right;">RMB_fromTTR-RMB AEE94050</div>	= ENABLED	AND=ZAA07999
TC Seq. Name : HFAD5SM1 (SetSmThrustLevel1) TimeTag Type: N Sub Schedule ID: <input type="checkbox"/>				
8		Set SM Thrust Level 1		Next Step: END
8.1		Uplink Sequence HFAD5SM1		<input type="checkbox"/>
8.1.1		Disable RM A		<input type="checkbox"/>
		Execute Telecommand <div style="text-align: right;">Ext_ACC_RM_A_Disable</div> TC Control Flags : Subsch. ID : 10 Det. descr. : External ACC RM A Disable - Mission Specific <div style="text-align: right;">GBM IL DSE --Y -- --</div>	DCM22170	
		Verify Telemetry <div style="text-align: right;">RMA_fromTTR-RMA AEE91050</div>	= DISABLED	AND=ZAA07999
		Verify Telemetry <div style="text-align: right;">RMA_fromTTR-RMB AEE92050</div>	= DISABLED	AND=ZAA07999
8.1.2		Set SM Thrust Level 1 on RM A		<input type="checkbox"/>

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Step No.	Time	Activity/Remarks	TC/TLM	Display/ Branch
		Execute Telecommand No change THR1 RMA TC Control Flags : Subsch. ID : 20 Det. descr. : TC(8,1) modify SM conf THR Level 1 - No change THR1 RMA GBM IL DSE --Y -- --	ACYRJ109	
8.1.3		Verify Update via RM A Status Report		<input type="checkbox"/>
		Execute Telecommand Get RM-A status TC Control Flags : Subsch. ID : 20 Det. descr. : TC(8,1) - Get RM-A status GBM IL DSE --Y -- --	ACZZ4109	
		Verify Packet Reception TM 8-6 for RM Status parametrized Packet Details: APID: 512 Type: 8 Subtype: 6 PI1: 41600 PI2: 1	A86_RMStatus	
		Verify Telemetry MiscCfg ThrstLev AEW2W109	= 1 <dec>	AND=ZAAM0999
8.1.4		Enable RM A		<input type="checkbox"/>
		Execute Telecommand Ext_ACC_RM_A_Enable TC Control Flags : Subsch. ID : 10 Det. descr. : External ACC RM A Enable - Mission Specific GBM IL DSE --Y -- --	DCM21170	
		Verify Telemetry RMA_fromTTR-RMA AEE91050	= ENABLED	AND=ZAA07999
		Verify Telemetry RMA_fromTTR-RMB AEE92050	= ENABLED	AND=ZAA07999
8.1.5		Disable RM B		<input type="checkbox"/>

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Step No.	Time	Activity/Remarks	TC/TLM	Display/ Branch
		Execute Telecommand Ext_ACC_RM_B_Disable TC Control Flags : Subsch. ID : 10 Det. descr. : External ACC RM B Disable - Mission Specific GBM IL DSE --Y -- --	DCM25170	
		Verify Telemetry RMB_fromTTR-RMA AEE93050	= DISABLED	AND=ZAA07999
		Verify Telemetry RMB_fromTTR-RMB AEE94050	= DISABLED	AND=ZAA07999
8.1.6		Set SM Thrust Level 1 on RM B		<input type="checkbox"/>
		Execute Telecommand No change THR1 RMB TC Control Flags : Subsch. ID : 20 Det. descr. : TC(8,1) modify SM conf THR Level 1 - No change THR1 RMB GBM IL DSE --Y -- --	ACY6J109	
8.1.7		Verify Update via RM B Status Report		<input type="checkbox"/>
		Execute Telecommand Get RM-B status TC Control Flags : Subsch. ID : 20 Det. descr. : TC(8,1) - Get RM-B status GBM IL DSE --Y -- --	ACZZ5109	
		Verify Packet Reception TM 8-6 for RM Status parametrized Packet Details: APID: 512 Type: 8 Subtype: 6 PI1: 41600 PI2: 1	A86_RMStatus	
		Verify Telemetry MiscCfg ThrstLev AEW2W109	= 1 <dec>	AND=ZAAM0999
8.1.8		Enable RM B		<input type="checkbox"/>

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Step No.	Time	Activity/Remarks	TC/TLM	Display/ Branch
		Execute Telecommand <div style="text-align: right;">Ext_ACC_RM_B_Enable</div> TC Control Flags : <div style="text-align: right;">GBM IL DSE --Y -- --</div> Subsch. ID : 10 Det. descr. : External ACC RM B Enable - Mission Specific	DCM24170	
		Verify Telemetry <div style="text-align: right;">RMB_fromTTR-RMA AEE93050</div>	= ENABLED	AND=ZAA07999
		Verify Telemetry <div style="text-align: right;">RMB_fromTTR-RMB AEE94050</div>	= ENABLED	AND=ZAA07999
TC Seq. Name : HFAD5SM2 (SetSmThrustLevel2) TimeTag Type: N Sub Schedule ID: <input type="checkbox"/>				
9		Set SM Thrust Level 2		Next Step: END
9.1		Uplink Sequence HFAD5SM2		<input type="checkbox"/>
9.1.1		Disable RM A		<input type="checkbox"/>
		Execute Telecommand <div style="text-align: right;">Ext_ACC_RM_A_Disable</div> TC Control Flags : <div style="text-align: right;">GBM IL DSE --Y -- --</div> Subsch. ID : 10 Det. descr. : External ACC RM A Disable - Mission Specific	DCM22170	
		Verify Telemetry <div style="text-align: right;">RMA_fromTTR-RMA AEE91050</div>	= DISABLED	AND=ZAA07999
		Verify Telemetry <div style="text-align: right;">RMA_fromTTR-RMB AEE92050</div>	= DISABLED	AND=ZAA07999
9.1.2		Set SM Thrust Level 2 on RM A		<input type="checkbox"/>

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Step No.	Time	Activity/Remarks	TC/TLM	Display/ Branch
		Execute Telecommand No change THR2 RMA TC Control Flags : Subsch. ID : 20 Det. descr. : TC(8,1) modify SM conf THR Level 2 - No change THR2 RMA GBM IL DSE --Y -- --	ACYTM109	
9.1.3		Verify Update via RM A Status Report		<input type="checkbox"/>
		Execute Telecommand Get RM-A status TC Control Flags : Subsch. ID : 20 Det. descr. : TC(8,1) - Get RM-A status GBM IL DSE --Y -- --	ACZZ4109	
		Verify Packet Reception TM 8-6 for RM Status parametrized Packet Details: APID: 512 Type: 8 Subtype: 6 PI1: 41600 PI2: 1	A86_RMStatus	
		Verify Telemetry MiscCfg ThrstLev AEW2W109	= 2 <dec>	AND=ZAAM0999
9.1.4		Enable RM A		<input type="checkbox"/>
		Execute Telecommand Ext_ACC_RM_A_Enable TC Control Flags : Subsch. ID : 10 Det. descr. : External ACC RM A Enable - Mission Specific GBM IL DSE --Y -- --	DCM21170	
		Verify Telemetry RMA_fromTTR-RMA AEE91050	= ENABLED	AND=ZAA07999
		Verify Telemetry RMA_fromTTR-RMB AEE92050	= ENABLED	AND=ZAA07999
9.1.5		Disable RM B		<input type="checkbox"/>

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Step No.	Time	Activity/Remarks	TC/TLM	Display/ Branch
		Execute Telecommand Ext_ACC_RM_B_Disable TC Control Flags : Subsch. ID : 10 Det. descr. : External ACC RM B Disable - Mission Specific GBM IL DSE --Y -- --	DCM25170	
		Verify Telemetry RMB_fromTTR-RMA AEE93050	= DISABLED	AND=ZAA07999
		Verify Telemetry RMB_fromTTR-RMB AEE94050	= DISABLED	AND=ZAA07999
9.1.6		Set SM Thrust Level 2 on RM B		<input type="checkbox"/>
		Execute Telecommand No change THR2 RMB TC Control Flags : Subsch. ID : 20 Det. descr. : TC(8,1) modify SM conf THR Level 2 - No change THR2 RMB GBM IL DSE --Y -- --	ACY6K109	
9.1.7		Verify Update via RM B Status Report		<input type="checkbox"/>
		Execute Telecommand Get RM-B status TC Control Flags : Subsch. ID : 20 Det. descr. : TC(8,1) - Get RM-B status GBM IL DSE --Y -- --	ACZZ5109	
		Verify Packet Reception TM 8-6 for RM Status parametrized Packet Details: APID: 512 Type: 8 Subtype: 6 PI1: 41600 PI2: 1	A86_RMStatus	
		Verify Telemetry MiscCfg ThrstLev AEW2W109	= 2 <dec>	AND=ZAAM0999
9.1.8		Enable RM B		<input type="checkbox"/>

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Step No.	Time	Activity/Remarks	TC/TLM	Display/ Branch
		Execute Telecommand <div style="text-align: right;">Ext_ACC_RM_B_Enable</div> TC Control Flags : <div style="text-align: right;">GBM IL DSE --Y -- --</div> Subsch. ID : 10 Det. descr. : External ACC RM B Enable - Mission Specific	DCM24170	
		Verify Telemetry <div style="text-align: right;">RMB_fromTTR-RMA AEE93050</div>	= ENABLED	AND=ZAA07999
		Verify Telemetry <div style="text-align: right;">RMB_fromTTR-RMB AEE94050</div>	= ENABLED	AND=ZAA07999
TC Seq. Name : HFAD5SM3 (SetSmThrustLevel3) TimeTag Type: N Sub Schedule ID: <input type="checkbox"/>				
10		Set SM Thrust Level 3		Next Step: END
10.1		Uplink Sequence HFAD5SM3		<input type="checkbox"/>
10.1.1		Disable RM A		<input type="checkbox"/>
		Execute Telecommand <div style="text-align: right;">Ext_ACC_RM_A_Disable</div> TC Control Flags : <div style="text-align: right;">GBM IL DSE --Y -- --</div> Subsch. ID : 10 Det. descr. : External ACC RM A Disable - Mission Specific	DCM22170	
		Verify Telemetry <div style="text-align: right;">RMA_fromTTR-RMA AEE91050</div>	= DISABLED	AND=ZAA07999
		Verify Telemetry <div style="text-align: right;">RMA_fromTTR-RMB AEE92050</div>	= DISABLED	AND=ZAA07999
10.1.2		Set SM Thrust Level 3 on RM A		<input type="checkbox"/>

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Step No.	Time	Activity/Remarks	TC/TLM	Display/ Branch
		Execute Telecommand No change THR3 RMA TC Control Flags : Subsch. ID : 20 Det. descr. : TC(8,1) modify SM conf THR Level 3 - No change THR3 RMA GBM IL DSE --Y -- --	ACYVR109	
10.1.3		Verify Update via RM A Status Report		<input type="checkbox"/>
		Execute Telecommand Get RM-A status TC Control Flags : Subsch. ID : 20 Det. descr. : TC(8,1) - Get RM-A status GBM IL DSE --Y -- --	ACZZ4109	
		Verify Packet Reception TM 8-6 for RM Status parametrized Packet Details: APID: 512 Type: 8 Subtype: 6 PI1: 41600 PI2: 1	A86_RMStatus	
		Verify Telemetry MiscCfg ThrstLev AEW2W109	= 3 <dec>	AND=ZAAM0999
10.1.4		Enable RM A		<input type="checkbox"/>
		Execute Telecommand Ext_ACC_RM_A_Enable TC Control Flags : Subsch. ID : 10 Det. descr. : External ACC RM A Enable - Mission Specific GBM IL DSE --Y -- --	DCM21170	
		Verify Telemetry RMA_fromTTR-RMA AEE91050	= ENABLED	AND=ZAA07999
		Verify Telemetry RMA_fromTTR-RMB AEE92050	= ENABLED	AND=ZAA07999
10.1.5		Disable RM B		<input type="checkbox"/>

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Step No.	Time	Activity/Remarks	TC/TLM	Display/ Branch
		Execute Telecommand Ext_ACC_RM_B_Disable TC Control Flags : Subsch. ID : 10 Det. descr. : External ACC RM B Disable - Mission Specific	DCM25170	
		Verify Telemetry RMB_fromTTR-RMA AEE93050	= DISABLED	AND=ZAA07999
		Verify Telemetry RMB_fromTTR-RMB AEE94050	= DISABLED	AND=ZAA07999
10.1.6		Set SM Thrust Level 3 on RM B		<input type="checkbox"/>
		Execute Telecommand No change THR3 RMB TC Control Flags : Subsch. ID : 20 Det. descr. : TC(8,1) modify SM conf THR Level 3 - No change THR3 RMB	ACY6L109	
10.1.7		Verify Update via RM B Status Report		<input type="checkbox"/>
		Execute Telecommand Get RM-B status TC Control Flags : Subsch. ID : 20 Det. descr. : TC(8,1) - Get RM-B status	ACZZ5109	
		Verify Packet Reception TM 8-6 for RM Status parametrized Packet Details: APID: 512 Type: 8 Subtype: 6 PI1: 41600 PI2: 1	A86_RMstatus	
		Verify Telemetry MiscCfg ThrstLev AEW2W109	= 3 <dec>	AND=ZAAM0999
10.1.8		Enable RM B		<input type="checkbox"/>

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Step No.	Time	Activity/Remarks	TC/TLM	Display/ Branch
		Execute Telecommand <div style="text-align: right;">Ext_ACC_RM_B_Enable</div> TC Control Flags : <div style="text-align: right;">GBM IL DSE --Y -- --</div> Subsch. ID : 10 Det. descr. : External ACC RM B Enable - Mission Specific	DCM24170	
		Verify Telemetry <div style="text-align: right;">RMB_fromTTR-RMA AEE93050</div>	= ENABLED	AND=ZAA07999
		Verify Telemetry <div style="text-align: right;">RMB_fromTTR-RMB AEE94050</div>	= ENABLED	AND=ZAA07999
TC Seq. Name : HFAD5SM4 (SetSmThrustLevel4) TimeTag Type: N Sub Schedule ID: <input type="checkbox"/>				
11		Set SM Thrust Level 4		Next Step: END
11.1		Uplink Sequence HFAD5SM4		<input type="checkbox"/>
11.1.1		Disable RM A		<input type="checkbox"/>
		Execute Telecommand <div style="text-align: right;">Ext_ACC_RM_A_Disable</div> TC Control Flags : <div style="text-align: right;">GBM IL DSE --Y -- --</div> Subsch. ID : 10 Det. descr. : External ACC RM A Disable - Mission Specific	DCM22170	
		Verify Telemetry <div style="text-align: right;">RMA_fromTTR-RMA AEE91050</div>	= DISABLED	AND=ZAA07999
		Verify Telemetry <div style="text-align: right;">RMA_fromTTR-RMB AEE92050</div>	= DISABLED	AND=ZAA07999
11.1.2		Set SM Thrust Level 4 on RM A		<input type="checkbox"/>

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Step No.	Time	Activity/Remarks	TC/TLM	Display/ Branch
		Execute Telecommand No change THR4 RMA TC Control Flags : Subsch. ID : 20 Det. descr. : TC(8,1) modify SM conf THR Level 4 - No change THR4 RMA GBM IL DSE --Y -- ---	ACYXU109	
11.1.3		Verify Update via RM A Status Report		<input type="checkbox"/>
		Execute Telecommand Get RM-A status TC Control Flags : Subsch. ID : 20 Det. descr. : TC(8,1) - Get RM-A status GBM IL DSE --Y -- ---	ACZZ4109	
		Verify Packet Reception TM 8-6 for RM Status parametrized Packet Details: APID: 512 Type: 8 Subtype: 6 P11: 41600 P12: 1	A86_RMStatus	
		Verify Telemetry MiscCfg ThrstLev AEW2W109	= 4 <dec>	AND=ZAAM0999
11.1.4		Enable RM A		<input type="checkbox"/>
		Execute Telecommand Ext_ACC_RM_A_Enable TC Control Flags : Subsch. ID : 10 Det. descr. : External ACC RM A Enable - Mission Specific GBM IL DSE --Y -- ---	DCM21170	
		Verify Telemetry RMA_fromTTR-RMA AEE91050	= ENABLED	AND=ZAA07999
		Verify Telemetry RMA_fromTTR-RMB AEE92050	= ENABLED	AND=ZAA07999
11.1.5		Disable RM B		<input type="checkbox"/>

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Step No.	Time	Activity/Remarks	TC/TLM	Display/ Branch
		Execute Telecommand Ext_ACC_RM_B_Disable TC Control Flags : Subsch. ID : 10 Det. descr. : External ACC RM B Disable - Mission Specific	DCM25170	
		Verify Telemetry RMB_fromTTR-RMA AEE93050	= DISABLED	AND=ZAA07999
		Verify Telemetry RMB_fromTTR-RMB AEE94050	= DISABLED	AND=ZAA07999
11.1.6		Set SM Thrust Level 4 on RM B		<input type="checkbox"/>
		Execute Telecommand No change THR4 RMB TC Control Flags : Subsch. ID : 20 Det. descr. : TC(8,1) modify SM conf THR Level 4 - No change THR4 RMB	ACY6M109	
11.1.7		Verify Update via RM B Status Report		<input type="checkbox"/>
		Execute Telecommand Get RM-B status TC Control Flags : Subsch. ID : 20 Det. descr. : TC(8,1) - Get RM-B status	ACZZ5109	
		Verify Packet Reception TM 8-6 for RM Status parametrized Packet Details: APID: 512 Type: 8 Subtype: 6 PI1: 41600 PI2: 1	A86_RMstatus	
		Verify Telemetry MiscCfg ThrstLev AEW2W109	= 4 <dec>	AND=ZAAM0999
11.1.8		Enable RM B		<input type="checkbox"/>

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Step No.	Time	Activity/Remarks	TC/TLM	Display/ Branch
		Execute Telecommand Ext_ACC_RM_B_Enable TC Control Flags : Subsch. ID : 10 Det. descr. : External ACC RM B Enable - Mission Specific GBM IL DSE --Y -- --	DCM24170	
		Verify Telemetry RMB_fromTTR-RMA AEE93050	= ENABLED	AND=ZAA07999
		Verify Telemetry RMB_fromTTR-RMB AEE94050	= ENABLED	AND=ZAA07999
<p>TC Seq. Name : HFAD5SM5 (SetSmThrustLevel5)</p> <p>TimeTag Type: N Sub Schedule ID: <input type="checkbox"/></p>				
12		Set SM Thrust Level 5		Next Step: END
12.1		Uplink Sequence HFAD5SM5		<input type="checkbox"/>
12.1.1		Disable RM A		<input type="checkbox"/>
		Execute Telecommand Ext_ACC_RM_A_Disable TC Control Flags : Subsch. ID : 10 Det. descr. : External ACC RM A Disable - Mission Specific GBM IL DSE --Y -- --	DCM22170	
		Verify Telemetry RMA_fromTTR-RMA AEE91050	= DISABLED	AND=ZAA07999
		Verify Telemetry RMA_fromTTR-RMB AEE92050	= DISABLED	AND=ZAA07999
12.1.2		Set SM Thrust Level 5 on RM A		<input type="checkbox"/>

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Step No.	Time	Activity/Remarks	TC/TLM	Display/ Branch
		Execute Telecommand <p style="text-align: right;">No change THR5 RMA</p> TC Control Flags : <p style="text-align: right;">GBM IL DSE --Y -- ---</p> Subsch. ID : 20 Det. descr. : TC(8,1) modify SM conf THR Level 5 - No change THR5 RMA	ACYZX109	
12.1.3		Verify Update via RM A Status Report		<input type="checkbox"/>
		Execute Telecommand <p style="text-align: right;">Get RM-A status</p> TC Control Flags : <p style="text-align: right;">GBM IL DSE --Y -- ---</p> Subsch. ID : 20 Det. descr. : TC(8,1) - Get RM-A status	ACZZ4109	
		Verify Packet Reception <p style="text-align: center;">TM 8-6 for RM Status parametrized</p> Packet Details: <p style="text-align: right;">APID: 512 Type: 8 Subtype: 6 PI1: 41600 PI2: 1</p>	A86_RMStatus	
		Verify Telemetry <p style="text-align: center;">MiscCfg ThrstLev AEW2W109</p>	= 5 <dec>	AND=ZAAM0999
12.1.4		Enable RM A		<input type="checkbox"/>
		Execute Telecommand <p style="text-align: right;">Ext_ACC_RM_A_Enable</p> TC Control Flags : <p style="text-align: right;">GBM IL DSE --Y -- ---</p> Subsch. ID : 10 Det. descr. : External ACC RM A Enable - Mission Specific	DCM21170	
		Verify Telemetry <p style="text-align: center;">RMA_fromTTR-RMA AEE91050</p>	= ENABLED	AND=ZAA07999
		Verify Telemetry <p style="text-align: center;">RMA_fromTTR-RMB AEE92050</p>	= ENABLED	AND=ZAA07999
12.1.5		Disable RM B		<input type="checkbox"/>

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Step No.	Time	Activity/Remarks	TC/TLM	Display/ Branch
		Execute Telecommand Ext_ACC_RM_B_Disable TC Control Flags : Subsch. ID : 10 Det. descr. : External ACC RM B Disable - Mission Specific	DCM25170	
		Verify Telemetry RMB_fromTTR-RMA AEE93050	= DISABLED	AND-ZAA07999
		Verify Telemetry RMB_fromTTR-RMB AEE94050	= DISABLED	AND-ZAA07999
12.1.6		Set SM Thrust Level 5 on RM B		<input type="checkbox"/>
		Execute Telecommand No change THR5 RMB TC Control Flags : Subsch. ID : 20 Det. descr. : TC(8,1) modify SM conf THR Level 5 - No change THR5 RMB	ACY6N109	
12.1.7		Verify Update via RM B Status Report		<input type="checkbox"/>
		Execute Telecommand Get RM-B status TC Control Flags : Subsch. ID : 20 Det. descr. : TC(8,1) - Get RM-B status	ACZZ5109	
		Verify Packet Reception TM 8-6 for RM Status parametrized Packet Details: APID: 512 Type: 8 Subtype: 6 PI1: 41600 PI2: 1	A86_RMstatus	
		Verify Telemetry MiscCfg ThrstLev AEW2W109	= 5 <dec>	AND-ZAAM0999
12.1.8		Enable RM B		<input type="checkbox"/>

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Step No.	Time	Activity/Remarks	TC/TLM	Display/ Branch
		Execute Telecommand <div style="text-align: right;">Ext_ACC_RM_B_Enable</div> TC Control Flags : <div style="text-align: right;">GBM IL DSE --Y -- --</div> Subsch. ID : 10 Det. descr. : External ACC RM B Enable - Mission Specific	DCM24170	
		Verify Telemetry <div style="text-align: right;">RMB_fromTTR-RMA AEE93050</div>	= ENABLED	AND=ZAA07999
		Verify Telemetry <div style="text-align: right;">RMB_fromTTR-RMB AEE94050</div>	= ENABLED	AND=ZAA07999
TC Seq. Name : HFAD5SM6 (SetSmThrustLevel6) TimeTag Type: N Sub Schedule ID: <input type="checkbox"/>				
13		Set SM Thrust Level 6		Next Step: END
13.1		Uplink Sequence HFAD5SM6		<input type="checkbox"/>
13.1.1		Disable RM A		<input type="checkbox"/>
		Execute Telecommand <div style="text-align: right;">Ext_ACC_RM_A_Disable</div> TC Control Flags : <div style="text-align: right;">GBM IL DSE --Y -- --</div> Subsch. ID : 10 Det. descr. : External ACC RM A Disable - Mission Specific	DCM22170	
		Verify Telemetry <div style="text-align: right;">RMA_fromTTR-RMA AEE91050</div>	= DISABLED	AND=ZAA07999
		Verify Telemetry <div style="text-align: right;">RMA_fromTTR-RMB AEE92050</div>	= DISABLED	AND=ZAA07999
13.1.2		Set SM Thrust Level 6 on RM A		<input type="checkbox"/>

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Step No.	Time	Activity/Remarks	TC/TLM	Display/ Branch
		Execute Telecommand No change THR6 RMA TC Control Flags : Subsch. ID : 20 Det. descr. : TC(8,1) modify SM conf THR Level 6 - No change THR6 RMA GBM IL DSE --Y -- --	ACY2A109	
13.1.3		Verify Update via RM A Status Report		<input type="checkbox"/>
		Execute Telecommand Get RM-A status TC Control Flags : Subsch. ID : 20 Det. descr. : TC(8,1) - Get RM-A status GBM IL DSE --Y -- --	ACZZ4109	
		Verify Packet Reception TM 8-6 for RM Status parametrized Packet Details: APID: 512 Type: 8 Subtype: 6 P11: 41600 P12: 1	A86_RMStatus	
		Verify Telemetry MiscCfg ThrstLev AEW2W109	= 6 <dec>	AND=ZAAM0999
13.1.4		Enable RM A		<input type="checkbox"/>
		Execute Telecommand Ext_ACC_RM_A_Enable TC Control Flags : Subsch. ID : 10 Det. descr. : External ACC RM A Enable - Mission Specific GBM IL DSE --Y -- --	DCM21170	
		Verify Telemetry RMA_fromTTR-RMA AEE91050	= ENABLED	AND=ZAA07999
		Verify Telemetry RMA_fromTTR-RMB AEE92050	= ENABLED	AND=ZAA07999
13.1.5		Disable RM B		<input type="checkbox"/>

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Step No.	Time	Activity/Remarks	TC/TLM	Display/ Branch
		Execute Telecommand Ext_ACC_RM_B_Disable TC Control Flags : Subsch. ID : 10 Det. descr. : External ACC RM B Disable - Mission Specific	DCM25170	
		Verify Telemetry RMB_fromTTR-RMA AEE93050	= DISABLED	AND-ZAA07999
		Verify Telemetry RMB_fromTTR-RMB AEE94050	= DISABLED	AND-ZAA07999
13.1.6		Set SM Thrust Level 6 on RM B		<input type="checkbox"/>
		Execute Telecommand No change THR6 RMB TC Control Flags : Subsch. ID : 20 Det. descr. : TC(8,1) modify SM conf THR Level 6 - No change THR6 RMB	ACY6P109	
13.1.7		Verify Update via RM B Status Report		<input type="checkbox"/>
		Execute Telecommand Get RM-B status TC Control Flags : Subsch. ID : 20 Det. descr. : TC(8,1) - Get RM-B status	ACZZ5109	
		Verify Packet Reception TM 8-6 for RM Status parametrized Packet Details: APID: 512 Type: 8 Subtype: 6 PI1: 41600 PI2: 1	A86_RMstatus	
		Verify Telemetry MiscCfg ThrstLev AEW2W109	= 6 <dec>	AND-ZAAM0999
13.1.8		Enable RM B		<input type="checkbox"/>

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Step No.	Time	Activity/Remarks	TC/TLM	Display/ Branch
		Execute Telecommand Ext_ACC_RM_B_Enable TC Control Flags : Subsch. ID : 10 Det. descr. : External ACC RM B Enable - Mission Specific GBM IL DSE --Y -- --	DCM24170	
		Verify Telemetry RMB_fromTTR-RMA AEE93050	= ENABLED	AND=ZAA07999
		Verify Telemetry RMB_fromTTR-RMB AEE94050	= ENABLED	AND=ZAA07999
TC Seq. Name : HFAD5SM7 (SetSmThrustLevel7) TimeTag Type: N Sub Schedule ID: <input type="checkbox"/>				
14		Set SM Thrust Level 7		Next Step: END
14.1		Uplink Sequence HFAD5SM7		<input type="checkbox"/>
14.1.1		Disable RM A		<input type="checkbox"/>
		Execute Telecommand Ext_ACC_RM_A_Disable TC Control Flags : Subsch. ID : 10 Det. descr. : External ACC RM A Disable - Mission Specific GBM IL DSE --Y -- --	DCM22170	
		Verify Telemetry RMA_fromTTR-RMA AEE91050	= DISABLED	AND=ZAA07999
		Verify Telemetry RMA_fromTTR-RMB AEE92050	= DISABLED	AND=ZAA07999
14.1.2		Set SM Thrust Level 7 on RM A		<input type="checkbox"/>

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Step No.	Time	Activity/Remarks	TC/TLM	Display/ Branch
		Execute Telecommand No change THR7 RMA TC Control Flags : Subsch. ID : 20 Det. descr. : TC(8,1) modify SM conf THR Level 7 - No change THR7 RMA GBM IL DSE --Y -- ---	ACY4D109	
14.1.3		Verify Update via RM A Status Report		<input type="checkbox"/>
		Execute Telecommand Get RM-A status TC Control Flags : Subsch. ID : 20 Det. descr. : TC(8,1) - Get RM-A status GBM IL DSE --Y -- ---	ACZZ4109	
		Verify Packet Reception TM 8-6 for RM Status parametrized Packet Details: APID: 512 Type: 8 Subtype: 6 P11: 41600 P12: 1	A86_RMStatus	
		Verify Telemetry MiscCfg ThrstLev AEW2W109	= 7 <dec>	AND=ZAAM0999
14.1.4		Enable RM A		<input type="checkbox"/>
		Execute Telecommand Ext_ACC_RM_A_Enable TC Control Flags : Subsch. ID : 10 Det. descr. : External ACC RM A Enable - Mission Specific GBM IL DSE --Y -- ---	DCM21170	
		Verify Telemetry RMA_fromTTR-RMA AEE91050	= ENABLED	AND=ZAA07999
		Verify Telemetry RMA_fromTTR-RMB AEE92050	= ENABLED	AND=ZAA07999
14.1.5		Disable RM B		<input type="checkbox"/>

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Step No.	Time	Activity/Remarks	TC/TLM	Display/ Branch
		Execute Telecommand Ext_ACC_RM_B_Disable TC Control Flags : Subsch. ID : 10 Det. descr. : External ACC RM B Disable - Mission Specific	DCM25170	
		Verify Telemetry RMB_fromTTR-RMA AEE93050	= DISABLED	AND-ZAA07999
		Verify Telemetry RMB_fromTTR-RMB AEE94050	= DISABLED	AND-ZAA07999
14.1.6		Set SM Thrust Level 7 on RM B		<input type="checkbox"/>
		Execute Telecommand No change THR7 RMB TC Control Flags : Subsch. ID : 20 Det. descr. : TC(8,1) modify SM conf THR Level 7 - No change THR7 RMB	ACY5F109	
14.1.7		Verify Update via RM B Status Report		<input type="checkbox"/>
		Execute Telecommand Get RM-B status TC Control Flags : Subsch. ID : 20 Det. descr. : TC(8,1) - Get RM-B status	ACZZ5109	
		Verify Packet Reception TM 8-6 for RM Status parametrized Packet Details: APID: 512 Type: 8 Subtype: 6 PI1: 41600 PI2: 1	A86_RMStatus	
		Verify Telemetry MiscCfg ThrstLev AEW2W109	= 7 <dec>	AND-ZAAM0999
14.1.8		Enable RM B		<input type="checkbox"/>

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Step No.	Time	Activity/Remarks	TC/TLM	Display/ Branch
		Execute Telecommand <p style="text-align: right;">Ext_ACC_RM_B_Enable</p> <i>TC Control Flags :</i> <p style="text-align: right;">GBM IL DSE --Y -- --</p> <i>Subsch. ID : 10</i> <i>Det. descr. : External ACC RM B Enable - Mission Specific</i>	DCM24170	
		Verify Telemetry <p style="text-align: center;">RMB_fromTTR-RMA AEE93050</p>	= ENABLED	AND=ZAA07999
		Verify Telemetry <p style="text-align: center;">RMB_fromTTR-RMB AEE94050</p>	= ENABLED	AND=ZAA07999
End of Procedure				