

Cycle through HK / Periodic / Diag CDMU packets
File: H_CRP_DHS_HKCY.xls
Author: S. Manganelli



Procedure Summary

Objectives

The purpose of this procedure is to allow visibility of all TM packets in case of limited bandwidth available (less than 150kbps).

After the first sequence uplink, the only packets enabled are the two HK essential plus the very low rate packets (period 64,128 or 256 seconds) i.e. HK P64, P128 and the diagnostics ASW1, TCS and BSW4.

The second sequence cycles the enabling and disabling of all other packets, giving priority to the P1 and P4 periodic packets. The module repeated is

Enable-disable P1
Enable-disable P4
Enable-disable a packet
Enable-disable P1
Enable-disable P4
Enable-disable another packet
...

The second sequence is timed and provides two complete cycles, lasting about 30 minutes in total.

Summary of Constraints

None.

Spacecraft Configuration

Start of Procedure

Any

End of Procedure

Only Essential HK, plus HK P64, P128 and diagnostics ASW1, TCS and BSW4 are enabled. To modify, use H_FCP_DHS_1009

Reference File(s)

Input Command Sequences

Output Command Sequences

HRDHKCY1
HRDHKCY2

Referenced Displays

ANDs GRDs SLDs

Configuration Control Information

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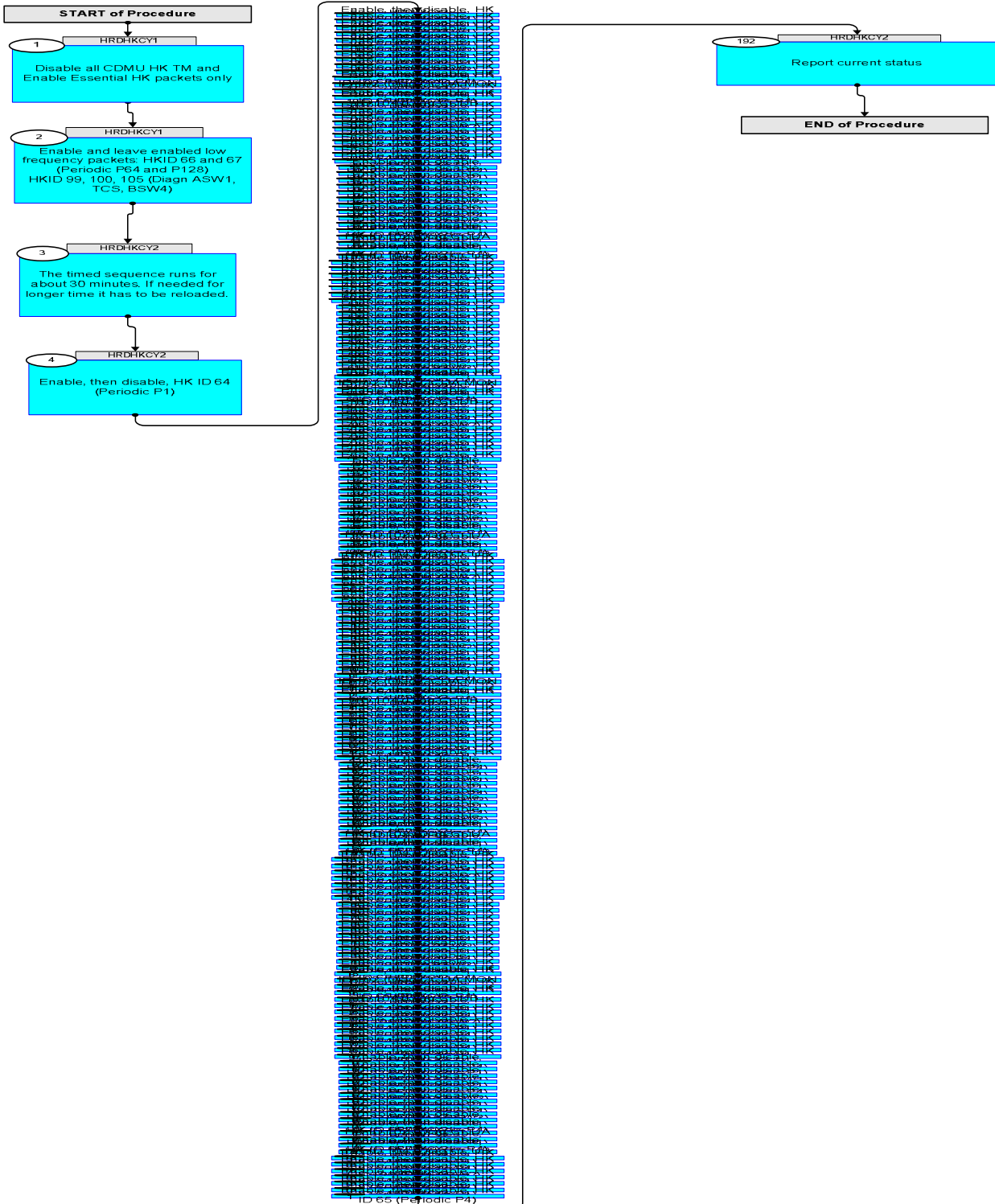


DATE	FOP ISSUE	VERSION	MODIFICATION DESCRIPTION	AUTHOR	SPR REF
24/12/08		1	Created	S. Manganelli	
30/12/08		2	Last sentence removed from 'Objectives' in procedure cover.	cmevi-hp	
09/01/09	2	3	Added reports, modified some uplink intervals	S. Manganelli	
25/03/09	2.2	4	Deleted enabling/disabling of <input type="checkbox"/> SPIRE LL diagnostic <input type="checkbox"/> Repeated the module so that sequence lasts now 30 min	S. Manganelli	

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Procedure Flowchart Overview



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Step No.	Time	Activity/Remarks	TC/TLM	Display/ Branch	AIT Comment
		Execute Telecommand <p style="text-align: right;">EnableTmGen</p> Command Parameter(s) : N DH017180 Sub-Type DH019180 Packet-ID DH020180 TC Control Flags : GBM IL DSE --Y -- --- Subsch. ID : 10 Det. descr. : Enable Generation of Telemetry Packets	DC900180	TC	
		Execute Telecommand <p style="text-align: right;">EnableTmGen</p> Command Parameter(s) : N DH017180 Sub-Type DH019180 Packet-ID DH020180 TC Control Flags : GBM IL DSE --Y -- --- Subsch. ID : 10 Det. descr. : Enable Generation of Telemetry Packets	DC900180	TC	
		Execute Telecommand <p style="text-align: right;">EnableTmGen</p> Command Parameter(s) : N DH017180 Sub-Type DH019180 Packet-ID DH020180 TC Control Flags : GBM IL DSE --Y -- --- Subsch. ID : 10 Det. descr. : Enable Generation of Telemetry Packets	DC900180	TC	
		Execute Telecommand <p style="text-align: right;">EnableTmGen</p> Command Parameter(s) : N DH017180 Sub-Type DH019180 Packet-ID DH020180 TC Control Flags : GBM IL DSE --Y -- --- Subsch. ID : 10 Det. descr. : Enable Generation of Telemetry Packets	DC900180	TC	
		Execute Telecommand <p style="text-align: right;">EnableTmGen</p> Command Parameter(s) : N DH017180 Sub-Type DH019180 Packet-ID DH020180 TC Control Flags : GBM IL DSE --Y -- --- Subsch. ID : 10 Det. descr. : Enable Generation of Telemetry Packets	DC900180	TC	

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Step No.	Time	Activity/Remarks	TC/TLM	Display/ Branch	AIT Comment
		Execute Telecommand <p style="text-align: right;">ReportEnabledTm</p> TC Control Flags : <p style="text-align: right;">GBM IL DSE --Y -- ---</p> Subsch. ID : 10 Det. descr. : Report Enabled Telemetry Packets	DC904180	TC	
End of Sequence					
HRDHKCY2 TC Seq. Name : HRDHKCY2 (CycleNessHK2) Enable all HK and Diag in turn, timed sequence TimeTag Type: N Sub Schedule ID: <input type="checkbox"/>					
3		The timed sequence runs for about 30 minutes. If needed for longer time it has to be reloaded.		Next Step: 4	
4		Enable, then disable, HK ID 64 (Periodic P1)		Next Step: 5	
		Execute Telecommand <p style="text-align: right;">EnableTmGen</p> Command Parameter(s) : <p style="text-align: right;">N DH017180 1 <dec> (Def) Sub-Type DH019180 HK Report Packet-ID DH020180 64 <dec></p> TC Control Flags : <p style="text-align: right;">GBM IL DSE --Y -- ---</p> Subsch. ID : 10 Det. descr. : Enable Generation of Telemetry Packets	DC900180	TC	
	ET=+ UT=+00.00.04	Execute Telecommand <p style="text-align: right;">DisableTmGen</p> Command Parameter(s) : <p style="text-align: right;">N DH017180 1 <dec> (Def) Sub-Type DH019180 HK Report Packet-ID DH020180 64 <dec></p> Subsch. ID : 10 Det. descr. : Disable Generation of Telemetry Packets	DC902180	TC	
5		Enable, then disable, HK ID 65 (Periodic P4)		Next Step: 6	
	ET=+ UT=+00.00.01	Execute Telecommand <p style="text-align: right;">EnableTmGen</p> Command Parameter(s) : <p style="text-align: right;">N DH017180 1 <dec> (Def) Sub-Type DH019180 HK Report Packet-ID DH020180 65 <dec></p> Subsch. ID : 10 Det. descr. : Enable Generation of Telemetry Packets	DC900180	TC	

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Step No.	Time	Activity/Remarks	TC/TLM	Display/ Branch	AIT Comment
	ET=+ UT=+00.00.09	Execute Telecommand DisableTmGen Command Parameter(s) : N DH017180 Sub-Type DH019180 Packet-ID DH020180 Subsch. ID : 10 Det. descr. : Disable Generation of Telemetry Packets	DC902180	TC	
6		Enable, then disable, HK ID 64 (Periodic P1)		Next Step: 7	
	ET=+ UT=+00.00.01	Execute Telecommand EnableTmGen Command Parameter(s) : N DH017180 Sub-Type DH019180 Packet-ID DH020180 Subsch. ID : 10 Det. descr. : Enable Generation of Telemetry Packets	DC900180	TC	
	ET=+ UT=+00.00.04	Execute Telecommand DisableTmGen Command Parameter(s) : N DH017180 Sub-Type DH019180 Packet-ID DH020180 Subsch. ID : 10 Det. descr. : Disable Generation of Telemetry Packets	DC902180	TC	
7		Enable, then disable, HK ID 96 (Diag BSW1)		Next Step: 8	
	ET=+ UT=+00.00.01	Execute Telecommand EnableTmGen Command Parameter(s) : N DH017180 Sub-Type DH019180 Packet-ID DH020180 Subsch. ID : 10 Det. descr. : Enable Generation of Telemetry Packets	DC900180	TC	
	ET=+ UT=+00.00.16	Execute Telecommand DisableTmGen Command Parameter(s) : N DH017180 Sub-Type DH019180 Packet-ID DH020180 Subsch. ID : 10 Det. descr. : Disable Generation of Telemetry Packets	DC902180	TC	

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Step No.	Time	Activity/Remarks	TC/TLM	Display/ Branch	AIT Comment
8		Enable, then disable, HK ID 64 (Periodic P1)		Next Step: 9	
	ET=+ UT=+00.00.01	Execute Telecommand EnableTmGen <i>Command Parameter(s) :</i> N DH017180 Sub-Type DH019180 Packet-ID DH020180 Subsch. ID : 10 Det. descr. : Enable Generation of Telemetry Packets	DC900180	TC	
	ET=+ UT=+00.00.04	Execute Telecommand DisableTmGen <i>Command Parameter(s) :</i> N DH017180 Sub-Type DH019180 Packet-ID DH020180 Subsch. ID : 10 Det. descr. : Disable Generation of Telemetry Packets	DC902180	TC	
9		Enable, then disable, HK ID 65 (Periodic P4)		Next Step: 10	
	ET=+ UT=+00.00.01	Execute Telecommand EnableTmGen <i>Command Parameter(s) :</i> N DH017180 Sub-Type DH019180 Packet-ID DH020180 Subsch. ID : 10 Det. descr. : Enable Generation of Telemetry Packets	DC900180	TC	
	ET=+ UT=+00.00.09	Execute Telecommand DisableTmGen <i>Command Parameter(s) :</i> N DH017180 Sub-Type DH019180 Packet-ID DH020180 Subsch. ID : 10 Det. descr. : Disable Generation of Telemetry Packets	DC902180	TC	
10		Enable, then disable, HK ID 97 (Diag BSW2)		Next Step: 11	
	ET=+ UT=+00.00.01	Execute Telecommand EnableTmGen <i>Command Parameter(s) :</i> N DH017180 Sub-Type DH019180 Packet-ID DH020180 Subsch. ID : 10 Det. descr. : Enable Generation of Telemetry Packets	DC900180	TC	

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Step No.	Time	Activity/Remarks	TC/TLM	Display/ Branch	AIT Comment
	ET=+ UT=+00.00.16	Execute Telecommand DisableTmGen Command Parameter(s) : N DH017180 Sub-Type DH019180 Packet-ID DH020180 Subsch. ID : 10 Det. descr. : Disable Generation of Telemetry Packets	DC902180	TC	
11		Enable, then disable, HK ID 64 (Periodic P1)		Next Step: 12	
	ET=+ UT=+00.00.01	Execute Telecommand EnableTmGen Command Parameter(s) : N DH017180 Sub-Type DH019180 Packet-ID DH020180 Subsch. ID : 10 Det. descr. : Enable Generation of Telemetry Packets	DC900180	TC	
	ET=+ UT=+00.00.04	Execute Telecommand DisableTmGen Command Parameter(s) : N DH017180 Sub-Type DH019180 Packet-ID DH020180 Subsch. ID : 10 Det. descr. : Disable Generation of Telemetry Packets	DC902180	TC	
12		Enable, then disable, HK ID 65 (Periodic P4)		Next Step: 13	
	ET=+ UT=+00.00.01	Execute Telecommand EnableTmGen Command Parameter(s) : N DH017180 Sub-Type DH019180 Packet-ID DH020180 Subsch. ID : 10 Det. descr. : Enable Generation of Telemetry Packets	DC900180	TC	
	ET=+ UT=+00.00.09	Execute Telecommand DisableTmGen Command Parameter(s) : N DH017180 Sub-Type DH019180 Packet-ID DH020180 Subsch. ID : 10 Det. descr. : Disable Generation of Telemetry Packets	DC902180	TC	

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Step No.	Time	Activity/Remarks	TC/TLM	Display/ Branch	AIT Comment
13		Enable, then disable, HK ID 98 (Diag BSW3)		Next Step: 14	
	ET+= UT+=00.00.01	Execute Telecommand EnableTmGen <i>Command Parameter(s) :</i> N DH017180 Sub-Type DH019180 Packet-ID DH020180 Subsch. ID : 10 Det. descr. : Enable Generation of Telemetry Packets	DC900180	TC	
	ET+= UT+=00.00.16	Execute Telecommand DisableTmGen <i>Command Parameter(s) :</i> N DH017180 Sub-Type DH019180 Packet-ID DH020180 Subsch. ID : 10 Det. descr. : Disable Generation of Telemetry Packets	DC902180	TC	
14		Enable, then disable, HK ID 64 (Periodic P1)		Next Step: 15	
	ET+= UT+=00.00.01	Execute Telecommand EnableTmGen <i>Command Parameter(s) :</i> N DH017180 Sub-Type DH019180 Packet-ID DH020180 Subsch. ID : 10 Det. descr. : Enable Generation of Telemetry Packets	DC900180	TC	
	ET+= UT+=00.00.04	Execute Telecommand DisableTmGen <i>Command Parameter(s) :</i> N DH017180 Sub-Type DH019180 Packet-ID DH020180 Subsch. ID : 10 Det. descr. : Disable Generation of Telemetry Packets	DC902180	TC	
15		Enable, then disable, HK ID 65 (Periodic P4)		Next Step: 16	
	ET+= UT+=00.00.01	Execute Telecommand EnableTmGen <i>Command Parameter(s) :</i> N DH017180 Sub-Type DH019180 Packet-ID DH020180 Subsch. ID : 10 Det. descr. : Enable Generation of Telemetry Packets	DC900180	TC	

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Step No.	Time	Activity/Remarks	TC/TLM	Display/ Branch	AIT Comment
	ET=+ UT=+00.00.09	Execute Telecommand DisableTmGen Command Parameter(s) : N DH017180 Sub-Type DH019180 Packet-ID DH020180 Subsch. ID : 10 Det. descr. : Disable Generation of Telemetry Packets	DC902180	TC	
16		Enable, then disable, HK ID 102 (Diag CUA MON 2)		Next Step: 17	
	ET=+ UT=+00.00.01	Execute Telecommand EnableTmGen Command Parameter(s) : N DH017180 Sub-Type DH019180 Packet-ID DH020180 Subsch. ID : 10 Det. descr. : Enable Generation of Telemetry Packets	DC900180	TC	
	ET=+ UT=+00.00.16	Execute Telecommand DisableTmGen Command Parameter(s) : N DH017180 Sub-Type DH019180 Packet-ID DH020180 Subsch. ID : 10 Det. descr. : Disable Generation of Telemetry Packets	DC902180	TC	
17		Enable, then disable, HK ID 64 (Periodic P1)		Next Step: 18	
	ET=+ UT=+00.00.01	Execute Telecommand EnableTmGen Command Parameter(s) : N DH017180 Sub-Type DH019180 Packet-ID DH020180 Subsch. ID : 10 Det. descr. : Enable Generation of Telemetry Packets	DC900180	TC	
	ET=+ UT=+00.00.04	Execute Telecommand DisableTmGen Command Parameter(s) : N DH017180 Sub-Type DH019180 Packet-ID DH020180 Subsch. ID : 10 Det. descr. : Disable Generation of Telemetry Packets	DC902180	TC	

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Step No.	Time	Activity/Remarks	TC/TLM	Display/ Branch	AIT Comment
18		Enable, then disable, HK ID 65 (Periodic P4)		Next Step: 19	
	ET=+ UT=+00.00.01	Execute Telecommand EnableTmGen <i>Command Parameter(s) :</i> N DH017180 Sub-Type DH019180 Packet-ID DH020180 Subsch. ID : 10 Det. descr. : Enable Generation of Telemetry Packets	DC900180	TC	
	ET=+ UT=+00.00.09	Execute Telecommand DisableTmGen <i>Command Parameter(s) :</i> N DH017180 Sub-Type DH019180 Packet-ID DH020180 Subsch. ID : 10 Det. descr. : Disable Generation of Telemetry Packets	DC902180	TC	
19		Enable, then disable, HK ID 104 (Diag CCUB MON2)		Next Step: 20	
	ET=+ UT=+00.00.01	Execute Telecommand EnableTmGen <i>Command Parameter(s) :</i> N DH017180 Sub-Type DH019180 Packet-ID DH020180 Subsch. ID : 10 Det. descr. : Enable Generation of Telemetry Packets	DC900180	TC	
	ET=+ UT=+00.00.16	Execute Telecommand DisableTmGen <i>Command Parameter(s) :</i> N DH017180 Sub-Type DH019180 Packet-ID DH020180 Subsch. ID : 10 Det. descr. : Disable Generation of Telemetry Packets	DC902180	TC	
20		Enable, then disable, HK ID 64 (Periodic P1)		Next Step: 21	
	ET=+ UT=+00.00.01	Execute Telecommand EnableTmGen <i>Command Parameter(s) :</i> N DH017180 Sub-Type DH019180 Packet-ID DH020180 Subsch. ID : 10 Det. descr. : Enable Generation of Telemetry Packets	DC900180	TC	

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Step No.	Time	Activity/Remarks	TC/TLM	Display/ Branch	AIT Comment
	ET=+ UT=+00.00.04	Execute Telecommand DisableTmGen Command Parameter(s) : N DH017180 Sub-Type DH019180 Packet-ID DH020180 Subsch. ID : 10 Det. descr. : Disable Generation of Telemetry Packets	DC902180	TC	
21		Enable, then disable, HK ID 65 (Periodic P4)		Next Step: 22	
	ET=+ UT=+00.00.01	Execute Telecommand EnableTmGen Command Parameter(s) : N DH017180 Sub-Type DH019180 Packet-ID DH020180 Subsch. ID : 10 Det. descr. : Enable Generation of Telemetry Packets	DC900180	TC	
	ET=+ UT=+00.00.09	Execute Telecommand DisableTmGen Command Parameter(s) : N DH017180 Sub-Type DH019180 Packet-ID DH020180 Subsch. ID : 10 Det. descr. : Disable Generation of Telemetry Packets	DC902180	TC	
22		Enable, then disable, HK ID 106 (Diag ASW2)		Next Step: 23	
	ET=+ UT=+00.00.01	Execute Telecommand EnableTmGen Command Parameter(s) : N DH017180 Sub-Type DH019180 Packet-ID DH020180 Subsch. ID : 10 Det. descr. : Enable Generation of Telemetry Packets	DC900180	TC	
	ET=+ UT=+00.00.16	Execute Telecommand DisableTmGen Command Parameter(s) : N DH017180 Sub-Type DH019180 Packet-ID DH020180 Subsch. ID : 10 Det. descr. : Disable Generation of Telemetry Packets	DC902180	TC	

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Step No.	Time	Activity/Remarks	TC/TLM	Display/ Branch	AIT Comment
23		Enable, then disable, HK ID 64 (Periodic P1)		Next Step: 24	
	ET=+ UT=+00.00.01	Execute Telecommand EnableTmGen <i>Command Parameter(s) :</i> N DH017180 Sub-Type DH019180 Packet-ID DH020180 Subsch. ID : 10 Det. descr. : Enable Generation of Telemetry Packets	DC900180	TC	
	ET=+ UT=+00.00.04	Execute Telecommand DisableTmGen <i>Command Parameter(s) :</i> N DH017180 Sub-Type DH019180 Packet-ID DH020180 Subsch. ID : 10 Det. descr. : Disable Generation of Telemetry Packets	DC902180	TC	
24		Enable, then disable, HK ID 65 (Periodic P4)		Next Step: 25	
	ET=+ UT=+00.00.01	Execute Telecommand EnableTmGen <i>Command Parameter(s) :</i> N DH017180 Sub-Type DH019180 Packet-ID DH020180 Subsch. ID : 10 Det. descr. : Enable Generation of Telemetry Packets	DC900180	TC	
	ET=+ UT=+00.00.09	Execute Telecommand DisableTmGen <i>Command Parameter(s) :</i> N DH017180 Sub-Type DH019180 Packet-ID DH020180 Subsch. ID : 10 Det. descr. : Disable Generation of Telemetry Packets	DC902180	TC	
25		Enable, then disable, HK ID 64 (Periodic P1)		Next Step: 26	
	ET=+ UT=+00.00.01	Execute Telecommand EnableTmGen <i>Command Parameter(s) :</i> N DH017180 Sub-Type DH019180 Packet-ID DH020180 Subsch. ID : 10 Det. descr. : Enable Generation of Telemetry Packets	DC900180	TC	

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Step No.	Time	Activity/Remarks	TC/TLM	Display/ Branch	AIT Comment
	ET=+ UT=+00.00.04	Execute Telecommand DisableTmGen Command Parameter(s) : N DH017180 Sub-Type DH019180 Packet-ID DH020180 Subsch. ID : 10 Det. descr. : Disable Generation of Telemetry Packets	DC902180	TC	
26		Enable, then disable, HK ID 65 (Periodic P4)		Next Step: 27	
	ET=+ UT=+00.00.01	Execute Telecommand EnableTmGen Command Parameter(s) : N DH017180 Sub-Type DH019180 Packet-ID DH020180 Subsch. ID : 10 Det. descr. : Enable Generation of Telemetry Packets	DC900180	TC	
	ET=+ UT=+00.00.09	Execute Telecommand DisableTmGen Command Parameter(s) : N DH017180 Sub-Type DH019180 Packet-ID DH020180 Subsch. ID : 10 Det. descr. : Disable Generation of Telemetry Packets	DC902180	TC	
27		Enable, then disable, HK ID 64 (Periodic P1)		Next Step: 28	
	ET=+ UT=+00.00.01	Execute Telecommand EnableTmGen Command Parameter(s) : N DH017180 Sub-Type DH019180 Packet-ID DH020180 Subsch. ID : 10 Det. descr. : Enable Generation of Telemetry Packets	DC900180	TC	
	ET=+ UT=+00.00.04	Execute Telecommand DisableTmGen Command Parameter(s) : N DH017180 Sub-Type DH019180 Packet-ID DH020180 Subsch. ID : 10 Det. descr. : Disable Generation of Telemetry Packets	DC902180	TC	

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Step No.	Time	Activity/Remarks	TC/TLM	Display/ Branch	AIT Comment
28		Enable, then disable, HK ID 64 (Periodic P1)		Next Step: 29	
	ET=+ UT=+00.00.01	Execute Telecommand EnableTmGen <i>Command Parameter(s) :</i> N DH017180 Sub-Type DH019180 Packet-ID DH020180 Subsch. ID : 10 Det. descr. : Enable Generation of Telemetry Packets	DC900180	TC	
	ET=+ UT=+00.00.04	Execute Telecommand DisableTmGen <i>Command Parameter(s) :</i> N DH017180 Sub-Type DH019180 Packet-ID DH020180 Subsch. ID : 10 Det. descr. : Disable Generation of Telemetry Packets	DC902180	TC	
29		Enable, then disable, HK ID 65 (Periodic P4)		Next Step: 30	
	ET=+ UT=+00.00.01	Execute Telecommand EnableTmGen <i>Command Parameter(s) :</i> N DH017180 Sub-Type DH019180 Packet-ID DH020180 Subsch. ID : 10 Det. descr. : Enable Generation of Telemetry Packets	DC900180	TC	
	ET=+ UT=+00.00.09	Execute Telecommand DisableTmGen <i>Command Parameter(s) :</i> N DH017180 Sub-Type DH019180 Packet-ID DH020180 Subsch. ID : 10 Det. descr. : Disable Generation of Telemetry Packets	DC902180	TC	
30		Enable, then disable, HK ID 64 (Periodic P1)		Next Step: 31	
	ET=+ UT=+00.00.01	Execute Telecommand EnableTmGen <i>Command Parameter(s) :</i> N DH017180 Sub-Type DH019180 Packet-ID DH020180 Subsch. ID : 10 Det. descr. : Enable Generation of Telemetry Packets	DC900180	TC	

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Step No.	Time	Activity/Remarks	TC/TLM	Display/ Branch	AIT Comment
33		Enable, then disable, HK ID 65 (Periodic P4)		Next Step: 34	
	ET=+ UT=+00.00.01	Execute Telecommand EnableTmGen <i>Command Parameter(s) :</i> N DH017180 Sub-Type DH019180 Packet-ID DH020180 Subsch. ID : 10 Det. descr. : Enable Generation of Telemetry Packets	DC900180	TC	
	ET=+ UT=+00.00.09	Execute Telecommand DisableTmGen <i>Command Parameter(s) :</i> N DH017180 Sub-Type DH019180 Packet-ID DH020180 Subsch. ID : 10 Det. descr. : Disable Generation of Telemetry Packets	DC902180	TC	
34		Enable, then disable, HK ID 97 (Diag BSW2)		Next Step: 35	
	ET=+ UT=+00.00.01	Execute Telecommand EnableTmGen <i>Command Parameter(s) :</i> N DH017180 Sub-Type DH019180 Packet-ID DH020180 Subsch. ID : 10 Det. descr. : Enable Generation of Telemetry Packets	DC900180	TC	
	ET=+ UT=+00.00.16	Execute Telecommand DisableTmGen <i>Command Parameter(s) :</i> N DH017180 Sub-Type DH019180 Packet-ID DH020180 Subsch. ID : 10 Det. descr. : Disable Generation of Telemetry Packets	DC902180	TC	
35		Enable, then disable, HK ID 64 (Periodic P1)		Next Step: 36	
	ET=+ UT=+00.00.01	Execute Telecommand EnableTmGen <i>Command Parameter(s) :</i> N DH017180 Sub-Type DH019180 Packet-ID DH020180 Subsch. ID : 10 Det. descr. : Enable Generation of Telemetry Packets	DC900180	TC	

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Step No.	Time	Activity/Remarks	TC/TLM	Display/ Branch	AIT Comment
38		Enable, then disable, HK ID 64 (Periodic P1)		Next Step: 39	
	ET=+ UT=+00.00.01	Execute Telecommand EnableTmGen <i>Command Parameter(s) :</i> N DH017180 Sub-Type DH019180 Packet-ID DH020180 Subsch. ID : 10 Det. descr. : Enable Generation of Telemetry Packets	DC900180	TC	
	ET=+ UT=+00.00.04	Execute Telecommand DisableTmGen <i>Command Parameter(s) :</i> N DH017180 Sub-Type DH019180 Packet-ID DH020180 Subsch. ID : 10 Det. descr. : Disable Generation of Telemetry Packets	DC902180	TC	
39		Enable, then disable, HK ID 65 (Periodic P4)		Next Step: 40	
	ET=+ UT=+00.00.01	Execute Telecommand EnableTmGen <i>Command Parameter(s) :</i> N DH017180 Sub-Type DH019180 Packet-ID DH020180 Subsch. ID : 10 Det. descr. : Enable Generation of Telemetry Packets	DC900180	TC	
	ET=+ UT=+00.00.09	Execute Telecommand DisableTmGen <i>Command Parameter(s) :</i> N DH017180 Sub-Type DH019180 Packet-ID DH020180 Subsch. ID : 10 Det. descr. : Disable Generation of Telemetry Packets	DC902180	TC	
40		Enable, then disable, HK ID 102 (Diag CUA MON 2)		Next Step: 41	
	ET=+ UT=+00.00.01	Execute Telecommand EnableTmGen <i>Command Parameter(s) :</i> N DH017180 Sub-Type DH019180 Packet-ID DH020180 Subsch. ID : 10 Det. descr. : Enable Generation of Telemetry Packets	DC900180	TC	

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Step No.	Time	Activity/Remarks	TC/TLM	Display/ Branch	AIT Comment
	ET=+ UT=+00.00.16	Execute Telecommand DisableTmGen Command Parameter(s) : N DH017180 Sub-Type DH019180 Packet-ID DH020180 Subsch. ID : 10 Det. descr. : Disable Generation of Telemetry Packets	DC902180	TC	
41		Enable, then disable, HK ID 64 (Periodic P1)		Next Step: 42	
	ET=+ UT=+00.00.01	Execute Telecommand EnableTmGen Command Parameter(s) : N DH017180 Sub-Type DH019180 Packet-ID DH020180 Subsch. ID : 10 Det. descr. : Enable Generation of Telemetry Packets	DC900180	TC	
	ET=+ UT=+00.00.04	Execute Telecommand DisableTmGen Command Parameter(s) : N DH017180 Sub-Type DH019180 Packet-ID DH020180 Subsch. ID : 10 Det. descr. : Disable Generation of Telemetry Packets	DC902180	TC	
42		Enable, then disable, HK ID 65 (Periodic P4)		Next Step: 43	
	ET=+ UT=+00.00.01	Execute Telecommand EnableTmGen Command Parameter(s) : N DH017180 Sub-Type DH019180 Packet-ID DH020180 Subsch. ID : 10 Det. descr. : Enable Generation of Telemetry Packets	DC900180	TC	
	ET=+ UT=+00.00.09	Execute Telecommand DisableTmGen Command Parameter(s) : N DH017180 Sub-Type DH019180 Packet-ID DH020180 Subsch. ID : 10 Det. descr. : Disable Generation of Telemetry Packets	DC902180	TC	

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43		Enable, then disable, HK ID 104 (Diag CCUB MON2)		Next Step: 44	
	ET=+ UT=+00.00.01	Execute Telecommand EnableTmGen Command Parameter(s) : N DH017180 Sub-Type DH019180 Packet-ID DH020180 Subsch. ID : 10 Det. descr. : Enable Generation of Telemetry Packets	DC900180	TC	
	ET=+ UT=+00.00.16	Execute Telecommand DisableTmGen Command Parameter(s) : N DH017180 Sub-Type DH019180 Packet-ID DH020180 Subsch. ID : 10 Det. descr. : Disable Generation of Telemetry Packets	DC902180	TC	
44		Enable, then disable, HK ID 64 (Periodic P1)		Next Step: 45	
	ET=+ UT=+00.00.01	Execute Telecommand EnableTmGen Command Parameter(s) : N DH017180 Sub-Type DH019180 Packet-ID DH020180 Subsch. ID : 10 Det. descr. : Enable Generation of Telemetry Packets	DC900180	TC	
	ET=+ UT=+00.00.04	Execute Telecommand DisableTmGen Command Parameter(s) : N DH017180 Sub-Type DH019180 Packet-ID DH020180 Subsch. ID : 10 Det. descr. : Disable Generation of Telemetry Packets	DC902180	TC	
45		Enable, then disable, HK ID 65 (Periodic P4)		Next Step: 46	
	ET=+ UT=+00.00.01	Execute Telecommand EnableTmGen Command Parameter(s) : N DH017180 Sub-Type DH019180 Packet-ID DH020180 Subsch. ID : 10 Det. descr. : Enable Generation of Telemetry Packets	DC900180	TC	

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Step No.	Time	Activity/Remarks	TC/TLM	Display/ Branch	AIT Comment
	ET=+ UT=+00.00.09	Execute Telecommand DisableTmGen Command Parameter(s) : N DH017180 Sub-Type DH019180 Packet-ID DH020180 Subsch. ID : 10 Det. descr. : Disable Generation of Telemetry Packets	DC902180	TC	
46		Enable, then disable, HK ID 106 (Diag ASW2)		Next Step: 47	
	ET=+ UT=+00.00.01	Execute Telecommand EnableTmGen Command Parameter(s) : N DH017180 Sub-Type DH019180 Packet-ID DH020180 Subsch. ID : 10 Det. descr. : Enable Generation of Telemetry Packets	DC900180	TC	
	ET=+ UT=+00.00.16	Execute Telecommand DisableTmGen Command Parameter(s) : N DH017180 Sub-Type DH019180 Packet-ID DH020180 Subsch. ID : 10 Det. descr. : Disable Generation of Telemetry Packets	DC902180	TC	
47		Enable, then disable, HK ID 64 (Periodic P1)		Next Step: 48	
	ET=+ UT=+00.00.01	Execute Telecommand EnableTmGen Command Parameter(s) : N DH017180 Sub-Type DH019180 Packet-ID DH020180 Subsch. ID : 10 Det. descr. : Enable Generation of Telemetry Packets	DC900180	TC	
	ET=+ UT=+00.00.04	Execute Telecommand DisableTmGen Command Parameter(s) : N DH017180 Sub-Type DH019180 Packet-ID DH020180 Subsch. ID : 10 Det. descr. : Disable Generation of Telemetry Packets	DC902180	TC	

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Step No.	Time	Activity/Remarks	TC/TLM	Display/ Branch	AIT Comment
48		Enable, then disable, HK ID 65 (Periodic P4)		Next Step: 49	
	ET=+ UT=+00.00.01	Execute Telecommand EnableTmGen <i>Command Parameter(s) :</i> N DH017180 Sub-Type DH019180 Packet-ID DH020180 Subsch. ID : 10 Det. descr. : Enable Generation of Telemetry Packets	DC900180	TC	
	ET=+ UT=+00.00.09	Execute Telecommand DisableTmGen <i>Command Parameter(s) :</i> N DH017180 Sub-Type DH019180 Packet-ID DH020180 Subsch. ID : 10 Det. descr. : Disable Generation of Telemetry Packets	DC902180	TC	
49		Enable, then disable, HK ID 64 (Periodic P1)		Next Step: 50	
	ET=+ UT=+00.00.01	Execute Telecommand EnableTmGen <i>Command Parameter(s) :</i> N DH017180 Sub-Type DH019180 Packet-ID DH020180 Subsch. ID : 10 Det. descr. : Enable Generation of Telemetry Packets	DC900180	TC	
	ET=+ UT=+00.00.04	Execute Telecommand DisableTmGen <i>Command Parameter(s) :</i> N DH017180 Sub-Type DH019180 Packet-ID DH020180 Subsch. ID : 10 Det. descr. : Disable Generation of Telemetry Packets	DC902180	TC	
50		Enable, then disable, HK ID 65 (Periodic P4)		Next Step: 51	
	ET=+ UT=+00.00.01	Execute Telecommand EnableTmGen <i>Command Parameter(s) :</i> N DH017180 Sub-Type DH019180 Packet-ID DH020180 Subsch. ID : 10 Det. descr. : Enable Generation of Telemetry Packets	DC900180	TC	

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Step No.	Time	Activity/Remarks	TC/TLM	Display/ Branch	AIT Comment
	ET=+ UT=+00.00.09	Execute Telecommand DisableTmGen Command Parameter(s) : N DH017180 Sub-Type DH019180 Packet-ID DH020180 Subsch. ID : 10 Det. descr. : Disable Generation of Telemetry Packets	DC902180	TC	
51		Enable, then disable, HK ID 64 (Periodic P1)		Next Step: 52	
		Execute Telecommand EnableTmGen Command Parameter(s) : N DH017180 Sub-Type DH019180 Packet-ID DH020180 TC Control Flags : GBM IL DSE --Y -- --- Subsch. ID : 10 Det. descr. : Enable Generation of Telemetry Packets	DC900180	TC	
	ET=+ UT=+00.00.04	Execute Telecommand DisableTmGen Command Parameter(s) : N DH017180 Sub-Type DH019180 Packet-ID DH020180 Subsch. ID : 10 Det. descr. : Disable Generation of Telemetry Packets	DC902180	TC	
52		Enable, then disable, HK ID 65 (Periodic P4)		Next Step: 53	
	ET=+ UT=+00.00.01	Execute Telecommand EnableTmGen Command Parameter(s) : N DH017180 Sub-Type DH019180 Packet-ID DH020180 Subsch. ID : 10 Det. descr. : Enable Generation of Telemetry Packets	DC900180	TC	
	ET=+ UT=+00.00.09	Execute Telecommand DisableTmGen Command Parameter(s) : N DH017180 Sub-Type DH019180 Packet-ID DH020180 Subsch. ID : 10 Det. descr. : Disable Generation of Telemetry Packets	DC902180	TC	

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Step No.	Time	Activity/Remarks	TC/TLM	Display/ Branch	AIT Comment
53		Enable, then disable, HK ID 64 (Periodic P1)		Next Step: 54	
	ET=+ UT=+00.00.01	Execute Telecommand EnableTmGen <i>Command Parameter(s) :</i> N DH017180 Sub-Type DH019180 Packet-ID DH020180 Subsch. ID : 10 Det. descr. : Enable Generation of Telemetry Packets	DC900180	TC	
	ET=+ UT=+00.00.04	Execute Telecommand DisableTmGen <i>Command Parameter(s) :</i> N DH017180 Sub-Type DH019180 Packet-ID DH020180 Subsch. ID : 10 Det. descr. : Disable Generation of Telemetry Packets	DC902180	TC	
54		Enable, then disable, HK ID 96 (Diag BSW1)		Next Step: 55	
	ET=+ UT=+00.00.01	Execute Telecommand EnableTmGen <i>Command Parameter(s) :</i> N DH017180 Sub-Type DH019180 Packet-ID DH020180 Subsch. ID : 10 Det. descr. : Enable Generation of Telemetry Packets	DC900180	TC	
	ET=+ UT=+00.00.16	Execute Telecommand DisableTmGen <i>Command Parameter(s) :</i> N DH017180 Sub-Type DH019180 Packet-ID DH020180 Subsch. ID : 10 Det. descr. : Disable Generation of Telemetry Packets	DC902180	TC	
55		Enable, then disable, HK ID 64 (Periodic P1)		Next Step: 56	
	ET=+ UT=+00.00.01	Execute Telecommand EnableTmGen <i>Command Parameter(s) :</i> N DH017180 Sub-Type DH019180 Packet-ID DH020180 Subsch. ID : 10 Det. descr. : Enable Generation of Telemetry Packets	DC900180	TC	

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Step No.	Time	Activity/Remarks	TC/TLM	Display/ Branch	AIT Comment
58		Enable, then disable, HK ID 64 (Periodic P1)		Next Step: 59	
	ET=+ UT=+00.00.01	Execute Telecommand EnableTmGen <i>Command Parameter(s) :</i> N DH017180 Sub-Type DH019180 Packet-ID DH020180 Subsch. ID : 10 Det. descr. : Enable Generation of Telemetry Packets	DC900180	TC	
	ET=+ UT=+00.00.04	Execute Telecommand DisableTmGen <i>Command Parameter(s) :</i> N DH017180 Sub-Type DH019180 Packet-ID DH020180 Subsch. ID : 10 Det. descr. : Disable Generation of Telemetry Packets	DC902180	TC	
59		Enable, then disable, HK ID 65 (Periodic P4)		Next Step: 60	
	ET=+ UT=+00.00.01	Execute Telecommand EnableTmGen <i>Command Parameter(s) :</i> N DH017180 Sub-Type DH019180 Packet-ID DH020180 Subsch. ID : 10 Det. descr. : Enable Generation of Telemetry Packets	DC900180	TC	
	ET=+ UT=+00.00.09	Execute Telecommand DisableTmGen <i>Command Parameter(s) :</i> N DH017180 Sub-Type DH019180 Packet-ID DH020180 Subsch. ID : 10 Det. descr. : Disable Generation of Telemetry Packets	DC902180	TC	
60		Enable, then disable, HK ID 98 (Diag BSW3)		Next Step: 61	
	ET=+ UT=+00.00.01	Execute Telecommand EnableTmGen <i>Command Parameter(s) :</i> N DH017180 Sub-Type DH019180 Packet-ID DH020180 Subsch. ID : 10 Det. descr. : Enable Generation of Telemetry Packets	DC900180	TC	

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Step No.	Time	Activity/Remarks	TC/TLM	Display/ Branch	AIT Comment
	ET=+ UT=+00.00.16	Execute Telecommand DisableTmGen Command Parameter(s) : N DH017180 Sub-Type DH019180 Packet-ID DH020180 Subsch. ID : 10 Det. descr. : Disable Generation of Telemetry Packets	DC902180	TC	
61		Enable, then disable, HK ID 64 (Periodic P1)		Next Step: 62	
	ET=+ UT=+00.00.01	Execute Telecommand EnableTmGen Command Parameter(s) : N DH017180 Sub-Type DH019180 Packet-ID DH020180 Subsch. ID : 10 Det. descr. : Enable Generation of Telemetry Packets	DC900180	TC	
	ET=+ UT=+00.00.04	Execute Telecommand DisableTmGen Command Parameter(s) : N DH017180 Sub-Type DH019180 Packet-ID DH020180 Subsch. ID : 10 Det. descr. : Disable Generation of Telemetry Packets	DC902180	TC	
62		Enable, then disable, HK ID 65 (Periodic P4)		Next Step: 63	
	ET=+ UT=+00.00.01	Execute Telecommand EnableTmGen Command Parameter(s) : N DH017180 Sub-Type DH019180 Packet-ID DH020180 Subsch. ID : 10 Det. descr. : Enable Generation of Telemetry Packets	DC900180	TC	
	ET=+ UT=+00.00.09	Execute Telecommand DisableTmGen Command Parameter(s) : N DH017180 Sub-Type DH019180 Packet-ID DH020180 Subsch. ID : 10 Det. descr. : Disable Generation of Telemetry Packets	DC902180	TC	

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Step No.	Time	Activity/Remarks	TC/TLM	Display/ Branch	AIT Comment
63		Enable, then disable, HK ID 102 (Diag CUA MON 2)		Next Step: 64	
	ET=+ UT=+00.00.01	Execute Telecommand EnableTmGen <i>Command Parameter(s) :</i> N DH017180 Sub-Type DH019180 Packet-ID DH020180 Subsch. ID : 10 Det. descr. : Enable Generation of Telemetry Packets	DC900180	TC	
	ET=+ UT=+00.00.16	Execute Telecommand DisableTmGen <i>Command Parameter(s) :</i> N DH017180 Sub-Type DH019180 Packet-ID DH020180 Subsch. ID : 10 Det. descr. : Disable Generation of Telemetry Packets	DC902180	TC	
64		Enable, then disable, HK ID 64 (Periodic P1)		Next Step: 65	
	ET=+ UT=+00.00.01	Execute Telecommand EnableTmGen <i>Command Parameter(s) :</i> N DH017180 Sub-Type DH019180 Packet-ID DH020180 Subsch. ID : 10 Det. descr. : Enable Generation of Telemetry Packets	DC900180	TC	
	ET=+ UT=+00.00.04	Execute Telecommand DisableTmGen <i>Command Parameter(s) :</i> N DH017180 Sub-Type DH019180 Packet-ID DH020180 Subsch. ID : 10 Det. descr. : Disable Generation of Telemetry Packets	DC902180	TC	
65		Enable, then disable, HK ID 65 (Periodic P4)		Next Step: 66	
	ET=+ UT=+00.00.01	Execute Telecommand EnableTmGen <i>Command Parameter(s) :</i> N DH017180 Sub-Type DH019180 Packet-ID DH020180 Subsch. ID : 10 Det. descr. : Enable Generation of Telemetry Packets	DC900180	TC	

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Step No.	Time	Activity/Remarks	TC/TLM	Display/ Branch	AIT Comment
	ET=+ UT=+00.00.09	Execute Telecommand DisableTmGen Command Parameter(s) : N DH017180 Sub-Type DH019180 Packet-ID DH020180 Subsch. ID : 10 Det. descr. : Disable Generation of Telemetry Packets	DC902180	TC	
66		Enable, then disable, HK ID 104 (Diag CCUB MON2)		Next Step: 67	
	ET=+ UT=+00.00.01	Execute Telecommand EnableTmGen Command Parameter(s) : N DH017180 Sub-Type DH019180 Packet-ID DH020180 Subsch. ID : 10 Det. descr. : Enable Generation of Telemetry Packets	DC900180	TC	
	ET=+ UT=+00.00.16	Execute Telecommand DisableTmGen Command Parameter(s) : N DH017180 Sub-Type DH019180 Packet-ID DH020180 Subsch. ID : 10 Det. descr. : Disable Generation of Telemetry Packets	DC902180	TC	
67		Enable, then disable, HK ID 64 (Periodic P1)		Next Step: 68	
	ET=+ UT=+00.00.01	Execute Telecommand EnableTmGen Command Parameter(s) : N DH017180 Sub-Type DH019180 Packet-ID DH020180 Subsch. ID : 10 Det. descr. : Enable Generation of Telemetry Packets	DC900180	TC	
	ET=+ UT=+00.00.04	Execute Telecommand DisableTmGen Command Parameter(s) : N DH017180 Sub-Type DH019180 Packet-ID DH020180 Subsch. ID : 10 Det. descr. : Disable Generation of Telemetry Packets	DC902180	TC	

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Step No.	Time	Activity/Remarks	TC/TLM	Display/ Branch	AIT Comment
68		Enable, then disable, HK ID 65 (Periodic P4)		Next Step: 69	
	ET+= UT+=00.00.01	Execute Telecommand EnableTmGen <i>Command Parameter(s) :</i> N DH017180 Sub-Type DH019180 Packet-ID DH020180 Subsch. ID : 10 Det. descr. : Enable Generation of Telemetry Packets	DC900180	TC	
	ET+= UT+=00.00.09	Execute Telecommand DisableTmGen <i>Command Parameter(s) :</i> N DH017180 Sub-Type DH019180 Packet-ID DH020180 Subsch. ID : 10 Det. descr. : Disable Generation of Telemetry Packets	DC902180	TC	
69		Enable, then disable, HK ID 106 (Diag ASW2)		Next Step: 70	
	ET+= UT+=00.00.01	Execute Telecommand EnableTmGen <i>Command Parameter(s) :</i> N DH017180 Sub-Type DH019180 Packet-ID DH020180 Subsch. ID : 10 Det. descr. : Enable Generation of Telemetry Packets	DC900180	TC	
	ET+= UT+=00.00.16	Execute Telecommand DisableTmGen <i>Command Parameter(s) :</i> N DH017180 Sub-Type DH019180 Packet-ID DH020180 Subsch. ID : 10 Det. descr. : Disable Generation of Telemetry Packets	DC902180	TC	
70		Enable, then disable, HK ID 64 (Periodic P1)		Next Step: 71	
	ET+= UT+=00.00.01	Execute Telecommand EnableTmGen <i>Command Parameter(s) :</i> N DH017180 Sub-Type DH019180 Packet-ID DH020180 Subsch. ID : 10 Det. descr. : Enable Generation of Telemetry Packets	DC900180	TC	

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Step No.	Time	Activity/Remarks	TC/TLM	Display/ Branch	AIT Comment
73		Enable, then disable, HK ID 65 (Periodic P4)		Next Step: 74	
	ET=+ UT=+00.00.01	Execute Telecommand EnableTmGen <i>Command Parameter(s) :</i> N DH017180 Sub-Type DH019180 Packet-ID DH020180 Subsch. ID : 10 Det. descr. : Enable Generation of Telemetry Packets	DC900180	TC	
	ET=+ UT=+00.00.09	Execute Telecommand DisableTmGen <i>Command Parameter(s) :</i> N DH017180 Sub-Type DH019180 Packet-ID DH020180 Subsch. ID : 10 Det. descr. : Disable Generation of Telemetry Packets	DC902180	TC	
74		Enable, then disable, HK ID 64 (Periodic P1)		Next Step: 75	
	ET=+ UT=+00.00.01	Execute Telecommand EnableTmGen <i>Command Parameter(s) :</i> N DH017180 Sub-Type DH019180 Packet-ID DH020180 Subsch. ID : 10 Det. descr. : Enable Generation of Telemetry Packets	DC900180	TC	
	ET=+ UT=+00.00.04	Execute Telecommand DisableTmGen <i>Command Parameter(s) :</i> N DH017180 Sub-Type DH019180 Packet-ID DH020180 Subsch. ID : 10 Det. descr. : Disable Generation of Telemetry Packets	DC902180	TC	
75		Enable, then disable, HK ID 64 (Periodic P1)		Next Step: 76	
	ET=+ UT=+00.00.01	Execute Telecommand EnableTmGen <i>Command Parameter(s) :</i> N DH017180 Sub-Type DH019180 Packet-ID DH020180 Subsch. ID : 10 Det. descr. : Enable Generation of Telemetry Packets	DC900180	TC	

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Step No.	Time	Activity/Remarks	TC/TLM	Display/ Branch	AIT Comment
	ET=+ UT=+00.00.04	Execute Telecommand DisableTmGen Command Parameter(s) : N DH017180 Sub-Type DH019180 Packet-ID DH020180 Subsch. ID : 10 Det. descr. : Disable Generation of Telemetry Packets	DC902180	TC	
76		Enable, then disable, HK ID 65 (Periodic P4)		Next Step: 77	
	ET=+ UT=+00.00.01	Execute Telecommand EnableTmGen Command Parameter(s) : N DH017180 Sub-Type DH019180 Packet-ID DH020180 Subsch. ID : 10 Det. descr. : Enable Generation of Telemetry Packets	DC900180	TC	
	ET=+ UT=+00.00.09	Execute Telecommand DisableTmGen Command Parameter(s) : N DH017180 Sub-Type DH019180 Packet-ID DH020180 Subsch. ID : 10 Det. descr. : Disable Generation of Telemetry Packets	DC902180	TC	
77		Enable, then disable, HK ID 64 (Periodic P1)		Next Step: 78	
	ET=+ UT=+00.00.01	Execute Telecommand EnableTmGen Command Parameter(s) : N DH017180 Sub-Type DH019180 Packet-ID DH020180 Subsch. ID : 10 Det. descr. : Enable Generation of Telemetry Packets	DC900180	TC	
	ET=+ UT=+00.00.04	Execute Telecommand DisableTmGen Command Parameter(s) : N DH017180 Sub-Type DH019180 Packet-ID DH020180 Subsch. ID : 10 Det. descr. : Disable Generation of Telemetry Packets	DC902180	TC	

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Step No.	Time	Activity/Remarks	TC/TLM	Display/ Branch	AIT Comment
78		Enable, then disable, HK ID 96 (Diag BSW1)		Next Step: 79	
	ET=+ UT=+00.00.01	Execute Telecommand EnableTmGen <i>Command Parameter(s) :</i> N DH017180 Sub-Type DH019180 Packet-ID DH020180 Subsch. ID : 10 Det. descr. : Enable Generation of Telemetry Packets	DC900180	TC	
	ET=+ UT=+00.00.16	Execute Telecommand DisableTmGen <i>Command Parameter(s) :</i> N DH017180 Sub-Type DH019180 Packet-ID DH020180 Subsch. ID : 10 Det. descr. : Disable Generation of Telemetry Packets	DC902180	TC	
79		Enable, then disable, HK ID 64 (Periodic P1)		Next Step: 80	
	ET=+ UT=+00.00.01	Execute Telecommand EnableTmGen <i>Command Parameter(s) :</i> N DH017180 Sub-Type DH019180 Packet-ID DH020180 Subsch. ID : 10 Det. descr. : Enable Generation of Telemetry Packets	DC900180	TC	
	ET=+ UT=+00.00.04	Execute Telecommand DisableTmGen <i>Command Parameter(s) :</i> N DH017180 Sub-Type DH019180 Packet-ID DH020180 Subsch. ID : 10 Det. descr. : Disable Generation of Telemetry Packets	DC902180	TC	
80		Enable, then disable, HK ID 65 (Periodic P4)		Next Step: 81	
	ET=+ UT=+00.00.01	Execute Telecommand EnableTmGen <i>Command Parameter(s) :</i> N DH017180 Sub-Type DH019180 Packet-ID DH020180 Subsch. ID : 10 Det. descr. : Enable Generation of Telemetry Packets	DC900180	TC	

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Step No.	Time	Activity/Remarks	TC/TLM	Display/ Branch	AIT Comment
	ET=+ UT=+00.00.09	Execute Telecommand DisableTmGen Command Parameter(s) : N DH017180 Sub-Type DH019180 Packet-ID DH020180 Subsch. ID : 10 Det. descr. : Disable Generation of Telemetry Packets	DC902180	TC	
81		Enable, then disable, HK ID 97 (Diag BSW2)		Next Step: 82	
	ET=+ UT=+00.00.01	Execute Telecommand EnableTmGen Command Parameter(s) : N DH017180 Sub-Type DH019180 Packet-ID DH020180 Subsch. ID : 10 Det. descr. : Enable Generation of Telemetry Packets	DC900180	TC	
	ET=+ UT=+00.00.16	Execute Telecommand DisableTmGen Command Parameter(s) : N DH017180 Sub-Type DH019180 Packet-ID DH020180 Subsch. ID : 10 Det. descr. : Disable Generation of Telemetry Packets	DC902180	TC	
82		Enable, then disable, HK ID 64 (Periodic P1)		Next Step: 83	
	ET=+ UT=+00.00.01	Execute Telecommand EnableTmGen Command Parameter(s) : N DH017180 Sub-Type DH019180 Packet-ID DH020180 Subsch. ID : 10 Det. descr. : Enable Generation of Telemetry Packets	DC900180	TC	
	ET=+ UT=+00.00.04	Execute Telecommand DisableTmGen Command Parameter(s) : N DH017180 Sub-Type DH019180 Packet-ID DH020180 Subsch. ID : 10 Det. descr. : Disable Generation of Telemetry Packets	DC902180	TC	

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Step No.	Time	Activity/Remarks	TC/TLM	Display/ Branch	AIT Comment
83		Enable, then disable, HK ID 65 (Periodic P4)		Next Step: 84	
	ET=+ UT=+00.00.01	Execute Telecommand EnableTmGen <i>Command Parameter(s) :</i> N DH017180 Sub-Type DH019180 Packet-ID DH020180 Subsch. ID : 10 Det. descr. : Enable Generation of Telemetry Packets	DC900180	TC	
	ET=+ UT=+00.00.09	Execute Telecommand DisableTmGen <i>Command Parameter(s) :</i> N DH017180 Sub-Type DH019180 Packet-ID DH020180 Subsch. ID : 10 Det. descr. : Disable Generation of Telemetry Packets	DC902180	TC	
84		Enable, then disable, HK ID 98 (Diag BSW3)		Next Step: 85	
	ET=+ UT=+00.00.01	Execute Telecommand EnableTmGen <i>Command Parameter(s) :</i> N DH017180 Sub-Type DH019180 Packet-ID DH020180 Subsch. ID : 10 Det. descr. : Enable Generation of Telemetry Packets	DC900180	TC	
	ET=+ UT=+00.00.16	Execute Telecommand DisableTmGen <i>Command Parameter(s) :</i> N DH017180 Sub-Type DH019180 Packet-ID DH020180 Subsch. ID : 10 Det. descr. : Disable Generation of Telemetry Packets	DC902180	TC	
85		Enable, then disable, HK ID 64 (Periodic P1)		Next Step: 86	
	ET=+ UT=+00.00.01	Execute Telecommand EnableTmGen <i>Command Parameter(s) :</i> N DH017180 Sub-Type DH019180 Packet-ID DH020180 Subsch. ID : 10 Det. descr. : Enable Generation of Telemetry Packets	DC900180	TC	

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Step No.	Time	Activity/Remarks	TC/TLM	Display/ Branch	AIT Comment
88		Enable, then disable, HK ID 64 (Periodic P1)		Next Step: 89	
	ET=+ UT=+00.00.01	Execute Telecommand EnableTmGen <i>Command Parameter(s) :</i> N DH017180 Sub-Type DH019180 Packet-ID DH020180 <i>Subsch. ID : 10</i> <i>Det. descr. : Enable Generation of Telemetry Packets</i>	DC900180	TC	
	ET=+ UT=+00.00.04	Execute Telecommand DisableTmGen <i>Command Parameter(s) :</i> N DH017180 Sub-Type DH019180 Packet-ID DH020180 <i>Subsch. ID : 10</i> <i>Det. descr. : Disable Generation of Telemetry Packets</i>	DC902180	TC	
89		Enable, then disable, HK ID 65 (Periodic P4)		Next Step: 90	
	ET=+ UT=+00.00.01	Execute Telecommand EnableTmGen <i>Command Parameter(s) :</i> N DH017180 Sub-Type DH019180 Packet-ID DH020180 <i>Subsch. ID : 10</i> <i>Det. descr. : Enable Generation of Telemetry Packets</i>	DC900180	TC	
	ET=+ UT=+00.00.09	Execute Telecommand DisableTmGen <i>Command Parameter(s) :</i> N DH017180 Sub-Type DH019180 Packet-ID DH020180 <i>Subsch. ID : 10</i> <i>Det. descr. : Disable Generation of Telemetry Packets</i>	DC902180	TC	
90		Enable, then disable, HK ID 104 (Diag CCUB MON2)		Next Step: 91	
	ET=+ UT=+00.00.01	Execute Telecommand EnableTmGen <i>Command Parameter(s) :</i> N DH017180 Sub-Type DH019180 Packet-ID DH020180 <i>Subsch. ID : 10</i> <i>Det. descr. : Enable Generation of Telemetry Packets</i>	DC900180	TC	

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Step No.	Time	Activity/Remarks	TC/TLM	Display/ Branch	AIT Comment
	ET=+ UT=+00.00.16	Execute Telecommand DisableTmGen Command Parameter(s) : N DH017180 Sub-Type DH019180 Packet-ID DH020180 Subsch. ID : 10 Det. descr. : Disable Generation of Telemetry Packets	DC902180	TC	
91		Enable, then disable, HK ID 64 (Periodic P1)		Next Step: 92	
	ET=+ UT=+00.00.01	Execute Telecommand EnableTmGen Command Parameter(s) : N DH017180 Sub-Type DH019180 Packet-ID DH020180 Subsch. ID : 10 Det. descr. : Enable Generation of Telemetry Packets	DC900180	TC	
	ET=+ UT=+00.00.04	Execute Telecommand DisableTmGen Command Parameter(s) : N DH017180 Sub-Type DH019180 Packet-ID DH020180 Subsch. ID : 10 Det. descr. : Disable Generation of Telemetry Packets	DC902180	TC	
92		Enable, then disable, HK ID 65 (Periodic P4)		Next Step: 93	
	ET=+ UT=+00.00.01	Execute Telecommand EnableTmGen Command Parameter(s) : N DH017180 Sub-Type DH019180 Packet-ID DH020180 Subsch. ID : 10 Det. descr. : Enable Generation of Telemetry Packets	DC900180	TC	
	ET=+ UT=+00.00.09	Execute Telecommand DisableTmGen Command Parameter(s) : N DH017180 Sub-Type DH019180 Packet-ID DH020180 Subsch. ID : 10 Det. descr. : Disable Generation of Telemetry Packets	DC902180	TC	

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Step No.	Time	Activity/Remarks	TC/TLM	Display/ Branch	AIT Comment
93		Enable, then disable, HK ID 106 (Diag ASW2)		Next Step: 94	
	ET+= UT+=00.00.01	Execute Telecommand EnableTmGen <i>Command Parameter(s) :</i> N DH017180 Sub-Type DH019180 Packet-ID DH020180 Subsch. ID : 10 Det. descr. : Enable Generation of Telemetry Packets	DC900180	TC	
	ET+= UT+=00.00.16	Execute Telecommand DisableTmGen <i>Command Parameter(s) :</i> N DH017180 Sub-Type DH019180 Packet-ID DH020180 Subsch. ID : 10 Det. descr. : Disable Generation of Telemetry Packets	DC902180	TC	
94		Enable, then disable, HK ID 64 (Periodic P1)		Next Step: 95	
	ET+= UT+=00.00.01	Execute Telecommand EnableTmGen <i>Command Parameter(s) :</i> N DH017180 Sub-Type DH019180 Packet-ID DH020180 Subsch. ID : 10 Det. descr. : Enable Generation of Telemetry Packets	DC900180	TC	
	ET+= UT+=00.00.04	Execute Telecommand DisableTmGen <i>Command Parameter(s) :</i> N DH017180 Sub-Type DH019180 Packet-ID DH020180 Subsch. ID : 10 Det. descr. : Disable Generation of Telemetry Packets	DC902180	TC	
95		Enable, then disable, HK ID 65 (Periodic P4)		Next Step: 96	
	ET+= UT+=00.00.01	Execute Telecommand EnableTmGen <i>Command Parameter(s) :</i> N DH017180 Sub-Type DH019180 Packet-ID DH020180 Subsch. ID : 10 Det. descr. : Enable Generation of Telemetry Packets	DC900180	TC	

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Step No.	Time	Activity/Remarks	TC/TLM	Display/ Branch	AIT Comment
	ET=+ UT=+00.00.09	Execute Telecommand DisableTmGen Command Parameter(s) : N DH017180 Sub-Type DH019180 Packet-ID DH020180 Subsch. ID : 10 Det. descr. : Disable Generation of Telemetry Packets	DC902180	TC	
96		Enable, then disable, HK ID 64 (Periodic P1)		Next Step: 97	
	ET=+ UT=+00.00.01	Execute Telecommand EnableTmGen Command Parameter(s) : N DH017180 Sub-Type DH019180 Packet-ID DH020180 Subsch. ID : 10 Det. descr. : Enable Generation of Telemetry Packets	DC900180	TC	
	ET=+ UT=+00.00.04	Execute Telecommand DisableTmGen Command Parameter(s) : N DH017180 Sub-Type DH019180 Packet-ID DH020180 Subsch. ID : 10 Det. descr. : Disable Generation of Telemetry Packets	DC902180	TC	
97		Enable, then disable, HK ID 65 (Periodic P4)		Next Step: 98	
	ET=+ UT=+00.00.01	Execute Telecommand EnableTmGen Command Parameter(s) : N DH017180 Sub-Type DH019180 Packet-ID DH020180 Subsch. ID : 10 Det. descr. : Enable Generation of Telemetry Packets	DC900180	TC	
	ET=+ UT=+00.00.09	Execute Telecommand DisableTmGen Command Parameter(s) : N DH017180 Sub-Type DH019180 Packet-ID DH020180 Subsch. ID : 10 Det. descr. : Disable Generation of Telemetry Packets	DC902180	TC	

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Step No.	Time	Activity/Remarks	TC/TLM	Display/ Branch	AIT Comment
98		Enable, then disable, HK ID 64 (Periodic P1)		Next Step: 99	
		Execute Telecommand EnableTmGen Command Parameter(s) : N DH017180 Sub-Type DH019180 Packet-ID DH020180 TC Control Flags : GBM IL DSE --Y -- --- Subsch. ID : 10 Det. descr. : Enable Generation of Telemetry Packets	DC900180	TC	
	ET=+ UT=+00.00.04	Execute Telecommand DisableTmGen Command Parameter(s) : N DH017180 Sub-Type DH019180 Packet-ID DH020180 Subsch. ID : 10 Det. descr. : Disable Generation of Telemetry Packets	DC902180	TC	
99		Enable, then disable, HK ID 65 (Periodic P4)		Next Step: 100	
	ET=+ UT=+00.00.01	Execute Telecommand EnableTmGen Command Parameter(s) : N DH017180 Sub-Type DH019180 Packet-ID DH020180 Subsch. ID : 10 Det. descr. : Enable Generation of Telemetry Packets	DC900180	TC	
	ET=+ UT=+00.00.09	Execute Telecommand DisableTmGen Command Parameter(s) : N DH017180 Sub-Type DH019180 Packet-ID DH020180 Subsch. ID : 10 Det. descr. : Disable Generation of Telemetry Packets	DC902180	TC	
100		Enable, then disable, HK ID 64 (Periodic P1)		Next Step: 101	

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Step No.	Time	Activity/Remarks	TC/TLM	Display/ Branch	AIT Comment
	ET=+ UT=+00.00.01	Execute Telecommand EnableTmGen <i>Command Parameter(s) :</i> N DH017180 Sub-Type DH019180 Packet-ID DH020180 Subsch. ID : 10 Det. descr. : Enable Generation of Telemetry Packets	DC900180	TC	
	ET=+ UT=+00.00.04	Execute Telecommand DisableTmGen <i>Command Parameter(s) :</i> N DH017180 Sub-Type DH019180 Packet-ID DH020180 Subsch. ID : 10 Det. descr. : Disable Generation of Telemetry Packets	DC902180	TC	
101		Enable, then disable, HK ID 96 (Diag BSW1)		Next Step: 102	
	ET=+ UT=+00.00.01	Execute Telecommand EnableTmGen <i>Command Parameter(s) :</i> N DH017180 Sub-Type DH019180 Packet-ID DH020180 Subsch. ID : 10 Det. descr. : Enable Generation of Telemetry Packets	DC900180	TC	
	ET=+ UT=+00.00.16	Execute Telecommand DisableTmGen <i>Command Parameter(s) :</i> N DH017180 Sub-Type DH019180 Packet-ID DH020180 Subsch. ID : 10 Det. descr. : Disable Generation of Telemetry Packets	DC902180	TC	
102		Enable, then disable, HK ID 64 (Periodic P1)		Next Step: 103	
	ET=+ UT=+00.00.01	Execute Telecommand EnableTmGen <i>Command Parameter(s) :</i> N DH017180 Sub-Type DH019180 Packet-ID DH020180 Subsch. ID : 10 Det. descr. : Enable Generation of Telemetry Packets	DC900180	TC	

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Step No.	Time	Activity/Remarks	TC/TLM	Display/ Branch	AIT Comment
	ET=+ UT=+00.00.04	Execute Telecommand DisableTmGen Command Parameter(s) : N DH017180 Sub-Type DH019180 Packet-ID DH020180 Subsch. ID : 10 Det. descr. : Disable Generation of Telemetry Packets	DC902180	TC	
103		Enable, then disable, HK ID 65 (Periodic P4)		Next Step: 104	
	ET=+ UT=+00.00.01	Execute Telecommand EnableTmGen Command Parameter(s) : N DH017180 Sub-Type DH019180 Packet-ID DH020180 Subsch. ID : 10 Det. descr. : Enable Generation of Telemetry Packets	DC900180	TC	
	ET=+ UT=+00.00.09	Execute Telecommand DisableTmGen Command Parameter(s) : N DH017180 Sub-Type DH019180 Packet-ID DH020180 Subsch. ID : 10 Det. descr. : Disable Generation of Telemetry Packets	DC902180	TC	
104		Enable, then disable, HK ID 97 (Diag BSW2)		Next Step: 105	
	ET=+ UT=+00.00.01	Execute Telecommand EnableTmGen Command Parameter(s) : N DH017180 Sub-Type DH019180 Packet-ID DH020180 Subsch. ID : 10 Det. descr. : Enable Generation of Telemetry Packets	DC900180	TC	
	ET=+ UT=+00.00.16	Execute Telecommand DisableTmGen Command Parameter(s) : N DH017180 Sub-Type DH019180 Packet-ID DH020180 Subsch. ID : 10 Det. descr. : Disable Generation of Telemetry Packets	DC902180	TC	

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Step No.	Time	Activity/Remarks	TC/TLM	Display/ Branch	AIT Comment
105		Enable, then disable, HK ID 64 (Periodic P1)		Next Step: 106	
	ET=+ UT=+00.00.01	Execute Telecommand EnableTmGen <i>Command Parameter(s) :</i> N DH017180 Sub-Type DH019180 Packet-ID DH020180 Subsch. ID : 10 Det. descr. : Enable Generation of Telemetry Packets	DC900180	TC	
	ET=+ UT=+00.00.04	Execute Telecommand DisableTmGen <i>Command Parameter(s) :</i> N DH017180 Sub-Type DH019180 Packet-ID DH020180 Subsch. ID : 10 Det. descr. : Disable Generation of Telemetry Packets	DC902180	TC	
106		Enable, then disable, HK ID 65 (Periodic P4)		Next Step: 107	
	ET=+ UT=+00.00.01	Execute Telecommand EnableTmGen <i>Command Parameter(s) :</i> N DH017180 Sub-Type DH019180 Packet-ID DH020180 Subsch. ID : 10 Det. descr. : Enable Generation of Telemetry Packets	DC900180	TC	
	ET=+ UT=+00.00.09	Execute Telecommand DisableTmGen <i>Command Parameter(s) :</i> N DH017180 Sub-Type DH019180 Packet-ID DH020180 Subsch. ID : 10 Det. descr. : Disable Generation of Telemetry Packets	DC902180	TC	
107		Enable, then disable, HK ID 98 (Diag BSW3)		Next Step: 108	
	ET=+ UT=+00.00.01	Execute Telecommand EnableTmGen <i>Command Parameter(s) :</i> N DH017180 Sub-Type DH019180 Packet-ID DH020180 Subsch. ID : 10 Det. descr. : Enable Generation of Telemetry Packets	DC900180	TC	

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Step No.	Time	Activity/Remarks	TC/TLM	Display/ Branch	AIT Comment
	ET=+ UT=+00.00.16	Execute Telecommand DisableTmGen Command Parameter(s) : N DH017180 Sub-Type DH019180 Packet-ID DH020180 Subsch. ID : 10 Det. descr. : Disable Generation of Telemetry Packets	DC902180	TC	
108		Enable, then disable, HK ID 64 (Periodic P1)		Next Step: 109	
	ET=+ UT=+00.00.01	Execute Telecommand EnableTmGen Command Parameter(s) : N DH017180 Sub-Type DH019180 Packet-ID DH020180 Subsch. ID : 10 Det. descr. : Enable Generation of Telemetry Packets	DC900180	TC	
	ET=+ UT=+00.00.04	Execute Telecommand DisableTmGen Command Parameter(s) : N DH017180 Sub-Type DH019180 Packet-ID DH020180 Subsch. ID : 10 Det. descr. : Disable Generation of Telemetry Packets	DC902180	TC	
109		Enable, then disable, HK ID 65 (Periodic P4)		Next Step: 110	
	ET=+ UT=+00.00.01	Execute Telecommand EnableTmGen Command Parameter(s) : N DH017180 Sub-Type DH019180 Packet-ID DH020180 Subsch. ID : 10 Det. descr. : Enable Generation of Telemetry Packets	DC900180	TC	
	ET=+ UT=+00.00.09	Execute Telecommand DisableTmGen Command Parameter(s) : N DH017180 Sub-Type DH019180 Packet-ID DH020180 Subsch. ID : 10 Det. descr. : Disable Generation of Telemetry Packets	DC902180	TC	

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Step No.	Time	Activity/Remarks	TC/TLM	Display/ Branch	AIT Comment
110		Enable, then disable, HK ID 102 (Diag CUA MON 2)		Next Step: 111	
	ET=+ UT=+00.00.01	Execute Telecommand EnableTmGen Command Parameter(s) : N DH017180 Sub-Type DH019180 Packet-ID DH020180 Subsch. ID : 10 Det. descr. : Enable Generation of Telemetry Packets	DC900180	TC	
	ET=+ UT=+00.00.16	Execute Telecommand DisableTmGen Command Parameter(s) : N DH017180 Sub-Type DH019180 Packet-ID DH020180 Subsch. ID : 10 Det. descr. : Disable Generation of Telemetry Packets	DC902180	TC	
111		Enable, then disable, HK ID 64 (Periodic P1)		Next Step: 112	
	ET=+ UT=+00.00.01	Execute Telecommand EnableTmGen Command Parameter(s) : N DH017180 Sub-Type DH019180 Packet-ID DH020180 Subsch. ID : 10 Det. descr. : Enable Generation of Telemetry Packets	DC900180	TC	
	ET=+ UT=+00.00.04	Execute Telecommand DisableTmGen Command Parameter(s) : N DH017180 Sub-Type DH019180 Packet-ID DH020180 Subsch. ID : 10 Det. descr. : Disable Generation of Telemetry Packets	DC902180	TC	
112		Enable, then disable, HK ID 65 (Periodic P4)		Next Step: 113	
	ET=+ UT=+00.00.01	Execute Telecommand EnableTmGen Command Parameter(s) : N DH017180 Sub-Type DH019180 Packet-ID DH020180 Subsch. ID : 10 Det. descr. : Enable Generation of Telemetry Packets	DC900180	TC	

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Step No.	Time	Activity/Remarks	TC/TLM	Display/ Branch	AIT Comment
115		Enable, then disable, HK ID 65 (Periodic P4)		Next Step: 116	
	ET=+ UT=+00.00.01	Execute Telecommand EnableTmGen <i>Command Parameter(s) :</i> N DH017180 Sub-Type DH019180 Packet-ID DH020180 Subsch. ID : 10 Det. descr. : Enable Generation of Telemetry Packets	DC900180	TC	
	ET=+ UT=+00.00.09	Execute Telecommand DisableTmGen <i>Command Parameter(s) :</i> N DH017180 Sub-Type DH019180 Packet-ID DH020180 Subsch. ID : 10 Det. descr. : Disable Generation of Telemetry Packets	DC902180	TC	
116		Enable, then disable, HK ID 106 (Diag ASW2)		Next Step: 117	
	ET=+ UT=+00.00.01	Execute Telecommand EnableTmGen <i>Command Parameter(s) :</i> N DH017180 Sub-Type DH019180 Packet-ID DH020180 Subsch. ID : 10 Det. descr. : Enable Generation of Telemetry Packets	DC900180	TC	
	ET=+ UT=+00.00.16	Execute Telecommand DisableTmGen <i>Command Parameter(s) :</i> N DH017180 Sub-Type DH019180 Packet-ID DH020180 Subsch. ID : 10 Det. descr. : Disable Generation of Telemetry Packets	DC902180	TC	
117		Enable, then disable, HK ID 64 (Periodic P1)		Next Step: 118	
	ET=+ UT=+00.00.01	Execute Telecommand EnableTmGen <i>Command Parameter(s) :</i> N DH017180 Sub-Type DH019180 Packet-ID DH020180 Subsch. ID : 10 Det. descr. : Enable Generation of Telemetry Packets	DC900180	TC	

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Step No.	Time	Activity/Remarks	TC/TLM	Display/ Branch	AIT Comment
	ET=+ UT=+00.00.04	Execute Telecommand DisableTmGen Command Parameter(s) : N DH017180 Sub-Type DH019180 Packet-ID DH020180 Subsch. ID : 10 Det. descr. : Disable Generation of Telemetry Packets	DC902180	TC	
118		Enable, then disable, HK ID 65 (Periodic P4)		Next Step: 119	
	ET=+ UT=+00.00.01	Execute Telecommand EnableTmGen Command Parameter(s) : N DH017180 Sub-Type DH019180 Packet-ID DH020180 Subsch. ID : 10 Det. descr. : Enable Generation of Telemetry Packets	DC900180	TC	
	ET=+ UT=+00.00.09	Execute Telecommand DisableTmGen Command Parameter(s) : N DH017180 Sub-Type DH019180 Packet-ID DH020180 Subsch. ID : 10 Det. descr. : Disable Generation of Telemetry Packets	DC902180	TC	
119		Enable, then disable, HK ID 64 (Periodic P1)		Next Step: 120	
	ET=+ UT=+00.00.01	Execute Telecommand EnableTmGen Command Parameter(s) : N DH017180 Sub-Type DH019180 Packet-ID DH020180 Subsch. ID : 10 Det. descr. : Enable Generation of Telemetry Packets	DC900180	TC	
	ET=+ UT=+00.00.04	Execute Telecommand DisableTmGen Command Parameter(s) : N DH017180 Sub-Type DH019180 Packet-ID DH020180 Subsch. ID : 10 Det. descr. : Disable Generation of Telemetry Packets	DC902180	TC	

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Step No.	Time	Activity/Remarks	TC/TLM	Display/ Branch	AIT Comment
120		Enable, then disable, HK ID 65 (Periodic P4)		Next Step: 121	
	ET=+ UT=+00.00.01	Execute Telecommand EnableTmGen <i>Command Parameter(s) :</i> N DH017180 Sub-Type DH019180 Packet-ID DH020180 Subsch. ID : 10 Det. descr. : Enable Generation of Telemetry Packets	DC900180	TC	
	ET=+ UT=+00.00.09	Execute Telecommand DisableTmGen <i>Command Parameter(s) :</i> N DH017180 Sub-Type DH019180 Packet-ID DH020180 Subsch. ID : 10 Det. descr. : Disable Generation of Telemetry Packets	DC902180	TC	
121		Enable, then disable, HK ID 64 (Periodic P1)		Next Step: 122	
	ET=+ UT=+00.00.01	Execute Telecommand EnableTmGen <i>Command Parameter(s) :</i> N DH017180 Sub-Type DH019180 Packet-ID DH020180 Subsch. ID : 10 Det. descr. : Enable Generation of Telemetry Packets	DC900180	TC	
	ET=+ UT=+00.00.04	Execute Telecommand DisableTmGen <i>Command Parameter(s) :</i> N DH017180 Sub-Type DH019180 Packet-ID DH020180 Subsch. ID : 10 Det. descr. : Disable Generation of Telemetry Packets	DC902180	TC	
122		Enable, then disable, HK ID 64 (Periodic P1)		Next Step: 123	
	ET=+ UT=+00.00.01	Execute Telecommand EnableTmGen <i>Command Parameter(s) :</i> N DH017180 Sub-Type DH019180 Packet-ID DH020180 Subsch. ID : 10 Det. descr. : Enable Generation of Telemetry Packets	DC900180	TC	

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Step No.	Time	Activity/Remarks	TC/TLM	Display/ Branch	AIT Comment
	ET=+ UT=+00.00.04	Execute Telecommand DisableTmGen Command Parameter(s) : N DH017180 Sub-Type DH019180 Packet-ID DH020180 Subsch. ID : 10 Det. descr. : Disable Generation of Telemetry Packets	DC902180	TC	
123		Enable, then disable, HK ID 65 (Periodic P4)		Next Step: 124	
	ET=+ UT=+00.00.01	Execute Telecommand EnableTmGen Command Parameter(s) : N DH017180 Sub-Type DH019180 Packet-ID DH020180 Subsch. ID : 10 Det. descr. : Enable Generation of Telemetry Packets	DC900180	TC	
	ET=+ UT=+00.00.09	Execute Telecommand DisableTmGen Command Parameter(s) : N DH017180 Sub-Type DH019180 Packet-ID DH020180 Subsch. ID : 10 Det. descr. : Disable Generation of Telemetry Packets	DC902180	TC	
124		Enable, then disable, HK ID 64 (Periodic P1)		Next Step: 125	
	ET=+ UT=+00.00.01	Execute Telecommand EnableTmGen Command Parameter(s) : N DH017180 Sub-Type DH019180 Packet-ID DH020180 Subsch. ID : 10 Det. descr. : Enable Generation of Telemetry Packets	DC900180	TC	
	ET=+ UT=+00.00.04	Execute Telecommand DisableTmGen Command Parameter(s) : N DH017180 Sub-Type DH019180 Packet-ID DH020180 Subsch. ID : 10 Det. descr. : Disable Generation of Telemetry Packets	DC902180	TC	

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Step No.	Time	Activity/Remarks	TC/TLM	Display/ Branch	AIT Comment
125		Enable, then disable, HK ID 96 (Diag BSW1)		Next Step: 126	
	ET=+ UT=+00.00.01	Execute Telecommand EnableTmGen <i>Command Parameter(s) :</i> N DH017180 Sub-Type DH019180 Packet-ID DH020180 Subsch. ID : 10 Det. descr. : Enable Generation of Telemetry Packets	DC900180	TC	
	ET=+ UT=+00.00.16	Execute Telecommand DisableTmGen <i>Command Parameter(s) :</i> N DH017180 Sub-Type DH019180 Packet-ID DH020180 Subsch. ID : 10 Det. descr. : Disable Generation of Telemetry Packets	DC902180	TC	
126		Enable, then disable, HK ID 64 (Periodic P1)		Next Step: 127	
	ET=+ UT=+00.00.01	Execute Telecommand EnableTmGen <i>Command Parameter(s) :</i> N DH017180 Sub-Type DH019180 Packet-ID DH020180 Subsch. ID : 10 Det. descr. : Enable Generation of Telemetry Packets	DC900180	TC	
	ET=+ UT=+00.00.04	Execute Telecommand DisableTmGen <i>Command Parameter(s) :</i> N DH017180 Sub-Type DH019180 Packet-ID DH020180 Subsch. ID : 10 Det. descr. : Disable Generation of Telemetry Packets	DC902180	TC	
127		Enable, then disable, HK ID 65 (Periodic P4)		Next Step: 128	
	ET=+ UT=+00.00.01	Execute Telecommand EnableTmGen <i>Command Parameter(s) :</i> N DH017180 Sub-Type DH019180 Packet-ID DH020180 Subsch. ID : 10 Det. descr. : Enable Generation of Telemetry Packets	DC900180	TC	

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Step No.	Time	Activity/Remarks	TC/TLM	Display/ Branch	AIT Comment
	ET=+ UT=+00.00.09	Execute Telecommand DisableTmGen Command Parameter(s) : N DH017180 Sub-Type DH019180 Packet-ID DH020180 Subsch. ID : 10 Det. descr. : Disable Generation of Telemetry Packets	DC902180	TC	
128		Enable, then disable, HK ID 97 (Diag BSW2)		Next Step: 129	
	ET=+ UT=+00.00.01	Execute Telecommand EnableTmGen Command Parameter(s) : N DH017180 Sub-Type DH019180 Packet-ID DH020180 Subsch. ID : 10 Det. descr. : Enable Generation of Telemetry Packets	DC900180	TC	
	ET=+ UT=+00.00.16	Execute Telecommand DisableTmGen Command Parameter(s) : N DH017180 Sub-Type DH019180 Packet-ID DH020180 Subsch. ID : 10 Det. descr. : Disable Generation of Telemetry Packets	DC902180	TC	
129		Enable, then disable, HK ID 64 (Periodic P1)		Next Step: 130	
	ET=+ UT=+00.00.01	Execute Telecommand EnableTmGen Command Parameter(s) : N DH017180 Sub-Type DH019180 Packet-ID DH020180 Subsch. ID : 10 Det. descr. : Enable Generation of Telemetry Packets	DC900180	TC	
	ET=+ UT=+00.00.04	Execute Telecommand DisableTmGen Command Parameter(s) : N DH017180 Sub-Type DH019180 Packet-ID DH020180 Subsch. ID : 10 Det. descr. : Disable Generation of Telemetry Packets	DC902180	TC	

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Step No.	Time	Activity/Remarks	TC/TLM	Display/ Branch	AIT Comment
130		Enable, then disable, HK ID 65 (Periodic P4)		Next Step: 131	
	ET=+ UT=+00.00.01	Execute Telecommand EnableTmGen <i>Command Parameter(s) :</i> N DH017180 Sub-Type DH019180 Packet-ID DH020180 Subsch. ID : 10 Det. descr. : Enable Generation of Telemetry Packets	DC900180	TC	
	ET=+ UT=+00.00.09	Execute Telecommand DisableTmGen <i>Command Parameter(s) :</i> N DH017180 Sub-Type DH019180 Packet-ID DH020180 Subsch. ID : 10 Det. descr. : Disable Generation of Telemetry Packets	DC902180	TC	
131		Enable, then disable, HK ID 98 (Diag BSW3)		Next Step: 132	
	ET=+ UT=+00.00.01	Execute Telecommand EnableTmGen <i>Command Parameter(s) :</i> N DH017180 Sub-Type DH019180 Packet-ID DH020180 Subsch. ID : 10 Det. descr. : Enable Generation of Telemetry Packets	DC900180	TC	
	ET=+ UT=+00.00.16	Execute Telecommand DisableTmGen <i>Command Parameter(s) :</i> N DH017180 Sub-Type DH019180 Packet-ID DH020180 Subsch. ID : 10 Det. descr. : Disable Generation of Telemetry Packets	DC902180	TC	
132		Enable, then disable, HK ID 64 (Periodic P1)		Next Step: 133	
	ET=+ UT=+00.00.01	Execute Telecommand EnableTmGen <i>Command Parameter(s) :</i> N DH017180 Sub-Type DH019180 Packet-ID DH020180 Subsch. ID : 10 Det. descr. : Enable Generation of Telemetry Packets	DC900180	TC	

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Step No.	Time	Activity/Remarks	TC/TLM	Display/ Branch	AIT Comment
135		Enable, then disable, HK ID 64 (Periodic P1)		Next Step: 136	
	ET=+ UT=+00.00.01	Execute Telecommand EnableTmGen <i>Command Parameter(s) :</i> N DH017180 Sub-Type DH019180 Packet-ID DH020180 Subsch. ID : 10 Det. descr. : Enable Generation of Telemetry Packets	DC900180	TC	
	ET=+ UT=+00.00.04	Execute Telecommand DisableTmGen <i>Command Parameter(s) :</i> N DH017180 Sub-Type DH019180 Packet-ID DH020180 Subsch. ID : 10 Det. descr. : Disable Generation of Telemetry Packets	DC902180	TC	
136		Enable, then disable, HK ID 65 (Periodic P4)		Next Step: 137	
	ET=+ UT=+00.00.01	Execute Telecommand EnableTmGen <i>Command Parameter(s) :</i> N DH017180 Sub-Type DH019180 Packet-ID DH020180 Subsch. ID : 10 Det. descr. : Enable Generation of Telemetry Packets	DC900180	TC	
	ET=+ UT=+00.00.09	Execute Telecommand DisableTmGen <i>Command Parameter(s) :</i> N DH017180 Sub-Type DH019180 Packet-ID DH020180 Subsch. ID : 10 Det. descr. : Disable Generation of Telemetry Packets	DC902180	TC	
137		Enable, then disable, HK ID 104 (Diag CCUB MON2)		Next Step: 138	
	ET=+ UT=+00.00.01	Execute Telecommand EnableTmGen <i>Command Parameter(s) :</i> N DH017180 Sub-Type DH019180 Packet-ID DH020180 Subsch. ID : 10 Det. descr. : Enable Generation of Telemetry Packets	DC900180	TC	

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Step No.	Time	Activity/Remarks	TC/TLM	Display/ Branch	AIT Comment
140		Enable, then disable, HK ID 106 (Diag ASW2)		Next Step: 141	
	ET=+ UT=+00.00.01	Execute Telecommand EnableTmGen <i>Command Parameter(s) :</i> N DH017180 Sub-Type DH019180 Packet-ID DH020180 Subsch. ID : 10 Det. descr. : Enable Generation of Telemetry Packets	DC900180	TC	
	ET=+ UT=+00.00.16	Execute Telecommand DisableTmGen <i>Command Parameter(s) :</i> N DH017180 Sub-Type DH019180 Packet-ID DH020180 Subsch. ID : 10 Det. descr. : Disable Generation of Telemetry Packets	DC902180	TC	
141		Enable, then disable, HK ID 64 (Periodic P1)		Next Step: 142	
	ET=+ UT=+00.00.01	Execute Telecommand EnableTmGen <i>Command Parameter(s) :</i> N DH017180 Sub-Type DH019180 Packet-ID DH020180 Subsch. ID : 10 Det. descr. : Enable Generation of Telemetry Packets	DC900180	TC	
	ET=+ UT=+00.00.04	Execute Telecommand DisableTmGen <i>Command Parameter(s) :</i> N DH017180 Sub-Type DH019180 Packet-ID DH020180 Subsch. ID : 10 Det. descr. : Disable Generation of Telemetry Packets	DC902180	TC	
142		Enable, then disable, HK ID 65 (Periodic P4)		Next Step: 143	
	ET=+ UT=+00.00.01	Execute Telecommand EnableTmGen <i>Command Parameter(s) :</i> N DH017180 Sub-Type DH019180 Packet-ID DH020180 Subsch. ID : 10 Det. descr. : Enable Generation of Telemetry Packets	DC900180	TC	

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Step No.	Time	Activity/Remarks	TC/TLM	Display/ Branch	AIT Comment
	ET=+ UT=+00.00.09	Execute Telecommand DisableTmGen Command Parameter(s) : N DH017180 Sub-Type DH019180 Packet-ID DH020180 Subsch. ID : 10 Det. descr. : Disable Generation of Telemetry Packets	DC902180	TC	
143		Enable, then disable, HK ID 64 (Periodic P1)		Next Step: 144	
	ET=+ UT=+00.00.01	Execute Telecommand EnableTmGen Command Parameter(s) : N DH017180 Sub-Type DH019180 Packet-ID DH020180 Subsch. ID : 10 Det. descr. : Enable Generation of Telemetry Packets	DC900180	TC	
	ET=+ UT=+00.00.04	Execute Telecommand DisableTmGen Command Parameter(s) : N DH017180 Sub-Type DH019180 Packet-ID DH020180 Subsch. ID : 10 Det. descr. : Disable Generation of Telemetry Packets	DC902180	TC	
144		Enable, then disable, HK ID 65 (Periodic P4)		Next Step: 145	
	ET=+ UT=+00.00.01	Execute Telecommand EnableTmGen Command Parameter(s) : N DH017180 Sub-Type DH019180 Packet-ID DH020180 Subsch. ID : 10 Det. descr. : Enable Generation of Telemetry Packets	DC900180	TC	
	ET=+ UT=+00.00.09	Execute Telecommand DisableTmGen Command Parameter(s) : N DH017180 Sub-Type DH019180 Packet-ID DH020180 Subsch. ID : 10 Det. descr. : Disable Generation of Telemetry Packets	DC902180	TC	

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Step No.	Time	Activity/Remarks	TC/TLM	Display/ Branch	AIT Comment
145		Enable, then disable, HK ID 64 (Periodic P1)		Next Step: 146	
		Execute Telecommand EnableTmGen Command Parameter(s) : N DH017180 Sub-Type DH019180 Packet-ID DH020180 TC Control Flags : GBM IL DSE --Y -- --- Subsch. ID : 10 Det. descr. : Enable Generation of Telemetry Packets	DC900180	TC	
	ET=+ UT=+00.00.04	Execute Telecommand DisableTmGen Command Parameter(s) : N DH017180 Sub-Type DH019180 Packet-ID DH020180 Subsch. ID : 10 Det. descr. : Disable Generation of Telemetry Packets	DC902180	TC	
146		Enable, then disable, HK ID 65 (Periodic P4)		Next Step: 147	
	ET=+ UT=+00.00.01	Execute Telecommand EnableTmGen Command Parameter(s) : N DH017180 Sub-Type DH019180 Packet-ID DH020180 Subsch. ID : 10 Det. descr. : Enable Generation of Telemetry Packets	DC900180	TC	
	ET=+ UT=+00.00.09	Execute Telecommand DisableTmGen Command Parameter(s) : N DH017180 Sub-Type DH019180 Packet-ID DH020180 Subsch. ID : 10 Det. descr. : Disable Generation of Telemetry Packets	DC902180	TC	
147		Enable, then disable, HK ID 64 (Periodic P1)		Next Step: 148	

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Step No.	Time	Activity/Remarks	TC/TLM	Display/ Branch	AIT Comment
	ET=+ UT=+00.00.04	Execute Telecommand DisableTmGen Command Parameter(s) : N DH017180 Sub-Type DH019180 Packet-ID DH020180 Subsch. ID : 10 Det. descr. : Disable Generation of Telemetry Packets	DC902180	TC	
150		Enable, then disable, HK ID 65 (Periodic P4)		Next Step: 151	
	ET=+ UT=+00.00.01	Execute Telecommand EnableTmGen Command Parameter(s) : N DH017180 Sub-Type DH019180 Packet-ID DH020180 Subsch. ID : 10 Det. descr. : Enable Generation of Telemetry Packets	DC900180	TC	
	ET=+ UT=+00.00.09	Execute Telecommand DisableTmGen Command Parameter(s) : N DH017180 Sub-Type DH019180 Packet-ID DH020180 Subsch. ID : 10 Det. descr. : Disable Generation of Telemetry Packets	DC902180	TC	
151		Enable, then disable, HK ID 97 (Diag BSW2)		Next Step: 152	
	ET=+ UT=+00.00.01	Execute Telecommand EnableTmGen Command Parameter(s) : N DH017180 Sub-Type DH019180 Packet-ID DH020180 Subsch. ID : 10 Det. descr. : Enable Generation of Telemetry Packets	DC900180	TC	
	ET=+ UT=+00.00.16	Execute Telecommand DisableTmGen Command Parameter(s) : N DH017180 Sub-Type DH019180 Packet-ID DH020180 Subsch. ID : 10 Det. descr. : Disable Generation of Telemetry Packets	DC902180	TC	

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Step No.	Time	Activity/Remarks	TC/TLM	Display/ Branch	AIT Comment
152		Enable, then disable, HK ID 64 (Periodic P1)		Next Step: 153	
	ET=+ UT=+00.00.01	Execute Telecommand EnableTmGen <i>Command Parameter(s) :</i> N DH017180 Sub-Type DH019180 Packet-ID DH020180 Subsch. ID : 10 Det. descr. : Enable Generation of Telemetry Packets	DC900180	TC	
	ET=+ UT=+00.00.04	Execute Telecommand DisableTmGen <i>Command Parameter(s) :</i> N DH017180 Sub-Type DH019180 Packet-ID DH020180 Subsch. ID : 10 Det. descr. : Disable Generation of Telemetry Packets	DC902180	TC	
153		Enable, then disable, HK ID 65 (Periodic P4)		Next Step: 154	
	ET=+ UT=+00.00.01	Execute Telecommand EnableTmGen <i>Command Parameter(s) :</i> N DH017180 Sub-Type DH019180 Packet-ID DH020180 Subsch. ID : 10 Det. descr. : Enable Generation of Telemetry Packets	DC900180	TC	
	ET=+ UT=+00.00.09	Execute Telecommand DisableTmGen <i>Command Parameter(s) :</i> N DH017180 Sub-Type DH019180 Packet-ID DH020180 Subsch. ID : 10 Det. descr. : Disable Generation of Telemetry Packets	DC902180	TC	
154		Enable, then disable, HK ID 98 (Diag BSW3)		Next Step: 155	
	ET=+ UT=+00.00.01	Execute Telecommand EnableTmGen <i>Command Parameter(s) :</i> N DH017180 Sub-Type DH019180 Packet-ID DH020180 Subsch. ID : 10 Det. descr. : Enable Generation of Telemetry Packets	DC900180	TC	

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Step No.	Time	Activity/Remarks	TC/TLM	Display/ Branch	AIT Comment
	ET=+ UT=+00.00.16	Execute Telecommand DisableTmGen Command Parameter(s) : N DH017180 Sub-Type DH019180 Packet-ID DH020180 Subsch. ID : 10 Det. descr. : Disable Generation of Telemetry Packets	DC902180	TC	
155		Enable, then disable, HK ID 64 (Periodic P1)		Next Step: 156	
	ET=+ UT=+00.00.01	Execute Telecommand EnableTmGen Command Parameter(s) : N DH017180 Sub-Type DH019180 Packet-ID DH020180 Subsch. ID : 10 Det. descr. : Enable Generation of Telemetry Packets	DC900180	TC	
	ET=+ UT=+00.00.04	Execute Telecommand DisableTmGen Command Parameter(s) : N DH017180 Sub-Type DH019180 Packet-ID DH020180 Subsch. ID : 10 Det. descr. : Disable Generation of Telemetry Packets	DC902180	TC	
156		Enable, then disable, HK ID 65 (Periodic P4)		Next Step: 157	
	ET=+ UT=+00.00.01	Execute Telecommand EnableTmGen Command Parameter(s) : N DH017180 Sub-Type DH019180 Packet-ID DH020180 Subsch. ID : 10 Det. descr. : Enable Generation of Telemetry Packets	DC900180	TC	
	ET=+ UT=+00.00.09	Execute Telecommand DisableTmGen Command Parameter(s) : N DH017180 Sub-Type DH019180 Packet-ID DH020180 Subsch. ID : 10 Det. descr. : Disable Generation of Telemetry Packets	DC902180	TC	

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Step No.	Time	Activity/Remarks	TC/TLM	Display/ Branch	AIT Comment
157		Enable, then disable, HK ID 102 (Diag CUA MON 2)		Next Step: 158	
	ET=+ UT=+00.00.01	Execute Telecommand EnableTmGen Command Parameter(s) : N DH017180 Sub-Type DH019180 Packet-ID DH020180 Subsch. ID : 10 Det. descr. : Enable Generation of Telemetry Packets	DC900180	TC	
	ET=+ UT=+00.00.16	Execute Telecommand DisableTmGen Command Parameter(s) : N DH017180 Sub-Type DH019180 Packet-ID DH020180 Subsch. ID : 10 Det. descr. : Disable Generation of Telemetry Packets	DC902180	TC	
158		Enable, then disable, HK ID 64 (Periodic P1)		Next Step: 159	
	ET=+ UT=+00.00.01	Execute Telecommand EnableTmGen Command Parameter(s) : N DH017180 Sub-Type DH019180 Packet-ID DH020180 Subsch. ID : 10 Det. descr. : Enable Generation of Telemetry Packets	DC900180	TC	
	ET=+ UT=+00.00.04	Execute Telecommand DisableTmGen Command Parameter(s) : N DH017180 Sub-Type DH019180 Packet-ID DH020180 Subsch. ID : 10 Det. descr. : Disable Generation of Telemetry Packets	DC902180	TC	
159		Enable, then disable, HK ID 65 (Periodic P4)		Next Step: 160	
	ET=+ UT=+00.00.01	Execute Telecommand EnableTmGen Command Parameter(s) : N DH017180 Sub-Type DH019180 Packet-ID DH020180 Subsch. ID : 10 Det. descr. : Enable Generation of Telemetry Packets	DC900180	TC	

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Step No.	Time	Activity/Remarks	TC/TLM	Display/ Branch	AIT Comment
162		Enable, then disable, HK ID 65 (Periodic P4)		Next Step: 163	
	ET=+ UT=+00.00.01	Execute Telecommand EnableTmGen <i>Command Parameter(s) :</i> N DH017180 Sub-Type DH019180 Packet-ID DH020180 <i>Subsch. ID : 10</i> <i>Det. descr. : Enable Generation of Telemetry Packets</i>	DC900180	TC	
	ET=+ UT=+00.00.09	Execute Telecommand DisableTmGen <i>Command Parameter(s) :</i> N DH017180 Sub-Type DH019180 Packet-ID DH020180 <i>Subsch. ID : 10</i> <i>Det. descr. : Disable Generation of Telemetry Packets</i>	DC902180	TC	
163		Enable, then disable, HK ID 106 (Diag ASW2)		Next Step: 164	
	ET=+ UT=+00.00.01	Execute Telecommand EnableTmGen <i>Command Parameter(s) :</i> N DH017180 Sub-Type DH019180 Packet-ID DH020180 <i>Subsch. ID : 10</i> <i>Det. descr. : Enable Generation of Telemetry Packets</i>	DC900180	TC	
	ET=+ UT=+00.00.16	Execute Telecommand DisableTmGen <i>Command Parameter(s) :</i> N DH017180 Sub-Type DH019180 Packet-ID DH020180 <i>Subsch. ID : 10</i> <i>Det. descr. : Disable Generation of Telemetry Packets</i>	DC902180	TC	
164		Enable, then disable, HK ID 64 (Periodic P1)		Next Step: 165	
	ET=+ UT=+00.00.01	Execute Telecommand EnableTmGen <i>Command Parameter(s) :</i> N DH017180 Sub-Type DH019180 Packet-ID DH020180 <i>Subsch. ID : 10</i> <i>Det. descr. : Enable Generation of Telemetry Packets</i>	DC900180	TC	

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Step No.	Time	Activity/Remarks	TC/TLM	Display/ Branch	AIT Comment
	ET=+ UT=+00.00.04	Execute Telecommand DisableTmGen Command Parameter(s) : N DH017180 Sub-Type DH019180 Packet-ID DH020180 Subsch. ID : 10 Det. descr. : Disable Generation of Telemetry Packets	DC902180	TC	
165		Enable, then disable, HK ID 65 (Periodic P4)		Next Step: 166	
	ET=+ UT=+00.00.01	Execute Telecommand EnableTmGen Command Parameter(s) : N DH017180 Sub-Type DH019180 Packet-ID DH020180 Subsch. ID : 10 Det. descr. : Enable Generation of Telemetry Packets	DC900180	TC	
	ET=+ UT=+00.00.09	Execute Telecommand DisableTmGen Command Parameter(s) : N DH017180 Sub-Type DH019180 Packet-ID DH020180 Subsch. ID : 10 Det. descr. : Disable Generation of Telemetry Packets	DC902180	TC	
166		Enable, then disable, HK ID 64 (Periodic P1)		Next Step: 167	
	ET=+ UT=+00.00.01	Execute Telecommand EnableTmGen Command Parameter(s) : N DH017180 Sub-Type DH019180 Packet-ID DH020180 Subsch. ID : 10 Det. descr. : Enable Generation of Telemetry Packets	DC900180	TC	
	ET=+ UT=+00.00.04	Execute Telecommand DisableTmGen Command Parameter(s) : N DH017180 Sub-Type DH019180 Packet-ID DH020180 Subsch. ID : 10 Det. descr. : Disable Generation of Telemetry Packets	DC902180	TC	

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Step No.	Time	Activity/Remarks	TC/TLM	Display/ Branch	AIT Comment
167		Enable, then disable, HK ID 65 (Periodic P4)		Next Step: 168	
	ET=+ UT=+00.00.01	Execute Telecommand EnableTmGen <i>Command Parameter(s) :</i> N DH017180 Sub-Type DH019180 Packet-ID DH020180 Subsch. ID : 10 Det. descr. : Enable Generation of Telemetry Packets	DC900180	TC	
	ET=+ UT=+00.00.09	Execute Telecommand DisableTmGen <i>Command Parameter(s) :</i> N DH017180 Sub-Type DH019180 Packet-ID DH020180 Subsch. ID : 10 Det. descr. : Disable Generation of Telemetry Packets	DC902180	TC	
168		Enable, then disable, HK ID 64 (Periodic P1)		Next Step: 169	
	ET=+ UT=+00.00.01	Execute Telecommand EnableTmGen <i>Command Parameter(s) :</i> N DH017180 Sub-Type DH019180 Packet-ID DH020180 Subsch. ID : 10 Det. descr. : Enable Generation of Telemetry Packets	DC900180	TC	
	ET=+ UT=+00.00.04	Execute Telecommand DisableTmGen <i>Command Parameter(s) :</i> N DH017180 Sub-Type DH019180 Packet-ID DH020180 Subsch. ID : 10 Det. descr. : Disable Generation of Telemetry Packets	DC902180	TC	
169		Enable, then disable, HK ID 64 (Periodic P1)		Next Step: 170	
	ET=+ UT=+00.00.01	Execute Telecommand EnableTmGen <i>Command Parameter(s) :</i> N DH017180 Sub-Type DH019180 Packet-ID DH020180 Subsch. ID : 10 Det. descr. : Enable Generation of Telemetry Packets	DC900180	TC	

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Step No.	Time	Activity/Remarks	TC/TLM	Display/ Branch	AIT Comment
	ET=+ UT=+00.00.04	Execute Telecommand DisableTmGen Command Parameter(s) : N DH017180 Sub-Type DH019180 Packet-ID DH020180 Subsch. ID : 10 Det. descr. : Disable Generation of Telemetry Packets	DC902180	TC	
170		Enable, then disable, HK ID 65 (Periodic P4)		Next Step: 171	
	ET=+ UT=+00.00.01	Execute Telecommand EnableTmGen Command Parameter(s) : N DH017180 Sub-Type DH019180 Packet-ID DH020180 Subsch. ID : 10 Det. descr. : Enable Generation of Telemetry Packets	DC900180	TC	
	ET=+ UT=+00.00.09	Execute Telecommand DisableTmGen Command Parameter(s) : N DH017180 Sub-Type DH019180 Packet-ID DH020180 Subsch. ID : 10 Det. descr. : Disable Generation of Telemetry Packets	DC902180	TC	
171		Enable, then disable, HK ID 64 (Periodic P1)		Next Step: 172	
	ET=+ UT=+00.00.01	Execute Telecommand EnableTmGen Command Parameter(s) : N DH017180 Sub-Type DH019180 Packet-ID DH020180 Subsch. ID : 10 Det. descr. : Enable Generation of Telemetry Packets	DC900180	TC	
	ET=+ UT=+00.00.04	Execute Telecommand DisableTmGen Command Parameter(s) : N DH017180 Sub-Type DH019180 Packet-ID DH020180 Subsch. ID : 10 Det. descr. : Disable Generation of Telemetry Packets	DC902180	TC	

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Step No.	Time	Activity/Remarks	TC/TLM	Display/ Branch	AIT Comment
172		Enable, then disable, HK ID 96 (Diag BSW1)		Next Step: 173	
	ET=+ UT=+00.00.01	Execute Telecommand EnableTmGen <i>Command Parameter(s) :</i> N DH017180 Sub-Type DH019180 Packet-ID DH020180 Subsch. ID : 10 Det. descr. : Enable Generation of Telemetry Packets	DC900180	TC	
	ET=+ UT=+00.00.16	Execute Telecommand DisableTmGen <i>Command Parameter(s) :</i> N DH017180 Sub-Type DH019180 Packet-ID DH020180 Subsch. ID : 10 Det. descr. : Disable Generation of Telemetry Packets	DC902180	TC	
173		Enable, then disable, HK ID 64 (Periodic P1)		Next Step: 174	
	ET=+ UT=+00.00.01	Execute Telecommand EnableTmGen <i>Command Parameter(s) :</i> N DH017180 Sub-Type DH019180 Packet-ID DH020180 Subsch. ID : 10 Det. descr. : Enable Generation of Telemetry Packets	DC900180	TC	
	ET=+ UT=+00.00.04	Execute Telecommand DisableTmGen <i>Command Parameter(s) :</i> N DH017180 Sub-Type DH019180 Packet-ID DH020180 Subsch. ID : 10 Det. descr. : Disable Generation of Telemetry Packets	DC902180	TC	
174		Enable, then disable, HK ID 65 (Periodic P4)		Next Step: 175	
	ET=+ UT=+00.00.01	Execute Telecommand EnableTmGen <i>Command Parameter(s) :</i> N DH017180 Sub-Type DH019180 Packet-ID DH020180 Subsch. ID : 10 Det. descr. : Enable Generation of Telemetry Packets	DC900180	TC	

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Step No.	Time	Activity/Remarks	TC/TLM	Display/ Branch	AIT Comment
	ET=+ UT=+00.00.09	Execute Telecommand DisableTmGen Command Parameter(s) : N DH017180 Sub-Type DH019180 Packet-ID DH020180 Subsch. ID : 10 Det. descr. : Disable Generation of Telemetry Packets	DC902180	TC	
175		Enable, then disable, HK ID 97 (Diag BSW2)		Next Step: 176	
	ET=+ UT=+00.00.01	Execute Telecommand EnableTmGen Command Parameter(s) : N DH017180 Sub-Type DH019180 Packet-ID DH020180 Subsch. ID : 10 Det. descr. : Enable Generation of Telemetry Packets	DC900180	TC	
	ET=+ UT=+00.00.16	Execute Telecommand DisableTmGen Command Parameter(s) : N DH017180 Sub-Type DH019180 Packet-ID DH020180 Subsch. ID : 10 Det. descr. : Disable Generation of Telemetry Packets	DC902180	TC	
176		Enable, then disable, HK ID 64 (Periodic P1)		Next Step: 177	
	ET=+ UT=+00.00.01	Execute Telecommand EnableTmGen Command Parameter(s) : N DH017180 Sub-Type DH019180 Packet-ID DH020180 Subsch. ID : 10 Det. descr. : Enable Generation of Telemetry Packets	DC900180	TC	
	ET=+ UT=+00.00.04	Execute Telecommand DisableTmGen Command Parameter(s) : N DH017180 Sub-Type DH019180 Packet-ID DH020180 Subsch. ID : 10 Det. descr. : Disable Generation of Telemetry Packets	DC902180	TC	

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Step No.	Time	Activity/Remarks	TC/TLM	Display/ Branch	AIT Comment
177		Enable, then disable, HK ID 65 (Periodic P4)		Next Step: 178	
	ET=+ UT=+00.00.01	Execute Telecommand EnableTmGen <i>Command Parameter(s) :</i> N DH017180 Sub-Type DH019180 Packet-ID DH020180 Subsch. ID : 10 Det. descr. : Enable Generation of Telemetry Packets	DC900180	TC	
	ET=+ UT=+00.00.09	Execute Telecommand DisableTmGen <i>Command Parameter(s) :</i> N DH017180 Sub-Type DH019180 Packet-ID DH020180 Subsch. ID : 10 Det. descr. : Disable Generation of Telemetry Packets	DC902180	TC	
178		Enable, then disable, HK ID 98 (Diag BSW3)		Next Step: 179	
	ET=+ UT=+00.00.01	Execute Telecommand EnableTmGen <i>Command Parameter(s) :</i> N DH017180 Sub-Type DH019180 Packet-ID DH020180 Subsch. ID : 10 Det. descr. : Enable Generation of Telemetry Packets	DC900180	TC	
	ET=+ UT=+00.00.16	Execute Telecommand DisableTmGen <i>Command Parameter(s) :</i> N DH017180 Sub-Type DH019180 Packet-ID DH020180 Subsch. ID : 10 Det. descr. : Disable Generation of Telemetry Packets	DC902180	TC	
179		Enable, then disable, HK ID 64 (Periodic P1)		Next Step: 180	
	ET=+ UT=+00.00.01	Execute Telecommand EnableTmGen <i>Command Parameter(s) :</i> N DH017180 Sub-Type DH019180 Packet-ID DH020180 Subsch. ID : 10 Det. descr. : Enable Generation of Telemetry Packets	DC900180	TC	

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Step No.	Time	Activity/Remarks	TC/TLM	Display/ Branch	AIT Comment
	ET=+ UT=+00.00.04	Execute Telecommand DisableTmGen Command Parameter(s) : N DH017180 Sub-Type DH019180 Packet-ID DH020180 Subsch. ID : 10 Det. descr. : Disable Generation of Telemetry Packets	DC902180	TC	
180		Enable, then disable, HK ID 65 (Periodic P4)		Next Step: 181	
	ET=+ UT=+00.00.01	Execute Telecommand EnableTmGen Command Parameter(s) : N DH017180 Sub-Type DH019180 Packet-ID DH020180 Subsch. ID : 10 Det. descr. : Enable Generation of Telemetry Packets	DC900180	TC	
	ET=+ UT=+00.00.09	Execute Telecommand DisableTmGen Command Parameter(s) : N DH017180 Sub-Type DH019180 Packet-ID DH020180 Subsch. ID : 10 Det. descr. : Disable Generation of Telemetry Packets	DC902180	TC	
181		Enable, then disable, HK ID 102 (Diag CUA MON 2)		Next Step: 182	
	ET=+ UT=+00.00.01	Execute Telecommand EnableTmGen Command Parameter(s) : N DH017180 Sub-Type DH019180 Packet-ID DH020180 Subsch. ID : 10 Det. descr. : Enable Generation of Telemetry Packets	DC900180	TC	
	ET=+ UT=+00.00.16	Execute Telecommand DisableTmGen Command Parameter(s) : N DH017180 Sub-Type DH019180 Packet-ID DH020180 Subsch. ID : 10 Det. descr. : Disable Generation of Telemetry Packets	DC902180	TC	

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Step No.	Time	Activity/Remarks	TC/TLM	Display/ Branch	AIT Comment
182		Enable, then disable, HK ID 64 (Periodic P1)		Next Step: 183	
	ET=+ UT=+00.00.01	Execute Telecommand EnableTmGen <i>Command Parameter(s) :</i> N DH017180 Sub-Type DH019180 Packet-ID DH020180 Subsch. ID : 10 Det. descr. : Enable Generation of Telemetry Packets	DC900180	TC	
	ET=+ UT=+00.00.04	Execute Telecommand DisableTmGen <i>Command Parameter(s) :</i> N DH017180 Sub-Type DH019180 Packet-ID DH020180 Subsch. ID : 10 Det. descr. : Disable Generation of Telemetry Packets	DC902180	TC	
183		Enable, then disable, HK ID 65 (Periodic P4)		Next Step: 184	
	ET=+ UT=+00.00.01	Execute Telecommand EnableTmGen <i>Command Parameter(s) :</i> N DH017180 Sub-Type DH019180 Packet-ID DH020180 Subsch. ID : 10 Det. descr. : Enable Generation of Telemetry Packets	DC900180	TC	
	ET=+ UT=+00.00.09	Execute Telecommand DisableTmGen <i>Command Parameter(s) :</i> N DH017180 Sub-Type DH019180 Packet-ID DH020180 Subsch. ID : 10 Det. descr. : Disable Generation of Telemetry Packets	DC902180	TC	
184		Enable, then disable, HK ID 104 (Diag CCUB MON2)		Next Step: 185	
	ET=+ UT=+00.00.01	Execute Telecommand EnableTmGen <i>Command Parameter(s) :</i> N DH017180 Sub-Type DH019180 Packet-ID DH020180 Subsch. ID : 10 Det. descr. : Enable Generation of Telemetry Packets	DC900180	TC	

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Step No.	Time	Activity/Remarks	TC/TLM	Display/ Branch	AIT Comment
	ET=+ UT=+00.00.16	Execute Telecommand DisableTmGen Command Parameter(s) : N DH017180 Sub-Type DH019180 Packet-ID DH020180 Subsch. ID : 10 Det. descr. : Disable Generation of Telemetry Packets	DC902180	TC	
185		Enable, then disable, HK ID 64 (Periodic P1)		Next Step: 186	
	ET=+ UT=+00.00.01	Execute Telecommand EnableTmGen Command Parameter(s) : N DH017180 Sub-Type DH019180 Packet-ID DH020180 Subsch. ID : 10 Det. descr. : Enable Generation of Telemetry Packets	DC900180	TC	
	ET=+ UT=+00.00.04	Execute Telecommand DisableTmGen Command Parameter(s) : N DH017180 Sub-Type DH019180 Packet-ID DH020180 Subsch. ID : 10 Det. descr. : Disable Generation of Telemetry Packets	DC902180	TC	
186		Enable, then disable, HK ID 65 (Periodic P4)		Next Step: 187	
	ET=+ UT=+00.00.01	Execute Telecommand EnableTmGen Command Parameter(s) : N DH017180 Sub-Type DH019180 Packet-ID DH020180 Subsch. ID : 10 Det. descr. : Enable Generation of Telemetry Packets	DC900180	TC	
	ET=+ UT=+00.00.09	Execute Telecommand DisableTmGen Command Parameter(s) : N DH017180 Sub-Type DH019180 Packet-ID DH020180 Subsch. ID : 10 Det. descr. : Disable Generation of Telemetry Packets	DC902180	TC	

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Step No.	Time	Activity/Remarks	TC/TLM	Display/ Branch	AIT Comment
187		Enable, then disable, HK ID 106 (Diag ASW2)		Next Step: 188	
	ET=+ UT=+00.00.01	Execute Telecommand EnableTmGen <i>Command Parameter(s) :</i> N DH017180 Sub-Type DH019180 Packet-ID DH020180 <i>Subsch. ID : 10</i> <i>Det. descr. : Enable Generation of Telemetry Packets</i>	DC900180	TC	
	ET=+ UT=+00.00.16	Execute Telecommand DisableTmGen <i>Command Parameter(s) :</i> N DH017180 Sub-Type DH019180 Packet-ID DH020180 <i>Subsch. ID : 10</i> <i>Det. descr. : Disable Generation of Telemetry Packets</i>	DC902180	TC	
188		Enable, then disable, HK ID 64 (Periodic P1)		Next Step: 189	
	ET=+ UT=+00.00.01	Execute Telecommand EnableTmGen <i>Command Parameter(s) :</i> N DH017180 Sub-Type DH019180 Packet-ID DH020180 <i>Subsch. ID : 10</i> <i>Det. descr. : Enable Generation of Telemetry Packets</i>	DC900180	TC	
	ET=+ UT=+00.00.04	Execute Telecommand DisableTmGen <i>Command Parameter(s) :</i> N DH017180 Sub-Type DH019180 Packet-ID DH020180 <i>Subsch. ID : 10</i> <i>Det. descr. : Disable Generation of Telemetry Packets</i>	DC902180	TC	
189		Enable, then disable, HK ID 65 (Periodic P4)		Next Step: 190	
	ET=+ UT=+00.00.01	Execute Telecommand EnableTmGen <i>Command Parameter(s) :</i> N DH017180 Sub-Type DH019180 Packet-ID DH020180 <i>Subsch. ID : 10</i> <i>Det. descr. : Enable Generation of Telemetry Packets</i>	DC900180	TC	

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Step No.	Time	Activity/Remarks	TC/TLM	Display/ Branch	AIT Comment
192		Report current status		Next Step: END	
	ET=+ UT=+00.00.02	Execute Telecommand <div style="text-align: center;">ReportEnabledTm</div> Subsch. ID : 10 Det. descr. : Report Enabled Telemetry Packets	DC904180	TC	
End of Sequence					
End of Procedure					

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Procedure Flowchart Overview

HERSCHEL - CDMS HK PACKETS											
Packet Type	HK Identifier	SID	Packet Name	Number of DIDs	Timing (µs)	Size (bits)	Header + SID + CRC (bits)	Total size (bits)	Period (s)	bps	bps including the correction factor in the frame (1115/1099)
Essential	HK ID = 0	0x0000	High Rate	241	3912	4416	160	4576	4	1144	1160
	HK ID = 8	0x1000	Low Rate	188	2324	3056	160	3216	64	50	50
Periodic	HK ID = 64	0x2000	P1	118	1209	2160	160	2320	1	2320	2353
	HK ID = 65	0x2186	P4	83	1123	1024	160	1184	4	296	300
	HK ID = 66	0x230C	P64	56	660	1264	160	1424	64	22	22
	HK ID = 67	0x2492	P128	182	1991	2896	160	3056	128	23	23
	HK ID = 68	0x2618	CCU A Monit #1	118	1413	1672	160	2032	512	3	3
	HK ID = 71	0x2AAA	CCU B Monit #1	118	1413	1672	160	2032	512	3	3
Diagnostic	HK ID = 96	0x5000	BSW 1	22	242	528	160	688	8	86	87
	HK ID = 97	0x5186	BSW 2	9	99	432	160	592	8	74	75
	HK ID = 98	0x530C	BSW 3	26	286	512	160	672	8	84	85
	HK ID = 105	0x5D86	BSW 4	37	1650	4416	160	4576	256	17	17
	HK ID = 99	0x5492	ASW 1	54	486	1728	160	1888	64	29	29
	HK ID = 106	0x5F3C	ASW 2	20	180	400	160	560	8	70	71
	HK ID = 100	0x5618	TCS	159	3342	2344	160	2704	64	42	42
	HK ID = 101	0x579E	CCU A DLGM	61	729	960	160	1120	1	1120	1136
	HK ID = 102	0x5924	CCU A Monit #2	118	1413	1672	160	2032	8	254	257
	HK ID = 103	0x5AAA	CCU B DLGM	61	729	960	160	1120	1	1120	1136
HK ID = 104	0x5C30	CCU B Monit #2	118	1413	1672	160	2032	8	254	257	

Table 25: Herschel - CDMS HK packets summary