

Contents

MTP and STP start and stop time period.....	2
STP063	6
STP064	10
STP065	14
STP066	19
STP067	23
STP068	47
STP069	50
STP070	66
STP071	70
STP072	81
STP073	92
STP074	103
STP075	108
STP076	113
STP077	116
STP078	116

MTP and STP start and stop time period

<i>MTP</i>	<i>STP</i>	<i>VSTP</i>	<i>Execution Start</i>	<i>Execution End</i>
<i>MTP018 (LTP005)</i>	<i>STP063</i>	<i>VSTP120</i>	2015/06/30T23:25:00	2015/07/03T23:25:00
		<i>VSTP121</i>	2015/07/03T23:25:00	2015/07/07T23:25:00
	<i>STP064</i>	<i>VSTP122</i>	2015/07/07T23:25:00	2015/07/10T23:25:00
		<i>VSTP123</i>	2015/07/10T23:25:00	2015/07/14T23:25:00
	<i>STP065</i>	<i>VSTP124</i>	2015/07/14T23:25:00	2015/07/17T23:25:00
		<i>VSTP125</i>	2015/07/17T23:25:00	2015/07/21T23:25:00
	<i>STP066</i>	<i>VSTP126</i>	2015/07/21T23:25:00	2015/07/24T23:25:00
		<i>VSTP127</i>	2015/07/24T23:25:00	2015/07/28T23:25:00
<i>MTP019 (LTP006)</i>	<i>STP067</i>	<i>VSTP128</i>	2015/07/28T23:25:00	2015/07/31T23:25:00
		<i>VSTP129</i>	2015/07/31T23:25:00	2015/08/04T23:25:00
	<i>STP068</i>	<i>VSTP130</i>	2015/08/04T23:25:00	2015/08/07T23:25:00
		<i>VSTP131</i>	2015/08/07T23:25:00	2015/08/11T23:25:00
	<i>STP069</i>	<i>VSTP132</i>	2015/08/11T23:25:00	2015/08/14T23:25:00
		<i>VSTP133</i>	2015/08/14T23:25:00	2015/08/18T23:25:00
	<i>STP070</i>	<i>VSTP134</i>	2015/08/18T23:25:00	2015/08/21T23:25:00

		VSTP135	2015/08/21T23:25:00	2015/08/25T23:25:00
MTP020 (LTP006)	STP071	VSTP136	2015/08/25T23:25:00	2015/08/28T23:25:00
		VSTP137	2015/08/28T23:25:00	2015/09/01T23:25:00
	STP072	VSTP138	2015/09/01T23:25:00	2015/09/04T23:25:00
		VSTP139	2015/09/04T23:25:00	2015/09/08T23:25:00
	STP073	VSTP140	2015/09/08T23:25:00	2015/09/11T23:25:00
		VSTP141	2015/09/11T23:25:00	2015/09/15T23:25:00
	STP074	VSTP142	2015/09/15T23:25:00	2015/09/18T23:25:00
		VSTP143	2015/09/18T23:25:00	2015/09/22T23:25:00
MTP021 (LTP006)	STP075	VSTP144	2015/09/22T23:25:00	2015/09/25T23:25:00
		VSTP145	2015/09/25T23:25:00	2015/09/29T23:25:00
	STP076	VSTP146	2015/09/29T23:25:00	2015/10/02T23:25:00
		VSTP147	2015/10/02T23:25:00	2015/10/06T23:25:00
	STP077	VSTP148	2015/10/06T23:25:00	2015/10/09T23:25:00
		VSTP149	2015/10/09T23:25:00	2015/10/13T23:25:00
	STP078	VSTP150	2015/10/13T23:25:00	2015/10/16T23:25:00
		VSTP151	2015/10/16T23:25:00	2015/10/20T23:25:00
MTP018 (LTP005)	STP063	VSTP120	2015/06/30T23:25:00	2015/07/03T23:25:00
		VSTP121	2015/07/03T23:25:00	2015/07/07T23:25:00
	STP064	VSTP122	2015/07/07T23:25:00	2015/07/10T23:25:00

		VSTP123	2015/07/10T23:25:00	2015/07/14T23:25:00
	STP065	VSTP124	2015/07/14T23:25:00	2015/07/17T23:25:00
		VSTP1	2015/07/17T23:25:00	2015/07/21T23:25:00
	STP066	VSTP126	2015/07/21T23:25:00	2015/07/24T23:25:00
		VSTP127	2015/07/24T23:25:00	2015/07/28T23:25:00
MTP019 (LTP006)	STP067	VSTP128	2015/07/28T23:25:00	2015/07/31T23:25:00
		VSTP129	2015/07/31T23:25:00	2015/08/04T23:25:00
	STP068	VSTP130	2015/08/04T23:25:00	2015/08/07T23:25:00
		VSTP131	2015/08/07T23:25:00	2015/08/11T23:25:00
	STP069	VSTP132	2015/08/11T23:25:00	2015/08/14T23:25:00
		VSTP133	2015/08/14T23:25:00	2015/08/18T23:25:00
	STP070	VSTP134	2015/08/18T23:25:00	2015/08/21T23:25:00
		VSTP135	2015/08/21T23:25:00	2015/08/25T23:25:00
MTP020 (LTP006)	STP071	VSTP136	2015/08/25T23:25:00	2015/08/28T23:25:00
		VSTP137	2015/08/28T23:25:00	2015/09/01T23:25:00
	STP072	VSTP138	2015/09/01T23:25:00	2015/09/04T23:25:00
		VSTP139	2015/09/04T23:25:00	2015/09/08T23:25:00
	STP073	VSTP140	2015/09/08T23:25:00	2015/09/11T23:25:00
		VSTP141	2015/09/11T23:25:00	2015/09/15T23:25:00
	STP074	VSTP142	2015/09/15T23:25:00	2015/09/18T23:25:00
		VSTP143	2015/09/18T23:25:00	2015/09/22T23:25:00
MTP021 (LTP006)	STP075	VSTP144	2015/09/22T23:25:00	2015/09/25T23:25:00
		VSTP145	2015/09/25T23:25:00	2015/09/29T23:25:00
	STP076	VSTP146	2015/09/29T23:25:00	2015/10/02T23:25:00
		VSTP147	2015/10/02T23:25:00	2015/10/06T23:25:00
	STP077	VSTP148	2015/10/06T23:25:00	2015/10/09T23:25:00
		VSTP149	2015/10/09T23:25:00	2015/10/13T23:25:00
	STP078	VSTP150	2015/10/13T23:25:00	2015/10/16T23:25:00

	VSTP151	2015/10/16T23:25:00	2015/10/20T23:25:00
--	----------------	---------------------	---------------------

STP063

Start time	Set Time	Instrument	Mode/Seq	Mode/Seq number	Cycle number	Repetition	Duration [s]	Stop time	
MOCM	30/06/2015 23:25	01/07/2015 03:55							
182_04:00:00	1	ROSINA	Flight sequence	ARNF051A	0	0	60	182_04:01:00	
182_04:10:00	1	ROSINA	Flight sequence	ARNF050A_M	0	0	120	182_04:12:00	
182_04:12:00	0	ROSINA	Flight sequence	ARNF002A	0	0	220	182_04:15:40	
182_05:50:00	0	RTOF	Flight sequence	ARNF022B	0	0	60		RTOF Mode 51 : switch to filament 2 (PERMANENT)
182_05:55:00	1	COPS	Flight sequence	ARNF015A	0	0	120	182_05:57:00	
182_05:57:00	0	COPS	Mode	322	1	0	60	182_05:58:00	
182_05:58:00	0	RTOF	Flight sequence	ARNS041A_RTOF	0	0	60	182_05:59:00	
182_06:05:00	1	RTOF	Flight sequence	ARNF004A	0	0	120	182_06:07:00	
182_06:07:00	0	RTOF	Mode	51	3	0	2460	182_06:48:00	
182_06:08:00	0	DFMS	Flight sequence	ARNF003A	0	0	120	182_06:10:00	
182_06:10:00	0	DFMS	Flight sequence	ARNF100A	0	0	20	182_06:10:20	
182_06:10:20	0	COPS	Flight sequence	ARNF016A	0	0	60	182_06:11:20	
182_06:11:20	0	DFMS	Mode	222	0	3	11940	182_09:30:20	
182_09:30:20	0	DFMS	Flight sequence	ARNS081B	0	0	10	182_09:30:30	
182_09:30:30	0	RTOF	Mode	1	0	0	0	182_09:30:30	
182_09:31:30	0	DFMS	Mode	1	0	0	120	182_09:33:30	
182_09:32:30	0	RTOF	Flight sequence	ARNF014A	0	0	120	182_09:34:30	
MWNV	01/07/2015 09:37	01/07/2015 10:47							
182_10:47:00	1	DFMS	Mode	222	0	11	31680	182_19:35:00	

182_19:35:00	0	DFMS	Flight sequence	ARNS081B	0	0	10	182_19:35:10
182_19:35:10	0	DFMS	Mode	1	0	0	120	182_19:37:10
MWNV	01/07/2015 19:50	01/07/2015 21:00						
182_21:00:00	1	DFMS	Mode	222	0	0	3300	182_21:55:00
182_21:55:00	0	DFMS	Sequence	28	0	0	3140	182_22:47:20
182_22:47:20	0	DFMS	Mode	600	0	0	4600	183_00:04:00
183_00:04:00	0	DFMS	Sequence	28	0	0	3260	183_00:58:20
183_00:58:20	0	DFMS	Mode	631	0	0	4600	183_02:15:00
183_02:15:00	0	DFMS	Sequence	28	0	0	3260	183_03:09:20
183_03:09:20	0	DFMS	Mode	632	0	0	4480	183_04:24:00
183_04:24:00	0	DFMS	Mode	520	0	3	628	183_04:34:28
183_04:34:28	0	DFMS	Mode	630	0	0	4600	183_05:51:08
183_05:51:08	0	DFMS	Mode	520	0	2	591	183_06:00:59
183_06:00:59	0	DFMS	Flight sequence	ARNS081B	0	0	10	183_06:01:09
183_06:01:09	0	DFMS	Mode	1	0	0	120	183_06:03:09
MWNV	02/07/2015 06:03	02/07/2015 07:13						
183_07:13:00	1	DFMS	Mode	222	0	11	31680	183_16:01:00
183_16:01:00	0	DFMS	Flight sequence	ARNS081B	0	0	10	183_16:01:10
183_16:01:10	0	DFMS	Mode	1	0	0	120	183_16:03:10
MWNV	02/07/2015 16:16	02/07/2015 17:26						
183_17:26:00	1	DFMS	Mode	222	0	11	31680	184_02:14:00
184_02:18:24	1	DFMS	Flight sequence	ARNS081B	0	0	10	184_02:18:34
184_02:18:34	0	DFMS	Mode	1	0	0	120	184_02:20:34
MWNV	03/07/2015 02:29	03/07/2015 03:39						
184_03:39:00	1	DFMS	Mode	222	0	8	23940	184_10:18:00
184_10:18:00	0	DFMS	Mode	222	0	2	7740	184_12:27:00
184_12:27:00	0	DFMS	Flight sequence	ARNS081B	0	0	10	184_12:27:10
184_12:27:10	0	DFMS	Mode	1	0	0	120	184_12:29:10
MWNV	03/07/2015 12:42	03/07/2015 13:52						
184_13:52:00	1	DFMS	Mode	222	0	11	31680	184_22:40:00
184_22:40:00	0	DFMS	Flight sequence	ARNS081B	0	0	10	184_22:40:10
184_22:40:10	0	DFMS	Mode	1	0	0	120	184_22:42:10

184_22:42:10	0	DFMS	Flight sequence	ARNF100B	0	0	20	184_22:42:30
184_22:42:30	0	DFMS	Flight sequence	ARNF014B	0	0	125	184_22:44:35
184_23:15:00	1	COPS	Flight sequence	ARNF016B	0	0	60	184_23:16:00
184_23:16:00	0	COPS	Flight sequence	ARNF011A	0	0	210	184_23:19:30
MOCM	03/07/2015 23:25	04/07/2015 05:55						
185_05:55:00	1	COPS	Flight sequence	ARNF015A	0	0	120	185_05:57:00
185_05:57:00	0	COPS	Mode	322	1	0	60	185_05:58:00
185_05:58:00	0	DFMS	Flight sequence	ARNF003A	0	0	120	185_06:00:00
185_06:00:00	0	DFMS	Flight sequence	ARNF100A	0	0	20	185_06:00:20
185_06:00:20	0	DFMS	Mode	222	0	3	11040	185_09:04:20
185_06:20:20	1	COPS	Flight sequence	ARNF016A	0	0	60	185_06:21:20
185_09:04:20	0	DFMS	Flight sequence	ARNS081B	0	0	10	185_09:04:30
185_09:04:30	0	DFMS	Mode	1	0	0	120	185_09:06:30
MWNV	04/07/2015 09:28	04/07/2015 10:38						
185_10:38:00	1	DFMS	Mode	222	0	10	29100	185_18:43:00
185_18:43:00	0	DFMS	Mode	222	0	0	2580	185_19:26:00
185_19:26:00	0	DFMS	Flight sequence	ARNS081B	0	0	10	185_19:26:10
185_19:26:10	0	DFMS	Mode	1	0	0	120	185_19:28:10
MWNV	04/07/2015 19:31	04/07/2015 20:41						
185_20:41:00	1	DFMS	Sequence	28	0	1	7000	185_22:37:40
185_22:37:40	0	DFMS	Mode	630	0	0	4600	185_23:54:20
185_23:54:20	0	DFMS	Sequence	28	0	0	3260	186_00:48:40
186_00:48:40	0	DFMS	Mode	600	0	0	4600	186_02:05:20
186_02:05:20	0	DFMS	Mode	520	0	4	905	186_02:20:25
186_02:20:25	0	DFMS	Mode	620	0	0	4600	186_03:37:05
186_03:37:05	0	DFMS	Mode	520	0	4	905	186_03:52:10
186_03:52:10	0	DFMS	Mode	630	0	0	4600	186_05:08:50
186_05:08:50	0	DFMS	Mode	520	0	7	1376	186_05:31:46
186_05:31:46	0	DFMS	Flight sequence	ARNS081B	0	0	10	186_05:31:56
186_05:31:56	0	DFMS	Mode	1	0	0	120	186_05:33:56

MWNV	05/07/2015 05:34	05/07/2015 06:44							
186_06:44:00	1	DFMS	Mode	245	0	20	25800	186_13:54:00	
186_13:54:00	0	DFMS	Mode	215	0	6	6048	186_15:34:48	
186_15:34:48	0	DFMS	Flight sequence	ARNS081B	0	0	10	186_15:34:58	
186_15:34:58	0	DFMS	Mode	1	0	0	120	186_15:36:58	
MWNV	05/07/2015 15:37	05/07/2015 16:47							
186_21:59:24	0	DFMS	Mode	245	0	9	12000	187_01:19:24	
187_01:19:24	0	DFMS	Flight sequence	ARNS081B	0	0	10	187_01:19:34	
187_01:19:34	0	DFMS	Mode	1	0	0	120	187_01:21:34	
MWNV	06/07/2015 01:40	06/07/2015 02:50							
187_02:50:00	1	DFMS	Mode	245	0	20	25800	187_10:00:00	
187_10:00:00	0	DFMS	Mode	245	0	4	6000	187_11:40:00	
187_11:40:00	0	DFMS	Flight sequence	ARNS081B	0	0	10	187_11:40:10	
187_11:40:10	0	DFMS	Mode	1	0	0	120	187_11:42:10	
MWNV	06/07/2015 11:43	06/07/2015 12:53							
187_12:53:00	1	DFMS	Mode	222	0	11	31680	187_21:41:00	
187_21:41:00	0	DFMS	Flight sequence	ARNS081B	0	0	10	187_21:41:10	
187_21:41:10	0	DFMS	Mode	1	0	0	120	187_21:43:10	
MWNV	06/07/2015 21:47	06/07/2015 22:57							
187_22:57:00	1	DFMS	Mode	222	0	10	29100	188_07:02:00	
188_07:02:00	0	DFMS	Flight sequence	ARNS081B	0	0	10	188_07:02:10	
188_07:02:10	0	DFMS	Mode	1	0	0	120	188_07:04:10	
MWNV	07/07/2015 07:50	07/07/2015 09:00							
188_09:00:00	1	DFMS	Mode	215	0	20	18744	188_14:12:24	
188_14:12:24	0	DFMS	Mode	215	0	12	11232	188_17:19:36	
188_17:19:36	0	DFMS	Flight sequence	ARNS081B	0	0	10	188_17:19:46	
188_17:19:46	0	DFMS	Mode	1	0	0	120	188_17:21:46	
188_17:21:46	0	DFMS	Flight sequence	ARNF100B	0	0	20	188_17:22:06	
188_17:22:06	0	DFMS	Flight sequence	ARNF014B	0	0	125	188_17:24:11	
MWNV	07/07/2015 17:53	07/07/2015 19:03							
188_23:15:00	1	COPS	Flight sequence	ARNF016B	0	0	60	188_23:16:00	

188_23:16:00 0 COPS Flight sequence ARNF011A 0 0 210 188_23:19:30
MOCM 07/07/2015 23:25 08/07/2015 03:55

STP Start time: 01/07/2015 04:00
STP End time: 07/07/2015 23:25

STP064

Start time	Set Time	Instrument	Mode/Sequence	Mode/Seq number	Cycle number	Repetition	Duration [s]	Stop time		
MOCM - 07.07.2015 23:25:00 - 08.07.2015 03:55										
189_03:55:00	1	COPS	Flight sequence	ARNF015A	0	0	120	189_03:57:00		
189_03:57:00	0	COPS	Mode	322	1	0	60	189_03:58:00		
189_03:58:00	0	DFMS	Flight sequence	ARNF003A	0	0	120	189_04:00:00		
189_04:00:00	0	DFMS	Flight sequence	ARNF100A	0	0	20	189_04:00:20		
189_04:00:20	0	DFMS	Mode	215	0	3	4326	189_05:12:26		
189_04:38:00	1	COPS	Flight sequence	ARNF016A	0	0	60	189_04:39:00		
189_04:40:00	0	RTOF	Flight sequence	ARNF022B	0	0	60	189_04:41:00		RTOF Mode 521 & M181 : switch to filament 2 (PERMANENT)
189_04:58:00	1	RTOF	Flight sequence	ARNF004A	0	0	120	189_05:00:00		
189_05:00:00	0	RTOF	Flight sequence	ARNS041A_RTOF	1	0	60	189_05:01:00		
189_05:01:00	0	RTOF	Mode	51	5	0	3660	189_06:02:00		
189_05:13:26	0	DFMS	Mode	245	0	7	9600	189_07:53:26		
189_06:02:00	0	RTOF	Mode	521	15	0	4280	189_07:13:20		
189_07:13:20	0	RTOF	Mode	181	2	0	740	189_07:25:40		
189_07:25:40	0	RTOF	Mode	1	0	0	240	189_07:29:40		
189_07:50:00	1	RTOF	Flight sequence	ARNF014A	0	0	120	189_07:52:00		
189_07:53:26	0	DFMS	Mode	217	0	0	3732	189_08:55:38		
189_09:32:00	1	DFMS	Flight sequence	ARNS081B	0	0	10	189_09:32:10		
189_09:32:10	0	DFMS	Mode	1	0	0	120	189_09:34:10		
WOL - 08.07.2015 09:37 - 08.07.2015 10:47										

COPS
Science ON

RTOF on with
Filament 2

189_10:47:00	1	DFMS	Mode	222	0	7	21360	189_16:43:00
189_16:43:00	0	DFMS	Mode	245	0	4	6120	189_18:25:00
189_18:25:00	0	DFMS	Mode	217	0	0	3732	189_19:27:12
189_19:47:15	1	DFMS	Flight sequence	ARNS081B	0	0	10	189_19:47:25
189_19:47:25	0	DFMS	Mode	1	0	0	120	189_19:49:25

WOL - 08.07.2015 19:50 - 08.07.2015 21:00

Pixel Shift - shift paramter = -10

189_21:00:00	1	DFMS	Mode	502	0	20	27600	190_04:40:00
190_04:40:00	0	DFMS	Mode	502	0	2	3840	190_05:44:00
190_05:55:00	1	DFMS	Flight sequence	ARNS081B	0	0	10	190_05:55:10
190_05:55:10	0	DFMS	Mode	1	0	0	120	190_05:57:10

WOL - 09.07.2015 06:03 - 09.07.2015 07:13

Pixel Shift - shift paramter = 0

190_07:13:00	1	COPS	Mode	322	1	0	60	190_07:14:00
190_07:14:00	1	DFMS	Mode	222	0	9	26520	190_14:36:00
190_14:36:00	0	DFMS	Mode	262	0	0	2880	190_15:24:00
190_15:24:00	0	DFMS	Mode	220	0	0	1194	190_15:43:54
190_15:43:54	0	DFMS	Mode	260	0	0	864	190_15:58:18
190_16:11:00	1	DFMS	Flight sequence	ARNS081B	0	0	10	190_16:11:10
190_16:11:10	0	DFMS	Mode	1	0	0	120	190_16:13:10

WOL - 09.07.2015 16:16 - 09.07.2015 17:26

190_17:26:00	1	DFMS	Mode	222	0	9	26520	191_00:48:00
191_00:48:00	0	DFMS	Mode	262	0	0	2880	191_01:36:00
191_01:36:00	0	DFMS	Mode	220	0	0	1194	191_01:55:54
191_01:55:54	0	DFMS	Mode	260	0	1	1728	191_02:24:42
191_02:24:45	1	DFMS	Flight sequence	ARNS081B	0	0	10	191_02:24:55
191_02:24:55	0	DFMS	Mode	1	0	0	120	191_02:26:55

WOL - 10.07.2015 02:29 - 10.07.2015 03:39

Pixel Shift - shift paramter = -19

191_03:39:00	1	COPS	Mode	322	1	0	60	191_03:40:00
191_03:40:00	1	DFMS	Mode	502	0	20	27600	191_11:20:00
191_11:20:00	0	DFMS	Mode	502	0	2	3840	191_12:24:00
191_12:37:00	1	DFMS	Flight sequence	ARNS081B	0	0	10	191_12:37:10
191_12:37:10	0	DFMS	Mode	1	0	0	120	191_12:39:10

WOL - 10.07.2015 12:42 - 10.07.2015 13:52

Pixel Shift - shift paramter = 0								
191_13:52:00	1	DFMS	Mode	222	0	7	21360	191_19:48:00
191_19:48:00	0	DFMS	Mode	245	0	5	7320	191_21:50:00
191_21:50:00	0	DFMS	Mode	217	0	0	3732	191_22:52:12
191_23:10:00	1	DFMS	Flight sequence	ARNS081B	0	0	10	191_23:10:10
191_23:10:10	0	DFMS	Mode	1	0	0	120	191_23:12:10
191_23:12:10	0	DFMS	Flight sequence	ARNF100B	0	0	20	191_23:12:30
191_23:12:30	0	DFMS	Flight sequence	ARNF014B	0	0	125	191_23:14:35
191_23:14:35	0	COPS	Flight sequence	ARNF016B	0	0	60	191_23:15:35
191_23:15:35	0	COPS	Flight sequence	ARNF011A	0	0	210	191_23:19:05
MOCM - 10.07.2015 23:25:00 - 11.07.2015 05:55								
192_05:55:00	1	COPS	Flight sequence	ARNF015A	0	0	120	192_05:57:00
192_05:57:00	0	COPS	Mode	322	1	0	60	192_05:58:00
192_05:58:00	0	DFMS	Flight sequence	ARNF003A	0	0	120	192_06:00:00
192_06:00:00	0	DFMS	Flight sequence	ARNF100A	0	0	20	192_06:00:20
192_06:00:20	0	DFMS	Mode	222	0	1	5880	192_07:38:20
192_06:38:00	1	COPS	Flight sequence	ARNF016A	0	0	60	192_06:39:00
192_07:38:20	0	DFMS	Mode	245	0	1	2520	192_08:20:20
192_08:20:20	0	DFMS	Mode	217	0	0	3732	192_09:22:32
192_09:24:00	1	DFMS	Flight sequence	ARNS081B	0	0	10	192_09:24:10
192_09:24:10	0	DFMS	Mode	1	0	0	120	192_09:26:10
WOL - 11.07.2015 09:28 - 11.07.2015 10:38								
192_10:38:00	1	DFMS	Mode	222	0	9	26520	192_18:00:00
192_18:00:00	0	DFMS	Mode	262	0	0	2880	192_18:48:00
192_18:48:00	0	DFMS	Mode	220	0	0	1194	192_19:07:54
192_19:07:54	0	DFMS	Mode	260	0	0	864	192_19:22:18
192_19:26:00	1	DFMS	Flight sequence	ARNS081B	0	0	10	192_19:26:10
192_19:26:10	0	DFMS	Mode	1	0	0	120	192_19:28:10
WOL - 11.07.2015 19:31 - 11.07.2015 20:41								
192_20:41:00	1	COPS	Mode	322	1	0	60	192_20:42:00
192_20:42:00	1	DFMS	Mode	222	0	9	26520	193_04:04:00
193_04:04:00	0	DFMS	Mode	262	0	0	2880	193_04:52:00
193_04:52:00	0	DFMS	Mode	220	0	0	1194	193_05:11:54
193_05:11:54	0	DFMS	Mode	260	0	0	864	193_05:26:18
193_05:29:00	1	DFMS	Flight sequence	ARNS081B	0	0	10	193_05:29:10

COPS
Science ON

193_05:29:10	0	DFMS	Mode	1	0	0	120	193_05:31:10
WOL - 12.07.2015 05:34 - 12.07.2015 06:44								
193_06:44:00	1	DFMS	Mode	502	0	2	4560	193_08:00:00
193_08:00:00	0	DFMS	Sequence	64	0	6	15540	193_12:19:00
193_12:19:00	0	DFMS	Sequence	59	0	6	8680	193_14:43:40
193_14:43:40	0	DFMS	Mode	502	0	1	2560	193_15:26:20
193_15:32:00	1	DFMS	Flight sequence	ARNS081B	0	0	10	193_15:32:10
193_15:32:10	0	DFMS	Mode	1	0	0	120	193_15:34:10
WOL - 12.07.2015 15:37 - 12.07.2015 16:47								
193_16:47:00	1	COPS	Mode	322	1	0	60	193_16:48:00
193_16:48:00	1	DFMS	Mode	222	0	9	26520	194_00:10:00
194_00:10:00	0	DFMS	Mode	262	0	0	2880	194_00:58:00
194_00:58:00	0	DFMS	Mode	220	0	0	1194	194_01:17:54
194_01:17:54	0	DFMS	Mode	260	0	0	864	194_01:32:18
194_01:35:00	1	DFMS	Flight sequence	ARNS081B	0	0	10	194_01:35:10
194_01:35:10	0	DFMS	Mode	1	0	0	120	194_01:37:10
WOL - 13.07.2015 01:40 - 13.07.2015 02:50								
194_02:50:00	1	DFMS	Mode	222	0	2	8460	194_05:11:00
194_05:11:00	0	DFMS	Mode	532	0	2	15636	194_09:31:36
194_09:31:36	0	DFMS	Mode	222	0	2	7740	194_11:40:36
194_11:40:45	1	DFMS	Flight sequence	ARNS081B	0	0	10	194_11:40:55
194_11:40:55	0	DFMS	Mode	1	0	0	120	194_11:42:55
WOL - 13.07.2015 11:43 - 13.07.2015 12:53								
194_12:53:00	1	COPS	Mode	322	1	0	60	194_12:54:00
194_12:54:00	1	DFMS	Mode	222	0	9	26520	194_20:16:00
194_20:16:00	0	DFMS	Mode	262	0	0	2880	194_21:04:00
194_21:04:00	0	DFMS	Mode	220	0	0	1194	194_21:23:54
194_21:23:54	0	DFMS	Mode	260	0	0	864	194_21:38:18
194_21:42:00	1	DFMS	Flight sequence	ARNS081B	0	0	10	194_21:42:10
194_21:42:10	0	DFMS	Mode	1	0	0	120	194_21:44:10
WOL - 13.07.2015 21:47 - 13.07.2015 22:57								
194_22:57:00	1	DFMS	Mode	222	0	7	21360	195_04:53:00
195_04:53:00	0	DFMS	Mode	245	0	4	6120	195_06:35:00
195_06:35:00	0	DFMS	Mode	217	0	0	3732	195_07:37:12
195_07:45:00	1	DFMS	Flight sequence	ARNS081B	0	0	10	195_07:45:10

195_07:45:10	0	DFMS	Mode	1	0	0	120	195_07:47:10
WOL - 14.07.2015 07:50 - 14.07.2015 09:00								
195_09:00:00	1	DFMS	Mode	222	0	7	21360	195_14:56:00
195_09:01:00	1	COPS	Mode	322	1	0	60	195_09:02:00
195_14:56:00	0	DFMS	Mode	245	0	4	6120	195_16:38:00
195_16:38:00	0	DFMS	Mode	217	0	0	3732	195_17:40:12
195_17:48:00	1	DFMS	Flight sequence	ARNS081B	0	0	10	195_17:48:10
195_17:48:10	0	DFMS	Mode	1	0	0	120	195_17:50:10
WOL - 14.07.2015 17:53 - 14.07.2015 19:03								
195_19:03:00	1	DFMS	Mode	222	0	0	3300	195_19:58:00
195_19:58:00	0	DFMS	Mode	245	0	5	7320	195_22:00:00
195_22:00:00	0	DFMS	Mode	217	0	0	3732	195_23:02:12
195_23:10:00	1	DFMS	Flight sequence	ARNS081B	0	0	10	195_23:10:10
195_23:10:10	0	DFMS	Mode	1	0	0	120	195_23:12:10
195_23:12:10	0	DFMS	Flight sequence	ARNF100B	0	0	20	195_23:12:30
195_23:12:30	0	DFMS	Flight sequence	ARNF014B	0	0	125	195_23:14:35
195_23:14:35	0	COPS	Flight sequence	ARNF016B	0	0	60	195_23:15:35
195_23:15:35	0	COPS	Flight sequence	ARNF011A	0	0	210	195_23:19:05
MOCM - 14.07.2015 23:25:00 - 15.07.2015 03:55								

STP Start time: 07/07/2015 23:25:00

STP End time: 14/07/2015 23:25:00

STP065

Start time	Set Time	Instrument	Mode/Sequence	Mode/Seq number	Cycle number	Repetition	Duration [s]	Stop time
MOCM 14/07/2015 23:25:00 - 15/07/2015 03:55:00								
196_03:55:00	1	COPS	Flight sequence	ARNF015A	0	0	120	196_03:57:00
196_03:57:00	0	COPS	Mode	322	1	0	60	196_03:58:00
196_03:58:00	0	DFMS	Flight sequence	ARNF003A	0	0	120	196_04:00:00
196_04:00:00	0	DFMS	Flight sequence	ARNF100A	0	0	20	196_04:00:20
196_04:00:20	0	DFMS	Mode	215	0	3	4326	196_05:12:26

196_04:37:00	1	COPS	Flight sequence	ARNF016A	0	0	60	196_04:39:00
196_04:40:00	1	RTOF	Flight sequence	ARNF022B	0	0	60	196_04:41:00
196_04:58:00	1	RTOF	Flight sequence	ARNF004A	0	0	120	196_05:00:00
196_05:00:00	0	RTOF	Flight sequence	ARNS041A_RTOF	1	0	60	196_05:01:00
196_05:01:00	0	RTOF	Mode	51	5	0	3660	196_06:02:00
196_05:12:26	0	DFMS	Mode	245	0	7	9600	196_07:52:26
196_06:02:00	0	RTOF	Mode	521	15	0	4280	196_07:13:20
196_07:13:20	0	RTOF	Mode	181	2	0	740	196_07:25:40
196_07:25:40	0	RTOF	Mode	1	0	0	240	196_07:29:40
196_07:50:00	1	RTOF	Flight sequence	ARNF014A	0	0	120	196_07:52:00
196_07:52:26	0	DFMS	Mode	215	0	5	5184	196_09:18:50
196_09:32:00	1	DFMS	Flight sequence	ARNS081B	0	0	10	196_09:32:10
196_09:32:10	0	DFMS	Mode	1	0	0	120	196_09:34:10
MWNV 15/07/2015 09:37:51 - 15/07/2015 10:47:51								
196_09:47:51	1	DFMS	Mode	51	0	0	3600	196_10:47:51
196_10:47:51	0	DFMS	Mode	222	0	7	20760	196_16:33:51
196_16:33:51	0	DFMS	Mode	245	0	4	6120	196_18:15:51
196_18:15:51	0	DFMS	Mode	215	0	5	5184	196_19:42:15
196_19:45:00	1	DFMS	Flight sequence	ARNS081B	0	0	10	196_19:45:10
196_19:45:10	0	DFMS	Mode	1	0	0	120	196_19:47:10
MWNV 15/07/2015 19:50:43 - 15/07/2015 21:00:43								
196_20:00:43	1	DFMS	Mode	51	0	0	3600	196_21:00:43
196_21:00:43	0	DFMS	Mode	222	0	7	20760	197_02:46:43
197_02:46:43	0	DFMS	Mode	245	0	4	6120	197_04:28:43
197_04:28:43	0	DFMS	Mode	215	0	5	5184	197_05:55:07
197_05:58:00	1	DFMS	Flight sequence	ARNS081B	0	0	10	197_05:58:10
197_05:58:10	0	DFMS	Mode	1	0	0	120	197_06:00:10
MWNV 16/07/2015 06:03:34 - 16/07/2015 07:13:34								
197_07:13:34	1	COPS	Mode	322	1	0	60	197_07:14:34

RTOF Mode
521 & M181:
switch to
filament 2
(PERMANENT)

RTOF on with
Filament 2
(really)

COPS
Science
ON

Closest
approach 1
(IONS)

197_07:14:34	1	DFMS	Mode	222	0	9	26520	197_14:36:34
197_14:36:34	0	DFMS	Mode	262	0	0	2880	197_15:24:34
197_15:24:34	0	DFMS	Mode	220	0	0	1194	197_15:44:28
197_15:44:28	0	DFMS	Mode	260	0	0	864	197_15:58:52
197_16:11:00	1	DFMS	Flight sequence	ARNS081B	0	0	10	197_16:11:10
197_16:11:10	0	DFMS	Mode	1	0	0	120	197_16:13:10

MWNV 16/07/2015 16:16:26 - 16/07/2015 17:26:26

197_17:26:26	1	DFMS	Mode	222	0	9	26520	198_00:48:26
198_00:48:26	0	DFMS	Mode	262	0	0	2880	198_01:36:26
198_01:36:26	0	DFMS	Mode	220	0	0	1194	198_01:56:20
198_01:56:20	0	DFMS	Mode	260	0	1	1728	198_02:25:08
198_02:26:00	1	DFMS	Flight sequence	ARNS081B	0	0	10	198_02:26:10
198_02:26:10	0	DFMS	Mode	1	0	0	120	198_02:28:10

MWNV 17/07/2015 02:29:17 - 17/07/2015 03:39:17

198_03:39:17	1	COPS	Mode	322	1	0	60	198_03:40:17
198_03:40:17	1	DFMS	Mode	222	0	7	21360	198_09:36:17
198_09:36:17	0	DFMS	Mode	245	0	4	6120	198_11:18:17
198_11:18:17	0	DFMS	Mode	215	0	4	4320	198_12:30:17
198_12:37:00	1	DFMS	Flight sequence	ARNS081B	0	0	10	198_12:37:10
198_12:37:10	0	DFMS	Mode	1	0	0	120	198_12:39:10

MWNV 17/07/2015 12:42:09 - 17/07/2015 13:52:09

198_13:52:09	1	DFMS	Mode	222	0	7	21360	198_19:48:09
198_19:48:09	0	DFMS	Mode	245	0	5	7320	198_21:50:09
198_21:50:09	0	DFMS	Mode	215	0	4	4320	198_23:02:09
198_23:10:00	1	DFMS	Flight sequence	ARNS081B	0	0	10	198_23:10:10
198_23:10:10	0	DFMS	Mode	1	0	0	120	198_23:12:10
198_23:12:10	0	DFMS	Flight sequence	ARNF100B	0	0	20	198_23:12:30
198_23:12:30	0	DFMS	Flight sequence	ARNF014B	0	0	125	198_23:14:35
198_23:14:35	0	COPS	Flight sequence	ARNF016B	0	0	60	198_23:15:35
198_23:15:35	0	COPS	Flight sequence	ARNF011A	0	0	210	198_23:19:05

MOCM 17/07/2015 23:25:00 - 18/07/2015 05:55:00

199_05:55:00	1	COPS	Flight sequence	ARNF015A	0	0	120	199_05:57:00
199_05:57:00	0	COPS	Mode	322	1	0	60	199_05:58:00
199_05:58:00	0	DFMS	Flight sequence	ARNF003A	0	0	120	199_06:00:00
199_06:00:00	0	DFMS	Flight sequence	ARNF100A	0	0	20	199_06:00:20

199_06:00:20	0	DFMS	Mode	51	4	0	18000	199_11:00:20
199_06:37:00	1	COPS	Flight sequence	ARNF016A	0	0	60	199_06:39:00
MWNV 18/07/2015 09:28:09 - 18/07/2015 10:38:09								
199_11:00:20	0	DFMS	Mode	222	0	9	25920	199_18:12:20
199_18:12:20	0	DFMS	Mode	262	0	0	2880	199_19:00:20
199_19:00:20	0	DFMS	Mode	260	0	0	864	199_19:14:44
199_19:26:00	1	DFMS	Flight sequence	ARNS081B	0	0	10	199_19:26:10
199_19:26:10	0	DFMS	Mode	1	0	0	120	199_19:28:10
MWNV 18/07/2015 19:31:19 - 18/07/2015 20:41:19								
199_20:41:19	1	COPS	Mode	322	1	0	60	199_20:42:19
199_20:42:19	1	DFMS	Mode	222	0	9	26520	200_04:04:19
200_04:04:19	0	DFMS	Mode	262	0	0	2880	200_04:52:19
200_04:52:19	0	DFMS	Mode	220	0	0	1194	200_05:12:13
200_05:12:13	0	DFMS	Mode	260	0	0	864	200_05:26:37
200_05:29:00	1	DFMS	Flight sequence	ARNS081B	0	0	10	200_05:29:10
200_05:29:10	0	DFMS	Mode	1	0	0	120	200_05:31:10
MWNV 19/07/2015 05:34:28 - 19/07/2015 06:44:28								
200_06:44:28	1	DFMS	Mode	502	0	2	4560	200_08:00:28
200_08:00:28	0	DFMS	Sequence	64	0	6	15540	200_12:19:28
200_12:19:28	0	DFMS	Sequence	59	0	6	8680	200_14:44:08
200_14:44:08	0	DFMS	Mode	502	0	1	2560	200_15:26:48
200_15:32:00	1	DFMS	Flight sequence	ARNS081B	0	0	10	200_15:32:10
200_15:32:10	0	DFMS	Mode	1	0	0	120	200_15:34:10
MWNV 19/07/2015 15:37:38 - 19/07/2015 16:47:38								
200_16:47:38	1	COPS	Mode	322	1	0	60	200_16:48:38
200_16:48:38	1	DFMS	Mode	222	0	9	26520	201_00:10:38
201_00:10:38	0	DFMS	Mode	262	0	0	2880	201_00:58:38
201_00:58:38	0	DFMS	Mode	220	0	0	1194	201_01:18:32
201_01:18:32	0	DFMS	Mode	260	0	0	864	201_01:32:56
201_01:35:00	1	DFMS	Flight sequence	ARNS081B	0	0	10	201_01:35:10
201_01:35:10	0	DFMS	Mode	1	0	0	120	201_01:37:10
MWNV 20/07/2015 01:40:47 - 20/07/2015 02:50:47								
201_02:50:47	1	DFMS	Mode	222	0	2	8460	201_05:11:47
201_05:11:47	0	DFMS	Mode	532	0	2	15636	201_09:32:23
201_09:32:23	0	DFMS	Mode	222	0	2	7740	201_11:41:23

COPS
Science
ON

201_11:41:47	1	DFMS	Flight sequence	ARNS081B	0	0	10	201_11:41:57
201_11:41:57	0	DFMS	Mode	1	0	0	120	201_11:43:57
MWNV 20/07/2015 11:43:57 - 20/07/2015 12:53:57								
201_12:53:57	1	COPS	Mode	322	1	0	60	201_12:54:57
201_12:54:57	1	DFMS	Mode	222	0	9	26520	201_20:16:57
201_20:16:57	0	DFMS	Mode	262	0	0	2880	201_21:04:57
201_21:04:57	0	DFMS	Mode	220	0	0	1194	201_21:24:51
201_21:24:51	0	DFMS	Mode	260	0	0	864	201_21:39:15
201_21:42:00	1	DFMS	Flight sequence	ARNS081B	0	0	10	201_21:42:10
201_21:42:10	0	DFMS	Mode	1	0	0	120	201_21:44:10
MWNV 20/07/2015 21:47:06 - 20/07/2015 22:57:06								
201_22:57:06	1	DFMS	Mode	222	0	11	31680	202_07:45:06
202_07:48:06	1	DFMS	Flight sequence	ARNS081B	0	0	10	202_07:48:16
202_07:48:16	0	DFMS	Mode	1	0	0	120	202_07:50:16
MWNV 21/07/2015 07:50:16 - 21/07/2015 09:00:16								
202_09:00:16	1	COPS	Mode	322	1	0	60	202_09:01:16
202_09:01:16	1	DFMS	Mode	222	0	7	21360	202_14:57:16
202_14:57:16	0	DFMS	Mode	245	0	4	6120	202_16:39:16
202_16:39:16	0	DFMS	Mode	215	0	3	3456	202_17:36:52
202_17:48:00	1	DFMS	Flight sequence	ARNS081B	0	0	10	202_17:48:10
202_17:48:10	0	DFMS	Mode	1	0	0	120	202_17:50:10
MWNV 21/07/2015 17:53:25 - 21/07/2015 19:03:25								
202_19:03:25	1	DFMS	Mode	222	0	0	3300	202_19:58:25
202_19:58:25	0	DFMS	Mode	245	0	5	7320	202_22:00:25
202_22:00:25	0	DFMS	Mode	215	0	3	3456	202_22:58:01
202_23:10:00	1	DFMS	Flight sequence	ARNS081B	0	0	10	202_23:10:10
202_23:10:10	0	DFMS	Mode	1	0	0	120	202_23:12:10
202_23:12:10	0	DFMS	Flight sequence	ARNF100B	0	0	20	202_23:12:30
202_23:12:30	0	DFMS	Flight sequence	ARNF014B	0	0	125	202_23:14:35
202_23:14:35	0	COPS	Flight sequence	ARNF016B	0	0	60	202_23:15:35
202_23:15:35	0	COPS	Flight sequence	ARNF011A	0	0	210	202_23:19:05
MOCM 21/07/2015 23:25:00 - 22/07/2015 03:55:00								

Closest
approach 2
(NEUTRALS)

STP Start time: 14/07/2015 23:25:00

STP End time: 21/07/2015 23:25:00

STP066

Start time	Set Time	Instrument	Mode/Sequence	Mode/Se number	Cycle number	Repetition	Duration [s]	Stop time	
MOCM 21/07/2015 23:25:00 - 22/07/2015 03:55:00									
203_03:55:00	1	COPS	Flight sequence	ARNF015A	0	0	120	203_03:57:00	
203_03:57:00	0	COPS	Mode	322	1	0	60	203_03:58:00	
203_03:58:00	0	DFMS	Flight sequence	ARNF003A	0	0	120	203_04:00:00	
203_04:00:00	0	DFMS	Flight sequence	ARNF100A	0	0	20	203_04:00:20	Non operational heaters off
203_04:00:20	0	DFMS	Mode	215	0	3	4326	203_05:12:26	
203_04:37:00	1	COPS	Flight sequence	ARNF016A	0	0	60	203_04:38:00	
203_05:12:26	0	DFMS	Mode	245	0	7	9600	203_07:52:26	
203_07:52:26	0	DFMS	Mode	215	0	6	6048	203_09:33:14	
203_09:33:30	1	DFMS	Flight sequence	ARNS081B	0	0	10	203_09:33:40	
203_09:33:40	0	DFMS	Mode	1	0	0	120	203_09:35:40	
MWNV 22.07.2015 09:37:51 - 22.07.2015 10:47:51									
203_10:47:00	1	DFMS	Mode	245	0	7	10200	203_13:37:00	
203_13:37:00	0	DFMS	Mode	215	0	11	10368	203_16:29:48	
203_16:29:48	0	DFMS	Mode	245	0	6	8400	203_18:49:48	
203_18:49:48	0	DFMS	Mode	215	0	3	3456	203_19:47:24	
203_19:47:30	1	DFMS	Flight sequence	ARNS081B	0	0	10	203_19:47:40	
203_19:47:40	0	DFMS	Mode	1	0	0	120	203_19:49:40	
MWNV 22.07.2015 19:50:43 - 22.07.2015 21:00:43									
203_21:00:43	1	COPS	Mode	322	1	0	60	203_21:01:43	
203_21:02:00	1	DFMS	Mode	222	0	9	26520	204_04:24:00	
204_04:24:00	0	DFMS	Mode	262	0	0	2880	204_05:12:00	
204_05:12:00	0	DFMS	Mode	220	0	0	1194	204_05:31:54	
204_05:31:54	0	DFMS	Mode	260	0	0	864	204_05:46:18	
204_05:58:00	1	DFMS	Flight sequence	ARNS081B	0	0	10	204_05:58:10	
204_05:58:10	0	DFMS	Mode	1	0	0	120	204_06:00:10	
MWNV 23.07.2015 06:03:34 - 23.07.2015 07:13:34									

COPS science ON

204_07:13:34	1	DFMS	Mode	245	0	7	10200	204_10:03:34
204_10:03:34	0	DFMS	Mode	215	0	6	6048	204_11:44:22
204_11:44:22	0	DFMS	Mode	245	0	6	8400	204_14:04:22
204_14:04:22	0	DFMS	Mode	215	0	7	6912	204_15:59:34
204_16:11:26	1	DFMS	Flight sequence	ARNS081B	0	0	10	204_16:11:36
204_16:11:36	0	DFMS	Mode	1	0	0	120	204_16:13:36
MWNV 23.07.2015 16:16:26 - 23.07.2015 17:26:26								
204_17:26:26	1	COPS	Mode	322	1	0	60	204_17:27:26
204_17:28:00	1	DFMS	Mode	245	0	6	9000	204_19:58:00
204_19:58:00	0	DFMS	Mode	215	0	7	6912	204_21:53:12
204_21:53:12	0	DFMS	Mode	245	0	7	9600	205_00:33:12
205_00:33:12	0	DFMS	Mode	215	0	6	6048	205_02:14:00
205_02:22:00	1	DFMS	Flight sequence	ARNS081B	0	0	10	205_02:22:10
205_02:22:10	0	DFMS	Mode	1	0	0	120	205_02:24:10
MWNV 24.07.2015 02:29:17 - 24.07.2015 03:39:17								
205_03:39:17	1	DFMS	Mode	222	0	9	26520	205_11:01:17
205_11:01:17	0	DFMS	Mode	262	0	0	2880	205_11:49:17
205_11:49:17	0	DFMS	Mode	220	0	0	1194	205_12:09:11
205_12:09:11	0	DFMS	Mode	260	0	1	1728	205_12:37:59
205_12:38:00	1	DFMS	Flight sequence	ARNS081B	0	0	10	205_12:38:10
205_12:38:10	0	DFMS	Mode	1	0	0	120	205_12:40:10
MWNV 24.07.2015 12:42:09 - 24.07.2015 13:52:09								
205_13:52:09	1	DFMS	Mode	222	0	3	11040	205_16:56:09
205_16:56:09	0	DFMS	Mode	562	0	0	1900	205_17:27:49
205_17:27:49	0	DFMS	Mode	564	0	0	1900	205_17:59:29
205_17:59:29	0	DFMS	Mode	522	0	20	3108	205_18:51:17
205_18:51:17	0	DFMS	Mode	522	0	11	1776	205_19:20:53
205_19:20:53	0	DFMS	Mode	562	0	0	1900	205_19:52:33
205_19:52:33	0	DFMS	Mode	564	0	0	1900	205_20:24:13
205_20:24:13	0	DFMS	Mode	502	0	0	1280	205_20:45:33
205_20:45:33	0	DFMS	Mode	562	0	0	1900	205_21:17:13
205_21:17:13	0	DFMS	Mode	564	0	0	1900	205_21:48:53
205_21:48:53	0	DFMS	Mode	564	0	0	1900	205_22:20:33
205_22:20:33	0	DFMS	Mode	522	0	19	2960	205_23:09:53
205_23:10:00	1	DFMS	Flight sequence	ARNS081B	0	0	10	205_23:10:10

Slew +Z
18°/
Measure
during this
periode
mainly m44 -
150/ Before
and after
M522 to get
an idea how
main species
change
during slew.

205_23:10:10	0	DFMS	Mode	1	0	0	120	205_23:12:10	Non operational heaters on	
205_23:12:10	0	DFMS	Flight sequence	ARNF100B	0	0	20	205_23:12:30		
205_23:12:30	0	DFMS	Flight sequence	ARNF014B	0	0	125	205_23:14:35		
205_23:14:35	0	COPS	Flight sequence	ARNF016B	0	0	60	205_23:15:35		
205_23:15:35	0	COPS	Flight sequence	ARNF011A	0	0	210	205_23:19:05		
MOCM 24.07.2015 23:25:00 - 25.07.2015 05:55:00										
206_05:55:00	1	COPS	Flight sequence	ARNF015A	0	0	120	206_05:57:00	COPS science ON	
206_05:57:00	0	COPS	Mode	322	1	0	60	206_05:58:00		
206_05:58:00	0	DFMS	Flight sequence	ARNF003A	0	0	120	206_06:00:00		
206_06:00:00	0	DFMS	Flight sequence	ARNF100A	0	0	20	206_06:00:20		
206_06:00:20	0	DFMS	Mode	215	0	3	4056	206_07:07:56		
206_06:30:00	1	COPS	Flight sequence	ARNF016A	0	0	60	206_06:31:00		
206_07:07:56	0	DFMS	Mode	245	0	2	3600	206_08:07:56		
206_08:07:56	0	DFMS	Mode	215	0	4	4320	206_09:19:56		
206_09:23:00	1	DFMS	Flight sequence	ARNS081B	0	0	10	206_09:23:10		
206_09:23:10	0	DFMS	Mode	1	0	0	120	206_09:25:10		
MWNV 25.07.2015 09:28:09 - 25.07.2015 10:38:09										
206_10:38:09	1	DFMS	Mode	222	0	9	26520	206_18:00:09		
206_18:00:09	0	DFMS	Mode	262	0	0	2880	206_18:48:09		
206_18:48:09	0	DFMS	Mode	220	0	0	1194	206_19:08:03		
206_19:08:03	0	DFMS	Mode	260	0	0	864	206_19:22:27		
206_19:26:00	1	DFMS	Flight sequence	ARNS081B	0	0	10	206_19:26:10		
206_19:26:10	0	DFMS	Mode	1	0	0	120	206_19:28:10		
MWNV 25.07.2015 19:31:19 - 25.07.2015 20:41:19										
206_20:41:19	1	DFMS	Mode	222	0	11	31680	207_05:29:19		
207_05:29:19	0	DFMS	Flight sequence	ARNS081B	0	0	10	207_05:29:29		
207_05:29:29	0	DFMS	Mode	1	0	0	120	207_05:31:29		
MWNV 26.07.2015 05:34:28 - 26.07.2015 06:44:28										
207_06:44:28	1	COPS	Mode	322	1	0	60	207_06:45:28	M222 & M322/3	
207_06:46:00	1	DFMS	Mode	222	0	0	3300	207_07:41:00		
207_07:41:00	0	DFMS	Mode	322	0	1	17400	207_12:31:00		
207_12:31:00	0	DFMS	Mode	222	0	3	10320	207_15:23:00		

207_15:32:00	1	DFMS	Flight sequence	ARNS081B	0	0	10	207_15:32:10
207_15:32:10	0	DFMS	Mode	1	0	0	120	207_15:34:10
MWNV 26.07.2015 15:37:38 - 26.07.2015 16:47:38								
207_16:47:38	1	DFMS	Mode	222	0	11	31680	208_01:35:38
208_01:35:38	0	DFMS	Flight sequence	ARNS081B	0	0	10	208_01:35:48
208_01:35:48	0	DFMS	Mode	1	0	0	120	208_01:37:48
MWNV 27.07.2015 01:40:47 - 27.07.2015 02:50:47								
208_02:50:47	1	DFMS	Mode	222	0	9	26520	208_10:12:47
208_10:12:47	0	DFMS	Mode	262	0	0	2880	208_11:00:47
208_11:00:47	0	DFMS	Mode	220	0	0	1194	208_11:20:41
208_11:20:41	0	DFMS	Mode	260	0	0	864	208_11:35:05
208_11:37:00	1	DFMS	Flight sequence	ARNS081B	0	0	10	208_11:37:10
208_11:37:10	0	DFMS	Mode	1	0	0	120	208_11:39:10
MWNV 27.07.2015 11:43:57 - 27.07.2015 12:53:57								
208_12:53:57	1	COPS	Mode	322	1	0	60	208_12:54:57
208_12:55:00	1	DFMS	Mode	222	0	11	31680	208_21:43:00
208_21:43:00	0	DFMS	Flight sequence	ARNS081B	0	0	10	208_21:43:10
208_21:43:10	0	DFMS	Mode	1	0	0	120	208_21:45:10
MWNV 27.07.2015 21:47:06 - 27.07.2015 22:57:06								
208_22:57:06	1	DFMS	Mode	222	0	4	13620	209_02:44:06
209_02:44:06	0	DFMS	Mode	532	0	2	15636	209_07:04:42
209_07:45:00	1	DFMS	Flight sequence	ARNS081B	0	0	10	209_07:45:10
209_07:45:10	0	DFMS	Mode	1	0	0	120	209_07:47:10
MWNV 28.07.2015 07:50:16- 28.07.2015 09:00:16								
209_09:00:00	1	DFMS	Mode	222	0	11	31680	209_17:48:00
209_17:48:00	0	DFMS	Flight sequence	ARNS081B	0	0	10	209_17:48:10
209_17:48:10	0	DFMS	Mode	1	0	0	120	209_17:50:10
MWNV 28.07.2015 17:53:25 - 28.07.2015 19:03:25								
209_19:03:25	1	DFMS	Mode	564	0	3	8150	209_21:19:15
209_21:19:15	0	DFMS	Sequence	64	0	2	6660	209_23:10:15
209_23:10:15	0	DFMS	Flight sequence	ARNS081B	0	0	10	209_23:10:25
209_23:10:25	0	DFMS	Mode	1	0	0	120	209_23:12:25
MWNV 28.07.2015 19:03:25 - 28.07.2015 19:03:25								
209_23:12:25	0	DFMS	Flight sequence	ARNF100B	0	0	20	209_23:12:45
209_23:12:45	0	DFMS	Flight sequence	ARNF014B	0	0	125	209_23:14:50

Non
operational
heaters on

209_23:14:50	0	COPS	Flight sequence	ARNF016B	0	0	60	209_23:15:50
209_23:15:50	0	COPS	Flight sequence	ARNF011A	0	0	210	209_23:19:20
MOCM 28.07.2015 23:25:00- 29.07.2015 23:55:00								

STP Start
time: 21.07.2015 23:25:00
STP End time: 28.07.2015 23:25:00

STP067

Start time	Set Time	Instrument	Mode/Sequence	Mode/Sequence number	Cycle number	Repetition	Duration [s]	Stop time		
MOCM 28/07/2015 23:25:00 - 29/07/2015 05:55:00										
210_05:55:00	1	COPS	Flight sequence	ARNF015A	0	0	120	210_05:57:00		
210_05:57:00	0	COPS	Mode	322	1	0	60	210_05:58:00		
210_05:58:00	0	DFMS	Flight sequence	ARNF003A	0	0	120	210_06:00:00		
210_06:00:00	0	DFMS	Flight sequence	ARNF100A	0	0	20	210_06:00:20	Non operational heater off	
210_06:00:20	0	DFMS	Mode	215	0	3	4326	210_07:12:26		
210_06:40:00	1	COPS	Flight sequence	ARNF016A	0	0	60	210_06:41:00	COPS Science ON	
210_07:12:26	0	DFMS	Mode	245	0	5	7200	210_09:12:26		
210_09:12:26	0	DFMS	Mode	215	0	0	864	210_09:26:50		
210_09:34:00	1	DFMS	Flight sequence	ARNS081B	0	0	10	210_09:34:10		
210_09:34:10	0	DFMS	Mode	1	0	0	120	210_09:36:10		
210_09:43:51	1	RTOF	Flight sequence	ARNF004A	0	0	120	210_09:45:51		
210_09:45:51	0	RTOF	Flight sequence	ARNS041A_RTOF	1	0	60	210_09:46:51		
MWNV 29/07/2015 09:37:51 - 29/07/2015 10:47:51										
210_09:46:51	0	RTOF	Mode	51	5	0	3660	210_10:47:51		
210_10:45:51	1	RTOF	Set default voltages according to table below							

PLANNED											
BP	GR	P	R1	R2	RL	RepA	RepB	A1_SS	A2_SS	SL_SS	
-40	0	-90	-53.7	-376.5	-1825	-120	-120	-210	-700	-1715	
ACTUALLY COMMANDED											
BP	GR	P	R1	R2	RL	RepA	RepB	A1_SS	A2_SS	SL_SS	
-40	0	-90	-53.7	-376.5	-1825	-120	-120	-210	-700	-1715	
210_10:47:51	0	RTOF	Mode	521	15	0	4280	210_11:59:11			
210_10:48:51	1	DFMS	Mode	245	0	20	25800	210_17:58:51			
210_12:01:11	1	RTOF	Change voltages temporarily according to table below								
PLANNED											
BP	GR	P	R1	R2	RL	RepA	RepB	A1_SS	A2_SS	SL_SS	
-24	-8	-107	-54.8	-342	-1710	-180	-180	-210	-430	-1665	
ACTUALLY COMMANDED											
BP	GR	P	R1	R2	RL	RepA	RepB	A1_SS	A2_SS	SL_SS	
-24	-8	-107	-54.8	-342	-1710	-180	-180	-210	-430	-1665	
210_12:03:11	1	RTOF	Mode	181	2	0	740	210_12:15:31			
210_12:17:11	1	RTOF	Change voltages temporarily according to table below								
PLANNED											
BP	GR	P	R1	R2	RL	RepA	RepB	A1_SS	A2_SS	SL_SS	
-40	0	-90	-53.7	-376.5	-1825	-120	-120	-210	-700	-1715	
ACTUALLY COMMANDED											
BP	GR	P	R1	R2	RL	RepA	RepB	A1_SS	A2_SS	SL_SS	
-24	-8	-107	-54.8	-342	-1710	-120	-120	-210	-430	-1665	
210_13:03:11	1	RTOF	Mode	181	2	0	680	210_13:14:31			
210_13:17:11	1	RTOF	Change voltages temporarily according to table below								
PLANNED											
BP	GR	P	R1	R2	RL	RepA	RepB	A1_SS	A2_SS	SL_SS	

-40	0	-90	-53.7	-376.5	-1825	-150	-150				
ACTUALLY COMMANDED											
BP	GR	P	R1	R2	RL	RepA	RepB	A1_SS	A2_SS	SL_SS	
-24	-8	-107	-54.8	-342	-1710	-150	-150				
210_13:18:11	1	RTOF	Mode	181	2	0	680	210_13:29:31			
210_13:32:11	1	RTOF	Change voltages temporarily according to table below								
PLANNED											
BP	GR	P	R1	R2	RL	RepA	RepB	A1_SS	A2_SS	SL_SS	
-40	0	-90	-53.7	-376.5	-1825	-165	-165				
ACTUALLY COMMANDED											
BP	GR	P	R1	R2	RL	RepA	RepB	A1_SS	A2_SS	SL_SS	
-24	-8	-107	-54.8	-342	-1710	-165	-165				
210_13:33:11	1	RTOF	Mode	181	2	0	680	210_13:44:31			
210_13:47:11	1	RTOF	Change voltages temporarily according to table below								
PLANNED											
BP	GR	P	R1	R2	RL	RepA	RepB	A1_SS	A2_SS	SL_SS	
-40	0	-90	-53.7	-376.5	-1825	-180	-180				
ACTUALLY COMMANDED											
BP	GR	P	R1	R2	RL	RepA	RepB	A1_SS	A2_SS	SL_SS	
-24	-8	-107	-54.8	-342	-1710	-180	-180				
210_13:48:11	1	RTOF	Mode	181	2	0	680	210_13:59:31			
210_14:02:11	1	RTOF	Change voltages temporarily according to table below								
PLANNED											
BP	GR	P	R1	R2	RL	RepA	RepB	A1_SS	A2_SS	SL_SS	
-40	0	-90	-53.7	-376.5	-1825	-195	-195				
ACTUALLY COMMANDED											
BP	GR	P	R1	R2	RL	RepA	RepB	A1_SS	A2_SS	SL_SS	

210_14:03:11	1	RTOF	Mode	181	2	0	680	210_14:14:31		
Change voltages temporarily according to table below										
210_14:17:11	1	RTOF								
PLANNED										
BP	GR	P	R1	R2	RL	RepA	RepB	A1_SS	A2_SS	SL_SS
-40	0	-90	-53.7	-376.5	-1825	-120	-120			
ACTUALLY COMMANDED										
BP	GR	P	R1	R2	RL	RepA	RepB	A1_SS	A2_SS	SL_SS
-24	-8	-107	-54.8	-342	-1710	-120	-120			
210_14:18:11	1	RTOF	Mode	181	2	0	680	210_14:29:31		
Change voltages temporarily according to table below										
210_14:32:11	1	RTOF								
PLANNED										
BP	GR	P	R1	R2	RL	RepA	RepB	A1_SS	A2_SS	SL_SS
-45	-3.5	-90	-53.7	-376.5	-1825					
ACTUALLY COMMANDED										
BP	GR	P	R1	R2	RL	RepA	RepB	A1_SS	A2_SS	SL_SS
-45	-3.5	-107	-54.8	-342	-1710					
210_14:33:11	1	RTOF	Mode	181	2	0	680	210_14:44:31		
Change voltages temporarily according to table below										
210_14:47:11	1	RTOF								
PLANNED										
BP	GR	P	R1	R2	RL	RepA	RepB	A1_SS	A2_SS	SL_SS
-45	-6	-90	-53.7	-376.5	-1825					
ACTUALLY COMMANDED										
BP	GR	P	R1	R2	RL	RepA	RepB	A1_SS	A2_SS	SL_SS
-45	-6	-107	-54.8	-342	-1710					
210_14:48:11	1	RTOF	Mode	181	2	0	680	210_14:59:31		

210_15:02:11 1 RTOF Change voltages temporarily according to table below										
PLANNED										
BP	GR	P	R1	R2	RL	RepA	RepB	A1_SS	A2_SS	SL_SS
-42.5	-6	-90	-53.7	-376.5	-1825					
ACTUALLY COMMANDED										
BP	GR	P	R1	R2	RL	RepA	RepB	A1_SS	A2_SS	SL_SS
-42.5	-6	-107	-54.8	-342	-1710					
210_15:03:11	1	RTOF	Mode	181	2	0	680	210_15:14:31		
210_15:17:11 1 RTOF Change voltages temporarily according to table below										
PLANNED										
BP	GR	P	R1	R2	RL	RepA	RepB	A1_SS	A2_SS	SL_SS
-42.5	-3.5	-90	-53.7	-376.5	-1825					
ACTUALLY COMMANDED										
BP	GR	P	R1	R2	RL	RepA	RepB	A1_SS	A2_SS	SL_SS
-42.5	-3.5	-107	-54.8	-342	-1710					
210_15:18:11	1	RTOF	Mode	181	2	0	680	210_15:29:31		
210_15:32:11 1 RTOF Change voltages temporarily according to table below										
PLANNED										
BP	GR	P	R1	R2	RL	RepA	RepB	A1_SS	A2_SS	SL_SS
-42.5	0	-90	-53.7	-376.5	-1825					
ACTUALLY COMMANDED										
BP	GR	P	R1	R2	RL	RepA	RepB	A1_SS	A2_SS	SL_SS
-42.5	0	-107	-54.8	-342	-1710					
210_15:33:11	1	RTOF	Mode	181	2	0	680	210_15:44:31		

Change voltages temporarily according to table below										
210_15:47:11	1	RTOF								
PLANNED										
BP	GR	P	R1	R2	RL	RepA	RepB	A1_SS	A2_SS	SL_SS
-40	0	-90	-53.7	-376.5	-1825					
ACTUALLY COMMANDED										
BP	GR	P	R1	R2	RL	RepA	RepB	A1_SS	A2_SS	SL_SS
-40	0	-107	-54.8	-342	-1710					
210_15:48:11	1	RTOF	Mode	181	2	0	680	210_15:59:31		
Change voltages temporarily according to table below										
210_16:02:11 1 RTOF										
PLANNED										
BP	GR	P	R1	R2	RL	RepA	RepB	A1_SS	A2_SS	SL_SS
-40	-3.5	-90	-53.7	-376.5	-1825					
ACTUALLY COMMANDED										
BP	GR	P	R1	R2	RL	RepA	RepB	A1_SS	A2_SS	SL_SS
-40	-3.5	-107	-54.8	-342	-1710					
210_16:03:11	1	RTOF	Mode	181	2	0	680	210_16:14:31		
Change voltages temporarily according to table below										
210_16:17:11 1 RTOF										
PLANNED										
BP	GR	P	R1	R2	RL	RepA	RepB	A1_SS	A2_SS	SL_SS
-40	2.5	-90	-53.7	-376.5	-1825					
ACTUALLY COMMANDED										
BP	GR	P	R1	R2	RL	RepA	RepB	A1_SS	A2_SS	SL_SS
-40	2.5	-107	-54.8	-342	-1710					
210_16:18:11	1	RTOF	Mode	181	2	0	680	210_16:29:31		

210_16:32:11 1 RTOF Change voltages temporarily according to table below										
PLANNED										
BP	GR	P	R1	R2	RL	RepA	RepB	A1_SS	A2_SS	SL_SS
-37.5	2.5	-90	-53.7	-376.5	-1825					
ACTUALLY COMMANDED										
BP	GR	P	R1	R2	RL	RepA	RepB	A1_SS	A2_SS	SL_SS
-37.5	2.5	-107	-54.8	-342	-1710					
210_16:33:11	1	RTOF	Mode	181	2	0	680	210_16:44:31		
210_16:47:11 1 RTOF Change voltages temporarily according to table below										
PLANNED										
BP	GR	P	R1	R2	RL	RepA	RepB	A1_SS	A2_SS	SL_SS
-37.5	0	-90	-53.7	-376.5	-1825					
ACTUALLY COMMANDED										
BP	GR	P	R1	R2	RL	RepA	RepB	A1_SS	A2_SS	SL_SS
-37.5	0	-107	-54.8	-342	-1710					
210_16:48:11	1	RTOF	Mode	181	2	0	680	210_16:59:31		
210_17:02:11 1 RTOF Change voltages temporarily according to table below										
PLANNED										
BP	GR	P	R1	R2	RL	RepA	RepB	A1_SS	A2_SS	SL_SS
-37.5	5	-90	-53.7	-376.5	-1825					
ACTUALLY COMMANDED										
BP	GR	P	R1	R2	RL	RepA	RepB	A1_SS	A2_SS	SL_SS
-37.5	5	-107	-54.8	-342	-1710					
210_17:03:11	1	RTOF	Mode	181	2	0	680	210_17:14:31		

Change voltages temporarily according to table below											
210_17:17:11	1	RTOF									
PLANNED											
BP	GR	P	R1	R2	RL	RepA	RepB	A1_SS	A2_SS	SL_SS	
-35	5	-90	-53.7	-376.5	-1825						
ACTUALLY COMMANDED											
BP	GR	P	R1	R2	RL	RepA	RepB	A1_SS	A2_SS	SL_SS	
-35	5	-107	-54.8	-342	-1710						
210_17:18:11	1	RTOF	Mode	181	2	0	680	210_17:29:31			
Change voltages temporarily according to table below											
210_17:32:11	1	RTOF									
PLANNED											
BP	GR	P	R1	R2	RL	RepA	RepB	A1_SS	A2_SS	SL_SS	
-35	2.5	-90	-53.7	-376.5	-1825						
ACTUALLY COMMANDED											
BP	GR	P	R1	R2	RL	RepA	RepB	A1_SS	A2_SS	SL_SS	
-35	2.5	-107	-54.8	-342	-1710						
210_17:33:11	1	RTOF	Mode	181	2	0	680	210_17:44:31			
Change voltages temporarily according to table below											
210_17:47:11	1	RTOF									
PLANNED											
BP	GR	P	R1	R2	RL	RepA	RepB	A1_SS	A2_SS	SL_SS	
-35	7.5	-90	-53.7	-376.5	-1825						
ACTUALLY COMMANDED											
BP	GR	P	R1	R2	RL	RepA	RepB	A1_SS	A2_SS	SL_SS	
-35	7.5	-107	-54.8	-342	-1710						
210_17:48:11	1	RTOF	Mode	181	2	0	680	210_17:59:31			
210_17:58:51	0	DFMS	Mode	245	0	4	6000	210_19:38:51			

210_18:02:11 1 RTOF Change voltages temporarily according to table below										
PLANNED										
BP	GR	P	R1	R2	RL	RepA	RepB	A1_SS	A2_SS	SL_SS
-32.5	7.5	-90	-53.7	-376.5	-1825					
ACTUALLY COMMANDED										
BP	GR	P	R1	R2	RL	RepA	RepB	A1_SS	A2_SS	SL_SS
-32.5	7.5	-107	-54.8	-342	-1710					
210_18:03:11	1	RTOF	Mode	181	2	0	680	210_18:14:31		
210_18:17:11 1 RTOF Change voltages temporarily according to table below										
PLANNED										
BP	GR	P	R1	R2	RL	RepA	RepB	A1_SS	A2_SS	SL_SS
-32.5	5	-90	-53.7	-376.5	-1825					
ACTUALLY COMMANDED										
BP	GR	P	R1	R2	RL	RepA	RepB	A1_SS	A2_SS	SL_SS
-32.5	5	-107	-54.8	-342	-1710					
210_18:18:11	1	RTOF	Mode	181	2	0	680	210_18:29:31		
210_18:32:11 1 RTOF Change voltages temporarily according to table below										
PLANNED										
BP	GR	P	R1	R2	RL	RepA	RepB	A1_SS	A2_SS	SL_SS
-40	0	-80	-53.7	-376.5	-1825					
ACTUALLY COMMANDED										
BP	GR	P	R1	R2	RL	RepA	RepB	A1_SS	A2_SS	SL_SS
-40	0	-80	-54.8	-342	-1710					
210_18:33:11	1	RTOF	Mode	181	2	0	680	210_18:44:31		

210_18:47:11			1	RTOF	Change voltages temporarily according to table below						
PLANNED											
BP	GR	P	R1	R2	RL	RepA	RepB	A1_SS	A2_SS	SL_SS	
-40	0	-100	-53.7	-376.5	-1825						
ACTUALLY COMMANDED											
BP	GR	P	R1	R2	RL	RepA	RepB	A1_SS	A2_SS	SL_SS	
-40	0	-100	-54.8	-342	-1710						
210_18:48:11	1	RTOF	Mode	181	2	0	680	210_18:59:31			
210_19:02:11			1	RTOF	Change voltages temporarily according to table below						
PLANNED											
BP	GR	P	R1	R2	RL	RepA	RepB	A1_SS	A2_SS	SL_SS	
-40	0	-110	-53.7	-376.5	-1825						
ACTUALLY COMMANDED											
BP	GR	P	R1	R2	RL	RepA	RepB	A1_SS	A2_SS	SL_SS	
-40	0	-110	-54.8	-342	-1710						
210_19:03:11	1	RTOF	Mode	181	2	0	680	210_19:14:31			
210_19:17:11			1	RTOF	Change voltages temporarily according to table below						
PLANNED											
BP	GR	P	R1	R2	RL	RepA	RepB	A1_SS	A2_SS	SL_SS	
-40	0	-120	-53.7	-376.5	-1825						
ACTUALLY COMMANDED											
BP	GR	P	R1	R2	RL	RepA	RepB	A1_SS	A2_SS	SL_SS	
-40	0	-120	-54.8	-342	-1710						
210_19:18:11	1	RTOF	Mode	181	2	0	680	210_19:29:31			

210_19:32:11			1	RTOF	Change voltages temporarily according to table below						
PLANNED											
BP	GR	P	R1	R2	RL	RepA	RepB	A1_SS	A2_SS	SL_SS	
-40	0	-130	-53.7	-376.5	-1825						
ACTUALLY COMMANDED											
BP	GR	P	R1	R2	RL	RepA	RepB	A1_SS	A2_SS	SL_SS	
-40	0	-130	-54.8	-342	-1710						
210_19:33:11	1	RTOF	Mode	181	2	0	680	210_19:44:31			
210_19:46:33	1	RTOF	Flight sequence	ARNS081C	0	0	10	210_19:46:43			
210_19:46:43	0	RTOF	Mode	1	0	0	240	210_19:50:43			
210_19:47:33	1	DFMS	Flight sequence	ARNS081B	0	0	10	210_19:47:43			
210_19:47:43	0	DFMS	Mode	1	0	0	120	210_19:49:43			
MWNV 29/07/2015 19:50:43 - 29/07/2015 21:00:43											
210_19:59:43	1	RTOF	Mode	51	5	0	3660	210_21:00:43			
210_20:59:43			1	RTOF	Set default voltages according to table below						
PLANNED											
BP	GR	P	R1	R2	RL	RepA	RepB	A1_SS	A2_SS	SL_SS	
-40	0	-90	-53.7	-376.5	-1825	-120	-120	-210	-700	-1715	
ACTUALLY COMMANDED											
BP	GR	P	R1	R2	RL	RepA	RepB	A1_SS	A2_SS	SL_SS	
-40	0	-90	-54.8	-342	-1710	-120	-120	-210	-430	-1665	
210_21:00:43	0	RTOF	Mode	521	15	0	4280	210_22:12:03			
210_21:01:43	1	COPS	Mode	322	1	0	60	210_21:02:43			
210_21:02:43	1	DFMS	Mode	222	0	10	29100	211_05:07:43			
210_22:15:03			1	RTOF	Change voltages temporarily according to table below						
PLANNED											
BP	GR	P	R1	R2	RL	RepA	RepB	A1_SS	A2_SS	SL_SS	

-40	0	-90	-53.7	-375	-1825						
ACTUALLY COMMANDED											
BP	GR	P	R1	R2	RL	RepA	RepB	A1_SS	A2_SS	SL_SS	
-40	0	-90	-54.8	-375	-1710						
210_22:16:03	1	RTOF	Mode	181	2	0	740	210_22:28:23			
210_22:30:03	1	RTOF	Change voltages temporarily according to table below								
PLANNED											
BP	GR	P	R1	R2	RL	RepA	RepB	A1_SS	A2_SS	SL_SS	
-40	0	-90	-53.7	-376.5	-1825						
ACTUALLY COMMANDED											
BP	GR	P	R1	R2	RL	RepA	RepB	A1_SS	A2_SS	SL_SS	
-40	0	-90	-54.8	-376.5	-1710						
210_22:31:03	1	RTOF	Mode	181	2	0	680	210_22:42:23			
210_22:45:03	1	RTOF	Change voltages temporarily according to table below								
PLANNED											
BP	GR	P	R1	R2	RL	RepA	RepB	A1_SS	A2_SS	SL_SS	
-40	0	-90	-53.7	-378	-1825						
ACTUALLY COMMANDED											
BP	GR	P	R1	R2	RL	RepA	RepB	A1_SS	A2_SS	SL_SS	
-40	0	-90	-54.8	-378	-1710						
210_22:46:03	1	RTOF	Mode	181	2	0	680	210_22:57:23			
210_23:00:03	1	RTOF	Change voltages temporarily according to table below								
PLANNED											
BP	GR	P	R1	R2	RL	RepA	RepB	A1_SS	A2_SS	SL_SS	
-40	0	-90	-53.7	-380	-1825						
ACTUALLY COMMANDED											
BP	GR	P	R1	R2	RL	RepA	RepB	A1_SS	A2_SS	SL_SS	

-40	0	-90	-54.8	-380	-1710						
210_23:01:03	1	RTOF	Mode	181	2	0	680	210_23:12:23			
Change voltages temporarily according to table below											
210_23:15:03	1	RTOF									
PLANNED											
BP	GR	P	R1	R2	RL	RepA	RepB	A1_SS	A2_SS	SL_SS	
-40	0	-90	-54.8	-382	-1710						
ACTUALLY COMMANDED											
BP	GR	P	R1	R2	RL	RepA	RepB	A1_SS	A2_SS	SL_SS	
-40	0	-90	-53.7	-382	-1825						
210_23:16:03	1	RTOF	Mode	181	2	0	680	210_23:27:23			
Change voltages temporarily according to table below											
210_23:30:03	1	RTOF									
PLANNED											
BP	GR	P	R1	R2	RL	RepA	RepB	A1_SS	A2_SS	SL_SS	
-40	0	-90	-53.7	-384	-1825						
ACTUALLY COMMANDED											
BP	GR	P	R1	R2	RL	RepA	RepB	A1_SS	A2_SS	SL_SS	
-40	0	-90	-54.8	-384	-1710						
210_23:31:03	1	RTOF	Mode	181	2	0	680	210_23:42:23			
Change voltages temporarily according to table below											
210_23:45:03	1	RTOF									
PLANNED											
BP	GR	P	R1	R2	RL	RepA	RepB	A1_SS	A2_SS	SL_SS	
-40	0	-90	-53.7	-386	-1825						
ACTUALLY COMMANDED											
BP	GR	P	R1	R2	RL	RepA	RepB	A1_SS	A2_SS	SL_SS	
-40	0	-90	-54.8	-386	-1710						
210_23:46:03	1	RTOF	Mode	181	2	0	680	210_23:57:23			

211_00:00:03			1	RTOF	Change voltages temporarily according to table below						
PLANNED											
BP	GR	P	R1	R2	RL	RepA	RepB	A1_SS	A2_SS	SL_SS	
-40	0	-90	-53.7	-388	-1825						
ACTUALLY COMMANDED											
BP	GR	P	R1	R2	RL	RepA	RepB	A1_SS	A2_SS	SL_SS	
-40	0	-90	-54.8	-388	-1710						
211_00:01:03	1	RTOF	Mode	181	2	0	680	211_00:12:23			
211_00:15:03			1	RTOF	Change voltages temporarily according to table below						
PLANNED											
BP	GR	P	R1	R2	RL	RepA	RepB	A1_SS	A2_SS	SL_SS	
-40	0	-90	-53.7	-390	-1825						
ACTUALLY COMMANDED											
BP	GR	P	R1	R2	RL	RepA	RepB	A1_SS	A2_SS	SL_SS	
-40	0	-90	-54.8	-390	-1710						
211_00:16:03	1	RTOF	Mode	181	2	0	680	211_00:27:23			
211_00:30:03			1	RTOF	Change voltages temporarily according to table below						
PLANNED											
BP	GR	P	R1	R2	RL	RepA	RepB	A1_SS	A2_SS	SL_SS	
-40	0	-90	-53.7	-376.5	-1825						
ACTUALLY COMMANDED											
BP	GR	P	R1	R2	RL	RepA	RepB	A1_SS	A2_SS	SL_SS	
-40	0	-90	-54.8	-376.5	-1710						
211_00:31:03	1	RTOF	Mode	181	2	0	680	211_00:42:23			

211_00:45:03		1	RTOF	Change voltages temporarily according to table below							
PLANNED											
BP	GR	P	R1	R2	RL	RepA	RepB	A1_SS	A2_SS	SL_SS	
-40	0	-90	-53.7	-376.5	-1810						
ACTUALLY COMMANDED											
BP	GR	P	R1	R2	RL	RepA	RepB	A1_SS	A2_SS	SL_SS	
-40	0	-90	-54.8	-376.5	-1810						
211_00:46:03		1	RTOF	Mode	181	2	0	680	211_00:57:23		
211_01:00:03		1	RTOF	Change voltages temporarily according to table below							
PLANNED											
BP	GR	P	R1	R2	RL	RepA	RepB	A1_SS	A2_SS	SL_SS	
-40	0	-90	-53.7	-376.5	-1795						
ACTUALLY COMMANDED											
BP	GR	P	R1	R2	RL	RepA	RepB	A1_SS	A2_SS	SL_SS	
-40	0	-90	-54.8	-376.5	-1795						
211_01:01:03		1	RTOF	Mode	181	2	0	680	211_01:12:23		
211_01:15:03		1	RTOF	Change voltages temporarily according to table below							
PLANNED											
BP	GR	P	R1	R2	RL	RepA	RepB	A1_SS	A2_SS	SL_SS	
-40	0	-90	-53.7	-376.5	-1780						
ACTUALLY COMMANDED											
BP	GR	P	R1	R2	RL	RepA	RepB	A1_SS	A2_SS	SL_SS	
-40	0	-90	-54.8	-376.5	-1780						
211_01:16:03		1	RTOF	Mode	181	2	0	680	211_01:27:23		

211_01:30:03			1	RTOF	Change voltages temporarily according to table below						
PLANNED											
BP	GR	P	R1	R2	RL	RepA	RepB	A1_SS	A2_SS	SL_SS	
-40	0	-90	-53.7	-376.5	-1765						
ACTUALLY COMMANDED											
BP	GR	P	R1	R2	RL	RepA	RepB	A1_SS	A2_SS	SL_SS	
-40	0	-90	-54.8	-376.5	-1765						
211_01:31:03			1	RTOF	Mode	181	2	0	680	211_01:42:23	
211_01:45:03			1	RTOF	Change voltages temporarily according to table below						
PLANNED											
BP	GR	P	R1	R2	RL	RepA	RepB	A1_SS	A2_SS	SL_SS	
-40	0	-90	-53.7	-376.5	-1750						
ACTUALLY COMMANDED											
BP	GR	P	R1	R2	RL	RepA	RepB	A1_SS	A2_SS	SL_SS	
-40	0	-90	-54.8	-376.5	-1750						
211_01:46:03			1	RTOF	Mode	181	2	0	680	211_01:57:23	
211_02:00:03			1	RTOF	Change voltages temporarily according to table below						
PLANNED											
BP	GR	P	R1	R2	RL	RepA	RepB	A1_SS	A2_SS	SL_SS	
-40	0	-90	-53.7	-376.5	-1735						
ACTUALLY COMMANDED											
BP	GR	P	R1	R2	RL	RepA	RepB	A1_SS	A2_SS	SL_SS	
-40	0	-90	-54.8	-376.5	-1735						
211_02:01:03			1	RTOF	Mode	181	2	0	680	211_02:12:23	

211_02:15:03			1	RTOF	Change voltages temporarily according to table below						
PLANNED											
BP	GR	P	R1	R2	RL	RepA	RepB	A1_SS	A2_SS	SL_SS	
-40	0	-90	-53.7	-376.5	-1720						
ACTUALLY COMMANDED											
BP	GR	P	R1	R2	RL	RepA	RepB	A1_SS	A2_SS	SL_SS	
-40	0	-90	-54.8	-376.5	-1720						
211_02:16:03			1	RTOF	Mode	181	2	0	680	211_02:27:23	
211_02:30:03			1	RTOF	Change voltages temporarily according to table below						
PLANNED											
BP	GR	P	R1	R2	RL	RepA	RepB	A1_SS	A2_SS	SL_SS	
-40	0	-90	-53.7	-376.5	-1705						
ACTUALLY COMMANDED											
BP	GR	P	R1	R2	RL	RepA	RepB	A1_SS	A2_SS	SL_SS	
-40	0	-90	-54.8	-376.5	-1705						
211_02:31:03			1	RTOF	Mode	181	2	0	680	211_02:42:23	
211_02:45:03			1	RTOF	Change voltages temporarily according to table below						
PLANNED											
BP	GR	P	R1	R2	RL	RepA	RepB	A1_SS	A2_SS	SL_SS	
-40	0	-90	-48.7	-376.5	-1825						
ACTUALLY COMMANDED											
BP	GR	P	R1	R2	RL	RepA	RepB	A1_SS	A2_SS	SL_SS	
-40	0	-90	-48.7	-376.5	-1825						
211_02:46:03			1	RTOF	Mode	181	2	0	680	211_02:57:23	

211_03:00:03		1	RTOF	Change voltages temporarily according to table below							
PLANNED											
BP	GR	P	R1	R2	RL	RepA	RepB	A1_SS	A2_SS	SL_SS	
-40	0	-90	-49.7	-376.5	-1825						
ACTUALLY COMMANDED											
BP	GR	P	R1	R2	RL	RepA	RepB	A1_SS	A2_SS	SL_SS	
-40	0	-90	-49.7	-376.5	-1825						
211_03:01:03	1	RTOF	Mode	181	2	0	680	211_03:12:23			
211_03:15:03		1	RTOF	Change voltages temporarily according to table below							
PLANNED											
BP	GR	P	R1	R2	RL	RepA	RepB	A1_SS	A2_SS	SL_SS	
-40	0	-90	-50.7	-376.5	-1825						
ACTUALLY COMMANDED											
BP	GR	P	R1	R2	RL	RepA	RepB	A1_SS	A2_SS	SL_SS	
-40	0	-90	-50.7	-376.5	-1825						
211_03:16:03	1	RTOF	Mode	181	2	0	680	211_03:27:23			
211_03:30:03		1	RTOF	Change voltages temporarily according to table below							
PLANNED											
BP	GR	P	R1	R2	RL	RepA	RepB	A1_SS	A2_SS	SL_SS	
-40	0	-90	-51.7	-376.5	-1825						
ACTUALLY COMMANDED											
BP	GR	P	R1	R2	RL	RepA	RepB	A1_SS	A2_SS	SL_SS	
-40	0	-90	-51.7	-376.5	-1825						
211_03:31:03	1	RTOF	Mode	181	2	0	680	211_03:42:23			

211_03:45:03			1	RTOF	Change voltages temporarily according to table below						
PLANNED											
BP	GR	P	R1	R2	RL	RepA	RepB	A1_SS	A2_SS	SL_SS	
-40	0	-90	-52.7	-376.5	-1825						
ACTUALLY COMMANDED											
BP	GR	P	R1	R2	RL	RepA	RepB	A1_SS	A2_SS	SL_SS	
-40	0	-90	-52.7	-376.5	-1825						
211_03:46:03			1	RTOF	Mode	181	2	0	680	211_03:57:23	
211_04:00:03			1	RTOF	Change voltages temporarily according to table below						
PLANNED											
BP	GR	P	R1	R2	RL	RepA	RepB	A1_SS	A2_SS	SL_SS	
-40	0	-90	-53.7	-376.5	-1825						
ACTUALLY COMMANDED											
BP	GR	P	R1	R2	RL	RepA	RepB	A1_SS	A2_SS	SL_SS	
-40	0	-90	-53.7	-376.5	-1825						
211_04:01:03			1	RTOF	Mode	181	2	0	680	211_04:12:23	
211_04:15:03			1	RTOF	Change voltages temporarily according to table below						
PLANNED											
BP	GR	P	R1	R2	RL	RepA	RepB	A1_SS	A2_SS	SL_SS	
-40	0	-90	-54.7	-376.5	-1825						
ACTUALLY COMMANDED											
BP	GR	P	R1	R2	RL	RepA	RepB	A1_SS	A2_SS	SL_SS	
-40	0	-90	-54.7	-376.5	-1825						
211_04:16:03			1	RTOF	Mode	181	2	0	680	211_04:27:23	

211_04:30:03			1	RTOF	Change voltages temporarily according to table below						
PLANNED											
BP	GR	P	R1	R2	RL	RepA	RepB	A1_SS	A2_SS	SL_SS	
-40	0	-90	-55.7	-376.5	-1825						
ACTUALLY COMMANDED											
BP	GR	P	R1	R2	RL	RepA	RepB	A1_SS	A2_SS	SL_SS	
-40	0	-90	-55.7	-376.5	-1825						
211_05:15:03			1	RTOF	Change voltages temporarily according to table below						
PLANNED											
BP	GR	P	R1	R2	RL	RepA	RepB	A1_SS	A2_SS	SL_SS	
-40	0	-90	-58.7	-376.5	-1825						
ACTUALLY COMMANDED											
BP	GR	P	R1	R2	RL	RepA	RepB	A1_SS	A2_SS	SL_SS	
-40	0	-90	-58.7	-376.5	-1825						
211_05:16:03	1	RTOF	Mode	181	2	0	680	211_05:27:23			
211_05:27:37	0	DFMS	Mode	260	0	0	864	211_05:42:01			
211_05:30:03			1	RTOF	Set default voltages according to table on the right						
PLANNED											
BP	GR	P	R1	R2	RL	RepA	RepB	A1_SS	A2_SS	SL_SS	
-40	0	-90	-53.7	-376.5	-1825	-120	-120	-210	-700	-1715	
ACTUALLY COMMANDED											
BP	GR	P	R1	R2	RL	RepA	RepB	A1_SS	A2_SS	SL_SS	
-40	0	-90	-53.7	-376.5	-1825	-120	-120	-210	-430	-1665	
211_05:31:03	1	RTOF	Mode	521	6	0	1520	211_05:56:23			
211_05:57:24	1	RTOF	Flight sequence	ARNS081C	0	0	10	211_05:57:34			
211_05:57:34	0	RTOF	Mode	1	0	0	240	211_06:01:34			
211_06:00:24	1	DFMS	Flight sequence	ARNS081B	0	0	10	211_06:00:34			

211_06:00:34	0	DFMS	Mode	1	0	0	120	211_06:02:34
211_06:01:34	0	RTOF	Flight sequence	ARNF014A	0	0	120	211_06:03:34
MWNV 30/07/2015 06:03:34 - 30/07/2015 07:13:34								
211_07:13:00	1	DFMS	Mode	222	0	9	26520	211_14:35:00
211_14:35:00	0	DFMS	Mode	262	0	1	5760	211_16:11:00
211_16:13:00	1	DFMS	Flight sequence	ARNS081B	0	0	10	211_16:13:10
211_16:13:10	0	DFMS	Mode	1	0	0	120	211_16:15:10
MWNV 30/07/2015 16:16 - 30/07/2015 17:26								
211_17:26:00	1	COPS	Mode	322	1	0	60	211_17:27:00
211_17:27:00	1	DFMS	Mode	222	0	9	26520	212_00:49:00
212_00:49:00	0	DFMS	Mode	562	0	0	1900	212_01:20:40
212_01:20:40	0	DFMS	Mode	564	0	0	1900	212_01:52:20
212_02:26:00	1	DFMS	Flight sequence	ARNS081B	0	0	10	212_02:26:10
212_02:26:10	0	DFMS	Mode	1	0	0	120	212_02:28:10
MWNV 31/07/2015 02:29 - 31/07/2015 03:39								
212_03:39:00	1	DFMS	Mode	222	0	9	26520	212_11:01:00
212_11:01:00	0	DFMS	Mode	220	0	2	3582	212_12:00:42
212_12:00:42	0	DFMS	Mode	260	0	1	1728	212_12:29:30
212_12:39:00	1	DFMS	Flight sequence	ARNS081B	0	0	10	212_12:39:10
212_12:39:10	0	DFMS	Mode	1	0	0	120	212_12:41:10
MWNV 31/07/2015 12:42 - 31/07/2015 13:52								
212_13:52:00	1	COPS	Mode	322	1	0	60	212_13:53:00
212_13:53:00	1	DFMS	Mode	222	0	9	26520	212_21:15:00
212_21:15:00	0	DFMS	Mode	262	0	1	5760	212_22:51:00
212_22:51:00	0	DFMS	Mode	220	0	0	1194	212_23:10:54
212_23:10:54	0	DFMS	Flight sequence	ARNS081B	0	0	10	212_23:11:04
212_23:11:04	0	DFMS	Mode	1	0	0	120	212_23:13:04
Non operational heater ON								
212_23:13:04	0	DFMS	Flight sequence	ARNF100B	0	0	20	212_23:13:24
212_23:13:24	0	DFMS	Flight sequence	ARNF014B	0	0	125	212_23:15:29
212_23:15:29	0	COPS	Flight sequence	ARNF016B	0	0	60	212_23:16:29
212_23:16:29	0	COPS	Flight sequence	ARNF011A	0	0	210	212_23:19:59
MOCM 31/07/2015 23:25 - 01/08/2015 05:55								
213_05:55:00	1	COPS	Flight sequence	ARNF015A	0	0	120	213_05:57:00

213_05:57:00	0	COPS	Mode	322	1	0	60	213_05:58:00	
213_05:58:00	0	DFMS	Flight sequence	ARNF003A	0	0	120	213_06:00:00	
213_06:00:00	0	DFMS	Flight sequence	ARNF100A	0	0	20	213_06:00:20	Non operational heater OFF
213_06:00:20	0	DFMS	Mode	215	0	2	3192	213_06:53:32	
213_06:37:00	1	COPS	Flight sequence	ARNF016A	0	0	60	213_06:38:00	COPS Science ON
213_06:53:32	0	DFMS	Mode	245	0	6	8400	213_09:13:32	
213_09:25:00	1	DFMS	Flight sequence	ARNS081B	0	0	10	213_09:25:10	
213_09:25:10	0	DFMS	Mode	1	0	0	120	213_09:27:10	
MWNV 01/08/2015 09:28 - 01/08/2015 10:38									
213_10:38:00	1	COPS	Mode	322	1	0	60	213_10:39:00	
213_10:39:00	1	DFMS	Mode	215	0	2	3192	213_11:32:12	
213_11:32:12	0	DFMS	Mode	245	0	20	25200	213_18:32:12	
213_18:32:12	0	DFMS	Mode	215	0	2	2592	213_19:15:24	
213_19:28:00	1	DFMS	Flight sequence	ARNS081B	0	0	10	213_19:28:10	
213_19:28:10	0	DFMS	Mode	1	0	0	120	213_19:30:10	
MWNV 01/08/2015 19:31 - 01/08/2015 20:41									
213_20:41:00	1	DFMS	Mode	222	0	9	26520	214_04:03:00	
214_04:03:00	0	DFMS	Mode	564	0	0	1900	214_04:34:40	
214_04:34:40	0	DFMS	Mode	262	0	0	2880	214_05:22:40	
214_05:31:00	1	DFMS	Flight sequence	ARNS081B	0	0	10	214_05:31:10	
214_05:31:10	0	DFMS	Mode	1	0	0	120	214_05:33:10	
MWNV 02/08/2015 05:34 - 02/08/2015 06:44									
214_06:44:00	1	COPS	Mode	322	1	0	60	214_06:45:00	
214_06:45:00	1	DFMS	Mode	222	0	9	26520	214_14:07:00	
214_14:07:00	0	DFMS	Mode	220	0	1	2388	214_14:46:48	
214_14:46:48	0	DFMS	Mode	260	0	1	1728	214_15:15:36	
214_15:34:00	1	DFMS	Flight sequence	ARNS081B	0	0	10	214_15:34:10	
214_15:34:10	0	DFMS	Mode	1	0	0	120	214_15:36:10	
MWNV 02/08/2015 15:37 - 02/08/2015 16:47									
214_16:47:00	1	DFMS	Mode	222	0	9	26520	215_00:09:00	
215_00:09:00	0	DFMS	Mode	564	0	1	3800	215_01:12:20	
215_01:12:20	0	DFMS	Mode	220	0	0	1194	215_01:32:14	

215_01:37:00	1	DFMS	Flight sequence	ARNS081B	0	0	10	215_01:37:10
215_01:37:10	0	DFMS	Mode	1	0	0	120	215_01:39:10
MWNV 03/08/2015 01:40 - 03/08/2015 02:50								
215_02:50:00	1	DFMS	Mode	222	0	8	23940	215_09:29:00
215_09:29:00	0	DFMS	Mode	562	0	0	1900	215_10:00:40
215_10:00:40	0	DFMS	Mode	564	0	0	1900	215_10:32:20
215_10:32:20	0	DFMS	Mode	562	0	0	1900	215_11:04:00
215_11:04:00	0	DFMS	Mode	564	0	0	1900	215_11:35:40
215_11:40:00	1	DFMS	Flight sequence	ARNS081B	0	0	10	215_11:40:10
215_11:40:10	0	DFMS	Mode	1	0	0	120	215_11:42:10
MWNV 03/08/2015 11:43 - 03/08/2015 12:53								
215_12:53:00	1	DFMS	Mode	522	0	20	3718	215_13:54:58
215_13:54:58	0	DFMS	Mode	522	0	20	3108	215_14:46:46
215_14:46:46	0	DFMS	Mode	522	0	5	888	215_15:01:34
215_15:01:34	0	DFMS	Mode	562	0	0	1900	215_15:33:14
215_15:33:14	0	DFMS	Mode	564	0	0	1900	215_16:04:54
215_16:04:54	0	DFMS	Mode	522	0	7	1184	215_16:24:38
215_16:24:38	0	DFMS	Mode	222	0	0	2580	215_17:07:38
215_17:07:38	0	DFMS	Mode	564	0	0	1900	215_17:39:18
215_17:39:18	0	DFMS	Mode	222	0	0	2580	215_18:22:18
215_18:22:18	0	DFMS	Mode	564	0	0	1900	215_18:53:58
215_18:53:58	0	DFMS	Mode	222	0	2	7740	215_21:02:58
215_21:44:00	1	DFMS	Flight sequence	ARNS081B	0	0	10	215_21:44:10
215_21:44:10	0	DFMS	Mode	1	0	0	120	215_21:46:10

slew + z 70°
Measurement of m100-150 (M564) during the stable stage (70°);
Measurement of m80-100 in between the instable stable stage (<70°-70°);
Measurement of M522 during the instable stage (increase or decrease of the angle)

MWNV 03/08/2015 21:47 - 03/08/2015 22:57									
215_22:57:00	1	COPS	Mode	322	1	0	60	215_22:58:00	
215_22:58:00	1	DFMS	Mode	222	0	9	26520	216_06:20:00	
216_06:20:00	0	DFMS	Mode	262	0	0	2880	216_07:08:00	
216_07:08:00	0	DFMS	Mode	220	0	0	1194	216_07:27:54	
216_07:47:00	1	DFMS	Flight sequence	ARNS081B	0	0	10	216_07:47:10	
216_07:47:10	0	DFMS	Mode	1	0	0	120	216_07:49:10	
MWNV 04/08/2015 07:50 - 04/08/2015 09:00									
216_09:00:00	1	DFMS	Mode	222	0	9	26520	216_16:22:00	
216_16:22:00	0	DFMS	Mode	220	0	1	2388	216_17:01:48	
216_17:01:48	0	DFMS	Mode	260	0	1	1728	216_17:30:36	
216_17:50:00	1	DFMS	Flight sequence	ARNS081B	0	0	10	216_17:50:10	
216_17:50:10	0	DFMS	Mode	1	0	0	120	216_17:52:10	
MWNV 04/08/2015 17:53 - 04/08/2015 19:03									
216_19:03:00	1	COPS	Mode	322	1	0	60	216_19:04:00	
216_19:04:00	1	DFMS	Mode	222	0	3	11040	216_22:08:00	
216_22:08:00	0	DFMS	Mode	564	0	1	3800	216_23:11:20	
216_23:11:20	0	DFMS	Flight sequence	ARNS081B	0	0	10	216_23:11:30	
216_23:11:30	0	DFMS	Mode	1	0	0	120	216_23:13:30	
216_23:13:30	0	DFMS	Flight sequence	ARNF100B	0	0	20	216_23:13:50	Non operational heater ON
216_23:13:50	0	DFMS	Flight sequence	ARNF014B	0	0	125	216_23:15:55	
216_23:20:00	1	COPS	Flight sequence	ARNF016B	0	0	60	216_23:21:00	
216_23:21:00	0	COPS	Flight sequence	ARNF011A	0	0	210	216_23:24:30	
MOCM 04/08/2015 23:25 - 05/08/2015 05:55									

28/07/2015
 STP Start time: 23:25:00
 04/08/2015
 STP End time: 23:25:00

STP068

Start time	Set Time	Instrument	Mode/Sequence	Mode/Sequence number	Cycle number	Repetition	Duration [s]	Stop time
MOCM 04/08/2015 23:25 05/08/2015 05:55								
217_05:55:00	1	COPS	Flight sequence	ARNF015A	0	0	120	217_05:57:00
217_05:57:00	0	COPS	Mode	332	1	0	60	217_05:58:00
217_05:58:00	0	DFMS	Flight sequence	ARNF003A	0	0	120	217_06:00:00
217_06:00:00	0	DFMS	Flight sequence	ARNF100A	0	0	20	217_06:00:20
217_06:00:20	0	DFMS	Mode	215	0	0	1734	217_06:29:14
217_06:25:20	1	COPS	Flight sequence	ARNF016A	0	0	60	217_06:26:20
217_06:29:14	0	DFMS	Mode	245	0	8	10800	217_09:29:14
217_09:29:14	0	DFMS	Flight sequence	ARNS081B	0	0	10	217_09:29:24
217_09:29:24	0	DFMS	Mode	1	0	0	120	217_09:31:24
MWNV 05/08/2015 09:37 05/08/2015 10:47								
217_10:47:00	1	DFMS	Mode	222	0	11	31680	217_19:35:00
217_19:45:00	1	DFMS	Flight sequence	ARNS081B	0	0	10	217_19:45:10
217_19:45:10	0	DFMS	Mode	1	0	0	120	217_19:47:10
MWNV 05/08/2015 19:50 05/08/2015 21:00								
217_21:00:00	1	DFMS	Mode	222	0	11	31680	218_05:48:00
218_05:58:00	1	DFMS	Flight sequence	ARNS081B	0	0	10	218_05:58:10
218_05:58:10	0	DFMS	Mode	1	0	0	120	218_06:00:10
MWNV 06/08/2015 06:03 06/08/2015 07:13								
218_07:13:00	1	DFMS	Mode	222	0	11	31680	218_16:01:00
218_16:10:00	1	DFMS	Flight sequence	ARNS081B	0	0	10	218_16:10:10
218_16:10:10	0	DFMS	Mode	1	0	0	120	218_16:12:10
MWNV 06/08/2015 16:16 06/08/2015 17:26								
218_17:26:00	1	DFMS	Mode	222	0	11	31680	219_02:14:00
219_02:25:00	1	DFMS	Flight sequence	ARNS081B	0	0	10	219_02:25:10
219_02:25:10	0	DFMS	Mode	1	0	0	120	219_02:27:10
MWNV 07/08/2015 02:29 07/08/2015 03:39								
219_03:39:00	1	DFMS	Mode	222	0	11	31680	219_12:27:00
219_12:32:00	1	DFMS	Flight sequence	ARNS081B	0	0	10	219_12:32:10
219_12:32:10	0	DFMS	Mode	1	0	0	120	219_12:34:10

MWNV 07/08/2015 12:42 07/08/2015 13:52									
219_13:52:00	1	DFMS	Mode	222	0	11	31680	219_22:40:00	
219_22:40:00	0	DFMS	Mode	260	0	0	864	219_22:54:24	
219_23:00:00	1	DFMS	Flight sequence	ARNS081B	0	0	10	219_23:00:10	
219_23:00:10	0	DFMS	Mode	1	0	0	120	219_23:02:10	
219_23:02:10	0	DFMS	Flight sequence	ARNF100B	0	0	20	219_23:02:30	
219_23:02:30	0	DFMS	Flight sequence	ARNF014B	0	0	125	219_23:04:35	
219_23:15:35	1	COPS	Flight sequence	ARNF016B	0	0	60	219_23:16:35	
219_23:16:35	0	COPS	Flight sequence	ARNF011A	0	0	210	219_23:20:05	
MOCM 07/08/2015 23:25 08/08/2015 05:55									
220_05:55:00	1	COPS	Flight sequence	ARNF015A	0	0	120	220_05:57:00	
220_05:57:00	0	COPS	Mode	332	1	0	60	220_05:58:00	
220_05:58:00	0	DFMS	Flight sequence	ARNF003A	0	0	120	220_06:00:00	
220_06:00:00	0	DFMS	Flight sequence	ARNF100A	0	0	20	220_06:00:20	
220_06:00:20	0	DFMS	Mode	215	0	1	2328	220_06:39:08	
220_06:30:20	1	COPS	Flight sequence	ARNF016A	0	0	60	220_06:31:20	
220_06:39:08	0	DFMS	Mode	245	0	7	9600	220_09:19:08	
220_09:19:08	0	DFMS	Flight sequence	ARNS081B	0	0	10	220_09:19:18	
220_09:19:18	0	DFMS	Mode	1	0	0	120	220_09:21:18	
MWNV 08/08/2015 09:28 08/08/2015 10:38									
220_10:38:00	1	DFMS	Mode	222	0	11	31680	220_19:26:00	
220_19:28:00	1	DFMS	Flight sequence	ARNS081B	0	0	10	220_19:28:10	
220_19:28:10	0	DFMS	Mode	1	0	0	120	220_19:30:10	
MWNV 08/08/2015 19:31 08/08/2015 20:41									
220_20:41:00	1	DFMS	Mode	245	0	0	1800	220_21:11:00	
220_21:11:00	0	DFMS	Mode	245	0	11	14400	221_01:11:00	
221_01:11:00	0	DFMS	Mode	245	0	11	14400	221_05:11:00	
221_05:15:00	1	DFMS	Flight sequence	ARNS081B	0	0	10	221_05:15:10	
221_05:15:10	0	DFMS	Mode	1	0	0	120	221_05:17:10	
MWNV 09/08/2015 05:34 09/08/2015 06:44									
221_06:44:00	1	DFMS	Mode	245	0	20	25800	221_13:54:00	
221_13:54:00	0	DFMS	Mode	215	0	5	5184	221_15:20:24	
221_15:30:00	1	DFMS	Flight sequence	ARNS081B	0	0	10	221_15:30:10	
221_15:30:10	0	DFMS	Mode	1	0	0	120	221_15:32:10	
MWNV 09/08/2015 15:37 09/08/2015 16:47									

221_16:47:00	1	DFMS	Mode	222	0	11	31680	222_01:35:00
222_01:35:00	0	DFMS	Flight sequence	ARNS081B	0	0	10	222_01:35:10
222_01:35:10	0	DFMS	Mode	1	0	0	120	222_01:37:10
MWNV 10/08/2015 01:40 10/08/2015 02:50								
222_02:50:00	1	DFMS	Mode	222	0	11	31680	222_11:38:00
222_11:38:00	0	DFMS	Flight sequence	ARNS081B	0	0	10	222_11:38:10
222_11:38:10	0	DFMS	Mode	1	0	0	120	222_11:40:10
MWNV 10/08/2015 11:43 10/08/2015 12:53								
222_12:53:00	1	DFMS	Mode	222	0	11	31680	222_21:41:00
222_21:41:00	0	DFMS	Flight sequence	ARNS081B	0	0	10	222_21:41:10
222_21:41:10	0	DFMS	Mode	1	0	0	120	222_21:43:10
MWNV 10/08/2015 21:47 10/08/2015 22:57								
222_22:57:00	1	DFMS	Mode	245	0	20	25800	223_06:07:00
223_06:07:00	0	DFMS	Mode	215	0	5	5184	223_07:33:24
223_07:40:00	1	DFMS	Flight sequence	ARNS081B	0	0	10	223_07:40:10
223_07:40:10	0	DFMS	Mode	1	0	0	120	223_07:42:10
MWNV 11/08/2015 07:50 11/08/2015 09:00								
223_09:00:00	1	DFMS	Mode	222	0	11	31680	223_17:48:00
223_17:48:00	0	DFMS	Flight sequence	ARNS081B	0	0	10	223_17:48:10
223_17:48:10	0	DFMS	Mode	1	0	0	120	223_17:50:10
MWNV 11/08/2015 17:53 11/08/2015 19:03								
223_19:03:00	1	DFMS	Mode	262	0	4	15120	223_23:15:00
223_23:15:00	0	DFMS	Flight sequence	ARNS081B	0	0	10	223_23:15:10
223_23:15:10	0	DFMS	Mode	1	0	0	120	223_23:17:10
223_23:17:10	0	DFMS	Flight sequence	ARNF100B	0	0	20	223_23:17:30
223_23:17:30	0	DFMS	Flight sequence	ARNF014B	0	0	125	223_23:19:35
223_23:19:35	0	COPS	Flight sequence	ARNF016B	0	0	60	223_23:20:35
223_23:20:35	0	COPS	Flight sequence	ARNF011A	0	0	210	223_23:24:05
MOCM 11/08/2015 23:25 12/08/2015 05:55								

STP Start

time: 05/08/2015 05:55:00

STP End time: 11/08/2015 23:25:00

STP069

Start time	Set Time	Instrument	Mode/Sequence	Mode/Sequence number	Cycle number	Repetition	Duration [s]	Stop time			
MOCM 11/08/2015 23:25:00 - 12/08/2015 05:55:00											
224_05:55:00	1	COPS	Flight sequence	ARNF015A	0	0	120	224_05:57:00			
224_05:57:00	0	COPS	Mode	332	1	0	60	224_05:58:00			
224_05:58:00	0	DFMS	Flight sequence	ARNF003A	0	0	120	224_06:00:00			
224_06:00:00	0	DFMS	Flight sequence	ARNF100A	0	0	20	224_06:00:20	Non operational heater off		
224_06:30:00	1	COPS	Flight sequence	ARNF016A	0	0	60	224_06:31:00	COPS Science ON		
224_06:31:00	0	DFMS	Mode	222	0	2	9360	224_09:07:00			
224_09:07:00	0	DFMS	Mode	502	0	0	1280	224_09:28:20			
224_09:32:51	1	DFMS	Flight sequence	ARNS081B	0	0	10	224_09:33:01			
224_09:33:01	0	DFMS	Mode	1	0	0	120	224_09:35:01			
MWNV 12/08/2015 09:37:51 - 12/08/2015 10:47:51											
224_09:43:01	1	RTOF	Flight sequence	ARNF004A	0	0	120	224_09:45:01			
224_09:45:01	0	RTOF	Flight sequence	ARNS041A_RTOF	1	0	60	224_09:46:01			
224_09:46:01	0	RTOF	Mode	51	5	0	3710	224_10:47:51			
224_10:45:51	1	RTOF	Set default voltages according to table below								
	BP	GR	P	R1	R2	RL	RepA	RepB	A1_SS	A2_SS	SL_SS
	-40.0	0.0	-90.0	-53.7	-376.5	-1825.0	-120.0	-120.0	-210.0	-700.0	-1715.0
224_10:47:51	0	RTOF	Mode	521	15	0	4280	224_11:59:11			
224_10:48:51	1	DFMS	Mode	222	0	11	31680	224_19:36:51			
224_12:01:11	1	RTOF	Change voltages temporarily according to table below								
	BP	GR	P	R1	R2	RL	RepA	RepB	A1_SS	A2_SS	SL_SS

224_12:03:11	1	RTOF	Mode	181	2	0	740	224_12:15:31	-210.0	-430.0	-1665.0
--------------	---	------	------	-----	---	---	-----	--------------	--------	--------	---------

Change voltages temporarily according to table below

BP	GR	P	R1	R2	RL	RepA	RepB	A1_SS	A2_SS	SL_SS
-40.0	0.0	-90.0	-53.7	-376.5	-1825.0	-120.0	-120.0	-210.0	-700.0	-1715.0

224_12:18:11	1	RTOF	Mode	181	2	0	680	224_12:29:31			
--------------	---	------	------	-----	---	---	-----	--------------	--	--	--

Change voltages temporarily according to table below

BP	GR	P	R1	R2	RL	RepA	RepB	A1_SS	A2_SS	SL_SS
-40.0	0.0	-90.0	-53.7	-376.5	-1825.0	-105.0	-105.0			

224_12:33:11	1	RTOF	Mode	181	2	0	680	224_12:44:31			
--------------	---	------	------	-----	---	---	-----	--------------	--	--	--

Change voltages temporarily according to table below

BP	GR	P	R1	R2	RL	RepA	RepB	A1_SS	A2_SS	SL_SS
-40.0	0.0	-90.0	-53.7	-376.5	-1825.0	-120.0	-120.0			

224_12:48:11	1	RTOF	Mode	181	2	0	680	224_12:59:31			
--------------	---	------	------	-----	---	---	-----	--------------	--	--	--

Change voltages temporarily according to table below

BP	GR	P	R1	R2	RL	RepA	RepB	A1_SS	A2_SS	SL_SS
-40.0	0.0	-90.0	-53.7	-376.5	-1825.0	-135.0	-135.0			

224_13:03:11	1	RTOF	Mode	181	2	0	680	224_13:14:31			
--------------	---	------	------	-----	---	---	-----	--------------	--	--	--

Change voltages temporarily according to table below

BP	GR	P	R1	R2	RL	RepA	RepB	A1_SS	A2_SS	SL_SS
-40.0	0.0	-90.0	-53.7	-376.5	-1825.0	-150.0	-150.0			

224_13:18:11	1	RTOF	Mode	181	2	0	680	224_13:29:31			
--------------	---	------	------	-----	---	---	-----	--------------	--	--	--

224_13:32:11	1		RTOF	Change voltages temporarily according to table below							
BP	GR	P		R1	R2	RL	RepA	RepB	A1_SS	A2_SS	SL_SS
-40.0	0.0	-90.0		-53.7	-376.5	-1825.0	-165.0	-165.0			
224_13:33:11	1		RTOF	Mode	181	2	0	680	224_13:44:31		
224_13:47:11	1		RTOF	Change voltages temporarily according to table below							
BP	GR	P		R1	R2	RL	RepA	RepB	A1_SS	A2_SS	SL_SS
-40.0	0.0	-90.0		-53.7	-376.5	-1825.0	-180.0	-180.0			
224_13:48:11	1		RTOF	Mode	181	2	0	680	224_13:59:31		
224_14:02:11	1		RTOF	Change voltages temporarily according to table below							
BP	GR	P		R1	R2	RL	RepA	RepB	A1_SS	A2_SS	SL_SS
-40.0	0.0	-90.0		-53.7	-376.5	-1825.0	-195.0	-195.0			
224_14:03:11	1		RTOF	Mode	181	2	0	680	224_14:14:31		
224_14:17:11	1		RTOF	Change voltages temporarily according to table below							
BP	GR	P		R1	R2	RL	RepA	RepB	A1_SS	A2_SS	SL_SS
-40.0	0.0	-90.0		-53.7	-376.5	-1825.0	-120.0	-120.0			
224_14:18:11	1		RTOF	Mode	181	2	0	680	224_14:29:31		
224_14:32:11	1		RTOF	Change voltages temporarily according to table below							
BP	GR	P		R1	R2	RL	RepA	RepB	A1_SS	A2_SS	SL_SS
-45.0	-3.5	-90.0		-53.7	-376.5	-1825.0					
224_14:33:11	1		RTOF	Mode	181	2	0	680	224_14:44:31		

224_14:47:11	1		RTOF	Change voltages temporarily according to table below							
BP	GR	P		R1	R2	RL	RepA	RepB	A1_SS	A2_SS	SL_SS
-45.0	-6.0	-90.0		-53.7	-376.5	-1825.0					
224_14:48:11	1		RTOF	Mode	181	2	0	680	224_14:59:31		
224_15:02:11	1		RTOF	Change voltages temporarily according to table below							
BP	GR	P		R1	R2	RL	RepA	RepB	A1_SS	A2_SS	SL_SS
-42.5	-6.0	-90.0		-53.7	-376.5	-1825.0					
224_15:03:11	1		RTOF	Mode	181	2	0	680	224_15:14:31		
224_15:17:11	1		RTOF	Change voltages temporarily according to table below							
BP	GR	P		R1	R2	RL	RepA	RepB	A1_SS	A2_SS	SL_SS
-42.5	-3.5	-90.0		-53.7	-376.5	-1825.0					
224_15:18:11	1		RTOF	Mode	181	2	0	680	224_15:29:31		
224_15:32:11	1		RTOF	Change voltages temporarily according to table below							
BP	GR	P		R1	R2	RL	RepA	RepB	A1_SS	A2_SS	SL_SS
-42.5	0.0	-90.0		-53.7	-376.5	-1825.0					
224_15:33:11	1		RTOF	Mode	181	2	0	680	224_15:44:31		
224_15:47:11	1		RTOF	Change voltages temporarily according to table below							
BP	GR	P		R1	R2	RL	RepA	RepB	A1_SS	A2_SS	SL_SS
-40.0	0.0	-90.0		-53.7	-376.5	-1825.0					
224_15:48:11	1		RTOF	Mode	181	2	0	680	224_15:59:31		

224_16:02:11	1		RTOF	Change voltages temporarily according to table below							
BP	GR	P	R1	R2	RL	RepA	RepB	A1_SS	A2_SS	SL_SS	
-40.0	-3.5	-90.0	-53.7	-376.5	-1825.0						
224_16:03:11	1		RTOF	Mode	181	2	0	680	224_16:14:31		
224_16:17:11	1		RTOF	Change voltages temporarily according to table below							
BP	GR	P	R1	R2	RL	RepA	RepB	A1_SS	A2_SS	SL_SS	
-40.0	2.5	-90.0	-53.7	-376.5	-1825.0						
224_16:18:11	1		RTOF	Mode	181	2	0	680	224_16:29:31		
224_16:32:11	1		RTOF	Change voltages temporarily according to table below							
BP	GR	P	R1	R2	RL	RepA	RepB	A1_SS	A2_SS	SL_SS	
-37.5	2.5	-90.0	-53.7	-376.5	-1825.0						
224_16:33:11	1		RTOF	Mode	181	2	0	680	224_16:44:31		
224_16:47:11	1		RTOF	Change voltages temporarily according to table below							
BP	GR	P	R1	R2	RL	RepA	RepB	A1_SS	A2_SS	SL_SS	
-37.5	0.0	-90.0	-53.7	-376.5	-1825.0						
224_16:48:11	1		RTOF	Mode	181	2	0	680	224_16:59:31		
224_17:02:11	1		RTOF	Change voltages temporarily according to table below							
BP	GR	P	R1	R2	RL	RepA	RepB	A1_SS	A2_SS	SL_SS	
-37.5	5.0	-90.0	-53.7	-376.5	-1825.0						
224_17:03:11	1		RTOF	Mode	181	2	0	680	224_17:14:31		

224_17:17:11	1		RTOF	Change voltages temporarily according to table below							
BP	GR	P		R1	R2	RL	RepA	RepB	A1_SS	A2_SS	SL_SS
-35.0	5.0	-90.0		-53.7	-376.5	-1825.0					
224_17:18:11	1		RTOF	Mode	181	2	0	680	224_17:29:31		
224_17:32:11	1		RTOF	Change voltages temporarily according to table below							
BP	GR	P		R1	R2	RL	RepA	RepB	A1_SS	A2_SS	SL_SS
-35.0	2.5	-90.0		-53.7	-376.5	-1825.0					
224_17:33:11	1		RTOF	Mode	181	2	0	680	224_17:44:31		
224_17:47:11	1		RTOF	Change voltages temporarily according to table below							
BP	GR	P		R1	R2	RL	RepA	RepB	A1_SS	A2_SS	SL_SS
-35.0	7.5	-90.0		-53.7	-376.5	-1825.0					
224_17:48:11	1		RTOF	Mode	181	2	0	680	224_17:59:31		
224_18:02:11	1		RTOF	Change voltages temporarily according to table below							
BP	GR	P		R1	R2	RL	RepA	RepB	A1_SS	A2_SS	SL_SS
-32.5	7.5	-90.0		-53.7	-376.5	-1825.0					
224_18:03:11	1		RTOF	Mode	181	2	0	680	224_18:14:31		
224_18:17:11	1		RTOF	Change voltages temporarily according to table below							
BP	GR	P		R1	R2	RL	RepA	RepB	A1_SS	A2_SS	SL_SS
-32.5	5.0	-90.0		-53.7	-376.5	-1825.0					
224_18:18:11	1		RTOF	Mode	181	2	0	680	224_18:29:31		

224_18:32:11	1		RTOF	Change voltages temporarily according to table below							
BP	GR	P		R1	R2	RL	RepA	RepB	A1_SS	A2_SS	SL_SS
-40.0	0.0	-80.0		-53.7	-376.5	-1825.0					
224_18:33:11	1		RTOF	Mode	181	2	0	680	224_18:44:31		
224_18:47:11	1		RTOF	Change voltages temporarily according to table below							
BP	GR	P		R1	R2	RL	RepA	RepB	A1_SS	A2_SS	SL_SS
-40.0	0.0	-100.0		-53.7	-376.5	-1825.0					
224_18:48:11	1		RTOF	Mode	181	2	0	680	224_18:59:31		
224_19:02:11	1		RTOF	Change voltages temporarily according to table below							
BP	GR	P		R1	R2	RL	RepA	RepB	A1_SS	A2_SS	SL_SS
-40.0	0.0	-110.0		-53.7	-376.5	-1825.0					
224_19:03:11	1		RTOF	Mode	181	2	0	680	224_19:14:31		
224_19:17:11	1		RTOF	Change voltages temporarily according to table below							
BP	GR	P		R1	R2	RL	RepA	RepB	A1_SS	A2_SS	SL_SS
-40.0	0.0	-120.0		-53.7	-376.5	-1825.0					
224_19:18:11	1		RTOF	Mode	181	2	0	680	224_19:29:31		
224_19:32:11	1		RTOF	Change voltages temporarily according to table below							
BP	GR	P		R1	R2	RL	RepA	RepB	A1_SS	A2_SS	SL_SS
-40.0	0.0	-130.0		-53.7	-376.5	-1825.0					
224_19:33:11	1		RTOF	Mode	181	2	0	680	224_19:44:31		
224_19:44:53	1		ROSINA	Flight sequence	ZRNP2002	0	0	240	224_19:48:53		
MWNV 12/08/2015 19:50:43 - 12/08/2015 21:00:43											

224_19:48:53	0	RTOF	Mode	51	6	0	4310	224_21:00:43			
			Set default voltages according to table below								
224_20:59:43	1	RTOF									
BP	GR	P	R1	R2	RL	RepA	RepB	A1_SS	A2_SS	SL_SS	
-40.0	0.0	-90.0	-53.7	-376.5	-1825.0	-120.0	-120.0	-210.0	-700.0	-1715.0	
224_21:00:43	0	RTOF	Mode	521	15	0	4280	224_22:12:03			
224_21:01:43	1	DFMS	Mode	222	0	11	31680	225_05:49:43			
224_21:02:43	1	COPS	Mode	332	1	0	60	224_21:03:43			
			Change voltages temporarily according to table below								
224_22:15:03	1	RTOF									
BP	GR	P	R1	R2	RL	RepA	RepB	A1_SS	A2_SS	SL_SS	
x	0.0	-90.0	-53.7	-375.0	-1825.0						
224_22:16:03	1	RTOF	Mode	181	2	0	740	224_22:28:23			
			Change voltages temporarily according to table below								
224_22:30:03	1	RTOF									
BP	GR	P	R1	R2	RL	RepA	RepB	A1_SS	A2_SS	SL_SS	
-40.0	0.0	-90.0	-53.7	-376.5	-1825.0						
224_22:31:03	1	RTOF	Mode	181	2	0	680	224_22:42:23			
			Change voltages temporarily according to table below								
224_22:45:03	1	RTOF									
BP	GR	P	R1	R2	RL	RepA	RepB	A1_SS	A2_SS	SL_SS	
-40.0	0.0	-90.0	-53.7	-378.0	-1825.0						
224_22:46:03	1	RTOF	Mode	181	2	0	680	224_22:57:23			
			Change voltages temporarily according to table below								
224_23:00:03	1	RTOF									
BP	GR	P	R1	R2	RL	RepA	RepB	A1_SS	A2_SS	SL_SS	
-40.0	0.0	-90.0	-53.7	-380.0	-1825.0						

224_23:01:03	1	RTOF	Mode	181	2	0	680	224_23:12:23	
Change voltages temporarily according to table below									
224_23:15:03	1	RTOF							
BP	GR	P	R1	R2	RL	RepA	RepB	A1_SS	A2_SS
-40.0	0.0	-90.0	-53.7	-382.0	-1825.0				
224_23:16:03	1	RTOF	Mode	181	2	0	680	224_23:27:23	
Change voltages temporarily according to table below									
224_23:30:03	1	RTOF							
BP	GR	P	R1	R2	RL	RepA	RepB	A1_SS	A2_SS
-40.0	0.0	-90.0	-53.7	-384.0	-1825.0				
224_23:31:03	1	RTOF	Mode	181	2	0	680	224_23:42:23	
Change voltages temporarily according to table below									
224_23:45:03	1	RTOF							
BP	GR	P	R1	R2	RL	RepA	RepB	A1_SS	A2_SS
-40.0	0.0	-90.0	-53.7	-386.0	-1825.0				
224_23:46:03	1	RTOF	Mode	181	2	0	680	224_23:57:23	
Change voltages temporarily according to table below									
225_00:00:03	1	RTOF							
BP	GR	P	R1	R2	RL	RepA	RepB	A1_SS	A2_SS
-40.0	0.0	-90.0	-53.7	-388.0	-1825.0				
225_00:01:03	1	RTOF	Mode	181	2	0	680	225_00:12:23	
Change voltages temporarily according to table below									
225_00:15:03	1	RTOF							
BP	GR	P	R1	R2	RL	RepA	RepB	A1_SS	A2_SS
-40.0	0.0	-90.0	-53.7	-390.0	-1825.0				
225_00:16:03	1	RTOF	Mode	181	2	0	680	225_00:27:23	

225_00:30:03	1		RTOF	Change voltages temporarily according to table below							
BP	GR	P		R1	R2	RL	RepA	RepB	A1_SS	A2_SS	SL_SS
-40.0	0.0	-90.0		-53.7	-376.5	-1825.0					
225_00:31:03	1		RTOF	Mode	181	2	0	680	225_00:42:23		
225_00:45:03	1		RTOF	Change voltages temporarily according to table below							
BP	GR	P		R1	R2	RL	RepA	RepB	A1_SS	A2_SS	SL_SS
-40.0	0.0	-90.0		-53.7	-376.5	-1810.0					
225_00:46:03	1		RTOF	Mode	181	2	0	680	225_00:57:23		
225_01:00:03	1		RTOF	Change voltages temporarily according to table below							
BP	GR	P		R1	R2	RL	RepA	RepB	A1_SS	A2_SS	SL_SS
-40.0	0.0	-90.0		-53.7	-376.5	-1795.0					
225_01:01:03	1		RTOF	Mode	181	2	0	680	225_01:12:23		
225_01:15:03	1		RTOF	Change voltages temporarily according to table below							
BP	GR	P		R1	R2	RL	RepA	RepB	A1_SS	A2_SS	SL_SS
-40.0	0.0	-90.0		-53.7	-376.5	-1780.0					
225_01:16:03	1		RTOF	Mode	181	2	0	680	225_01:27:23		
225_01:30:03	1		RTOF	Change voltages temporarily according to table below							
BP	GR	P		R1	R2	RL	RepA	RepB	A1_SS	A2_SS	SL_SS
-40.0	0.0	-90.0		-53.7	-376.5	-1765.0					
225_01:31:03	1		RTOF	Mode	181	2	0	680	225_01:42:23		

225_01:45:03	1		RTOF	Change voltages temporarily according to table below								
BP	GR	P		R1	R2	RL	RepA	RepB	A1_SS	A2_SS	SL_SS	
-40.0	0.0	-90.0		-53.7	-376.5	-1750.0						
225_01:46:03	1		RTOF	Mode	181	2	0	680	225_01:57:23			
225_02:00:03	1		RTOF	Change voltages temporarily according to table below								
BP	GR	P		R1	R2	RL	RepA	RepB	A1_SS	A2_SS	SL_SS	
-40.0	0.0	-90.0		-53.7	-376.5	-1735.0						
225_02:01:03	1		RTOF	Mode	181	2	0	680	225_02:12:23			
225_02:15:03	1		RTOF	Change voltages temporarily according to table below								
BP	GR	P		R1	R2	RL	RepA	RepB	A1_SS	A2_SS	SL_SS	
-40.0	0.0	-90.0		-53.7	-376.5	-1720.0						
225_02:16:03	1		RTOF	Mode	181	2	0	680	225_02:27:23			
225_02:30:03	1		RTOF	Change voltages temporarily according to table below								
BP	GR	P		R1	R2	RL	RepA	RepB	A1_SS	A2_SS	SL_SS	
-40.0	0.0	-90.0		-53.7	-376.5	-1705.0						
225_02:31:03	1		RTOF	Mode	181	2	0	680	225_02:42:23			
225_02:45:03	1		RTOF	Change voltages temporarily according to table below								
BP	GR	P		R1	R2	RL	RepA	RepB	A1_SS	A2_SS	SL_SS	
-40.0	0.0	-90.0		-48.7	-376.5	-1825.0						
225_02:46:03	1		RTOF	Mode	181	2	0	680	225_02:57:23			

Change voltages temporarily according to table below											
225_03:00:03	1		RTOF								
BP	GR	P		R1	R2	RL	RepA	RepB	A1_SS	A2_SS	SL_SS
-40.0	0.0	-90.0		-49.7	-376.5	-1825.0					
225_03:01:03	1		RTOF	Mode	181	2	0	680	225_03:12:23		
Change voltages temporarily according to table below											
225_03:15:03	1		RTOF								
BP	GR	P		R1	R2	RL	RepA	RepB	A1_SS	A2_SS	SL_SS
-40.0	0.0	-90.0		-50.7	-376.5	-1825.0					
225_03:16:03	1		RTOF	Mode	181	2	0	680	225_03:27:23		
Change voltages temporarily according to table below											
225_03:30:03	1		RTOF								
BP	GR	P		R1	R2	RL	RepA	RepB	A1_SS	A2_SS	SL_SS
-40.0	0.0	-90.0		-51.7	-376.5	-1825.0					
225_03:31:03	1		RTOF	Mode	181	2	0	680	225_03:42:23		
Change voltages temporarily according to table below											
225_03:45:03	1		RTOF								
BP	GR	P		R1	R2	RL	RepA	RepB	A1_SS	A2_SS	SL_SS
-40.0	0.0	-90.0		-52.7	-376.5	-1825.0					
225_03:46:03	1		RTOF	Mode	181	2	0	680	225_03:57:23		
Change voltages temporarily according to table below											
225_04:00:03	1		RTOF								
BP	GR	P		R1	R2	RL	RepA	RepB	A1_SS	A2_SS	SL_SS
-40.0	0.0	-90.0		-53.7	-376.5	-1825.0					
225_04:01:03	1		RTOF	Mode	181	2	0	680	225_04:12:23		

225_04:15:03	1		RTOF	Change voltages temporarily according to table below							
BP	GR	P		R1	R2	RL	RepA	RepB	A1_SS	A2_SS	SL_SS
-40.0	0.0	-90.0		-54.7	-376.5	-1825.0					
225_04:16:03	1		RTOF	Mode	181	2	0	680	225_04:27:23		
225_04:30:03	1		RTOF	Change voltages temporarily according to table below							
BP	GR	P		R1	R2	RL	RepA	RepB	A1_SS	A2_SS	SL_SS
-40.0	0.0	-90.0		-55.7	-376.5	-1825.0					
225_04:31:03	1		RTOF	Mode	181	2	0	680	225_04:42:23		
225_04:45:03	1		RTOF	Change voltages temporarily according to table below							
BP	GR	P		R1	R2	RL	RepA	RepB	A1_SS	A2_SS	SL_SS
-40.0	0.0	-90.0		-56.7	-376.5	-1825.0					
225_04:46:03	1		RTOF	Mode	181	2	0	680	225_04:57:23		
225_05:00:03	1		RTOF	Change voltages temporarily according to table below							
BP	GR	P		R1	R2	RL	RepA	RepB	A1_SS	A2_SS	SL_SS
-40.0	0.0	-90.0		-57.7	-376.5	-1825.0					
225_05:01:03	1		RTOF	Mode	181	2	0	680	225_05:12:23		
225_05:15:03	1		RTOF	Change voltages temporarily according to table below							
BP	GR	P		R1	R2	RL	RepA	RepB	A1_SS	A2_SS	SL_SS
-40.0	0.0	-90.0		-58.7	-376.5	-1825.0					
225_05:16:03	1		RTOF	Mode	181	2	0	680	225_05:27:23		

Set default voltages according to table below											
BP	GR	P	R1	R2	RL	RepA	RepB	A1_SS	A2_SS	SL_SS	
225_05:30:03	1	RTOF									
-40.0	0.0	-90.0	-53.7	-376.5	-1825.0	-120.0	-120.0	-210.0	-700.0	-1715.0	
225_05:31:03	1	RTOF	Mode	521	6	0	1520	225_05:56:23			
225_05:58:34	1	ROSINA	Flight sequence	ZRNP2002	0	0	240	225_06:02:34			
225_06:02:34	0	RTOF	Flight sequence	ARNF014A	0	0	120	225_06:04:34			
MWNV 13/08/2015 06:03:34 - 13/08/2015 07:13:34											
225_07:13:34	1	DFMS	Mode	222	0	11	31680	225_16:01:34			
225_16:11:26	1	DFMS	Flight sequence	ARNS081B	0	0	10	225_16:11:36			
225_16:11:36	0	DFMS	Mode	1	0	0	120	225_16:13:36			
MWNV 13/08/2015 16:16:26 - 13/08/2015 17:26:26											
225_17:26:26	1	DFMS	Mode	222	0	11	31680	226_02:14:26			
225_17:27:26	1	COPS	Mode	332	1	0	60	225_17:28:26			
226_02:24:17	1	DFMS	Flight sequence	ARNS081B	0	0	10	226_02:24:27			
226_02:24:27	0	DFMS	Mode	1	0	0	120	226_02:26:27			
MWNV 14/08/2015 02:29:17 - 14/08/2015 03:39:17											
226_03:39:17	1	DFMS	Mode	222	0	11	31680	226_12:27:17			
226_12:37:09	1	DFMS	Flight sequence	ARNS081B	0	0	10	226_12:37:19			
226_12:37:19	0	DFMS	Mode	1	0	0	120	226_12:39:19			
MWNV 14/08/2015 12:42:09 - 14/08/2015 13:52:09											
226_13:52:09	1	DFMS	Mode	222	0	11	31680	226_22:40:09			
226_13:53:09	1	COPS	Mode	332	1	0	60	226_13:54:09			
226_22:40:09	0	DFMS	Mode	502	0	0	1280	226_23:01:29			
226_23:12:00	1	DFMS	Flight sequence	ARNS081B	0	0	10	226_23:12:10			
226_23:12:10	0	DFMS	Mode	1	0	0	120	226_23:14:10			
226_23:14:10	0	DFMS	Flight sequence	ARNF100B	0	0	20	226_23:14:30	Non operational heater ON		
226_23:14:30	0	DFMS	Flight sequence	ARNF014B	0	0	125	226_23:16:35			
226_23:16:35	0	COPS	Flight sequence	ARNF016B	0	0	60	226_23:17:35			
226_23:17:35	0	COPS	Flight sequence	ARNF011A	0	0	210	226_23:21:05			
MOCM 14/08/2015 23:25:00 - 15/08/2015 05:55:00											

227_05:55:00	1	COPS	Flight sequence	ARNF015A	0	0	120	227_05:57:00
227_05:57:00	0	COPS	Mode	332	1	0	60	227_05:58:00
227_05:58:00	0	DFMS	Flight sequence	ARNF003A	0	0	120	227_06:00:00
227_06:00:00	0	DFMS	Flight sequence	ARNF100A	0	0	20	227_06:00:20
227_06:00:20	0	DFMS	Mode	222	0	3	11040	227_09:04:20
227_06:27:00	1	COPS	Flight sequence	ARNF016A	0	0	60	227_06:28:00
227_09:04:20	0	DFMS	Mode	502	0	0	1280	227_09:25:40
227_09:25:50	1	DFMS	Flight sequence	ARNS081B	0	0	10	227_09:26:00
227_09:26:00	0	DFMS	Mode	1	0	0	120	227_09:28:00
MWNV 15/08/2015 09:28:09 - 15/08/2015 10:38:09								
227_10:38:09	1	DFMS	Mode	222	0	11	31680	227_19:26:09
227_19:26:19	1	DFMS	Flight sequence	ARNS081B	0	0	10	227_19:26:29
227_19:26:29	0	DFMS	Mode	1	0	0	120	227_19:28:29
MWNV 15/08/2015 19:31:19 - 15/08/2015 20:41:19								
227_20:41:19	1	COPS	Mode	332	1	0	60	227_20:42:19
227_20:42:19	1	DFMS	Mode	222	0	11	31680	228_05:30:19
228_05:31:19	1	DFMS	Flight sequence	ARNS081B	0	0	10	228_05:31:29
228_05:31:29	0	DFMS	Mode	1	0	0	120	228_05:33:29
MWNV 16/08/2015 05:34:28 - 16/08/2015 06:44:28								
228_06:44:28	1	DFMS	Mode	222	0	11	31680	228_15:32:28
228_15:33:28	1	DFMS	Flight sequence	ARNS081B	0	0	10	228_15:33:38
228_15:33:38	0	DFMS	Mode	1	0	0	120	228_15:35:38
MWNV 16/08/2015 15:37:38 - 16/08/2015 16:47:38								
228_16:47:38	1	COPS	Mode	332	1	0	60	228_16:48:38
228_16:48:38	1	DFMS	Mode	222	0	11	31680	229_01:36:38
229_01:37:38	1	DFMS	Flight sequence	ARNS081B	0	0	10	229_01:37:48
229_01:37:48	0	DFMS	Mode	1	0	0	120	229_01:39:48
MWNV 17/08/2015 01:40:47 - 17/08/2015 02:50:47								
229_02:50:47	1	DFMS	Mode	222	0	11	31680	229_11:38:47
229_11:39:47	1	DFMS	Flight sequence	ARNS081B	0	0	10	229_11:39:57
229_11:39:57	0	DFMS	Mode	1	0	0	120	229_11:41:57

Non
operational
heater
OFF

COPS
Science
ON

MWNV 17/08/2015 11:43:57 - 17/08/2015 12:53:57									
229_12:53:57	1	COPS	Mode	332	1	0	60	229_12:54:57	
229_12:54:57	1	DFMS	Mode	222	0	11	31680	229_21:42:57	
229_21:43:57	1	DFMS	Flight sequence	ARNS081B	0	0	10	229_21:44:07	
229_21:44:07	0	DFMS	Mode	1	0	0	120	229_21:46:07	
MWNV 17/08/2015 21:47:06 - 17/08/2015 22:57:06									
229_22:57:06	1	DFMS	Mode	222	0	11	31680	230_07:45:06	
230_07:46:16	1	DFMS	Flight sequence	ARNS081B	0	0	10	230_07:46:26	
230_07:46:26	0	DFMS	Mode	1	0	0	120	230_07:48:26	
MWNV 18/08/2015 07:50:16 - 18/08/2015 09:00:16									
230_09:00:16	1	COPS	Mode	332	1	0	60	230_09:01:16	
230_09:01:16	1	DFMS	Mode	222	0	11	31680	230_17:49:16	
230_17:50:16	1	DFMS	Flight sequence	ARNS081B	0	0	10	230_17:50:26	
230_17:50:26	0	DFMS	Mode	1	0	0	120	230_17:52:26	
MWNV 18/08/2015 17:53:25 - 18/08/2015 19:03:25									
230_19:03:25	1	DFMS	Mode	222	0	4	13620	230_22:50:25	
230_22:50:25	0	DFMS	Mode	502	0	0	1280	230_23:11:45	
230_23:12:45	1	DFMS	Flight sequence	ARNS081B	0	0	10	230_23:12:55	
230_23:12:55	0	DFMS	Mode	1	0	0	120	230_23:14:55	
230_23:14:55	0	DFMS	Flight sequence	ARNF100B	0	0	20	230_23:15:15	Non operational heater ON
230_23:15:15	0	DFMS	Flight sequence	ARNF014B	0	0	125	230_23:17:20	
230_23:17:20	0	COPS	Flight sequence	ARNF016B	0	0	60	230_23:18:20	
230_23:18:20	0	COPS	Flight sequence	ARNF011A	0	0	210	230_23:21:50	
MOCM 18/08/2015 23:25:00 - 19/08/2015 05:55:00									

STP Start time: 11/08/2015 23:25:00
 STP End time: 18/08/2015 23:25:00

STP070

Start time	Set Time	Instrument	Mode/Sequence	Mode/Seq number	Cycle number	Repetition	Duration [s]	Stop time
MOCM 18/08/2015 23:25:00 - 19/08/2015 05:55:00								
231_05:55:00	1	COPS	Flight sequence	ARNF015A	0	0	120	231_05:57:00
231_05:57:00	0	COPS	Mode	332	1	0	60	231_05:58:00
231_05:58:00	0	DFMS	Flight sequence	ARNF003A	0	0	120	231_06:00:00
231_06:00:00	0	DFMS	Flight sequence	ARNF100A	0	0	20	231_06:00:20
Non operational heater off								
231_06:00:20	0	DFMS	Mode	215	0	1	2598	231_06:43:38
231_06:30:00	1	COPS	Flight sequence	ARNF016A	0	0	60	231_06:31:00
231_06:43:38	0	DFMS	Mode	245	0	0	1200	231_07:03:38
231_07:03:38	0	DFMS	Mode	215	0	1	1728	231_07:32:26
231_07:32:26	0	DFMS	Mode	245	0	0	1200	231_07:52:26
231_07:52:26	0	DFMS	Mode	215	0	1	1728	231_08:21:14
231_08:21:14	0	DFMS	Mode	245	0	0	1200	231_08:41:14
231_08:41:14	0	DFMS	Mode	215	0	1	1728	231_09:10:02
231_09:10:02	0	DFMS	Mode	245	0	0	1200	231_09:30:02
231_09:32:41	1	DFMS	Flight sequence	ARNS081B	0	0	10	231_09:32:51
231_09:32:51	0	DFMS	Mode	1	0	0	120	231_09:34:51
MWNV 19/08/2015 09:37:51 - 19/08/2015 10:47:51								
231_10:47:51	1	DFMS	Mode	222	0	11	31680	231_19:35:51
231_19:45:33	1	DFMS	Flight sequence	ARNS081B	0	0	10	231_19:45:43
231_19:45:43	0	DFMS	Mode	1	0	0	120	231_19:47:43
MWNV 19/08/2015 19:50:43 - 19/08/2015 21:00:43								
231_21:00:43	1	DFMS	Mode	222	0	4	13620	232_00:47:43
232_00:47:43	0	DFMS	Mode	562	0	0	1900	232_01:19:23
232_01:19:23	0	DFMS	Mode	564	0	0	1900	232_01:51:03
232_01:51:03	0	DFMS	Mode	222	0	4	12900	232_05:26:03
232_05:26:03	0	DFMS	Mode	502	0	0	1280	232_05:47:23
232_05:58:24	1	DFMS	Flight sequence	ARNS081B	0	0	10	232_05:58:34
232_05:58:34	0	DFMS	Mode	1	0	0	120	232_06:00:34
MWNV 20/08/2015 06:03:34 - 20/08/2015 07:13:34								
232_07:13:34	1	DFMS	Mode	222	0	5	16200	232_11:43:34

"Background measurements" for next block (= for the slew)

232_11:43:34	0	DFMS	Mode	502	0	0	1280	232_12:04:54	Slew 0° to +70° Sun +Z panel
232_12:04:54	0	DFMS	Mode	522	0	0	148	232_12:07:22	
232_12:07:22	0	DFMS	Mode	502	0	0	1280	232_12:28:42	
232_12:28:42	0	DFMS	Mode	562	0	0	1900	232_13:00:22	
232_13:00:22	0	DFMS	Mode	564	0	0	1900	232_13:32:02	
232_13:32:02	0	DFMS	Mode	522	0	10	1628	232_13:59:10	
232_13:59:10	0	DFMS	Mode	222	0	2	7740	232_16:08:10	
232_16:11:16	1	DFMS	Flight sequence	ARNS081B	0	0	10	232_16:11:26	
232_16:11:26	0	DFMS	Mode	1	0	0	120	232_16:13:26	
MWNV 20/08/2015 16:16:26 - 20/08/2015 17:26:26									
232_17:26:26	1	DFMS	Mode	222	0	11	31680	233_02:14:26	
233_02:24:07	1	DFMS	Flight sequence	ARNS081B	0	0	10	233_02:24:17	
233_02:24:17	0	DFMS	Mode	1	0	0	120	233_02:26:17	
MWNV 21/08/2015 02:29:17 - 21/08/2015 03:39:17									
233_03:39:17	1	DFMS	Mode	222	0	11	31680	233_12:27:17	
233_12:36:59	1	DFMS	Flight sequence	ARNS081B	0	0	10	233_12:37:09	
233_12:37:09	0	DFMS	Mode	1	0	0	120	233_12:39:09	
MWNV 21/08/2015 12:42:09 - 21/08/2015 13:52:09									
233_13:52:09	1	DFMS	Mode	222	0	11	31680	233_22:40:09	
233_22:40:09	0	DFMS	Mode	502	0	0	1280	233_23:01:29	
233_23:09:50	1	DFMS	Flight sequence	ARNS081B	0	0	10	233_23:10:00	
233_23:10:00	0	DFMS	Mode	1	0	0	120	233_23:12:00	
Non operational heater on									
233_23:12:00	0	DFMS	Flight sequence	ARNF100B	0	0	20	233_23:12:20	
233_23:12:20	0	DFMS	Flight sequence	ARNF014B	0	0	125	233_23:14:25	
233_23:14:25	0	COPS	Flight sequence	ARNF016B	0	0	60	233_23:15:25	
233_23:15:25	0	COPS	Flight sequence	ARNF011A	0	0	210	233_23:18:55	
MOCM 21/08/2015 23:25:00 - 22/08/2015 05:55:00									
234_05:55:00	1	COPS	Flight sequence	ARNF015A	0	0	120	234_05:57:00	
234_05:57:00	0	COPS	Mode	396	1	0	60	234_05:58:00	
234_05:58:00	0	DFMS	Flight sequence	ARNF003A	0	0	120	234_06:00:00	
Non operational heater off									
234_06:00:00	0	DFMS	Flight sequence	ARNF100A	0	0	20	234_06:00:20	
234_06:00:20	0	DFMS	Mode	215	0	1	2328	234_06:39:08	
234_06:39:08	0	DFMS	Mode	245	0	0	1200	234_06:59:08	

234_06:59:08	0	DFMS	Mode	215	0	1	1728	234_07:27:56
234_07:00:00	1	COPS	Flight sequence	ARNF016A	0	0	60	234_07:01:00
234_07:27:56	0	DFMS	Mode	245	0	0	1200	234_07:47:56
234_07:47:56	0	DFMS	Mode	215	0	1	1728	234_08:16:44
234_08:16:44	0	DFMS	Mode	245	0	0	1200	234_08:36:44
234_08:36:44	0	DFMS	Mode	215	0	1	1728	234_09:05:32
234_09:05:32	0	DFMS	Mode	245	0	0	1200	234_09:25:32
234_09:25:59	1	DFMS	Flight sequence	ARNS081B	0	0	10	234_09:26:09
234_09:26:09	0	DFMS	Mode	1	0	0	120	234_09:28:09
MWNV 22/08/2015 09:28:09 - 22/08/2015 10:38:09								
234_10:38:09	1	DFMS	Mode	222	0	11	31680	234_19:26:09
234_19:27:09	1	DFMS	Flight sequence	ARNS081B	0	0	10	234_19:27:19
234_19:27:19	0	DFMS	Mode	1	0	0	120	234_19:29:19
MWNV 22/08/2015 19:31:19 - 22/08/2015 20:41:19								
234_19:37:19	1	RTOF	Flight sequence	ARNF004A	0	0	120	234_19:39:19
234_19:39:19	0	RTOF	Flight sequence	ARNS041A_RTOF	1	0	60	234_19:40:19
234_19:40:19	0	RTOF	Mode	51	5	0	3660	234_20:41:19
234_20:41:19	0	RTOF	Mode	521	15	8	31560	235_05:27:19
234_20:42:19	1	DFMS	Mode	522	0	0	758	234_20:54:57
234_20:54:57	0	DFMS	Mode	562	0	0	1900	234_21:26:37
234_21:26:37	0	DFMS	Mode	522	0	0	148	234_21:29:05
234_21:29:05	0	DFMS	Mode	564	0	0	1900	234_22:00:45
234_22:00:45	0	DFMS	Mode	522	0	0	148	234_22:03:13
234_22:03:13	0	DFMS	Mode	562	0	0	1900	234_22:34:53
234_22:34:53	0	DFMS	Mode	522	0	0	148	234_22:37:21
234_22:37:21	0	DFMS	Mode	564	0	0	1900	234_23:09:01
234_23:09:01	0	DFMS	Mode	522	0	0	148	234_23:11:29
234_23:11:29	0	DFMS	Mode	562	0	0	1900	234_23:43:09
234_23:43:09	0	DFMS	Mode	522	0	0	148	234_23:45:37
234_23:45:37	0	DFMS	Mode	564	0	0	1900	235_00:17:17
235_00:17:17	0	DFMS	Mode	522	0	0	148	235_00:19:45
235_00:19:45	0	DFMS	Mode	562	0	0	1900	235_00:51:25
235_00:51:25	0	DFMS	Mode	522	0	0	148	235_00:53:53
235_00:53:53	0	DFMS	Mode	564	0	0	1900	235_01:25:33
235_01:25:33	0	DFMS	Mode	522	0	0	148	235_01:28:01

(M522
+ M562
+ M522
+ M564)
x 7.5

235_01:28:01	0	DFMS	Mode	562	0	0	1900	235_01:59:41
235_01:59:41	0	DFMS	Mode	522	0	0	148	235_02:02:09
235_02:02:09	0	DFMS	Mode	564	0	0	1900	235_02:33:49
235_02:33:49	0	DFMS	Mode	522	0	0	148	235_02:36:17
235_02:36:17	0	DFMS	Mode	562	0	0	1900	235_03:07:57
235_03:07:57	0	DFMS	Mode	522	0	0	148	235_03:10:25
235_03:10:25	0	DFMS	Mode	564	0	0	1900	235_03:42:05
235_03:42:05	0	DFMS	Mode	522	0	0	148	235_03:44:33
235_03:44:33	0	DFMS	Mode	562	0	0	1900	235_04:16:13
235_04:16:13	0	DFMS	Mode	522	0	0	148	235_04:18:41
235_04:18:41	0	DFMS	Mode	564	0	0	1900	235_04:50:21
235_04:50:21	0	DFMS	Mode	522	0	0	148	235_04:52:49
235_04:52:49	0	DFMS	Mode	562	0	0	1900	235_05:24:29
235_05:24:29	0	DFMS	Mode	522	0	0	148	235_05:26:57
235_05:30:28	1	ROSINA	Flight sequence	ZRNP2002	0	0	240	235_05:34:28
MWNV 23/08/2015 05:34:28 - 23/08/2015 06:44:28								
235_05:42:38	1	RTOF	Mode	51	5	0	3710	235_06:44:28
235_06:44:28	0	RTOF	Mode	521	15	8	31560	235_15:30:28
235_06:44:58	1	DFMS	Mode	222	0	11	31680	235_15:32:58
235_15:33:38	1	ROSINA	Flight sequence	ZRNP2002	0	0	240	235_15:37:38
MWNV 23/08/2015 15:37:38 - 23/08/2015 16:47:38								
235_15:45:48	1	RTOF	Mode	51	5	0	3710	235_16:47:38
235_16:47:38	0	RTOF	Mode	521	15	8	31560	236_01:33:38
235_16:48:08	1	DFMS	Mode	222	0	11	31680	236_01:36:08
236_01:36:47	1	ROSINA	Flight sequence	ZRNP2002	0	0	240	236_01:40:47
MWNV 24/08/2015 01:40:47 - 24/08/2015 02:50:47								
236_01:48:57	1	RTOF	Mode	51	5	0	3710	236_02:50:47
236_02:50:47	0	RTOF	Mode	521	15	8	31560	236_11:36:47
236_02:51:17	1	DFMS	Mode	222	0	11	31680	236_11:39:17
236_11:39:57	1	ROSINA	Flight sequence	ZRNP2002	0	0	240	236_11:43:57
MWNV 24/08/2015 11:43:57 - 24/08/2015 12:53:57								
236_11:52:07	1	RTOF	Mode	51	5	0	3710	236_12:53:57
236_12:53:57	0	RTOF	Mode	521	15	8	31560	236_21:39:57
236_12:54:27	1	DFMS	Mode	222	0	11	31680	236_21:42:27
236_21:43:06	1	ROSINA	Flight sequence	ZRNP2002	0	0	240	236_21:47:06

MWNV 24/08/2015 21:47:06 - 24/08/2015 22:57:06								
236_21:55:16	1	RTOF	Mode	51	5	0	3710	236_22:57:06
236_22:57:06	0	RTOF	Mode	521	15	8	31560	237_07:43:06
236_22:57:36	1	DFMS	Mode	222	0	11	31680	237_07:45:36
237_07:46:16	1	ROSINA	Flight sequence	ZRNP2002	0	0	240	237_07:50:16
MWNV 25/08/2015 07:50:16 - 25/08/2015 09:00:16								
237_07:50:16	0	RTOF	Flight sequence	ARNF014A	0	0	120	237_07:52:16
237_09:00:16	1	DFMS	Mode	222	0	11	31680	237_17:48:16
237_17:49:15	1	DFMS	Flight sequence	ARNS081B	0	0	10	237_17:49:25
237_17:49:25	0	DFMS	Mode	1	0	0	120	237_17:51:25
MWNV 25/08/2015 17:53:25 - 25/08/2015 19:03:25								
237_19:03:25	1	DFMS	Mode	222	0	4	13620	237_22:50:25
237_22:50:25	0	DFMS	Mode	502	0	0	1280	237_23:11:45
237_23:12:00	1	DFMS	Flight sequence	ARNS081B	0	0	10	237_23:12:10
237_23:12:10	0	DFMS	Mode	1	0	0	120	237_23:14:10
237_23:14:10	0	DFMS	Flight sequence	ARNF100B	0	0	20	237_23:14:30
237_23:14:30	0	DFMS	Flight sequence	ARNF014B	0	0	125	237_23:16:35
237_23:16:35	0	COPS	Flight sequence	ARNF016B	0	0	60	237_23:17:35
237_23:17:35	0	COPS	Flight sequence	ARNF011A	0	0	210	237_23:21:05
MOCM 25/08/2015 23:25:00 - 26/08/2015 05:55:00								

18/08/2015
 STP Start time: 23:25:00
 25/08/2015
 STP End time: 23:25:00

STP071

Start time	Set Time	Instrument	Mode/Sequence	Mode/Seq number	Cycle number	Repetition	Duration [s]	Stop time
MOCM 25/08/2015 23:25:00 - 26/08/2015 05:55:00								
238_05:55:00	1	COPS	Flight sequence	ARNF015A	0	0	120	238_05:57:00
238_05:57:00	0	COPS	Mode	396	1	0	60	238_05:58:00

238_05:58:00	0	DFMS	Flight sequence	ARNF003A	0	0	120	238_06:00:00		
									Non operational heater off	
238_06:00:00	0	DFMS	Flight sequence	ARNF100A	0	0	20	238_06:00:20		
238_06:00:20	0	DFMS	Mode	215	0	1	2598	238_06:43:38		
238_06:43:38	0	DFMS	Mode	245	0	0	1200	238_07:03:38		
238_06:55:00	1	COPS	Flight sequence	ARNF016A	0	0	60	238_06:56:00		
238_07:03:38	0	DFMS	Mode	215	0	1	1728	238_07:32:26		
238_07:32:26	0	DFMS	Mode	245	0	0	1200	238_07:52:26		
238_07:52:26	0	DFMS	Mode	215	0	1	1728	238_08:21:14		
238_08:21:14	0	DFMS	Mode	245	0	0	1200	238_08:41:14		
238_08:41:14	0	DFMS	Mode	215	0	1	1728	238_09:10:02		
238_09:10:02	0	DFMS	Mode	245	0	0	1200	238_09:30:02		
238_09:33:00	1	DFMS	Flight sequence	ARNS081B	0	0	10	238_09:33:10		
238_09:33:10	0	DFMS	Mode	1	0	0	120	238_09:35:10		
MWNV 26/08/2015 09:37:51 - 26/08/2015 10:47:51										
238_09:43:51	1	RTOF	Flight sequence	ARNF004A	0	0	120	238_09:45:51		
238_09:45:51	0	RTOF	Flight sequence	ARNS041A_RTOF	1	0	60	238_09:46:51		
238_09:46:51	0	RTOF	Mode	51	5	0	3660	238_10:47:51		
238_09:48:51	1	DFMS	Mode	51	0	0	3600	238_10:48:51		
238_10:47:51	0	RTOF	Mode	521	11	0	3440	238_11:45:11		
238_10:48:51	0	DFMS	Mode	222	0	11	31080	238_19:26:51		
Set default voltages according to table below										
238_11:46:11	1	RTOF								
BP	GR	P	R1	R2	RL	RepA	RepB	A1_SS	A2_SS	SL_SS
-40.0	0.0	-90.0	-53.7	-376.5	-1825.0	-120.0	-120.0	-210.0	-700.0	-1715.0
238_11:47:11	1	RTOF	Mode	181	2	0	740	238_11:59:31		
Change voltages temporarily according to table below										
238_12:01:11	1	RTOF								
BP	GR	P	R1	R2	RL	RepA	RepB	A1_SS	A2_SS	SL_SS
-37.0	3.0	-90.0	-53.7	-376.5	-1825.0	-120.0	-120.0	-210.0	-700.0	-1715.0
238_12:02:11	1	RTOF	Mode	181	2	0	680	238_12:13:31		

238_12:16:11	1		RTOF	Change voltages temporarily according to table below							
BP	GR	P		R1	R2	RL	RepA	RepB	A1_SS	A2_SS	SL_SS
-34.0	6.0	-90.0		-53.7	-376.5	-1825.0	-120.0	-120.0	-210.0	-700.0	-1715.0
238_12:17:11	1		RTOF	Mode	181	2	0	680	238_12:28:31		
238_12:31:11	1		RTOF	Change voltages temporarily according to table below							
BP	GR	P		R1	R2	RL	RepA	RepB	A1_SS	A2_SS	SL_SS
-31.0	9.0	-90.0		-53.7	-376.5	-1825.0	-120.0	-120.0	-210.0	-700.0	-1715.0
238_12:32:11	1		RTOF	Mode	181	2	0	680	238_12:43:31		
238_12:46:11	1		RTOF	Change voltages temporarily according to table below							
BP	GR	P		R1	R2	RL	RepA	RepB	A1_SS	A2_SS	SL_SS
-28.0	12.0	-90.0		-53.7	-376.5	-1825.0	-120.0	-120.0	-210.0	-700.0	-1715.0
238_12:47:11	1		RTOF	Mode	181	2	0	680	238_12:58:31		
238_13:01:11	1		RTOF	Change voltages temporarily according to table below							
BP	GR	P		R1	R2	RL	RepA	RepB	A1_SS	A2_SS	SL_SS
-25.0	15.0	-90.0		-53.7	-376.5	-1825.0	-120.0	-120.0	-210.0	-700.0	-1715.0
238_13:02:11	1		RTOF	Mode	181	2	0	680	238_13:13:31		
238_13:16:11	1		RTOF	Change voltages temporarily according to table below							
BP	GR	P		R1	R2	RL	RepA	RepB	A1_SS	A2_SS	SL_SS
-22.0	18.0	-90.0		-53.7	-376.5	-1825.0	-120.0	-120.0	-210.0	-700.0	-1715.0
238_13:17:11	1		RTOF	Mode	181	2	0	680	238_13:28:31		

238_13:31:11	1	RTOF	Change voltages temporarily according to table below								
BP	GR	P	R1	R2	RL	RepA	RepB	A1_SS	A2_SS	SL_SS	
-19.0	21.0	-90.0	-53.7	-376.5	-1825.0	-120.0	-120.0	-210.0	-700.0	-1715.0	
238_13:32:11	1	RTOF	Mode	181	2	0	680	238_13:43:31			
238_13:46:11	1	RTOF	Change voltages temporarily according to table below								
BP	GR	P	R1	R2	RL	RepA	RepB	A1_SS	A2_SS	SL_SS	
-16.0	24.0	-90.0	-53.7	-376.5	-1825.0	-120.0	-120.0	-210.0	-700.0	-1715.0	
238_13:47:11	1	RTOF	Mode	181	2	0	680	238_13:58:31			
238_14:01:11	1	RTOF	Change voltages temporarily according to table below								
BP	GR	P	R1	R2	RL	RepA	RepB	A1_SS	A2_SS	SL_SS	
-13.0	27.0	-90.0	-53.7	-376.5	-1825.0	-120.0	-120.0	-210.0	-700.0	-1715.0	
238_14:02:11	1	RTOF	Mode	181	2	0	680	238_14:13:31			
238_14:16:11	1	RTOF	Change voltages temporarily according to table below								
BP	GR	P	R1	R2	RL	RepA	RepB	A1_SS	A2_SS	SL_SS	
-10.0	30.0	-90.0	-53.7	-376.5	-1825.0	-120.0	-120.0	-210.0	-700.0	-1715.0	
238_14:17:11	1	RTOF	Mode	181	2	0	680	238_14:28:31			
238_14:31:11	1	RTOF	Change voltages temporarily according to table below								
BP	GR	P	R1	R2	RL	RepA	RepB	A1_SS	A2_SS	SL_SS	
-7.0	33.0	-90.0	-53.7	-376.5	-1825.0	-120.0	-120.0	-210.0	-700.0	-1715.0	
238_14:32:11	1	RTOF	Mode	181	2	0	680	238_14:43:31			

238_14:46:11	1	RTOF	Change voltages temporarily according to table below								
BP	GR	P	R1	R2	RL	RepA	RepB	A1_SS	A2_SS	SL_SS	
-4.0	36.0	-90.0	-53.7	-376.5	-1825.0	-120.0	-120.0	-210.0	-700.0	-1715.0	
238_14:47:11	1	RTOF	Mode	181	2	0	680	238_14:58:31			
238_15:01:11	1	RTOF	Change voltages temporarily according to table below								
BP	GR	P	R1	R2	RL	RepA	RepB	A1_SS	A2_SS	SL_SS	
-1.0	39.0	-90.0	-53.7	-376.5	-1825.0	-120.0	-120.0	-210.0	-700.0	-1715.0	
238_15:02:11	1	RTOF	Mode	181	2	0	680	238_15:13:31			
238_15:16:11	1	RTOF	Change voltages temporarily according to table below								
BP	GR	P	R1	R2	RL	RepA	RepB	A1_SS	A2_SS	SL_SS	
2.0	42.0	-90.0	-53.7	-376.5	-1825.0	-120.0	-120.0	-210.0	-700.0	-1715.0	
238_15:17:11	1	RTOF	Mode	181	2	0	680	238_15:28:31			
238_15:31:11	1	RTOF	Change voltages temporarily according to table below								
BP	GR	P	R1	R2	RL	RepA	RepB	A1_SS	A2_SS	SL_SS	
5.0	45.0	-90.0	-53.7	-376.5	-1825.0	-120.0	-120.0	-210.0	-700.0	-1715.0	
238_15:32:11	1	RTOF	Mode	181	2	0	680	238_15:43:31			
238_15:46:11	1	RTOF	Change voltages temporarily according to table below								
BP	GR	P	R1	R2	RL	RepA	RepB	A1_SS	A2_SS	SL_SS	
-40.0	0.0	-100.0	-53.7	-376.5	-1825.0	-120.0	-120.0	-210.0	-700.0	-1715.0	
238_15:47:11	1	RTOF	Mode	181	2	0	680	238_15:58:31			

238_16:01:11	1	RTOF	Change voltages temporarily according to table below								
BP	GR	P	R1	R2	RL	RepA	RepB	A1_SS	A2_SS	SL_SS	
-37.0	3.0	-100.0	-53.7	-376.5	-1825.0	-120.0	-120.0	-210.0	-700.0	-1715.0	
238_16:02:11	1	RTOF	Mode	181	2	0	680	238_16:13:31			
238_16:16:11	1	RTOF	Change voltages temporarily according to table below								
BP	GR	P	R1	R2	RL	RepA	RepB	A1_SS	A2_SS	SL_SS	
-34.0	6.0	-100.0	-53.7	-376.5	-1825.0	-120.0	-120.0	-210.0	-700.0	-1715.0	
238_16:17:11	1	RTOF	Mode	181	2	0	680	238_16:28:31			
238_16:31:11	1	RTOF	Change voltages temporarily according to table below								
BP	GR	P	R1	R2	RL	RepA	RepB	A1_SS	A2_SS	SL_SS	
-31.0	9.0	-100.0	-53.7	-376.5	-1825.0	-120.0	-120.0	-210.0	-700.0	-1715.0	
238_16:32:11	1	RTOF	Mode	181	2	0	680	238_16:43:31			
238_16:46:11	1	RTOF	Change voltages temporarily according to table below								
BP	GR	P	R1	R2	RL	RepA	RepB	A1_SS	A2_SS	SL_SS	
-28.0	12.0	-100.0	-53.7	-376.5	-1825.0	-120.0	-120.0	-210.0	-700.0	-1715.0	
238_16:47:11	1	RTOF	Mode	181	2	0	680	238_16:58:31			
238_17:01:11	1	RTOF	Change voltages temporarily according to table below								
BP	GR	P	R1	R2	RL	RepA	RepB	A1_SS	A2_SS	SL_SS	
-25.0	15.0	-100.0	-53.7	-376.5	-1825.0	-120.0	-120.0	-210.0	-700.0	-1715.0	
238_17:02:11	1	RTOF	Mode	181	2	0	680	238_17:13:31			

238_17:16:11	1	RTOF	Change voltages temporarily according to table below								
BP	GR	P	R1	R2	RL	RepA	RepB	A1_SS	A2_SS	SL_SS	
-22.0	18.0	-100.0	-53.7	-376.5	-1825.0	-120.0	-120.0	-210.0	-700.0	-1715.0	
238_17:17:11	1	RTOF	Mode	181	2	0	680	238_17:28:31			
238_17:31:11	1	RTOF	Change voltages temporarily according to table below								
BP	GR	P	R1	R2	RL	RepA	RepB	A1_SS	A2_SS	SL_SS	
-19.0	21.0	-100.0	-53.7	-376.5	-1825.0	-120.0	-120.0	-210.0	-700.0	-1715.0	
238_17:32:11	1	RTOF	Mode	181	2	0	680	238_17:43:31			
238_17:46:11	1	RTOF	Change voltages temporarily according to table below								
BP	GR	P	R1	R2	RL	RepA	RepB	A1_SS	A2_SS	SL_SS	
-16.0	24.0	-100.0	-53.7	-376.5	-1825.0	-120.0	-120.0	-210.0	-700.0	-1715.0	
238_17:47:11	1	RTOF	Mode	181	2	0	680	238_17:58:31			
238_18:01:11	1	RTOF	Change voltages temporarily according to table below								
BP	GR	P	R1	R2	RL	RepA	RepB	A1_SS	A2_SS	SL_SS	
-13.0	27.0	-100.0	-53.7	-376.5	-1825.0	-120.0	-120.0	-210.0	-700.0	-1715.0	
238_18:02:11	1	RTOF	Mode	181	2	0	680	238_18:13:31			
238_18:16:11	1	RTOF	Change voltages temporarily according to table below								
BP	GR	P	R1	R2	RL	RepA	RepB	A1_SS	A2_SS	SL_SS	
-10.0	30.0	-100.0	-53.7	-376.5	-1825.0	-120.0	-120.0	-210.0	-700.0	-1715.0	
238_18:17:11	1	RTOF	Mode	181	2	0	680	238_18:28:31			

238_18:31:11	1		RTOF	Change voltages temporarily according to table below							
BP	GR	P		R1	R2	RL	RepA	RepB	A1_SS	A2_SS	SL_SS
-7.0	33.0	-100.0		-53.7	-376.5	-1825.0	-120.0	-120.0	-210.0	-700.0	-1715.0
238_18:32:11	1		RTOF	Mode	181	2	0	680	238_18:43:31		
238_18:46:11	1		RTOF	Change voltages temporarily according to table below							
BP	GR	P		R1	R2	RL	RepA	RepB	A1_SS	A2_SS	SL_SS
-4.0	36.0	-100.0		-53.7	-376.5	-1825.0	-120.0	-120.0	-210.0	-700.0	-1715.0
238_18:47:11	1		RTOF	Mode	181	2	0	680	238_18:58:31		
238_19:01:11	1		RTOF	Change voltages temporarily according to table below							
BP	GR	P		R1	R2	RL	RepA	RepB	A1_SS	A2_SS	SL_SS
-1.0	39.0	-100.0		-53.7	-376.5	-1825.0	-120.0	-120.0	-210.0	-700.0	-1715.0
238_19:02:11	1		RTOF	Mode	181	2	0	680	238_19:13:31		
238_19:16:11	1		RTOF	Change voltages temporarily according to table below							
BP	GR	P		R1	R2	RL	RepA	RepB	A1_SS	A2_SS	SL_SS
2.0	42.0	-100.0		-53.7	-376.5	-1825.0	-120.0	-120.0	-210.0	-700.0	-1715.0
238_19:17:11	1		RTOF	Mode	181	2	0	680	238_19:28:31		
238_19:26:51	0		DFMS	Mode	502	0	0	1280	238_19:48:11		
238_19:31:11	1		RTOF	Change voltages temporarily according to table below							
BP	GR	P		R1	R2	RL	RepA	RepB	A1_SS	A2_SS	SL_SS
5.0	45.0	-100.0		-53.7	-376.5	-1825.0	-120.0	-120.0	-210.0	-700.0	-1715.0
238_19:32:11	1		RTOF	Mode	181	2	0	680	238_19:43:31		
238_19:46:33	1		RTOF	Flight sequence	ARNS081C	0	0	10	238_19:46:43		

238_19:46:43	0	RTOF	Mode	1	0	0	240	238_19:50:43
238_19:48:30	1	DFMS	Flight sequence	ARNS081B	0	0	10	238_19:48:40
238_19:48:40	0	DFMS	Mode	1	0	0	120	238_19:50:40

MWNV 26/08/2015 19:50:43 - 26/08/2015 21:00:43

238_19:52:30	0	RTOF	Flight sequence	ARNF014A	0	0	120	239_06:04:34
238_21:01:43	0	DFMS	Mode	222	0	11	31080	239_05:39:43
238_21:02:43	1	COPS	Mode	396	1	0	60	238_21:03:43
239_05:39:43	0	DFMS	Mode	502	0	0	1280	239_06:01:03
239_06:01:24	1	DFMS	Flight sequence	ARNS081B	0	0	10	239_06:01:34
239_06:01:34	0	DFMS	Mode	1	0	0	120	239_06:03:34

MWNV 27/08/2015 06:03:34 - 27/08/2015 07:13:34

Set default voltages according to table below

239_07:00:00	1	RTOF								
BP	GR	P	R1	R2	RL	RepA	RepB	A1_SS	A2_SS	SL_SS
-40.0	0.0	-90.0	-53.7	-376.5	-1825.0	-120.0	-120.0	-210.0	-700.0	-1715.0

239_07:13:34	0	DFMS	Mode	222	0	11	31080	239_15:51:34
239_15:51:34	0	DFMS	Mode	502	0	0	1280	239_16:12:54
239_16:13:30	1	DFMS	Flight sequence	ARNS081B	0	0	10	239_16:13:40
239_16:13:40	0	DFMS	Mode	1	0	0	120	239_16:15:40

MWNV 27/08/2015 16:16:26 - 27/08/2015 17:26:26

239_17:26:26	1	COPS	Mode	396	1	0	60	239_17:27:26
239_17:27:26	1	DFMS	Sequence	28	0	0	3140	239_18:19:46
239_18:19:46	0	DFMS	Mode	562	0	0	1900	239_18:51:26
239_18:51:26	0	DFMS	Mode	564	0	0	1900	239_19:23:06
239_19:23:06	0	DFMS	Sequence	28	0	0	3140	239_20:15:26
239_20:15:26	0	DFMS	Mode	562	0	0	1900	239_20:47:06
239_20:47:06	0	DFMS	Mode	564	0	0	1900	239_21:18:46
239_21:18:46	0	DFMS	Sequence	28	0	0	3140	239_22:11:06
239_22:11:06	0	DFMS	Mode	562	0	0	1900	239_22:42:46
239_22:42:46	0	DFMS	Mode	564	0	0	1900	239_23:14:26
239_23:14:26	0	DFMS	Sequence	28	0	0	3140	240_00:06:46
240_00:06:46	0	DFMS	Mode	562	0	0	1900	240_00:38:26
240_00:38:26	0	DFMS	Mode	564	0	0	1900	240_01:10:06

240_01:10:06	0	DFMS	Sequence	28	0	0	3140	240_02:02:26	
240_02:24:00	1	DFMS	Flight sequence	ARNS081B	0	0	10	240_02:24:10	
240_02:24:10	0	DFMS	Mode	1	0	0	120	240_02:26:10	
MWNV 28/08/2015 02:29:17 - 28/08/2015 03:39:17									
240_03:39:17	0	DFMS	Mode	222	0	11	31080	240_12:17:17	
240_12:17:17	0	DFMS	Mode	502	0	0	1280	240_12:38:37	
240_12:39:00	1	DFMS	Flight sequence	ARNS081B	0	0	10	240_12:39:10	
240_12:39:10	0	DFMS	Mode	1	0	0	120	240_12:41:10	
MWNV 28/08/2015 12:42:09 - 28/08/2015 13:52:09									
240_13:52:09	0	DFMS	Mode	222	0	11	31080	240_22:30:09	
240_22:30:09	0	DFMS	Mode	222	0	0	2580	240_23:13:09	
240_23:15:00	1	DFMS	Flight sequence	ARNS081B	0	0	10	240_23:15:10	
240_23:15:10	0	DFMS	Mode	1	0	0	120	240_23:17:10	
240_23:17:10	0	DFMS	Flight sequence	ARNF100B	0	0	20	240_23:17:30	Non operational heater on
240_23:17:30	0	DFMS	Flight sequence	ARNF014B	0	0	125	240_23:19:35	
240_23:19:35	0	COPS	Flight sequence	ARNF016B	0	0	60	240_23:20:35	
240_23:20:35	0	COPS	Flight sequence	ARNF011A	0	0	210	240_23:24:05	
MOCM 28/08/2015 23:25:00 - 29/08/2015 05:55:00									
241_05:55:00	1	COPS	Flight sequence	ARNF015A	0	0	120	241_05:57:00	
241_05:57:00	0	COPS	Mode	396	1	0	60	241_05:58:00	
241_05:58:00	0	DFMS	Flight sequence	ARNF003A	0	0	120	241_06:00:00	
241_06:00:00	0	DFMS	Flight sequence	ARNF100A	0	0	20	241_06:00:20	Non operational heater off
241_06:00:20	0	DFMS	Mode	215	0	1	2328	241_06:39:08	
241_06:39:08	0	DFMS	Mode	245	0	0	1200	241_06:59:08	
241_06:59:08	0	DFMS	Mode	215	0	1	1728	241_07:27:56	
241_07:00:00	1	COPS	Flight sequence	ARNF016A	0	0	60	241_07:01:00	
241_07:27:56	0	DFMS	Mode	245	0	0	1200	241_07:47:56	
241_07:47:56	0	DFMS	Mode	215	0	1	1728	241_08:16:44	
241_08:16:44	0	DFMS	Mode	245	0	0	1200	241_08:36:44	
241_08:36:44	0	DFMS	Mode	215	0	1	1728	241_09:05:32	
241_09:05:32	0	DFMS	Mode	245	0	0	1200	241_09:25:32	

241_09:25:55	1	DFMS	Flight sequence	ARNS081B	0	0	10	241_09:26:05
241_09:26:05	0	DFMS	Mode	1	0	0	120	241_09:28:05
MWNV 29/08/2015 09:28:09 - 29/08/2015 10:38:09								
241_09:34:09	1	RTOF	Flight sequence	ARNF004A	0	0	120	241_09:36:09
241_09:36:09	0	RTOF	Flight sequence	ARNS041A_RTOF	1	0	60	241_09:37:09
241_09:37:09	0	RTOF	Mode	51	5	0	3660	241_10:38:09
241_09:39:09	1	DFMS	Mode	51	0	0	3600	241_10:39:09
241_10:38:09	0	RTOF	Mode	521	15	7	28150	241_18:27:19
241_10:39:09	0	DFMS	Mode	222	0	11	31080	241_19:17:09
241_18:27:19	0	RTOF	Mode	521	12	0	2780	241_19:13:39
241_19:13:39	0	RTOF	Mode	181	2	0	740	241_19:25:59
241_19:27:00	1	ROSINA	Flight sequence	ZRNP2002	0	0	240	241_19:31:00
MWNV 29/08/2015 19:31:19 - 29/08/2015 20:41:19								
241_19:41:19	1	RTOF	Mode	51	5	0	3660	241_20:42:19
241_20:41:19	1	COPS	Mode	396	1	0	60	241_20:42:19
241_20:42:19	0	RTOF	Mode	521	15	8	31560	242_05:28:19
241_20:43:19	0	DFMS	Mode	222	0	11	31080	242_05:21:19
242_05:28:28	1	ROSINA	Flight sequence	ZRNP2002	0	0	240	242_05:32:28
242_05:32:28	0	RTOF	Flight sequence	ARNF014A	0	0	120	242_05:34:28
MWNV 30/08/2015 05:34:28 - 30/08/2015 06:44:28								
242_06:44:28	0	DFMS	Mode	222	0	11	31080	242_15:22:28
242_15:35:28	1	DFMS	Flight sequence	ARNS081B	0	0	10	242_15:35:38
242_15:35:38	0	DFMS	Mode	1	0	0	120	242_15:37:38
MWNV 30/08/2015 15:37:38 - 30/08/2015 16:47:38								
242_16:47:38	1	COPS	Mode	396	1	0	60	242_16:48:38
242_16:48:38	0	DFMS	Mode	222	0	11	31080	243_01:26:38
243_01:37:47	1	DFMS	Flight sequence	ARNS081B	0	0	10	243_01:37:57
243_01:37:57	0	DFMS	Mode	1	0	0	120	243_01:39:57
MWNV 31/08/2015 01:40:47 - 31/08/2015 02:50:47								
243_02:50:47	0	DFMS	Mode	222	0	11	31080	243_11:28:47
243_11:40:57	1	DFMS	Flight sequence	ARNS081B	0	0	10	243_11:41:07
243_11:41:07	0	DFMS	Mode	1	0	0	120	243_11:43:07
MWNV 31/08/2015 11:43:57 - 31/08/2015 12:53:57								
243_12:53:57	0	DFMS	Mode	222	0	11	31080	243_21:31:57
243_12:54:57	1	COPS	Mode	396	1	0	60	243_12:55:57

243_21:44:06	1	DFMS	Flight sequence	ARNS081B	0	0	10	243_21:44:16	
243_21:44:16	0	DFMS	Mode	1	0	0	120	243_21:46:16	
MWNV 31/08/2015 21:47:06 - 31/08/2015 22:57:06									
243_22:57:06	0	DFMS	Mode	222	0	11	31080	244_07:35:06	
244_07:47:16	1	DFMS	Flight sequence	ARNS081B	0	0	10	244_07:47:26	
244_07:47:26	0	DFMS	Mode	1	0	0	120	244_07:49:26	
MWNV 01/09/2015 07:50:16 - 01/09/2015 09:00:16									
244_09:00:16	1	COPS	Mode	396	1	0	60	244_09:01:16	
244_09:01:16	0	DFMS	Mode	222	0	11	31080	244_17:39:16	
244_17:50:25	1	DFMS	Flight sequence	ARNS081B	0	0	10	244_17:50:35	
244_17:50:35	0	DFMS	Mode	1	0	0	120	244_17:52:35	
MWNV 01/09/2015 17:53:25 - 01/09/2015 19:03:25									
244_19:03:25	0	DFMS	Mode	222	0	4	13020	244_22:40:25	
244_22:40:25	0	DFMS	Mode	502	0	0	1280	244_23:01:45	
244_23:15:00	1	DFMS	Flight sequence	ARNS081B	0	0	10	244_23:15:10	
244_23:15:10	0	DFMS	Mode	1	0	0	120	244_23:17:10	
Non operational heater on									
244_23:17:10	0	DFMS	Flight sequence	ARNF100B	0	0	20	244_23:17:30	
244_23:17:30	0	DFMS	Flight sequence	ARNF014B	0	0	125	244_23:19:35	
244_23:19:35	0	COPS	Flight sequence	ARNF016B	0	0	60	244_23:20:35	
244_23:20:35	0	COPS	Flight sequence	ARNF011A	0	0	210	244_23:24:05	
MOCM 01/09/2015 23:25:00 - 02/09/2015 05:55:00									

25/08/2015
 STP Start time: 23:25:00
 01/09/2015
 STP End time: 23:25:00

STP072

Start time	Set Time	Instrument	Mode/Sequ	Mode/Seq number	Cycle number	Repetition	Duration [s]	Stop time
------------	----------	------------	-----------	-----------------	--------------	------------	--------------	-----------

MOCM 01.09.2015 23:25:00 - 02.09.2015 05:55:00

245_05:55:00	1	COPS	Flight sequence	ARNF015A	0	0	120	245_05:57:00		
245_05:57:00	0	COPS	Mode	396	1	0	60	245_05:58:00		
245_05:58:00	0	DFMS	Flight sequence	ARNF003A	0	0	120	245_06:00:00		
245_06:00:00	0	DFMS	Flight sequence	ARNF100A	0	0	20	245_06:00:20	Non operational heater off	
245_06:00:20	0	DFMS	Mode	215	0	1	2598	245_06:43:38		
245_06:43:38	0	DFMS	Mode	245	0	0	1200	245_07:03:38		
245_06:55:00	1	COPS	Flight sequence	ARNF016A	0	0	60	245_06:56:00		
245_07:03:38	0	DFMS	Mode	215	0	1	1728	245_07:32:26		
245_07:32:26	0	DFMS	Mode	245	0	0	1200	245_07:52:26		
245_07:52:26	0	DFMS	Mode	215	0	1	1728	245_08:21:14		
245_08:21:14	0	DFMS	Mode	245	0	0	1200	245_08:41:14		
245_08:41:14	0	DFMS	Mode	215	0	1	1728	245_09:10:02		
245_09:10:02	0	DFMS	Mode	245	0	0	1200	245_09:30:02		
245_09:33:00	1	DFMS	Flight sequence	ARNS081B	0	0	10	245_09:33:10		
245_09:33:10	0	DFMS	Mode	1	0	0	120	245_09:35:10		
MWNV 02.09.2015 09:37:51 - 02.09.2015 10:47:51										
245_09:44:51	1	RTOF	Flight sequence	ARNF004A	0	0	120	245_09:46:51		
245_09:46:51	0	RTOF	Flight sequence	ARNS041A_RTOF	1	0	60	245_09:47:51		
245_09:47:51	0	RTOF	Mode	51	5	0	3660	245_10:48:51		
245_10:47:51	1	DFMS	Mode	222	0	11	31680	245_19:35:51		
245_10:48:51	0	RTOF	Mode	521	11	5	16290	245_15:20:21		
245_15:28:00	1	RTOF	Flight sequence	ARNS081C	0	0	10	245_15:28:40		
245_15:30:00	1	RTOF	Mode	181	2	0	740	245_15:42:20		
BP	GR	P	R1	R2	RL	RepA	RepB	A1_SS	A2_SS	SL_SS
-40	0	-90	-53.7	-376.5	-1825	-120	-120	-210	-700	-1715
245_15:44:00	1	RTOF	Change voltages temporarily according to table below							1
BP	GR	P	R1	R2	RL	RepA	RepB	A1_SS	A2_SS	SL_SS

= added manually in the .itl

	-40	0	-110	-53.7	-376.5	-1825	-120	-120	-210	-700	-1715
245_15:45:00	1		RTOF	Mode	181	2	0	680	245_15:56:20		
	Change voltages temporarily according to table below										2
245_15:59:00	1		RTOF								
	BP	GR	P	R1	R2	RL	RepA	RepB	A1_SS	A2_SS	SL_SS
	-37	3	-110	-53.7	-376.5	-1825	-120	-120	-210	-700	-1715
245_16:00:00	1		RTOF	Mode	181	2	0	680	245_16:11:20		
	Change voltages temporarily according to table below										3
245_16:14:00	1		RTOF								
	BP	GR	P	R1	R2	RL	RepA	RepB	A1_SS	A2_SS	SL_SS
	-34	6	-110	-53.7	-376.5	-1825	-120	-120	-210	-700	-1715
245_16:15:00	1		RTOF	Mode	181	2	0	680	245_16:26:20		
	Change voltages temporarily according to table below										4
245_16:29:00	1		RTOF								
	BP	GR	P	R1	R2	RL	RepA	RepB	A1_SS	A2_SS	SL_SS
	-31	9	-110	-53.7	-376.5	-1825	-120	-120	-210	-700	-1715
245_16:30:00	1		RTOF	Mode	181	2	0	680	245_16:41:20		
	Change voltages temporarily according to table below										5
245_16:44:00	1		RTOF								
	BP	GR	P	R1	R2	RL	RepA	RepB	A1_SS	A2_SS	SL_SS
	-28	12	-110	-53.7	-376.5	-1825	-120	-120	-210	-700	-1715
245_17:00:00	1		RTOF	Mode	181	2	0	680	245_17:11:20		
	Change voltages temporarily according to table below										7
245_17:14:00	1		RTOF								
	BP	GR	P	R1	R2	RL	RepA	RepB	A1_SS	A2_SS	SL_SS
	-22	18	-110	-53.7	-376.5	-1825	-120	-120	-210	-700	-1715
245_17:15:00	1		RTOF	Mode	181	2	0	680	245_17:26:20		

245_17:29:00	1		RTOF	Change voltages temporarily according to table below								8
BP	GR	P		R1	R2	RL	RepA	RepB	A1_SS	A2_SS	SL_SS	
-19	21	-110		-53.7	-376.5	-1825	-120	-120	-210	-700	-1715	
245_17:30:00	1		RTOF	Mode	181	2	0	680	245_17:41:20			
245_17:44:00	1		RTOF	Change voltages temporarily according to table below								9
BP	GR	P		R1	R2	RL	RepA	RepB	A1_SS	A2_SS	SL_SS	
-16	24	-110		-53.7	-376.5	-1825	-120	-120	-210	-700	-1715	
245_18:00:00	1		RTOF	Mode	181	2	0	680	245_18:11:20			
245_18:14:00	1		RTOF	Change voltages temporarily according to table below								11
BP	GR	P		R1	R2	RL	RepA	RepB	A1_SS	A2_SS	SL_SS	
-10	30	-110		-53.7	-376.5	-1825	-120	-120	-210	-700	-1715	
245_18:30:00	1		RTOF	Mode	181	2	0	680	245_18:41:20			
245_18:44:00	1		RTOF	Change voltages temporarily according to table below								13
BP	GR	P		R1	R2	RL	RepA	RepB	A1_SS	A2_SS	SL_SS	
-4	36	-110		-53.7	-376.5	-1825	-120	-120	-210	-700	-1715	
245_19:00:00	1		RTOF	Mode	181	2	0	680	245_19:11:20			
245_19:14:00	1		RTOF	Change voltages temporarily according to table below								15
BP	GR	P		R1	R2	RL	RepA	RepB	A1_SS	A2_SS	SL_SS	
2	42	-110		-53.7	-376.5	-1825	-120	-120	-210	-700	-1715	
245_19:15:00	1		RTOF	Mode	181	2	0	680	245_19:26:20			

Change voltages temporarily according to table below											16
BP	GR	P	R1	R2	RL	RepA	RepB	A1_SS	A2_SS	SL_SS	
245_19:29:00	1	RTOF									
5	45	-110	-53.7	-376.5	-1825	-120	-120	-210	-700	-1715	
245_19:30:00	1	RTOF	Mode	181	2	0	680	245_19:41:20			
245_19:45:00	1	DFMS	Flight sequence	ARNS081B	0	0	10	245_19:45:10			
245_19:45:10	0	DFMS	Mode	1	0	0	120	245_19:47:10			
245_19:46:33	1	RTOF	Flight sequence	ARNS081C	0	0	10	245_19:46:43			
245_19:46:43	1	RTOF	Mode	1	0	0	240	245_19:50:43			
MWNV 02.09.2015 19:50:43 - 02.09.2015 21:00:43											
245_19:52:43	1	RTOF	Flight sequence	ARNF014A	0	0	120	245_19:54:43			
Set default voltages according to table on the right											17
BP	GR	P	R1	R2	RL	RepA	RepB	A1_SS	A2_SS	SL_SS	
-40	0	-90	-53.7	-376.5	-1825	-120	-120	-210	-700	-1715	
245_21:00:43	1	COPS	Mode	396	1	0	60	245_21:01:43			
245_21:01:43	1	DFMS	Mode	222	0	10	29100	246_05:06:43			
246_05:06:43	0	DFMS	Mode	564	0	0	1900	246_05:38:23			
246_05:38:23	0	DFMS	Mode	502	0	0	1280	246_05:59:43			
246_06:00:00	1	DFMS	Flight sequence	ARNS081B	0	0	10	246_06:00:10			
246_06:00:10	0	DFMS	Mode	1	0	0	120	246_06:02:10			
MWNV 03.09.2015 06:03:34 - 03.09.2015 07:13:34											
246_06:10:34	1	RTOF	Flight sequence	ARNF004A	0	0	120	246_06:12:34			
246_06:12:34	0	RTOF	Flight sequence	ARNS041A_RTOF	1	0	60	246_06:13:34			
246_06:13:34	0	RTOF	Mode	51	5	0	3660	246_07:14:34			
246_07:13:34	1	DFMS	Mode	222	0	11	31680	246_16:01:34			
246_07:14:34	0	RTOF	Mode	521	11	5	16290	246_11:46:04			
246_11:53:00	1	RTOF	Flight sequence	ARNS081C	0	0	10	246_11:53:40			
246_11:55:00	1	RTOF	Mode	181	2	0	740	246_12:07:20		0	
BP	GR	P	R1	R2	RL	RepA	RepB	A1_SS	A2_SS	SL_SS	

	-40	0	-90	-53.7	-376.5	-1825	-120	-120	-210	-700	-1715
246_12:09:00	1		RTOF	Change voltages temporarily according to table below							17
	BP	GR	P	R1	R2	RL	RepA	RepB	A1_SS	A2_SS	SL_SS
	-40	0	-120	-53.7	-376.5	-1825	-120	-120	-210	-700	-1715
246_12:10:00	1		RTOF	Mode	181	2	0	680	246_12:21:20		
246_12:24:00	1		RTOF	Change voltages temporarily according to table below							18
	BP	GR	P	R1	R2	RL	RepA	RepB	A1_SS	A2_SS	SL_SS
	-37	3	-120	-53.7	-376.5	-1825	-120	-120	-210	-700	-1715
246_12:25:00	1		RTOF	Mode	181	2	0	680	246_12:36:20		
246_12:39:00	1		RTOF	Change voltages temporarily according to table below							19
	BP	GR	P	R1	R2	RL	RepA	RepB	A1_SS	A2_SS	SL_SS
	-34	6	-120	-53.7	-376.5	-1825	-120	-120	-210	-700	-1715
246_12:40:00	1		RTOF	Mode	181	2	0	680	246_12:51:20		
246_12:54:00	1		RTOF	Change voltages temporarily according to table below							20
	BP	GR	P	R1	R2	RL	RepA	RepB	A1_SS	A2_SS	SL_SS
	-31	9	-120	-53.7	-376.5	-1825	-120	-120	-210	-700	-1715
246_12:55:00	1		RTOF	Mode	181	2	0	680	246_13:06:20		
246_13:09:00	1		RTOF	Change voltages temporarily according to table below							21
	BP	GR	P	R1	R2	RL	RepA	RepB	A1_SS	A2_SS	SL_SS
	-28	12	-120	-53.7	-376.5	-1825	-120	-120	-210	-700	-1715
246_13:10:00	1		RTOF	Mode	181	2	0	680	246_13:21:20		

246_13:24:00	1		RTOF	Change voltages temporarily according to table below								22
BP	GR	P		R1	R2	RL	RepA	RepB	A1_SS	A2_SS	SL_SS	
-25	15	-120		-53.7	-376.5	-1825	-120	-120	-210	-700	-1715	
246_13:25:00	1		RTOF	Mode	181	2	0	680	246_13:36:20			
246_13:39:00	1		RTOF	Change voltages temporarily according to table below								23
BP	GR	P		R1	R2	RL	RepA	RepB	A1_SS	A2_SS	SL_SS	
-22	18	-120		-53.7	-376.5	-1825	-120	-120	-210	-700	-1715	
246_13:40:00	1		RTOF	Mode	181	2	0	680	246_13:51:20			
246_13:54:00	1		RTOF	Change voltages temporarily according to table below								24
BP	GR	P		R1	R2	RL	RepA	RepB	A1_SS	A2_SS	SL_SS	
-19	21	-120		-53.7	-376.5	-1825	-120	-120	-210	-700	-1715	
246_13:55:00	1		RTOF	Mode	181	2	0	680	246_14:06:20			
246_14:09:00	1		RTOF	Change voltages temporarily according to table below								25
BP	GR	P		R1	R2	RL	RepA	RepB	A1_SS	A2_SS	SL_SS	
-16	24	-120		-53.7	-376.5	-1825	-120	-120	-210	-700	-1715	
246_14:10:00	1		RTOF	Mode	181	2	0	680	246_14:21:20			
246_14:24:00	1		RTOF	Change voltages temporarily according to table below								26
BP	GR	P		R1	R2	RL	RepA	RepB	A1_SS	A2_SS	SL_SS	
-13	27	-120		-53.7	-376.5	-1825	-120	-120	-210	-700	-1715	
246_14:25:00	1		RTOF	Mode	181	2	0	680	246_14:36:20			

246_14:39:00	1		RTOF	Change voltages temporarily according to table below								27
BP	GR	P		R1	R2	RL	RepA	RepB	A1_SS	A2_SS	SL_SS	
-10	30	-120		-53.7	-376.5	-1825	-120	-120	-210	-700	-1715	
246_14:40:00	1		RTOF	Mode	181	2	0	680	246_14:51:20			
246_14:54:00	1		RTOF	Change voltages temporarily according to table below								28
BP	GR	P		R1	R2	RL	RepA	RepB	A1_SS	A2_SS	SL_SS	
-7	33	-120		-53.7	-376.5	-1825	-120	-120	-210	-700	-1715	
246_14:55:00	1		RTOF	Mode	181	2	0	680	246_15:06:20			
246_15:09:00	1		RTOF	Change voltages temporarily according to table below								29
BP	GR	P		R1	R2	RL	RepA	RepB	A1_SS	A2_SS	SL_SS	
-4	36	-120		-53.7	-376.5	-1825	-120	-120	-210	-700	-1715	
246_15:10:00	1		RTOF	Mode	181	2	0	680	246_15:21:20			
246_15:24:00	1		RTOF	Change voltages temporarily according to table below								30
BP	GR	P		R1	R2	RL	RepA	RepB	A1_SS	A2_SS	SL_SS	
-1	39	-120		-53.7	-376.5	-1825	-120	-120	-210	-700	-1715	
246_15:25:00	1		RTOF	Mode	181	2	0	680	246_15:36:20			
246_15:39:00	1		RTOF	Change voltages temporarily according to table below								31
BP	GR	P		R1	R2	RL	RepA	RepB	A1_SS	A2_SS	SL_SS	
2	42	-120		-53.7	-376.5	-1825	-120	-120	-210	-700	-1715	
246_15:40:00	1		RTOF	Mode	181	2	0	680	246_15:51:20			

Change voltages temporarily according to table below										
BP	GR	P	R1	R2	RL	RepA	RepB	A1_SS	A2_SS	SL_SS
246_15:54:00	1	RTOF								
5	45	-120	-53.7	-376.5	-1825	-120	-120	-210	-700	-1715
246_15:55:00	1	RTOF	Mode	181	2	0	680	246_16:06:20		
246_16:11:00	1	DFMS	Flight sequence	ARNS081B	0	0	10	246_16:11:10		
246_16:11:10	0	DFMS	Mode	1	0	0	120	246_16:13:10		
246_16:12:16	1	RTOF	Flight sequence	ARNS081C	0	0	10	246_16:12:26		
246_16:12:26	1	RTOF	Mode	1	0	0	240	246_16:16:26		
MWNV 03.09.2015 16:16:26 - 03.09.2015 17:26:26										
246_16:16:26	0	RTOF	Flight sequence	ARNF014A	0	0	120	246_16:18:26		
Set default voltages according to table on the right										
BP	GR	P	R1	R2	RL	RepA	RepB	A1_SS	A2_SS	SL_SS
-40	0	-90	-53.7	-376.5	-1825	-120	-120	-210	-700	-1715
246_17:26:26	1	COPS	Mode	396	1	0	60	246_17:27:26		
246_17:27:26	1	DFMS	Mode	222	0	10	29100	247_01:32:26		
247_01:32:26	0	DFMS	Mode	564	0	0	1900	247_02:04:06		
247_02:04:06	0	DFMS	Mode	502	0	0	1280	247_02:25:26		
247_02:25:30	1	DFMS	Flight sequence	ARNS081B	0	0	10	247_02:25:40		
247_02:25:40	0	DFMS	Mode	1	0	0	120	247_02:27:40		
MWNV 04.09.2015 02:29:17 - 04.09.2015 03:39:17										
247_03:39:17	1	DFMS	Mode	222	0	11	31680	247_12:27:17		
247_12:37:00	1	DFMS	Flight sequence	ARNS081B	0	0	10	247_12:37:10		
247_12:37:10	0	DFMS	Mode	1	0	0	120	247_12:39:10		
MWNV 04.09.2015 12:42:09 - 04.09.2015 13:52:09										
247_13:52:09	1	DFMS	Mode	222	0	8	23940	247_20:31:09		
247_20:31:09	0	DFMS	Mode	564	0	0	1900	247_21:02:49		
247_21:02:49	0	DFMS	Mode	562	0	0	1900	247_21:34:29		
247_21:34:29	0	DFMS	Mode	564	0	0	1900	247_22:06:09		
247_22:06:09	0	DFMS	Mode	222	0	0	2580	247_22:49:09		
247_22:49:09	0	DFMS	Mode	502	0	0	1280	247_23:10:29		

Slew +z panel
26°

247_23:15:00	1	DFMS	Flight sequence	ARNS081B	0	0	10	247_23:15:10	
247_23:15:10	0	DFMS	Mode	1	0	0	120	247_23:17:10	
247_23:17:10	0	DFMS	Flight sequence	ARNF100B	0	0	20	247_23:17:30	Non operational heater on
247_23:17:30	0	DFMS	Flight sequence	ARNF014B	0	0	125	247_23:19:35	
247_23:19:35	0	COPS	Flight sequence	ARNF016B	0	0	60	247_23:20:35	
247_23:20:35	0	COPS	Flight sequence	ARNF011A	0	0	210	247_23:24:05	
MOCM 04.09.2015 23:25:00 - 05.09.2015 05:55:00									
248_05:55:00	1	COPS	Flight sequence	ARNF015A	0	0	120	248_05:57:00	
248_05:57:00	0	COPS	Mode	332	1	0	60	248_05:58:00	Switch to Nude Gauge only because we are on the winter hemisphere
248_05:58:00	0	DFMS	Flight sequence	ARNF003A	0	0	120	248_06:00:00	
248_06:00:00	0	DFMS	Flight sequence	ARNF100A	0	0	20	248_06:00:20	Non operational heater off
248_06:00:20	0	DFMS	Mode	215	0	1	2328	248_06:39:08	
248_06:39:08	0	DFMS	Mode	245	0	0	1200	248_06:59:08	
248_07:00:00	1	COPS	Flight sequence	ARNF016A	0	0	60	248_07:01:00	
248_07:01:00	0	DFMS	Mode	215	0	1	1728	248_07:29:48	
248_07:29:48	0	DFMS	Mode	245	0	0	1200	248_07:49:48	
248_07:49:48	0	DFMS	Mode	215	0	1	1728	248_08:18:36	
248_08:18:36	0	DFMS	Mode	245	0	0	1200	248_08:38:36	
248_08:38:36	0	DFMS	Mode	215	0	2	2592	248_09:21:48	
248_09:23:00	1	DFMS	Flight sequence	ARNS081B	0	0	10	248_09:23:10	
248_09:23:10	0	DFMS	Mode	1	0	0	120	248_09:25:10	
MWNV 05.09.2015 09:28:09 - 05.09.2015 10:38:09									
248_10:38:09	1	DFMS	Mode	222	0	10	29100	248_18:43:09	
248_18:43:09	0	DFMS	Mode	564	0	0	1900	248_19:14:49	
248_19:25:00	1	DFMS	Flight sequence	ARNS081B	0	0	10	248_19:25:10	
248_19:25:10	0	DFMS	Mode	1	0	0	120	248_19:27:10	
MWNV 05.09.2015 19:31:19 - 05.09.2015 20:41:19									

248_19:37:19	1	RTOF	Flight sequence	ARNF004A	0	0	120	248_19:39:19
248_19:39:19	0	RTOF	Flight sequence	ARNS041A_RTOF	1	0	60	248_19:40:19
248_19:40:19	0	RTOF	Mode	51	5	0	3660	248_20:41:19
248_20:41:19	0	RTOF	Mode	521	15	8	31560	249_05:27:19
248_20:42:28	1	DFMS	Mode	222	0	11	31680	249_05:30:28
249_05:30:28	1	ROSINA	Flight sequence	ZRNP2002	0	0	240	249_05:34:28
MWNV 06.09.2015 05:34:28 - 06.09.2015 06:44:28								
249_06:44:28	1	DFMS	Mode	222	0	10	29100	249_14:49:28
249_06:45:28	1	COPS	Mode	332	1	0	60	249_06:46:28
249_06:46:28	1	RTOF	Mode	521	15	7	28200	249_14:36:28
249_14:36:28	0	RTOF	Mode	181	2	0	740	249_14:48:48
249_14:49:28	0	DFMS	Mode	564	0	0	1900	249_15:21:08
249_15:33:00	1	ROSINA	Flight sequence	ZRNP2002	0	0	240	249_15:37:00
MWNV 06.09.2015 15:37:38 - 06.09.2015 16:47:38								
249_16:47:38	1	RTOF	Mode	521	15	8	31610	250_01:34:28
249_16:48:38	1	DFMS	Mode	222	0	11	31680	250_01:36:38
250_01:36:38	0	ROSINA	Flight sequence	ZRNP2002	0	0	240	250_01:40:38
250_01:40:38	0	RTOF	Flight sequence	ARNF014A	0	0	120	250_01:42:38
MWNV 07.09.2015 01:40:47 - 07.09.2015 02:50:47								
250_02:50:47	1	DFMS	Mode	222	0	10	29100	250_10:55:47
250_02:51:47	1	COPS	Mode	332	1	0	60	250_02:52:47
250_10:55:47	0	DFMS	Mode	564	0	0	1900	250_11:27:27
250_11:38:00	1	DFMS	Flight sequence	ARNS081B	0	0	10	250_11:38:10
250_11:38:10	0	DFMS	Mode	1	0	0	120	250_11:40:10
MWNV 07.09.2015 11:43:57 - 07.09.2015 12:53:57								
250_12:53:57	1	DFMS	Mode	222	0	11	31680	250_21:41:57
250_21:42:00	1	DFMS	Flight sequence	ARNS081B	0	0	10	250_21:42:10
250_21:42:10	0	DFMS	Mode	1	0	0	120	250_21:44:10
MWNV 07.09.2015 21:47:06 - 07.09.2015 22:57:06								
250_22:57:06	1	DFMS	Mode	222	0	10	29100	251_07:02:06
250_22:58:06	1	COPS	Mode	332	1	0	60	250_22:59:06
251_07:02:06	0	DFMS	Mode	564	0	0	1900	251_07:33:46
251_07:45:00	1	DFMS	Flight sequence	ARNS081B	0	0	10	251_07:45:10
251_07:45:10	0	DFMS	Mode	1	0	0	120	251_07:47:10

MWNV 08.09.2015 07:50:16 - 08.09.2015 09:00:16									
251_09:00:16	1	DFMS	Mode	222	0	11	31680	251_17:48:16	
251_17:49:00	1	DFMS	Flight sequence	ARNS081B	0	0	10	251_17:49:10	
251_17:49:10	0	DFMS	Mode	1	0	0	120	251_17:51:10	
MWNV 08.09.2015 17:53:25 - 09.09.2015 19:03:25									
251_19:03:25	1	DFMS	Mode	222	0	4	13620	251_22:50:25	
251_22:50:25	0	DFMS	Mode	502	0	0	1400	251_23:13:45	
251_23:15:00	1	DFMS	Flight sequence	ARNS081B	0	0	10	251_23:15:10	
251_23:15:10	0	DFMS	Mode	1	0	0	120	251_23:17:10	
251_23:17:10	0	DFMS	Flight sequence	ARNF100B	0	0	20	251_23:17:30	Non operational heater on
251_23:17:30	0	DFMS	Flight sequence	ARNF014B	0	0	125	251_23:19:35	
251_23:19:35	0	COPS	Flight sequence	ARNF016B	0	0	60	251_23:20:35	
251_23:20:35	0	COPS	Flight sequence	ARNF011A	0	0	210	251_23:24:05	
MOCM 08.09.2015 23:25:00 - 09.09.2015 05:55:00									

STP Start time: 01.09.2015 23:25:00
STP End time: 08.09.2015 23:25:00

STP073

Start time	Set Time	Instrument	Mode/Sequence	Mode/Seq number	Cycle number	Repetition	Duration [s]	Stop time	
MOCM 08.09.2015 23:25:00 - 09.09.2015 05:55:00									
252_05:55:00	1	COPS	Flight sequence	ARNF015A	0	0	120	252_05:57:00	
252_05:57:00	0	COPS	Mode	332	1	0	60	252_05:58:00	
252_05:58:00	0	DFMS	Flight sequence	ARNF003A	0	0	120	252_06:00:00	
252_06:00:00	0	DFMS	Flight sequence	ARNF100A	0	0	20	252_06:00:20	Non operational heater off
252_06:00:20	0	DFMS	Mode	505	0	2	2392	252_06:40:12	
252_06:40:12	0	DFMS	Mode	215	0	1	1728	252_07:09:00	
252_06:55:00	1	COPS	Flight sequence	ARNF016A	0	0	60	252_06:56:00	

252_07:09:00	0	DFMS	Mode	245	0	0	1200	252_07:29:00
252_07:29:00	0	DFMS	Mode	215	0	1	1728	252_07:57:48
252_07:57:48	0	DFMS	Mode	245	0	0	1200	252_08:17:48
252_08:17:48	0	DFMS	Mode	215	0	1	1728	252_08:46:36
252_08:46:36	0	DFMS	Mode	245	0	0	1200	252_09:06:36
252_09:06:36	0	DFMS	Mode	215	0	0	864	252_09:21:00
252_09:33:00	1	DFMS	Flight sequence	ARNS081B	0	0	10	252_09:33:10
252_09:33:10	0	DFMS	Mode	1	0	0	120	252_09:35:10
MWNV 09.09.2015 09:37:51 - 09.09.2015 10:47:51								
252_10:47:51	1	DFMS	Mode	222	0	11	31680	252_19:35:51
252_19:46:33	1	DFMS	Flight sequence	ARNS081B	0	0	10	252_19:46:43
252_19:46:43	0	DFMS	Mode	1	0	0	120	252_19:48:43
MWNV 09.09.2015 19:50:43 - 09.09.2015 21:00:43								
252_21:00:43	1	DFMS	Mode	222	0	11	31680	253_05:48:43
253_06:00:24	1	DFMS	Flight sequence	ARNS081B	0	0	10	253_06:00:34
253_06:00:34	0	DFMS	Mode	1	0	0	120	253_06:02:34
MWNV 10.09.2015 06:03:34 - 10.09.2015 07:13:34								
253_07:13:34	1	DFMS	Mode	222	0	11	31680	253_16:01:34
253_16:11:00	1	DFMS	Flight sequence	ARNS081B	0	0	10	253_16:11:10
253_16:11:10	0	DFMS	Mode	1	0	0	120	253_16:13:10
MWNV 10.09.2015 16:16:26 - 10.09.2015 17:26:26								
253_17:26:26	1	DFMS	Mode	222	0	11	31680	254_02:14:26
254_02:25:30	1	DFMS	Flight sequence	ARNS081B	0	0	10	254_02:25:40
254_02:25:40	0	DFMS	Mode	1	0	0	120	254_02:27:40
MWNV 11.09.2015 02:29:17 - 11.09.2015 03:39:17								
254_02:35:17	1	RTOF	Flight sequence	ARNF004A	0	0	120	254_02:37:17
254_02:37:17	0	RTOF	Flight sequence	ARNS041A_RTOF	1	0	60	254_02:38:17
254_02:38:17	0	RTOF	Mode	51	5	0	3660	254_03:39:17
254_03:39:17	0	RTOF	Mode	521	6	0	2390	254_04:19:07
254_03:40:17	1	DFMS	Mode	222	0	11	31680	254_12:28:17
254_04:23:50	1	RTOF	Flight sequence	ARNS081C	0	0	10	254_04:24:00
254_04:25:00	1	RTOF	Mode	181	2	0	740	254_04:37:20

BP	GR	P	R1	R2	RL	RepA	RepB	A1_SS	A2_SS	SL_SS
-40.0	0.0	-90.0	-53.7	-376.5	-1825.0	-120.0	-120.0	-210.0	-700.0	-1715.0

254_04:39:00	1		RTOF	Change voltages temporarily according to table below							
BP	GR	P		R1	R2	RL	RepA	RepB	A1_SS	A2_SS	SL_SS
-22.0	18.0	-90.0		-34.9	-244.7	-1825.0	-120.0	-120.0	-210.0	-700.0	-1715.0
254_04:40:00	1		RTOF	Mode	181	2	0	740	254_04:52:20		
254_04:54:00	1		RTOF	Change voltages temporarily according to table below							
BP	GR	P		R1	R2	RL	RepA	RepB	A1_SS	A2_SS	SL_SS
-22.0	18.0	-90.0		-37.6	-263.6	-1825.0	-120.0	-120.0	-210.0	-700.0	-1715.0
254_04:55:00	1		RTOF	Mode	181	2	0	680	254_05:06:20		
254_05:09:00	1		RTOF	Change voltages temporarily according to table below							
BP	GR	P		R1	R2	RL	RepA	RepB	A1_SS	A2_SS	SL_SS
-22.0	18.0	-90.0		-40.3	-282.4	-1825.0	-120.0	-120.0	-210.0	-700.0	-1715.0
254_05:10:00	1		RTOF	Mode	181	2	0	680	254_05:21:20		
254_05:24:00	1		RTOF	Change voltages temporarily according to table below							
BP	GR	P		R1	R2	RL	RepA	RepB	A1_SS	A2_SS	SL_SS
-22.0	18.0	-90.0		-43.0	-301.2	-1825.0	-120.0	-120.0	-210.0	-700.0	-1715.0
254_05:25:00	1		RTOF	Mode	181	2	0	680	254_05:36:20		
254_05:39:00	1		RTOF	Change voltages temporarily according to table below							
BP	GR	P		R1	R2	RL	RepA	RepB	A1_SS	A2_SS	SL_SS
-22.0	18.0	-90.0		-45.6	-320.0	-1825.0	-120.0	-120.0	-210.0	-700.0	-1715.0
254_05:40:00	1		RTOF	Mode	181	2	0	680	254_05:51:20		

254_05:54:00	1	RTOF	Change voltages temporarily according to table below								
BP	GR	P	R1	R2	RL	RepA	RepB	A1_SS	A2_SS	SL_SS	
-22.0	18.0	-90.0	-48.3	-338.9	-1825.0	-120.0	-120.0	-210.0	-700.0	-1715.0	
254_05:55:00	1	RTOF	Mode	181	2	0	680	254_06:06:20			
254_06:09:00	1	RTOF	Change voltages temporarily according to table below								
BP	GR	P	R1	R2	RL	RepA	RepB	A1_SS	A2_SS	SL_SS	
-22.0	18.0	-90.0	-51.0	-357.7	-1825.0	-120.0	-120.0	-210.0	-700.0	-1715.0	
254_06:10:00	1	RTOF	Mode	181	2	0	680	254_06:21:20			
254_06:24:00	1	RTOF	Change voltages temporarily according to table below								
BP	GR	P	R1	R2	RL	RepA	RepB	A1_SS	A2_SS	SL_SS	
-22.0	18.0	-90.0	-53.7	-376.5	-1825.0	-120.0	-120.0	-210.0	-700.0	-1715.0	
254_06:25:00	1	RTOF	Mode	181	2	0	680	254_06:36:20			
254_06:39:00	1	RTOF	Change voltages temporarily according to table below								
BP	GR	P	R1	R2	RL	RepA	RepB	A1_SS	A2_SS	SL_SS	
-22.0	18.0	-90.0	-56.4	-395.3	-1825.0	-120.0	-120.0	-210.0	-700.0	-1715.0	
254_06:40:00	1	RTOF	Mode	181	2	0	680	254_06:51:20			
254_06:54:00	1	RTOF	Change voltages temporarily according to table below								
BP	GR	P	R1	R2	RL	RepA	RepB	A1_SS	A2_SS	SL_SS	
-22.0	18.0	-90.0	-59.1	-414.2	-1825.0	-120.0	-120.0	-210.0	-700.0	-1715.0	
254_06:55:00	1	RTOF	Mode	181	2	0	680	254_07:06:20			

254_07:09:00	1	RTOF	Change voltages temporarily according to table below								
BP	GR	P	R1	R2	RL	RepA	RepB	A1_SS	A2_SS	SL_SS	
-22.0	18.0	-90.0	-61.8	-433.0	-1825.0	-120.0	-120.0	-210.0	-700.0	-1715.0	
254_07:10:00	1	RTOF	Mode	181	2	0	680	254_07:21:20			
254_07:24:00	1	RTOF	Change voltages temporarily according to table below								
BP	GR	P	R1	R2	RL	RepA	RepB	A1_SS	A2_SS	SL_SS	
-22.0	18.0	-90.0	-64.4	-451.8	-1825.0	-120.0	-120.0	-210.0	-700.0	-1715.0	
254_07:25:00	1	RTOF	Mode	181	2	0	680	254_07:36:20			
254_07:39:00	1	RTOF	Change voltages temporarily according to table below								
BP	GR	P	R1	R2	RL	RepA	RepB	A1_SS	A2_SS	SL_SS	
-22.0	18.0	-90.0	-67.1	-470.6	-1825.0	-120.0	-120.0	-210.0	-700.0	-1715.0	
254_07:40:00	1	RTOF	Mode	181	2	0	680	254_07:51:20			
254_07:54:00	1	RTOF	Change voltages temporarily according to table below								
BP	GR	P	R1	R2	RL	RepA	RepB	A1_SS	A2_SS	SL_SS	
-22.0	18.0	-90.0	-69.8	-489.5	-1825.0	-120.0	-120.0	-210.0	-700.0	-1715.0	
254_07:55:00	1	RTOF	Mode	181	2	0	680	254_08:06:20			
254_08:09:00	1	RTOF	Change voltages temporarily according to table below								
BP	GR	P	R1	R2	RL	RepA	RepB	A1_SS	A2_SS	SL_SS	
-22.0	18.0	-90.0	-72.5	-508.3	-1825.0	-120.0	-120.0	-210.0	-700.0	-1715.0	
254_08:10:00	1	RTOF	Mode	181	2	0	680	254_08:21:20			

254_08:24:00	1		RTOF	Change voltages temporarily according to table below							
BP	GR	P		R1	R2	RL	RepA	RepB	A1_SS	A2_SS	SL_SS
-22.0	18.0	-90.0		-75.2	-527.1	-1825.0	-120.0	-120.0	-210.0	-700.0	-1715.0
254_08:25:00	1		RTOF	Mode	181	2	0	680	254_08:36:20		
254_08:39:00	1		RTOF	Change voltages temporarily according to table below							
BP	GR	P		R1	R2	RL	RepA	RepB	A1_SS	A2_SS	SL_SS
-22.0	18.0	-100.0		-34.9	-244.7	-1825.0	-120.0	-120.0	-210.0	-700.0	-1715.0
254_08:40:00	1		RTOF	Mode	181	2	0	680	254_08:51:20		
254_08:54:00	1		RTOF	Change voltages temporarily according to table below							
BP	GR	P		R1	R2	RL	RepA	RepB	A1_SS	A2_SS	SL_SS
-22.0	18.0	-100.0		-37.6	-263.6	-1825.0	-120.0	-120.0	-210.0	-700.0	-1715.0
254_08:55:00	1		RTOF	Mode	181	2	0	680	254_09:06:20		
254_09:09:00	1		RTOF	Change voltages temporarily according to table below							
BP	GR	P		R1	R2	RL	RepA	RepB	A1_SS	A2_SS	SL_SS
-22.0	18.0	-100.0		-40.3	-282.4	-1825.0	-120.0	-120.0	-210.0	-700.0	-1715.0
254_09:10:00	1		RTOF	Mode	181	2	0	680	254_09:21:20		
254_09:24:00	1		RTOF	Change voltages temporarily according to table below							
BP	GR	P		R1	R2	RL	RepA	RepB	A1_SS	A2_SS	SL_SS
-22.0	18.0	-100.0		-43.0	-301.2	-1825.0	-120.0	-120.0	-210.0	-700.0	-1715.0
254_09:25:00	1		RTOF	Mode	181	2	0	680	254_09:36:20		

254_09:39:00	1		RTOF	Change voltages temporarily according to table below							
BP	GR	P		R1	R2	RL	RepA	RepB	A1_SS	A2_SS	SL_SS
-22.0	18.0	-100.0		-45.6	-320.0	-1825.0	-120.0	-120.0	-210.0	-700.0	-1715.0
254_09:40:00	1		RTOF	Mode	181	2	0	680	254_09:51:20		
254_09:54:00	1		RTOF	Change voltages temporarily according to table below							
BP	GR	P		R1	R2	RL	RepA	RepB	A1_SS	A2_SS	SL_SS
-22.0	18.0	-100.0		-48.3	-338.9	-1825.0	-120.0	-120.0	-210.0	-700.0	-1715.0
254_09:55:00	1		RTOF	Mode	181	2	0	680	254_10:06:20		
254_10:09:00	1		RTOF	Change voltages temporarily according to table below							
BP	GR	P		R1	R2	RL	RepA	RepB	A1_SS	A2_SS	SL_SS
-22.0	18.0	-100.0		-51.0	-357.7	-1825.0	-120.0	-120.0	-210.0	-700.0	-1715.0
254_10:10:00	1		RTOF	Mode	181	2	0	680	254_10:21:20		
254_10:24:00	1		RTOF	Change voltages temporarily according to table below							
BP	GR	P		R1	R2	RL	RepA	RepB	A1_SS	A2_SS	SL_SS
-22.0	18.0	-100.0		-53.7	-376.5	-1825.0	-120.0	-120.0	-210.0	-700.0	-1715.0
254_10:25:00	1		RTOF	Mode	181	2	0	680	254_10:36:20		
254_10:39:00	1		RTOF	Change voltages temporarily according to table below							
BP	GR	P		R1	R2	RL	RepA	RepB	A1_SS	A2_SS	SL_SS
-22.0	18.0	-100.0		-56.4	-395.3	-1825.0	-120.0	-120.0	-210.0	-700.0	-1715.0
254_10:40:00	1		RTOF	Mode	181	2	0	680	254_10:51:20		

254_10:54:00	1		RTOF	Change voltages temporarily according to table below							
BP	GR	P		R1	R2	RL	RepA	RepB	A1_SS	A2_SS	SL_SS
-22.0	18.0	-100.0		-59.1	-414.2	-1825.0	-120.0	-120.0	-210.0	-700.0	-1715.0
254_10:55:00	1		RTOF	Mode	181	2	0	680	254_11:06:20		
254_11:09:00	1		RTOF	Change voltages temporarily according to table below							
BP	GR	P		R1	R2	RL	RepA	RepB	A1_SS	A2_SS	SL_SS
-22.0	18.0	-100.0		-61.8	-433.0	-1825.0	-120.0	-120.0	-210.0	-700.0	-1715.0
254_11:10:00	1		RTOF	Mode	181	2	0	680	254_11:21:20		
254_11:24:00	1		RTOF	Change voltages temporarily according to table below							
BP	GR	P		R1	R2	RL	RepA	RepB	A1_SS	A2_SS	SL_SS
-22.0	18.0	-100.0		-64.4	-451.8	-1825.0	-120.0	-120.0	-210.0	-700.0	-1715.0
254_11:25:00	1		RTOF	Mode	181	2	0	680	254_11:36:20		
254_11:39:00	1		RTOF	Change voltages temporarily according to table below							
BP	GR	P		R1	R2	RL	RepA	RepB	A1_SS	A2_SS	SL_SS
-22.0	18.0	-100.0		-67.1	-470.6	-1825.0	-120.0	-120.0	-210.0	-700.0	-1715.0
254_11:40:00	1		RTOF	Mode	181	2	0	680	254_11:51:20		
254_11:54:00	1		RTOF	Change voltages temporarily according to table below							
BP	GR	P		R1	R2	RL	RepA	RepB	A1_SS	A2_SS	SL_SS
-22.0	18.0	-100.0		-69.8	-489.5	-1825.0	-120.0	-120.0	-210.0	-700.0	-1715.0
254_11:55:00	1		RTOF	Mode	181	2	0	680	254_12:06:20		

Change voltages temporarily according to table below													
254_12:09:00	1	RTOF	BP	GR	P	R1	R2	RL	RepA	RepB	A1_SS	A2_SS	SL_SS
-22.0	18.0	-100.0	-72.5	-508.3	-1825.0	-120.0	-120.0	-210.0	-700.0	-1715.0			
254_12:10:00	1	RTOF	Mode	181	2	0	680	254_12:21:20					
Change voltages temporarily according to table below													
254_12:24:00	1	RTOF	BP	GR	P	R1	R2	RL	RepA	RepB	A1_SS	A2_SS	SL_SS
-22.0	18.0	-100.0	-75.2	-527.1	-1825.0	-120.0	-120.0	-210.0	-700.0	-1715.0			
254_12:25:00	1	RTOF	Mode	181	2	0	680	254_12:36:20					
254_12:38:09	1	ROSINA	Flight sequence	ZRNP2002	0	0	240	254_12:42:09					
MWNV 11.09.2015 12:42:09 - 11.09.2015 13:52:09													
254_12:42:09	0	RTOF	Flight sequence	ARNF014A	0	0	120	254_12:44:09					
254_13:52:09	1	DFMS	Mode	222	0	2	8460	254_16:13:09					
254_16:13:09	0	DFMS	Mode	502	0	0	1280	254_16:34:29					
254_16:34:29	0	DFMS	Mode	562	0	0	1900	254_17:06:09					
254_17:06:09	0	DFMS	Mode	564	0	0	1900	254_17:37:49					
254_17:37:49	0	DFMS	Mode	222	0	6	18060	254_22:38:49					
254_22:38:49	0	DFMS	Mode	502	0	0	1280	254_23:00:09					
254_23:15:00	1	DFMS	Flight sequence	ARNS081B	0	0	10	254_23:15:10					
254_23:15:10	0	DFMS	Mode	1	0	0	120	254_23:17:10					
254_23:17:10	0	DFMS	Flight sequence	ARNF100B	0	0	20	254_23:17:30				Non operational heater on	
254_23:17:30	0	DFMS	Flight sequence	ARNF014B	0	0	125	254_23:19:35					
254_23:19:35	0	COPS	Flight sequence	ARNF016B	0	0	60	254_23:20:35					
254_23:20:35	0	COPS	Flight sequence	ARNF011A	0	0	210	254_23:24:05					
MOCM 11.09.2015 23:25:00 - 12.09.2015 05:55:00													
255_05:55:00	1	COPS	Flight sequence	ARNF015A	0	0	120	255_05:57:00					
255_05:57:00	0	COPS	Mode	332	1	0	60	255_05:58:00					
255_05:58:00	0	DFMS	Flight sequence	ARNF003A	0	0	120	255_06:00:00					

255_06:00:00	0	DFMS	Flight sequence	ARNF100A	0	0	20	255_06:00:20	Non operational heater off	
255_06:00:20	0	DFMS	Mode	215	0	1	2328	255_06:39:08		
255_06:39:08	0	DFMS	Mode	245	0	0	1200	255_06:59:08		
255_07:00:00	1	COPS	Flight sequence	ARNF016A	0	0	60	255_07:01:00		
255_07:01:00	0	DFMS	Mode	215	0	1	1728	255_07:29:48		
255_07:29:48	0	DFMS	Mode	245	0	0	1200	255_07:49:48		
255_07:49:48	0	DFMS	Mode	215	0	1	1728	255_08:18:36		
255_08:18:36	0	DFMS	Mode	245	0	0	1200	255_08:38:36		
255_08:38:36	0	DFMS	Mode	215	0	0	864	255_08:53:00		
255_08:53:00	0	DFMS	Mode	505	0	2	1632	255_09:20:12		
255_09:23:00	1	DFMS	Flight sequence	ARNS081B	0	0	10	255_09:23:10		
255_09:23:10	0	DFMS	Mode	1	0	0	120	255_09:25:10		
MWNV 12.09.2015 09:28:09 - 12.09.2015 10:38:09										
Set default voltages according to table below										
255_09:26:00	1	RTOF								
BP	GR	P	R1	R2	RL	RepA	RepB	A1_SS	A2_SS	SL_SS
-40.0	0.0	-90.0	-53.7	-376.5	-1825.0	-120.0	-120.0	-210.0	-700.0	-1715.0
255_09:28:09	1	RTOF	Flight sequence	ARNF004A	0	0	120	255_09:30:09		
255_09:30:09	0	RTOF	Flight sequence	ARNS041A_RTOF	1	0	60	255_09:31:09		
255_09:31:09	0	RTOF	Mode	53	5	0	3710	255_10:32:59		
255_10:38:09	1	DFMS	Mode	222	0	4	13620	255_14:25:09		
255_10:46:59	1	RTOF	Flight sequence	ARNS081C	0	0	10	255_10:47:09		
255_10:47:09	0	RTOF	Mode	1	0	0	0	255_10:47:09		
255_10:48:09	0	RTOF	Mode	512	12	0	5930	255_12:26:59		
255_12:26:59	0	RTOF	Mode	514	12	0	5380	255_13:56:39		
255_13:56:39	0	RTOF	Mode	520	12	0	5380	255_15:26:19		
255_14:25:09	0	DFMS	Mode	502	0	0	1280	255_14:46:29		
255_14:59:00	1	DFMS	Mode	522	0	11	1776	255_15:28:36		
255_15:26:19	0	RTOF	Mode	512	11	0	4970	255_16:49:09	SLEW	
255_15:28:36	0	DFMS	Mode	502	0	0	1280	255_15:49:56		
255_15:49:56	0	DFMS	Mode	562	0	0	1900	255_16:21:36		

255_16:21:36	0	DFMS	Mode	564	0	0	1900	255_16:53:16
255_16:49:09	0	RTOF	Mode	514	10	0	4560	255_18:05:09
255_16:53:16	0	DFMS	Mode	502	0	0	1280	255_17:14:36
255_17:14:36	0	DFMS	Mode	562	0	0	1900	255_17:46:16
255_17:46:16	0	DFMS	Mode	564	0	0	1900	255_18:17:56
255_18:05:09	0	RTOF	Mode	520	10	0	4560	255_19:21:09
255_18:17:56	0	DFMS	Mode	502	0	0	1280	255_18:39:16
255_18:57:00	1	DFMS	Mode	522	0	11	1776	255_19:26:36
255_19:27:19	1	ROSINA	Flight sequence	ZRNP2002	0	0	240	255_19:31:19
MWNV 12.09.2015 19:31:19 - 12.09.2015 20:41:19								
255_19:39:29	1	RTOF	Mode	51	5	0	3710	255_20:41:19
255_20:41:24	0	RTOF	Mode	521	15	4	17920	256_01:40:04
255_20:42:19	1	DFMS	Mode	222	0	11	31680	256_05:30:19
255_20:43:19	1	COPS	Mode	332	1	0	60	255_20:44:19
256_01:40:04	0	RTOF	Mode	526	15	3	13640	256_05:27:24
256_05:30:28	1	ROSINA	Flight sequence	ZRNP2002	0	0	240	256_05:34:28
MWNV 13.09.2015 05:34:28 - 13.09.2015 06:44:28								
256_05:42:38	1	RTOF	Mode	51	5	0	3710	256_06:44:28
256_06:44:28	0	RTOF	Mode	511	15	4	17720	256_11:39:48
256_06:45:28	1	DFMS	Mode	222	0	11	31680	256_15:33:28
256_11:39:48	0	RTOF	Mode	516	15	3	13640	256_15:27:08
256_15:33:38	1	ROSINA	Flight sequence	ZRNP2002	0	0	240	256_15:37:38
MWNV 13.09.2015 15:37:38 - 13.09.2015 16:47:38								
256_15:37:38	0	RTOF	Flight sequence	ARNF014A	0	0	120	256_15:39:38
256_16:47:38	1	DFMS	Mode	222	0	11	31680	257_01:35:38
256_16:48:38	1	COPS	Mode	332	1	0	60	256_16:49:38
257_01:38:37	1	DFMS	Flight sequence	ARNS081B	0	0	10	257_01:38:47
257_01:38:47	0	DFMS	Mode	1	0	0	120	257_01:40:47
MWNV 14.09.2015 01:40:47 - 14.09.2015 02:50:47								
257_02:50:47	1	DFMS	Mode	222	0	11	31680	257_11:38:47
257_11:41:47	1	DFMS	Flight sequence	ARNS081B	0	0	10	257_11:41:57
257_11:41:57	0	DFMS	Mode	1	0	0	120	257_11:43:57
MWNV 14.09.2015 11:43:57 - 14.09.2015 12:53:57								
257_12:53:57	1	DFMS	Mode	222	0	11	31680	257_21:41:57
257_12:54:57	1	COPS	Mode	332	1	0	60	257_12:55:57

257_21:44:56	1	DFMS	Flight sequence	ARNS081B	0	0	10	257_21:45:06	
257_21:45:06	0	DFMS	Mode	1	0	0	120	257_21:47:06	
MWNV 14.09.2015 21:47:06 - 14.09.2015 22:57:06									
257_22:57:06	1	DFMS	Mode	222	0	11	31680	258_07:45:06	
258_07:48:06	1	DFMS	Flight sequence	ARNS081B	0	0	10	258_07:48:16	
258_07:48:16	0	DFMS	Mode	1	0	0	120	258_07:50:16	
MWNV 15.09.2015 07:50:16 - 15.09.2015 09:00:16									
258_09:00:16	1	DFMS	Mode	222	0	11	31680	258_17:48:16	
258_09:01:16	1	COPS	Mode	332	1	0	60	258_09:02:16	
258_17:51:15	1	DFMS	Flight sequence	ARNS081B	0	0	10	258_17:51:25	
258_17:51:25	0	DFMS	Mode	1	0	0	120	258_17:53:25	
MWNV 15.09.2015 17:53:25 -15.09.2015 19:03:25									
258_19:03:25	1	DFMS	Mode	222	0	4	13620	258_22:50:25	
258_22:50:25	0	DFMS	Mode	502	0	0	1280	258_23:11:45	
258_23:15:00	1	DFMS	Flight sequence	ARNS081B	0	0	10	258_23:15:10	
258_23:15:10	0	DFMS	Mode	1	0	0	120	258_23:17:10	
MOCM 15.09.2015 23:25:00 - 15.09.2015 05:55:00									
258_23:17:10	0	DFMS	Flight sequence	ARNF100B	0	0	20	258_23:17:30	Non operational heater on
258_23:17:30	0	DFMS	Flight sequence	ARNF014B	0	0	125	258_23:19:35	
258_23:19:35	0	COPS	Flight sequence	ARNF016B	0	0	60	258_23:20:35	
258_23:20:35	0	COPS	Flight sequence	ARNF011A	0	0	210	258_23:24:05	

08/09/2015
 STP Start time: 23:25:00
 15/09/2015
 STP End time: 23:25:00

STP074

Start time	Set Time	Instrument	Mode/Sequence	Mode/Seq number	Cycle number	Repetition	Duration [s]	Stop time
MTP_020	FDDF.xml	SC	MOCM	15/09/2015 23:25	16/09/2015 05:55			
259_05:55:00	1	COPS	Flight sequence	ARNF015A	0	0	120	259_05:57:00
259_05:57:00	0	COPS	Mode	332	1	0	60	259_05:58:00

259_05:58:00	0	DFMS	Flight sequence	ARNF003A	0	0	120	259_06:00:00
259_06:00:00	0	DFMS	Flight sequence	ARNF100A	0	0	20	259_06:00:20
259_06:00:20	0	DFMS	Mode	205	0	3	4326	259_07:12:26
259_06:45:20	1	COPS	Flight sequence	ARNF016A	0	0	60	259_06:46:20
259_07:12:26	0	DFMS	Mode	245	0	2	3600	259_08:12:26
259_08:12:26	0	DFMS	Mode	215	0	2	2592	259_08:55:38
259_08:55:38	0	DFMS	Mode	245	0	0	1200	259_09:15:38
259_09:15:38	0	DFMS	Mode	215	0	0	864	259_09:30:02
259_09:30:02	0	DFMS	Flight sequence	ARNS081B	0	0	10	259_09:30:12
259_09:33:12	1	DFMS	Mode	1	0	0	120	259_09:35:12
MTP_020	FDDF.xml	SC	MWNV	16/09/2015 09:37	16/09/2015 10:47			
259_10:47:00	1	DFMS	Mode	222	0	11	31680	259_19:35:00
259_19:45:00	1	DFMS	Flight sequence	ARNS081B	0	0	10	259_19:45:10
259_19:45:10	0	DFMS	Mode	1	0	0	120	259_19:47:10
MTP_020	FDDF.xml	SC	MWNV	16/09/2015 19:50	16/09/2015 21:00			
259_21:00:00	1	DFMS	Mode	220	0	3	5496	259_22:31:36
259_22:31:36	0	DFMS	Mode	222	0	3	10320	260_01:23:36
260_01:23:36	0	DFMS	Mode	260	0	3	3456	260_02:21:12
260_02:21:12	0	DFMS	Mode	220	0	3	4776	260_03:40:48
260_03:40:48	0	DFMS	Mode	262	0	1	5760	260_05:16:48
260_05:16:48	0	DFMS	Mode	222	0	0	2580	260_05:59:48
260_05:59:48	0	DFMS	Flight sequence	ARNS081B	0	0	10	260_05:59:58
260_05:59:58	0	DFMS	Mode	1	0	0	120	260_06:01:58
MTP_020	FDDF.xml	SC	MWNV	17/09/2015 06:03	17/09/2015 07:13			
260_07:13:00	1	DFMS	Mode	222	0	11	31680	260_16:01:00
260_07:14:00	1	RTOF	Flight sequence	ARNF004A	0	0	120	260_07:16:00
260_07:16:00	0	RTOF	Flight sequence	ARNS041A_RTOF	1	0	60	260_07:17:00
260_07:17:00	0	RTOF	Mode	520	11	0	5400	260_08:49:00
260_08:49:00	0	RTOF	Mode	512	11	1	9700	260_11:34:40
260_11:34:40	0	RTOF	Mode	520	11	1	9700	260_14:20:20
260_14:20:20	0	RTOF	Mode	514	6	1	5700	260_15:57:40
260_16:01:00	0	ROSINA	Flight sequence	ZRNP2002	0	0	240	260_16:05:00
MTP_020	FDDF.xml	SC	MWNV	17/09/2015 16:16	17/09/2015 17:26			
260_17:26:00	1	DFMS	Mode	222	0	11	31680	261_02:14:00
260_17:27:00	1	RTOF	Mode	514	11	1	10300	260_20:22:40

260_20:22:40	0	RTOF	Mode	520	11	0	4850	260_21:45:30
260_21:45:30	0	RTOF	Mode	512	10	1	8900	261_00:17:30
261_00:17:30	0	RTOF	Mode	512	7	1	6500	261_02:08:30
261_02:18:00	1	ROSINA	Flight sequence	ZRNP2002	0	0	240	261_02:22:00
MTP_020	FDDF.xml	SC	MWNV	18/09/2015 02:29	18/09/2015 03:39			
261_02:22:00	0	RTOF	Mode	53	6	0	4310	261_03:33:50
261_03:39:00	1	DFMS	Mode	222	0	11	31680	261_12:27:00
261_03:41:00	1	RTOF	Mode	523	12	10	30020	261_12:25:10
261_12:30:00	1	ROSINA	Flight sequence	ZRNP2002	0	0	240	261_12:34:00
MTP_020	FDDF.xml	SC	MWNV	18/09/2015 12:42	18/09/2015 13:52			
261_12:34:00	0	RTOF	Mode	53	6	0	4310	261_13:45:50
261_13:45:50	0	RTOF	Mode	523	15	7	26870	261_21:13:40
261_13:52:00	1	DFMS	Mode	222	0	11	31680	261_22:40:00
261_21:35:00	0	RTOF	Mode	183	4	0	1110	261_21:54:20
261_21:54:20	0	RTOF	Mode	523	14	0	3050	261_22:44:20
261_22:50:50	1	ROSINA	Flight sequence	ZRNP2002	0	0	240	261_22:54:50
261_22:54:50	0	DFMS	Flight sequence	ARNF100B	0	0	20	261_22:55:10
261_22:55:10	0	DFMS	Flight sequence	ARNF014B	0	0	125	261_22:57:15
261_22:57:15	0	RTOF	Flight sequence	ARNF014A	0	0	120	261_22:59:15
261_22:59:15	0	COPS	Flight sequence	ARNF016B	0	0	60	261_23:00:15
261_23:00:15	0	COPS	Flight sequence	ARNF011A	0	0	210	261_23:03:45
MTP_020	FDDF.xml	SC	MOCM	18/09/2015 23:25	19/09/2015 05:55	143		
262_05:55:00	1	COPS	Flight sequence	ARNF015A	0	0	120	262_05:57:00
262_05:57:00	0	COPS	Mode	332	1	0	60	262_05:58:00
262_05:58:00	0	DFMS	Flight sequence	ARNF003A	0	0	120	262_06:00:00
262_06:00:00	0	DFMS	Flight sequence	ARNF100A	0	0	20	262_06:00:20
262_06:00:20	0	DFMS	Mode	215	0	3	4056	262_07:07:56
262_06:40:00	1	COPS	Flight sequence	ARNF016A	0	0	60	262_06:41:00
262_07:07:56	0	DFMS	Mode	505	0	3	2176	262_07:44:12
262_07:44:12	0	DFMS	Mode	515	0	3	1792	262_08:14:04
262_08:14:04	0	DFMS	Mode	515	0	3	1792	262_08:43:56
262_08:43:56	0	DFMS	Mode	245	0	1	2400	262_09:23:56
262_09:23:56	0	DFMS	Flight sequence	ARNS081B	0	0	10	262_09:24:06
262_09:24:06	0	DFMS	Mode	1	0	0	120	262_09:26:06
MTP_020	FDDF.xml	SC	MWNV	19/09/2015 09:28	19/09/2015 10:38			

262_10:38:00	1	DFMS	Mode	222	0	11	31680	262_19:26:00
262_19:29:00	1	DFMS	Flight sequence	ARNS081B	0	0	10	262_19:29:10
262_19:29:10	0	DFMS	Mode	1	0	0	120	262_19:31:10
MTP_020	FDDF.xml	SC	MWNV	19/09/2015 19:31	19/09/2015 20:41			
262_20:41:00	1	DFMS	Mode	222	0	11	31680	263_05:29:00
263_05:29:00	0	DFMS	Flight sequence	ARNS081B	0	0	10	263_05:29:10
263_05:29:10	0	DFMS	Mode	1	0	0	120	263_05:31:10
MTP_020	FDDF.xml	SC	MWNV	20/09/2015 05:34	20/09/2015 06:44			
263_06:44:00	1	DFMS	Mode	222	0	11	31680	263_15:32:00
263_15:32:00	0	DFMS	Flight sequence	ARNS081B	0	0	10	263_15:32:10
263_15:32:10	0	DFMS	Mode	1	0	0	120	263_15:34:10
MTP_020	FDDF.xml	SC	MWNV	20/09/2015 15:37	20/09/2015 16:47			
263_16:47:00	1	DFMS	Mode	222	0	11	31680	264_01:35:00
264_01:35:00	0	DFMS	Flight sequence	ARNS081B	0	0	10	264_01:35:10
264_01:35:10	0	DFMS	Mode	1	0	0	120	264_01:37:10
MTP_020	FDDF.xml	SC	MWNV	21/09/2015 01:40	21/09/2015 02:50			
264_02:50:00	1	DFMS	Mode	222	0	11	31680	264_11:38:00
264_11:38:00	0	DFMS	Flight sequence	ARNS081B	0	0	10	264_11:38:10
264_11:38:10	0	DFMS	Mode	1	0	0	120	264_11:40:10
MTP_020	FDDF.xml	SC	MWNV	21/09/2015 11:43	21/09/2015 12:53			
264_12:53:00	1	DFMS	Mode	222	0	11	31680	264_21:41:00
264_21:41:00	0	DFMS	Flight sequence	ARNS081B	0	0	10	264_21:41:10
264_21:41:10	0	DFMS	Mode	1	0	0	120	264_21:43:10
264_21:42:10	0	RTOF	Flight sequence	ARNF004A	0	0	120	264_21:44:10
264_21:44:10	0	RTOF	Flight sequence	ARNS041A_RTOF	1	0	60	264_21:45:10
MTP_020	FDDF.xml	SC	MWNV	21/09/2015 21:47	21/09/2015 22:57			
264_21:45:10	0	RTOF	Mode	51	6	0	4310	264_22:57:00
264_22:57:00	0	RTOF	Mode	521	5	0	2120	264_23:32:20
264_22:59:00	1	DFMS	Mode	222	0	4	13620	265_02:46:00
264_23:33:20	0	RTOF	Mode	181	7	0	1710	265_00:01:50
265_00:03:10	0	RTOF	Mode	521	7	0	1650	265_00:30:40
265_00:32:00	0	RTOF	Mode	181	7	0	1710	265_01:00:30
265_01:01:50	0	RTOF	Mode	521	15	6	22750	265_07:21:00
265_02:46:00	0	DFMS	Mode	220	0	2	3582	265_03:45:42
265_03:45:42	0	DFMS	Mode	260	0	2	2592	265_04:28:54

265_04:28:54	0	DFMS	Mode	564	0	1	3800	265_05:32:14
265_05:32:14	0	DFMS	Mode	222	0	1	5160	265_06:58:14
265_06:58:14	0	DFMS	Mode	220	0	0	1194	265_07:18:08
265_07:39:40	0	ROSINA	Flight sequence	ZRNP2002	0	0	240	265_07:43:40
MTP_020	FDDF.xml	SC	MWNV	22/09/2015 07:50	22/09/2015 09:00			
265_07:43:40	0	RTOF	Mode	51	7	0	4910	265_09:05:30
265_09:00:00	1	DFMS	Mode	222	0	2	8460	265_11:21:00
265_09:05:30	0	RTOF	Mode	521	15	8	30120	265_17:27:30
265_11:21:00	0	DFMS	Mode	564	0	0	1900	265_11:52:40
265_11:52:40	0	DFMS	Mode	222	0	1	5160	265_13:18:40
265_13:18:40	0	DFMS	Mode	562	0	1	3800	265_14:22:00
265_14:22:00	0	DFMS	Mode	564	0	0	1900	265_14:53:40
265_14:53:40	0	DFMS	Mode	562	0	0	1900	265_15:25:20
265_15:25:20	0	DFMS	Mode	564	0	0	1900	265_15:57:00
265_15:57:00	0	DFMS	Mode	222	0	0	2580	265_16:40:00
265_16:40:00	0	DFMS	Mode	260	0	0	864	265_16:54:24
265_16:54:24	0	DFMS	Mode	564	0	0	1900	265_17:26:04
265_17:26:04	0	DFMS	Mode	502	0	0	1280	265_17:47:24
265_17:51:30	0	ROSINA	Flight sequence	ZRNP2002	0	0	240	265_17:55:30
MTP_020	FDDF.xml	SC	MWNV	22/09/2015 17:53	22/09/2015 19:03			
265_17:55:30	0	RTOF	Mode	51	6	0	4310	265_19:07:20
265_19:03:00	1	DFMS	Mode	222	0	0	3300	265_19:58:00
265_19:07:20	0	RTOF	Mode	521	11	0	3320	265_20:02:40
265_19:58:00	0	DFMS	Mode	564	0	0	1900	265_20:29:40
265_20:02:40	0	RTOF	Mode	181	3	0	950	265_20:18:30
265_20:22:30	1	RTOF	Mode	181	3	0	890	265_20:37:20
265_20:29:40	0	DFMS	Mode	322	0	0	8700	265_22:54:40
265_20:42:00	1	RTOF	Mode	181	3	0	890	265_20:56:50
265_21:02:00	1	RTOF	Mode	181	3	0	890	265_21:16:50
265_21:16:50	0	RTOF	Mode	181	3	0	890	265_21:31:40
265_21:31:40	0	RTOF	Mode	181	3	0	890	265_21:46:30
265_23:00:00	1	ROSINA	Flight sequence	ZRNP2002	0	0	240	265_23:04:00
265_23:04:00	0	DFMS	Flight sequence	ARNF100B	0	0	20	265_23:04:20
265_23:04:20	0	DFMS	Flight sequence	ARNF014B	0	0	125	265_23:06:25
265_23:06:25	0	RTOF	Flight sequence	ARNF014A	0	0	120	265_23:08:25

265_23:08:25	0	COPS	Flight sequence	ARNF016B	0	0	60	265_23:09:25
265_23:09:25	0	COPS	Flight sequence	ARNF011A	0	0	210	265_23:12:55

STP Start
time: 16/09/2015 05:55:00
STP End time: 22/09/2015 23:25:00

STP075

Start time	Set Time	Instrument	Mode/Seq	Mode/Seq number	Cycle number	Repetition	Duration [s]	Stop time	
MOCM 22.09.2015 23:25:00 - 23.09.2015 05:55:00									
266_05:55:00	1	COPS	Flight sequence	ARNF015A	0	0	120	266_05:57:00	
266_05:57:00	0	COPS	Mode	332	1	0	60	266_05:58:00	
266_05:58:00	0	DFMS	Flight sequence	ARNF003A	0	0	120	266_06:00:00	
266_06:00:00	0	DFMS	Flight sequence	ARNF100A	0	0	20	266_06:00:20	DFMS non-OP heaters off
266_06:00:20	0	DFMS	Mode	215	0	1	2598	266_06:43:38	
266_06:30:00	1	COPS	Flight sequence	ARNF016A	0	0	60	266_06:31:00	COPS science on
266_06:43:38	0	DFMS	Mode	245	0	0	1200	266_07:03:38	
266_07:03:38	0	DFMS	Mode	215	0	1	1728	266_07:32:26	
266_07:32:26	0	DFMS	Mode	245	0	0	1200	266_07:52:26	
266_07:52:26	0	DFMS	Mode	215	0	1	1728	266_08:21:14	
266_08:21:14	0	DFMS	Mode	245	0	0	1200	266_08:41:14	

266_08:41:14	0	DFMS	Mode	215	0	1	1728	266_09:10:02
266_09:10:02	0	DFMS	Mode	245	0	0	1200	266_09:30:02
266_09:35:00	1	DFMS	Flight sequence	ARNS081B	0	0	10	266_09:35:10
266_09:35:10	0	DFMS	Mode	1	0	0	120	266_09:37:10
MWNV 23.09.2015 09:37:51 - 23.09.2015 10:47:51								
266_10:47:51	1	DFMS	Mode	222	0	10	29100	266_18:52:51
266_18:52:51	0	DFMS	Mode	564	0	0	1900	266_19:24:31
266_19:48:00	1	DFMS	Flight sequence	ARNS081B	0	0	10	266_19:48:10
266_19:48:10	0	DFMS	Mode	1	0	0	120	266_19:50:10
MWNV 23.09.2015 19:50:43 - 23.09.2015 21:00:43								
266_21:00:43	1	DFMS	Mode	215	0	1	2328	266_21:39:31
266_21:39:31	0	DFMS	Mode	245	0	0	1200	266_21:59:31
266_21:59:31	0	DFMS	Mode	215	0	1	1728	266_22:28:19
266_22:28:19	0	DFMS	Mode	245	0	0	1200	266_22:48:19
266_22:48:19	0	DFMS	Mode	215	0	1	1728	266_23:17:07
266_23:17:07	0	DFMS	Mode	245	0	0	1200	266_23:37:07
266_23:37:07	0	DFMS	Mode	215	0	1	1728	267_00:05:55
267_00:05:55	0	DFMS	Mode	245	0	0	1200	267_00:25:55
267_00:25:55	0	DFMS	Mode	215	0	1	1728	267_00:54:43
267_00:54:43	0	DFMS	Mode	245	0	0	1200	267_01:14:43
267_01:14:43	0	DFMS	Mode	215	0	1	1728	267_01:43:31

267_01:43:31	0	DFMS	Mode	245	0	0	1200	267_02:03:31
267_02:03:31	0	DFMS	Mode	215	0	1	1728	267_02:32:19
267_02:32:19	0	DFMS	Mode	245	0	0	1200	267_02:52:19
267_02:52:19	0	DFMS	Mode	215	0	1	1728	267_03:21:07
267_03:21:07	0	DFMS	Mode	245	0	0	1200	267_03:41:07
267_03:41:07	0	DFMS	Mode	215	0	1	1728	267_04:09:55
267_04:09:55	0	DFMS	Mode	245	0	0	1200	267_04:29:55
267_04:29:55	0	DFMS	Mode	215	0	1	1728	267_04:58:43
267_04:58:43	0	DFMS	Mode	245	0	0	1200	267_05:18:43
267_05:18:43	0	DFMS	Mode	215	0	1	1728	267_05:47:31
267_06:01:00	1	DFMS	Flight sequence	ARNS081B	0	0	10	267_06:01:10
267_06:01:10	0	DFMS	Mode	1	0	0	120	267_06:03:10

MWNV 24.09.2015 06:03:34 - 24.09.2015 07:13:34

267_07:13:34	1	DFMS	Mode	222	0	10	29100	267_15:18:34
267_15:18:34	0	DFMS	Mode	564	0	0	1900	267_15:50:14
267_16:14:00	1	DFMS	Flight sequence	ARNS081B	0	0	10	267_16:14:10
267_16:14:10	0	DFMS	Mode	1	0	0	120	267_16:16:10

MWNV 24.09.2015 16:16:26 - 24.09.2015 17:26:26

267_17:26:26	1	DFMS	Mode	215	0	1	2328	267_18:05:14
267_18:05:14	0	DFMS	Mode	245	0	0	1200	267_18:25:14
267_18:25:14	0	DFMS	Mode	215	0	1	1728	267_18:54:02

267_18:54:02	0	DFMS	Mode	245	0	0	1200	267_19:14:02
267_19:14:02	0	DFMS	Mode	215	0	1	1728	267_19:42:50
267_19:42:50	0	DFMS	Mode	245	0	0	1200	267_20:02:50
267_20:02:50	0	DFMS	Mode	215	0	1	1728	267_20:31:38
267_20:31:38	0	DFMS	Mode	245	0	0	1200	267_20:51:38
267_20:51:38	0	DFMS	Mode	215	0	1	1728	267_21:20:26
267_21:20:26	0	DFMS	Mode	245	0	0	1200	267_21:40:26
267_21:40:26	0	DFMS	Mode	215	0	1	1728	267_22:09:14
267_22:09:14	0	DFMS	Mode	245	0	0	1200	267_22:29:14
267_22:29:14	0	DFMS	Mode	215	0	1	1728	267_22:58:02
267_22:58:02	0	DFMS	Mode	245	0	0	1200	267_23:18:02
267_23:18:02	0	DFMS	Mode	215	0	1	1728	267_23:46:50
267_23:46:50	0	DFMS	Mode	245	0	0	1200	268_00:06:50
268_00:06:50	0	DFMS	Mode	215	0	1	1728	268_00:35:38
268_00:35:38	0	DFMS	Mode	245	0	0	1200	268_00:55:38
268_00:55:38	0	DFMS	Mode	215	0	1	1728	268_01:24:26
268_01:24:26	0	DFMS	Mode	245	0	0	1200	268_01:44:26
268_01:44:26	0	DFMS	Mode	215	0	1	1728	268_02:13:14
268_02:27:00	1	DFMS	Flight sequence	ARNS081B	0	0	10	268_02:27:10
268_02:27:10	0	DFMS	Mode	1	0	0	120	268_02:29:10

MWNV 25.09.2015 02:29:17 - 25.09.2015 03:39:17

268_03:39:17	1	DFMS	Mode	222	0	10	29100	268_11:44:17	
268_11:44:17	0	DFMS	Mode	564	0	0	1900	268_12:15:57	
268_12:30:00	1	DFMS	Flight sequence	ARNS081B	0	0	10	268_12:30:10	
268_12:30:10	0	DFMS	Mode	1	0	0	120	268_12:32:10	
268_12:32:10	0	DFMS	Flight sequence	ARNF100B	0	0	20	268_12:32:30	DFMS non-OP heaters on
268_12:32:30	0	DFMS	Flight sequence	ARNF014B	0	0	125	268_12:34:35	
268_12:34:35	0	COPS	Flight sequence	ARNF016B	0	0	60	268_12:35:35	COPS science off
268_12:35:35	0	COPS	Flight sequence	ARNF011A	0	0	210	268_12:39:05	

MWNV 25.09.2015 12:42:09 - 25.09.2015 13:52:09

MOCM 25.09.2015 23:25:00 - 26.09.2015 05:55:00

MWNV 26.09.2015 09:28:09 - 26.09.2015 10:38:09

MWNV 26.09.2015 19:31:19 - 26.09.2015 20:41:19

MWNV 27.09.2015 05:34:28 - 27.09.2015 06:44:28

MWNV 27.09.2015 15:37:38 - 27.09.2015 16:47:38

MWNV 28.09.2015 01:40:47 - 28.09.2015 02:50:47

MWNV 28.09.2015 11:43:57 - 28.09.2015 12:53:57

MWNV 28.09.2015 21:47:06 - 28.09.2015 22:57:06

MWNV 29.09.2015 07:50:16 - 29.09.2015 09:00:16

MWNV 29.09.2015 17:53:25 - 29.09.2015 19:03:25

MOCM 29.09.2015 23:25:00 - 30.09.2015 05:55:00

STP Start time: 22.09.2015 23:25:00

STP End time: 29.09.2015 23:25:00

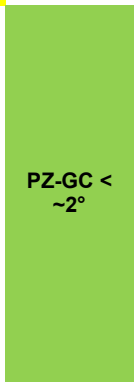
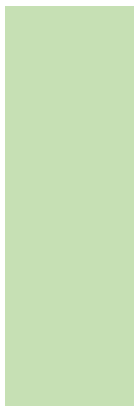
STP076

Start time	Set Time	Instrument	Mode/Seq	Mode/Seq number	Cycle number	Repetition	Duration [s]	Stop time
MOCM 29.09.2015 23:25 - 30.10.2015 05:55								
273_10:30:00	1	COPS	Flight sequence	ARNF015A	0	0	120	273_10:32:00
273_11:30:00	1	COPS	Mode	396	1	0	60	273_11:31:00
MWNV 30.09.2015 09:37 - 30.09.2015 10:47								
MWNV 30.09.2015 19:50 - 30.09.2015 21:00								
MWNV 01.10.2015 06:03 - 01.10.2015 07:13								
274_07:15:00	1	COPS	Mode	332	1	0	60	274_07:16:00
274_09:55:00	1	DFMS	Flight sequence	ARNF100A	0	0	20	274_09:55:20
274_09:55:20	0	DFMS	Flight sequence	ARNF003A	0	0	120	274_09:57:20
274_09:57:20	0	DFMS	Mode	51	11	0	43200	274_21:57:20
MWNV 01.10.2015 16:16 - 01.10.2015 17:26								
274_21:57:20	0	DFMS	Mode	222	0	1	5880	274_23:35:20
274_23:35:20	0	DFMS	Mode	220	0	1	2388	275_00:15:08
275_00:15:08	0	DFMS	Mode	564	0	1	3800	275_01:18:28
275_01:18:28	0	DFMS	Mode	562	0	1	3800	275_02:21:48
275_02:22:00	1	DFMS	Flight sequence	ARNS081B	0	0	10	275_02:22:10
275_02:22:10	0	DFMS	Mode	1	0	0	120	275_02:24:10
MWNV 02.10.2015 02:29 - 02.10.2015 03:39								
275_03:39:00	1	COPS	Mode	332	1	0	60	275_03:40:00
275_03:40:00	1	DFMS	Mode	250	0	1	12024	275_07:00:24
275_07:00:24	0	DFMS	Mode	260	0	1	1728	275_07:29:12
275_07:29:12	0	DFMS	Mode	1060	0	1	320	275_07:34:32
275_07:34:32	0	DFMS	Mode	1062	0	1	600	275_07:44:32
275_07:44:32	0	DFMS	Mode	1070	0	1	720	275_07:56:32
275_07:56:32	0	DFMS	Mode	1072	0	1	780	275_08:09:32
275_08:09:32	0	DFMS	Mode	1012	0	1	16000	275_12:36:12

PZ-GC <
~2°

275_12:37:00	1	DFMS	Flight sequence	ARNS081B	0	0	10	275_12:37:10	
275_12:37:10	0	DFMS	Mode	1	0	0	120	275_12:39:10	
MWNV 02.10.2015 13:42 - 02.10.2015 14:52									
275_13:52:00	1	DFMS	Mode	262	0	1	6480	275_15:40:00	
275_15:00:00	1	COPS	Flight sequence	ARNF016A	0	0	60	275_15:01:00	
275_15:40:00	0	DFMS	Mode	522	0	11	1776	275_16:09:36	
275_16:09:36	0	DFMS	Mode	600	0	0	4600	275_17:26:16	
275_17:26:16	0	DFMS	Mode	522	0	11	1896	275_17:57:52	
275_17:57:52	0	DFMS	Sequence	28	0	5	18840	275_23:11:52	
275_23:15:00	1	DFMS	Flight sequence	ARNS081B	0	0	10	275_23:15:10	
275_23:15:10	0	COPS	Flight sequence	ARNF016B	0	0	60	275_23:16:10	Slew (stepping from ~26° - 58° +X)
275_23:16:10	0	DFMS	Mode	1	0	0	120	275_23:18:10	
275_23:18:10	0	DFMS	Flight sequence	ARNF014B	0	0	125	275_23:20:15	
275_23:20:15	0	DFMS	Flight sequence	ARNF100B	0	0	20	275_23:20:35	
275_23:20:35	0	COPS	Flight sequence	ARNF011A	0	0	210	275_23:24:05	
MOCM 02.10.2015 23:25 - 03.10.2015 05:55									
276_05:55:00	1	COPS	Flight sequence	ARNF015A	0	0	120	276_05:57:00	Slew to +X 90° and stay there
276_05:57:00	0	COPS	Mode	332	1	0	60	276_05:58:00	
276_05:58:00	0	DFMS	Flight sequence	ARNF003A	0	0	120	276_06:00:00	
276_06:00:00	0	DFMS	Flight sequence	ARNF100A	0	0	20	276_06:00:20	
276_06:25:00	1	DFMS	Sequence	22	0	1	10668	276_09:22:48	
276_09:23:00	1	DFMS	Flight sequence	ARNS081B	0	0	10	276_09:23:10	
276_09:23:10	0	DFMS	Mode	1	0	0	120	276_09:25:10	
MWNV 03.10.2015 09:28 - 03.10.2015 10:38									
276_10:50:00	1	COPS	Flight sequence	ARNF016A	0	0	60	276_10:51:00	
276_11:00:00	1	DFMS	Mode	502	0	0	2000	276_11:33:20	

276_11:33:20	0	DFMS	Mode	562	0	0	1900	276_12:05:00
276_12:05:00	0	DFMS	Mode	564	0	0	1900	276_12:36:40
276_12:36:40	0	DFMS	Mode	262	0	0	2880	276_13:24:40
276_13:24:40	0	DFMS	Mode	220	0	0	1194	276_13:44:34
276_15:00:00	1	DFMS	Mode	522	0	9	1480	276_15:24:40
276_15:24:40	0	DFMS	Mode	601	0	0	4600	276_16:41:20
276_16:41:20	0	DFMS	Mode	522	0	9	1600	276_17:08:00
276_17:08:00	0	DFMS	Mode	602	0	0	4480	276_18:22:40
276_18:22:40	0	DFMS	Mode	522	0	9	1480	276_18:47:20
276_18:48:00	1	DFMS	Flight sequence	ARNS081B	0	0	10	276_18:48:10
276_18:48:10	0	DFMS	Mode	1	0	0	120	276_18:50:10
MWNV 03.10.2015 19:31 - 03.10.2015 20:41								
276_20:41:00	1	DFMS	Mode	322	0	1	18120	277_01:43:00
277_01:43:00	0	DFMS	Mode	320	0	0	6900	277_03:38:00
277_03:38:00	0	DFMS	Mode	530	0	0	5212	277_05:04:52
277_05:10:00	1	DFMS	Flight sequence	ARNS081B	0	0	10	277_05:10:10
277_05:10:10	0	DFMS	Mode	1	0	0	120	277_05:12:10
277_05:12:10	0	DFMS	Flight sequence	ARNF100B	0	0	20	277_05:12:30
277_05:12:30	0	DFMS	Flight sequence	ARNF014B	0	0	125	277_05:14:35
277_05:15:00	1	COPS	Flight sequence	ARNF016B	0	0	60	277_05:16:00
277_05:16:00	0	COPS	Flight sequence	ARNF011A	0	0	210	277_05:19:30
MWNV 04.10.2015 05:34 - 04.10.2015 06:44								
MWNV 04.10.2015 15:37 - 04.10.2015 16:47								
MWNV 05.10.2015 01:40 - 05.10.2015 02:50								
MWNV 05.10.2015 11:43 - 05.10.2015 12:53								
MWNV 05.10.2015 21:47 - 05.10.2015 22:57								
MWNV 06.10.2015 07:50 - 06.10.2015 09:00								
MWNV 06.10.2015 17:53 - 06.10.2015 19:03								
MOCM 06.10.2015 23:25 - 07.10.2015 05:55								



PZ-GC <
~2°

STP Start 29.09.2015
time: 23:25:00

STP End time: 06.10.2015
23:25:00

STP077

ROSINA didn't operate during STP077.

STP Start 06/10/2015
time: 23:25:00
STP End 13/10/2015
time: 23:25:00

STP078

Start time	Set Time	Instrument	Mode/Seq	Mode/Seq number	Cycle number	Repetition	Duration [s]	Stop time
MTP_021	FDDF.xml	SC	MOCM	13/10/2015 23:25	14/10/2015 05:55			
287_05:55:00	1	ROSINA	Flight sequence	ARNF050A_M	0	0	120	287_05:57:00
287_05:57:00	0	ROSINA	Flight sequence	ARNF002A	0	0	220	287_06:00:40
287_06:00:40	0	COPS	Flight sequence	ARNF015A	0	0	120	287_06:02:40
287_06:02:40	0	COPS	Mode	332	1	0	60	287_06:03:40
287_06:03:40	0	DFMS	Flight sequence	ARNF003A	0	0	120	287_06:05:40
287_06:05:40	0	DFMS	Flight sequence	ARNF100A	0	0	20	287_06:06:00
287_06:06:00	0	DFMS	Mode	215	0	2	3462	287_07:03:42
287_06:40:20	1	COPS	Flight sequence	ARNF016A	0	0	60	287_06:41:20

287_07:03:42	0	DFMS	Mode	245	0	1	2400	287_07:43:42
287_07:43:42	0	DFMS	Mode	215	0	5	5184	287_09:10:06
287_09:32:00	1	DFMS	Flight sequence	ARNS081B	0	0	10	287_09:32:10
287_09:32:10	0	DFMS	Mode	1	0	0	120	287_09:34:10
MTP_021	FDDF.xml	SC	MWNV	14/10/2015 09:37	14/10/2015 10:47			
287_10:47:00	1	DFMS	Mode	222	0	11	31680	287_19:35:00
287_19:40:00	1	DFMS	Flight sequence	ARNS081B	0	0	10	287_19:40:10
287_19:40:10	0	DFMS	Mode	1	0	0	120	287_19:42:10
MTP_021	FDDF.xml	SC	MWNV	14/10/2015 19:50	14/10/2015 21:00			
287_21:00:00	1	DFMS	Mode	222	0	11	31680	288_05:48:00
288_05:55:00	1	DFMS	Flight sequence	ARNS081B	0	0	10	288_05:55:10
288_05:55:10	0	DFMS	Mode	1	0	0	120	288_05:57:10
MTP_021	FDDF.xml	SC	MWNV	15/10/2015 06:03	15/10/2015 07:13			
288_07:13:00	1	DFMS	Mode	222	0	11	31680	288_16:01:00
288_16:10:00	1	DFMS	Flight sequence	ARNS081B	0	0	10	288_16:10:10
288_16:10:10	0	DFMS	Mode	1	0	0	120	288_16:12:10
MTP_021	FDDF.xml	SC	MWNV	15/10/2015 16:16	15/10/2015 17:26			
288_17:26:00	1	DFMS	Mode	222	0	11	31680	289_02:14:00
289_02:20:00	1	DFMS	Flight sequence	ARNS081B	0	0	10	289_02:20:10
289_02:20:10	0	DFMS	Mode	1	0	0	120	289_02:22:10
MTP_021	FDDF.xml	SC	MWNV	16/10/2015 02:29	16/10/2015 03:39			
289_03:39:00	1	DFMS	Mode	222	0	11	31680	289_12:27:00
289_12:35:00	1	DFMS	Flight sequence	ARNS081B	0	0	10	289_12:35:10
289_12:35:10	0	DFMS	Mode	1	0	0	120	289_12:37:10
MTP_021	FDDF.xml	SC	MWNV	16/10/2015 12:42	16/10/2015 13:52			
289_13:52:00	1	DFMS	Mode	222	0	11	31680	289_22:40:00
289_22:40:00	0	DFMS	Mode	502	0	0	1280	289_23:01:20
289_23:01:20	0	DFMS	Flight sequence	ARNS081B	0	0	10	289_23:01:30
289_23:01:30	0	DFMS	Mode	1	0	0	120	289_23:03:30
289_23:03:30	0	DFMS	Flight sequence	ARNF100B	0	0	20	289_23:03:50
289_23:03:50	0	DFMS	Flight sequence	ARNF014B	0	0	125	289_23:05:55

289_23:19:55	1	COPS	Flight sequence	ARNF016B	0	0	60	289_23:20:55
289_23:20:55	0	COPS	Flight sequence	ARNF011A	0	0	210	289_23:24:25
MTP_021	FDDF.xml	SC	MOCM	16/10/2015 23:25	17/10/2015 05:55			
290_05:55:00	1	COPS	Flight sequence	ARNF015A	0	0	120	290_05:57:00
290_05:57:00	0	COPS	Mode	332	1	0	60	290_05:58:00
290_05:58:00	0	DFMS	Flight sequence	ARNF003A	0	0	120	290_06:00:00
290_06:00:00	0	DFMS	Flight sequence	ARNF100A	0	0	20	290_06:00:20
290_06:00:20	0	DFMS	Mode	245	0	2	4200	290_07:10:20
290_06:40:20	1	COPS	Flight sequence	ARNF016A	0	0	60	290_06:41:20
290_07:10:20	0	DFMS	Mode	215	0	5	5184	290_08:36:44
290_08:36:44	0	DFMS	Mode	245	0	1	2400	290_09:16:44
290_09:22:44	1	DFMS	Flight sequence	ARNS081B	0	0	10	290_09:22:54
290_09:22:54	0	DFMS	Mode	1	0	0	120	290_09:24:54
MTP_021	FDDF.xml	SC	MWNV	17/10/2015 09:28	17/10/2015 10:38			
290_10:38:00	1	DFMS	Mode	222	0	11	31680	290_19:26:00
290_19:26:00	0	DFMS	Flight sequence	ARNS081B	0	0	10	290_19:26:10
290_19:26:10	0	DFMS	Mode	1	0	0	120	290_19:28:10
MTP_021	FDDF.xml	SC	MWNV	17/10/2015 19:31	17/10/2015 20:41			
290_20:41:00	1	DFMS	Mode	222	0	11	31680	291_05:29:00
291_05:29:00	0	DFMS	Flight sequence	ARNS081B	0	0	10	291_05:29:10
291_05:29:10	0	DFMS	Mode	1	0	0	120	291_05:31:10
MTP_021	FDDF.xml	SC	MWNV	18/10/2015 05:34	18/10/2015 06:44			
291_06:44:00	1	DFMS	Mode	222	0	11	31680	291_15:32:00
291_15:34:00	1	DFMS	Flight sequence	ARNS081B	0	0	10	291_15:34:10
291_15:34:10	0	DFMS	Mode	1	0	0	120	291_15:36:10
MTP_021	FDDF.xml	SC	MWNV	18/10/2015 15:37	18/10/2015 16:47			
291_16:47:00	1	DFMS	Mode	222	0	11	31680	292_01:35:00
292_01:35:00	0	DFMS	Flight sequence	ARNS081B	0	0	10	292_01:35:10
292_01:35:10	0	DFMS	Mode	1	0	0	120	292_01:37:10
MTP_021	FDDF.xml	SC	MWNV	19/10/2015 01:40	19/10/2015 02:50			

292_02:50:00	1	DFMS	Mode	222	0	11	31680	292_11:38:00
292_11:40:00	1	DFMS	Flight					
292_11:40:10	0	DFMS	sequence	ARNS081B	0	0	10	292_11:40:10
			Mode	1	0	0	120	292_11:42:10
MTP_021	FDDF.xml	SC	MWNV	19/10/2015 11:43	19/10/2015 12:53			
292_12:53:00	1	DFMS	Mode	222	0	11	31680	292_21:41:00
292_21:44:00	1	DFMS	Flight					
292_21:44:10	0	DFMS	sequence	ARNS081B	0	0	10	292_21:44:10
			Mode	1	0	0	120	292_21:46:10
MTP_021	FDDF.xml	SC	MWNV	19/10/2015 21:47	19/10/2015 22:57			
292_22:57:00	1	DFMS	Mode	222	0	11	31680	293_07:45:00
293_07:47:00	1	DFMS	Flight					
293_07:47:10	0	DFMS	sequence	ARNS081B	0	0	10	293_07:47:10
			Mode	1	0	0	120	293_07:49:10
MTP_021	FDDF.xml	SC	MWNV	20/10/2015 07:50	20/10/2015 09:00			
293_09:00:00	1	DFMS	Mode	222	0	11	31680	293_17:48:00
293_17:50:00	1	DFMS	Flight					
293_17:50:10	0	DFMS	sequence	ARNS081B	0	0	10	293_17:50:10
			Mode	1	0	0	120	293_17:52:10
MTP_021	FDDF.xml	SC	MWNV	20/10/2015 17:53	20/10/2015 19:03			
293_19:03:00	1	DFMS	Mode	222	0	4	13620	293_22:50:00
293_22:50:00	0	DFMS	Mode	502	0	0	1280	293_23:11:20
293_23:11:20	0	DFMS	Flight					
293_23:11:30	0	DFMS	sequence	ARNS081B	0	0	10	293_23:11:30
293_23:11:30	0	DFMS	Mode	1	0	0	120	293_23:13:30
293_23:13:30	0	DFMS	Flight					
293_23:13:30	0	DFMS	sequence	ARNF100B	0	0	20	293_23:13:50
293_23:13:50	0	DFMS	Flight					
293_23:13:50	0	DFMS	sequence	ARNF014B	0	0	125	293_23:15:55
293_23:15:55	0	COPS	Flight					
293_23:15:55	0	COPS	sequence	ARNF016B	0	0	60	293_23:16:55
293_23:16:55	0	COPS	Flight					
293_23:16:55	0	COPS	sequence	ARNF011A	0	0	210	293_23:20:25

STP Start

time: 14/10/2015 05:55:00

STP End time: 20/10/2015 23:25:00

