

Procedure Summary

Objectives

This procedure describes the steps needed to perform one of the following actions related to the Mission Timeline: - Acquire detailed report of all TCs in MTL;

- Acquire detailed report of all TCs in MTL within the specified
- time period;
- Acquire summary report;Acquire a summary report over a time period.

Summary of Constraints

**** No MTL uplink must be started or in progress when this procedure is run ****

The procedure can be run even if the MTL function is stopped, like after a level 3 reconfiguration.

Only one of the following TCs shall be in execution or in queue at the same time:

- Reset Command Schedule TC(11,3)
- Report Command Schedule TC(11,9)
- Report Command Schedule over Time Period TC(11,11)
- Report Command Schedule in Summary Form TC(11,12)
- Report Command Schedule Summary over Time Period TC(11,14)
- Report Status of Command Schedule TC(11,18)

Spacecraft Configuration

Start of Procedure

- CDMU in default configuration, that is:
- PM A or B ON (nominally A)
- TM Encoder/OBT A or B active (nominally A) $% \left(A^{\prime}\right) =\left(A^{\prime}\right) \left(A^$
- RM A and B enabled - MM A and B ON

End of Procedure

- CDMU in default configuration, that is:
- PM A or B ON (nominally A)
- TM Encoder/OBT A or B active (nominally A)
- RM A and B enabled - MM A and B ON

Reference File(s)

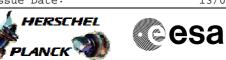
Input Command Sequences

Output Command Sequences

HFD3027A HFD3027B HFD3027C HFD3027D

Referenced Displays

ANDs GRDs SLDs



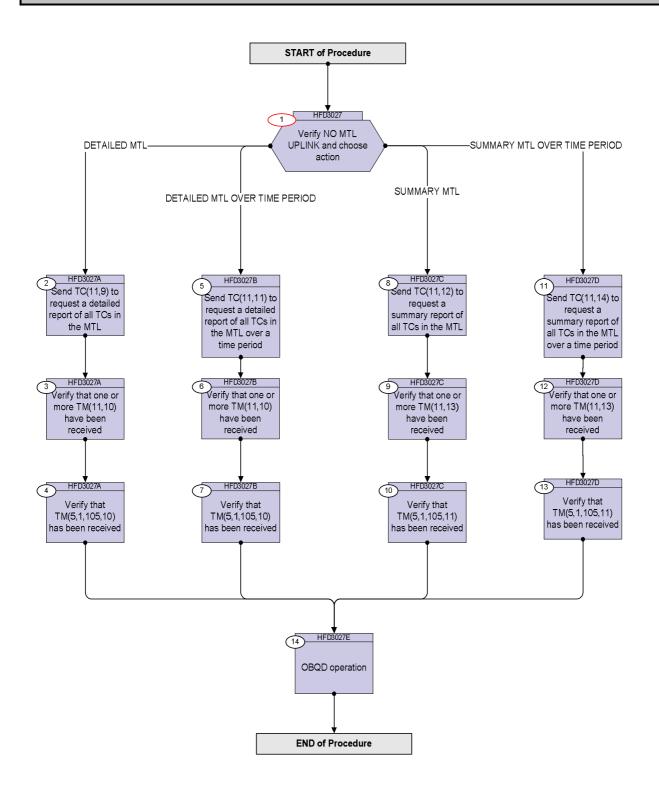
(None)

Configuration Control Information

DATE	FOP ISSUE	VERSION	MODIFICATION DESCRIPTION	AUTHOR	SPR REF
12/11/07		1	Created	cmevi-hp	
10/06/08	1	2	TC flags / Seq type modification	S. Manganelli	
01/12/08		3	Procedure updated according to latest version received from industry on 24/10/2008	cmevi-hp	
13/01/09	2	4	Updated following OBSW 3_8	S. Manganelli	
15/03/09		5	Fixed MOIS FP bug	S. Manganelli	
19/03/09	2.2	6	DB modified due to OBSW 3_8_2	S. Manganelli	
12/04/10	3	7	Added initial check to avoid requesting MTL report while MTL is being uplinked and final step for OBQD operation. Reformatted comments, modified constraint list on header page.	S. Manganelli	

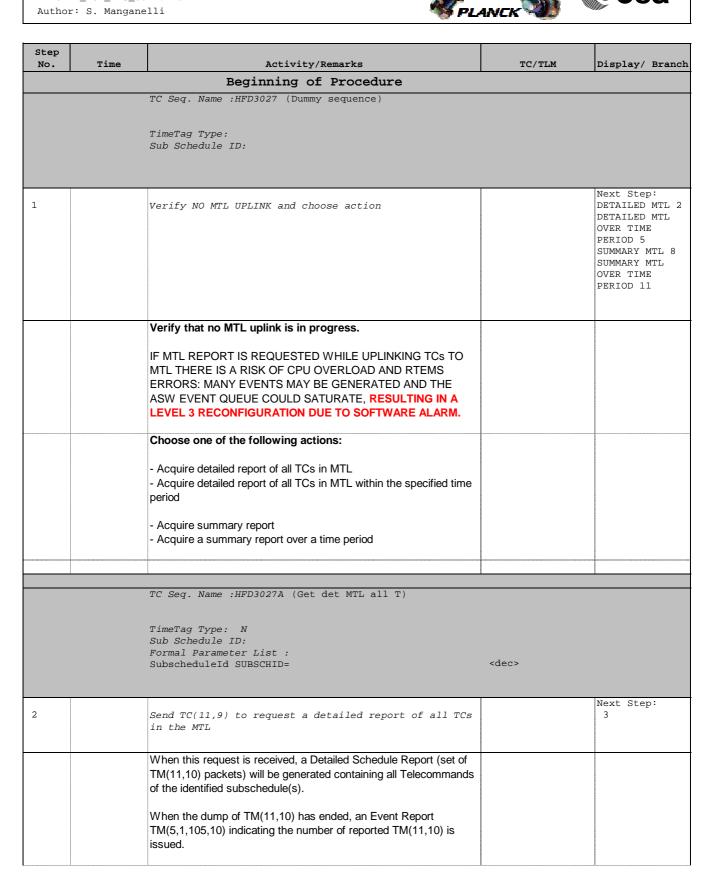


Procedure Flowchart Overview



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Step				
No.	Time	Activity/Remarks	TC/TLM	Display/ Branch
		In the TC(11,9) it is necessary to set the following parameters:		
		 <u>N</u>: The number of Subschedule-IDs that follow, <=117. If N = 0 the TC addresses all subschedules residing on-board. 		
		$\mathbf{N} = 0$ the TC addresses all subschedules residing of-board.		
		- Subschedule-ID: The Subschedule Identifier allows to identify		
		a set of Telecommands for one or several Applications/users,		
		and to distinguish them from the rest of the MTL.		
		WARNING: the following TCs are intended to be just examples.		
		Only the first one is instantiated in the TC sequence.		
		WARNING: the TC used here has variable length according to the		
		value of N. This must be instantiated at procedure run time following		
		the specific needs. The TC included in the sequence has no		
		repeated values.		
2.1		Detailed report for all Subschedules		
		Execute Telecommand ReportSubSchedule	DC84F170	
		Command Parameter(s) : N Repetition DH041170	0 <dec></dec>	
		N_Repetition DH041170		
		TC Control Flags :		
		GBM IL DSE Y		
		Subsch. ID : 10		
		Det. descr. : TEMPLATE ReportSubSchedule, TC(11,9)		
2.2		Detailed report for a specific Subschedule		
		Execute Telecommand ReportSubSchedule	DC84F170	
		Command Parameter(s) : N_Repetition DH041170	1 <dec></dec> (Def)	
		SubscheduleId DH053170	SUBSCHID	
		TC Control Flags .		
		TC Control Flags : GBM IL DSE		
		Y		
		Subsch. ID : 10 Det. descr. : TEMPLATE ReportSubSchedule, TC(11,9)		
		This Telecommand will not be included in the export		
				Next Step:
3		Verify that one or more TM(11,10) have been received		4



Step No.	Time	Activity/Remarks	TC/TLM	Display/ Bran
T		Verify Packet Reception		
		TM 11-10 Detailed schedule report	DetailSchRep	
		Packet Details:	_	
		APID:	16	
		Type: Subtype:	11 10	
		PI1:	10	
		PI2:		
		Verify Telemetry		
		N_Repetition DE014170		(None)
		The following parameters are repeated N times		
		Verify Telemetry AbsTime_A DELA2170		(None)
		Verify Telemetry		
		SubscheduleId_A DE075170		(None)
		Verify Telemetry		
		VarblOctetStr_A DE080170		(None)
				Neut Ci
		Verify that TM(5,1,105,10) has been received		Next Step: 14
		Marifa Darbah Darantian		
		Verify Packet Reception	D EVED 055	
		Verify Packet Reception CdmuAsw Event 5-1 TM 11-10 Dump Ended Packet Details:	D_EvRp_055	
		CdmuAsw Event 5-1 TM 11-10 Dump Ended	D_EvRp_055 16	
		CdmuAsw Event 5-1 TM 11-10 Dump Ended Packet Details: APID: Type:	16 5	
		CdmuAsw Event 5-1 TM 11-10 Dump Ended Packet Details: APID: Type: Subtype:	16 5 1	
		CdmuAsw Event 5-1 TM 11-10 Dump Ended Packet Details: APID: Type: Subtype: PI1:	16 5 1 26890	
		CdmuAsw Event 5-1 TM 11-10 Dump Ended Packet Details: APID: Type: Subtype: PI1: PI2:	16 5 1	
		CdmuAsw Event 5-1 TM 11-10 Dump Ended Packet Details: APID: Type: Subtype: PI1:	16 5 1 26890	(None)
		CdmuAsw Event 5-1 TM 11-10 Dump Ended Packet Details: APID: Type: Subtype: PI1: PI2: Verify Packet Telemetry Verify Packet Telemetry Verify Packet Telemetry	16 5 1 26890 0 = Tml1_10_DmpEnd	
		CdmuAsw Event 5-1 TM 11-10 Dump Ended Packet Details: APID: Type: Subtype: PI1: PI2: Verify Packet Telemetry TM5xEventID DEZSJ170	16 5 1 26890 0	(None)
		CdmuAsw Event 5-1 TM 11-10 Dump Ended Packet Details: APID: Type: Subtype: PI1: PI2: Verify Packet Telemetry Verify Packet Telemetry Verify Packet Telemetry	<pre>16 5 1 26890 0 = Tmll_l0_DmpEnd as many as the number of received TM(11,10) in</pre>	(None)
		CdmuAsw Event 5-1 TM 11-10 Dump Ended Packet Details: APID: Type: Subtype: PI1: PI2: Verify Packet Telemetry Verify Packet Telemetry Verify Packet Telemetry	<pre>16 5 1 26890 0 = Tmll_l0_DmpEnd as many as the number of received TM(11,10) in</pre>	(None)
		CdmuAsw Event 5-1 TM 11-10 Dump Ended Packet Details: APID: Type: Subtype: PI1: PI2: Verify Packet Telemetry Verify Packet Telemetry Verify Packet Telemetry	<pre>16 5 1 26890 0 = Tmll_l0_DmpEnd as many as the number of received TM(11,10) in</pre>	(None)
		CdmuAsw Event 5-1 TM 11-10 Dump Ended Packet Details: APID: Type: Subtype: PI1: PI2: Verify Packet Telemetry Verify Packet Telemetry Verify Packet Telemetry	<pre>16 5 1 26890 0 = Tmll_l0_DmpEnd as many as the number of received TM(11,10) in</pre>	(None)
		CdmuAsw Event 5-1 TM 11-10 Dump Ended Packet Details: APID: Type: Subtype: PI1: PI2: Verify Packet Telemetry Verify Packet Telemetry NrOfTmPktIss DE100170	<pre>16 5 1 26890 0 = Tmll_l0_DmpEnd as many as the number of received TM(11,10) in</pre>	(None)
		CdmuAsw Event 5-1 TM 11-10 Dump Ended Packet Details: APID: Type: Subtype: PI1: PI2: Verify Packet Telemetry Verify Packet Telemetry NrOfTmPktIss DE100170 TC Seq. Name :HFD3027B (Get det MTL part T)	<pre>16 5 1 26890 0 = Tmll_l0_DmpEnd as many as the number of received TM(11,10) in</pre>	(None)
		CdmuAsw Event 5-1 TM 11-10 Dump Ended Packet Details: APID: Type: Subtype: PI1: PI2: Verify Packet Telemetry DEZSJ170 Verify Packet Telemetry DE100170 Verify Packet Telemetry DE100170 TC Seq. Name :HFD3027B (Get det MTL part T) TimeTag Type: N	<pre>16 5 1 26890 0 = Tml1_10_DmpEnd as many as the number of received TM(11,10) in previous step </pre>	(None)
		CdmuAsw Event 5-1 TM 11-10 Dump Ended Packet Details: APID: Type: Subtype: PI1: PI2: Verify Packet Telemetry Verify Packet Telemetry NrofTmPktIss DE100170 TC Seq. Name :HFD3027B (Get det MTL part T) TimeTag Type: N Sub Schedule ID: Formal Parameter List : AbsTime ABSTIME1=	<abs></abs>	(None)
		CdmuAsw Event 5-1 TM 11-10 Dump Ended Packet Details: APID: Type: Subtype: PI1: PI2: Verify Packet Telemetry Verify Packet Telemetry NrOfTmPktIss DE100170 TimeTag Type: N Sub Schedule ID: Formal Parameter List : AbsTime ABSTIME1= AbsTime2 ABSTIME2=	<pre>16 5 1 26890 0 = Tml1_10_DmpEnd as many as the number of received TM(11,10) in previous step </pre>	(None)
		CdmuAsw Event 5-1 TM 11-10 Dump Ended Packet Details: APID: Type: Subtype: PI1: PI2: Verify Packet Telemetry Verify Packet Telemetry NrofTmPktIss DE100170 TC Seq. Name :HFD3027B (Get det MTL part T) TimeTag Type: N Sub Schedule ID: Formal Parameter List : AbsTime ABSTIME1=	<abs></abs>	(None)
		CdmuAsw Event 5-1 TM 11-10 Dump Ended Packet Details: APID: Type: Subtype: PI1: PI2: Verify Packet Telemetry Verify Packet Telemetry NrOfTmPktIss DE100170 TC Seq. Name :HFD3027B (Get det MTL part T) TimeTag Type: N Sub Schedule ID: Formal Parameter List : AbsTime ABSTIME1= AbsTime2 ABSTIME2= APID_for_TC_11-x TC_APID=	<pre>16 5 1 26890 0 = Tml1_10_DmpEnd as many as the number of received TM(11,10) in previous step </pre>	(None)
		CdmuAsw Event 5-1 TM 11-10 Dump Ended Packet Details: APID: Type: Subtype: PI1: PI2: Verify Packet Telemetry Verify Packet Telemetry NrOfTmPktIss DE100170 TC Seq. Name :HFD3027B (Get det MTL part T) TimeTag Type: N Sub Schedule ID: Formal Parameter List : AbsTime ABSTIME1= AbsTime2 ABSTIME2= APID_for_TC_11-x TC_APID=	<pre>16 5 1 26890 0 = Tml1_10_DmpEnd as many as the number of received TM(11,10) in previous step </pre>	(None)
		CdmuAsw Event 5-1 TM 11-10 Dump Ended Packet Details: APID: Type: Subtype: PI1: PI2: Verify Packet Telemetry DEZSJ170 Verify Packet Telemetry DE100170 Verify Packet Telemetry DE100170 TC Seq. Name :HFD3027B (Get det MTL part T) TimeTag Type: N Sub Schedule ID: Formal Parameter List : AbsTime ABSTIME1= AbsTime2 ABSTIME2= APID_for_TC_11-x TC_APID= SubscheduleId SUBSCHID= Send TC(11,11) to request a detailed report of all	<pre>16 5 1 26890 0 = Tml1_10_DmpEnd as many as the number of received TM(11,10) in previous step </pre>	(None)
		CdmuAsw Event 5-1 TM 11-10 Dump Ended Packet Details: APID: Type: Subtype: PI1: PI2: Verify Packet Telemetry DEZSJ170 Verify Packet Telemetry NrOfTmPktIss Verify Packet Telemetry DE100170 TC Seq. Name :HFD3027B (Get det MTL part T) TimeTag Type: N Sub Schedule ID: Formal Parameter List : AbsTime ABSTIME1= AbsTime2 ABSTIME2= APID_for_TC_11-x TC_APID= SubscheduleId SUBSCHID=	<pre>16 5 1 26890 0 = Tml1_10_DmpEnd as many as the number of received TM(11,10) in previous step </pre>	(None)



Step No.	Time	Activity/Remarks	TC/TLM	Display/ Branch
		When this request is received, a Detailed Schedule Report (set of TM(11,10) packets) covering the specified time period for the identified subschedule and application Process(es) will be generated.		
		When the dump of TM(11,10) has ended, an Event Report TM(5,1,105,10) indicating the number of reported TM(11,10) is issued.		
		In the TC(11,11) it is necessary to set the following parameters:		
		- <u>Time Tag 1</u> : All Telecommands selected by APID and Subschedule ID with an execution time equal or larger than Time Tag 1, up to including Time Tag 2, will be part of the report.		
		- <u>Time Tag 2</u> : Time Tag 2 determines the latest absolute time for which Telecommandswill be part of the report.		
		 <u>Subschedule ID</u>: The Subschedule Identifier allows to identify a set of Telecommands for one or several Applications/users that will be part of the report. If Telecommands from all Subschedule shall be included, this field is set to zero. 		
		 <u>N</u>: This field specifies the number of Applications for which a sequence of Telecommands will be part of the report. If N is set to zero all Telecommands between Time Tag 1 and 2 (for the identified Subschedule) will be part of the report. 		
		- <u>Application Process ID</u> : The APID is the identification of the destination Application Process from which Telecommands are to be included.		
		WARNING: the TC used here has variable length according to the value of N. This must be instantiated at procedure run time following the specific needs. The TC included in the sequence has no repeated values.		
		WARNING: the following TCs are intended to be just examples. Only the first one is instantiated in the TC sequence.		
5.1		Detail report for all Subschedules and for all APID		





Step No.	Time	Activity/Remarks	TC/TLM	Display/ Branch
	11110	Execute Telecommand	10, 111	Dibpidy, Dianon
		Report_TcsOverTimePeriod	DC85F170	
		Command Parameter(s) :	ABSTIME1	
		AbsTime DHA56170 AbsTime2 DHA61170	ABSTIME1 ABSTIME2	
		SubscheduleId DH053170 N_Repetition DH041170	<pre>0 <dec> (Def) 0 <dec></dec></dec></pre>	
		N_KEPETITION DROVII/O		
		TC Control Flags : GBM IL DSE		
		¥		
		Subsch. ID : 10 Det. descr. : TEMPLATE Report MTL TcsOverTimePeriod,		
		TC(11,11)		
5.2		Detail report for all Subschedules for a specific		
		APID		
		Execute Telecommand		
		Report_TcsOverTimePeriod	DC85F170	
		Command Parameter(s) :		
		AbsTime DHA56170	ABSTIME1	
		AbsTime2 DHA61170 SubscheduleId DH053170	ABSTIME2 0 <dec> (Def)</dec>	
		N_Repetition DH041170	1 <dec> (Def)</dec>	
		APID_for_TC_11-x DH235170	TC_APID	
		TC Control Flags :		
		GBM IL DSE Y		
		Subsch. ID : 10 Det. descr. : TEMPLATE Report MTL TcsOverTimePeriod,		
		TC(11,11)		
		This Telecommand will not be included in the export		
		Into refectionmand will not be included in the expert		
5.3		Detail report for a specific Subschedule		
5.3.1		All APIDS		
		Execute Telecommand Report_TcsOverTimePeriod	DC85F170	
		Command Parameter(s) : AbsTime DHA56170	ABSTIME1	
		AbsTime2 DHA61170 SubscheduleId DH053170	ABSTIME2 SUBSCHID	
		N_Repetition DH041170	0 <dec></dec>	
		TC Control Flags :		
		GBM IL DSE		
		Y Subsch. ID : 10		
		Det. descr. : TEMPLATE Report MTL TcsOverTimePeriod,		
		TC(11,11) This Telecommand will not be included in the export		
		aion 7 Undated		

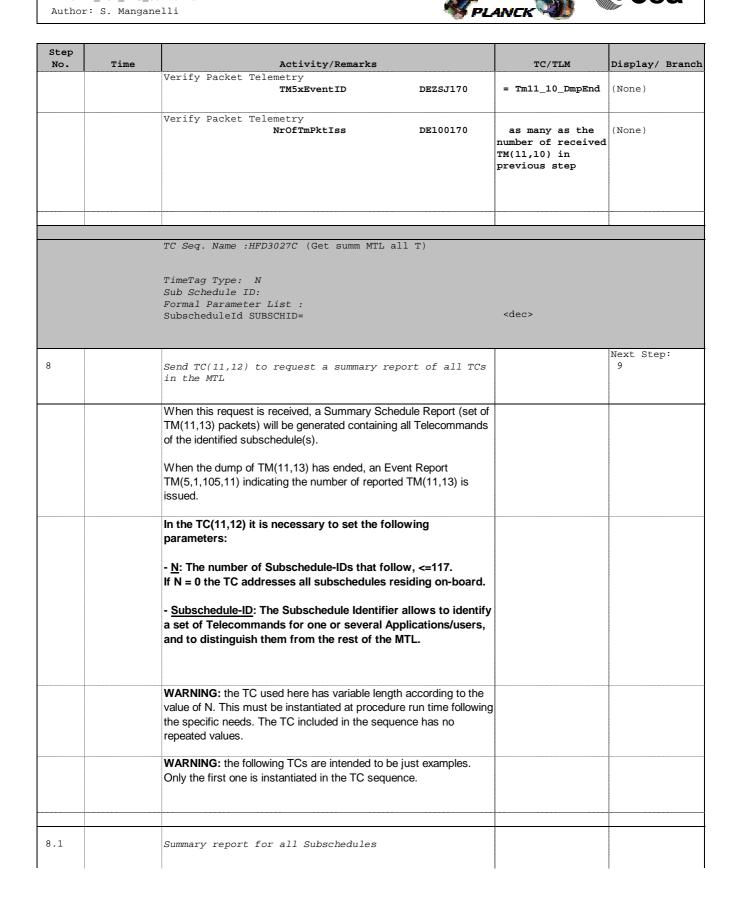




Step No.	Time	Activity/Remarks	TC/TLM	Display/ Branch
5.3.2		A specific APID		
		Execute Telecommand Report_TcsOverTimePeriod	DC85F170	
		Command Parameter(s) : AbsTime DHA56170 AbsTime2 DHA61170 SubscheduleId DH053170 N_Repetition DH041170 APID_for_TC_11-x DH235170	ABSTIME1 ABSTIME2 SUBSCHID 1 <dec> (Def) TC_APID</dec>	
		TC Control Flags : GBM IL DSE Y		
		Subsch. ID : 10 Det. descr. : TEMPLATE Report MTL TcsOverTimePeriod, TC(11,11)		
		This Telecommand will not be included in the export		
6		Verify that one or more TM(11,10) have been received		Next Step: 7
		Verify Packet Reception TM 11-10 Detailed schedule report Packet Details: APID: Type: Subtype: PI1: PI2:	DetailSchRep 16 11 10	
		Verify Telemetry N_Repetition DE014170		(None)
		The following parameters are repeated N times Verify Telemetry AbsTime_A DELA2170		(None)
		Verify Telemetry SubscheduleId_A DE075170		(None)
		Verify Telemetry VarblOctetStr_A DE080170		(None)
7		Verify that TM(5,1,105,10) has been received		Next Step: 14
		Verify Packet Reception CdmuAsw Event 5-1 TM 11-10 Dump Ended Packet Details:	D_EvRp_055	
		APID: Type: Subtype: PI1: PI2:	16 5 1 26890 0	

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Step No.	Time	Activity/Remarks	TC/TLM	Display/ Branch
		Execute Telecommand ReptSummaryMtlSubsch	DC87F170	
		Common d. Doursent to start		
		Command Parameter(s) : N_Repetition DH041170	0 <dec></dec>	
		TC Control Flags : GBM IL DSE		
		Y		
		Subsch. ID : 10		
		Det. descr. : TEMPLATE Report MTL SubSchedule in summary form, TC(11,12)		
8.2		Summary report for a specific Subschedule		
		Execute Telecommand		
		ReptSummaryMtlSubsch	DC87F170	
		<i>Command Parameter(s) :</i>		
		N_Repetition DH041170	1 <dec></dec>	
		SubscheduleId DH053170	SUBSCHID	
		TC Control Flags :		
		GBM IL DSE		
		Y Subsch. ID : 10		
		Det. descr. : TEMPLATE Report MTL SubSchedule in		
		summary form, TC(11,12)		
		This Telecommand will not be included in the export		
		This relecommand will not be included in the export		
		This relecommand will not be included in the export		Next Step:
9		Verify that one or more TM(11,13) have been received		Next Step: 10
9				_
9				_
9		Verify that one or more TM(11,13) have been received Verify Packet Reception	SummarSchRep	_
9		Verify that one or more TM(11,13) have been received Verify Packet Reception TM 11-13 Summary schedule report Packet Details:		_
9		Verify that one or more TM(11,13) have been received Verify Packet Reception TM 11-13 Summary schedule report Packet Details: APID:	16	_
9		Verify that one or more TM(11,13) have been received Verify Packet Reception TM 11-13 Summary schedule report Packet Details:	-	
9		Verify that one or more TM(11,13) have been received Verify Packet Reception TM 11-13 Summary schedule report Packet Details: APID: Type: Subtype: PI1:	- 16 11	
9		Verify that one or more TM(11,13) have been received Verify Packet Reception TM 11-13 Summary schedule report Packet Details: APID: Type: Subtype: PI1: PI2:	- 16 11	_
9		Verify that one or more TM(11,13) have been received Verify Packet Reception TM 11-13 Summary schedule report Packet Details: APID: Type: Subtype: PI1:	- 16 11	_
9		Verify that one or more TM(11,13) have been received Verify Packet Reception TM 11-13 Summary schedule report Packet Details: APID: Type: Subtype: PI1: PI2: Verify Telemetry	- 16 11	10
9		Verify that one or more TM(11,13) have been received Verify Packet Reception TM 11-13 Summary schedule report Packet Details: APID: Type: Subtype: PI1: PI2: Verify Telemetry N_Repetition DE014170 The following parameters are repeated N times	- 16 11	10
9		Verify that one or more TM(11,13) have been received Verify Packet Reception TM 11-13 Summary schedule report Packet Details: APID: Type: Subtype: PI1: PI2: Verify Telemetry N_Repetition DE014170 The following parameters are repeated N times Verify Telemetry	- 16 11	10 (None)
9		Verify that one or more TM(11,13) have been received Verify Packet Reception TM 11-13 Summary schedule report Packet Details: APID: Type: Subtype: PI1: PI2: Verify Telemetry N_Repetition DE014170 The following parameters are repeated N times	- 16 11	10
9		Verify that one or more TM(11,13) have been received Verify Packet Reception TM 11-13 Summary schedule report Packet Details: APID: Type: Subtype: PI1: PI2: Verify Telemetry N_Repetition DE014170 The following parameters are repeated N times Verify Telemetry	- 16 11	10 (None)
9		Verify that one or more TM(11,13) have been received Verify Packet Reception TM 11-13 Summary schedule report Packet Details: APID: Type: Subtype: PI1: PI2: Verify Telemetry N_Repetition DE014170 The following parameters are repeated N times Verify Telemetry AbsTime_A DELA2170	- 16 11	10 (None)
9		Verify that one or more TM(11,13) have been received Verify Packet Reception TM 11-13 Summary schedule report Packet Details: APID: Type: Subtype: PI1: PI2: Verify Telemetry N_Repetition DE014170 The following parameters are repeated N times Verify Telemetry AbsTime_A DELA2170 Verify Telemetry SubscheduleId_A DE075170 Verify Telemetry	- 16 11	10 (None) (None) (None)
9		Verify that one or more TM(11,13) have been received Verify Packet Reception TM 11-13 Summary schedule report Packet Details: APID: Type: Subtype: PI1: PI2: Verify Telemetry N_Repetition DE014170 The following parameters are repeated N times Verify Telemetry AbsTime_A DELA2170 Verify Telemetry SubscheduleId_A DE075170	- 16 11	10 (None) (None)
9		Verify that one or more TM(11,13) have been received Verify Packet Reception TM 11-13 Summary schedule report Packet Details: APID: Type: Subtype: PI1: PI2: Verify Telemetry N_Repetition DE014170 The following parameters are repeated N times Verify Telemetry AbsTime_A DELA2170 Verify Telemetry SubscheduleId_A DE075170 Verify Telemetry	- 16 11	10 (None) (None) (None)





Step No.	Time	Activity/Remarks	TC/TLM	Display/ Branch
10		Verify that TM(5,1,105,11) has been received		Next Step: 14
		Verify Packet Reception CdmuAsw Event 5-1 TM 11-13 Dump Ended Packet Details: APID: Type: Subtype: PI1: PI2:	D_EvRp_7041 16 5 1 26891 0	
		Verify Packet Telemetry TM5xEventID DEZSJ170	= Tm11_13_DmpEnd	(None)
		Verify Packet Telemetry NrOfTmPktIss DE100170	as many as the number of received TM(11,13) in previous step	(None)
		TC Seq. Name :HFD3027D (Get summ MTL part T)		
		TimeTag Type: N Sub Schedule ID: Formal Parameter List : AbsTime ABSTIME1= AbsTime2 ABSTIME2= APID_for_TC_11-x TC_APID= SubscheduleId SUBSCHID=	<abs> <abs> <dec></dec></abs></abs>	
11		Send TC(11,14) to request a summary report of all TCs in the MTL over a time period		Next Step: 12
		When this request is received, a Summary Schedule Report (set of TM(11,13) packets) covering the specified time period for the identified subschedule and application Process(es) will be generated. When the dump of TM(11,13) has ended, an Event Report TM(5,1,105,11) indicating the number of reported TM(11,13) is issued.		



Step				
No.	Time	Activity/Remarks	TC/TLM	Display/ Branch
		In the TC(11,14) it is necessary to set the following		
		parameters:		
		- Time Tag 1: All Telecommands selected by APID and		
		Subschedule ID with an execution time equal or larger than		
		Time Tag 1, up to including Time Tag 2, will be part of the		
		report.		
		- <u>Time Tag 2</u> : Time Tag 2 determines the latest absolute time		
		for which Telecommandswill be part of the report.		
		- <u>Subschedule ID</u> : The Subschedule Identifier allows to identify		
		a set of Telecommands for one or several Applications/users		
		that will be part of the report.		
		If Telecommands from all Subschedule shall be included, this		
		field is set to zero.		
		- N: This field specifies the number of Applications for which a		
		sequence of Telecommands will be part of the report.		
		If N is set to zero all Telecommands between Time Tag 1 and 2		
		(for the identified Subschedule) will be part of the report.		
		- Application Process ID: The APID is the identification of the		
		destination Application Process from which Telecommands		
		are to be included.		
		WARNING: the TC used here has variable length according to the		
		value of N. This must be instantiated at procedure run time following		
		the specific needs. The TC included in the sequence has no		
		repeated values.		
		WARNING: the following TCs are intended to be just examples.		
		Only the first one is instantiated in the TC sequence.		
11.1		Summary report for all Subschedules and for all APID		
		Execute Telecommand		
		Rpt_SumMtlOverTimePerio	DC88F170	
		Command Parameter(s) :		
		AbsTime DHA56170	ABSTIME1	
		AbsTime2 DHA61170 SubscheduleId DH053170	ABSTIME2 0 <dec> (Def)</dec>	
		N_Repetition DH041170	0 <dec> (Der) 0 <dec></dec></dec>	
		TC Control Flags : GBM IL DSE		
		Y		
		Subsch. ID : 10		
		<pre>Det. descr. : TEMPLATE Report MTL TcsOverTimePeriod in summary form, TC(11,14)</pre>		



Step No.	Time	Activity/Remarks	TC/TLM	Display/ Branch
11.2		Detail report for all Subschedules for a specific APID		
		Execute Telecommand		
		Rpt_SumMtlOverTimePerio	DC88F170	
		Command Parameter(s) :		
		AbsTime DHA56170 AbsTime2 DHA61170	ABSTIME1 ABSTIME2	
		SubscheduleId DH053170	0 <dec> (Def)</dec>	
		N_Repetition DH041170	1 <dec></dec>	
		APID_for_TC_11-x DH235170	TC_APID	
		TC Control Flags : GBM IL DSE Y		
		Subsch. ID : 10 Det. descr. : TEMPLATE Report MTL TcsOverTimePeriod in summary form, TC(11,14)		
		This Telecommand will not be included in the export		
11.3		Detail report for a specific Subschedule		
11.3.1		All APIDs		
		Execute Telecommand		
		Rpt_SumMtlOverTimePerio	DC88F170	
		Command Parameter(s) : AbsTime DHA56170 AbsTime2 DHA61170 SubscheduleId DH053170 N_Repetition DH041170 TC Control Flags :	ABSTIME1 ABSTIME2 SUBSCHID 0 <dec></dec>	
		GBM IL DSE Y Subsch. ID : 10 Det. descr. : TEMPLATE Report MTL TcsOverTimePeriod in summary form, TC(11,14) This Telecommand will not be included in the export		
11.3.2		A specific APID		





Step No.	Time	Activity/Remarks	TC/TLM	Display/ Branch
		Execute Telecommand Rpt SumMtlOverTimePerio	DC88F170	
		Command Parameter(s) : AbsTime DHA56170	ABSTIME1	
		AbsTime2 DHA61170	ABSTIME2	
		SubscheduleId DH053170	SUBSCHID	
		N_Repetition DH041170 APID_for_TC_11-x DH235170	1 <dec> TC APID</dec>	
		RFID_IOI_IC_II-X Dh2551/0	IC_AFID	
		TC Control Flags :		
		GBM IL DSE Y		
		Subsch. ID : 10		
		Det. descr. : TEMPLATE Report MTL TcsOverTimePeriod in		
		<pre>summary form, TC(11,14)</pre>		
		This Telesenmend will not be included in the sument		
		This Telecommand will not be included in the export		
				Next Step:
12		Verify that one or more TM(11,13) have been received		13
		Verify Packet Reception		
		TM 11-13 Summary schedule report Packet Details:	SummarSchRep	
		APID:	16	
		Type:	11	
		Subtype: PI1:	13	
		PI2:		
		Verify Telemetry		
		N_Repetition DE014170		(None)
		The following parameters are repeated N times		
		Verify Telemetry AbsTime A DELA2170		
		ADSIIME_A DELAZI/0		(None)
		Verify Telemetry		
		SubscheduleId_A DE075170		(None)
		Verify Telemetry		
		Apid DE053170		(None)
		Verify Telemetry Pkt_Seq_Control DE002170		(None)
				(
				Next Step:
13		Verify that TM(5,1,105,11) has been received		14
		Verify Packet Reception	D ETED 7041	
		CdmuAsw Event 5-1 TM 11-13 Dump Ended Packet Details:	D_EvRp_7041	
		APID:	16	
		Type:	5	
		Subtype: PI1:	1 26891	

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