

Herschel ACMS : OBDB Setup (to be part of ACC power on procedure
 File: H_GSP_AOC_OBDB.xls
 Author: dsalt-hp



Procedure Summary

Objectives

This procedure is ment for the simulator developers at VEGA Darmstadt. It provides the commands and telemetry checks for setting up the onboard database (OBDB) PRE-LAUNCH.

NOTE 1: OBDB parameters and their values in Step 2 to 5 are taken from the Dutch Space "User Manual Flight Control Procedures for the Herschel S/C" (H-P-4-DS-MA-007, Issue 2, Rev. 4, Section 2.2.1.7) and relate to Step 19 to 22 respectively, in that document.

NOTE 2: OBDB parameters and their values in Step 6 are based upon verbal input from Industry, provided during Sim#16.

Summary of Constraints

Spacecraft Configuration

Start of Procedure

End of Procedure

Reference File(s)

Input Command Sequences

Output Command Sequences

HGAOBDB1

Referenced Displays

ANDs GRDs SLDs
 ZAD07999

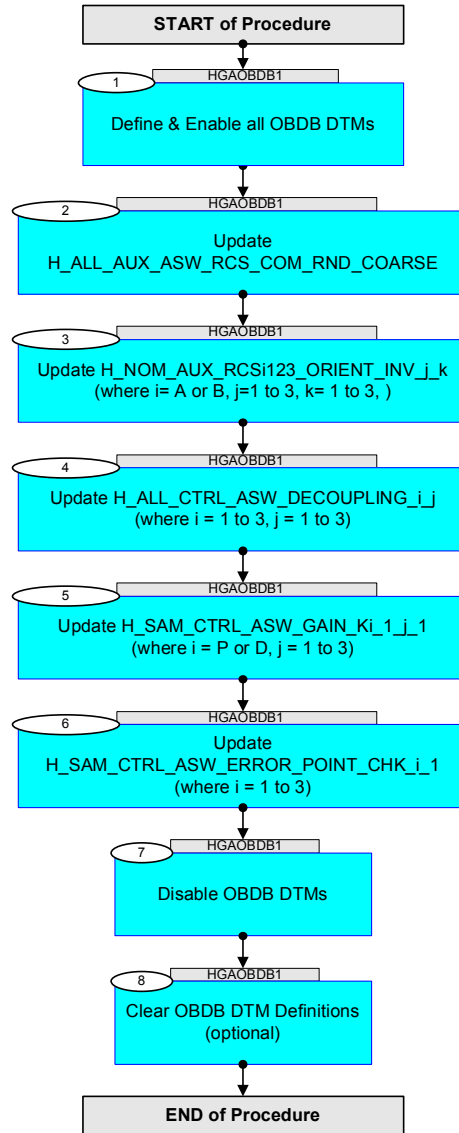
Configuration Control Information

DATE	FOP ISSUE	VERSION	MODIFICATION DESCRIPTION	AUTHOR	SPR REF
18/02/09		1	Created	dsalt-hp	
23/02/09	2.1	2	Step 6 added to include additional OBDB parameters, as recommended by Industry during Sim#16	dsalt-hp	

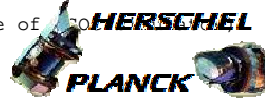
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Procedure Flowchart Overview



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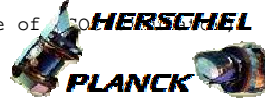
Step No.	Time	Activity/Remarks	TC/TLM	Display/ Branch
Beginning of Procedure				
<p><i>TC Seq. Name : HGAOBDB1 (ObdbSetup)</i></p> <p><i>TimeTag Type: N</i> <i>Sub Schedule ID:</i></p> <p style="text-align: center;">□</p>				
1		Define & Enable all OBDB DTMs		Next Step: 2
		<p>This step enables all diagnostic packets related to the 2134 onboard database parameters on Herschel. As the Herschel onboard database currently contains 2134 parameters there are 8 diagnostic packets defined that together cover the entire Herschel onboard database. In H-P-4-TASW-IF-0002 {ACC ASW_ICD} section 6.1 you can find a list of Herschel OBDB parameters ordered by offset.</p>		
		<p>CONSTRAINTS:</p> <ol style="list-style-type: none"> Pre-condition for any diagnostic packet to be enabled is that the spacecraft has to be configured for 150 kbps downlink rate or higher. In 150 kbps downlink rate or higher, 2500 bps is allocated ACMS non-essential telemetry. 		
		<p>Verify Telemetry</p> <p style="text-align: center;">TME_BITRATE DEMRF160</p>	>= 150 Kbps	AND=ZAD07999
		<p>Packets to be enabled:</p> <p>A3DHOBDB1109 {DTM with Herschel OBDB data1} A3DHOBDB2109 {DTM with Herschel OBDB data2} A3DHOBDB3109 {DTM with Herschel OBDB data3} A3DHOBDB4109 {DTM with Herschel OBDB data4} A3DHOBDB5109 {DTM with Herschel OBDB data5} A3DHOBDB6109 {DTM with Herschel OBDB data6} A3DHOBDB7109 {DTM with Herschel OBDB data7} A3DHOBDB8109 {DTM with Herschel OBDB data8}</p>		
		<p>Per packet (default settings):</p> <p>Packet size = 8160 bits Interval = 32 s (= 120 sampling periods) Packet rate = 8160 [bits] / 32 [s] = 255 [bps]</p> <p>Total:</p> <p>Total DTM packet rate = 8 * 255 [bps] = 2040 [bps]</p>		
1.1		Define all OBDB DTMs		□

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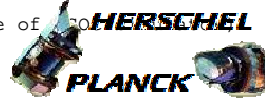
Step No.	Time	Activity/Remarks	TC/TLM	Display/ Branch
	ET=+ UT=+00.00.02	Execute Telecommand TC32H ASOBDB03 Command Parameter(s) : HK Packet ID AH3PK109 Structure ID HK AH3SD109 Interval AH3SA109 DID number AH3PA109 TC Control Flags : GBM IL DSE --Y -- -- Subsch. ID : 20 Det. descr. : TC(3,2) Define H ASOBDB03	AC3D3109 4503 <dec> DTM OBDB03 (Def) 128 <dec> 24835 <dec> (Def)	
	ET=+ UT=+00.00.02	Execute Telecommand TC32H ASOBDB04 Command Parameter(s) : HK Packet ID AH3PK109 Structure ID HK AH3SD109 Interval AH3SA109 DID number AH3PA109 TC Control Flags : GBM IL DSE --Y -- -- Subsch. ID : 20 Det. descr. : TC(3,2) Define H ASOBDB04	AC3D4109 4504 <dec> DTM OBDB04 (Def) 128 <dec> 24836 <dec> (Def)	
	ET=+ UT=+00.00.02	Execute Telecommand TC32H ASOBDB05 Command Parameter(s) : HK Packet ID AH3PK109 Structure ID HK AH3SD109 Interval AH3SA109 DID number AH3PA109 TC Control Flags : GBM IL DSE --Y -- -- Subsch. ID : 20 Det. descr. : TC(3,2) Define H ASOBDB05	AC3D5109 4505 <dec> DTM OBDB05 (Def) 128 <dec> 24837 <dec> (Def)	
	ET=+ UT=+00.00.02	Execute Telecommand TC32H ASOBDB06 Command Parameter(s) : HK Packet ID AH3PK109 Structure ID HK AH3SD109 Interval AH3SA109 DID number AH3PA109 TC Control Flags : GBM IL DSE --Y -- -- Subsch. ID : 20 Det. descr. : TC(3,2) Define H ASOBDB06	AC3D6109 4506 <dec> DTM OBDB06 (Def) 128 <dec> 24838 <dec> (Def)	

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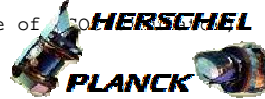
Step No.	Time	Activity/Remarks	TC/TLM	Display/ Branch
	ET=+ UT=+00.00.02	Execute Telecommand TC32H ASOBDB07 Command Parameter(s) : HK Packet ID AH3PK109 Structure ID HK AH3SD109 Interval AH3SA109 DID number AH3PA109 TC Control Flags : GBM IL DSE --Y -- -- Subsch. ID : 20 Det. descr. : TC(3,2) Define H ASOBDB07	AC3D7109 4507 <dec> DTM OBDB07 (Def) 128 <dec> 24839 <dec> (Def)	
	ET=+ UT=+00.00.02	Execute Telecommand TC32H ASOBDB08 Command Parameter(s) : HK Packet ID AH3PK109 Structure ID HK AH3SD109 Interval AH3SA109 DID number AH3PA109 TC Control Flags : GBM IL DSE --Y -- -- Subsch. ID : 20 Det. descr. : TC(3,2) Define H ASOBDB08	AC3D8109 4508 <dec> DTM OBDB08 (Def) 128 <dec> 24840 <dec> (Def)	
	ET=+ UT=+00.00.02	Execute Telecommand Report Diag Report Def Command Parameter(s) : Number of pkts AH3NP109 HK Packet ID AH3PK109 HK Packet ID AH3PK109 HK Packet ID AH3PK109 HK Packet ID AH3PK109 HK Packet ID AH3PK109 HK Packet ID AH3PK109 HK Packet ID AH3PK109 HK Packet ID AH3PK109 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 8 <dec> 4501 <dec> 4502 <dec> 4503 <dec> 4504 <dec> 4505 <dec> 4506 <dec> 4507 <dec> 4508 <dec>	
1.2		Enable all OBDB DTMs		<input type="checkbox"/>

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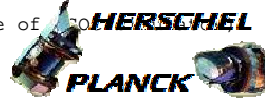
Step No.	Time	Activity/Remarks	TC/TLM	Display/ Branch
		Verify Packet Reception DTM with Herschel OBDB data1 Packet Details: <p style="text-align: right;"> APID: 514 Type: 3 Subtype: 26 PI1: 4501 PI2: </p>	A3DH0BDB1109	
		NOTE: The contents of diagnostic packet A3DH0BDB1109 {DTM with Herschel OBDB data1} are spread over a group of 4 monitoring displays: <p style="text-align: center;"> ZAZ60999 DTMOBDB1_1 ZAZ61999 DTMOBDB1_2 ZAZ62999 DTMOBDB1_3 ZAZ63999 DTMOBDB1_4 </p>		
		Verify Packet Reception DTM with Herschel OBDB data2 Packet Details: <p style="text-align: right;"> APID: 514 Type: 3 Subtype: 26 PI1: 4502 PI2: </p>	A3DH0BDB2109	
		NOTE: The contents of diagnostic packet A3DH0BDB2109 {DTM with Herschel OBDB data2} are spread over a group of 4 monitoring displays: <p style="text-align: center;"> ZAZ64999 DTMOBDB2_1 ZAZ65999 DTMOBDB2_2 ZAZ66999 DTMOBDB2_3 ZAZ67999 DTMOBDB2_4 </p>		
		Verify Packet Reception DTM with Herschel OBDB data3 Packet Details: <p style="text-align: right;"> APID: 514 Type: 3 Subtype: 26 PI1: 4503 PI2: </p>	A3DH0BDB3109	
		NOTE: The contents of diagnostic packet A3DH0BDB3109 {DTM with Herschel OBDB data3} are spread over a group of 4 monitoring displays: <p style="text-align: center;"> ZAZ68999 DTMOBDB3_1 ZAZ69999 DTMOBDB3_2 ZAZ6A999 DTMOBDB3_3 ZAZ6B999 DTMOBDB3_4 </p>		
		Verify Packet Reception DTM with Herschel OBDB data4 Packet Details: <p style="text-align: right;"> APID: 514 Type: 3 Subtype: 26 PI1: 4504 PI2: </p>	A3DH0BDB4109	

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Step No.	Time	Activity/Remarks	TC/TLM	Display/ Branch
		NOTE: The contents of diagnostic packet A3DH0BDB4109 {DTM with Herschel OBDB data4} are spread over a group of 4 monitoring displays: ZAZ6C999 DTMOBDB4_1 ZAZ6D999 DTMOBDB4_2 ZAZ6E999 DTMOBDB4_3 ZAZ6F999 DTMOBDB4_4		
		Verify Packet Reception DTM with Herschel OBDB data5 Packet Details: APID: 514 Type: 3 Subtype: 26 PI1: 4505 PI2:	A3DH0BDB5109	
		NOTE: The contents of diagnostic packet A3DH0BDB5109 {DTM with Herschel OBDB data5} are spread over a group of 4 monitoring displays: ZAZ6G999 DTMOBDB5_1 ZAZ6H999 DTMOBDB5_2 ZAZ6I999 DTMOBDB5_3 ZAZ6J999 DTMOBDB5_4		
		Verify Packet Reception DTM with Herschel OBDB data6 Packet Details: APID: 514 Type: 3 Subtype: 26 PI1: 4506 PI2:	A3DH0BDB6109	
		NOTE: The contents of diagnostic packet A3DH0BDB6109 {DTM with Herschel OBDB data6} are spread over a group of 4 monitoring displays: ZAZ6K999 DTMOBDB6_1 ZAZ6L999 DTMOBDB6_2 ZAZ6M999 DTMOBDB6_3 ZAZ6N999 DTMOBDB6_4		
		Verify Packet Reception DTM with Herschel OBDB data7 Packet Details: APID: 514 Type: 3 Subtype: 26 PI1: 4507 PI2:	A3DH0BDB7109	

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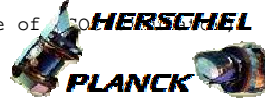
Step No.	Time	Activity/Remarks	TC/TLM	Display/ Branch
		NOTE: The contents of diagnostic packet A3DH0BDB7109 {DTM with Herschel OBDB data7} are spread over a group of 4 monitoring displays: ZAZ6O999 DTMOBDB7_1 ZAZ6P999 DTMOBDB7_2 ZAZ6Q999 DTMOBDB7_3 ZAZ6R999 DTMOBDB7_4		
		Verify Packet Reception DTM with Herschel OBDB data8 Packet Details: APID: 514 Type: 3 Subtype: 26 PI1: 4508 PI2:	A3DH0BDB8109	
		NOTE: The contents of diagnostic packet A3DH0BDB8109 {DTM with Herschel OBDB data8} are spread over a group of 4 monitoring displays: ZAZ6S999 DTMOBDB8_1 ZAZ6T999 DTMOBDB8_2 ZAZ6U999 DTMOBDB8_3 ZAZ6V999 DTMOBDB8_4		
2		Update H_ALL_AUX_ASW_RCS_COM_RND_COARSE		Next Step: 3
	ET=+ UT=+00.00.05	Execute Telecommand Start database loading Command Parameter(s) : DbLoad Nr Cmds AHFDL001 Subsch. ID : 20 Det. descr. : TC_START_DATABASE_LOAD	ACDS1001 1 <dec>	
	ET=+ UT=+00.00.02	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 0.55 <dec> TC Control Flags : GBM IL DSE --Y -- --- Subsch. ID : 20 Det. descr. : TC(8,4) - Load database Real	ACZTY109 Enable 86 Enable 86 78 <dec> 1 <dec> (Def) 0.55 <dec>	

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	ET=+ UT=+00.00.02	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 TC Control Flags : GBM IL DSE --Y -- --- Subsch. ID : 20 Det. descr. : TC(8,4) - Load database Real	ACZTY109 Enable 86 Enable 86 158 <dec> 1 <dec> (Def) -0.022367245 <dec>	
	ET=+ UT=+00.00.02	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 TC Control Flags : GBM IL DSE --Y -- --- Subsch. ID : 20 Det. descr. : TC(8,4) - Load database Real	ACZTY109 Enable 86 Enable 86 159 <dec> 1 <dec> (Def) -0.000134757 <dec>	
	ET=+ UT=+00.00.02	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 TC Control Flags : GBM IL DSE --Y -- --- Subsch. ID : 20 Det. descr. : TC(8,4) - Load database Real	ACZTY109 Enable 86 Enable 86 160 <dec> 1 <dec> (Def) -0.014843203 <dec>	
	ET=+ UT=+00.00.02	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 TC Control Flags : GBM IL DSE --Y -- --- Subsch. ID : 20 Det. descr. : TC(8,4) - Load database Real	ACZTY109 Enable 86 Enable 86 161 <dec> 1 <dec> (Def) -0.022240021 <dec>	

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Step No.	Time	Activity/Remarks	TC/TLM	Display/ Branch
	ET=+ UT=+00.00.02	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 TC Control Flags : GBM IL DSE --Y -- --- Subsch. ID : 20 Det. descr. : TC(8,4) - Load database Real	ACZTY109 Enable 86 Enable 86 162 <dec> 1 <dec> (Def) 0.015634597 <dec>	
	ET=+ UT=+00.00.02	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 TC Control Flags : GBM IL DSE --Y -- --- Subsch. ID : 20 Det. descr. : TC(8,4) - Load database Real	ACZTY109 Enable 86 Enable 86 163 <dec> 1 <dec> (Def) -0.015100991 <dec>	
	ET=+ UT=+00.00.02	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 TC Control Flags : GBM IL DSE --Y -- --- Subsch. ID : 20 Det. descr. : TC(8,4) - Load database Real	ACZTY109 Enable 86 Enable 86 164 <dec> 1 <dec> (Def) 1.58E-05 <dec>	
	ET=+ UT=+00.00.02	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 TC Control Flags : GBM IL DSE --Y -- --- Subsch. ID : 20 Det. descr. : TC(8,4) - Load database Real	ACZTY109 Enable 86 Enable 86 165 <dec> 1 <dec> (Def) 0.015643744 <dec>	

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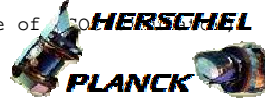
Step No.	Time	Activity/Remarks	TC/TLM	Display/ Branch
	ET=+ UT=+00.00.02	Execute Telecommand Load databaseReal Command Parameter(s) : DbLoad DF86 Cmd AH8D1001 DbLoad DD86 Cmd AH8D2001 DbLoad StartInd AHFDS001 DbLoad Nr Wrds AHFDN001 DbLoad Dwd Real AHFDZ001 TC Control Flags : GBM IL DSE --Y -- --- Subsch. ID : 20 Det. descr. : TC(8,4) - Load database Real	ACZTY109 Enable 86 Enable 86 166 <dec> 1 <dec> (Def) -0.000293334 <dec>	
	ET=+ UT=+00.00.02	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 TC Control Flags : GBM IL DSE --Y -- --- Subsch. ID : 20 Det. descr. : TC(8,4) - Load database Real	ACZTY109 Enable 86 Enable 86 167 <dec> 1 <dec> (Def) -0.022929057 <dec>	
	ET=+ UT=+00.00.02	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 TC Control Flags : GBM IL DSE --Y -- --- Subsch. ID : 20 Det. descr. : TC(8,4) - Load database Real	ACZTY109 Enable 86 Enable 86 168 <dec> 1 <dec> (Def) 7.56E-05 <dec>	
	ET=+ UT=+00.00.02	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 TC Control Flags : GBM IL DSE --Y -- --- Subsch. ID : 20 Det. descr. : TC(8,4) - Load database Real	ACZTY109 Enable 86 Enable 86 169 <dec> 1 <dec> (Def) -0.015099007 <dec>	

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	ET=+ UT=+00.00.05	Execute Telecommand Start database loading Command Parameter(s) : DbLoad Nr Cmds AHFDL001 Subsch. ID : 20 Det. descr. : TC_START_DATABASE_LOAD	ACDS1001 6 <dec>	
	ET=+ UT=+00.00.02	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 TC Control Flags : GBM IL DSE --Y -- --- Subsch. ID : 20 Det. descr. : TC(8,4) - Load database Real	ACZTY109 Enable 86 Enable 86 505 <dec> 1 <dec> (Def) 101.1946 <dec>	
	ET=+ UT=+00.00.02	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 TC Control Flags : GBM IL DSE --Y -- --- Subsch. ID : 20 Det. descr. : TC(8,4) - Load database Real	ACZTY109 Enable 86 Enable 86 506 <dec> 1 <dec> (Def) 210.6004 <dec>	
	ET=+ UT=+00.00.02	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 TC Control Flags : GBM IL DSE --Y -- --- Subsch. ID : 20 Det. descr. : TC(8,4) - Load database Real	ACZTY109 Enable 86 Enable 86 507 <dec> 1 <dec> (Def) 0.0 <dec>	

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	ET=+ UT=+00.00.05	Execute Telecommand Start database loading Command Parameter(s) : DbLoad Nr Cmds AHFDL001 Subsch. ID : 20 Det. descr. : TC_START_DATABASE_LOAD	ACDS1001 3 <dec>	
	ET=+ UT=+00.00.02	Execute Telecommand Load databaseReal Command Parameter(s) : DbLoad DF86 Cmd AH8D1001 Enable 86 DbLoad DD86 Cmd AH8D2001 Enable 86 DbLoad StartInd AHFDS001 487 <dec> DbLoad Nr Wrds AHFDN001 1 <dec> (Def) DbLoad Dwd Real AHFDZ001 0.061 <dec> TC Control Flags : GBM IL DSE --Y -- --- Subsch. ID : 20 Det. descr. : TC(8,4) - Load database Real	ACZTY109 Enable 86 Enable 86 487 <dec> 1 <dec> (Def) 0.061 <dec>	
	ET=+ UT=+00.00.02	Execute Telecommand Load databaseReal Command Parameter(s) : DbLoad DF86 Cmd AH8D1001 Enable 86 DbLoad DD86 Cmd AH8D2001 Enable 86 DbLoad StartInd AHFDS001 488 <dec> DbLoad Nr Wrds AHFDN001 1 <dec> (Def) DbLoad Dwd Real AHFDZ001 0.061 <dec> TC Control Flags : GBM IL DSE --Y -- --- Subsch. ID : 20 Det. descr. : TC(8,4) - Load database Real	ACZTY109 Enable 86 Enable 86 488 <dec> 1 <dec> (Def) 0.061 <dec>	
	ET=+ UT=+00.00.02	Execute Telecommand Load databaseReal Command Parameter(s) : DbLoad DF86 Cmd AH8D1001 Enable 86 DbLoad DD86 Cmd AH8D2001 Enable 86 DbLoad StartInd AHFDS001 489 <dec> DbLoad Nr Wrds AHFDN001 1 <dec> (Def) DbLoad Dwd Real AHFDZ001 0.061 <dec> TC Control Flags : GBM IL DSE --Y -- --- Subsch. ID : 20 Det. descr. : TC(8,4) - Load database Real	ACZTY109 Enable 86 Enable 86 489 <dec> 1 <dec> (Def) 0.061 <dec>	
	ET=+ UT=+00.00.02	Execute Telecommand Fire Start DB loading Subsch. ID : 20 Det. descr. : TC(8,4) Fire Command - Fire Start DB loading	ACZ5L109	

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Step No.	Time	Activity/Remarks	TC/TLM	Display/ Branch
7		Disable OBDB DTMs		Next Step: 8
		Execute Telecommand <p style="text-align: right;">DisableTmGen</p> Command Parameter(s) : N AH017070 8 <dec> Sub-Type AH019070 Diag Report Packet-ID AH020070 4501 <dec> Sub-Type AH019070 Diag Report Packet-ID AH020070 4502 <dec> Sub-Type AH019070 Diag Report Packet-ID AH020070 4503 <dec> Sub-Type AH019070 Diag Report Packet-ID AH020070 4504 <dec> Sub-Type AH019070 Diag Report Packet-ID AH020070 4505 <dec> Sub-Type AH019070 Diag Report Packet-ID AH020070 4506 <dec> Sub-Type AH019070 Diag Report Packet-ID AH020070 4507 <dec> Sub-Type AH019070 Diag Report Packet-ID AH020070 4508 <dec> TC Control Flags : <p style="text-align: right;">GBM IL DSE --Y -- ---</p> Subsch. ID : 20 Det. descr. : Disable Generation of Telemetry Packets	AC902070	
8		Clear OBDB DTM Definitions (optional)		Next Step: END
		Execute Telecommand <p style="text-align: right;">Clear Diagnostic Report</p> Command Parameter(s) : Number of pkts AH3NP109 8 <dec> HK Packet ID AH3PK109 4501 <dec> HK Packet ID AH3PK109 4502 <dec> HK Packet ID AH3PK109 4503 <dec> HK Packet ID AH3PK109 4504 <dec> HK Packet ID AH3PK109 4505 <dec> HK Packet ID AH3PK109 4506 <dec> HK Packet ID AH3PK109 4507 <dec> HK Packet ID AH3PK109 4508 <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	
End of Procedure				