

HifiManCmd_LCU_Full_Memory_Dump
File: H_FCP_HIF_CLMD.xls
Author: R. Biggins



Procedure Summary

Objectives

The objective of this procedure is to execute a full LCU memory dump.

Based on procedure:
HifiManCmd_LCU_Full_Memory_Dump (v2)

Summary of Constraints

Spacecraft Configuration

Start of Procedure

HIFI is in Standby1 or Standby0 mode

End of Procedure

Reference File(s)

Input Command Sequences

Output Command Sequences

HFHCLMD

Referenced Displays

ANDs GRDs SLDs
ZAZ9C999

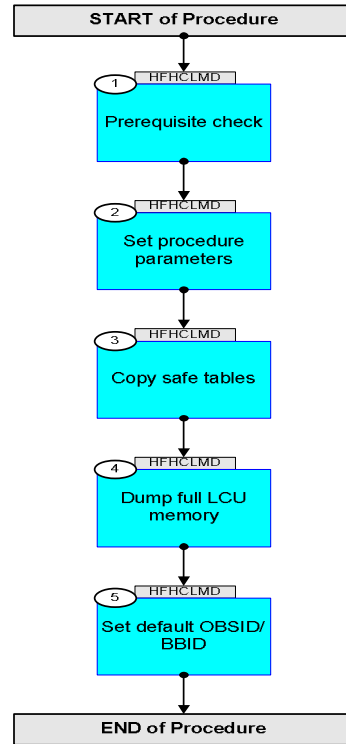
Configuration Control Information

DATE	FOP ISSUE	VERSION	MODIFICATION DESCRIPTION	AUTHOR	SPR REF
19/03/10	3	1	Created	R. Biggins	

HifiManCmd_LCU_Full_Memory_Dump
File: H_FCP_HIF_CLMD.xls
Author: R. Biggins

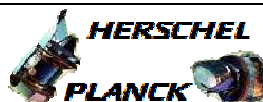


Procedure Flowchart Overview



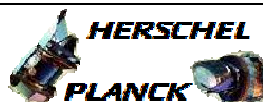
Step No.	Time	Activity/Remarks	TC/TLM	Display/ Branch
Beginning of Procedure				
TC Seq. Name :HFHCLMD (LCU Memory Dump) TimeTag Type: N Sub Schedule ID: <input type="checkbox"/>				
1		Prerequisite check		<input type="checkbox"/>
1.1		HSC/ICC input		<input type="checkbox"/>
		Verify that the HSC/ICC has supplied a valid OBSID value: OBS_ID = 0xxxxx nnnn		
1.2		Check initial conditions		<input type="checkbox"/>
		Verify: HIFI mode HL_MODE_S HM258194	= standby0 = standby1	AND=ZAZ9C999
2		Set procedure parameters		<input type="checkbox"/>
	ET=+ UT=+00.00.00	HIFI_Set_OBS_ID HIFI_Set_OBS_ID Command Parameter(s) : HIFI_BB_ID HP001197 HIFI_OBS_ID HP000197 TC Control Flags : GBM IL DSE --Y -- --- Subsch. ID : 70 Det. descr. : Set Observation-ID and Building-Block-ID	HC014289 1EF20001 <hex> OBS_ID	
		Verify Telemetry BB_ID_per_hk HM004190	= 1EF20001 <hex>	AND=ZAZ9C999
		Verify Telemetry OBS_ID_per_hk HM003190	OBS_ID	AND=ZAZ9C999
3		Copy safe tables		<input type="checkbox"/>

HifiManCmd_LCU_Full_Memory_Dump
File: H_FCP_HIF_CLMD.xls
Author: R. Biggins



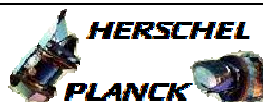
Step No.	Time	Activity/Remarks	TC/TLM	Display/ Branch
	ET=+ UT=+00.00.00	HIFI_LCU_Single HIFI_LCU_Single Command Parameter(s) : HIFI_BB_ID HP001197 LCU_cmd HP234194 TC Control Flags : GBM IL DSE --Y -- --- Subsch. ID : 70 Det. descr. : Send a single command to LCU	HC101289 496041985 <dec> HL_DEF_SAFE	
4		Dump full LCU memory		<input type="checkbox"/>
	ET=+ UT=+00.00.00	HIFI_dump_memory HIFI_dump_memory Command Parameter(s) : OBS_mem_id HP002197 OBS_mem_start HP003197 OBS_mem_length HP004197 TC Control Flags : GBM IL DSE --Y -- --- Subsch. ID : 70 Det. descr. : Dumps part of any memory (LCU-ICU ICU-PRAM, ICU-DRAM)	HC004289 LCU 0 <dec> (Def) 256 <dec>	
	ET=+ UT=+00.00.02	HIFI_dump_memory HIFI_dump_memory Command Parameter(s) : OBS_mem_id HP002197 OBS_mem_start HP003197 OBS_mem_length HP004197 Subsch. ID : 70 Det. descr. : Dumps part of any memory (LCU-ICU ICU-PRAM, ICU-DRAM)	HC004289 LCU 512 <dec> 256 <dec>	
	ET=+ UT=+00.00.02	HIFI_dump_memory HIFI_dump_memory Command Parameter(s) : OBS_mem_id HP002197 OBS_mem_start HP003197 OBS_mem_length HP004197 Subsch. ID : 70 Det. descr. : Dumps part of any memory (LCU-ICU ICU-PRAM, ICU-DRAM)	HC004289 LCU 1024 <dec> 256 <dec>	

HifiManCmd_LCU_Full_Memory_Dump
 File: H_FCP_HIF_CLMD.xls
 Author: R. Biggins



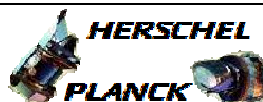
Step No.	Time	Activity/Remarks	TC/TLM	Display/ Branch
	ET=+ UT=+00.00.02	HIFI_dump_memory HIFI_dump_memory Command Parameter(s) : OBS_mem_id HP002197 OBS_mem_start HP003197 OBS_mem_length HP004197 Subsch. ID : 70 Det. descr. : Dumps part of any memory (LCU-ICU ICU-PRAM, ICU-DRAM)	HC004289 LCU 1536 <dec> 256 <dec>	
	ET=+ UT=+00.00.02	HIFI_dump_memory HIFI_dump_memory Command Parameter(s) : OBS_mem_id HP002197 OBS_mem_start HP003197 OBS_mem_length HP004197 Subsch. ID : 70 Det. descr. : Dumps part of any memory (LCU-ICU ICU-PRAM, ICU-DRAM)	HC004289 LCU 2048 <dec> 256 <dec>	
	ET=+ UT=+00.00.02	HIFI_dump_memory HIFI_dump_memory Command Parameter(s) : OBS_mem_id HP002197 OBS_mem_start HP003197 OBS_mem_length HP004197 Subsch. ID : 70 Det. descr. : Dumps part of any memory (LCU-ICU ICU-PRAM, ICU-DRAM)	HC004289 LCU 2560 <dec> 256 <dec>	
	ET=+ UT=+00.00.02	HIFI_dump_memory HIFI_dump_memory Command Parameter(s) : OBS_mem_id HP002197 OBS_mem_start HP003197 OBS_mem_length HP004197 Subsch. ID : 70 Det. descr. : Dumps part of any memory (LCU-ICU ICU-PRAM, ICU-DRAM)	HC004289 LCU 3072 <dec> 256 <dec>	
	ET=+ UT=+00.00.02	HIFI_dump_memory HIFI_dump_memory Command Parameter(s) : OBS_mem_id HP002197 OBS_mem_start HP003197 OBS_mem_length HP004197 Subsch. ID : 70 Det. descr. : Dumps part of any memory (LCU-ICU ICU-PRAM, ICU-DRAM)	HC004289 LCU 3584 <dec> 256 <dec>	

HifiManCmd_LCU_Full_Memory_Dump
 File: H_FCP_HIF_CLMD.xls
 Author: R. Biggins



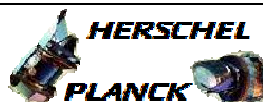
Step No.	Time	Activity/Remarks	TC/TLM	Display/ Branch
	ET=+ UT=+00.00.02	HIFI_dump_memory HIFI_dump_memory Command Parameter(s) : OBS_mem_id HP002197 OBS_mem_start HP003197 OBS_mem_length HP004197 Subsch. ID : 70 Det. descr. : Dumps part of any memory (LCU-ICU ICU-PRAM, ICU-DRAM)	HC004289 LCU 4096 <dec> 256 <dec>	
	ET=+ UT=+00.00.02	HIFI_dump_memory HIFI_dump_memory Command Parameter(s) : OBS_mem_id HP002197 OBS_mem_start HP003197 OBS_mem_length HP004197 Subsch. ID : 70 Det. descr. : Dumps part of any memory (LCU-ICU ICU-PRAM, ICU-DRAM)	HC004289 LCU 4608 <dec> 256 <dec>	
	ET=+ UT=+00.00.02	HIFI_dump_memory HIFI_dump_memory Command Parameter(s) : OBS_mem_id HP002197 OBS_mem_start HP003197 OBS_mem_length HP004197 Subsch. ID : 70 Det. descr. : Dumps part of any memory (LCU-ICU ICU-PRAM, ICU-DRAM)	HC004289 LCU 5120 <dec> 256 <dec>	
	ET=+ UT=+00.00.02	HIFI_dump_memory HIFI_dump_memory Command Parameter(s) : OBS_mem_id HP002197 OBS_mem_start HP003197 OBS_mem_length HP004197 Subsch. ID : 70 Det. descr. : Dumps part of any memory (LCU-ICU ICU-PRAM, ICU-DRAM)	HC004289 LCU 5632 <dec> 256 <dec>	
	ET=+ UT=+00.00.02	HIFI_dump_memory HIFI_dump_memory Command Parameter(s) : OBS_mem_id HP002197 OBS_mem_start HP003197 OBS_mem_length HP004197 Subsch. ID : 70 Det. descr. : Dumps part of any memory (LCU-ICU ICU-PRAM, ICU-DRAM)	HC004289 LCU 6144 <dec> 256 <dec>	

HifiManCmd_LCU_Full_Memory_Dump
 File: H_FCP_HIF_CLMD.xls
 Author: R. Biggins



Step No.	Time	Activity/Remarks	TC/TLM	Display/ Branch
	ET=+ UT=+00.00.02	HIFI_dump_memory HIFI_dump_memory Command Parameter(s) : OBS_mem_id HP002197 OBS_mem_start HP003197 OBS_mem_length HP004197 Subsch. ID : 70 Det. descr. : Dumps part of any memory (LCU-ICU ICU-PRAM, ICU-DRAM)	HC004289 LCU 6656 <dec> 256 <dec>	
	ET=+ UT=+00.00.02	HIFI_dump_memory HIFI_dump_memory Command Parameter(s) : OBS_mem_id HP002197 OBS_mem_start HP003197 OBS_mem_length HP004197 Subsch. ID : 70 Det. descr. : Dumps part of any memory (LCU-ICU ICU-PRAM, ICU-DRAM)	HC004289 LCU 7168 <dec> 256 <dec>	
	ET=+ UT=+00.00.02	HIFI_dump_memory HIFI_dump_memory Command Parameter(s) : OBS_mem_id HP002197 OBS_mem_start HP003197 OBS_mem_length HP004197 Subsch. ID : 70 Det. descr. : Dumps part of any memory (LCU-ICU ICU-PRAM, ICU-DRAM)	HC004289 LCU 7680 <dec> 256 <dec>	
	ET=+ UT=+00.00.02	HIFI_dump_memory HIFI_dump_memory Command Parameter(s) : OBS_mem_id HP002197 OBS_mem_start HP003197 OBS_mem_length HP004197 Subsch. ID : 70 Det. descr. : Dumps part of any memory (LCU-ICU ICU-PRAM, ICU-DRAM)	HC004289 LCU 8192 <dec> 256 <dec>	
	ET=+ UT=+00.00.02	HIFI_dump_memory HIFI_dump_memory Command Parameter(s) : OBS_mem_id HP002197 OBS_mem_start HP003197 OBS_mem_length HP004197 Subsch. ID : 70 Det. descr. : Dumps part of any memory (LCU-ICU ICU-PRAM, ICU-DRAM)	HC004289 LCU 8704 <dec> 256 <dec>	

HifiManCmd_LCU_Full_Memory_Dump
 File: H_FCP_HIF_CLMD.xls
 Author: R. Biggins

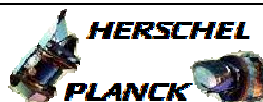


Step No.	Time	Activity/Remarks	TC/TLM	Display/ Branch
	ET=+ UT=+00.00.02	HIFI_dump_memory HIFI_dump_memory Command Parameter(s) : OBS_mem_id HP002197 OBS_mem_start HP003197 OBS_mem_length HP004197 Subsch. ID : 70 Det. descr. : Dumps part of any memory (LCU-ICU ICU-PRAM, ICU-DRAM)	HC004289 LCU 9216 <dec> 256 <dec>	
	ET=+ UT=+00.00.02	HIFI_dump_memory HIFI_dump_memory Command Parameter(s) : OBS_mem_id HP002197 OBS_mem_start HP003197 OBS_mem_length HP004197 Subsch. ID : 70 Det. descr. : Dumps part of any memory (LCU-ICU ICU-PRAM, ICU-DRAM)	HC004289 LCU 9728 <dec> 256 <dec>	
	ET=+ UT=+00.00.02	HIFI_dump_memory HIFI_dump_memory Command Parameter(s) : OBS_mem_id HP002197 OBS_mem_start HP003197 OBS_mem_length HP004197 Subsch. ID : 70 Det. descr. : Dumps part of any memory (LCU-ICU ICU-PRAM, ICU-DRAM)	HC004289 LCU 10240 <dec> 256 <dec>	
	ET=+ UT=+00.00.02	HIFI_dump_memory HIFI_dump_memory Command Parameter(s) : OBS_mem_id HP002197 OBS_mem_start HP003197 OBS_mem_length HP004197 Subsch. ID : 70 Det. descr. : Dumps part of any memory (LCU-ICU ICU-PRAM, ICU-DRAM)	HC004289 LCU 10752 <dec> 256 <dec>	
	ET=+ UT=+00.00.02	HIFI_dump_memory HIFI_dump_memory Command Parameter(s) : OBS_mem_id HP002197 OBS_mem_start HP003197 OBS_mem_length HP004197 Subsch. ID : 70 Det. descr. : Dumps part of any memory (LCU-ICU ICU-PRAM, ICU-DRAM)	HC004289 LCU 11264 <dec> 256 <dec>	

HifiManCmd_LCU_Full_Memory_Dump

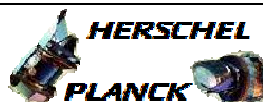
File: H_FCP_HIF_CLMD.xls

Author: R. Biggins



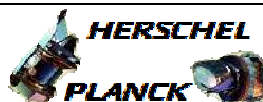
Step No.	Time	Activity/Remarks	TC/TLM	Display/ Branch
	ET=+ UT=+00.00.02	HIFI_dump_memory HIFI_dump_memory Command Parameter(s) : OBS_mem_id HP002197 OBS_mem_start HP003197 OBS_mem_length HP004197 Subsch. ID : 70 Det. descr. : Dumps part of any memory (LCU-ICU ICU-PRAM, ICU-DRAM)	HC004289 LCU 11776 <dec> 256 <dec>	
	ET=+ UT=+00.00.02	HIFI_dump_memory HIFI_dump_memory Command Parameter(s) : OBS_mem_id HP002197 OBS_mem_start HP003197 OBS_mem_length HP004197 Subsch. ID : 70 Det. descr. : Dumps part of any memory (LCU-ICU ICU-PRAM, ICU-DRAM)	HC004289 LCU 12288 <dec> 256 <dec>	
	ET=+ UT=+00.00.02	HIFI_dump_memory HIFI_dump_memory Command Parameter(s) : OBS_mem_id HP002197 OBS_mem_start HP003197 OBS_mem_length HP004197 Subsch. ID : 70 Det. descr. : Dumps part of any memory (LCU-ICU ICU-PRAM, ICU-DRAM)	HC004289 LCU 12800 <dec> 256 <dec>	
	ET=+ UT=+00.00.02	HIFI_dump_memory HIFI_dump_memory Command Parameter(s) : OBS_mem_id HP002197 OBS_mem_start HP003197 OBS_mem_length HP004197 Subsch. ID : 70 Det. descr. : Dumps part of any memory (LCU-ICU ICU-PRAM, ICU-DRAM)	HC004289 LCU 13312 <dec> 256 <dec>	
	ET=+ UT=+00.00.02	HIFI_dump_memory HIFI_dump_memory Command Parameter(s) : OBS_mem_id HP002197 OBS_mem_start HP003197 OBS_mem_length HP004197 Subsch. ID : 70 Det. descr. : Dumps part of any memory (LCU-ICU ICU-PRAM, ICU-DRAM)	HC004289 LCU 13824 <dec> 256 <dec>	

HifiManCmd_LCU_Full_Memory_Dump
 File: H_FCP_HIF_CLMD.xls
 Author: R. Biggins



Step No.	Time	Activity/Remarks	TC/TLM	Display/ Branch
	ET=+ UT=+00.00.02	HIFI_dump_memory HIFI_dump_memory Command Parameter(s) : OBS_mem_id HP002197 OBS_mem_start HP003197 OBS_mem_length HP004197 Subsch. ID : 70 Det. descr. : Dumps part of any memory (LCU-ICU ICU-PRAM, ICU-DRAM)	HC004289 LCU 14336 <dec> 256 <dec>	
	ET=+ UT=+00.00.02	HIFI_dump_memory HIFI_dump_memory Command Parameter(s) : OBS_mem_id HP002197 OBS_mem_start HP003197 OBS_mem_length HP004197 Subsch. ID : 70 Det. descr. : Dumps part of any memory (LCU-ICU ICU-PRAM, ICU-DRAM)	HC004289 LCU 14848 <dec> 256 <dec>	
	ET=+ UT=+00.00.02	HIFI_dump_memory HIFI_dump_memory Command Parameter(s) : OBS_mem_id HP002197 OBS_mem_start HP003197 OBS_mem_length HP004197 Subsch. ID : 70 Det. descr. : Dumps part of any memory (LCU-ICU ICU-PRAM, ICU-DRAM)	HC004289 LCU 15360 <dec> 256 <dec>	
	ET=+ UT=+00.00.02	HIFI_dump_memory HIFI_dump_memory Command Parameter(s) : OBS_mem_id HP002197 OBS_mem_start HP003197 OBS_mem_length HP004197 Subsch. ID : 70 Det. descr. : Dumps part of any memory (LCU-ICU ICU-PRAM, ICU-DRAM)	HC004289 LCU 15872 <dec> 256 <dec>	
	ET=+ UT=+00.00.02	HIFI_dump_memory HIFI_dump_memory Command Parameter(s) : OBS_mem_id HP002197 OBS_mem_start HP003197 OBS_mem_length HP004197 Subsch. ID : 70 Det. descr. : Dumps part of any memory (LCU-ICU ICU-PRAM, ICU-DRAM)	HC004289 LCU 16384 <dec> 256 <dec>	

HifiManCmd_LCU_Full_Memory_Dump
 File: H_FCP_HIF_CLMD.xls
 Author: R. Biggins

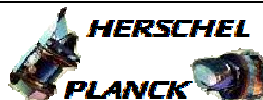


Step No.	Time	Activity/Remarks	TC/TLM	Display/ Branch
	ET=+ UT=+00.00.02	HIFI_dump_memory HIFI_dump_memory Command Parameter(s) : OBS_mem_id HP002197 OBS_mem_start HP003197 OBS_mem_length HP004197 Subsch. ID : 70 Det. descr. : Dumps part of any memory (LCU-ICU ICU-PRAM, ICU-DRAM)	HC004289 LCU 16896 <dec> 256 <dec>	
	ET=+ UT=+00.00.02	HIFI_dump_memory HIFI_dump_memory Command Parameter(s) : OBS_mem_id HP002197 OBS_mem_start HP003197 OBS_mem_length HP004197 Subsch. ID : 70 Det. descr. : Dumps part of any memory (LCU-ICU ICU-PRAM, ICU-DRAM)	HC004289 LCU 17408 <dec> 256 <dec>	
	ET=+ UT=+00.00.02	HIFI_dump_memory HIFI_dump_memory Command Parameter(s) : OBS_mem_id HP002197 OBS_mem_start HP003197 OBS_mem_length HP004197 Subsch. ID : 70 Det. descr. : Dumps part of any memory (LCU-ICU ICU-PRAM, ICU-DRAM)	HC004289 LCU 17920 <dec> 256 <dec>	
	ET=+ UT=+00.00.02	HIFI_dump_memory HIFI_dump_memory Command Parameter(s) : OBS_mem_id HP002197 OBS_mem_start HP003197 OBS_mem_length HP004197 Subsch. ID : 70 Det. descr. : Dumps part of any memory (LCU-ICU ICU-PRAM, ICU-DRAM)	HC004289 LCU 18432 <dec> 256 <dec>	
	ET=+ UT=+00.00.02	HIFI_dump_memory HIFI_dump_memory Command Parameter(s) : OBS_mem_id HP002197 OBS_mem_start HP003197 OBS_mem_length HP004197 Subsch. ID : 70 Det. descr. : Dumps part of any memory (LCU-ICU ICU-PRAM, ICU-DRAM)	HC004289 LCU 18944 <dec> 256 <dec>	

HifiManCmd_LCU_Full_Memory_Dump

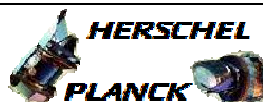
File: H_FCP_HIF_CLMD.xls

Author: R. Biggins



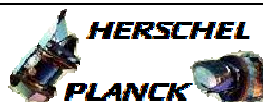
Step No.	Time	Activity/Remarks	TC/TLM	Display/ Branch
	ET=+ UT=+00.00.02	HIFI_dump_memory HIFI_dump_memory Command Parameter(s) : OBS_mem_id HP002197 OBS_mem_start HP003197 OBS_mem_length HP004197 Subsch. ID : 70 Det. descr. : Dumps part of any memory (LCU-ICU ICU-PRAM, ICU-DRAM)	HC004289 LCU 19456 <dec> 256 <dec>	
	ET=+ UT=+00.00.02	HIFI_dump_memory HIFI_dump_memory Command Parameter(s) : OBS_mem_id HP002197 OBS_mem_start HP003197 OBS_mem_length HP004197 Subsch. ID : 70 Det. descr. : Dumps part of any memory (LCU-ICU ICU-PRAM, ICU-DRAM)	HC004289 LCU 19968 <dec> 256 <dec>	
	ET=+ UT=+00.00.02	HIFI_dump_memory HIFI_dump_memory Command Parameter(s) : OBS_mem_id HP002197 OBS_mem_start HP003197 OBS_mem_length HP004197 Subsch. ID : 70 Det. descr. : Dumps part of any memory (LCU-ICU ICU-PRAM, ICU-DRAM)	HC004289 LCU 20480 <dec> 256 <dec>	
	ET=+ UT=+00.00.02	HIFI_dump_memory HIFI_dump_memory Command Parameter(s) : OBS_mem_id HP002197 OBS_mem_start HP003197 OBS_mem_length HP004197 Subsch. ID : 70 Det. descr. : Dumps part of any memory (LCU-ICU ICU-PRAM, ICU-DRAM)	HC004289 LCU 20992 <dec> 256 <dec>	
	ET=+ UT=+00.00.02	HIFI_dump_memory HIFI_dump_memory Command Parameter(s) : OBS_mem_id HP002197 OBS_mem_start HP003197 OBS_mem_length HP004197 Subsch. ID : 70 Det. descr. : Dumps part of any memory (LCU-ICU ICU-PRAM, ICU-DRAM)	HC004289 LCU 21504 <dec> 256 <dec>	

HifiManCmd_LCU_Full_Memory_Dump
File: H_FCP_HIF_CLMD.xls
Author: R. Biggins



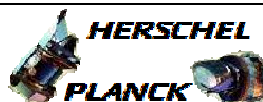
Step No.	Time	Activity/Remarks	TC/TLM	Display/ Branch
	ET=+ UT=+00.00.02	HIFI_dump_memory HIFI_dump_memory Command Parameter(s) : OBS_mem_id HP002197 OBS_mem_start HP003197 OBS_mem_length HP004197 Subsch. ID : 70 Det. descr. : Dumps part of any memory (LCU-ICU ICU-PRAM, ICU-DRAM)	HC004289 LCU 22016 <dec> 256 <dec>	
	ET=+ UT=+00.00.02	HIFI_dump_memory HIFI_dump_memory Command Parameter(s) : OBS_mem_id HP002197 OBS_mem_start HP003197 OBS_mem_length HP004197 Subsch. ID : 70 Det. descr. : Dumps part of any memory (LCU-ICU ICU-PRAM, ICU-DRAM)	HC004289 LCU 22528 <dec> 256 <dec>	
	ET=+ UT=+00.00.02	HIFI_dump_memory HIFI_dump_memory Command Parameter(s) : OBS_mem_id HP002197 OBS_mem_start HP003197 OBS_mem_length HP004197 Subsch. ID : 70 Det. descr. : Dumps part of any memory (LCU-ICU ICU-PRAM, ICU-DRAM)	HC004289 LCU 23040 <dec> 256 <dec>	
	ET=+ UT=+00.00.02	HIFI_dump_memory HIFI_dump_memory Command Parameter(s) : OBS_mem_id HP002197 OBS_mem_start HP003197 OBS_mem_length HP004197 Subsch. ID : 70 Det. descr. : Dumps part of any memory (LCU-ICU ICU-PRAM, ICU-DRAM)	HC004289 LCU 23552 <dec> 256 <dec>	
	ET=+ UT=+00.00.02	HIFI_dump_memory HIFI_dump_memory Command Parameter(s) : OBS_mem_id HP002197 OBS_mem_start HP003197 OBS_mem_length HP004197 Subsch. ID : 70 Det. descr. : Dumps part of any memory (LCU-ICU ICU-PRAM, ICU-DRAM)	HC004289 LCU 24064 <dec> 256 <dec>	

HifiManCmd_LCU_Full_Memory_Dump
 File: H_FCP_HIF_CLMD.xls
 Author: R. Biggins



Step No.	Time	Activity/Remarks	TC/TLM	Display/ Branch
	ET=+ UT=+00.00.02	HIFI_dump_memory HIFI_dump_memory Command Parameter(s) : OBS_mem_id HP002197 OBS_mem_start HP003197 OBS_mem_length HP004197 Subsch. ID : 70 Det. descr. : Dumps part of any memory (LCU-ICU ICU-PRAM, ICU-DRAM)	HC004289 LCU 24576 <dec> 256 <dec>	
	ET=+ UT=+00.00.02	HIFI_dump_memory HIFI_dump_memory Command Parameter(s) : OBS_mem_id HP002197 OBS_mem_start HP003197 OBS_mem_length HP004197 Subsch. ID : 70 Det. descr. : Dumps part of any memory (LCU-ICU ICU-PRAM, ICU-DRAM)	HC004289 LCU 25088 <dec> 256 <dec>	
	ET=+ UT=+00.00.02	HIFI_dump_memory HIFI_dump_memory Command Parameter(s) : OBS_mem_id HP002197 OBS_mem_start HP003197 OBS_mem_length HP004197 Subsch. ID : 70 Det. descr. : Dumps part of any memory (LCU-ICU ICU-PRAM, ICU-DRAM)	HC004289 LCU 25600 <dec> 256 <dec>	
	ET=+ UT=+00.00.02	HIFI_dump_memory HIFI_dump_memory Command Parameter(s) : OBS_mem_id HP002197 OBS_mem_start HP003197 OBS_mem_length HP004197 Subsch. ID : 70 Det. descr. : Dumps part of any memory (LCU-ICU ICU-PRAM, ICU-DRAM)	HC004289 LCU 26112 <dec> 256 <dec>	
	ET=+ UT=+00.00.02	HIFI_dump_memory HIFI_dump_memory Command Parameter(s) : OBS_mem_id HP002197 OBS_mem_start HP003197 OBS_mem_length HP004197 Subsch. ID : 70 Det. descr. : Dumps part of any memory (LCU-ICU ICU-PRAM, ICU-DRAM)	HC004289 LCU 26624 <dec> 256 <dec>	

HifiManCmd_LCU_Full_Memory_Dump
 File: H_FCP_HIF_CLMD.xls
 Author: R. Biggins

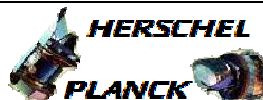


Step No.	Time	Activity/Remarks	TC/TLM	Display/ Branch
	ET=+ UT=+00.00.02	HIFI_dump_memory HIFI_dump_memory Command Parameter(s) : OBS_mem_id HP002197 OBS_mem_start HP003197 OBS_mem_length HP004197 Subsch. ID : 70 Det. descr. : Dumps part of any memory (LCU-ICU ICU-PRAM, ICU-DRAM)	HC004289 LCU 27136 <dec> 256 <dec>	
	ET=+ UT=+00.00.02	HIFI_dump_memory HIFI_dump_memory Command Parameter(s) : OBS_mem_id HP002197 OBS_mem_start HP003197 OBS_mem_length HP004197 Subsch. ID : 70 Det. descr. : Dumps part of any memory (LCU-ICU ICU-PRAM, ICU-DRAM)	HC004289 LCU 27648 <dec> 256 <dec>	
	ET=+ UT=+00.00.02	HIFI_dump_memory HIFI_dump_memory Command Parameter(s) : OBS_mem_id HP002197 OBS_mem_start HP003197 OBS_mem_length HP004197 Subsch. ID : 70 Det. descr. : Dumps part of any memory (LCU-ICU ICU-PRAM, ICU-DRAM)	HC004289 LCU 28160 <dec> 256 <dec>	
	ET=+ UT=+00.00.02	HIFI_dump_memory HIFI_dump_memory Command Parameter(s) : OBS_mem_id HP002197 OBS_mem_start HP003197 OBS_mem_length HP004197 Subsch. ID : 70 Det. descr. : Dumps part of any memory (LCU-ICU ICU-PRAM, ICU-DRAM)	HC004289 LCU 28672 <dec> 256 <dec>	
	ET=+ UT=+00.00.02	HIFI_dump_memory HIFI_dump_memory Command Parameter(s) : OBS_mem_id HP002197 OBS_mem_start HP003197 OBS_mem_length HP004197 Subsch. ID : 70 Det. descr. : Dumps part of any memory (LCU-ICU ICU-PRAM, ICU-DRAM)	HC004289 LCU 29184 <dec> 256 <dec>	

HifiManCmd_LCU_Full_Memory_Dump

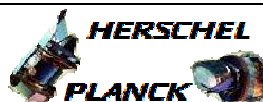
File: H_FCP_HIF_CLMD.xls

Author: R. Biggins



Step No.	Time	Activity/Remarks	TC/TLM	Display/ Branch
	ET=+ UT=+00.00.02	HIFI_dump_memory HIFI_dump_memory Command Parameter(s) : OBS_mem_id HP002197 OBS_mem_start HP003197 OBS_mem_length HP004197 Subsch. ID : 70 Det. descr. : Dumps part of any memory (LCU-ICU ICU-PRAM, ICU-DRAM)	HC004289 LCU 29696 <dec> 256 <dec>	
	ET=+ UT=+00.00.02	HIFI_dump_memory HIFI_dump_memory Command Parameter(s) : OBS_mem_id HP002197 OBS_mem_start HP003197 OBS_mem_length HP004197 Subsch. ID : 70 Det. descr. : Dumps part of any memory (LCU-ICU ICU-PRAM, ICU-DRAM)	HC004289 LCU 30208 <dec> 256 <dec>	
	ET=+ UT=+00.00.02	HIFI_dump_memory HIFI_dump_memory Command Parameter(s) : OBS_mem_id HP002197 OBS_mem_start HP003197 OBS_mem_length HP004197 Subsch. ID : 70 Det. descr. : Dumps part of any memory (LCU-ICU ICU-PRAM, ICU-DRAM)	HC004289 LCU 30720 <dec> 256 <dec>	
	ET=+ UT=+00.00.02	HIFI_dump_memory HIFI_dump_memory Command Parameter(s) : OBS_mem_id HP002197 OBS_mem_start HP003197 OBS_mem_length HP004197 Subsch. ID : 70 Det. descr. : Dumps part of any memory (LCU-ICU ICU-PRAM, ICU-DRAM)	HC004289 LCU 31232 <dec> 256 <dec>	
	ET=+ UT=+00.00.02	HIFI_dump_memory HIFI_dump_memory Command Parameter(s) : OBS_mem_id HP002197 OBS_mem_start HP003197 OBS_mem_length HP004197 Subsch. ID : 70 Det. descr. : Dumps part of any memory (LCU-ICU ICU-PRAM, ICU-DRAM)	HC004289 LCU 31744 <dec> 256 <dec>	

HifiManCmd_LCU_Full_Memory_Dump
 File: H_FCP_HIF_CLMD.xls
 Author: R. Biggins



Step No.	Time	Activity/Remarks	TC/TLM	Display/ Branch
	ET=+ UT=+00.00.02	HIFI_dump_memory <div>HIFI_dump_memory</div> Command Parameter(s) : <div> <div>OBS_mem_idHP002197</div> <div>OBS_mem_startHP003197</div> <div>OBS_mem_lengthHP004197</div> </div> Subsch. ID : 70 Det. descr. : Dumps part of any memory (LCU-ICU ICU-PRAM, ICU-DRAM)	HC004289 LCU 32256 <dec> 256 <dec>	
5		Set default OBSID/BBID		<input type="checkbox"/>
	ET=+ UT=+00.00.05	HIFI_Set_OBS_ID <div>HIFI_Set_OBS_ID</div> Command Parameter(s) : <div> <div>HIFI_BB_IDHP001197</div> <div>HIFI_OBS_IDHP000197</div> </div> Subsch. ID : 70 Det. descr. : Set Observation-ID and Building-Block-ID	HC014289 0 <hex> (Def) 0 <hex> (Def)	
		Verify Telemetry <div>BB_ID_per_hkHM004190</div>	= 0 <hex>	AND=ZAZ9C999
		Verify Telemetry <div>OBS_ID_per_hkHM003190</div>	= 0 <hex>	AND=ZAZ9C999
		HIFI to confirm that the downlink was successful and that there are no unexpected errors in the LCU memory.		
End of Procedure				