

Load Instrument FDIR OBCPs
 File: H_CRP_DHS_OBCP.xls
 Author: cmevi-hp



Procedure Summary

Objectives

To load the OBCPs defined for Instrument FDIR

Summary of Constraints

OBCP function running

Spacecraft Configuration

Start of Procedure

No Instrument FDIR OBCP loaded

End of Procedure

Instrument FDIR OBCP loaded

Reference File(s)

Input Command Sequences

Output Command Sequences

HRDOBCP

Referenced Displays

ANDs	GRDs	SLDs
ZAZAI999		(None)

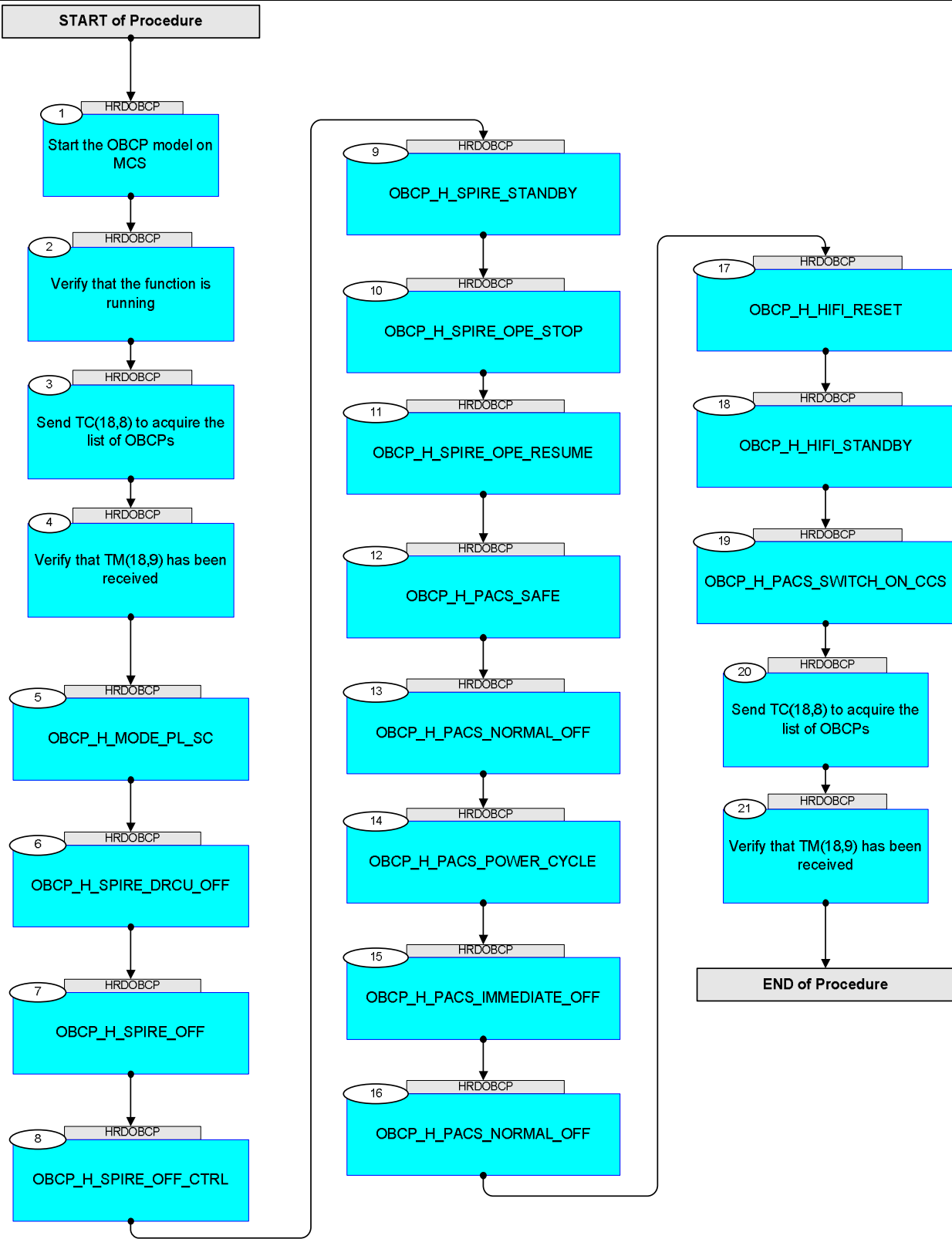
Configuration Control Information

DATE	FOP ISSUE	VERSION	MODIFICATION DESCRIPTION	AUTHOR	SPR REF
24/11/08	2	1	Created	S. Manganelli	
20/03/09	2.2	2	Modified following OBSW 3_8_2 (OBCP_H_MODE_PL_SC and OBCP_H_HIFI_RESET changed)	S. Manganelli	
05/05/09	2.4	3	Updated to incorporate changes in OBSW 3_10 DB	S. Manganelli	
18/07/09	2.5	4	Order of last two commands to upload OBCP ID 0x1105 corrected.	cmevi-hp	

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Procedure Flowchart Overview



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Step No.	Time	Activity/Remarks	TC/TLM	Display/ Branch	AIT Comment
Beginning of Procedure					
HRDOBCP <i>TC Seq. Name :HRDOBCP (Load of Instr OBCPs)</i> <i>Loading the OBCPs that manage the Instrument FDIR</i> <i>TimeTag Type: N</i> <i>Sub Schedule ID:</i> <input type="checkbox"/>					
1		Start the OBCP model on MCS		Next Step: 2	
2		Verify that the function is running		Next Step: 3	
		Verify Telemetry <div style="display: flex; justify-content: space-around;"> ObcpSts DEH36170 = Running </div>		AND=ZAZAI999	
3		Send TC(18,8) to acquire the list of OBCPs		Next Step: 4	
		When this request is received, a report Type (18,9) is generated.			
		Execute Telecommand <div style="text-align: center;"> ReptOnBoardObcps <i>TC Control Flags :</i> <div style="display: flex; justify-content: space-around;"> GBM IL DSE --Y -- </div> </div> <i>Subsch. ID : 10</i> <i>Det. descr. : TEMPLATE Report list of on-board OBCPs</i> TC(18,8)	DCT76170	TC	
4		Verify that TM(18,9) has been received		Next Step: 5	
		Verify Packet Reception <i>TM 18-9 List of on-board Procedures</i> Packet Mnemonic : OnBrdObcpLst APID : 16 Type : 18 Subtype : 9 PI1 : PI2 :			
		Verify Telemetry <div style="display: flex; justify-content: space-around;"> N_Repetition DE014170 </div>		(None)	
		The following parameter is repeated N times			
		Verify Telemetry <div style="display: flex; justify-content: space-around;"> ProcedureID DE293170 </div>		(None)	
5		OBCP_H_MODE_PL_SC		Next Step: 6	

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Step No.	Time	Activity/Remarks	TC/TLM	Display/ Branch	AIT Comment
	ET= UT=	Obcp_0001_COM_01 TC Control Flags : GBM IL DSE --Y -- --- Subsch. ID : 10 Det. descr. : DB_OBCP_H_MODE_PL_SC - OBCP load(18,1) 1/10	DC101185	TC	
	ET= UT=	Obcp_0001_COM_02 TC Control Flags : GBM IL DSE --Y -- --- Subsch. ID : 10 Det. descr. : DB_OBCP_H_MODE_PL_SC - OBCP load(18,1) 2/10	DC102185	TC	
	ET= UT=	Obcp_0001_COM_03 TC Control Flags : GBM IL DSE --Y -- --- Subsch. ID : 10 Det. descr. : DB_OBCP_H_MODE_PL_SC - OBCP load(18,1) 3/10	DC103185	TC	
	ET= UT=	Obcp_0001_COM_04 TC Control Flags : GBM IL DSE --Y -- --- Subsch. ID : 10 Det. descr. : DB_OBCP_H_MODE_PL_SC - OBCP load(18,1) 4/10	DC104185	TC	
	ET= UT=	Obcp_0001_COM_05 TC Control Flags : GBM IL DSE --Y -- --- Subsch. ID : 10 Det. descr. : DB_OBCP_H_MODE_PL_SC - OBCP load(18,1) 5/10	DC105185	TC	
	ET= UT=	Obcp_0001_COM_06 TC Control Flags : GBM IL DSE --Y -- --- Subsch. ID : 10 Det. descr. : DB_OBCP_H_MODE_PL_SC - OBCP load(18,1) 6/10	DC106185	TC	
	ET= UT=	Obcp_0001_COM_07 TC Control Flags : GBM IL DSE --Y -- --- Subsch. ID : 10 Det. descr. : DB_OBCP_H_MODE_PL_SC - OBCP load(18,1) 7/10	DC107185	TC	

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Step No.	Time	Activity/Remarks	TC/TLM	Display/ Branch	AIT Comment
	ET= UT=	Obcp_0001_COM_08 TC Control Flags : GBM IL DSE --Y -- --- Subsch. ID : 10 Det. descr. : DB_OBCP_H_MODE_PL_SC - OBCP load(18,1) 8/10	DC108185	TC	
	ET= UT=	Obcp_0001_COM_09 TC Control Flags : GBM IL DSE --Y -- --- Subsch. ID : 10 Det. descr. : DB_OBCP_H_MODE_PL_SC - OBCP load(18,1) 9/10	DC109185	TC	
	ET= UT=	Obcp_0001_COM_FF TC Control Flags : GBM IL DSE --Y -- --- Subsch. ID : 10 Det. descr. : DB_OBCP_H_MODE_PL_SC - OBCP load(18,1) 10/10	DC1FF185	TC	
6		OBCP_H_SPIRE_DRCU_OFF		Next Step: 7	
	ET= UT=	Obcp_1102_SPI_01 TC Control Flags : GBM IL DSE --Y -- --- Subsch. ID : 10 Det. descr. : DB_OBCP_H_SPIRE_DRCU_OFF - OBCP load(18,1) 1/8	DC201185	TC	
	ET= UT=	Obcp_1102_SPI_02 TC Control Flags : GBM IL DSE --Y -- --- Subsch. ID : 10 Det. descr. : DB_OBCP_H_SPIRE_DRCU_OFF - OBCP load(18,1) 2/8	DC202185	TC	
	ET= UT=	Obcp_1102_SPI_03 TC Control Flags : GBM IL DSE --Y -- --- Subsch. ID : 10 Det. descr. : DB_OBCP_H_SPIRE_DRCU_OFF - OBCP load(18,1) 3/8	DC203185	TC	
	ET= UT=	Obcp_1102_SPI_04 TC Control Flags : GBM IL DSE --Y -- --- Subsch. ID : 10 Det. descr. : DB_OBCP_H_SPIRE_DRCU_OFF - OBCP load(18,1) 4/8	DC204185	TC	

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Step No.	Time	Activity/Remarks	TC/TLM	Display/ Branch	AIT Comment
	ET= UT=	Obcp_1102_SPI_05	DC205185	TC	
		TC Control Flags : <div style="text-align: right;">GBM IL DSE --Y -- ---</div> Subsch. ID : 10 Det. descr. : DB_OBCP_H_SPIRE_DRCU_OFF - OBCP load(18,1) 5/8			
	ET= UT=	Obcp_1102_SPI_06	DC206185	TC	
		TC Control Flags : <div style="text-align: right;">GBM IL DSE --Y -- ---</div> Subsch. ID : 10 Det. descr. : DB_OBCP_H_SPIRE_DRCU_OFF - OBCP load(18,1) 6/8			
	ET= UT=	Obcp_1102_SPI_07	DC207185	TC	
		TC Control Flags : <div style="text-align: right;">GBM IL DSE --Y -- ---</div> Subsch. ID : 10 Det. descr. : DB_OBCP_H_SPIRE_DRCU_OFF - OBCP load(18,1) 7/8			
	ET= UT=	Obcp_1102_SPI_FF	DC2FF185	TC	
		TC Control Flags : <div style="text-align: right;">GBM IL DSE --Y -- ---</div> Subsch. ID : 10 Det. descr. : DB_OBCP_H_SPIRE_DRCU_OFF - OBCP load(18,1) 8/8			
7		OBCP_H_SPIRE_OFF		Next Step: 8	
	ET= UT=	Obcp_1103_SPI_01	DC301185	TC	
		TC Control Flags : <div style="text-align: right;">GBM IL DSE --Y -- ---</div> Subsch. ID : 10 Det. descr. : DB_OBCP_H_SPIRE_OFF.txt - OBCP load(18,1) 1/10			
	ET= UT=	Obcp_1103_SPI_02	DC302185	TC	
		TC Control Flags : <div style="text-align: right;">GBM IL DSE --Y -- ---</div> Subsch. ID : 10 Det. descr. : DB_OBCP_H_SPIRE_OFF.txt - OBCP load(18,1) 2/10			
	ET= UT=	Obcp_1103_SPI_03	DC303185	TC	
		TC Control Flags : <div style="text-align: right;">GBM IL DSE --Y -- ---</div> Subsch. ID : 10 Det. descr. : DB_OBCP_H_SPIRE_OFF.txt - OBCP load(18,1) 3/10			

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Step No.	Time	Activity/Remarks	TC/TLM	Display/ Branch	AIT Comment
	ET= UT=	Obcp_1103_SPI_04	DC304185	TC	
		TC Control Flags : <div style="text-align: right;">GBM IL DSE --Y -- ---</div> Subsch. ID : 10 Det. descr. : DB_OBCP_H_SPIRE_OFF.txt - OBCP load(18,1) 4/10			
	ET= UT=	Obcp_1103_SPI_05	DC305185	TC	
		TC Control Flags : <div style="text-align: right;">GBM IL DSE --Y -- ---</div> Subsch. ID : 10 Det. descr. : DB_OBCP_H_SPIRE_OFF.txt - OBCP load(18,1) 5/10			
	ET= UT=	Obcp_1103_SPI_06	DC306185	TC	
		TC Control Flags : <div style="text-align: right;">GBM IL DSE --Y -- ---</div> Subsch. ID : 10 Det. descr. : DB_OBCP_H_SPIRE_OFF.txt - OBCP load(18,1) 6/10			
	ET= UT=	Obcp_1103_SPI_07	DC307185	TC	
		TC Control Flags : <div style="text-align: right;">GBM IL DSE --Y -- ---</div> Subsch. ID : 10 Det. descr. : DB_OBCP_H_SPIRE_OFF.txt - OBCP load(18,1) 7/10			
	ET= UT=	Obcp_1103_SPI_08	DC308185	TC	
		TC Control Flags : <div style="text-align: right;">GBM IL DSE --Y -- ---</div> Subsch. ID : 10 Det. descr. : DB_OBCP_H_SPIRE_OFF.txt - OBCP load(18,1) 8/10			
	ET= UT=	Obcp_1103_SPI_09	DC309185	TC	
		TC Control Flags : <div style="text-align: right;">GBM IL DSE --Y -- ---</div> Subsch. ID : 10 Det. descr. : DB_OBCP_H_SPIRE_OFF.txt - OBCP load(18,1) 9/10			
	ET= UT=	Obcp_1103_SPI_FF	DC3FF185	TC	
		TC Control Flags : <div style="text-align: right;">GBM IL DSE --Y -- ---</div> Subsch. ID : 10 Det. descr. : DB_OBCP_H_SPIRE_OFF.txt - OBCP load(18,1) 10/10			
8		OBCP_H_SPIRE_OFF_CTRL		Next Step: 9	

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Step No.	Time	Activity/Remarks	TC/TLM	Display/ Branch	AIT Comment
	ET= UT=	Obcp_1104_SPI_01	DC401185	TC	
		TC Control Flags : <div style="text-align: right;">GBM IL DSE --Y -- ---</div> Subsch. ID : 10 Det. descr. : DB_OBCP_H_SPIRE_OFF_CTRL - OBCP load(18,1) 1/12			
	ET= UT=	Obcp_1104_SPI_02	DC402185	TC	
		TC Control Flags : <div style="text-align: right;">GBM IL DSE --Y -- ---</div> Subsch. ID : 10 Det. descr. : DB_OBCP_H_SPIRE_OFF_CTRL - OBCP load(18,1) 2/12			
	ET= UT=	Obcp_1104_SPI_03	DC403185	TC	
		TC Control Flags : <div style="text-align: right;">GBM IL DSE --Y -- ---</div> Subsch. ID : 10 Det. descr. : DB_OBCP_H_SPIRE_OFF_CTRL - OBCP load(18,1) 3/12			
	ET= UT=	Obcp_1104_SPI_04	DC404185	TC	
		TC Control Flags : <div style="text-align: right;">GBM IL DSE --Y -- ---</div> Subsch. ID : 10 Det. descr. : DB_OBCP_H_SPIRE_OFF_CTRL - OBCP load(18,1) 4/12			
	ET= UT=	Obcp_1104_SPI_05	DC405185	TC	
		TC Control Flags : <div style="text-align: right;">GBM IL DSE --Y -- ---</div> Subsch. ID : 10 Det. descr. : DB_OBCP_H_SPIRE_OFF_CTRL - OBCP load(18,1) 5/12			
	ET= UT=	Obcp_1104_SPI_06	DC406185	TC	
		TC Control Flags : <div style="text-align: right;">GBM IL DSE --Y -- ---</div> Subsch. ID : 10 Det. descr. : DB_OBCP_H_SPIRE_OFF_CTRL - OBCP load(18,1) 6/12			
	ET= UT=	Obcp_1104_SPI_07	DC407185	TC	
		TC Control Flags : <div style="text-align: right;">GBM IL DSE --Y -- ---</div> Subsch. ID : 10 Det. descr. : DB_OBCP_H_SPIRE_OFF_CTRL - OBCP load(18,1) 7/12			

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Step No.	Time	Activity/Remarks	TC/TLM	Display/ Branch	AIT Comment
	ET= UT=	Obcp_1105_SPI_03	DC503185	TC	
		TC Control Flags : <div style="text-align: right;">GBM IL DSE --Y -- ---</div> Subsch. ID : 10 Det. descr. : DB_OBCP_H_SPIRE_STANDBY - OBCP load(18,1) 3/9			
	ET= UT=	Obcp_1105_SPI_04	DC504185	TC	
		TC Control Flags : <div style="text-align: right;">GBM IL DSE --Y -- ---</div> Subsch. ID : 10 Det. descr. : DB_OBCP_H_SPIRE_STANDBY - OBCP load(18,1) 4/9			
	ET= UT=	Obcp_1105_SPI_05	DC505185	TC	
		TC Control Flags : <div style="text-align: right;">GBM IL DSE --Y -- ---</div> Subsch. ID : 10 Det. descr. : DB_OBCP_H_SPIRE_STANDBY - OBCP load(18,1) 5/9			
	ET= UT=	Obcp_1105_SPI_06	DC506185	TC	
		TC Control Flags : <div style="text-align: right;">GBM IL DSE --Y -- ---</div> Subsch. ID : 10 Det. descr. : DB_OBCP_H_SPIRE_STANDBY - OBCP load(18,1) 6/9			
	ET= UT=	Obcp_1105_SPI_07	DC507185	TC	
		TC Control Flags : <div style="text-align: right;">GBM IL DSE --Y -- ---</div> Subsch. ID : 10 Det. descr. : DB_OBCP_H_SPIRE_STANDBY - OBCP load(18,1) 7/9			
	ET= UT=	Obcp_1105_SPI_08	DC508185	TC	
		TC Control Flags : <div style="text-align: right;">GBM IL DSE --Y -- ---</div> Subsch. ID : 10 Det. descr. : DB_OBCP_H_SPIRE_STANDBY - OBCP load(18,1) 8/9			
	ET= UT=	Obcp_1105_SPI_FF	DC5FF185	TC	
		TC Control Flags : <div style="text-align: right;">GBM IL DSE --Y -- ---</div> Subsch. ID : 10 Det. descr. : DB_OBCP_H_SPIRE_STANDBY - OBCP load(18,1) 9/9			
10		OBCP_H_SPIRE_OPE_STOP		Next Step: 11	

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Step No.	Time	Activity/Remarks	TC/TLM	Display/ Branch	AIT Comment
	ET= UT=	Obcp_1106_SPI_01	DC601185	TC	
		TC Control Flags : <div style="text-align: right;">GBM IL DSE --Y -- ---</div> Subsch. ID : 10 Det. descr. : DB_OBCP_H_SPIRE_OPE_STOP - OBCP load(18,1) 1/5			
	ET= UT=	Obcp_1106_SPI_02	DC602185	TC	
		TC Control Flags : <div style="text-align: right;">GBM IL DSE --Y -- ---</div> Subsch. ID : 10 Det. descr. : DB_OBCP_H_SPIRE_OPE_STOP - OBCP load(18,1) 2/5			
	ET= UT=	Obcp_1106_SPI_03	DC603185	TC	
		TC Control Flags : <div style="text-align: right;">GBM IL DSE --Y -- ---</div> Subsch. ID : 10 Det. descr. : DB_OBCP_H_SPIRE_OPE_STOP - OBCP load(18,1) 3/5			
	ET= UT=	Obcp_1106_SPI_04	DC604185	TC	
		TC Control Flags : <div style="text-align: right;">GBM IL DSE --Y -- ---</div> Subsch. ID : 10 Det. descr. : DB_OBCP_H_SPIRE_OPE_STOP - OBCP load(18,1) 4/5			
	ET= UT=	Obcp_1106_SPI_FF	DC6FF185	TC	
		TC Control Flags : <div style="text-align: right;">GBM IL DSE --Y -- ---</div> Subsch. ID : 10 Det. descr. : DB_OBCP_H_SPIRE_OPE_STOP - OBCP load(18,1) 5/5			
11		OBCP_H_SPIRE_OPE_RESUME		Next Step: 12	
	ET= UT=	Obcp_1107_SPI_01	DC701185	TC	
		TC Control Flags : <div style="text-align: right;">GBM IL DSE --Y -- ---</div> Subsch. ID : 10 Det. descr. : DB_OBCP_H_SPIRE_OPE_RESUME - OBCP load(18,1) 1/5			
	ET= UT=	Obcp_1107_SPI_02	DC702185	TC	
		TC Control Flags : <div style="text-align: right;">GBM IL DSE --Y -- ---</div> Subsch. ID : 10 Det. descr. : DB_OBCP_H_SPIRE_OPE_RESUME - OBCP load(18,1) 2/5			

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Step No.	Time	Activity/Remarks	TC/TLM	Display/ Branch	AIT Comment
	ET= UT=	Obcp_1107_SPI_03 <i>TC Control Flags :</i> GBM IL DSE --Y -- --- Subsch. ID : 10 Det. descr. : DB_OBCP_H_SPIRE_OPE_RESUME - OBCP load(18,1) 3/5	DC703185	TC	
	ET= UT=	Obcp_1107_SPI_04 <i>TC Control Flags :</i> GBM IL DSE --Y -- --- Subsch. ID : 10 Det. descr. : DB_OBCP_H_SPIRE_OPE_RESUME - OBCP load(18,1) 4/5	DC704185	TC	
	ET= UT=	Obcp_1107_SPI_FF <i>TC Control Flags :</i> GBM IL DSE --Y -- --- Subsch. ID : 10 Det. descr. : DB_OBCP_H_SPIRE_OPE_RESUME - OBCP load(18,1) 5/5	DC7FF185	TC	
12		OBCP_H_PACS_SAFE		Next Step: 13	
	ET= UT=	Obcp_1208_PAC_01 <i>TC Control Flags :</i> GBM IL DSE --Y -- --- Subsch. ID : 10 Det. descr. : DB_OBCP_H_PACS_SAFE - OBCP load(18,1) 1/14	DC801185	TC	
	ET= UT=	Obcp_1208_PAC_02 <i>TC Control Flags :</i> GBM IL DSE --Y -- --- Subsch. ID : 10 Det. descr. : DB_OBCP_H_PACS_SAFE - OBCP load(18,1) 2/14	DC802185	TC	
	ET= UT=	Obcp_1208_PAC_03 <i>TC Control Flags :</i> GBM IL DSE --Y -- --- Subsch. ID : 10 Det. descr. : DB_OBCP_H_PACS_SAFE - OBCP load(18,1) 3/14	DC803185	TC	
	ET= UT=	Obcp_1208_PAC_04 <i>TC Control Flags :</i> GBM IL DSE --Y -- --- Subsch. ID : 10 Det. descr. : DB_OBCP_H_PACS_SAFE - OBCP load(18,1) 4/14	DC804185	TC	

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	ET= UT=	Obcp_1208_PAC_05 TC Control Flags : GBM IL DSE --Y -- --- Subsch. ID : 10 Det. descr. : DB_OBCP_H_PACS_SAFE - OBCP load(18,1) 5/14	DC805185	TC	
	ET= UT=	Obcp_1208_PAC_06 TC Control Flags : GBM IL DSE --Y -- --- Subsch. ID : 10 Det. descr. : DB_OBCP_H_PACS_SAFE - OBCP load(18,1) 6/14	DC806185	TC	
	ET= UT=	Obcp_1208_PAC_07 TC Control Flags : GBM IL DSE --Y -- --- Subsch. ID : 10 Det. descr. : DB_OBCP_H_PACS_SAFE - OBCP load(18,1) 7/14	DC807185	TC	
	ET= UT=	Obcp_1208_PAC_08 TC Control Flags : GBM IL DSE --Y -- --- Subsch. ID : 10 Det. descr. : DB_OBCP_H_PACS_SAFE - OBCP load(18,1) 8/14	DC808185	TC	
	ET= UT=	Obcp_1208_PAC_09 TC Control Flags : GBM IL DSE --Y -- --- Subsch. ID : 10 Det. descr. : DB_OBCP_H_PACS_SAFE - OBCP load(18,1) 9/14	DC809185	TC	
	ET= UT=	Obcp_1208_PAC_0A TC Control Flags : GBM IL DSE --Y -- --- Subsch. ID : 10 Det. descr. : DB_OBCP_H_PACS_SAFE - OBCP load(18,1) 10/14	DC80A185	TC	
	ET= UT=	Obcp_1208_PAC_0B TC Control Flags : GBM IL DSE --Y -- --- Subsch. ID : 10 Det. descr. : DB_OBCP_H_PACS_SAFE - OBCP load(18,1) 11/14	DC80B185	TC	

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Step No.	Time	Activity/Remarks	TC/TLM	Display/ Branch	AIT Comment
	ET= UT=	Obcp_9000_COM_05 <i>TC Control Flags :</i> <div style="text-align: right;">GBM IL DSE --Y -- ---</div> Subsch. ID : 10 Det. descr. : PACS_normal_off - OBCP load(18,1) 5/16	DC005185	TC	
	ET= UT=	Obcp_9000_COM_06 <i>TC Control Flags :</i> <div style="text-align: right;">GBM IL DSE --Y -- ---</div> Subsch. ID : 10 Det. descr. : PACS_normal_off - OBCP load(18,1) 6/16	DC006185	TC	
	ET= UT=	Obcp_9000_COM_07 <i>TC Control Flags :</i> <div style="text-align: right;">GBM IL DSE --Y -- ---</div> Subsch. ID : 10 Det. descr. : PACS_normal_off - OBCP load(18,1) 7/16	DC007185	TC	
	ET= UT=	Obcp_9000_COM_08 <i>TC Control Flags :</i> <div style="text-align: right;">GBM IL DSE --Y -- ---</div> Subsch. ID : 10 Det. descr. : PACS_normal_off - OBCP load(18,1) 8/16	DC008185	TC	
	ET= UT=	Obcp_9000_COM_09 <i>TC Control Flags :</i> <div style="text-align: right;">GBM IL DSE --Y -- ---</div> Subsch. ID : 10 Det. descr. : PACS_normal_off - OBCP load(18,1) 9/16	DC009185	TC	
	ET= UT=	Obcp_9000_COM_0A <i>TC Control Flags :</i> <div style="text-align: right;">GBM IL DSE --Y -- ---</div> Subsch. ID : 10 Det. descr. : PACS_normal_off - OBCP load(18,1) 10/16	DC00A185	TC	
	ET= UT=	Obcp_9000_COM_0B <i>TC Control Flags :</i> <div style="text-align: right;">GBM IL DSE --Y -- ---</div> Subsch. ID : 10 Det. descr. : PACS_normal_off - OBCP load(18,1) 11/16	DC00B185	TC	
	ET= UT=	Obcp_9000_COM_0C <i>TC Control Flags :</i> <div style="text-align: right;">GBM IL DSE --Y -- ---</div> Subsch. ID : 10 Det. descr. : PACS_normal_off - OBCP load(18,1) 12/16	DC00C185	TC	

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Step No.	Time	Activity/Remarks	TC/TLM	Display/ Branch	AIT Comment
	ET= UT=	Obcp_9000_COM_0D <i>TC Control Flags :</i> <div style="text-align: right;">GBM IL DSE --Y -- ---</div> <i>Subsch. ID : 10</i> <i>Det. descr. : PACS_normal_off - OBCP load(18,1) 13/16</i>	DC00D185	TC	
	ET= UT=	Obcp_9000_COM_0E <i>TC Control Flags :</i> <div style="text-align: right;">GBM IL DSE --Y -- ---</div> <i>Subsch. ID : 10</i> <i>Det. descr. : PACS_normal_off - OBCP load(18,1) 14/16</i>	DC00E185	TC	
	ET= UT=	Obcp_9000_COM_0F <i>TC Control Flags :</i> <div style="text-align: right;">GBM IL DSE --Y -- ---</div> <i>Subsch. ID : 10</i> <i>Det. descr. : PACS_normal_off - OBCP load(18,1) 15/16</i>	DC00F185	TC	
	ET= UT=	Obcp_9000_COM_FF <i>TC Control Flags :</i> <div style="text-align: right;">GBM IL DSE --Y -- ---</div> <i>Subsch. ID : 10</i> <i>Det. descr. : PACS_normal_off - OBCP load(18,1) 16/16</i>	DC0FF185	TC	
14		OBCP_H_PACS_POWER_CYCLE		Next Step: 15	
	ET= UT=	Obcp_120A_PAC_01 <i>TC Control Flags :</i> <div style="text-align: right;">GBM IL DSE --Y -- ---</div> <i>Subsch. ID : 10</i> <i>Det. descr. : DB_OBCP_H_PACS_POWER_CYCLE - OBCP load(18,1) 1/6</i>	DCA01185	TC	
	ET= UT=	Obcp_120A_PAC_02 <i>TC Control Flags :</i> <div style="text-align: right;">GBM IL DSE --Y -- ---</div> <i>Subsch. ID : 10</i> <i>Det. descr. : DB_OBCP_H_PACS_POWER_CYCLE - OBCP load(18,1) 2/6</i>	DCA02185	TC	
	ET= UT=	Obcp_120A_PAC_03 <i>TC Control Flags :</i> <div style="text-align: right;">GBM IL DSE --Y -- ---</div> <i>Subsch. ID : 10</i> <i>Det. descr. : DB_OBCP_H_PACS_POWER_CYCLE - OBCP load(18,1) 3/6</i>	DCA03185	TC	

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Step No.	Time	Activity/Remarks	TC/TLM	Display/ Branch	AIT Comment
	ET= UT=	Obcp_120A_PAC_04	DCA04185	TC	
		TC Control Flags : <div style="text-align: right;">GBM IL DSE --Y -- ---</div> Subsch. ID : 10 Det. descr. : DB_OBCP_H_PACS_POWER_CYCLE - OBCP load(18,1) 4/6			
	ET= UT=	Obcp_120A_PAC_05	DCA05185	TC	
		TC Control Flags : <div style="text-align: right;">GBM IL DSE --Y -- ---</div> Subsch. ID : 10 Det. descr. : DB_OBCP_H_PACS_POWER_CYCLE - OBCP load(18,1) 5/6			
	ET= UT=	Obcp_120A_PAC_FF	DCAFF185	TC	
		TC Control Flags : <div style="text-align: right;">GBM IL DSE --Y -- ---</div> Subsch. ID : 10 Det. descr. : DB_OBCP_H_PACS_POWER_CYCLE - OBCP load(18,1) 6/6			
15		OBCP_H_PACS_IMMEDIATE_OFF		Next Step: 16	
	ET= UT=	Obcp_120B_PAC_01	DCB01185	TC	
		TC Control Flags : <div style="text-align: right;">GBM IL DSE --Y -- ---</div> Subsch. ID : 10 Det. descr. : DB_OBCP_H_PACS_IMMEDIATE_OFF - OBCP load(18,1) 1/13			
	ET= UT=	Obcp_120B_PAC_02	DCB02185	TC	
		TC Control Flags : <div style="text-align: right;">GBM IL DSE --Y -- ---</div> Subsch. ID : 10 Det. descr. : DB_OBCP_H_PACS_IMMEDIATE_OFF - OBCP load(18,1) 2/13			
	ET= UT=	Obcp_120B_PAC_03	DCB03185	TC	
		TC Control Flags : <div style="text-align: right;">GBM IL DSE --Y -- ---</div> Subsch. ID : 10 Det. descr. : DB_OBCP_H_PACS_IMMEDIATE_OFF - OBCP load(18,1) 3/13			
	ET= UT=	Obcp_120B_PAC_04	DCB04185	TC	
		TC Control Flags : <div style="text-align: right;">GBM IL DSE --Y -- ---</div> Subsch. ID : 10 Det. descr. : DB_OBCP_H_PACS_IMMEDIATE_OFF - OBCP load(18,1) 4/13			

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Step No.	Time	Activity/Remarks	TC/TLM	Display/ Branch	AIT Comment
	ET= UT=	Obcp_900F_COM_02 TC Control Flags : GBM IL DSE --Y -- --- Subsch. ID : 10 Det. descr. : PACS_switch_on_CCS - OBCP load(18,1) 2/32	DCF02185	TC	
	ET= UT=	Obcp_900F_COM_03 TC Control Flags : GBM IL DSE --Y -- --- Subsch. ID : 10 Det. descr. : PACS_switch_on_CCS - OBCP load(18,1) 3/32	DCF03185	TC	
	ET= UT=	Obcp_900F_COM_04 TC Control Flags : GBM IL DSE --Y -- --- Subsch. ID : 10 Det. descr. : PACS_switch_on_CCS - OBCP load(18,1) 4/32	DCF04185	TC	
	ET= UT=	Obcp_900F_COM_05 TC Control Flags : GBM IL DSE --Y -- --- Subsch. ID : 10 Det. descr. : PACS_switch_on_CCS - OBCP load(18,1) 5/32	DCF05185	TC	
	ET= UT=	Obcp_900F_COM_06 TC Control Flags : GBM IL DSE --Y -- --- Subsch. ID : 10 Det. descr. : PACS_switch_on_CCS - OBCP load(18,1) 6/32	DCF06185	TC	
	ET= UT=	Obcp_900F_COM_07 TC Control Flags : GBM IL DSE --Y -- --- Subsch. ID : 10 Det. descr. : PACS_switch_on_CCS - OBCP load(18,1) 7/32	DCF07185	TC	
	ET= UT=	Obcp_900F_COM_08 TC Control Flags : GBM IL DSE --Y -- --- Subsch. ID : 10 Det. descr. : PACS_switch_on_CCS - OBCP load(18,1) 8/32	DCF08185	TC	

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Step No.	Time	Activity/Remarks	TC/TLM	Display/ Branch	AIT Comment
	ET= UT=	Obcp_900F_COM_09 TC Control Flags : GBM IL DSE --Y -- --- Subsch. ID : 10 Det. descr. : PACS_switch_on_CCS - OBCP load(18,1) 9/32	DCF09185	TC	
	ET= UT=	Obcp_900F_COM_0A TC Control Flags : GBM IL DSE --Y -- --- Subsch. ID : 10 Det. descr. : PACS_switch_on_CCS - OBCP load(18,1) 10/32	DCF0A185	TC	
	ET= UT=	Obcp_900F_COM_0B TC Control Flags : GBM IL DSE --Y -- --- Subsch. ID : 10 Det. descr. : PACS_switch_on_CCS - OBCP load(18,1) 11/32	DCF0B185	TC	
	ET= UT=	Obcp_900F_COM_0C TC Control Flags : GBM IL DSE --Y -- --- Subsch. ID : 10 Det. descr. : PACS_switch_on_CCS - OBCP load(18,1) 12/32	DCF0C185	TC	
	ET= UT=	Obcp_900F_COM_0D TC Control Flags : GBM IL DSE --Y -- --- Subsch. ID : 10 Det. descr. : PACS_switch_on_CCS - OBCP load(18,1) 13/32	DCF0D185	TC	
	ET= UT=	Obcp_900F_COM_0E TC Control Flags : GBM IL DSE --Y -- --- Subsch. ID : 10 Det. descr. : PACS_switch_on_CCS - OBCP load(18,1) 14/32	DCF0E185	TC	
	ET= UT=	Obcp_900F_COM_0F TC Control Flags : GBM IL DSE --Y -- --- Subsch. ID : 10 Det. descr. : PACS_switch_on_CCS - OBCP load(18,1) 15/32	DCF0F185	TC	

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Step No.	Time	Activity/Remarks	TC/TLM	Display/ Branch	AIT Comment
	ET= UT=	Obcp_900F_COM_10 TC Control Flags : GBM IL DSE --Y -- --- Subsch. ID : 10 Det. descr. : PACS_switch_on_CCS - OBCP load(18,1) 16/32	DCF10185	TC	
	ET= UT=	Obcp_900F_COM_11 TC Control Flags : GBM IL DSE --Y -- --- Subsch. ID : 10 Det. descr. : PACS_switch_on_CCS - OBCP load(18,1) 17/32	DCF11185	TC	
	ET= UT=	Obcp_900F_COM_12 TC Control Flags : GBM IL DSE --Y -- --- Subsch. ID : 10 Det. descr. : PACS_switch_on_CCS - OBCP load(18,1) 18/32	DCF12185	TC	
	ET= UT=	Obcp_900F_COM_13 TC Control Flags : GBM IL DSE --Y -- --- Subsch. ID : 10 Det. descr. : PACS_switch_on_CCS - OBCP load(18,1) 19/32	DCF13185	TC	
	ET= UT=	Obcp_900F_COM_14 TC Control Flags : GBM IL DSE --Y -- --- Subsch. ID : 10 Det. descr. : PACS_switch_on_CCS - OBCP load(18,1) 20/32	DCF14185	TC	
	ET= UT=	Obcp_900F_COM_15 TC Control Flags : GBM IL DSE --Y -- --- Subsch. ID : 10 Det. descr. : PACS_switch_on_CCS - OBCP load(18,1) 21/32	DCF15185	TC	
	ET= UT=	Obcp_900F_COM_16 TC Control Flags : GBM IL DSE --Y -- --- Subsch. ID : 10 Det. descr. : PACS_switch_on_CCS - OBCP load(18,1) 22/32	DCF16185	TC	

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Step No.	Time	Activity/Remarks	TC/TLM	Display/ Branch	AIT Comment
	ET= UT=	Obcp_900F_COM_17 TC Control Flags : GBM IL DSE --Y -- --- Subsch. ID : 10 Det. descr. : PACS_switch_on_CCS - OBCP load(18,1) 23/32	DCF17185	TC	
	ET= UT=	Obcp_900F_COM_18 TC Control Flags : GBM IL DSE --Y -- --- Subsch. ID : 10 Det. descr. : PACS_switch_on_CCS - OBCP load(18,1) 24/32	DCF18185	TC	
	ET= UT=	Obcp_900F_COM_19 TC Control Flags : GBM IL DSE --Y -- --- Subsch. ID : 10 Det. descr. : PACS_switch_on_CCS - OBCP load(18,1) 25/32	DCF19185	TC	
	ET= UT=	Obcp_900F_COM_1A TC Control Flags : GBM IL DSE --Y -- --- Subsch. ID : 10 Det. descr. : PACS_switch_on_CCS - OBCP load(18,1) 26/32	DCF1A185	TC	
	ET= UT=	Obcp_900F_COM_1B TC Control Flags : GBM IL DSE --Y -- --- Subsch. ID : 10 Det. descr. : PACS_switch_on_CCS - OBCP load(18,1) 27/32	DCF1B185	TC	
	ET= UT=	Obcp_900F_COM_1C TC Control Flags : GBM IL DSE --Y -- --- Subsch. ID : 10 Det. descr. : PACS_switch_on_CCS - OBCP load(18,1) 28/32	DCF1C185	TC	
	ET= UT=	Obcp_900F_COM_1D TC Control Flags : GBM IL DSE --Y -- --- Subsch. ID : 10 Det. descr. : PACS_switch_on_CCS - OBCP load(18,1) 29/32	DCF1D185	TC	

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Step No.	Time	Activity/Remarks	TC/TLM	Display/ Branch	AIT Comment
	ET= UT=	Obcp_900F_COM_1E	DCF1E185	TC	
		TC Control Flags : GEM IL DSE --Y -- --- Subsch. ID : 10 Det. descr. : PACS_switch_on_CCS - OBCP load(18,1) 30/32			
	ET= UT=	Obcp_900F_COM_1F	DCF1F185	TC	
		TC Control Flags : GEM IL DSE --Y -- --- Subsch. ID : 10 Det. descr. : PACS_switch_on_CCS - OBCP load(18,1) 31/32			
	ET= UT=	Obcp_900F_COM_FF	DCFFF185	TC	
		TC Control Flags : GEM IL DSE --Y -- --- Subsch. ID : 10 Det. descr. : PACS_switch_on_CCS - OBCP load(18,1) 32/32			
20		Send TC(18,8) to acquire the list of OBCPs		Next Step: 21	
		When this request is received, a report Type (18,9) is generated.			
		Execute Telecommand ReptOnBoardObcps	DCT76170	TC	
		TC Control Flags : GEM IL DSE --Y -- --- Subsch. ID : 10 Det. descr. : TEMPLATE Report list of on-board OBCPs TC(18,8)			
21		Verify that TM(18,9) has been received		Next Step: END	
		Verify Packet Reception TM 18-9 List of on-board Procedures Packet Mnemonic : OnBrdObcpLst APID : 16 Type : 18 Subtype : 9 PI1 : PI2 :			
		Verify Telemetry N_Repetition	DE014170	(None)	
		The following parameter is repeated N times			
		Verify Telemetry ProcedureID	DE293170	(None)	
End of Sequence					
End of Procedure					