

PACS_Spec_Gra_IST_Filt_List_OBS
 File: H_COP_PAC_G301.xls
 Author: R. Biggins



Procedure Summary

Objectives

The objective of this procedure is to tune the elliptical filter of the controller by running a loop on 6 sets of parameters for the S/W filters in the grating controller

Based on procedure:
 PACS_Spec_Gra_IST_Filt_List_OBS (v1 dated 16.03.2009)

Summary of Constraints

This test MUST happen with a rate of 4 deg/sec (The delays are too short for 1 deg/sec)

RT Science must be enabled to receive the Diagnostic HK packets

Spacecraft Configuration

Start of Procedure

PACS in NO_PRIME (SAFE) mode

End of Procedure

PACS in NO_PRIME (SAFE) mode
 - PACS is generating Spectroscopy HK

Reference File(s)

Input Command Sequences

Output Command Sequences

HCPG301X
 HCPG301Y

Referenced Displays

ANDs	GRDs	SLDs
ZAZ97999		
ZAZ98999		

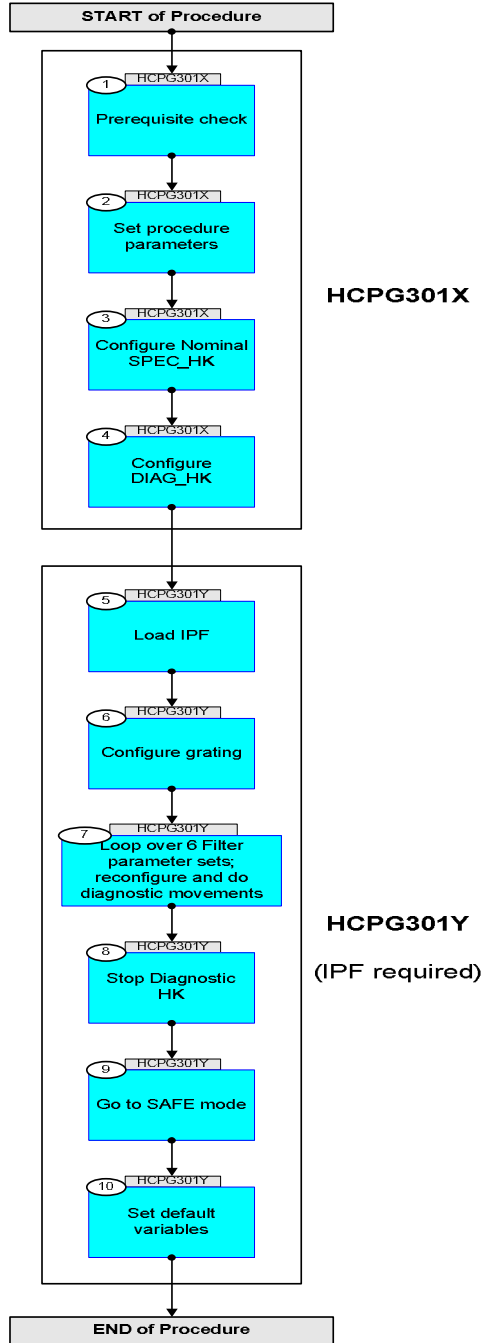
Configuration Control Information

DATE	FOP ISSUE	VERSION	MODIFICATION DESCRIPTION	AUTHOR	SPR REF
17/04/09	2.3	1	Created	R. Biggins	
28/04/09	2.4	2	Update due to problems in IPF - ET times removed	R. Biggins	

PACS_Spec_Gra_IST_Filt_List_OBS
 File: H_COP_PAC_G301.xls
 Author: R. Biggins



Procedure Flowchart Overview



PACS_Spec_Gra_IST_Filt_List_OBS
 File: H_COP_PAC_G301.xls
 Author: R. Biggins



Step No.	Time	Activity/Remarks	TC/TLM	Display/ Branch
Beginning of Procedure				
<p><i>TC Seq. Name :HCPG301X (Controller Tuning)</i></p> <p><i>TimeTag Type: B</i> <i>Sub Schedule ID:</i></p> <p style="text-align: center;">□</p>				
1		<i>Prerequisite check</i>		Next Step: 2
1.1		<i>HSC/ICC input</i>		□
		Verify that the HSC has supplied a valid OBSID value: OBS_ID = 0xnnnn nnnn		
		Verify: the following IPF file has been generated and can be called from the Manual Stack (where vvvv is the latest version number): HCPG301Y_GRATFILT_vvvv.IPF		
1.2		<i>PACS Mode</i>		□
		Verify Telemetry <div style="display: flex; justify-content: space-around;"> DP_TM_RATE PM049380 </div> <div style="display: flex; justify-content: space-around;"> = NO PRIME = SAFE </div>		AND=ZAZ97999
2		<i>Set procedure parameters</i>		Next Step: 3
	ET=+ UT=+00.00.00	DMC_SET_OBSID Command Parameter(s) : <div style="display: flex; justify-content: space-around;"> OBSERVATION_ID PP069420 </div> TC Control Flags : <div style="display: flex; justify-content: space-around;"> GBM IL DSE --Y -- -- </div> Subsch. ID : 90 Det. descr. : SET OBSID IN DMC	PC078420 OBS_ID	
3		<i>Configure Nominal SPEC_HK</i>		Next Step: 4

PACS_Spec_Gra_IST_Filt_List_OBS
 File: H_COP_PAC_G301.xls
 Author: R. Biggins



Step No.	Time	Activity/Remarks	TC/TLM	Display/ Branch
	ET=+ UT=+00.00.01	DPU_SET_HK_LIST DPU_SET_HK_LIST Command Parameter(s) : HK_PACKET_ID PP005380 SPU_ARRAY PP025380 Subsch. ID : 90 Det. descr. : SET THE PREDIFINED LIST OF HK VALUES FOR THE HK PACKET	PC003380 SPEC BOTH Array	
		Verify Telemetry DP_TM_RATE PM049380	= SPEC	AND=ZAZ98999
4		Configure DIAG_HK		Next Step: 5
	ET=+ UT=+00.00.01	DMC_SET_BBID DMC_SET_BBID Command Parameter(s) : BUILDING_BLOCK_ID PP070420 TC Control Flags : GBM IL DSE --Y -- --- Subsch. ID : 90 Det. descr. : SET BBID IN DMC	PC079420 409D0001 <hex>	
	ET=+ UT=+00.00.01	DMC_WRT_DIAG_HK_LIST DMC_WRT_DIAG_HK_LIST Command Parameter(s) : DMC_DATA_LENGTH PP065420 DMC_4_BYTES_WORDS_DATA PP067420 DMC_4_BYTES_WORDS_DATA PP067420 DMC_4_BYTES_WORDS_DATA PP067420 DMC_4_BYTES_WORDS_DATA PP067420 DMC_CHECKSUM PP066420 Subsch. ID : 90 Det. descr. : WRITE THE LIST OF DIAGNOSTIC HK INTO DMC MEMORY	PC160420 4 <dec> FA <hex> FB <hex> 1C4 <hex> FFFF <hex> CDF9 <hex>	
	ET=+ UT=+00.00.01	DMC_START_DIAG_HK DMC_START_DIAG_HK Command Parameter(s) : DIAG_HK_PERIOD PP076420 Subsch. ID : 90 Det. descr. : START THE ACQUISITION OF THE DIAGNOSTIC HK	PC146420 0 <dec>	
		NOTE: The verification of the generation of the TM(21,3) diagnostic packets cannot be done on the MCS, but can be seen on the NCTRS (VC7)		

PACS_Spec_Gra_IST_Filt_List_OBS
 File: H_COP_PAC_G301.xls
 Author: R. Biggins



Step No.	Time	Activity/Remarks	TC/TLM	Display/ Branch																														
<p><i>TC Seq. Name : HCPG301Y (Controller Tuning)</i></p> <p><i>TimeTag Type: N</i> <i>Sub Schedule ID:</i></p> <p>□</p>																																		
5		Load IPF		Next Step: 6																														
		<p>Load the following IPF (TPF) file into the Manual Stack (where vvvv is the latest version number):</p> <p>HCPG301Y_GRATFILT_vvvv.IPF</p>																																
6		Configure grating		Next Step: 7																														
	ET=+ UT=+00.00.01	<p>DMC_WRT_GRAT_CONF_PAR</p> <p style="text-align: right;">DMC_WRT_GRAT_CONF_PAR</p> <p>Command Parameter(s) :</p> <table border="0"> <tr><td>DMC_4_BYTES_WORDS_DATA</td><td>PP067420</td><td>1</td></tr> <tr><td>DMC_4_BYTES_WORDS_DATA</td><td>PP067420</td><td>2</td></tr> <tr><td>DMC_4_BYTES_WORDS_DATA</td><td>PP067420</td><td>3</td></tr> <tr><td>DMC_4_BYTES_WORDS_DATA</td><td>PP067420</td><td>4</td></tr> <tr><td>DMC_4_BYTES_WORDS_DATA</td><td>PP067420</td><td>5</td></tr> <tr><td>DMC_4_BYTES_WORDS_DATA</td><td>PP067420</td><td>6</td></tr> <tr><td>DMC_4_BYTES_WORDS_DATA</td><td>PP067420</td><td>7</td></tr> <tr><td>DMC_4_BYTES_WORDS_DATA</td><td>PP067420</td><td>8</td></tr> <tr><td>DMC_4_BYTES_WORDS_DATA</td><td>PP067420</td><td>9</td></tr> <tr><td>DMC_4_BYTES_WORDS_DATA</td><td>PP066420</td><td>10</td></tr> </table> <p>TC Control Flags :</p> <p style="text-align: right;">GBM IL DSE --Y -- --</p> <p>Subsch. ID : 90 Det. descr. : WRITE THE PARAMETERS TO CONFIGURE THE GRATING SERVO LOOP</p>	DMC_4_BYTES_WORDS_DATA	PP067420	1	DMC_4_BYTES_WORDS_DATA	PP067420	2	DMC_4_BYTES_WORDS_DATA	PP067420	3	DMC_4_BYTES_WORDS_DATA	PP067420	4	DMC_4_BYTES_WORDS_DATA	PP067420	5	DMC_4_BYTES_WORDS_DATA	PP067420	6	DMC_4_BYTES_WORDS_DATA	PP067420	7	DMC_4_BYTES_WORDS_DATA	PP067420	8	DMC_4_BYTES_WORDS_DATA	PP067420	9	DMC_4_BYTES_WORDS_DATA	PP066420	10	PC162420	
DMC_4_BYTES_WORDS_DATA	PP067420	1																																
DMC_4_BYTES_WORDS_DATA	PP067420	2																																
DMC_4_BYTES_WORDS_DATA	PP067420	3																																
DMC_4_BYTES_WORDS_DATA	PP067420	4																																
DMC_4_BYTES_WORDS_DATA	PP067420	5																																
DMC_4_BYTES_WORDS_DATA	PP067420	6																																
DMC_4_BYTES_WORDS_DATA	PP067420	7																																
DMC_4_BYTES_WORDS_DATA	PP067420	8																																
DMC_4_BYTES_WORDS_DATA	PP067420	9																																
DMC_4_BYTES_WORDS_DATA	PP066420	10																																
	ET=+ UT=+00.00.00	<p>DMC_WRT_GRAT_CONF_FILT</p> <p style="text-align: right;">DMC_WRT_GRAT_CONF_FILT</p> <p>Command Parameter(s) :</p> <table border="0"> <tr><td>DMC_4_BYTES_WORDS_DATA</td><td>PP067420</td><td>11</td></tr> <tr><td>DMC_4_BYTES_WORDS_DATA</td><td>PP067420</td><td>12</td></tr> <tr><td>DMC_4_BYTES_WORDS_DATA</td><td>PP067420</td><td>13</td></tr> <tr><td>DMC_4_BYTES_WORDS_DATA</td><td>PP067420</td><td>14</td></tr> <tr><td>DMC_4_BYTES_WORDS_DATA</td><td>PP067420</td><td>15</td></tr> <tr><td>DMC_4_BYTES_WORDS_DATA</td><td>PP066420</td><td>16</td></tr> </table> <p>Subsch. ID : 90 Det. descr. : WRITE THE PARAMETERS OF THE GRATING CONTROLLER FILTER</p>	DMC_4_BYTES_WORDS_DATA	PP067420	11	DMC_4_BYTES_WORDS_DATA	PP067420	12	DMC_4_BYTES_WORDS_DATA	PP067420	13	DMC_4_BYTES_WORDS_DATA	PP067420	14	DMC_4_BYTES_WORDS_DATA	PP067420	15	DMC_4_BYTES_WORDS_DATA	PP066420	16	PC378420													
DMC_4_BYTES_WORDS_DATA	PP067420	11																																
DMC_4_BYTES_WORDS_DATA	PP067420	12																																
DMC_4_BYTES_WORDS_DATA	PP067420	13																																
DMC_4_BYTES_WORDS_DATA	PP067420	14																																
DMC_4_BYTES_WORDS_DATA	PP067420	15																																
DMC_4_BYTES_WORDS_DATA	PP066420	16																																

PACS_Spec_Gra_IST_Filt_List_OBS
 File: H_COP_PAC_G301.xls
 Author: R. Biggins



Step No.	Time	Activity/Remarks	TC/TLM	Display/ Branch
	ET=+ UT=+00.00.01	DMC_WRT_GRAT_INDUC_AMPL DMC_WRT_GRAT_INDUC_AMPL Command Parameter(s) : DMC_4_BYTES_WORDS_DATA PP067420 DMC_CHECKSUM PP066420 Subsch. ID : 90 Det. descr. : WRITE THE AMPLITUDE OF THE INDUCTOSYN EXCITATION SIGNAL	PC203420 17 18	
	ET=+ UT=+00.00.01	DMC_WRT_GRAT_HALLOFFSET DMC_WRT_GRAT_HALLOFFSET Command Parameter(s) : DMC_4_BYTES_WORDS_DATA PP067420 DMC_CHECKSUM PP066420 Subsch. ID : 90 Det. descr. : WRITE THE OFFSET OF THE HALL SENSORS OF THE GRATING	PC368420 19 20	
	ET=+ UT=+00.00.01	DMC_WRT_GRAT_RANGE DMC_WRT_GRAT_RANGE Command Parameter(s) : DMC_4_BYTES_WORDS_DATA PP067420 DMC_CHECKSUM PP066420 Subsch. ID : 90 Det. descr. : WRITE THE NUMBER OF ENCODER STEPS OF THE HARDSTOPS	PC204420 21 22	
	ET=+ UT=+00.03.01	DMC_SWON_GRAT_CONT DMC_SWON_GRAT_CONT Subsch. ID : 90 Det. descr. : SWITCH ON GRATING CONTROLLER	PC108420	
	ET=+ UT=+00.00.01	DMC_ENABLE_GRAT_CONT DMC_ENABLE_GRAT_CONT Subsch. ID : 90 Det. descr. : ENABLE GRATING CONTROLLER	PC110420	
	ET=+ UT=+00.00.01	DMC_HOME_GRAT DMC_HOME_GRAT Command Parameter(s) : HOMING_MODE PP077420 Subsch. ID : 90 Det. descr. : MOVE GRATING TO THE HOME POSITION	PC114420 NEGATIVE	

PACS_Spec_Gra_IST_Filt_List_OBS
 File: H_COP_PAC_G301.xls
 Author: R. Biggins



Step No.	Time	Activity/Remarks	TC/TLM	Display/ Branch
	ET=+ UT=+00.00.01	DMC_ENABLE_GRAT_CONT DMC_ENABLE_GRAT_CONT Subsch. ID : 90 Det. descr. : ENABLE GRATING CONTROLLER	PC110420	
	ET=+ UT=+00.00.05	DMC_MOVE_GRAT_ABS_RAW DMC_MOVE_GRAT_ABS Command Parameter(s) : SET_POINT PP079420 Subsch. ID : 90 Det. descr. : MOVE GRATING TO AN ABSOLUTE POSITION	PC112420 500000 <dec>	
	ET=+ UT=+00.00.05	DMC_MOVE_GRAT_REL_RAW DMC_MOVE_GRAT_REL Command Parameter(s) : SET_POINT_INCREMENT PP078420 Subsch. ID : 90 Det. descr. : MOVE GRATING OF A RELATIVE POSITION	PC113420 -200000 <dec>	
	ET=+ UT=+00.00.04	DMC_MOVE_GRAT_REL_RAW DMC_MOVE_GRAT_REL Command Parameter(s) : SET_POINT_INCREMENT PP078420 Subsch. ID : 90 Det. descr. : MOVE GRATING OF A RELATIVE POSITION	PC113420 117 <dec>	
	ET=+ UT=+00.00.01	DMC_MOVE_GRAT_REL_RAW DMC_MOVE_GRAT_REL Command Parameter(s) : SET_POINT_INCREMENT PP078420 Subsch. ID : 90 Det. descr. : MOVE GRATING OF A RELATIVE POSITION	PC113420 117 <dec>	
	ET=+ UT=+00.00.01	DMC_MOVE_GRAT_REL_RAW DMC_MOVE_GRAT_REL Command Parameter(s) : SET_POINT_INCREMENT PP078420 Subsch. ID : 90 Det. descr. : MOVE GRATING OF A RELATIVE POSITION	PC113420 117 <dec>	
	ET=+ UT=+00.00.01	DMC_MOVE_GRAT_REL_RAW DMC_MOVE_GRAT_REL Command Parameter(s) : SET_POINT_INCREMENT PP078420 Subsch. ID : 90 Det. descr. : MOVE GRATING OF A RELATIVE POSITION	PC113420 117 <dec>	

PACS_Spec_Gra_IST_Filt_List_OBS
 File: H_COP_PAC_G301.xls
 Author: R. Biggins



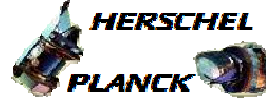
Step No.	Time	Activity/Remarks	TC/TLM	Display/ Branch
	ET=+ UT=+00.00.01	DMC_MOVE_GRAT_REL_RAW DMC_MOVE_GRAT_REL Command Parameter(s) : SET_POINT_INCREMENT PP078420 Subsch. ID : 90 Det. descr. : MOVE GRATING OF A RELATIVE POSITION	PC113420 117 <dec>	
	ET=+ UT=+00.00.01	DMC_MOVE_GRAT_REL_RAW DMC_MOVE_GRAT_REL Command Parameter(s) : SET_POINT_INCREMENT PP078420 Subsch. ID : 90 Det. descr. : MOVE GRATING OF A RELATIVE POSITION	PC113420 117 <dec>	
	ET=+ UT=+00.00.01	DMC_MOVE_GRAT_REL_RAW DMC_MOVE_GRAT_REL Command Parameter(s) : SET_POINT_INCREMENT PP078420 Subsch. ID : 90 Det. descr. : MOVE GRATING OF A RELATIVE POSITION	PC113420 -117 <dec>	
	ET=+ UT=+00.00.01	DMC_MOVE_GRAT_REL_RAW DMC_MOVE_GRAT_REL Command Parameter(s) : SET_POINT_INCREMENT PP078420 Subsch. ID : 90 Det. descr. : MOVE GRATING OF A RELATIVE POSITION	PC113420 -117 <dec>	
	ET=+ UT=+00.00.01	DMC_MOVE_GRAT_REL_RAW DMC_MOVE_GRAT_REL Command Parameter(s) : SET_POINT_INCREMENT PP078420 Subsch. ID : 90 Det. descr. : MOVE GRATING OF A RELATIVE POSITION	PC113420 -117 <dec>	
	ET=+ UT=+00.00.01	DMC_MOVE_GRAT_REL_RAW DMC_MOVE_GRAT_REL Command Parameter(s) : SET_POINT_INCREMENT PP078420 Subsch. ID : 90 Det. descr. : MOVE GRATING OF A RELATIVE POSITION	PC113420 -117 <dec>	

PACS_Spec_Gra_IST_Filt_List_OBS
 File: H_COP_PAC_G301.xls
 Author: R. Biggins



Step No.	Time	Activity/Remarks	TC/TLM	Display/ Branch
	ET=+ UT=+00.00.01	DMC_MOVE_GRAT_REL_RAW DMC_MOVE_GRAT_REL Command Parameter(s) : SET_POINT_INCREMENT PP078420 Subsch. ID : 90 Det. descr. : MOVE GRATING OF A RELATIVE POSITION	PC113420 -117 <dec>	
	ET=+ UT=+00.00.01	DMC_MOVE_GRAT_REL_RAW DMC_MOVE_GRAT_REL Command Parameter(s) : SET_POINT_INCREMENT PP078420 Subsch. ID : 90 Det. descr. : MOVE GRATING OF A RELATIVE POSITION	PC113420 -117 <dec>	
	ET=+ UT=+00.00.01	DMC_MOVE_GRAT_REL_RAW DMC_MOVE_GRAT_REL Command Parameter(s) : SET_POINT_INCREMENT PP078420 Subsch. ID : 90 Det. descr. : MOVE GRATING OF A RELATIVE POSITION	PC113420 400000 <dec>	
	ET=+ UT=+00.00.06	DMC_MOVE_GRAT_REL_RAW DMC_MOVE_GRAT_REL Command Parameter(s) : SET_POINT_INCREMENT PP078420 Subsch. ID : 90 Det. descr. : MOVE GRATING OF A RELATIVE POSITION	PC113420 117 <dec>	
	ET=+ UT=+00.00.01	DMC_MOVE_GRAT_REL_RAW DMC_MOVE_GRAT_REL Command Parameter(s) : SET_POINT_INCREMENT PP078420 Subsch. ID : 90 Det. descr. : MOVE GRATING OF A RELATIVE POSITION	PC113420 117 <dec>	
	ET=+ UT=+00.00.01	DMC_MOVE_GRAT_REL_RAW DMC_MOVE_GRAT_REL Command Parameter(s) : SET_POINT_INCREMENT PP078420 Subsch. ID : 90 Det. descr. : MOVE GRATING OF A RELATIVE POSITION	PC113420 117 <dec>	

PACS_Spec_Gra_IST_Filt_List_OBS
 File: H_COP_PAC_G301.xls
 Author: R. Biggins



Step No.	Time	Activity/Remarks	TC/TLM	Display/ Branch
	ET=+ UT=+00.00.01	DMC_MOVE_GRAT_REL_RAW DMC_MOVE_GRAT_REL Command Parameter(s) : SET_POINT_INCREMENT PP078420 Subsch. ID : 90 Det. descr. : MOVE GRATING OF A RELATIVE POSITION	PC113420 117 <dec>	
	ET=+ UT=+00.00.01	DMC_MOVE_GRAT_REL_RAW DMC_MOVE_GRAT_REL Command Parameter(s) : SET_POINT_INCREMENT PP078420 Subsch. ID : 90 Det. descr. : MOVE GRATING OF A RELATIVE POSITION	PC113420 117 <dec>	
	ET=+ UT=+00.00.01	DMC_MOVE_GRAT_REL_RAW DMC_MOVE_GRAT_REL Command Parameter(s) : SET_POINT_INCREMENT PP078420 Subsch. ID : 90 Det. descr. : MOVE GRATING OF A RELATIVE POSITION	PC113420 117 <dec>	
	ET=+ UT=+00.00.01	DMC_MOVE_GRAT_REL_RAW DMC_MOVE_GRAT_REL Command Parameter(s) : SET_POINT_INCREMENT PP078420 Subsch. ID : 90 Det. descr. : MOVE GRATING OF A RELATIVE POSITION	PC113420 -117 <dec>	
	ET=+ UT=+00.00.01	DMC_MOVE_GRAT_REL_RAW DMC_MOVE_GRAT_REL Command Parameter(s) : SET_POINT_INCREMENT PP078420 Subsch. ID : 90 Det. descr. : MOVE GRATING OF A RELATIVE POSITION	PC113420 -117 <dec>	
	ET=+ UT=+00.00.01	DMC_MOVE_GRAT_REL_RAW DMC_MOVE_GRAT_REL Command Parameter(s) : SET_POINT_INCREMENT PP078420 Subsch. ID : 90 Det. descr. : MOVE GRATING OF A RELATIVE POSITION	PC113420 -117 <dec>	

PACS_Spec_Gra_IST_Filt_List_OBS
 File: H_COP_PAC_G301.xls
 Author: R. Biggins



Step No.	Time	Activity/Remarks	TC/TLM	Display/ Branch
	ET=+ UT=+00.00.01	DMC_MOVE_GRAT_REL_RAW DMC_MOVE_GRAT_REL Command Parameter(s) : SET_POINT_INCREMENT PP078420 Subsch. ID : 90 Det. descr. : MOVE GRATING OF A RELATIVE POSITION	PC113420 -117 <dec>	
	ET=+ UT=+00.00.01	DMC_MOVE_GRAT_REL_RAW DMC_MOVE_GRAT_REL Command Parameter(s) : SET_POINT_INCREMENT PP078420 Subsch. ID : 90 Det. descr. : MOVE GRATING OF A RELATIVE POSITION	PC113420 -117 <dec>	
	ET=+ UT=+00.00.01	DMC_MOVE_GRAT_REL_RAW DMC_MOVE_GRAT_REL Command Parameter(s) : SET_POINT_INCREMENT PP078420 Subsch. ID : 90 Det. descr. : MOVE GRATING OF A RELATIVE POSITION	PC113420 -117 <dec>	
	ET=+ UT=+00.00.01	DMC_MOVE_GRAT_REL_RAW DMC_MOVE_GRAT_REL Command Parameter(s) : SET_POINT_INCREMENT PP078420 Subsch. ID : 90 Det. descr. : MOVE GRATING OF A RELATIVE POSITION	PC113420 -200000 <dec>	
	ET=+ UT=+00.00.04	DMC_MOVE_GRAT_REL_RAW DMC_MOVE_GRAT_REL Command Parameter(s) : SET_POINT_INCREMENT PP078420 Subsch. ID : 90 Det. descr. : MOVE GRATING OF A RELATIVE POSITION	PC113420 117 <dec>	
	ET=+ UT=+00.00.01	DMC_MOVE_GRAT_REL_RAW DMC_MOVE_GRAT_REL Command Parameter(s) : SET_POINT_INCREMENT PP078420 Subsch. ID : 90 Det. descr. : MOVE GRATING OF A RELATIVE POSITION	PC113420 117 <dec>	

PACS_Spec_Gra_IST_Filt_List_OBS
 File: H_COP_PAC_G301.xls
 Author: R. Biggins



Step No.	Time	Activity/Remarks	TC/TLM	Display/ Branch
	ET=+ UT=+00.00.01	DMC_MOVE_GRAT_REL_RAW DMC_MOVE_GRAT_REL Command Parameter(s) : SET_POINT_INCREMENT PP078420 Subsch. ID : 90 Det. descr. : MOVE GRATING OF A RELATIVE POSITION	PC113420 117 <dec>	
	ET=+ UT=+00.00.01	DMC_MOVE_GRAT_REL_RAW DMC_MOVE_GRAT_REL Command Parameter(s) : SET_POINT_INCREMENT PP078420 Subsch. ID : 90 Det. descr. : MOVE GRATING OF A RELATIVE POSITION	PC113420 117 <dec>	
	ET=+ UT=+00.00.01	DMC_MOVE_GRAT_REL_RAW DMC_MOVE_GRAT_REL Command Parameter(s) : SET_POINT_INCREMENT PP078420 Subsch. ID : 90 Det. descr. : MOVE GRATING OF A RELATIVE POSITION	PC113420 117 <dec>	
	ET=+ UT=+00.00.01	DMC_MOVE_GRAT_REL_RAW DMC_MOVE_GRAT_REL Command Parameter(s) : SET_POINT_INCREMENT PP078420 Subsch. ID : 90 Det. descr. : MOVE GRATING OF A RELATIVE POSITION	PC113420 117 <dec>	
	ET=+ UT=+00.00.01	DMC_MOVE_GRAT_REL_RAW DMC_MOVE_GRAT_REL Command Parameter(s) : SET_POINT_INCREMENT PP078420 Subsch. ID : 90 Det. descr. : MOVE GRATING OF A RELATIVE POSITION	PC113420 -117 <dec>	
	ET=+ UT=+00.00.01	DMC_MOVE_GRAT_REL_RAW DMC_MOVE_GRAT_REL Command Parameter(s) : SET_POINT_INCREMENT PP078420 Subsch. ID : 90 Det. descr. : MOVE GRATING OF A RELATIVE POSITION	PC113420 -117 <dec>	

PACS_Spec_Gra_IST_Filt_List_OBS
 File: H_COP_PAC_G301.xls
 Author: R. Biggins



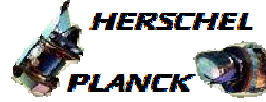
Step No.	Time	Activity/Remarks	TC/TLM	Display/ Branch
	ET=+ UT=+00.00.01	DMC_MOVE_GRAT_REL_RAW DMC_MOVE_GRAT_REL Command Parameter(s) : SET_POINT_INCREMENT PP078420 Subsch. ID : 90 Det. descr. : MOVE GRATING OF A RELATIVE POSITION	PC113420 -117 <dec>	
	ET=+ UT=+00.00.01	DMC_MOVE_GRAT_REL_RAW DMC_MOVE_GRAT_REL Command Parameter(s) : SET_POINT_INCREMENT PP078420 Subsch. ID : 90 Det. descr. : MOVE GRATING OF A RELATIVE POSITION	PC113420 -117 <dec>	
	ET=+ UT=+00.00.01	DMC_MOVE_GRAT_REL_RAW DMC_MOVE_GRAT_REL Command Parameter(s) : SET_POINT_INCREMENT PP078420 Subsch. ID : 90 Det. descr. : MOVE GRATING OF A RELATIVE POSITION	PC113420 -117 <dec>	
	ET=+ UT=+00.00.01	DMC_MOVE_GRAT_REL_RAW DMC_MOVE_GRAT_REL Command Parameter(s) : SET_POINT_INCREMENT PP078420 Subsch. ID : 90 Det. descr. : MOVE GRATING OF A RELATIVE POSITION	PC113420 -117 <dec>	
	ET=+ UT=+00.00.16	DMC_DISABLE_GRAT_CONT DMC_DISABLE_GRAT_CONT Subsch. ID : 90 Det. descr. : DISABLE GRATING CONTROLLER	PC111420	
	ET=+ UT=+00.00.01	DMC_WRT_GRAT_CONF_FILT DMC_WRT_GRAT_CONF_FILT Command Parameter(s) : DMC_4_BYTES_WORDS_DATA PP067420 45 DMC_4_BYTES_WORDS_DATA PP067420 46 DMC_4_BYTES_WORDS_DATA PP067420 47 DMC_4_BYTES_WORDS_DATA PP067420 48 DMC_4_BYTES_WORDS_DATA PP067420 49 DMC_CHECKSUM PP066420 50 Subsch. ID : 90 Det. descr. : WRITE THE PARAMETERS OF THE GRATING CONTROLLER FILTER	PC378420	

PACS_Spec_Gra_IST_Filt_List_OBS
 File: H_COP_PAC_G301.xls
 Author: R. Biggins



Step No.	Time	Activity/Remarks	TC/TLM	Display/ Branch
	ET=+ UT=+00.00.01	DMC_ENABLE_GRAT_CONT Subsch. ID : 90 Det. descr. : ENABLE GRATING CONTROLLER	PC110420	
	ET=+ UT=+00.00.05	DMC_MOVE_GRAT_ABS_RAW Command Parameter(s) : SET_POINT PP079420 Subsch. ID : 90 Det. descr. : MOVE GRATING TO AN ABSOLUTE POSITION	PC112420 500000 <dec>	
	ET=+ UT=+00.00.05	DMC_MOVE_GRAT_REL_RAW Command Parameter(s) : SET_POINT_INCREMENT PP078420 Subsch. ID : 90 Det. descr. : MOVE GRATING OF A RELATIVE POSITION	PC113420 -200000 <dec>	
	ET=+ UT=+00.00.04	DMC_MOVE_GRAT_REL_RAW Command Parameter(s) : SET_POINT_INCREMENT PP078420 Subsch. ID : 90 Det. descr. : MOVE GRATING OF A RELATIVE POSITION	PC113420 117 <dec>	
	ET=+ UT=+00.00.01	DMC_MOVE_GRAT_REL_RAW Command Parameter(s) : SET_POINT_INCREMENT PP078420 Subsch. ID : 90 Det. descr. : MOVE GRATING OF A RELATIVE POSITION	PC113420 117 <dec>	
	ET=+ UT=+00.00.01	DMC_MOVE_GRAT_REL_RAW Command Parameter(s) : SET_POINT_INCREMENT PP078420 Subsch. ID : 90 Det. descr. : MOVE GRATING OF A RELATIVE POSITION	PC113420 117 <dec>	
	ET=+ UT=+00.00.01	DMC_MOVE_GRAT_REL_RAW Command Parameter(s) : SET_POINT_INCREMENT PP078420 Subsch. ID : 90 Det. descr. : MOVE GRATING OF A RELATIVE POSITION	PC113420 117 <dec>	

PACS_Spec_Gra_IST_Filt_List_OBS
 File: H_COP_PAC_G301.xls
 Author: R. Biggins



Step No.	Time	Activity/Remarks	TC/TLM	Display/ Branch
	ET=+ UT=+00.00.01	DMC_MOVE_GRAT_REL_RAW DMC_MOVE_GRAT_REL Command Parameter(s) : SET_POINT_INCREMENT PP078420 Subsch. ID : 90 Det. descr. : MOVE GRATING OF A RELATIVE POSITION	PC113420 117 <dec>	
	ET=+ UT=+00.00.01	DMC_MOVE_GRAT_REL_RAW DMC_MOVE_GRAT_REL Command Parameter(s) : SET_POINT_INCREMENT PP078420 Subsch. ID : 90 Det. descr. : MOVE GRATING OF A RELATIVE POSITION	PC113420 117 <dec>	
	ET=+ UT=+00.00.01	DMC_MOVE_GRAT_REL_RAW DMC_MOVE_GRAT_REL Command Parameter(s) : SET_POINT_INCREMENT PP078420 Subsch. ID : 90 Det. descr. : MOVE GRATING OF A RELATIVE POSITION	PC113420 -117 <dec>	
	ET=+ UT=+00.00.01	DMC_MOVE_GRAT_REL_RAW DMC_MOVE_GRAT_REL Command Parameter(s) : SET_POINT_INCREMENT PP078420 Subsch. ID : 90 Det. descr. : MOVE GRATING OF A RELATIVE POSITION	PC113420 -117 <dec>	
	ET=+ UT=+00.00.01	DMC_MOVE_GRAT_REL_RAW DMC_MOVE_GRAT_REL Command Parameter(s) : SET_POINT_INCREMENT PP078420 Subsch. ID : 90 Det. descr. : MOVE GRATING OF A RELATIVE POSITION	PC113420 -117 <dec>	
	ET=+ UT=+00.00.01	DMC_MOVE_GRAT_REL_RAW DMC_MOVE_GRAT_REL Command Parameter(s) : SET_POINT_INCREMENT PP078420 Subsch. ID : 90 Det. descr. : MOVE GRATING OF A RELATIVE POSITION	PC113420 -117 <dec>	

PACS_Spec_Gra_IST_Filt_List_OBS
 File: H_COP_PAC_G301.xls
 Author: R. Biggins



Step No.	Time	Activity/Remarks	TC/TLM	Display/ Branch
	ET=+ UT=+00.00.01	DMC_MOVE_GRAT_REL_RAW DMC_MOVE_GRAT_REL Command Parameter(s) : SET_POINT_INCREMENT PP078420 Subsch. ID : 90 Det. descr. : MOVE GRATING OF A RELATIVE POSITION	PC113420 -117 <dec>	
	ET=+ UT=+00.00.01	DMC_MOVE_GRAT_REL_RAW DMC_MOVE_GRAT_REL Command Parameter(s) : SET_POINT_INCREMENT PP078420 Subsch. ID : 90 Det. descr. : MOVE GRATING OF A RELATIVE POSITION	PC113420 -117 <dec>	
	ET=+ UT=+00.00.01	DMC_MOVE_GRAT_REL_RAW DMC_MOVE_GRAT_REL Command Parameter(s) : SET_POINT_INCREMENT PP078420 Subsch. ID : 90 Det. descr. : MOVE GRATING OF A RELATIVE POSITION	PC113420 400000 <dec>	
	ET=+ UT=+00.00.06	DMC_MOVE_GRAT_REL_RAW DMC_MOVE_GRAT_REL Command Parameter(s) : SET_POINT_INCREMENT PP078420 Subsch. ID : 90 Det. descr. : MOVE GRATING OF A RELATIVE POSITION	PC113420 117 <dec>	
	ET=+ UT=+00.00.01	DMC_MOVE_GRAT_REL_RAW DMC_MOVE_GRAT_REL Command Parameter(s) : SET_POINT_INCREMENT PP078420 Subsch. ID : 90 Det. descr. : MOVE GRATING OF A RELATIVE POSITION	PC113420 117 <dec>	
	ET=+ UT=+00.00.01	DMC_MOVE_GRAT_REL_RAW DMC_MOVE_GRAT_REL Command Parameter(s) : SET_POINT_INCREMENT PP078420 Subsch. ID : 90 Det. descr. : MOVE GRATING OF A RELATIVE POSITION	PC113420 117 <dec>	

PACS_Spec_Gra_IST_Filt_List_OBS
 File: H_COP_PAC_G301.xls
 Author: R. Biggins



Step No.	Time	Activity/Remarks	TC/TLM	Display/ Branch
	ET=+ UT=+00.00.01	DMC_MOVE_GRAT_REL_RAW DMC_MOVE_GRAT_REL Command Parameter(s) : SET_POINT_INCREMENT PP078420 Subsch. ID : 90 Det. descr. : MOVE GRATING OF A RELATIVE POSITION	PC113420 117 <dec>	
	ET=+ UT=+00.00.01	DMC_MOVE_GRAT_REL_RAW DMC_MOVE_GRAT_REL Command Parameter(s) : SET_POINT_INCREMENT PP078420 Subsch. ID : 90 Det. descr. : MOVE GRATING OF A RELATIVE POSITION	PC113420 117 <dec>	
	ET=+ UT=+00.00.01	DMC_MOVE_GRAT_REL_RAW DMC_MOVE_GRAT_REL Command Parameter(s) : SET_POINT_INCREMENT PP078420 Subsch. ID : 90 Det. descr. : MOVE GRATING OF A RELATIVE POSITION	PC113420 117 <dec>	
	ET=+ UT=+00.00.01	DMC_MOVE_GRAT_REL_RAW DMC_MOVE_GRAT_REL Command Parameter(s) : SET_POINT_INCREMENT PP078420 Subsch. ID : 90 Det. descr. : MOVE GRATING OF A RELATIVE POSITION	PC113420 -117 <dec>	
	ET=+ UT=+00.00.01	DMC_MOVE_GRAT_REL_RAW DMC_MOVE_GRAT_REL Command Parameter(s) : SET_POINT_INCREMENT PP078420 Subsch. ID : 90 Det. descr. : MOVE GRATING OF A RELATIVE POSITION	PC113420 -117 <dec>	
	ET=+ UT=+00.00.01	DMC_MOVE_GRAT_REL_RAW DMC_MOVE_GRAT_REL Command Parameter(s) : SET_POINT_INCREMENT PP078420 Subsch. ID : 90 Det. descr. : MOVE GRATING OF A RELATIVE POSITION	PC113420 -117 <dec>	

PACS_Spec_Gra_IST_Filt_List_OBS
 File: H_COP_PAC_G301.xls
 Author: R. Biggins



Step No.	Time	Activity/Remarks	TC/TLM	Display/ Branch
	ET=+ UT=+00.00.01	DMC_MOVE_GRAT_REL_RAW DMC_MOVE_GRAT_REL Command Parameter(s) : SET_POINT_INCREMENT PP078420 Subsch. ID : 90 Det. descr. : MOVE GRATING OF A RELATIVE POSITION	PC113420 -117 <dec>	
	ET=+ UT=+00.00.01	DMC_MOVE_GRAT_REL_RAW DMC_MOVE_GRAT_REL Command Parameter(s) : SET_POINT_INCREMENT PP078420 Subsch. ID : 90 Det. descr. : MOVE GRATING OF A RELATIVE POSITION	PC113420 -117 <dec>	
	ET=+ UT=+00.00.01	DMC_MOVE_GRAT_REL_RAW DMC_MOVE_GRAT_REL Command Parameter(s) : SET_POINT_INCREMENT PP078420 Subsch. ID : 90 Det. descr. : MOVE GRATING OF A RELATIVE POSITION	PC113420 -117 <dec>	
	ET=+ UT=+00.00.01	DMC_MOVE_GRAT_REL_RAW DMC_MOVE_GRAT_REL Command Parameter(s) : SET_POINT_INCREMENT PP078420 Subsch. ID : 90 Det. descr. : MOVE GRATING OF A RELATIVE POSITION	PC113420 -200000 <dec>	
	ET=+ UT=+00.00.04	DMC_MOVE_GRAT_REL_RAW DMC_MOVE_GRAT_REL Command Parameter(s) : SET_POINT_INCREMENT PP078420 Subsch. ID : 90 Det. descr. : MOVE GRATING OF A RELATIVE POSITION	PC113420 117 <dec>	
	ET=+ UT=+00.00.01	DMC_MOVE_GRAT_REL_RAW DMC_MOVE_GRAT_REL Command Parameter(s) : SET_POINT_INCREMENT PP078420 Subsch. ID : 90 Det. descr. : MOVE GRATING OF A RELATIVE POSITION	PC113420 117 <dec>	

PACS_Spec_Gra_IST_Filt_List_OBS
 File: H_COP_PAC_G301.xls
 Author: R. Biggins



Step No.	Time	Activity/Remarks	TC/TLM	Display/ Branch
	ET=+ UT=+00.00.01	DMC_MOVE_GRAT_REL_RAW DMC_MOVE_GRAT_REL Command Parameter(s) : SET_POINT_INCREMENT PP078420 Subsch. ID : 90 Det. descr. : MOVE GRATING OF A RELATIVE POSITION	PC113420 117 <dec>	
	ET=+ UT=+00.00.01	DMC_MOVE_GRAT_REL_RAW DMC_MOVE_GRAT_REL Command Parameter(s) : SET_POINT_INCREMENT PP078420 Subsch. ID : 90 Det. descr. : MOVE GRATING OF A RELATIVE POSITION	PC113420 117 <dec>	
	ET=+ UT=+00.00.01	DMC_MOVE_GRAT_REL_RAW DMC_MOVE_GRAT_REL Command Parameter(s) : SET_POINT_INCREMENT PP078420 Subsch. ID : 90 Det. descr. : MOVE GRATING OF A RELATIVE POSITION	PC113420 117 <dec>	
	ET=+ UT=+00.00.01	DMC_MOVE_GRAT_REL_RAW DMC_MOVE_GRAT_REL Command Parameter(s) : SET_POINT_INCREMENT PP078420 Subsch. ID : 90 Det. descr. : MOVE GRATING OF A RELATIVE POSITION	PC113420 117 <dec>	
	ET=+ UT=+00.00.01	DMC_MOVE_GRAT_REL_RAW DMC_MOVE_GRAT_REL Command Parameter(s) : SET_POINT_INCREMENT PP078420 Subsch. ID : 90 Det. descr. : MOVE GRATING OF A RELATIVE POSITION	PC113420 -117 <dec>	
	ET=+ UT=+00.00.01	DMC_MOVE_GRAT_REL_RAW DMC_MOVE_GRAT_REL Command Parameter(s) : SET_POINT_INCREMENT PP078420 Subsch. ID : 90 Det. descr. : MOVE GRATING OF A RELATIVE POSITION	PC113420 -117 <dec>	

PACS_Spec_Gra_IST_Filt_List_OBS
 File: H_COP_PAC_G301.xls
 Author: R. Biggins



Step No.	Time	Activity/Remarks	TC/TLM	Display/ Branch
	ET=+ UT=+00.00.01	DMC_MOVE_GRAT_REL_RAW DMC_MOVE_GRAT_REL Command Parameter(s) : SET_POINT_INCREMENT PP078420 Subsch. ID : 90 Det. descr. : MOVE GRATING OF A RELATIVE POSITION	PC113420 -117 <dec>	
	ET=+ UT=+00.00.01	DMC_MOVE_GRAT_REL_RAW DMC_MOVE_GRAT_REL Command Parameter(s) : SET_POINT_INCREMENT PP078420 Subsch. ID : 90 Det. descr. : MOVE GRATING OF A RELATIVE POSITION	PC113420 -117 <dec>	
	ET=+ UT=+00.00.01	DMC_MOVE_GRAT_REL_RAW DMC_MOVE_GRAT_REL Command Parameter(s) : SET_POINT_INCREMENT PP078420 Subsch. ID : 90 Det. descr. : MOVE GRATING OF A RELATIVE POSITION	PC113420 -117 <dec>	
	ET=+ UT=+00.00.01	DMC_MOVE_GRAT_REL_RAW DMC_MOVE_GRAT_REL Command Parameter(s) : SET_POINT_INCREMENT PP078420 Subsch. ID : 90 Det. descr. : MOVE GRATING OF A RELATIVE POSITION	PC113420 -117 <dec>	
	ET=+ UT=+00.00.16	DMC_DISABLE_GRAT_CONT DMC_DISABLE_GRAT_CONT Subsch. ID : 90 Det. descr. : DISABLE GRATING CONTROLLER	PC111420	
	ET=+ UT=+00.00.01	DMC_WRT_GRAT_CONF_FILT DMC_WRT_GRAT_CONF_FILT Command Parameter(s) : DMC_4_BYTES_WORDS_DATA PP067420 51 DMC_4_BYTES_WORDS_DATA PP067420 52 DMC_4_BYTES_WORDS_DATA PP067420 53 DMC_4_BYTES_WORDS_DATA PP067420 54 DMC_4_BYTES_WORDS_DATA PP067420 55 DMC_CHECKSUM PP066420 56 Subsch. ID : 90 Det. descr. : WRITE THE PARAMETERS OF THE GRATING CONTROLLER FILTER	PC378420	

PACS_Spec_Gra_IST_Filt_List_OBS
 File: H_COP_PAC_G301.xls
 Author: R. Biggins



Step No.	Time	Activity/Remarks	TC/TLM	Display/ Branch
	ET=+ UT=+00.00.01	DMC_ENABLE_GRAT_CONT DMC_ENABLE_GRAT_CONT Subsch. ID : 90 Det. descr. : ENABLE GRATING CONTROLLER	PC110420	
	ET=+ UT=+00.00.05	DMC_MOVE_GRAT_ABS_RAW DMC_MOVE_GRAT_ABS Command Parameter(s) : SET_POINT PP079420 Subsch. ID : 90 Det. descr. : MOVE GRATING TO AN ABSOLUTE POSITION	PC112420 500000 <dec>	
	ET=+ UT=+00.00.05	DMC_MOVE_GRAT_REL_RAW DMC_MOVE_GRAT_REL Command Parameter(s) : SET_POINT_INCREMENT PP078420 Subsch. ID : 90 Det. descr. : MOVE GRATING OF A RELATIVE POSITION	PC113420 -200000 <dec>	
	ET=+ UT=+00.00.04	DMC_MOVE_GRAT_REL_RAW DMC_MOVE_GRAT_REL Command Parameter(s) : SET_POINT_INCREMENT PP078420 Subsch. ID : 90 Det. descr. : MOVE GRATING OF A RELATIVE POSITION	PC113420 117 <dec>	
	ET=+ UT=+00.00.01	DMC_MOVE_GRAT_REL_RAW DMC_MOVE_GRAT_REL Command Parameter(s) : SET_POINT_INCREMENT PP078420 Subsch. ID : 90 Det. descr. : MOVE GRATING OF A RELATIVE POSITION	PC113420 117 <dec>	
	ET=+ UT=+00.00.01	DMC_MOVE_GRAT_REL_RAW DMC_MOVE_GRAT_REL Command Parameter(s) : SET_POINT_INCREMENT PP078420 Subsch. ID : 90 Det. descr. : MOVE GRATING OF A RELATIVE POSITION	PC113420 117 <dec>	
	ET=+ UT=+00.00.01	DMC_MOVE_GRAT_REL_RAW DMC_MOVE_GRAT_REL Command Parameter(s) : SET_POINT_INCREMENT PP078420 Subsch. ID : 90 Det. descr. : MOVE GRATING OF A RELATIVE POSITION	PC113420 117 <dec>	

PACS_Spec_Gra_IST_Filt_List_OBS
 File: H_COP_PAC_G301.xls
 Author: R. Biggins



Step No.	Time	Activity/Remarks	TC/TLM	Display/ Branch
	ET=+ UT=+00.00.01	DMC_MOVE_GRAT_REL_RAW DMC_MOVE_GRAT_REL Command Parameter(s) : SET_POINT_INCREMENT PP078420 Subsch. ID : 90 Det. descr. : MOVE GRATING OF A RELATIVE POSITION	PC113420 117 <dec>	
	ET=+ UT=+00.00.01	DMC_MOVE_GRAT_REL_RAW DMC_MOVE_GRAT_REL Command Parameter(s) : SET_POINT_INCREMENT PP078420 Subsch. ID : 90 Det. descr. : MOVE GRATING OF A RELATIVE POSITION	PC113420 117 <dec>	
	ET=+ UT=+00.00.01	DMC_MOVE_GRAT_REL_RAW DMC_MOVE_GRAT_REL Command Parameter(s) : SET_POINT_INCREMENT PP078420 Subsch. ID : 90 Det. descr. : MOVE GRATING OF A RELATIVE POSITION	PC113420 -117 <dec>	
	ET=+ UT=+00.00.01	DMC_MOVE_GRAT_REL_RAW DMC_MOVE_GRAT_REL Command Parameter(s) : SET_POINT_INCREMENT PP078420 Subsch. ID : 90 Det. descr. : MOVE GRATING OF A RELATIVE POSITION	PC113420 -117 <dec>	
	ET=+ UT=+00.00.01	DMC_MOVE_GRAT_REL_RAW DMC_MOVE_GRAT_REL Command Parameter(s) : SET_POINT_INCREMENT PP078420 Subsch. ID : 90 Det. descr. : MOVE GRATING OF A RELATIVE POSITION	PC113420 -117 <dec>	
	ET=+ UT=+00.00.01	DMC_MOVE_GRAT_REL_RAW DMC_MOVE_GRAT_REL Command Parameter(s) : SET_POINT_INCREMENT PP078420 Subsch. ID : 90 Det. descr. : MOVE GRATING OF A RELATIVE POSITION	PC113420 -117 <dec>	

PACS_Spec_Gra_IST_Filt_List_OBS
 File: H_COP_PAC_G301.xls
 Author: R. Biggins



Step No.	Time	Activity/Remarks	TC/TLM	Display/ Branch
	ET=+ UT=+00.00.01	DMC_MOVE_GRAT_REL_RAW DMC_MOVE_GRAT_REL Command Parameter(s) : SET_POINT_INCREMENT PP078420 Subsch. ID : 90 Det. descr. : MOVE GRATING OF A RELATIVE POSITION	PC113420 -117 <dec>	
	ET=+ UT=+00.00.01	DMC_MOVE_GRAT_REL_RAW DMC_MOVE_GRAT_REL Command Parameter(s) : SET_POINT_INCREMENT PP078420 Subsch. ID : 90 Det. descr. : MOVE GRATING OF A RELATIVE POSITION	PC113420 -117 <dec>	
	ET=+ UT=+00.00.01	DMC_MOVE_GRAT_REL_RAW DMC_MOVE_GRAT_REL Command Parameter(s) : SET_POINT_INCREMENT PP078420 Subsch. ID : 90 Det. descr. : MOVE GRATING OF A RELATIVE POSITION	PC113420 400000 <dec>	
	ET=+ UT=+00.00.06	DMC_MOVE_GRAT_REL_RAW DMC_MOVE_GRAT_REL Command Parameter(s) : SET_POINT_INCREMENT PP078420 Subsch. ID : 90 Det. descr. : MOVE GRATING OF A RELATIVE POSITION	PC113420 117 <dec>	
	ET=+ UT=+00.00.01	DMC_MOVE_GRAT_REL_RAW DMC_MOVE_GRAT_REL Command Parameter(s) : SET_POINT_INCREMENT PP078420 Subsch. ID : 90 Det. descr. : MOVE GRATING OF A RELATIVE POSITION	PC113420 117 <dec>	
	ET=+ UT=+00.00.01	DMC_MOVE_GRAT_REL_RAW DMC_MOVE_GRAT_REL Command Parameter(s) : SET_POINT_INCREMENT PP078420 Subsch. ID : 90 Det. descr. : MOVE GRATING OF A RELATIVE POSITION	PC113420 117 <dec>	

PACS_Spec_Gra_IST_Filt_List_OBS
 File: H_COP_PAC_G301.xls
 Author: R. Biggins



Step No.	Time	Activity/Remarks	TC/TLM	Display/ Branch
	ET=+ UT=+00.00.01	DMC_MOVE_GRAT_REL_RAW DMC_MOVE_GRAT_REL Command Parameter(s) : SET_POINT_INCREMENT PP078420 Subsch. ID : 90 Det. descr. : MOVE GRATING OF A RELATIVE POSITION	PC113420 117 <dec>	
	ET=+ UT=+00.00.01	DMC_MOVE_GRAT_REL_RAW DMC_MOVE_GRAT_REL Command Parameter(s) : SET_POINT_INCREMENT PP078420 Subsch. ID : 90 Det. descr. : MOVE GRATING OF A RELATIVE POSITION	PC113420 117 <dec>	
	ET=+ UT=+00.00.01	DMC_MOVE_GRAT_REL_RAW DMC_MOVE_GRAT_REL Command Parameter(s) : SET_POINT_INCREMENT PP078420 Subsch. ID : 90 Det. descr. : MOVE GRATING OF A RELATIVE POSITION	PC113420 117 <dec>	
	ET=+ UT=+00.00.01	DMC_MOVE_GRAT_REL_RAW DMC_MOVE_GRAT_REL Command Parameter(s) : SET_POINT_INCREMENT PP078420 Subsch. ID : 90 Det. descr. : MOVE GRATING OF A RELATIVE POSITION	PC113420 -117 <dec>	
	ET=+ UT=+00.00.01	DMC_MOVE_GRAT_REL_RAW DMC_MOVE_GRAT_REL Command Parameter(s) : SET_POINT_INCREMENT PP078420 Subsch. ID : 90 Det. descr. : MOVE GRATING OF A RELATIVE POSITION	PC113420 -117 <dec>	
	ET=+ UT=+00.00.01	DMC_MOVE_GRAT_REL_RAW DMC_MOVE_GRAT_REL Command Parameter(s) : SET_POINT_INCREMENT PP078420 Subsch. ID : 90 Det. descr. : MOVE GRATING OF A RELATIVE POSITION	PC113420 -117 <dec>	

PACS_Spec_Gra_IST_Filt_List_OBS
 File: H_COP_PAC_G301.xls
 Author: R. Biggins



Step No.	Time	Activity/Remarks	TC/TLM	Display/ Branch
	ET=+ UT=+00.00.01	DMC_MOVE_GRAT_REL_RAW DMC_MOVE_GRAT_REL Command Parameter(s) : SET_POINT_INCREMENT PP078420 Subsch. ID : 90 Det. descr. : MOVE GRATING OF A RELATIVE POSITION	PC113420 -117 <dec>	
	ET=+ UT=+00.00.01	DMC_MOVE_GRAT_REL_RAW DMC_MOVE_GRAT_REL Command Parameter(s) : SET_POINT_INCREMENT PP078420 Subsch. ID : 90 Det. descr. : MOVE GRATING OF A RELATIVE POSITION	PC113420 -117 <dec>	
	ET=+ UT=+00.00.01	DMC_MOVE_GRAT_REL_RAW DMC_MOVE_GRAT_REL Command Parameter(s) : SET_POINT_INCREMENT PP078420 Subsch. ID : 90 Det. descr. : MOVE GRATING OF A RELATIVE POSITION	PC113420 -117 <dec>	
	ET=+ UT=+00.00.01	DMC_MOVE_GRAT_REL_RAW DMC_MOVE_GRAT_REL Command Parameter(s) : SET_POINT_INCREMENT PP078420 Subsch. ID : 90 Det. descr. : MOVE GRATING OF A RELATIVE POSITION	PC113420 -200000 <dec>	
	ET=+ UT=+00.00.04	DMC_MOVE_GRAT_REL_RAW DMC_MOVE_GRAT_REL Command Parameter(s) : SET_POINT_INCREMENT PP078420 Subsch. ID : 90 Det. descr. : MOVE GRATING OF A RELATIVE POSITION	PC113420 117 <dec>	
	ET=+ UT=+00.00.01	DMC_MOVE_GRAT_REL_RAW DMC_MOVE_GRAT_REL Command Parameter(s) : SET_POINT_INCREMENT PP078420 Subsch. ID : 90 Det. descr. : MOVE GRATING OF A RELATIVE POSITION	PC113420 117 <dec>	

PACS_Spec_Gra_IST_Filt_List_OBS
 File: H_COP_PAC_G301.xls
 Author: R. Biggins



Step No.	Time	Activity/Remarks	TC/TLM	Display/ Branch
	ET=+ UT=+00.00.01	DMC_MOVE_GRAT_REL_RAW DMC_MOVE_GRAT_REL Command Parameter(s) : SET_POINT_INCREMENT PP078420 Subsch. ID : 90 Det. descr. : MOVE GRATING OF A RELATIVE POSITION	PC113420 117 <dec>	
	ET=+ UT=+00.00.01	DMC_MOVE_GRAT_REL_RAW DMC_MOVE_GRAT_REL Command Parameter(s) : SET_POINT_INCREMENT PP078420 Subsch. ID : 90 Det. descr. : MOVE GRATING OF A RELATIVE POSITION	PC113420 117 <dec>	
	ET=+ UT=+00.00.01	DMC_MOVE_GRAT_REL_RAW DMC_MOVE_GRAT_REL Command Parameter(s) : SET_POINT_INCREMENT PP078420 Subsch. ID : 90 Det. descr. : MOVE GRATING OF A RELATIVE POSITION	PC113420 117 <dec>	
	ET=+ UT=+00.00.01	DMC_MOVE_GRAT_REL_RAW DMC_MOVE_GRAT_REL Command Parameter(s) : SET_POINT_INCREMENT PP078420 Subsch. ID : 90 Det. descr. : MOVE GRATING OF A RELATIVE POSITION	PC113420 117 <dec>	
	ET=+ UT=+00.00.01	DMC_MOVE_GRAT_REL_RAW DMC_MOVE_GRAT_REL Command Parameter(s) : SET_POINT_INCREMENT PP078420 Subsch. ID : 90 Det. descr. : MOVE GRATING OF A RELATIVE POSITION	PC113420 -117 <dec>	
	ET=+ UT=+00.00.01	DMC_MOVE_GRAT_REL_RAW DMC_MOVE_GRAT_REL Command Parameter(s) : SET_POINT_INCREMENT PP078420 Subsch. ID : 90 Det. descr. : MOVE GRATING OF A RELATIVE POSITION	PC113420 -117 <dec>	

PACS_Spec_Gra_IST_Filt_List_OBS
 File: H_COP_PAC_G301.xls
 Author: R. Biggins



Step No.	Time	Activity/Remarks	TC/TLM	Display/ Branch
	ET=+ UT=+00.00.01	DMC_MOVE_GRAT_REL_RAW DMC_MOVE_GRAT_REL Command Parameter(s) : SET_POINT_INCREMENT PP078420 Subsch. ID : 90 Det. descr. : MOVE GRATING OF A RELATIVE POSITION	PC113420 -117 <dec>	
	ET=+ UT=+00.00.01	DMC_MOVE_GRAT_REL_RAW DMC_MOVE_GRAT_REL Command Parameter(s) : SET_POINT_INCREMENT PP078420 Subsch. ID : 90 Det. descr. : MOVE GRATING OF A RELATIVE POSITION	PC113420 -117 <dec>	
	ET=+ UT=+00.00.01	DMC_MOVE_GRAT_REL_RAW DMC_MOVE_GRAT_REL Command Parameter(s) : SET_POINT_INCREMENT PP078420 Subsch. ID : 90 Det. descr. : MOVE GRATING OF A RELATIVE POSITION	PC113420 -117 <dec>	
	ET=+ UT=+00.00.01	DMC_MOVE_GRAT_REL_RAW DMC_MOVE_GRAT_REL Command Parameter(s) : SET_POINT_INCREMENT PP078420 Subsch. ID : 90 Det. descr. : MOVE GRATING OF A RELATIVE POSITION	PC113420 -117 <dec>	
	ET=+ UT=+00.00.16	DMC_DISABLE_GRAT_CONT DMC_DISABLE_GRAT_CONT Subsch. ID : 90 Det. descr. : DISABLE GRATING CONTROLLER	PC111420	
	ET=+ UT=+00.00.01	DMC_WRT_GRAT_CONF_FILT DMC_WRT_GRAT_CONF_FILT Command Parameter(s) : DMC_4_BYTES_WORDS_DATA PP067420 57 DMC_4_BYTES_WORDS_DATA PP067420 58 DMC_4_BYTES_WORDS_DATA PP067420 59 DMC_4_BYTES_WORDS_DATA PP067420 60 DMC_4_BYTES_WORDS_DATA PP067420 61 DMC_CHECKSUM PP066420 62 Subsch. ID : 90 Det. descr. : WRITE THE PARAMETERS OF THE GRATING CONTROLLER FILTER	PC378420	

PACS_Spec_Gra_IST_Filt_List_OBS
 File: H_COP_PAC_G301.xls
 Author: R. Biggins



Step No.	Time	Activity/Remarks	TC/TLM	Display/ Branch
	ET=+ UT=+00.00.01	DMC_ENABLE_GRAT_CONT DMC_ENABLE_GRAT_CONT Subsch. ID : 90 Det. descr. : ENABLE GRATING CONTROLLER	PC110420	
	ET=+ UT=+00.00.05	DMC_MOVE_GRAT_ABS_RAW DMC_MOVE_GRAT_ABS Command Parameter(s) : SET_POINT PP079420 Subsch. ID : 90 Det. descr. : MOVE GRATING TO AN ABSOLUTE POSITION	PC112420 500000 <dec>	
	ET=+ UT=+00.00.05	DMC_MOVE_GRAT_REL_RAW DMC_MOVE_GRAT_REL Command Parameter(s) : SET_POINT_INCREMENT PP078420 Subsch. ID : 90 Det. descr. : MOVE GRATING OF A RELATIVE POSITION	PC113420 -200000 <dec>	
	ET=+ UT=+00.00.04	DMC_MOVE_GRAT_REL_RAW DMC_MOVE_GRAT_REL Command Parameter(s) : SET_POINT_INCREMENT PP078420 Subsch. ID : 90 Det. descr. : MOVE GRATING OF A RELATIVE POSITION	PC113420 117 <dec>	
	ET=+ UT=+00.00.01	DMC_MOVE_GRAT_REL_RAW DMC_MOVE_GRAT_REL Command Parameter(s) : SET_POINT_INCREMENT PP078420 Subsch. ID : 90 Det. descr. : MOVE GRATING OF A RELATIVE POSITION	PC113420 117 <dec>	
	ET=+ UT=+00.00.01	DMC_MOVE_GRAT_REL_RAW DMC_MOVE_GRAT_REL Command Parameter(s) : SET_POINT_INCREMENT PP078420 Subsch. ID : 90 Det. descr. : MOVE GRATING OF A RELATIVE POSITION	PC113420 117 <dec>	
	ET=+ UT=+00.00.01	DMC_MOVE_GRAT_REL_RAW DMC_MOVE_GRAT_REL Command Parameter(s) : SET_POINT_INCREMENT PP078420 Subsch. ID : 90 Det. descr. : MOVE GRATING OF A RELATIVE POSITION	PC113420 117 <dec>	

PACS_Spec_Gra_IST_Filt_List_OBS
 File: H_COP_PAC_G301.xls
 Author: R. Biggins



Step No.	Time	Activity/Remarks	TC/TLM	Display/ Branch
	ET=+ UT=+00.00.01	DMC_MOVE_GRAT_REL_RAW DMC_MOVE_GRAT_REL Command Parameter(s) : SET_POINT_INCREMENT PP078420 Subsch. ID : 90 Det. descr. : MOVE GRATING OF A RELATIVE POSITION	PC113420 117 <dec>	
	ET=+ UT=+00.00.01	DMC_MOVE_GRAT_REL_RAW DMC_MOVE_GRAT_REL Command Parameter(s) : SET_POINT_INCREMENT PP078420 Subsch. ID : 90 Det. descr. : MOVE GRATING OF A RELATIVE POSITION	PC113420 117 <dec>	
	ET=+ UT=+00.00.01	DMC_MOVE_GRAT_REL_RAW DMC_MOVE_GRAT_REL Command Parameter(s) : SET_POINT_INCREMENT PP078420 Subsch. ID : 90 Det. descr. : MOVE GRATING OF A RELATIVE POSITION	PC113420 -117 <dec>	
	ET=+ UT=+00.00.01	DMC_MOVE_GRAT_REL_RAW DMC_MOVE_GRAT_REL Command Parameter(s) : SET_POINT_INCREMENT PP078420 Subsch. ID : 90 Det. descr. : MOVE GRATING OF A RELATIVE POSITION	PC113420 -117 <dec>	
	ET=+ UT=+00.00.01	DMC_MOVE_GRAT_REL_RAW DMC_MOVE_GRAT_REL Command Parameter(s) : SET_POINT_INCREMENT PP078420 Subsch. ID : 90 Det. descr. : MOVE GRATING OF A RELATIVE POSITION	PC113420 -117 <dec>	
	ET=+ UT=+00.00.01	DMC_MOVE_GRAT_REL_RAW DMC_MOVE_GRAT_REL Command Parameter(s) : SET_POINT_INCREMENT PP078420 Subsch. ID : 90 Det. descr. : MOVE GRATING OF A RELATIVE POSITION	PC113420 -117 <dec>	

PACS_Spec_Gra_IST_Filt_List_OBS
 File: H_COP_PAC_G301.xls
 Author: R. Biggins



Step No.	Time	Activity/Remarks	TC/TLM	Display/ Branch
	ET=+ UT=+00.00.01	DMC_MOVE_GRAT_REL_RAW DMC_MOVE_GRAT_REL Command Parameter(s) : SET_POINT_INCREMENT PP078420 Subsch. ID : 90 Det. descr. : MOVE GRATING OF A RELATIVE POSITION	PC113420 -117 <dec>	
	ET=+ UT=+00.00.01	DMC_MOVE_GRAT_REL_RAW DMC_MOVE_GRAT_REL Command Parameter(s) : SET_POINT_INCREMENT PP078420 Subsch. ID : 90 Det. descr. : MOVE GRATING OF A RELATIVE POSITION	PC113420 -117 <dec>	
	ET=+ UT=+00.00.01	DMC_MOVE_GRAT_REL_RAW DMC_MOVE_GRAT_REL Command Parameter(s) : SET_POINT_INCREMENT PP078420 Subsch. ID : 90 Det. descr. : MOVE GRATING OF A RELATIVE POSITION	PC113420 400000 <dec>	
	ET=+ UT=+00.00.06	DMC_MOVE_GRAT_REL_RAW DMC_MOVE_GRAT_REL Command Parameter(s) : SET_POINT_INCREMENT PP078420 Subsch. ID : 90 Det. descr. : MOVE GRATING OF A RELATIVE POSITION	PC113420 117 <dec>	
	ET=+ UT=+00.00.01	DMC_MOVE_GRAT_REL_RAW DMC_MOVE_GRAT_REL Command Parameter(s) : SET_POINT_INCREMENT PP078420 Subsch. ID : 90 Det. descr. : MOVE GRATING OF A RELATIVE POSITION	PC113420 117 <dec>	
	ET=+ UT=+00.00.01	DMC_MOVE_GRAT_REL_RAW DMC_MOVE_GRAT_REL Command Parameter(s) : SET_POINT_INCREMENT PP078420 Subsch. ID : 90 Det. descr. : MOVE GRATING OF A RELATIVE POSITION	PC113420 117 <dec>	

PACS_Spec_Gra_IST_Filt_List_OBS
 File: H_COP_PAC_G301.xls
 Author: R. Biggins



Step No.	Time	Activity/Remarks	TC/TLM	Display/ Branch
	ET=+ UT=+00.00.01	DMC_MOVE_GRAT_REL_RAW DMC_MOVE_GRAT_REL Command Parameter(s) : SET_POINT_INCREMENT PP078420 Subsch. ID : 90 Det. descr. : MOVE GRATING OF A RELATIVE POSITION	PC113420 117 <dec>	
	ET=+ UT=+00.00.01	DMC_MOVE_GRAT_REL_RAW DMC_MOVE_GRAT_REL Command Parameter(s) : SET_POINT_INCREMENT PP078420 Subsch. ID : 90 Det. descr. : MOVE GRATING OF A RELATIVE POSITION	PC113420 117 <dec>	
	ET=+ UT=+00.00.01	DMC_MOVE_GRAT_REL_RAW DMC_MOVE_GRAT_REL Command Parameter(s) : SET_POINT_INCREMENT PP078420 Subsch. ID : 90 Det. descr. : MOVE GRATING OF A RELATIVE POSITION	PC113420 117 <dec>	
	ET=+ UT=+00.00.01	DMC_MOVE_GRAT_REL_RAW DMC_MOVE_GRAT_REL Command Parameter(s) : SET_POINT_INCREMENT PP078420 Subsch. ID : 90 Det. descr. : MOVE GRATING OF A RELATIVE POSITION	PC113420 -117 <dec>	
	ET=+ UT=+00.00.01	DMC_MOVE_GRAT_REL_RAW DMC_MOVE_GRAT_REL Command Parameter(s) : SET_POINT_INCREMENT PP078420 Subsch. ID : 90 Det. descr. : MOVE GRATING OF A RELATIVE POSITION	PC113420 -117 <dec>	
	ET=+ UT=+00.00.01	DMC_MOVE_GRAT_REL_RAW DMC_MOVE_GRAT_REL Command Parameter(s) : SET_POINT_INCREMENT PP078420 Subsch. ID : 90 Det. descr. : MOVE GRATING OF A RELATIVE POSITION	PC113420 -117 <dec>	

PACS_Spec_Gra_IST_Filt_List_OBS
 File: H_COP_PAC_G301.xls
 Author: R. Biggins



Step No.	Time	Activity/Remarks	TC/TLM	Display/ Branch
	ET=+ UT=+00.00.01	DMC_MOVE_GRAT_REL_RAW DMC_MOVE_GRAT_REL Command Parameter(s) : SET_POINT_INCREMENT PP078420 Subsch. ID : 90 Det. descr. : MOVE GRATING OF A RELATIVE POSITION	PC113420 -117 <dec>	
	ET=+ UT=+00.00.01	DMC_MOVE_GRAT_REL_RAW DMC_MOVE_GRAT_REL Command Parameter(s) : SET_POINT_INCREMENT PP078420 Subsch. ID : 90 Det. descr. : MOVE GRATING OF A RELATIVE POSITION	PC113420 -117 <dec>	
	ET=+ UT=+00.00.01	DMC_MOVE_GRAT_REL_RAW DMC_MOVE_GRAT_REL Command Parameter(s) : SET_POINT_INCREMENT PP078420 Subsch. ID : 90 Det. descr. : MOVE GRATING OF A RELATIVE POSITION	PC113420 -117 <dec>	
	ET=+ UT=+00.00.01	DMC_MOVE_GRAT_REL_RAW DMC_MOVE_GRAT_REL Command Parameter(s) : SET_POINT_INCREMENT PP078420 Subsch. ID : 90 Det. descr. : MOVE GRATING OF A RELATIVE POSITION	PC113420 -200000 <dec>	
	ET=+ UT=+00.00.04	DMC_MOVE_GRAT_REL_RAW DMC_MOVE_GRAT_REL Command Parameter(s) : SET_POINT_INCREMENT PP078420 Subsch. ID : 90 Det. descr. : MOVE GRATING OF A RELATIVE POSITION	PC113420 117 <dec>	
	ET=+ UT=+00.00.01	DMC_MOVE_GRAT_REL_RAW DMC_MOVE_GRAT_REL Command Parameter(s) : SET_POINT_INCREMENT PP078420 Subsch. ID : 90 Det. descr. : MOVE GRATING OF A RELATIVE POSITION	PC113420 117 <dec>	

PACS_Spec_Gra_IST_Filt_List_OBS
 File: H_COP_PAC_G301.xls
 Author: R. Biggins



Step No.	Time	Activity/Remarks	TC/TLM	Display/ Branch
	ET=+ UT=+00.00.01	DMC_MOVE_GRAT_REL_RAW DMC_MOVE_GRAT_REL Command Parameter(s) : SET_POINT_INCREMENT PP078420 Subsch. ID : 90 Det. descr. : MOVE GRATING OF A RELATIVE POSITION	PC113420 117 <dec>	
	ET=+ UT=+00.00.01	DMC_MOVE_GRAT_REL_RAW DMC_MOVE_GRAT_REL Command Parameter(s) : SET_POINT_INCREMENT PP078420 Subsch. ID : 90 Det. descr. : MOVE GRATING OF A RELATIVE POSITION	PC113420 117 <dec>	
	ET=+ UT=+00.00.01	DMC_MOVE_GRAT_REL_RAW DMC_MOVE_GRAT_REL Command Parameter(s) : SET_POINT_INCREMENT PP078420 Subsch. ID : 90 Det. descr. : MOVE GRATING OF A RELATIVE POSITION	PC113420 117 <dec>	
	ET=+ UT=+00.00.01	DMC_MOVE_GRAT_REL_RAW DMC_MOVE_GRAT_REL Command Parameter(s) : SET_POINT_INCREMENT PP078420 Subsch. ID : 90 Det. descr. : MOVE GRATING OF A RELATIVE POSITION	PC113420 117 <dec>	
	ET=+ UT=+00.00.01	DMC_MOVE_GRAT_REL_RAW DMC_MOVE_GRAT_REL Command Parameter(s) : SET_POINT_INCREMENT PP078420 Subsch. ID : 90 Det. descr. : MOVE GRATING OF A RELATIVE POSITION	PC113420 -117 <dec>	
	ET=+ UT=+00.00.01	DMC_MOVE_GRAT_REL_RAW DMC_MOVE_GRAT_REL Command Parameter(s) : SET_POINT_INCREMENT PP078420 Subsch. ID : 90 Det. descr. : MOVE GRATING OF A RELATIVE POSITION	PC113420 -117 <dec>	

PACS_Spec_Gra_IST_Filt_List_OBS
 File: H_COP_PAC_G301.xls
 Author: R. Biggins



Step No.	Time	Activity/Remarks	TC/TLM	Display/ Branch
	ET=+ UT=+00.00.01	DMC_MOVE_GRAT_REL_RAW DMC_MOVE_GRAT_REL Command Parameter(s) : SET_POINT_INCREMENT PP078420 Subsch. ID : 90 Det. descr. : MOVE GRATING OF A RELATIVE POSITION	PC113420 -117 <dec>	
	ET=+ UT=+00.00.01	DMC_MOVE_GRAT_REL_RAW DMC_MOVE_GRAT_REL Command Parameter(s) : SET_POINT_INCREMENT PP078420 Subsch. ID : 90 Det. descr. : MOVE GRATING OF A RELATIVE POSITION	PC113420 -117 <dec>	
	ET=+ UT=+00.00.01	DMC_MOVE_GRAT_REL_RAW DMC_MOVE_GRAT_REL Command Parameter(s) : SET_POINT_INCREMENT PP078420 Subsch. ID : 90 Det. descr. : MOVE GRATING OF A RELATIVE POSITION	PC113420 -117 <dec>	
	ET=+ UT=+00.00.01	DMC_MOVE_GRAT_REL_RAW DMC_MOVE_GRAT_REL Command Parameter(s) : SET_POINT_INCREMENT PP078420 Subsch. ID : 90 Det. descr. : MOVE GRATING OF A RELATIVE POSITION	PC113420 -117 <dec>	
	ET=+ UT=+00.00.16	DMC_DISABLE_GRAT_CONT DMC_DISABLE_GRAT_CONT Subsch. ID : 90 Det. descr. : DISABLE GRATING CONTROLLER	PC111420	
	ET=+ UT=+00.00.01	DMC_WRT_GRAT_CONF_FILT DMC_WRT_GRAT_CONF_FILT Command Parameter(s) : DMC_4_BYTES_WORDS_DATA PP067420 DMC_4_BYTES_WORDS_DATA PP067420 DMC_4_BYTES_WORDS_DATA PP067420 DMC_4_BYTES_WORDS_DATA PP067420 DMC_4_BYTES_WORDS_DATA PP067420 DMC_CHECKSUM PP066420 Subsch. ID : 90 Det. descr. : WRITE THE PARAMETERS OF THE GRATING CONTROLLER FILTER	PC378420 63 64 65 66 67 68	

PACS_Spec_Gra_IST_Filt_List_OBS
 File: H_COP_PAC_G301.xls
 Author: R. Biggins



Step No.	Time	Activity/Remarks	TC/TLM	Display/ Branch
	ET=+ UT=+00.00.01	DMC_ENABLE_GRAT_CONT DMC_ENABLE_GRAT_CONT Subsch. ID : 90 Det. descr. : ENABLE GRATING CONTROLLER	PC110420	
	ET=+ UT=+00.00.05	DMC_MOVE_GRAT_ABS_RAW DMC_MOVE_GRAT_ABS Command Parameter(s) : SET_POINT PP079420 Subsch. ID : 90 Det. descr. : MOVE GRATING TO AN ABSOLUTE POSITION	PC112420 500000 <dec>	
	ET=+ UT=+00.00.05	DMC_MOVE_GRAT_REL_RAW DMC_MOVE_GRAT_REL Command Parameter(s) : SET_POINT_INCREMENT PP078420 Subsch. ID : 90 Det. descr. : MOVE GRATING OF A RELATIVE POSITION	PC113420 -200000 <dec>	
	ET=+ UT=+00.00.04	DMC_MOVE_GRAT_REL_RAW DMC_MOVE_GRAT_REL Command Parameter(s) : SET_POINT_INCREMENT PP078420 Subsch. ID : 90 Det. descr. : MOVE GRATING OF A RELATIVE POSITION	PC113420 117 <dec>	
	ET=+ UT=+00.00.01	DMC_MOVE_GRAT_REL_RAW DMC_MOVE_GRAT_REL Command Parameter(s) : SET_POINT_INCREMENT PP078420 Subsch. ID : 90 Det. descr. : MOVE GRATING OF A RELATIVE POSITION	PC113420 117 <dec>	
	ET=+ UT=+00.00.01	DMC_MOVE_GRAT_REL_RAW DMC_MOVE_GRAT_REL Command Parameter(s) : SET_POINT_INCREMENT PP078420 Subsch. ID : 90 Det. descr. : MOVE GRATING OF A RELATIVE POSITION	PC113420 117 <dec>	
	ET=+ UT=+00.00.01	DMC_MOVE_GRAT_REL_RAW DMC_MOVE_GRAT_REL Command Parameter(s) : SET_POINT_INCREMENT PP078420 Subsch. ID : 90 Det. descr. : MOVE GRATING OF A RELATIVE POSITION	PC113420 117 <dec>	

PACS_Spec_Gra_IST_Filt_List_OBS
 File: H_COP_PAC_G301.xls
 Author: R. Biggins



Step No.	Time	Activity/Remarks	TC/TLM	Display/ Branch
	ET=+ UT=+00.00.01	DMC_MOVE_GRAT_REL_RAW DMC_MOVE_GRAT_REL Command Parameter(s) : SET_POINT_INCREMENT PP078420 Subsch. ID : 90 Det. descr. : MOVE GRATING OF A RELATIVE POSITION	PC113420 117 <dec>	
	ET=+ UT=+00.00.01	DMC_MOVE_GRAT_REL_RAW DMC_MOVE_GRAT_REL Command Parameter(s) : SET_POINT_INCREMENT PP078420 Subsch. ID : 90 Det. descr. : MOVE GRATING OF A RELATIVE POSITION	PC113420 117 <dec>	
	ET=+ UT=+00.00.01	DMC_MOVE_GRAT_REL_RAW DMC_MOVE_GRAT_REL Command Parameter(s) : SET_POINT_INCREMENT PP078420 Subsch. ID : 90 Det. descr. : MOVE GRATING OF A RELATIVE POSITION	PC113420 -117 <dec>	
	ET=+ UT=+00.00.01	DMC_MOVE_GRAT_REL_RAW DMC_MOVE_GRAT_REL Command Parameter(s) : SET_POINT_INCREMENT PP078420 Subsch. ID : 90 Det. descr. : MOVE GRATING OF A RELATIVE POSITION	PC113420 -117 <dec>	
	ET=+ UT=+00.00.01	DMC_MOVE_GRAT_REL_RAW DMC_MOVE_GRAT_REL Command Parameter(s) : SET_POINT_INCREMENT PP078420 Subsch. ID : 90 Det. descr. : MOVE GRATING OF A RELATIVE POSITION	PC113420 -117 <dec>	
	ET=+ UT=+00.00.01	DMC_MOVE_GRAT_REL_RAW DMC_MOVE_GRAT_REL Command Parameter(s) : SET_POINT_INCREMENT PP078420 Subsch. ID : 90 Det. descr. : MOVE GRATING OF A RELATIVE POSITION	PC113420 -117 <dec>	

PACS_Spec_Gra_IST_Filt_List_OBS
 File: H_COP_PAC_G301.xls
 Author: R. Biggins



Step No.	Time	Activity/Remarks	TC/TLM	Display/ Branch
	ET=+ UT=+00.00.01	DMC_MOVE_GRAT_REL_RAW DMC_MOVE_GRAT_REL Command Parameter(s) : SET_POINT_INCREMENT PP078420 Subsch. ID : 90 Det. descr. : MOVE GRATING OF A RELATIVE POSITION	PC113420 -117 <dec>	
	ET=+ UT=+00.00.01	DMC_MOVE_GRAT_REL_RAW DMC_MOVE_GRAT_REL Command Parameter(s) : SET_POINT_INCREMENT PP078420 Subsch. ID : 90 Det. descr. : MOVE GRATING OF A RELATIVE POSITION	PC113420 -117 <dec>	
	ET=+ UT=+00.00.01	DMC_MOVE_GRAT_REL_RAW DMC_MOVE_GRAT_REL Command Parameter(s) : SET_POINT_INCREMENT PP078420 Subsch. ID : 90 Det. descr. : MOVE GRATING OF A RELATIVE POSITION	PC113420 400000 <dec>	
	ET=+ UT=+00.00.06	DMC_MOVE_GRAT_REL_RAW DMC_MOVE_GRAT_REL Command Parameter(s) : SET_POINT_INCREMENT PP078420 Subsch. ID : 90 Det. descr. : MOVE GRATING OF A RELATIVE POSITION	PC113420 117 <dec>	
	ET=+ UT=+00.00.01	DMC_MOVE_GRAT_REL_RAW DMC_MOVE_GRAT_REL Command Parameter(s) : SET_POINT_INCREMENT PP078420 Subsch. ID : 90 Det. descr. : MOVE GRATING OF A RELATIVE POSITION	PC113420 117 <dec>	
	ET=+ UT=+00.00.01	DMC_MOVE_GRAT_REL_RAW DMC_MOVE_GRAT_REL Command Parameter(s) : SET_POINT_INCREMENT PP078420 Subsch. ID : 90 Det. descr. : MOVE GRATING OF A RELATIVE POSITION	PC113420 117 <dec>	

PACS_Spec_Gra_IST_Filt_List_OBS
 File: H_COP_PAC_G301.xls
 Author: R. Biggins



Step No.	Time	Activity/Remarks	TC/TLM	Display/ Branch
	ET=+ UT=+00.00.01	DMC_MOVE_GRAT_REL_RAW DMC_MOVE_GRAT_REL Command Parameter(s) : SET_POINT_INCREMENT PP078420 Subsch. ID : 90 Det. descr. : MOVE GRATING OF A RELATIVE POSITION	PC113420 117 <dec>	
	ET=+ UT=+00.00.01	DMC_MOVE_GRAT_REL_RAW DMC_MOVE_GRAT_REL Command Parameter(s) : SET_POINT_INCREMENT PP078420 Subsch. ID : 90 Det. descr. : MOVE GRATING OF A RELATIVE POSITION	PC113420 117 <dec>	
	ET=+ UT=+00.00.01	DMC_MOVE_GRAT_REL_RAW DMC_MOVE_GRAT_REL Command Parameter(s) : SET_POINT_INCREMENT PP078420 Subsch. ID : 90 Det. descr. : MOVE GRATING OF A RELATIVE POSITION	PC113420 117 <dec>	
	ET=+ UT=+00.00.01	DMC_MOVE_GRAT_REL_RAW DMC_MOVE_GRAT_REL Command Parameter(s) : SET_POINT_INCREMENT PP078420 Subsch. ID : 90 Det. descr. : MOVE GRATING OF A RELATIVE POSITION	PC113420 -117 <dec>	
	ET=+ UT=+00.00.01	DMC_MOVE_GRAT_REL_RAW DMC_MOVE_GRAT_REL Command Parameter(s) : SET_POINT_INCREMENT PP078420 Subsch. ID : 90 Det. descr. : MOVE GRATING OF A RELATIVE POSITION	PC113420 -117 <dec>	
	ET=+ UT=+00.00.01	DMC_MOVE_GRAT_REL_RAW DMC_MOVE_GRAT_REL Command Parameter(s) : SET_POINT_INCREMENT PP078420 Subsch. ID : 90 Det. descr. : MOVE GRATING OF A RELATIVE POSITION	PC113420 -117 <dec>	

PACS_Spec_Gra_IST_Filt_List_OBS
 File: H_COP_PAC_G301.xls
 Author: R. Biggins



Step No.	Time	Activity/Remarks	TC/TLM	Display/ Branch
	ET=+ UT=+00.00.01	DMC_MOVE_GRAT_REL_RAW DMC_MOVE_GRAT_REL Command Parameter(s) : SET_POINT_INCREMENT PP078420 Subsch. ID : 90 Det. descr. : MOVE GRATING OF A RELATIVE POSITION	PC113420 -117 <dec>	
	ET=+ UT=+00.00.01	DMC_MOVE_GRAT_REL_RAW DMC_MOVE_GRAT_REL Command Parameter(s) : SET_POINT_INCREMENT PP078420 Subsch. ID : 90 Det. descr. : MOVE GRATING OF A RELATIVE POSITION	PC113420 -117 <dec>	
	ET=+ UT=+00.00.01	DMC_MOVE_GRAT_REL_RAW DMC_MOVE_GRAT_REL Command Parameter(s) : SET_POINT_INCREMENT PP078420 Subsch. ID : 90 Det. descr. : MOVE GRATING OF A RELATIVE POSITION	PC113420 -117 <dec>	
	ET=+ UT=+00.00.01	DMC_MOVE_GRAT_REL_RAW DMC_MOVE_GRAT_REL Command Parameter(s) : SET_POINT_INCREMENT PP078420 Subsch. ID : 90 Det. descr. : MOVE GRATING OF A RELATIVE POSITION	PC113420 -200000 <dec>	
	ET=+ UT=+00.00.04	DMC_MOVE_GRAT_REL_RAW DMC_MOVE_GRAT_REL Command Parameter(s) : SET_POINT_INCREMENT PP078420 Subsch. ID : 90 Det. descr. : MOVE GRATING OF A RELATIVE POSITION	PC113420 117 <dec>	
	ET=+ UT=+00.00.01	DMC_MOVE_GRAT_REL_RAW DMC_MOVE_GRAT_REL Command Parameter(s) : SET_POINT_INCREMENT PP078420 Subsch. ID : 90 Det. descr. : MOVE GRATING OF A RELATIVE POSITION	PC113420 117 <dec>	

PACS_Spec_Gra_IST_Filt_List_OBS
 File: H_COP_PAC_G301.xls
 Author: R. Biggins



Step No.	Time	Activity/Remarks	TC/TLM	Display/ Branch
	ET=+ UT=+00.00.01	DMC_MOVE_GRAT_REL_RAW DMC_MOVE_GRAT_REL Command Parameter(s) : SET_POINT_INCREMENT PP078420 Subsch. ID : 90 Det. descr. : MOVE GRATING OF A RELATIVE POSITION	PC113420 117 <dec>	
	ET=+ UT=+00.00.01	DMC_MOVE_GRAT_REL_RAW DMC_MOVE_GRAT_REL Command Parameter(s) : SET_POINT_INCREMENT PP078420 Subsch. ID : 90 Det. descr. : MOVE GRATING OF A RELATIVE POSITION	PC113420 117 <dec>	
	ET=+ UT=+00.00.01	DMC_MOVE_GRAT_REL_RAW DMC_MOVE_GRAT_REL Command Parameter(s) : SET_POINT_INCREMENT PP078420 Subsch. ID : 90 Det. descr. : MOVE GRATING OF A RELATIVE POSITION	PC113420 117 <dec>	
	ET=+ UT=+00.00.01	DMC_MOVE_GRAT_REL_RAW DMC_MOVE_GRAT_REL Command Parameter(s) : SET_POINT_INCREMENT PP078420 Subsch. ID : 90 Det. descr. : MOVE GRATING OF A RELATIVE POSITION	PC113420 117 <dec>	
	ET=+ UT=+00.00.01	DMC_MOVE_GRAT_REL_RAW DMC_MOVE_GRAT_REL Command Parameter(s) : SET_POINT_INCREMENT PP078420 Subsch. ID : 90 Det. descr. : MOVE GRATING OF A RELATIVE POSITION	PC113420 -117 <dec>	
	ET=+ UT=+00.00.01	DMC_MOVE_GRAT_REL_RAW DMC_MOVE_GRAT_REL Command Parameter(s) : SET_POINT_INCREMENT PP078420 Subsch. ID : 90 Det. descr. : MOVE GRATING OF A RELATIVE POSITION	PC113420 -117 <dec>	

PACS_Spec_Gra_IST_Filt_List_OBS
 File: H_COP_PAC_G301.xls
 Author: R. Biggins



Step No.	Time	Activity/Remarks	TC/TLM	Display/ Branch
	ET=+ UT=+00.00.01	DMC_MOVE_GRAT_REL_RAW DMC_MOVE_GRAT_REL Command Parameter(s) : SET_POINT_INCREMENT PP078420 Subsch. ID : 90 Det. descr. : MOVE GRATING OF A RELATIVE POSITION	PC113420 -117 <dec>	
	ET=+ UT=+00.00.01	DMC_MOVE_GRAT_REL_RAW DMC_MOVE_GRAT_REL Command Parameter(s) : SET_POINT_INCREMENT PP078420 Subsch. ID : 90 Det. descr. : MOVE GRATING OF A RELATIVE POSITION	PC113420 -117 <dec>	
	ET=+ UT=+00.00.01	DMC_MOVE_GRAT_REL_RAW DMC_MOVE_GRAT_REL Command Parameter(s) : SET_POINT_INCREMENT PP078420 Subsch. ID : 90 Det. descr. : MOVE GRATING OF A RELATIVE POSITION	PC113420 -117 <dec>	
	ET=+ UT=+00.00.01	DMC_MOVE_GRAT_REL_RAW DMC_MOVE_GRAT_REL Command Parameter(s) : SET_POINT_INCREMENT PP078420 Subsch. ID : 90 Det. descr. : MOVE GRATING OF A RELATIVE POSITION	PC113420 -117 <dec>	
	ET=+ UT=+00.00.16	DMC_DISABLE_GRAT_CONT DMC_DISABLE_GRAT_CONT Subsch. ID : 90 Det. descr. : DISABLE GRATING CONTROLLER	PC111420	
	ET=+ UT=+00.00.01	DMC_WRT_GRAT_CONF_FILT DMC_WRT_GRAT_CONF_FILT Command Parameter(s) : DMC_4_BYTES_WORDS_DATA PP067420 69 DMC_4_BYTES_WORDS_DATA PP067420 70 DMC_4_BYTES_WORDS_DATA PP067420 71 DMC_4_BYTES_WORDS_DATA PP067420 72 DMC_4_BYTES_WORDS_DATA PP067420 73 DMC_CHECKSUM PP066420 74 Subsch. ID : 90 Det. descr. : WRITE THE PARAMETERS OF THE GRATING CONTROLLER FILTER	PC378420	

PACS_Spec_Gra_IST_Filt_List_OBS
 File: H_COP_PAC_G301.xls
 Author: R. Biggins



Step No.	Time	Activity/Remarks	TC/TLM	Display/ Branch
	ET=+ UT=+00.00.01	DMC_ENABLE_GRAT_CONT DMC_ENABLE_GRAT_CONT Subsch. ID : 90 Det. descr. : ENABLE GRATING CONTROLLER	PC110420	
	ET=+ UT=+00.00.05	DMC_MOVE_GRAT_ABS_RAW DMC_MOVE_GRAT_ABS Command Parameter(s) : SET_POINT PP079420 Subsch. ID : 90 Det. descr. : MOVE GRATING TO AN ABSOLUTE POSITION	PC112420 500000 <dec>	
	ET=+ UT=+00.00.05	DMC_MOVE_GRAT_REL_RAW DMC_MOVE_GRAT_REL Command Parameter(s) : SET_POINT_INCREMENT PP078420 Subsch. ID : 90 Det. descr. : MOVE GRATING OF A RELATIVE POSITION	PC113420 -200000 <dec>	
	ET=+ UT=+00.00.04	DMC_MOVE_GRAT_REL_RAW DMC_MOVE_GRAT_REL Command Parameter(s) : SET_POINT_INCREMENT PP078420 Subsch. ID : 90 Det. descr. : MOVE GRATING OF A RELATIVE POSITION	PC113420 117 <dec>	
	ET=+ UT=+00.00.01	DMC_MOVE_GRAT_REL_RAW DMC_MOVE_GRAT_REL Command Parameter(s) : SET_POINT_INCREMENT PP078420 Subsch. ID : 90 Det. descr. : MOVE GRATING OF A RELATIVE POSITION	PC113420 117 <dec>	
	ET=+ UT=+00.00.01	DMC_MOVE_GRAT_REL_RAW DMC_MOVE_GRAT_REL Command Parameter(s) : SET_POINT_INCREMENT PP078420 Subsch. ID : 90 Det. descr. : MOVE GRATING OF A RELATIVE POSITION	PC113420 117 <dec>	
	ET=+ UT=+00.00.01	DMC_MOVE_GRAT_REL_RAW DMC_MOVE_GRAT_REL Command Parameter(s) : SET_POINT_INCREMENT PP078420 Subsch. ID : 90 Det. descr. : MOVE GRATING OF A RELATIVE POSITION	PC113420 117 <dec>	

PACS_Spec_Gra_IST_Filt_List_OBS
 File: H_COP_PAC_G301.xls
 Author: R. Biggins



Step No.	Time	Activity/Remarks	TC/TLM	Display/ Branch
	ET=+ UT=+00.00.01	DMC_MOVE_GRAT_REL_RAW DMC_MOVE_GRAT_REL Command Parameter(s) : SET_POINT_INCREMENT PP078420 Subsch. ID : 90 Det. descr. : MOVE GRATING OF A RELATIVE POSITION	PC113420 117 <dec>	
	ET=+ UT=+00.00.01	DMC_MOVE_GRAT_REL_RAW DMC_MOVE_GRAT_REL Command Parameter(s) : SET_POINT_INCREMENT PP078420 Subsch. ID : 90 Det. descr. : MOVE GRATING OF A RELATIVE POSITION	PC113420 117 <dec>	
	ET=+ UT=+00.00.01	DMC_MOVE_GRAT_REL_RAW DMC_MOVE_GRAT_REL Command Parameter(s) : SET_POINT_INCREMENT PP078420 Subsch. ID : 90 Det. descr. : MOVE GRATING OF A RELATIVE POSITION	PC113420 -117 <dec>	
	ET=+ UT=+00.00.01	DMC_MOVE_GRAT_REL_RAW DMC_MOVE_GRAT_REL Command Parameter(s) : SET_POINT_INCREMENT PP078420 Subsch. ID : 90 Det. descr. : MOVE GRATING OF A RELATIVE POSITION	PC113420 -117 <dec>	
	ET=+ UT=+00.00.01	DMC_MOVE_GRAT_REL_RAW DMC_MOVE_GRAT_REL Command Parameter(s) : SET_POINT_INCREMENT PP078420 Subsch. ID : 90 Det. descr. : MOVE GRATING OF A RELATIVE POSITION	PC113420 -117 <dec>	
	ET=+ UT=+00.00.01	DMC_MOVE_GRAT_REL_RAW DMC_MOVE_GRAT_REL Command Parameter(s) : SET_POINT_INCREMENT PP078420 Subsch. ID : 90 Det. descr. : MOVE GRATING OF A RELATIVE POSITION	PC113420 -117 <dec>	

PACS_Spec_Gra_IST_Filt_List_OBS
 File: H_COP_PAC_G301.xls
 Author: R. Biggins



Step No.	Time	Activity/Remarks	TC/TLM	Display/ Branch
	ET=+ UT=+00.00.01	DMC_MOVE_GRAT_REL_RAW DMC_MOVE_GRAT_REL Command Parameter(s) : SET_POINT_INCREMENT PP078420 Subsch. ID : 90 Det. descr. : MOVE GRATING OF A RELATIVE POSITION	PC113420 -117 <dec>	
	ET=+ UT=+00.00.01	DMC_MOVE_GRAT_REL_RAW DMC_MOVE_GRAT_REL Command Parameter(s) : SET_POINT_INCREMENT PP078420 Subsch. ID : 90 Det. descr. : MOVE GRATING OF A RELATIVE POSITION	PC113420 -117 <dec>	
	ET=+ UT=+00.00.01	DMC_MOVE_GRAT_REL_RAW DMC_MOVE_GRAT_REL Command Parameter(s) : SET_POINT_INCREMENT PP078420 Subsch. ID : 90 Det. descr. : MOVE GRATING OF A RELATIVE POSITION	PC113420 400000 <dec>	
	ET=+ UT=+00.00.06	DMC_MOVE_GRAT_REL_RAW DMC_MOVE_GRAT_REL Command Parameter(s) : SET_POINT_INCREMENT PP078420 Subsch. ID : 90 Det. descr. : MOVE GRATING OF A RELATIVE POSITION	PC113420 117 <dec>	
	ET=+ UT=+00.00.01	DMC_MOVE_GRAT_REL_RAW DMC_MOVE_GRAT_REL Command Parameter(s) : SET_POINT_INCREMENT PP078420 Subsch. ID : 90 Det. descr. : MOVE GRATING OF A RELATIVE POSITION	PC113420 117 <dec>	
	ET=+ UT=+00.00.01	DMC_MOVE_GRAT_REL_RAW DMC_MOVE_GRAT_REL Command Parameter(s) : SET_POINT_INCREMENT PP078420 Subsch. ID : 90 Det. descr. : MOVE GRATING OF A RELATIVE POSITION	PC113420 117 <dec>	

PACS_Spec_Gra_IST_Filt_List_OBS
 File: H_COP_PAC_G301.xls
 Author: R. Biggins



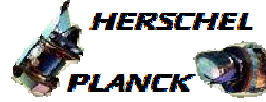
Step No.	Time	Activity/Remarks	TC/TLM	Display/ Branch
	ET=+ UT=+00.00.01	DMC_MOVE_GRAT_REL_RAW DMC_MOVE_GRAT_REL Command Parameter(s) : SET_POINT_INCREMENT PP078420 Subsch. ID : 90 Det. descr. : MOVE GRATING OF A RELATIVE POSITION	PC113420 117 <dec>	
	ET=+ UT=+00.00.01	DMC_MOVE_GRAT_REL_RAW DMC_MOVE_GRAT_REL Command Parameter(s) : SET_POINT_INCREMENT PP078420 Subsch. ID : 90 Det. descr. : MOVE GRATING OF A RELATIVE POSITION	PC113420 117 <dec>	
	ET=+ UT=+00.00.01	DMC_MOVE_GRAT_REL_RAW DMC_MOVE_GRAT_REL Command Parameter(s) : SET_POINT_INCREMENT PP078420 Subsch. ID : 90 Det. descr. : MOVE GRATING OF A RELATIVE POSITION	PC113420 117 <dec>	
	ET=+ UT=+00.00.01	DMC_MOVE_GRAT_REL_RAW DMC_MOVE_GRAT_REL Command Parameter(s) : SET_POINT_INCREMENT PP078420 Subsch. ID : 90 Det. descr. : MOVE GRATING OF A RELATIVE POSITION	PC113420 -117 <dec>	
	ET=+ UT=+00.00.01	DMC_MOVE_GRAT_REL_RAW DMC_MOVE_GRAT_REL Command Parameter(s) : SET_POINT_INCREMENT PP078420 Subsch. ID : 90 Det. descr. : MOVE GRATING OF A RELATIVE POSITION	PC113420 -117 <dec>	
	ET=+ UT=+00.00.01	DMC_MOVE_GRAT_REL_RAW DMC_MOVE_GRAT_REL Command Parameter(s) : SET_POINT_INCREMENT PP078420 Subsch. ID : 90 Det. descr. : MOVE GRATING OF A RELATIVE POSITION	PC113420 -117 <dec>	

PACS_Spec_Gra_IST_Filt_List_OBS
 File: H_COP_PAC_G301.xls
 Author: R. Biggins



Step No.	Time	Activity/Remarks	TC/TLM	Display/ Branch
	ET=+ UT=+00.00.01	DMC_MOVE_GRAT_REL_RAW DMC_MOVE_GRAT_REL Command Parameter(s) : SET_POINT_INCREMENT PP078420 Subsch. ID : 90 Det. descr. : MOVE GRATING OF A RELATIVE POSITION	PC113420 -117 <dec>	
	ET=+ UT=+00.00.01	DMC_MOVE_GRAT_REL_RAW DMC_MOVE_GRAT_REL Command Parameter(s) : SET_POINT_INCREMENT PP078420 Subsch. ID : 90 Det. descr. : MOVE GRATING OF A RELATIVE POSITION	PC113420 -117 <dec>	
	ET=+ UT=+00.00.01	DMC_MOVE_GRAT_REL_RAW DMC_MOVE_GRAT_REL Command Parameter(s) : SET_POINT_INCREMENT PP078420 Subsch. ID : 90 Det. descr. : MOVE GRATING OF A RELATIVE POSITION	PC113420 -117 <dec>	
	ET=+ UT=+00.00.01	DMC_MOVE_GRAT_REL_RAW DMC_MOVE_GRAT_REL Command Parameter(s) : SET_POINT_INCREMENT PP078420 Subsch. ID : 90 Det. descr. : MOVE GRATING OF A RELATIVE POSITION	PC113420 -200000 <dec>	
	ET=+ UT=+00.00.04	DMC_MOVE_GRAT_REL_RAW DMC_MOVE_GRAT_REL Command Parameter(s) : SET_POINT_INCREMENT PP078420 Subsch. ID : 90 Det. descr. : MOVE GRATING OF A RELATIVE POSITION	PC113420 117 <dec>	
	ET=+ UT=+00.00.01	DMC_MOVE_GRAT_REL_RAW DMC_MOVE_GRAT_REL Command Parameter(s) : SET_POINT_INCREMENT PP078420 Subsch. ID : 90 Det. descr. : MOVE GRATING OF A RELATIVE POSITION	PC113420 117 <dec>	

PACS_Spec_Gra_IST_Filt_List_OBS
 File: H_COP_PAC_G301.xls
 Author: R. Biggins



Step No.	Time	Activity/Remarks	TC/TLM	Display/ Branch
	ET=+ UT=+00.00.01	DMC_MOVE_GRAT_REL_RAW DMC_MOVE_GRAT_REL Command Parameter(s) : SET_POINT_INCREMENT PP078420 Subsch. ID : 90 Det. descr. : MOVE GRATING OF A RELATIVE POSITION	PC113420 117 <dec>	
	ET=+ UT=+00.00.01	DMC_MOVE_GRAT_REL_RAW DMC_MOVE_GRAT_REL Command Parameter(s) : SET_POINT_INCREMENT PP078420 Subsch. ID : 90 Det. descr. : MOVE GRATING OF A RELATIVE POSITION	PC113420 117 <dec>	
	ET=+ UT=+00.00.01	DMC_MOVE_GRAT_REL_RAW DMC_MOVE_GRAT_REL Command Parameter(s) : SET_POINT_INCREMENT PP078420 Subsch. ID : 90 Det. descr. : MOVE GRATING OF A RELATIVE POSITION	PC113420 117 <dec>	
	ET=+ UT=+00.00.01	DMC_MOVE_GRAT_REL_RAW DMC_MOVE_GRAT_REL Command Parameter(s) : SET_POINT_INCREMENT PP078420 Subsch. ID : 90 Det. descr. : MOVE GRATING OF A RELATIVE POSITION	PC113420 117 <dec>	
	ET=+ UT=+00.00.01	DMC_MOVE_GRAT_REL_RAW DMC_MOVE_GRAT_REL Command Parameter(s) : SET_POINT_INCREMENT PP078420 Subsch. ID : 90 Det. descr. : MOVE GRATING OF A RELATIVE POSITION	PC113420 -117 <dec>	
	ET=+ UT=+00.00.01	DMC_MOVE_GRAT_REL_RAW DMC_MOVE_GRAT_REL Command Parameter(s) : SET_POINT_INCREMENT PP078420 Subsch. ID : 90 Det. descr. : MOVE GRATING OF A RELATIVE POSITION	PC113420 -117 <dec>	

PACS_Spec_Gra_IST_Filt_List_OBS
 File: H_COP_PAC_G301.xls
 Author: R. Biggins



Step No.	Time	Activity/Remarks	TC/TLM	Display/ Branch
	ET=+ UT=+00.00.01	DMC_MOVE_GRAT_REL_RAW DMC_MOVE_GRAT_REL Command Parameter(s) : SET_POINT_INCREMENT PP078420 Subsch. ID : 90 Det. descr. : MOVE GRATING OF A RELATIVE POSITION	PC113420 -117 <dec>	
	ET=+ UT=+00.00.01	DMC_MOVE_GRAT_REL_RAW DMC_MOVE_GRAT_REL Command Parameter(s) : SET_POINT_INCREMENT PP078420 Subsch. ID : 90 Det. descr. : MOVE GRATING OF A RELATIVE POSITION	PC113420 -117 <dec>	
	ET=+ UT=+00.00.01	DMC_MOVE_GRAT_REL_RAW DMC_MOVE_GRAT_REL Command Parameter(s) : SET_POINT_INCREMENT PP078420 Subsch. ID : 90 Det. descr. : MOVE GRATING OF A RELATIVE POSITION	PC113420 -117 <dec>	
	ET=+ UT=+00.00.01	DMC_MOVE_GRAT_REL_RAW DMC_MOVE_GRAT_REL Command Parameter(s) : SET_POINT_INCREMENT PP078420 Subsch. ID : 90 Det. descr. : MOVE GRATING OF A RELATIVE POSITION	PC113420 -117 <dec>	
	ET=+ UT=+00.00.16	DMC_DISABLE_GRAT_CONT DMC_DISABLE_GRAT_CONT Subsch. ID : 90 Det. descr. : DISABLE GRATING CONTROLLER	PC111420	
8		Stop Diagnostic HK		Next Step: 9
	ET=+ UT=+00.00.01	DMC_STOP_DIAG_HK DMC_STOP_DIAG_HK TC Control Flags : GBM IL DSE --Y -- -- Subsch. ID : 90 Det. descr. : STOP THE ACQUISITION OF THE DIAGNOSTIC HK	PC147420	
		NOTE: The verification of the cessation of generation of the TM(21,3) diagnostic packets cannot be done on the MCS, but can be seen on the NCTRS (VC7)		

PACS_Spec_Gra_IST_Filt_List_OBS
 File: H_COP_PAC_G301.xls
 Author: R. Biggins



Step No.	Time	Activity/Remarks	TC/TLM	Display/ Branch
9		Go to SAFE mode		Next Step: 10
	ET=+ UT=+00.00.01	DMC_SET_BBID Command Parameter(s) : BUILDING_BLOCK_ID PP070420 TC Control Flags : Subsch. ID : 90 Det. descr. : SET BBID IN DMC	DMC_SET_BBID PC079420 40180001 <hex>	
	ET=+ UT=+00.00.01	DPU_START_OBCP Command Parameter(s) : PROCEDURE_ID PP012380 NUMBER_OF_TIMES PP010380 Subsch. ID : 90 Det. descr. : START AN OBCP WITH THE COMMANDED PARAMETERS	DPU_START_OBCP PC012380 GO_SAFE_MODE 0 <dec>	
		Verify Telemetry DP_TM_RATE PM049380	= NO PRIME	AND=ZAZ98999
10		Set default variables		Next Step: END
	ET=+ UT=+00.00.01	DMC_SET_OBSID Command Parameter(s) : OBSERVATION_ID PP069420 TC Control Flags : Subsch. ID : 90 Det. descr. : SET OBSID IN DMC	DMC_SET_OBSID PC078420 00000000 <hex>	
	ET=+ UT=+00.00.00	DMC_SET_BBID Command Parameter(s) : BUILDING_BLOCK_ID PP070420 Subsch. ID : 90 Det. descr. : SET BBID IN DMC	DMC_SET_BBID PC079420 40000000 <hex>	
		Verify Telemetry DM_OBSID PM028420	= 00000000 <hex>	AND=ZAZ98999
		Verify Telemetry DM_BBID PM029420	= 40000000 <hex>	AND=ZAZ98999

PACS_Spec_Gra_IST_Filt_List_OBS
File: H_COP_PAC_G301.xls
Author: R. Biggins



Step No.	Time	Activity/Remarks	TC/TLM	Display/ Branch
End of Procedure				