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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>MTP014</i>	STP047	VSTP088	2015-03-10T23:25:00	2015-03-13T23:25:00
		VSTP089	2015-03-13T23:25:00	2015-03-17T23:25:00
	STP048	VSTP090	2015-03-17T23:25:00	2015-03-20T23:25:00
		VSTP091	2015-03-20T23:25:00	2015-03-24T23:25:00
	STP049	VSTP092	2015-03-24T23:25:00	2015-03-27T23:25:00
		VSTP093	2015-03-27T23:25:00	2015-03-31T23:25:00
STP050	VSTP094	2015-03-31T23:25:00	2015-04-03T23:25:00	
	VSTP095	2015-04-03T23:25:00	2015-04-08T11:25:00	
<i>MTP015</i>	STP051	VSTP096	2015-04-08T11:25:00	2015-04-10T23:25:00
		VSTP097	2015-04-10T23:25:00	2015-04-14T23:25:00
	STP052	VSTP098	2015-04-14T23:25:00	2015-04-17T23:25:00
		VSTP099	2015-04-17T23:25:00	2015-04-21T23:25:00
	STP053	VSTP100	2015-04-21T23:25:00	2015-04-24T23:25:00
		VSTP101	2015-04-24T23:25:00	2015-04-28T23:25:00
STP054	VSTP102	2015-04-28T23:25:00	2015-05-01T23:25:00	
	VSTP103	2015-05-01T23:25:00	2015-05-05T23:25:00	
<i>MTP016</i>	STP055	VSTP104	2015-05-05T23:25:00	2015-05-08T23:25:00
		VSTP105	2015-05-08T23:25:00	2015-05-12T23:25:00
	STP056	VSTP106	2015-05-12T23:25:00	2015-05-15T23:25:00
		VSTP107	2015-05-15T23:25:00	2015-05-19T23:25:00
	STP057	VSTP108	2015-05-19T23:25:00	2015-05-22T23:25:00
		VSTP109	2015-05-22T23:25:00	2015-05-27T11:25:00
STP058	VSTP110	2015-05-27T11:25:00	2015-05-29T23:25:00	
	VSTP111	2015-05-29T23:25:00	2015-06-02T23:25:00	

MTP017	STP059	VSTP112	2015/06/02T23:25:00	2015/06/05T23:25:00
		VSTP113	2015/06/05T23:25:00	2015/06/09T23:25:00
	STP060	VSTP114	2015/06/09T23:25:00	2015/06/12T23:25:00
		VSTP115	2015/06/12T23:25:00	2015/06/16T23:25:00
	STP061	VSTP116	2015/06/16T23:25:00	2015/06/19T23:25:00
		VSTP117	2015/06/19T23:25:00	2015/06/23T23:25:00
	STP062	VSTP118	2015/06/23T23:25:00	2015/06/26T23:25:00
		VSTP119	2015/06/26T23:25:00	2015/06/30T23:25:00

STP047

Start time	Set Time	Instrument	Mode/Sequence	Mode/Sequence number	Cycle number	Repetition	Duration [s]	Stop time
MOCM 23:25 => 02:35								
070_02:35:00	1	COPS	Flight sequence	ARNF015A	0	0	120	070_02:37:00
070_02:37:00	0	COPS	Mode	322	1	0	60	070_02:38:00
070_02:38:00	0	DFMS	Flight sequence	ARNF003A	0	0	120	070_02:40:00
070_02:40:00	0	DFMS	Mode	222	0	8	24840	070_09:34:00
070_09:34:00	0	DFMS	Flight sequence	ARNS081B	0	0	10	070_09:34:10
070_09:34:10	0	DFMS	Mode	1	0	0	120	070_09:36:10
MWNV 09:38 => 10:38								
070_10:38:10	1	DFMS	Mode	215	0	20	18744	070_15:50:34
070_15:50:34	0	DFMS	Mode	215	0	14	12960	070_19:26:34
070_19:32:34	1	DFMS	Flight sequence	ARNS081B	0	0	10	070_19:32:44
070_19:32:44	0	DFMS	Mode	1	0	0	120	070_19:34:44
MWNV 19:52 => 20:52								
070_20:52:00	1	DFMS	Mode	1042	0	20	7440	070_22:56:00
070_22:56:00	0	DFMS	Mode	1042	0	20	6720	071_00:48:00
071_00:48:00	0	DFMS	Mode	1042	0	20	6720	071_02:40:00
071_02:40:00	0	DFMS	Mode	1042	0	20	6720	071_04:32:00
071_04:32:00	0	DFMS	Mode	1042	0	15	5120	071_05:57:20
071_05:57:20	0	DFMS	Flight sequence	ARNS081B	0	0	10	071_05:57:30
071_05:57:30	0	DFMS	Mode	1	0	0	120	071_05:59:30
MWNV 06:05 => 07:05								
071_07:05:00	1	DFMS	Mode	220	0	20	25794	071_14:14:54
071_14:14:54	0	DFMS	Mode	220	0	5	7164	071_16:14:18
071_16:16:18	1	DFMS	Flight sequence	ARNS081B	0	0	10	071_16:16:28
071_16:16:28	0	DFMS	Mode	1	0	0	120	071_16:18:28
MWNV 16:19 => 17:19								
071_17:19:00	1	DFMS	Mode	260	0	20	18864	071_22:33:24
071_22:33:24	0	DFMS	Mode	260	0	15	13824	072_02:23:48
072_02:26:48	1	DFMS	Flight sequence	ARNS081B	0	0	10	072_02:26:58
072_02:26:58	0	DFMS	Mode	1	0	0	120	072_02:28:58
MWNV 02:32 => 03:32								
072_03:32:00	1	DFMS	Mode	232	0	15	30950	072_12:07:50
072_12:07:50	0	DFMS	Flight sequence	ARNS081B	0	0	10	072_12:08:00
072_12:08:00	0	DFMS	Mode	1	0	0	120	072_12:10:00
072_12:10:00	0	DFMS	Flight sequence	ARNF014B	0	0	125	072_12:12:05
MWNV 12:46 => 13:46								

072_23:20:00	1	COPS	Flight sequence	ARNF011A	0	0	210	072_23:23:30
MOCM 23:25 => 02:35								
073_02:35:00	1	COPS	Flight sequence	ARNF015A	0	0	120	073_02:37:00
073_02:37:00	0	COPS	Mode	322	1	0	60	073_02:38:00
073_02:38:00	0	DFMS	Flight sequence	ARNF003A	0	0	120	073_02:40:00
073_02:40:00	0	DFMS	Mode	262	0	7	23760	073_09:16:00
073_09:22:00	1	DFMS	Flight sequence	ARNS081B	0	0	10	073_09:22:10
073_09:22:10	0	DFMS	Mode	1	0	0	120	073_09:24:10
MWNV 09:28 => 10:28								
073_10:28:00	1	DFMS	Mode	222	0	11	31680	073_19:16:00
073_19:25:00	1	DFMS	Flight sequence	ARNS081B	0	0	10	073_19:25:10
073_19:25:10	0	DFMS	Mode	1	0	0	120	073_19:27:10
MWNV 19:32 => 20:32								
073_20:32:00	1	DFMS	Mode	215	0	20	18744	074_01:44:24
074_01:44:24	0	DFMS	Mode	215	0	14	12960	074_05:20:24
074_05:30:00	1	DFMS	Flight sequence	ARNS081B	0	0	10	074_05:30:10
074_05:30:10	0	DFMS	Mode	1	0	0	120	074_05:32:10
MWNV 05:36 => 06:36								
074_06:36:00	1	DFMS	Mode	222	0	2	8460	074_08:57:00
074_08:57:00	0	DFMS	Mode	601	0	0	4600	074_10:13:40
074_10:13:40	0	DFMS	Mode	602	0	0	4600	074_11:30:20
074_11:30:20	0	DFMS	Mode	601	0	0	4600	074_12:47:00
074_12:47:00	0	DFMS	Mode	222	0	2	7860	074_14:58:00
074_15:05:00	1	DFMS	Flight sequence	ARNS081B	0	0	10	074_15:05:10
074_15:05:10	0	DFMS	Mode	1	0	0	120	074_15:07:10
MWNV 15:39 => 16:39								
074_16:39:00	1	DFMS	Mode	222	0	11	31680	075_01:27:00
075_01:30:00	1	DFMS	Flight sequence	ARNS081B	0	0	10	075_01:30:10
075_01:30:10	0	DFMS	Mode	1	0	0	120	075_01:32:10
MWNV 01:43 => 02:43								
075_02:43:00	1	DFMS	Mode	222	0	4	13620	075_06:30:00
075_06:30:00	0	DFMS	Flight sequence	ARNS081B	0	0	10	075_06:30:10
075_06:30:10	0	DFMS	Mode	1	0	0	120	075_06:32:10
075_06:32:10	0	DFMS	Flight sequence	ARNF014B	0	0	125	075_06:34:15
075_06:34:15	0	COPS	Flight sequence	ARNF011A	0	0	210	075_06:37:45
075_06:37:45	0	ROSINA	Flight sequence	ARNF051A	0	0	60	075_06:38:45
SW upload								

STP048

Start time	Set Time	Instrument	Mode/Sequence	Mode/Sequence number	Cycle number	Repetition	Duration [s]	Stop time
MOCM 23:25 => 02:35								
077_02:35:00	1	COPS	Flight sequence	ARNF015A	0	0	120	077_02:37:00
077_02:37:00	0	COPS	Mode	332	1	0	60	077_02:38:00
077_02:38:00	0	DFMS	Flight sequence	ARNF003A	0	0	120	077_02:40:00
077_02:40:00	0	DFMS	Mode	502	0	2	4960	077_04:02:40
077_04:02:40	0	DFMS	Mode	572	0	2	2100	077_04:37:40
077_04:37:40	0	DFMS	Mode	582	0	2	750	077_04:50:10
077_05:20:00	1	DFMS	Flight sequence	ARNS081B	0	0	10	077_05:20:10
077_05:20:10	0	DFMS	Mode	1	0	0	120	077_05:22:10
077_05:22:10	0	DFMS	Mode	562	0	1	4350	077_06:34:40
077_06:34:40	0	DFMS	Mode	564	0	1	3800	077_07:38:00
077_07:38:00	0	DFMS	Sequence	77	0	1	6760	077_09:30:40
077_09:33:00	1	DFMS	Flight sequence	ARNS081B	0	0	10	077_09:33:10
077_09:33:10	0	DFMS	Mode	1	0	0	120	077_09:35:10
MWNV 09:38 => 10:38								
077_10:38:00	1	DFMS	Sequence	73	0	1	7480	077_12:42:40
077_12:00:00	1	COPS	Mode	336	1	0	60	077_12:01:00
077_12:30:00	1	COPS	Flight sequence	ARNF016A	0	0	60	077_12:31:00
077_12:42:40	0	DFMS	Mode	620	0	0	4600	077_13:59:20
077_13:59:20	0	DFMS	Mode	621	0	0	4600	077_15:16:00
077_15:16:00	0	DFMS	Mode	622	0	0	4600	077_16:32:40
077_16:32:40	0	DFMS	Mode	602	0	0	4480	077_17:47:20
077_17:15:00	1	COPS	Flight sequence	ARNF016B	0	0	60	077_17:16:00
077_19:30:00	1	DFMS	Flight sequence	ARNS081B	0	0	10	077_19:30:10
077_19:30:10	0	DFMS	Mode	1	0	0	120	077_19:32:10
MWNV 19:42 => 20:52								
077_20:52:00	1	DFMS	Sequence	69	0	1	9936	077_23:37:36
077_23:30:00	1	COPS	Flight sequence	ARNF016A	0	0	60	077_23:31:00
077_23:37:36	0	DFMS	Mode	630	0	0	4600	078_00:54:16
078_00:54:16	0	DFMS	Mode	631	0	0	4600	078_02:10:56
078_02:10:56	0	DFMS	Mode	632	0	0	4600	078_03:27:36
078_03:27:36	0	DFMS	Mode	602	0	0	4480	078_04:42:16
078_05:55:00	1	COPS	Flight sequence	ARNF016B	0	0	60	078_05:56:00
078_06:00:00	1	DFMS	Flight sequence	ARNS081B	0	0	10	078_06:00:10
078_06:00:10	0	DFMS	Mode	1	0	0	120	078_06:02:10
078_06:02:10	0	DFMS	Flight sequence	ARNF014B	0	0	125	078_06:04:15

Test new pixel gain modes

Test new pixel gain modes

MWNV 06:05 => 07:05									
078_07:05:00	1	COPS	Mode	332	1	0	60	078_07:06:00	
078_07:06:00	1	RTOF	Flight sequence	ARNF004A	0	0	120	078_07:08:00	
078_07:08:00	0	RTOF	Flight sequence	ARNS061A	2	0	120	078_07:10:00	cover to absolute postion 2
078_07:12:30	1	RTOF	Flight sequence	ARNS061A	1	0	120	078_07:14:30	cover to absolute postion 1
078_07:17:00	1	RTOF	Mode	521	15	0	4280	078_08:28:20	
078_08:28:20	0	RTOF	Mode	861	2	0	700	078_08:40:00	
078_08:40:00	0	RTOF	Mode	871	2	0	680	078_08:51:20	
078_08:51:20	0	RTOF	Mode	522	2	0	1300	078_09:13:00	
078_09:13:00	0	RTOF	Mode	181	2	0	740	078_09:25:20	
078_09:25:20	0	RTOF	Mode	511	2	0	700	078_09:37:00	
078_09:37:00	0	RTOF	Flight sequence	ARNS041A_RTOF	0	0	60	078_09:38:00	set compression mode 0
078_09:38:00	0	RTOF	Mode	526	2	0	700	078_09:49:40	
078_09:50:00	1	RTOF	Mode	527	2	0	1280	078_10:11:20	
078_10:11:20	0	RTOF	Mode	528	2	0	1280	078_10:32:40	uncompressed spectra (5 and 2 kHz), and for "curiosity" 10 kHz modi
078_10:32:40	0	RTOF	Mode	529	2	0	1850	078_11:03:30	
078_11:03:30	0	RTOF	Mode	521	9	0	2150	078_11:39:20	
078_11:39:20	0	RTOF	Mode	522	9	0	4150	078_12:48:30	
078_12:48:30	0	RTOF	Flight sequence	ARNS041A_RTOF	25	0	60	078_12:49:30	set compression mode 25
078_12:50:00 don't forget to put MCP_SS = +2700 V as manual command									
078_12:51:00	1	RTOF	Mode	511	15	0	3430	078_13:48:10	
078_13:48:10	0	RTOF	Mode	521	15	0	3430	078_14:45:20	
078_14:47:00 don't forget to put MCP_SS = +2750 V as manual command									
078_14:48:00	1	RTOF	Mode	1	0	0	240	078_14:52:00	
078_14:52:00	0	RTOF	Flight sequence	ARNF014A	0	0	120	078_14:54:00	
078_15:00:00	1	RTOF	Flight sequence	ARNF004A	0	0	120	078_15:02:00	
078_15:02:00	0	RTOF	Mode	523	15	0	4280	078_16:13:20	
MWNV 16:19 => 17:19									
078_17:19:00	1	RTOF	Mode	524	2	0	1280	078_17:40:20	
078_17:40:20	0	RTOF	Mode	183	2	0	740	078_17:52:40	
078_17:52:40	0	RTOF	Mode	513	2	0	700	078_18:04:20	
078_18:04:20	0	RTOF	Flight sequence	ARNS041A_RTOF	0	0	60	078_18:05:20	set compression mode 0
078_18:05:20	0	RTOF	Mode	553	2	0	700	078_18:17:00	
078_18:17:00	1	RTOF	Mode	554	2	0	1280	078_18:38:20	uncompressed spectra (5 kHz), and for "curiosity" 10 kHz modi
078_18:38:20	0	RTOF	Mode	523	4	0	1050	078_18:55:50	
078_18:55:50	0	RTOF	Mode	524	4	0	2050	078_19:30:00	
078_19:30:00	0	RTOF	Flight sequence	ARNS041A_RTOF	25	0	60	078_19:31:00	set compression mode 25
don't forget to put MCP_OS = +2700 V as manual command									
078_19:34:30	1	RTOF	Mode	513	15	0	3430	078_20:31:40	
078_20:31:40	0	RTOF	Mode	523	15	0	3430	078_21:28:50	

don't forget to put MCP_OS = +2750 V as manual command								
078_21:31:30	1	RTOF	Mode	1	0	0	240	078_21:35:30
078_21:35:30	0	RTOF	Flight sequence	ARNF014A	0	0	120	078_21:37:30
078_21:40:00	1	RTOF	Flight sequence	ARNF004A	0	0	120	078_21:42:00
078_21:42:00	0	RTOF	Mode	502	2	0	1430	078_22:05:50
078_22:05:50	0	RTOF	Mode	504	2	0	680	078_22:17:10
078_22:17:10	0	RTOF	Mode	510	2	0	680	078_22:28:30
078_22:28:30	0	RTOF	Mode	512	2	0	1280	078_22:49:50
078_22:49:50	0	RTOF	Mode	514	2	0	1280	078_23:11:10
078_23:11:10	0	RTOF	Mode	520	2	0	1280	078_23:32:30
078_23:32:30	0	RTOF	Flight sequence	ARNS041A_RTOF	0	0	60	078_23:33:30
078_23:33:30	0	RTOF	Mode	507	2	0	680	078_23:44:50
078_23:45:00	1	RTOF	Mode	517	2	0	1280	079_00:06:20
079_00:06:20	0	RTOF	Flight sequence	ARNS041A_RTOF	25	0	60	079_00:07:20
079_00:07:20	0	RTOF	Mode	1	0	0	240	079_00:11:20
079_00:11:20	0	RTOF	Flight sequence	ARNF014A	0	0	120	079_00:13:20
MWNV 02:32 => 03:32								
079_03:32:00	1	COPS	Mode	332	1	0	60	079_03:33:00
MWNV 12:46 => 13:46								
079_23:21:00	1	COPS	Flight sequence	ARNF011A	0	0	210	079_23:24:30
MOCM 23:25 => 02:35								
080_02:35:00	1	COPS	Flight sequence	ARNF015A	0	0	120	080_02:37:00
080_02:37:00	0	COPS	Mode	336	1	0	60	080_02:38:00
MWNV 09:28 => 10:28								
080_10:28:00	1	DFMS	Flight sequence	ARNF003A	0	0	120	080_10:30:00
080_10:30:00	0	COPS	Flight sequence	ARNF016A	0	0	60	080_10:31:00
080_10:31:00	0	DFMS	Mode	522	0	10	2018	080_11:04:38
080_11:04:38	0	DFMS	Mode	602	0	0	4480	080_12:19:18
080_12:19:18	0	DFMS	Mode	522	0	11	1536	080_12:44:54
080_12:44:54	0	DFMS	Mode	602	0	0	4480	080_13:59:34
080_13:59:34	0	DFMS	Mode	522	0	11	1536	080_14:25:10
080_14:25:10	0	DFMS	Mode	602	0	0	4480	080_15:39:50
080_15:39:50	0	DFMS	Mode	522	0	12	1664	080_16:07:34
080_16:07:34	0	DFMS	Mode	602	0	0	4480	080_17:22:14
080_17:22:14	0	DFMS	Mode	522	0	12	1664	080_17:49:58
080_17:49:58	0	DFMS	Mode	602	0	0	4480	080_19:04:38
080_19:04:38	0	DFMS	Mode	522	0	10	1408	080_19:28:06
080_19:28:10	1	DFMS	Flight sequence	ARNS081B	0	0	10	080_19:28:20
080_19:28:20	0	DFMS	Mode	1	0	0	120	080_19:30:20
MWNV 19:32=> 20:32								

set compression mode 0

uncompressed spectra (5 kHz)

set compression mode 25

only COPS on

080_20:32:00	1	COPS	Mode	336	1	0	60	080_20:33:00
080_20:33:00	1	DFMS	Mode	502	0	2	4560	080_21:49:00
080_21:49:00	0	DFMS	Mode	522	0	12	1664	080_22:16:44
080_22:16:44	0	DFMS	Mode	602	0	0	4480	080_23:31:24
080_23:31:24	0	DFMS	Mode	522	0	12	1664	080_23:59:08
080_23:59:08	0	DFMS	Mode	622	0	0	4480	081_01:13:48
081_01:13:48	0	DFMS	Mode	522	0	12	1664	081_01:41:32
081_01:41:32	0	DFMS	Mode	632	0	0	4480	081_02:56:12
081_02:56:12	0	DFMS	Mode	522	0	12	1664	081_03:23:56
081_03:23:56	0	DFMS	Mode	602	0	0	4480	081_04:38:36
081_04:38:36	0	DFMS	Mode	522	0	12	1664	081_05:06:20
081_05:30:00	1	DFMS	Flight sequence	ARNS081B	0	0	10	081_05:30:10
081_05:30:10	0	DFMS	Mode	1	0	0	120	081_05:32:10
MWNV 05:36=> 06:36								
081_06:36:00	0	COPS	Mode	336	1	0	60	081_06:37:00
081_06:38:00	1	DFMS	Mode	522	0	20	3298	081_07:32:58
081_07:32:58	0	DFMS	Mode	600	0	0	4600	081_08:49:38
081_08:49:38	0	DFMS	Mode	522	0	12	1784	081_09:19:22
081_09:19:22	0	DFMS	Mode	620	0	0	4600	081_10:36:02
081_10:36:02	0	DFMS	Mode	522	0	12	1784	081_11:05:46
081_11:05:46	0	DFMS	Mode	630	0	0	4600	081_12:22:26
081_12:22:26	0	DFMS	Mode	522	0	12	1784	081_12:52:10
081_12:52:10	0	DFMS	Mode	600	0	0	4600	081_14:08:50
081_14:08:50	0	DFMS	Mode	522	0	12	1784	081_14:38:34
081_14:38:34	0	DFMS	Mode	522	0	15	2048	081_15:12:42
081_15:34:00	1	DFMS	Flight sequence	ARNS081B	0	0	10	081_15:34:10
081_15:34:10	0	DFMS	Mode	1	0	0	120	081_15:36:10
MWNV 15:39=> 16:39								
081_16:39:00	1	COPS	Mode	336	1	0	60	081_16:40:00
081_16:41:00	1	DFMS	Mode	522	0	20	3298	081_17:35:58
081_17:35:58	0	DFMS	Mode	601	0	0	4600	081_18:52:38
081_18:52:38	0	DFMS	Mode	522	0	17	2424	081_19:33:02
081_19:33:02	0	DFMS	Mode	621	0	0	4600	081_20:49:42
081_20:49:42	0	DFMS	Mode	522	0	17	2424	081_21:30:06
081_21:30:06	0	DFMS	Mode	631	0	0	4600	081_22:46:46
081_22:46:46	0	DFMS	Mode	522	0	17	2424	081_23:27:10
081_23:27:10	0	DFMS	Mode	601	0	0	4600	082_00:43:50
082_00:43:50	0	DFMS	Mode	522	0	20	2808	082_01:30:38
082_01:38:00	1	DFMS	Flight sequence	ARNS081B	0	0	10	082_01:38:10
082_01:38:10	0	DFMS	Mode	1	0	0	120	082_01:40:10

082_01:39:10	0	COPS	Flight sequence	ARNF016B	0	0	60	082_01:40:10
MWNV 01:43=> 02:43								
082_02:43:00	1	COPS	Mode	332	1	0	60	082_02:44:00
082_02:45:00	1	DFMS	Mode	222	0	0	3300	082_03:40:00
082_03:40:00	0	DFMS	Mode	200	0	0	1194	082_03:59:54
082_03:59:54	0	DFMS	Mode	1	0	0	120	082_04:01:54
082_04:01:54	0	DFMS	Mode	1060	0	10	2220	082_04:38:54
082_04:38:54	0	DFMS	Mode	1062	0	3	1200	082_04:58:54
082_04:58:54	0	DFMS	Mode	1070	0	10	3960	082_06:04:54
082_06:04:54	0	DFMS	Mode	1072	0	3	1560	082_06:30:54
082_06:30:54	0	DFMS	Sequence	59	0	3	5080	082_07:55:34
082_07:53:34	0	DFMS	Sequence	64	0	2	6660	082_09:44:34
082_11:30:00	1	DFMS	Flight sequence	ARNS081B	0	0	10	082_11:30:10
082_11:30:10	0	DFMS	Mode	1	0	0	120	082_11:32:10
082_11:32:10	0	DFMS	Flight sequence	ARNF014B	0	0	125	082_11:34:15
MWNV 11:47=> 12:47								
082_12:47:00	1	COPS	Mode	332	1	0	60	082_12:48:00
MWNV 21:50=> 22:50								
082_22:50:00	1	COPS	Mode	332	1	0	60	082_22:51:00
MWNV 07:54=> 08:54								
083_08:54:00	1	COPS	Mode	332	1	0	60	083_08:55:00
MWNV 17:58=>18:58								
083_18:58:00	1	COPS	Mode	332	1	0	60	083_18:59:00
083_23:20:00	1	COPS	Flight sequence	ARNF011A	0	0	210	083_23:23:30
MOCM 23:25 => 02:35								

STP049

Start time	Set Time	Instrument	Mode/Sequence	Mode/Sequence number	Cycle number	Repetition	Duration [s]	Stop time
23:25 - 02:35 MOCM								
084_02:35:00	1	COPS	Flight sequence	ARNF015A	0	0	120	084_02:37:00
084_02:37:00	0	COPS	Mode	332	1	0	60	084_02:38:00
084_02:38:00	0	RTOF	Flight sequence	ARNF004A	0	0	120	084_02:40:00
084_02:40:00	0	RTOF	Mode	523	15	4	17920	084_07:38:40
084_02:41:00	0	DFMS	Flight sequence	ARNF003A	0	0	120	084_02:43:00
084_02:43:00	0	DFMS	Mode	222	0	7	22260	084_08:54:00
084_07:38:40	0	RTOF	Mode	183	3	0	950	084_07:54:30
084_07:54:30	0	RTOF	Mode	513	10	0	2380	084_08:34:10

084_08:34:10	0	RTOF	Mode	173	2	0	740	084_08:46:30
084_08:46:30	1	Set MCP_OS = 2'700V (old value)						
084_08:47:30	1	RTOF	Mode	173	2	0	680	084_08:58:50
084_08:58:50	0	RTOF	Mode	513	10	0	2360	084_09:38:10
084_09:30:00	1	DFMS	Flight sequence	ARNS081B	0	0	10	084_09:30:10
084_09:30:10	0	DFMS	Mode	1	0	0	120	084_09:32:10
084_09:38:10	1	Set MCP_OS = 2'750V (new value)						
084_09:39:10	1	RTOF	Mode	523	0	0	280	084_09:43:50
09:38 - 10:38 WMNV								
084_10:38:00	1	DFMS	Mode	222	0	11	31680	084_19:26:00
084_10:39:00	1	RTOF	Mode	523	13	10	32890	084_19:47:10
084_19:47:00	1	DFMS	Flight sequence	ARNS081B	0	0	10	084_19:47:10
084_19:47:10	0	DFMS	Mode	1	0	0	120	084_19:49:10
19:52 - 20:52 WMNV								
084_20:52:00	1	COPS	Mode	332	1	0	60	084_20:53:00
084_20:53:00	1	DFMS	Mode	222	0	11	31680	085_05:41:00
084_20:54:00	1	RTOF	Mode	523	13	10	32890	085_06:02:10
085_06:00:00	1	DFMS	Flight sequence	ARNS081B	0	0	10	085_06:00:10
085_06:00:10	0	DFMS	Mode	1	0	0	120	085_06:02:10
06:05 - 07:05 WMNV								
085_07:05:00	1	DFMS	Mode	222	0	11	31680	085_15:53:00
085_07:06:00	1	RTOF	Mode	523	13	10	32890	085_16:14:10
085_16:14:00	1	DFMS	Flight sequence	ARNS081B	0	0	10	085_16:14:10
085_16:14:10	0	DFMS	Mode	1	0	0	120	085_16:16:10
16:19 - 17:19 WMNV								
085_17:19:00	1	COPS	Mode	332	1	0	60	085_17:20:00
085_17:20:00	1	DFMS	Mode	222	0	11	31680	086_02:08:00
085_17:21:00	1	RTOF	Mode	523	13	10	32890	086_02:29:10
086_02:27:00	1	DFMS	Flight sequence	ARNS081B	0	0	10	086_02:27:10
086_02:27:10	0	DFMS	Mode	1	0	0	120	086_02:29:10
02:32 - 03:32 WMNV								
086_03:32:00	1	DFMS	Mode	222	0	11	31680	086_12:20:00
086_03:33:00	1	RTOF	Mode	523	13	10	32890	086_12:41:10
086_12:41:00	1	DFMS	Flight sequence	ARNS081B	0	0	10	086_12:41:10
086_12:41:10	0	DFMS	Mode	1	0	0	120	086_12:43:10
12:46 - 13:46 WMNV								
086_13:46:00	1	COPS	Mode	332	1	0	60	086_13:47:00
086_13:47:00	1	DFMS	Mode	222	0	11	31680	086_22:35:00
086_13:48:00	1	RTOF	Mode	523	12	11	33360	086_23:04:00
086_23:05:00	1	ROSINA	Flight sequence	ZRNP2002	0	0	240	086_23:09:00

086_23:09:00	0	DFMS	Flight sequence	ARNF014B	0	0	125	086_23:11:05
086_23:11:05	0	RTOF	Flight sequence	ARNF014A	0	0	120	086_23:13:05
086_23:13:05	0	COPS	Mode	0	0	0	150	086_23:15:35
086_23:15:35	0	COPS	Flight sequence	ARNF011A	0	0	210	086_23:19:05

23:25 - 02:35 MOCM

087_02:35:00	1	COPS	Flight sequence	ARNF015A	0	0	120	087_02:37:00
087_02:37:00	0	COPS	Mode	332	1	0	60	087_02:38:00
087_02:38:00	0	RTOF	Flight sequence	ARNF004A	0	0	120	087_02:40:00
087_02:40:00	0	RTOF	Mode	521	15	6	24790	087_09:33:10
087_02:41:00	0	DFMS	Flight sequence	ARNF003A	0	0	120	087_02:43:00
087_02:43:00	0	DFMS	Mode	502	0	0	2000	087_03:16:20
087_03:16:20	0	DFMS	Mode	562	0	0	1900	087_03:48:00
087_03:48:00	0	DFMS	Mode	502	0	0	1280	087_04:09:20
087_04:09:20	0	DFMS	Mode	562	0	0	1900	087_04:41:00
087_04:41:00	0	DFMS	Mode	502	0	0	1280	087_05:02:20
087_05:02:20	0	DFMS	Mode	562	0	0	1900	087_05:34:00
087_05:34:00	0	DFMS	Mode	502	0	0	1280	087_05:55:20
087_05:55:20	0	DFMS	Mode	562	0	0	1900	087_06:27:00
087_06:27:00	0	DFMS	Mode	502	0	0	1280	087_06:48:20
087_06:48:20	0	DFMS	Mode	562	0	0	1900	087_07:20:00
087_07:20:00	0	DFMS	Mode	502	0	0	1280	087_07:41:20
087_07:41:20	0	DFMS	Mode	562	0	0	1900	087_08:13:00
087_08:13:00	0	DFMS	Mode	502	0	0	1280	087_08:34:20
087_08:34:20	0	DFMS	Mode	562	0	0	1900	087_09:06:00
087_09:06:00	0	DFMS	Mode	502	0	0	1280	087_09:27:20
087_09:27:20	0	DFMS	Flight sequence	ARNS081B	0	0	10	087_09:27:30
087_09:27:30	0	DFMS	Mode	1	0	0	120	087_09:29:30

09:38 - 10:28 WMNV

087_10:28:00	1	RTOF	Mode	521	14	9	32000	087_19:21:20
087_10:29:00	1	DFMS	Mode	562	0	0	2450	087_11:09:50
087_11:09:50	0	DFMS	Mode	502	0	0	1280	087_11:31:10
087_11:31:10	0	DFMS	Mode	562	0	0	1900	087_12:02:50
087_12:02:50	0	DFMS	Mode	502	0	0	1280	087_12:24:10
087_12:24:10	0	DFMS	Mode	562	0	0	1900	087_12:55:50
087_12:55:50	0	DFMS	Mode	502	0	0	1280	087_13:17:10
087_13:17:10	0	DFMS	Mode	562	0	0	1900	087_13:48:50
087_13:48:50	0	DFMS	Mode	502	0	0	1280	087_14:10:10
087_14:10:10	0	DFMS	Mode	562	0	0	1900	087_14:41:50
087_14:41:50	0	DFMS	Mode	502	0	0	1280	087_15:03:10
087_15:03:10	0	DFMS	Mode	562	0	0	1900	087_15:34:50

087_15:34:50	0	DFMS	Mode	502	0	0	1280	087_15:56:10
087_15:56:10	0	DFMS	Mode	562	0	0	1900	087_16:27:50
087_16:27:50	0	DFMS	Mode	502	0	0	1280	087_16:49:10
087_16:49:10	0	DFMS	Mode	562	0	0	1900	087_17:20:50
087_17:20:50	0	DFMS	Mode	502	0	0	1280	087_17:42:10
087_17:42:10	0	DFMS	Mode	562	0	0	1900	087_18:13:50
087_18:13:50	0	DFMS	Mode	502	0	0	1280	087_18:35:10
087_18:35:10	0	DFMS	Mode	562	0	0	1900	087_19:06:50
087_19:06:50	0	DFMS	Mode	502	0	0	1280	087_19:28:10
087_19:28:10	0	DFMS	Flight sequence	ARNS081B	0	0	10	087_19:28:20
087_19:28:20	0	DFMS	Mode	1	0	0	120	087_19:30:20

19:32 - 20:32 WMNV

087_20:32:00	1	COPS	Mode	332	1	0	60	087_20:33:00
087_20:33:00	1	RTOF	Mode	521	14	9	32000	088_05:26:20
087_20:34:00	1	DFMS	Mode	502	0	0	2000	087_21:07:20
087_21:07:20	0	DFMS	Mode	562	0	0	1900	087_21:39:00
087_21:39:00	0	DFMS	Mode	502	0	0	1280	087_22:00:20
087_22:00:20	0	DFMS	Mode	562	0	0	1900	087_22:32:00
087_22:32:00	0	DFMS	Mode	502	0	0	1280	087_22:53:20
087_22:53:20	0	DFMS	Mode	562	0	0	1900	087_23:25:00
087_23:25:00	0	DFMS	Mode	502	0	0	1280	087_23:46:20
087_23:46:20	0	DFMS	Mode	562	0	0	1900	088_00:18:00
088_00:18:00	0	DFMS	Mode	502	0	0	1280	088_00:39:20
088_00:39:20	0	DFMS	Mode	562	0	0	1900	088_01:11:00
088_01:11:00	0	DFMS	Mode	502	0	0	1280	088_01:32:20
088_01:32:20	0	DFMS	Mode	562	0	0	1900	088_02:04:00
088_02:04:00	0	DFMS	Mode	502	0	0	1280	088_02:25:20
088_02:25:20	0	DFMS	Mode	562	0	0	1900	088_02:57:00
088_02:57:00	0	DFMS	Mode	502	0	0	1280	088_03:18:20
088_03:18:20	0	DFMS	Mode	562	0	0	1900	088_03:50:00
088_03:50:00	0	DFMS	Mode	502	0	0	1280	088_04:11:20
088_04:11:20	0	DFMS	Mode	562	0	0	1900	088_04:43:00
088_04:43:00	0	DFMS	Mode	502	0	0	1280	088_05:04:20
088_05:30:00	1	DFMS	Flight sequence	ARNS081B	0	0	10	088_05:30:10
088_05:30:10	0	DFMS	Mode	1	0	0	120	088_05:32:10

05:36 - 06:36 WMNV

088_06:36:00	1	RTOF	Mode	521	15	6	23870	088_13:13:50
088_06:37:00	1	DFMS	Mode	562	0	0	2450	088_07:17:50
088_07:17:50	0	DFMS	Mode	502	0	0	1280	088_07:39:10
088_07:39:10	0	DFMS	Mode	562	0	0	1900	088_08:10:50

088_08:10:50	0	DFMS	Mode	502	0	0	1280	088_08:32:10
088_08:32:10	0	DFMS	Mode	562	0	0	1900	088_09:03:50
088_09:03:50	0	DFMS	Mode	502	0	0	1280	088_09:25:10
088_09:25:10	0	DFMS	Mode	562	0	0	1900	088_09:56:50
088_09:56:50	0	DFMS	Mode	502	0	0	1280	088_10:18:10
088_10:18:10	0	DFMS	Mode	562	0	0	1900	088_10:49:50
088_10:49:50	0	DFMS	Mode	502	0	0	1280	088_11:11:10
088_11:11:10	0	DFMS	Mode	562	0	0	1900	088_11:42:50
088_11:42:50	0	DFMS	Mode	502	0	0	1280	088_12:04:10
088_12:04:10	0	DFMS	Mode	562	0	0	1900	088_12:35:50
088_12:35:50	0	DFMS	Mode	502	0	0	1280	088_12:57:10
088_12:57:10	0	DFMS	Mode	562	0	0	1900	088_13:28:50
088_13:13:50	0	RTOF	Mode	181	3	0	950	088_13:29:40
088_13:28:50	0	DFMS	Mode	502	0	0	1280	088_13:50:10
088_13:29:40	0	RTOF	Mode	511	10	0	2380	088_14:09:20
088_13:50:10	0	DFMS	Mode	562	0	0	1900	088_14:21:50
088_14:09:20	0	RTOF	Mode	171	2	0	740	088_14:21:40
088_14:21:50	0	DFMS	Mode	502	0	0	1280	088_14:43:10
088_14:21:40	1	Set MCP_SS = 2'700V (old value)						
088_14:22:40	1	RTOF	Mode	171	2	0	680	088_14:34:00
088_14:34:00	0	RTOF	Mode	511	10	0	2360	088_15:13:20
088_14:43:10	0	DFMS	Mode	562	0	0	1900	088_15:14:50
088_15:14:20	1	Set MCP_SS = 2'750V (new value)						
088_15:20:00	1	ROSINA	Flight sequence	ZRNP2002	0	0	240	088_15:24:00
088_15:24:00	0	DFMS	Flight sequence	ARNF014B	0	0	125	088_15:26:05
088_15:26:05	0	RTOF	Flight sequence	ARNF014A	0	0	120	088_15:28:05
15:39 - 16:39 WMNV								
088_16:39:00	1	COPS	Mode	332	1	0	60	088_16:40:00
01:43 - 02:43 WMNV								
11:47 - 12:47 WMNV								
089_12:47:00	1	COPS	Mode	332	1	0	60	089_12:48:00
089_23:15:00	1	COPS	Mode	0	0	0	150	089_23:17:30
089_23:17:30	0	COPS	Flight sequence	ARNF011A	0	0	210	089_23:21:00
23:25 - 02:35 MOCM								
090_02:35:00	1	COPS	Flight sequence	ARNF015A	0	0	120	090_02:37:00
090_02:37:00	0	COPS	Mode	332	1	0	60	090_02:38:00
07:54 - 08:54 WMNV								
17:58 - 18:58 WMNV								
090_18:58:00	1	COPS	Mode	332	1	0	60	090_18:59:00
090_23:15:00	1	COPS	Mode	0	0	0	150	090_23:17:30

090_23:17:30	0	COPS	Flight sequence	ARNF011A	0	0	210	090_23:21:00
23:25 - 02:35 MOCM								

STP050

Start time	Set Time	Instrument	Mode/Sequence	Mode/Sequence number	Cycle number	Repetition	Duration [s]	Stop time
MOCM 23:25 => 02:35								
091_02:35:00	1	COPS	Flight sequence	ARNF015A	0	0	120	091_02:37:00
091_02:37:00	0	COPS	Mode	332	1	0	60	091_02:38:00
Many MWNVs								
093_23:20:00	1	COPS	Flight sequence	ARNF011A	0	0	210	093_23:23:30
MOCM 23:25 => 04:15								
094_04:15:00	1	COPS	Flight sequence	ARNF015A	0	0	120	094_04:17:30
094_04:17:00	0	COPS	Mode	332	1	0	60	094_04:18:30
Many MWNVs								
098_11:20:00	1	COPS	Flight sequence	ARNF011A	0	0	210	098_11:23:30
MOCM 11:25 => 16:15								

STP051

Start time	Set Time	Instrument	Mode/Sequence	Mode/Sequence number	Cycle number	Repetition	Duration [s]	Stop time
MOCM 11:25 - 16:15								
098_16:00:00	1	ROSINA	Flight sequence	ARNF050A	0	0	120	098_16:02:00
098_16:15:00	1	COPS	Flight sequence	ARNF015A	0	0	120	098_16:17:00
098_16:17:00	0	COPS	Mode	332	1	0	60	098_16:18:00
098_16:18:00	0	DFMS	Flight sequence	ARNF003A	0	0	120	098_16:20:00
098_16:20:00	0	DFMS	Mode	222	0	5	17100	098_21:05:00
098_21:15:00	1	DFMS	Flight sequence	ARNS081B	0	0	10	098_21:15:10
098_21:15:10	0	DFMS	Mode	1	0	0	120	098_21:17:10
MWNV 21:20 - 22:20								
098_21:30:00	1	Set MCP_OS = 2'750 V in EEPROM (permanently)						
098_21:31:00	1	Set MCP_SS = 2'750 V in EEPROM (permanently)						
098_21:35:00	1	Set new voltages for M521 in EEPROM (permanently)						
098_21:40:00	1	Set new voltages for M511 in EEPROM (permanently)						
098_22:02:00	1	RTOF	Flight sequence	ARNF004A	0	0	120	098_22:02:00
098_22:11:00	1	RTOF	Flight sequence	ARNS061A	0	0	120	098_22:13:00

RTOF Cover Position = 0 (open SWITCH)

098_22:31:00	1	RTOF	Flight sequence	ARNS061A	1	0	120	098_22:33:00	RTOF Cover Position = 1 (open)
MWNV 07:16 - 08:16									
099_12:00:10	1	RTOF	Flight sequence	ARNF004A	0	0	120	099_12:02:10	
099_12:02:10	0	RTOF	Flight sequence	ARNS041A_RTOF	1	0	60	099_12:03:10	
099_12:03:10	0	DFMS	Mode	222	0	5	16200	099_16:33:10	
099_12:10:10	1	RTOF	Mode	171	2	0	1410	099_12:33:40	RTOF Compression = 1
099_12:33:40	0	RTOF	Mode	511	4	0	1100	099_12:52:00	RTOF Compression = 1
099_12:52:00	0	RTOF	Mode	181	2	0	760	099_13:04:40	RTOF Compression = 1
099_13:04:40	0	RTOF	Mode	521	4	0	1100	099_13:23:00	RTOF Compression = 1
099_13:23:00	0	RTOF	Flight sequence	ARNS041A_RTOF	0	0	60	099_13:24:00	
099_13:24:00	0	RTOF	Mode	521	15	3	13000	099_17:00:40	RTOF Compression = 0
099_16:33:10	0	DFMS	Mode	572	0	2	2100	099_17:08:10	
099_17:00:40	0	RTOF	Flight sequence	ARNS041A_RTOF	25	0	60	099_17:01:40	
099_17:08:10	0	DFMS	Flight sequence	ARNS081B	0	0	10	099_17:08:20	
099_17:08:20	0	DFMS	Mode	1	0	0	120	099_17:10:20	
MWNV 17:12 - 18:12									
099_18:12:00	1	DFMS	Mode	222	0	11	31680	100_03:00:00	
099_18:20:00	1	RTOF	Mode	521	15	8	30690	100_02:51:30	RTOF Compression = 25
100_02:51:30	0	RTOF	Flight sequence	ARNS041A_RTOF	0	0	60	100_02:52:30	
100_03:04:00	1	DFMS	Flight sequence	ARNS081B	0	0	10	100_03:04:10	
100_03:04:10	0	DFMS	Mode	1	0	0	120	100_03:06:10	
MWNV 03:08 - 04:08									
100_04:08:10	1	DFMS	Mode	215	0	20	18744	100_09:20:34	
100_04:15:00	1	RTOF	Mode	521	15	8	29250	100_12:22:30	RTOF Compression = 1
100_09:20:34	0	DFMS	Mode	217	0	2	11196	100_12:27:10	
100_12:45:00	1	DFMS	Flight sequence	ARNS081B	0	0	10	100_12:45:10	
100_12:45:10	0	DFMS	Mode	1	0	0	120	100_12:47:10	
MWNV 13:04 - 14:04									
100_14:04:00	1	DFMS	Mode	502	0	20	27600	100_21:44:00	
100_14:08:00	1	RTOF	Mode	511	15	8	29270	100_22:15:50	RTOF Compression = 1
100_21:44:00	0	DFMS	Mode	502	0	3	5120	100_23:09:20	
100_22:15:50	0	RTOF	Mode	511	7	0	1650	100_22:43:20	RTOF Compression = 1
100_23:09:20	0	ROSINA	Flight sequence	ZRNP2002	0	0	240	100_23:13:20	
100_23:13:20	0	DFMS	Flight sequence	ARNF014B	0	0	125	100_23:15:25	
100_23:15:25	0	RTOF	Flight sequence	ARNF014A	0	0	120	100_23:17:25	
100_23:17:25	0	COPS	Flight sequence	ARNF011A	0	0	210	100_23:20:55	
MOCM 23:25 - 02:35									
101_02:35:00	1	COPS	Flight sequence	ARNF015A	0	0	120	101_02:37:00	
101_02:37:00	0	COPS	Mode	332	1	0	60	101_02:38:00	
101_02:38:00	0	DFMS	Flight sequence	ARNF003A	0	0	120	101_02:40:00	

101_02:40:00	0	DFMS	Mode	222	0	8	23940	101_09:19:00
101_09:25:00	1	DFMS	Flight sequence	ARNS081B	0	0	10	101_09:25:10
101_09:25:10	0	DFMS	Mode	1	0	0	120	101_09:27:10
MWNV 09:28 - 10:28								
MWNV 19:32 - 20:32								
MWNV 05:36 - 06:36								
102_06:36:00	1	DFMS	Mode	222	0	11	31680	102_15:24:00
102_15:36:00	1	DFMS	Flight sequence	ARNS081B	0	0	10	102_15:36:10
102_15:36:10	0	DFMS	Mode	1	0	0	120	102_15:38:10
MWNV 15:39 - 16:39								
102_16:39:00	1	RTOF	Flight sequence	ARNF004A	0	0	120	102_16:41:00
102_16:41:00	0	RTOF	Flight sequence	ARNS041A_RTOF	1	0	60	102_16:42:00
102_16:42:00	0	RTOF	Mode	521	15	8	31610	103_01:28:50
102_16:43:00	0	DFMS	Mode	1060	0	10	2220	102_17:20:00
102_17:20:00	0	DFMS	Mode	1062	0	10	3300	102_18:15:00
102_18:15:04	1	DFMS	Mode	1070	0	10	3960	102_19:21:00
102_19:21:00	0	DFMS	Mode	1072	0	10	4290	102_20:32:30
102_20:32:30	0	DFMS	Mode	222	0	6	18060	103_01:33:30
103_01:35:00	1	DFMS	Flight sequence	ARNS081B	0	0	10	103_01:35:10
103_01:35:10	0	DFMS	Mode	1	0	0	120	103_01:37:10
103_01:36:10	0	RTOF	Mode	1	0	0	240	103_01:40:10
MWNV 01:43 - 02:43								
MWNV 11:47 - 12:47								
MWNV 21:50 - 22:50								
MWNV 07:54 - 08:54								
104_08:54:00	1	DFMS	Mode	222	0	11	31680	104_17:42:00
104_08:56:00	1	RTOF	Mode	521	15	8	31560	104_17:42:00
104_17:45:00	1	DFMS	Flight sequence	ARNS081B	0	0	10	104_17:45:10
104_17:45:10	0	DFMS	Mode	1	0	0	120	104_17:47:10
104_17:46:10	0	COPS	Mode	314	1	0	60	104_17:47:10
MWNV 17:58 - 18:58								
104_18:58:00	1	DFMS	Mode	215	0	15	14424	104_22:58:24
104_19:00:00	1	RTOF	Mode	521	15	3	13640	104_22:47:20
104_23:00:00	1	ROSINA	Flight sequence	ZRNP2002	0	0	240	104_23:04:00
104_23:04:00	0	RTOF	Flight sequence	ARNF014A	0	0	120	104_23:06:00
104_23:06:00	0	DFMS	Flight sequence	ARNF014B	0	0	125	104_23:08:05
104_23:20:05	1	COPS	Flight sequence	ARNF011A	0	0	210	104_23:23:35
MOCM 23:25 - 02:35								

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Start time	Set Time	Instrument	Mode/Sequence	Mode/Sequence number	Cycle number	Repetition	Duration [s]	Stop time	
MOCM 23:25 - 02:35									
105_02:35:00	1	COPS	Flight sequence	ARNF015A	0	0	120	105_02:37:00	
105_02:37:00	0	COPS	Mode	332	1	0	60	105_02:38:00	
105_02:38:00	0	DFMS	Flight sequence	ARNF003A	0	0	120	105_02:40:00	
105_02:40:00	0	DFMS	Mode	217	0	3	16908	105_07:21:48	
105_07:21:48	0	DFMS	Mode	215	0	7	6912	105_09:17:00	
105_09:17:00	0	DFMS	Flight sequence	ARNS081B	0	0	10	105_09:17:10	
105_09:17:10	0	DFMS	Mode	1	0	0	120	105_09:19:10	
105_09:30:00	1	RTOF	Flight sequence	ARNF004A	0	0	120	105_09:32:00	
105_09:32:00	0	RTOF	Flight sequence	ARNS041A_RTOF	1	0	60	105_09:33:00	
105_09:33:00	0	RTOF	Mode	521	0	0	1130	105_09:51:50	
MWNV 09:38 - 10:38									
105_10:38:00	1	DFMS	Mode	215	0	20	18744	105_15:50:24	BP GR P
105_10:39:00	1	RTOF	Mode	521	15	0	3410	105_11:35:50	
105_11:53:00		Change voltages for BP, GR, P							22.3 48 -105
105_11:54:00	1	RTOF	Mode	521	3	0	890	105_12:08:50	
105_12:08:50	0	RTOF	Mode	181	2	0	740	105_12:21:10	
105_12:23:00		Change voltages for BP, GR, P							18.3 48 -105
105_12:24:00	1	RTOF	Mode	521	3	0	890	105_12:38:50	
105_12:38:50	0	RTOF	Mode	181	2	0	740	105_12:51:10	
105_12:53:00		Change voltages for BP, GR, P							14.3 48 -105
105_12:54:00	1	RTOF	Mode	521	3	0	890	105_13:08:50	
105_13:08:50	0	RTOF	Mode	181	2	0	740	105_13:21:10	
105_13:23:00		Change voltages for BP, GR, P							10.3 48 -105
105_13:24:00	1	RTOF	Mode	521	3	0	890	105_13:38:50	
105_13:38:50	0	RTOF	Mode	181	2	0	740	105_13:51:10	
105_13:53:00		Change voltages for BP, GR, P							6.3 48 -105
105_13:54:00	1	RTOF	Mode	521	3	0	890	105_14:08:50	
105_14:08:50	0	RTOF	Mode	181	2	0	740	105_14:21:10	
105_14:23:00		Change voltages for BP, GR, P							22.3 42 -105
105_14:24:04	1	RTOF	Mode	521	3	0	890	105_14:38:54	
105_14:38:54	0	RTOF	Mode	181	2	0	740	105_14:51:14	
105_14:53:00		Change voltages for BP, GR, P							18.3 42 -105
105_14:54:00	1	RTOF	Mode	521	3	0	890	105_15:08:50	
105_15:08:50	0	RTOF	Mode	181	2	0	740	105_15:21:10	
105_15:23:00		Change voltages for BP, GR, P							14.3 42 -105

105_15:24:00	1	RTOF	Mode	521	3	0	890	105_15:38:50		
105_15:38:50	0	RTOF	Mode	181	2	0	740	105_15:51:10		
105_15:50:24	0	DFMS	Mode	215	0	15	13824	105_19:40:48		
105_15:53:00		Change voltages for BP, GR, P							10.3	42 -105
105_15:54:00	1	RTOF	Mode	521	3	0	890	105_16:08:50		
105_16:08:50	0	RTOF	Mode	181	2	0	740	105_16:21:10		
105_16:23:00		Change voltages for BP, GR, P							6.3	42 -105
105_16:24:00	1	RTOF	Mode	521	3	0	890	105_16:38:50		
105_16:38:50	0	RTOF	Mode	181	2	0	740	105_16:51:10		
105_16:53:00		Change voltages for BP, GR, P							22.3	36 -105
105_16:54:00	1	RTOF	Mode	521	3	0	890	105_17:08:50		
105_17:08:50	0	RTOF	Mode	181	2	0	740	105_17:21:10		
105_17:23:00		Change voltages for BP, GR, P							18.3	36 -105
105_17:24:00	1	RTOF	Mode	521	3	0	890	105_17:38:50		
105_17:38:50	0	RTOF	Mode	181	2	0	740	105_17:51:10		
105_17:53:00		Change voltages for BP, GR, P							14.3	36 -105
105_17:54:00	1	RTOF	Mode	521	3	0	890	105_18:08:50		
105_18:08:50	0	RTOF	Mode	181	2	0	740	105_18:21:10		
105_18:23:00		Change voltages for BP, GR, P							10.3	36 -105
105_18:24:00	1	RTOF	Mode	521	3	0	890	105_18:38:50		
105_18:38:50	0	RTOF	Mode	181	2	0	740	105_18:51:10		
105_18:53:00		Change voltages for BP, GR, P							6.3	36 -105
105_18:54:00	1	RTOF	Mode	521	3	0	890	105_19:08:50		
105_19:08:50	0	RTOF	Mode	181	2	0	740	105_19:21:10		
105_19:45:48	1	DFMS	Flight sequence	ARNS081B	0	0	10	105_19:45:58		
105_19:45:58	0	DFMS	Mode	1	0	0	120	105_19:47:58	BP GR P	
105_19:52:00		Change voltages for BP, GR, P (default)							14.3	48 -127.1
MWNV 19:52 - 20:52										
105_20:52:00	1	DFMS	Mode	222	0	11	31680	106_05:40:00		
105_20:53:00	1	RTOF	Mode	521	15	0	3410	105_21:49:50		
105_22:07:00		Change voltages for BP, GR, P							22.3	30 -105
105_22:08:00	1	RTOF	Mode	521	3	0	890	105_22:22:50		
105_22:22:50	0	RTOF	Mode	181	2	0	740	105_22:35:10		
105_22:37:00		Change voltages for BP, GR, P							18.3	30 -105
105_22:38:00	1	RTOF	Mode	521	3	0	890	105_22:52:50		
105_22:52:50	0	RTOF	Mode	181	2	0	740	105_23:05:10		
105_23:07:00		Change voltages for BP, GR, P							14.3	30 -105
105_23:08:00	1	RTOF	Mode	521	3	0	890	105_23:22:50		
105_23:22:50	0	RTOF	Mode	181	2	0	740	105_23:35:10		
105_23:37:00		Change voltages for BP, GR, P							10.3	30 -105

105_23:38:00	1	RTOF	Mode	521	3	0	890	105_23:52:50			
105_23:52:50	0	RTOF	Mode	181	2	0	740	106_00:05:10			
106_00:07:00		Change voltages for BP, GR, P							6.3	30	-105
106_00:08:00	1	RTOF	Mode	521	3	0	890	106_00:22:50			
106_00:22:50	0	RTOF	Mode	181	2	0	740	106_00:35:10			
106_00:37:00		Change voltages for BP, GR, P							22.3	48	-127.1
106_00:38:00	1	RTOF	Mode	521	3	0	890	106_00:52:50			
106_00:52:50	0	RTOF	Mode	181	2	0	740	106_01:05:10			
106_01:07:00		Change voltages for BP, GR, P							18.3	48	-127.1
106_01:08:00	1	RTOF	Mode	521	3	0	890	106_01:22:50			
106_01:22:50	0	RTOF	Mode	181	2	0	740	106_01:35:10			
106_01:37:00		Change voltages for BP, GR, P							14.3	48	-127.1
106_01:38:00	1	RTOF	Mode	521	3	0	890	106_01:52:50			
106_01:52:50	0	RTOF	Mode	181	2	0	740	106_02:05:10			
106_02:07:00		Change voltages for BP, GR, P							10.3	48	-127.1
106_02:08:00	1	RTOF	Mode	521	3	0	890	106_02:22:50			
106_02:22:50	0	RTOF	Mode	181	2	0	740	106_02:35:10			
106_02:37:00		Change voltages for BP, GR, P							6.3	48	-127.1
106_02:38:00	1	RTOF	Mode	521	3	0	890	106_02:52:50			
106_02:52:50	0	RTOF	Mode	181	2	0	740	106_03:05:10			
106_03:07:00		Change voltages for BP, GR, P							22.3	42	-127.1
106_03:08:00	1	RTOF	Mode	521	3	0	890	106_03:22:50			
106_03:22:50	0	RTOF	Mode	181	2	0	740	106_03:35:10			
106_03:37:00		Change voltages for BP, GR, P							18.3	42	-127.1
106_03:38:00	1	RTOF	Mode	521	3	0	890	106_03:52:50			
106_03:52:50	0	RTOF	Mode	181	2	0	740	106_04:05:10			
106_04:07:00		Change voltages for BP, GR, P							14.3	42	-127.1
106_04:08:00	1	RTOF	Mode	521	3	0	890	106_04:22:50			
106_04:22:50	0	RTOF	Mode	181	2	0	740	106_04:35:10			
106_04:37:00		Change voltages for BP, GR, P							10.3	42	-127.1
106_04:38:00	1	RTOF	Mode	521	3	0	890	106_04:52:50			
106_04:52:50	0	RTOF	Mode	181	2	0	740	106_05:05:10			
106_05:07:00		Change voltages for BP, GR, P							6.3	42	-127.1
106_05:08:00	1	RTOF	Mode	521	3	0	890	106_05:22:50			
106_05:22:50	0	RTOF	Mode	181	2	0	740	106_05:35:10			
106_05:50:00	1	DFMS	Flight sequence	ARNS081B	0	0	10	106_05:50:10			
106_05:50:10	0	DFMS	Mode	1	0	0	120	106_05:52:10	BP	GR	P
106_06:05:00		Change voltages for BP, GR, P (default)							14.3	48	-127.1
MWNV 06:05 - 07:05											
106_07:05:00	1	DFMS	Mode	222	0	11	31680	106_15:53:00			

106_07:06:00	1	RTOF	Mode	521	15	0	3410	106_08:02:50			
106_08:20:00		Change voltages for BP, GR, P							22.3	36	-127.1
106_08:21:00	1	RTOF	Mode	521	3	0	890	106_08:35:50			
106_08:35:50	0	RTOF	Mode	181	2	0	740	106_08:48:10			
106_08:50:00		Change voltages for BP, GR, P							18.3	36	-127.1
106_08:51:00	1	RTOF	Mode	521	3	0	890	106_09:05:50			
106_09:05:50	0	RTOF	Mode	181	2	0	740	106_09:18:10			
106_09:20:00		Change voltages for BP, GR, P							14.3	36	-127.1
106_09:21:00	1	RTOF	Mode	521	3	0	890	106_09:35:50			
106_09:35:50	0	RTOF	Mode	181	2	0	740	106_09:48:10			
106_09:50:00		Change voltages for BP, GR, P							10.3	36	-127.1
106_09:51:00	1	RTOF	Mode	521	3	0	890	106_10:05:50			
106_10:05:50	0	RTOF	Mode	181	2	0	740	106_10:18:10			
106_10:20:00		Change voltages for BP, GR, P							6.3	36	-127.1
106_10:21:00	1	RTOF	Mode	521	3	0	890	106_10:35:50			
106_10:35:50	0	RTOF	Mode	181	2	0	740	106_10:48:10			
106_10:50:00		Change voltages for BP, GR, P							22.3	30	-127.1
106_10:51:00	1	RTOF	Mode	521	3	0	890	106_11:05:50			
106_11:05:50	0	RTOF	Mode	181	2	0	740	106_11:18:10			
106_11:20:00		Change voltages for BP, GR, P							18.3	30	-127.1
106_11:21:00	1	RTOF	Mode	521	3	0	890	106_11:35:50			
106_11:35:50	0	RTOF	Mode	181	2	0	740	106_11:48:10			
106_11:50:00		Change voltages for BP, GR, P							14.3	30	-127.1
106_11:51:00	1	RTOF	Mode	521	3	0	890	106_12:05:50			
106_12:05:50	0	RTOF	Mode	181	2	0	740	106_12:18:10			
106_12:20:00		Change voltages for BP, GR, P							10.3	30	-127.1
106_12:21:00	1	RTOF	Mode	521	3	0	890	106_12:35:50			
106_12:35:50	0	RTOF	Mode	181	2	0	740	106_12:48:10			
106_12:50:00		Change voltages for BP, GR, P							6.3	30	-127.1
106_12:51:00	1	RTOF	Mode	521	3	0	890	106_13:05:50			
106_13:05:50	0	RTOF	Mode	181	2	0	740	106_13:18:10			
106_13:20:00		Change voltages for BP, GR, P							22.3	48	-145
106_13:21:00	1	RTOF	Mode	521	3	0	890	106_13:35:50			
106_13:35:50	0	RTOF	Mode	181	2	0	740	106_13:48:10			
106_13:50:00		Change voltages for BP, GR, P							18.3	48	-145
106_13:51:00	1	RTOF	Mode	521	3	0	890	106_14:05:50			
106_14:05:50	0	RTOF	Mode	181	2	0	740	106_14:18:10			
106_14:20:00		Change voltages for BP, GR, P							14.3	48	-145
106_14:21:00	1	RTOF	Mode	521	3	0	890	106_14:35:50			
106_14:35:50	0	RTOF	Mode	181	2	0	740	106_14:48:10			

106_14:50:00		Change voltages for BP, GR, P						10.3	48	-145
106_14:51:00	1	RTOF	Mode	521	3	0	890	106_15:05:50		
106_15:05:50	0	RTOF	Mode	181	2	0	740	106_15:18:10		
106_15:20:00		Change voltages for BP, GR, P						6.3	48	-145
106_15:21:00	1	RTOF	Mode	521	3	0	890	106_15:35:50		
106_15:35:50	0	RTOF	Mode	181	2	0	740	106_15:48:10		
106_16:00:00	1	DFMS	Flight sequence	ARNS081B	0	0	10	106_16:00:10		
106_16:00:10	0	DFMS	Mode	1	0	0	120	106_16:02:10	BP GR P	
106_16:19:00		Change voltages for BP, GR, P (default)						14.3	48	-127.1
MWNV 16:19 - 17:19										
106_17:19:00	1	DFMS	Mode	215	0	20	18744	106_22:31:24		
106_17:20:00	1	RTOF	Mode	521	15	0	3410	106_18:16:50		
106_18:34:00		Change voltages for BP, GR, P						22.3	42	-145
106_18:35:00	1	RTOF	Mode	521	3	0	890	106_18:49:50		
106_18:49:50	0	RTOF	Mode	181	2	0	740	106_19:02:10		
106_19:04:00		Change voltages for BP, GR, P						18.3	42	-145
106_19:05:00	1	RTOF	Mode	521	3	0	890	106_19:19:50		
106_19:19:50	0	RTOF	Mode	181	2	0	740	106_19:32:10		
106_19:34:00		Change voltages for BP, GR, P						14.3	42	-145
106_19:35:00	1	RTOF	Mode	521	3	0	890	106_19:49:50		
106_19:49:50	0	RTOF	Mode	181	2	0	740	106_20:02:10		
106_20:04:00		Change voltages for BP, GR, P						10.3	42	-145
106_20:05:00	1	RTOF	Mode	521	3	0	890	106_20:19:50		
106_20:19:50	0	RTOF	Mode	181	2	0	740	106_20:32:10		
106_20:34:00		Change voltages for BP, GR, P						6.3	42	-145
106_20:35:00	1	RTOF	Mode	521	3	0	890	106_20:49:50		
106_20:49:50	0	RTOF	Mode	181	2	0	740	106_21:02:10		
106_21:04:00		Change voltages for BP, GR, P						22.3	36	-145
106_21:05:04	1	RTOF	Mode	521	3	0	890	106_21:19:54		
106_21:19:54	0	RTOF	Mode	181	2	0	740	106_21:32:14		
106_21:34:00		Change voltages for BP, GR, P						18.3	36	-145
106_21:35:00	1	RTOF	Mode	521	3	0	890	106_21:49:50		
106_21:49:50	0	RTOF	Mode	181	2	0	740	106_22:02:10		
106_22:04:00		Change voltages for BP, GR, P						14.3	36	-145
106_22:05:00	1	RTOF	Mode	521	3	0	890	106_22:19:50		
106_22:19:50	0	RTOF	Mode	181	2	0	740	106_22:32:10		
106_22:31:24	0	DFMS	Mode	215	0	14	12960	107_02:07:24		
106_22:34:00		Change voltages for BP, GR, P						10.3	36	-145
106_22:35:00	1	RTOF	Mode	521	3	0	890	106_22:49:50		
106_22:49:50	0	RTOF	Mode	181	2	0	740	106_23:02:10		

106_23:04:00		Change voltages for BP, GR, P							6.3	36	-145
106_23:05:00	1	RTOF	Mode	521	3	0	890	106_23:19:50			
106_23:19:50	0	RTOF	Mode	181	2	0	740	106_23:32:10			
106_23:34:00		Change voltages for BP, GR, P							22.3	30	-145
106_23:35:00	1	RTOF	Mode	521	3	0	890	106_23:49:50			
106_23:49:50	0	RTOF	Mode	181	2	0	740	107_00:02:10			
107_00:04:00		Change voltages for BP, GR, P							18.3	30	-145
107_00:05:00	1	RTOF	Mode	521	3	0	890	107_00:19:50			
107_00:19:50	0	RTOF	Mode	181	2	0	740	107_00:32:10			
107_00:34:00		Change voltages for BP, GR, P							14.3	30	-145
107_00:35:00	1	RTOF	Mode	521	3	0	890	107_00:49:50			
107_00:49:50	0	RTOF	Mode	181	2	0	740	107_01:02:10			
107_01:04:00		Change voltages for BP, GR, P							10.3	30	-145
107_01:05:00	1	RTOF	Mode	521	3	0	890	107_01:19:50			
107_01:19:50	0	RTOF	Mode	181	2	0	700	107_01:31:30			
107_01:34:00		Change voltages for BP, GR, P							6.3	30	-145
107_01:35:00	1	RTOF	Mode	521	3	0	910	107_01:50:10			
107_01:50:10	0	RTOF	Mode	181	2	0	740	107_02:02:30			
107_02:29:00	1	DFMS	Flight sequence	ARNS081B	0	0	10	107_02:29:10			
107_02:29:10	0	DFMS	Mode	1	0	0	120	107_02:31:10	BP	GR P	
107_02:32:00		Change voltages for BP, GR, P (default)							14.3	48	-127.1
107_02:33:00		Set new voltages for M526 in EEPROM (permanently)									
MWNV 02:32 - 03:32											
107_03:31:00	1	RTOF	Flight sequence	ARNS041A_RTOF	0	0	60	107_03:32:00			
107_03:32:00	0	DFMS	Mode	215	0	20	18744	107_08:44:24			
107_03:33:00	0	RTOF	Mode	526	15	0	3250	107_04:27:10			
107_04:47:00		Change voltages for BP, GR, P							3	21	-105
107_04:48:00	1	RTOF	Mode	526	1	0	450	107_04:55:30			
107_04:59:00		Change voltages for BP, GR, P							-1	21	-105
107_05:00:00	1	RTOF	Mode	526	1	0	450	107_05:07:30			
107_05:11:00		Change voltages for BP, GR, P							-5	21	-105
107_05:12:00	1	RTOF	Mode	526	1	0	450	107_05:19:30			
107_05:23:00		Change voltages for BP, GR, P							3	15	-105
107_05:24:00	1	RTOF	Mode	526	1	0	450	107_05:31:30			
107_05:35:00		Change voltages for BP, GR, P							-1	15	-105
107_05:36:00	1	RTOF	Mode	526	1	0	450	107_05:43:30			
107_05:47:00		Change voltages for BP, GR, P							-5	15	-105
107_05:48:00	1	RTOF	Mode	526	1	0	450	107_05:55:30			
107_05:59:00		Change voltages for BP, GR, P							3	9	-105
107_06:00:00	1	RTOF	Mode	526	1	0	450	107_06:07:30			

107_06:11:00		Change voltages for BP, GR, P						-1	9	-105
107_06:12:00	1	RTOF	Mode	526	1	0	450	107_06:19:30		
107_06:23:00		Change voltages for BP, GR, P						-5	9	-105
107_06:24:00	1	RTOF	Mode	526	1	0	450	107_06:31:30		
107_06:35:00		Change voltages for BP, GR, P						3	3	-105
107_06:36:00	1	RTOF	Mode	526	1	0	450	107_06:43:30		
107_06:47:00		Change voltages for BP, GR, P						-1	3	-105
107_06:48:00	1	RTOF	Mode	526	1	0	450	107_06:55:30		
107_06:59:00		Change voltages for BP, GR, P						-5	3	-105
107_07:00:00	1	RTOF	Mode	526	1	0	450	107_07:07:30		
107_07:11:00		Change voltages for BP, GR, P						3	21	-127.1
107_07:12:00	1	RTOF	Mode	526	1	0	450	107_07:19:30		
107_07:23:00		Change voltages for BP, GR, P						-1	21	-127.1
107_07:24:00	1	RTOF	Mode	526	1	0	450	107_07:31:30		
107_07:35:00		Change voltages for BP, GR, P						-5	21	-127.1
107_07:36:00	1	RTOF	Mode	526	1	0	450	107_07:43:30		
107_07:47:00		Change voltages for BP, GR, P						3	15	-127.1
107_07:48:00	1	RTOF	Mode	526	1	0	450	107_07:55:30		
107_07:59:00		Change voltages for BP, GR, P						-1	15	-127.1
107_08:00:00	1	RTOF	Mode	526	1	0	450	107_08:07:30		
107_08:11:00		Change voltages for BP, GR, P						-5	15	-127.1
107_08:12:00	1	RTOF	Mode	526	1	0	450	107_08:19:30		
107_08:23:00		Change voltages for BP, GR, P						3	9	-127.1
107_08:24:00	1	RTOF	Mode	526	1	0	450	107_08:31:30		
107_08:35:00		Change voltages for BP, GR, P						-1	9	-127.1
107_08:36:00	1	RTOF	Mode	526	1	0	450	107_08:43:30		
107_08:44:24	0	DFMS	Mode	215	0	15	14688	107_12:49:12		
107_08:47:00		Change voltages for BP, GR, P						-5	9	-127.1
107_08:48:00	1	RTOF	Mode	526	1	0	450	107_08:55:30		
107_08:59:00		Change voltages for BP, GR, P						3	3	-127.1
107_09:00:00	1	RTOF	Mode	526	1	0	450	107_09:07:30		
107_09:11:00		Change voltages for BP, GR, P						-1	3	-127.1
107_09:12:00	1	RTOF	Mode	526	1	0	450	107_09:19:30		
107_09:23:00		Change voltages for BP, GR, P						-5	3	-127.1
107_09:24:00	1	RTOF	Mode	526	1	0	450	107_09:31:30		
107_09:35:00		Change voltages for BP, GR, P						3	21	-145
107_09:36:00	1	RTOF	Mode	526	1	0	450	107_09:43:30		
107_09:47:00		Change voltages for BP, GR, P						-1	21	-145
107_09:48:00	1	RTOF	Mode	526	1	0	450	107_09:55:30		
107_09:59:00		Change voltages for BP, GR, P						-5	21	-145

107_10:00:00	1	RTOF	Mode	526	1	0	450	107_10:07:30		
107_10:11:00		Change voltages for BP, GR, P							3	15 -145
107_10:12:00	1	RTOF	Mode	526	1	0	450	107_10:19:30		
107_10:23:00		Change voltages for BP, GR, P							-1	15 -145
107_10:24:00	1	RTOF	Mode	526	1	0	450	107_10:31:30		
107_10:35:00		Change voltages for BP, GR, P							-5	15 -145
107_10:36:00	1	RTOF	Mode	526	1	0	450	107_10:43:30		
107_10:47:00		Change voltages for BP, GR, P							3	9 -145
107_10:48:00	1	RTOF	Mode	526	1	0	450	107_10:55:30		
107_10:59:00		Change voltages for BP, GR, P							-1	9 -145
107_11:00:00	1	RTOF	Mode	526	1	0	450	107_11:07:30		
107_11:11:00		Change voltages for BP, GR, P							-5	9 -145
107_11:12:00	1	RTOF	Mode	526	1	0	450	107_11:19:30		
107_11:23:00		Change voltages for BP, GR, P							3	3 -145
107_11:24:00	1	RTOF	Mode	526	1	0	450	107_11:31:30		
107_11:35:00		Change voltages for BP, GR, P							-1	3 -145
107_11:36:00	1	RTOF	Mode	526	1	0	450	107_11:43:30		
107_11:47:00		Change voltages for BP, GR, P							-5	3 -145
107_11:48:00	1	RTOF	Mode	526	1	0	450	107_11:55:30		
107_12:30:00	1	RTOF	Mode	1	0	0	240	107_12:34:00		
107_12:43:00	1	DFMS	Flight sequence	ARNS081B	0	0	10	107_12:49:22		
107_12:43:10	0	DFMS	Mode	1	0	0	120	107_12:51:22	BP GR P	
107_12:46:00		Change voltages for BP, GR, P (default)							-1	9 -105
MWNV 12:46 - 13:46										
107_13:46:00	1	DFMS	Mode	217	0	7	30576	107_22:15:36		
107_23:00:00	1	ROSINA	Flight sequence	ZRNP2002	0	0	240	107_23:04:00		
107_23:04:00	0	DFMS	Flight sequence	ARNF014B	0	0	125	107_23:06:05		
107_23:06:05	0	RTOF	Flight sequence	ARNF014A	0	0	120	107_23:08:05		
107_23:08:05	0	COPS	Flight sequence	ARNF011A	0	0	210	107_23:11:35		
MOCM 23:25 - 02:35										
108_02:35:00	1	COPS	Flight sequence	ARNF015A	0	0	120	108_02:37:00		
108_02:37:00	0	COPS	Mode	332	1	0	60	108_02:38:00		
108_02:38:00	0	DFMS	Flight sequence	ARNF003A	0	0	120	108_02:40:00		
108_02:40:00	0	DFMS	Mode	215	0	20	18744	108_07:52:24		
108_07:52:24	0	DFMS	Mode	215	0	5	5184	108_09:18:48		
108_09:18:48	0	DFMS	Flight sequence	ARNS081B	0	0	10	108_09:18:58		
108_09:18:58	0	DFMS	Mode	1	0	0	120	108_09:20:58		
108_09:20:00	1	RTOF	Flight sequence	ARNF004A	0	0	120	108_09:22:00		
108_09:22:00	0	RTOF	Flight sequence	ARNS041A_RTOF	1	0	60	108_09:23:00		
108_09:23:00	0	RTOF	Mode	521	0	0	1180	108_09:42:40		

MWNV 09:28 - 10:28

108_10:28:00	1	DFMS	Mode	215	0	20	18744	108_15:40:24	
108_10:29:00	1	RTOF	Mode	511	15	0	3430	108_11:26:10	BP GR P
108_11:43:00		Change voltages for BP, GR, P							7 21 -105
108_11:44:00	1	RTOF	Mode	511	3	0	890	108_11:58:50	
108_11:58:50	0	RTOF	Mode	171	2	0	740	108_12:11:10	
108_12:13:00		Change voltages for BP, GR, P							3 21 -105
108_12:14:00	1	RTOF	Mode	511	3	0	890	108_12:28:50	
108_12:28:50	0	RTOF	Mode	171	2	0	740	108_12:41:10	
108_12:43:00		Change voltages for BP, GR, P							-1 21 -105
108_12:44:00	1	RTOF	Mode	511	3	0	890	108_12:58:50	
108_12:58:50	0	RTOF	Mode	171	2	0	740	108_13:11:10	
108_13:13:00		Change voltages for BP, GR, P							-5 21 -105
108_13:14:00	1	RTOF	Mode	511	3	0	890	108_13:28:50	
108_13:28:50	0	RTOF	Mode	171	2	0	740	108_13:41:10	
108_13:43:00		Change voltages for BP, GR, P							-9 21 -105
108_13:44:00	1	RTOF	Mode	511	3	0	890	108_13:58:50	
108_13:58:50	0	RTOF	Mode	171	2	0	740	108_14:11:10	
108_14:13:00		Change voltages for BP, GR, P							7 15 -105
108_14:14:04	1	RTOF	Mode	511	3	0	890	108_14:28:54	
108_14:28:54	0	RTOF	Mode	171	2	0	740	108_14:41:14	
108_14:43:00		Change voltages for BP, GR, P							3 15 -105
108_14:44:00	1	RTOF	Mode	511	3	0	890	108_14:58:50	
108_14:58:50	0	RTOF	Mode	171	2	0	740	108_15:11:10	
108_15:13:00		Change voltages for BP, GR, P							-1 15 -105
108_15:14:00	1	RTOF	Mode	511	3	0	890	108_15:28:50	
108_15:28:50	0	RTOF	Mode	171	2	0	740	108_15:41:10	
108_15:40:24	0	DFMS	Mode	215	0	14	12960	108_19:16:24	
108_15:43:00		Change voltages for BP, GR, P							-5 15 -105
108_15:44:00	1	RTOF	Mode	511	3	0	890	108_15:58:50	
108_15:58:50	0	RTOF	Mode	171	2	0	740	108_16:11:10	
108_16:13:00		Change voltages for BP, GR, P							-9 15 -105
108_16:14:00	1	RTOF	Mode	511	3	0	890	108_16:28:50	
108_16:28:50	0	RTOF	Mode	171	2	0	740	108_16:41:10	
108_16:43:00		Change voltages for BP, GR, P							7 9 -105
108_16:44:00	1	RTOF	Mode	511	3	0	890	108_16:58:50	
108_16:58:50	0	RTOF	Mode	171	2	0	740	108_17:11:10	
108_17:13:00		Change voltages for BP, GR, P							3 9 -105
108_17:14:00	1	RTOF	Mode	511	3	0	890	108_17:28:50	
108_17:28:50	0	RTOF	Mode	171	2	0	740	108_17:41:10	

108_17:43:00		Change voltages for BP, GR, P							-1 9 -105
108_17:44:00	1	RTOF	Mode	511	3	0	890	108_17:58:50	
108_17:58:50	0	RTOF	Mode	171	2	0	740	108_18:11:10	
108_18:13:00		Change voltages for BP, GR, P							-5 9 -105
108_18:14:00	1	RTOF	Mode	511	3	0	890	108_18:28:50	
108_18:28:50	0	RTOF	Mode	171	2	0	740	108_18:41:10	
108_18:43:00		Change voltages for BP, GR, P							-9 9 -105
108_18:44:00	1	RTOF	Mode	511	3	0	890	108_18:58:50	
108_18:58:50	0	RTOF	Mode	171	2	0	740	108_19:11:10	
108_19:16:24	0	DFMS	Flight sequence	ARNS081B	0	0	10	108_19:16:34	
108_19:16:34	0	DFMS	Mode	1	0	0	120	108_19:18:34	BP GR P
108_19:32:00		Change voltages for BP, GR, P (default)							-1 9 -105
MWNV 19:32 - 20:32									
108_20:32:00	1	DFMS	Mode	222	0	11	31680	109_05:20:00	
108_20:33:00	1	RTOF	Mode	511	15	0	3410	108_21:29:50	
108_21:47:00		Change voltages for BP, GR, P							7 3 -105
108_21:48:00	1	RTOF	Mode	511	3	0	890	108_22:02:50	
108_22:02:50	0	RTOF	Mode	171	2	0	700	108_22:14:30	
108_22:17:00		Change voltages for BP, GR, P							3 3 -105
108_22:18:00	1	RTOF	Mode	511	3	0	910	108_22:33:10	
108_22:33:10	0	RTOF	Mode	171	2	0	740	108_22:45:30	
108_22:47:00		Change voltages for BP, GR, P							-1 3 -105
108_22:48:00	1	RTOF	Mode	511	3	0	890	108_23:02:50	
108_23:02:50	0	RTOF	Mode	171	2	0	740	108_23:15:10	
108_23:17:00		Change voltages for BP, GR, P							-5 3 -105
108_23:18:00	1	RTOF	Mode	511	3	0	890	108_23:32:50	
108_23:32:50	0	RTOF	Mode	171	2	0	740	108_23:45:10	
108_23:47:00		Change voltages for BP, GR, P							-9 3 -105
108_23:48:00	1	RTOF	Mode	511	3	0	890	109_00:02:50	
109_00:02:50	0	RTOF	Mode	171	2	0	740	109_00:15:10	
109_00:17:00		Change voltages for BP, GR, P							7 21 -127.1
109_00:18:00	1	RTOF	Mode	511	3	0	890	109_00:32:50	
109_00:32:50	0	RTOF	Mode	171	2	0	740	109_00:45:10	
109_00:47:00		Change voltages for BP, GR, P							3 21 -127.1
109_00:48:00	1	RTOF	Mode	511	3	0	890	109_01:02:50	
109_01:02:50	0	RTOF	Mode	171	2	0	740	109_01:15:10	
109_01:17:00		Change voltages for BP, GR, P							-1 21 -127.1
109_01:18:00	1	RTOF	Mode	511	3	0	890	109_01:32:50	
109_01:32:50	0	RTOF	Mode	171	2	0	740	109_01:45:10	
109_01:47:00		Change voltages for BP, GR, P							-5 21 -127.1

109_01:48:00	1	RTOF	Mode	511	3	0	890	109_02:02:50	
109_02:02:50	0	RTOF	Mode	171	2	0	740	109_02:15:10	
109_02:17:00		Change voltages for BP, GR, P							-9 21 -127.1
109_02:18:00	1	RTOF	Mode	511	3	0	890	109_02:32:50	
109_02:32:50	0	RTOF	Mode	171	2	0	740	109_02:45:10	
109_02:47:00		Change voltages for BP, GR, P							7 15 -127.1
109_02:48:00	1	RTOF	Mode	511	3	0	890	109_03:02:50	
109_03:02:50	0	RTOF	Mode	171	2	0	740	109_03:15:10	
109_03:17:00		Change voltages for BP, GR, P							3 15 -127.1
109_03:18:00	1	RTOF	Mode	511	3	0	890	109_03:32:50	
109_03:32:50	0	RTOF	Mode	171	2	0	700	109_03:44:30	
109_03:47:00		Change voltages for BP, GR, P							-1 15 -127.1
109_03:48:00	1	RTOF	Mode	511	3	0	890	109_04:02:50	
109_04:02:50	0	RTOF	Mode	171	2	0	680	109_04:14:10	
109_04:17:00		Change voltages for BP, GR, P							-5 15 -127.1
109_04:18:00	1	RTOF	Mode	511	3	0	890	109_04:32:50	
109_04:32:50	0	RTOF	Mode	171	2	0	680	109_04:44:10	
109_04:47:00		Change voltages for BP, GR, P							-9 15 -127.1
109_04:48:00	1	RTOF	Mode	511	3	0	890	109_05:02:50	
109_05:02:50	0	RTOF	Mode	171	2	0	680	109_05:14:10	
109_05:22:00	1	DFMS	Flight sequence	ARNS081B	0	0	10	109_05:22:10	
109_05:22:10	0	DFMS	Mode	1	0	0	120	109_05:24:10	BP GR P
109_05:36:00		Change voltages for BP, GR, P (default)							-1 9 -105
MWNV 05:36 - 06:36									
109_06:36:00	1	DFMS	Mode	222	0	10	29100	109_14:41:00	
109_06:37:00	1	RTOF	Mode	511	15	0	3410	109_07:33:50	
109_07:51:00		Change voltages for BP, GR, P							7 9 -127.1
109_07:52:00	1	RTOF	Mode	511	3	0	890	109_08:06:50	
109_08:06:50	0	RTOF	Mode	171	2	0	680	109_08:18:10	
109_08:21:00		Change voltages for BP, GR, P							3 9 -127.1
109_08:22:00	1	RTOF	Mode	511	3	0	890	109_08:36:50	
109_08:36:50	0	RTOF	Mode	171	2	0	680	109_08:48:10	
109_08:51:00		Change voltages for BP, GR, P							-1 9 -127.1
109_08:52:00	1	RTOF	Mode	511	3	0	890	109_09:06:50	
109_09:06:50	0	RTOF	Mode	171	2	0	680	109_09:18:10	
109_09:21:00		Change voltages for BP, GR, P							-5 9 -127.1
109_09:22:00	1	RTOF	Mode	511	3	0	890	109_09:36:50	
109_09:36:50	0	RTOF	Mode	171	2	0	680	109_09:48:10	
109_09:51:00		Change voltages for BP, GR, P							-9 9 -127.1
109_09:52:00	1	RTOF	Mode	511	3	0	890	109_10:06:50	

109_10:06:50	0	RTOF	Mode	171	2	0	680	109_10:18:10	
109_10:21:00		Change voltages for BP, GR, P							7 3 -127.1
109_10:22:00	1	RTOF	Mode	511	3	0	890	109_10:36:50	
109_10:36:50	0	RTOF	Mode	171	2	0	680	109_10:48:10	
109_10:51:00		Change voltages for BP, GR, P							3 3 -127.1
109_10:52:00	1	RTOF	Mode	511	3	0	890	109_11:06:50	
109_11:06:50	0	RTOF	Mode	171	2	0	680	109_11:18:10	
109_11:21:00		Change voltages for BP, GR, P							-1 3 -127.1
109_11:22:00	1	RTOF	Mode	511	3	0	890	109_11:36:50	
109_11:36:50	0	RTOF	Mode	171	2	0	680	109_11:48:10	
109_11:51:00		Change voltages for BP, GR, P							-5 3 -127.1
109_11:52:00	1	RTOF	Mode	511	3	0	890	109_12:06:50	
109_12:06:50	0	RTOF	Mode	171	2	0	680	109_12:18:10	
109_12:21:00		Change voltages for BP, GR, P							-9 3 -127.1
109_12:22:00	1	RTOF	Mode	511	3	0	890	109_12:36:50	
109_12:36:50	0	RTOF	Mode	171	2	0	680	109_12:48:10	
109_12:51:00		Change voltages for BP, GR, P							7 21 -145
109_12:52:00	1	RTOF	Mode	511	3	0	890	109_13:06:50	
109_13:06:50	0	RTOF	Mode	171	2	0	680	109_13:18:10	
109_13:21:00		Change voltages for BP, GR, P							3 21 -145
109_13:22:00	1	RTOF	Mode	511	3	0	890	109_13:36:50	
109_13:36:50	0	RTOF	Mode	171	2	0	680	109_13:48:10	
109_13:51:00		Change voltages for BP, GR, P							-1 21 -145
109_13:52:00	1	RTOF	Mode	511	3	0	890	109_14:06:50	
109_14:06:50	0	RTOF	Mode	171	2	0	680	109_14:18:10	
109_14:21:00		Change voltages for BP, GR, P							-5 21 -145
109_14:22:00	1	RTOF	Mode	511	3	0	890	109_14:36:50	
109_14:36:50	0	RTOF	Mode	171	2	0	680	109_14:48:10	
109_14:41:00	0	DFMS	Mode	222	0	0	2580	109_15:24:00	
109_14:51:00		Change voltages for BP, GR, P							-9 21 -145
109_14:52:00	1	RTOF	Mode	511	3	0	890	109_15:06:50	
109_15:06:50	0	RTOF	Mode	171	2	0	680	109_15:18:10	
109_15:30:00	1	DFMS	Flight sequence	ARNS081B	0	0	10	109_15:30:10	
109_15:30:10	0	DFMS	Mode	1	0	0	120	109_15:32:10	BP GR P
109_15:39:00		Change voltages for BP, GR, P (default)							-1 9 -105
MWNV 15:39 - 16:39									
109_16:39:00	1	DFMS	Mode	222	0	11	31680	110_01:27:00	
109_16:40:00	1	RTOF	Mode	511	15	0	3410	109_17:36:50	
109_17:54:00		Change voltages for BP, GR, P							7 15 -145
109_17:55:00	1	RTOF	Mode	511	3	0	890	109_18:09:50	

109_18:09:50	0	RTOF	Mode	171	2	0	680	109_18:21:10			
109_18:24:00		Change voltages for BP, GR, P							3	15	-145
109_18:25:00	1	RTOF	Mode	511	3	0	890	109_18:39:50			
109_18:39:50	0	RTOF	Mode	171	2	0	680	109_18:51:10			
109_18:54:00		Change voltages for BP, GR, P							-1	15	-145
109_18:55:00	1	RTOF	Mode	511	3	0	890	109_19:09:50			
109_19:09:50	0	RTOF	Mode	171	2	0	680	109_19:21:10			
109_19:24:00		Change voltages for BP, GR, P							-5	15	-145
109_19:25:00	1	RTOF	Mode	511	3	0	890	109_19:39:50			
109_19:39:50	0	RTOF	Mode	171	2	0	680	109_19:51:10			
109_19:54:00		Change voltages for BP, GR, P							-9	15	-145
109_19:55:00	1	RTOF	Mode	511	3	0	890	109_20:09:50			
109_20:09:50	0	RTOF	Mode	171	2	0	680	109_20:21:10			
109_20:24:00		Change voltages for BP, GR, P							7	9	-145
109_20:25:00	1	RTOF	Mode	511	3	0	890	109_20:39:50			
109_20:39:50	0	RTOF	Mode	171	2	0	680	109_20:51:10			
109_20:54:00		Change voltages for BP, GR, P							3	9	-145
109_20:55:00	1	RTOF	Mode	511	3	0	890	109_21:09:50			
109_21:09:50	0	RTOF	Mode	171	2	0	680	109_21:21:10			
109_21:24:00		Change voltages for BP, GR, P							-1	9	-145
109_21:25:00	1	RTOF	Mode	511	3	0	890	109_21:39:50			
109_21:39:50	0	RTOF	Mode	171	2	0	680	109_21:51:10			
109_21:54:00		Change voltages for BP, GR, P							-5	9	-145
109_21:55:00	1	RTOF	Mode	511	3	0	890	109_22:09:50			
109_22:09:50	0	RTOF	Mode	171	2	0	680	109_22:21:10			
109_22:24:00		Change voltages for BP, GR, P							-9	9	-145
109_22:25:00	1	RTOF	Mode	511	3	0	890	109_22:39:50			
109_22:39:50	0	RTOF	Mode	171	2	0	680	109_22:51:10			
109_22:54:00		Change voltages for BP, GR, P							7	3	-145
109_22:55:00	1	RTOF	Mode	511	3	0	890	109_23:09:50			
109_23:09:50	0	RTOF	Mode	171	2	0	680	109_23:21:10			
109_23:24:00		Change voltages for BP, GR, P							3	3	-145
109_23:25:00	1	RTOF	Mode	511	3	0	890	109_23:39:50			
109_23:39:50	0	RTOF	Mode	171	2	0	680	109_23:51:10			
109_23:54:00		Change voltages for BP, GR, P							-1	3	-145
109_23:55:00	1	RTOF	Mode	511	3	0	890	110_00:09:50			
110_00:09:50	0	RTOF	Mode	171	2	0	680	110_00:21:10			
110_00:24:00		Change voltages for BP, GR, P							-5	3	-145
110_00:25:00	1	RTOF	Mode	511	3	0	890	110_00:39:50			
110_00:39:50	0	RTOF	Mode	171	2	0	680	110_00:51:10			

110_00:54:00		Change voltages for BP, GR, P							-9 3 -145
110_00:55:00	1	RTOF	Mode	511	3	0	890	110_01:09:50	
110_01:09:50	0	RTOF	Mode	171	2	0	680	110_01:21:10	
110_01:30:00	1	DFMS	Flight sequence	ARNS081B	0	0	10	110_01:30:10	
110_01:30:10	0	DFMS	Mode	1	0	0	120	110_01:32:10	BP GR P
110_01:43:00		Change voltages for BP, GR, P (default)							-1 9 -105
110_01:44:00		Set new voltages for M516 in EEPROM (permanently)							
MWNV 01:43 - 02:43									
110_02:42:00	1	RTOF	Flight sequence	ARNS041A_RTOF	0	0	60	110_02:43:00	
110_02:43:00	0	DFMS	Mode	222	0	11	31680	110_11:31:00	
110_02:44:00	0	RTOF	Mode	516	15	0	3250	110_03:38:10	
110_03:46:00		Change voltages for BP, GR, P							18.3 48 -105
110_03:47:00	1	RTOF	Mode	516	1	0	450	110_03:54:30	
110_03:58:00		Change voltages for BP, GR, P							14.3 48 -105
110_03:59:00	1	RTOF	Mode	516	1	0	450	110_04:06:30	
110_04:10:00		Change voltages for BP, GR, P							10.3 48 -105
110_04:11:00	1	RTOF	Mode	516	1	0	450	110_04:18:30	
110_04:22:00		Change voltages for BP, GR, P							18.3 42 -105
110_04:23:00	1	RTOF	Mode	516	1	0	450	110_04:30:30	
110_04:34:00		Change voltages for BP, GR, P							14.3 42 -105
110_04:35:00	1	RTOF	Mode	516	1	0	450	110_04:42:30	
110_04:46:00		Change voltages for BP, GR, P							10.3 42 -105
110_04:47:00	1	RTOF	Mode	516	1	0	450	110_04:54:30	
110_04:58:00		Change voltages for BP, GR, P							18.3 36 -105
110_04:59:00	1	RTOF	Mode	516	1	0	450	110_05:06:30	
110_05:10:00		Change voltages for BP, GR, P							14.3 36 -105
110_05:11:00	1	RTOF	Mode	516	1	0	450	110_05:18:30	
110_05:22:00		Change voltages for BP, GR, P							10.3 36 -105
110_05:23:00	1	RTOF	Mode	516	1	0	450	110_05:30:30	
110_05:34:00		Change voltages for BP, GR, P							18.3 30 -105
110_05:35:00	1	RTOF	Mode	516	1	0	450	110_05:42:30	
110_05:46:00		Change voltages for BP, GR, P							14.3 30 -105
110_05:47:04	1	RTOF	Mode	516	1	0	450	110_05:54:34	
110_05:58:00		Change voltages for BP, GR, P							10.3 30 -105
110_05:59:00	1	RTOF	Mode	516	1	0	450	110_06:06:30	
110_06:10:00		Change voltages for BP, GR, P							18.3 48 -127.1
110_06:11:00	1	RTOF	Mode	516	1	0	450	110_06:18:30	
110_06:22:00		Change voltages for BP, GR, P							14.3 48 -127.1
110_06:23:00	1	RTOF	Mode	516	1	0	450	110_06:30:30	
110_06:34:00		Change voltages for BP, GR, P							10.3 48 -127.1

110_06:35:00	1	RTOF	Mode	516	1	0	450	110_06:42:30			
110_06:46:00		Change voltages for BP, GR, P							18.3	42	-127.1
110_06:47:00	1	RTOF	Mode	516	1	0	450	110_06:54:30			
110_06:58:00		Change voltages for BP, GR, P							14.3	42	-127.1
110_06:59:00	1	RTOF	Mode	516	1	0	450	110_07:06:30			
110_07:10:00		Change voltages for BP, GR, P							10.3	42	-127.1
110_07:11:00	1	RTOF	Mode	516	1	0	450	110_07:18:30			
110_07:22:00		Change voltages for BP, GR, P							18.3	36	-127.1
110_07:23:00	1	RTOF	Mode	516	1	0	450	110_07:30:30			
110_07:34:00		Change voltages for BP, GR, P							14.3	36	-127.1
110_07:35:00	1	RTOF	Mode	516	1	0	450	110_07:42:30			
110_07:46:00		Change voltages for BP, GR, P							10.3	36	-127.1
110_07:47:00	1	RTOF	Mode	516	1	0	450	110_07:54:30			
110_07:58:00		Change voltages for BP, GR, P							18.3	30	-127.1
110_07:59:00	1	RTOF	Mode	516	1	0	450	110_08:06:30			
110_08:10:00		Change voltages for BP, GR, P							14.3	30	-127.1
110_08:11:00	1	RTOF	Mode	516	1	0	450	110_08:18:30			
110_08:22:00		Change voltages for BP, GR, P							10.3	30	-127.1
110_08:23:00	1	RTOF	Mode	516	1	0	450	110_08:30:30			
110_08:34:00		Change voltages for BP, GR, P							18.3	48	-145
110_08:35:00	1	RTOF	Mode	516	1	0	450	110_08:42:30			
110_08:46:00		Change voltages for BP, GR, P							14.3	48	-145
110_08:47:00	1	RTOF	Mode	516	1	0	450	110_08:54:30			
110_08:58:00		Change voltages for BP, GR, P							10.3	48	-145
110_08:59:00	1	RTOF	Mode	516	1	0	450	110_09:06:30			
110_09:10:00		Change voltages for BP, GR, P							18.3	42	-145
110_09:11:00	1	RTOF	Mode	516	1	0	450	110_09:18:30			
110_09:22:30		Change voltages for BP, GR, P							14.3	42	-145
110_09:23:00	1	RTOF	Mode	516	1	0	450	110_09:30:30			
110_09:34:00		Change voltages for BP, GR, P							10.3	42	-145
110_09:35:00	1	RTOF	Mode	516	1	0	450	110_09:42:30			
110_09:46:00		Change voltages for BP, GR, P							18.3	36	-145
110_09:47:00	1	RTOF	Mode	516	1	0	450	110_09:54:30			
110_09:58:00		Change voltages for BP, GR, P							14.3	36	-145
110_09:59:00	1	RTOF	Mode	516	1	0	450	110_10:06:30			
110_10:10:00		Change voltages for BP, GR, P							10.3	36	-145
110_10:11:00	1	RTOF	Mode	516	1	0	450	110_10:18:30			
110_10:22:00		Change voltages for BP, GR, P							18.3	30	-145
110_10:23:00	1	RTOF	Mode	516	1	0	450	110_10:30:30			
110_10:34:00		Change voltages for BP, GR, P							14.3	30	-145

110_10:35:00	1	RTOF	Mode	516	1	0	450	110_10:42:30	
110_10:46:00 Change voltages for BP, GR, P									10.3 30 -145
110_10:47:00	1	RTOF	Mode	516	1	0	450	110_10:54:30	
110_11:00:00	1	RTOF	Mode	1	0	0	240	110_11:04:00	
110_11:10:00	1	RTOF	Flight sequence	ARNF014A	0	0	120	110_11:12:00	
110_11:40:00	1	DFMS	Flight sequence	ARNS081B	0	0	10	110_11:40:10	
110_11:40:10	0	DFMS	Mode	1	0	0	120	110_11:42:10	
110_11:42:10	0	DFMS	Flight sequence	ARNF014B	0	0	125	110_11:44:15	BP GR P
110_11:47:00 Change voltages for BP, GR, P (default)									14.3 48 -127.1
MWNV 11:47 - 12:47									
MWNV 21:50 - 22:50									
MWNV 07:54 - 08:54									
MWNV 17:58 - 18:58									
111_23:15:00	1	COPS	Flight sequence	ARNF011A	0	0	210	111_23:18:30	
MOCM 23:25 - 02:35									

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Start time	Set Time	Instrument	Mode/Sequence	Mode/Sequence number	Cycle number	Repetition	Duration [s]	Stop time
MOCM 23:25 - 02:35								
112_02:35:00	1	COPS	Flight sequence	ARNF015A	0	0	120	112_02:37:00
112_02:37:00	0	COPS	Mode	332	1	0	60	112_02:38:00
112_02:38:00	0	DFMS	Flight sequence	ARNF003A	0	0	120	112_02:40:00
112_02:40:00	0	DFMS	Mode	222	0	8	24840	112_09:34:00
112_09:35:00	1	DFMS	Flight sequence	ARNS081B	0	0	10	112_09:35:10
112_09:35:10	0	DFMS	Mode	1	0	0	120	112_09:37:10
MWNV 09:38 - 10:38								
112_10:38:00	1	DFMS	Mode	222	0	11	31680	112_19:26:00
112_19:49:00	1	DFMS	Flight sequence	ARNS081B	0	0	10	112_19:49:10
112_19:49:10	0	DFMS	Mode	1	0	0	120	112_19:51:10
MWNV 19:52 - 20:52								
112_20:52:00	1	DFMS	Mode	222	0	11	31680	113_05:40:00
113_06:02:00	1	DFMS	Flight sequence	ARNS081B	0	0	10	113_06:02:10
113_06:02:10	0	DFMS	Mode	1	0	0	120	113_06:04:10
MWNV 06:05 - 07:05								
113_07:05:00	1	DFMS	Mode	222	0	11	31680	113_15:53:00
113_16:16:00	1	DFMS	Flight sequence	ARNS081B	0	0	10	113_16:16:10
113_16:16:10	0	DFMS	Mode	1	0	0	120	113_16:18:10

MWNV 16:19 - 17:19								
113_17:19:00	1	DFMS	Mode	222	0	11	31680	114_02:07:00
114_02:29:00	1	DFMS	Flight sequence	ARNS081B	0	0	10	114_02:29:10
114_02:29:10	0	DFMS	Mode	1	0	0	120	114_02:31:10
MWNV 02:32 - 03:32								
114_03:32:00	1	DFMS	Mode	222	0	11	31680	114_12:20:00
114_12:43:00	1	DFMS	Flight sequence	ARNS081B	0	0	10	114_12:43:10
114_12:43:10	0	DFMS	Mode	1	0	0	120	114_12:45:10
MWNV 12:46 - 13:46								
114_13:46:00	1	DFMS	Mode	222	0	12	34260	114_23:17:00
114_23:17:00	0	DFMS	Flight sequence	ARNS081B	0	0	10	114_23:17:10
114_23:17:10	0	DFMS	Mode	1	0	0	120	114_23:19:10
114_23:19:10	0	DFMS	Flight sequence	ARNF014B	0	0	125	114_23:21:15
114_23:21:15	0	COPS	Flight sequence	ARNF011A	0	0	210	114_23:24:45
MOCM 23:25 - 02:35								
115_02:35:00	1	COPS	Flight sequence	ARNF015A	0	0	120	115_02:37:00
115_02:37:00	0	COPS	Mode	332	1	0	60	115_02:38:00
115_02:38:00	0	DFMS	Flight sequence	ARNF003A	0	0	120	115_02:40:00
115_02:40:00	0	DFMS	Mode	215	0	20	18744	115_07:52:24
115_07:52:24	0	DFMS	Mode	215	0	5	5184	115_09:18:48
115_09:25:00	1	DFMS	Flight sequence	ARNS081B	0	0	10	115_09:25:10
115_09:25:10	0	DFMS	Mode	1	0	0	120	115_09:27:10
MWNV 09:28 - 10:28								
115_10:28:00	1	DFMS	Mode	502	0	5	8400	115_12:48:00
115_12:48:00	0	DFMS	Mode	262	0	0	2880	115_13:36:00
115_13:36:00	0	DFMS	Mode	502	0	5	7680	115_15:44:00
115_15:44:00	0	DFMS	Mode	562	0	1	3800	115_16:47:20
115_16:47:20	0	DFMS	Mode	502	0	6	8960	115_19:16:40
115_19:29:00	1	DFMS	Flight sequence	ARNS081B	0	0	10	115_19:29:10
115_19:29:10	0	DFMS	Mode	1	0	0	120	115_19:31:10
MWNV 19:32 - 20:32								
115_20:32:00	1	DFMS	Mode	502	0	5	8400	115_22:52:00
115_22:52:00	0	DFMS	Mode	260	0	2	2592	115_23:35:12
115_23:35:12	0	DFMS	Mode	502	0	5	7680	116_01:43:12
116_01:43:12	0	DFMS	Mode	262	0	2	8640	116_04:07:12
116_04:07:12	0	DFMS	Mode	502	0	2	3840	116_05:11:12
116_05:33:00	1	DFMS	Flight sequence	ARNS081B	0	0	10	116_05:33:10
116_05:33:10	0	DFMS	Mode	1	0	0	120	116_05:35:10
MWNV 05:36 - 06:36								
116_06:36:00	1	DFMS	Mode	502	0	5	8400	116_08:56:00

116_08:56:00	0	DFMS	Mode	262	0	0	2880	116_09:44:00
116_09:44:00	0	DFMS	Mode	502	0	5	7680	116_11:52:00
116_11:52:00	0	DFMS	Mode	562	0	1	3800	116_12:55:20
116_12:55:20	0	DFMS	Mode	502	0	6	8960	116_15:24:40
116_15:36:00	1	DFMS	Flight sequence	ARNS081B	0	0	10	116_15:36:10
116_15:36:10	0	DFMS	Mode	1	0	0	120	116_15:38:10
MWNV 15:39 - 16:39								
116_16:39:00	1	DFMS	Mode	502	0	5	8400	116_18:59:00
116_18:59:00	0	DFMS	Mode	260	0	2	2592	116_19:42:12
116_19:42:12	0	DFMS	Mode	502	0	5	7680	116_21:50:12
116_21:50:12	0	DFMS	Mode	262	0	2	8640	117_00:14:12
117_00:14:12	0	DFMS	Mode	502	0	3	5120	117_01:39:32
117_01:40:00	1	DFMS	Flight sequence	ARNS081B	0	0	10	117_01:40:10
117_01:40:10	0	DFMS	Mode	1	0	0	120	117_01:42:10
MWNV 01:43 - 02:43								
117_02:43:00	1	DFMS	Mode	502	0	5	8400	117_05:03:00
117_05:03:00	0	DFMS	Mode	262	0	0	2880	117_05:51:00
117_05:51:00	0	DFMS	Mode	502	0	5	7680	117_07:59:00
117_07:59:00	0	DFMS	Mode	562	0	1	3800	117_09:02:20
117_09:02:20	0	DFMS	Mode	502	0	6	8960	117_11:31:40
117_11:42:00	1	DFMS	Flight sequence	ARNS081B	0	0	10	117_11:42:10
117_11:42:10	0	DFMS	Mode	1	0	0	120	117_11:44:10
117_11:44:10	0	DFMS	Flight sequence	ARNF014B	0	0	125	117_11:46:15
MWNV 11:47 - 12:47								
117_12:42:00	1	COPS	Mode	0	1	0	150	117_12:44:30
117_23:20:00	1	COPS	Flight sequence	ARNF011A	0	0	210	117_23:23:30
MOCM 23:25 - 02:35								
118_02:35:00	1	COPS	Flight sequence	ARNF015A	0	0	120	118_02:37:00
118_02:37:00	0	COPS	Mode	332	1	0	60	118_02:38:00
118_02:38:00	0	DFMS	Flight sequence	ARNF003A	0	0	120	118_02:40:00
118_02:40:00	0	DFMS	Mode	215	0	19	17880	118_07:38:00
118_07:51:00	1	DFMS	Flight sequence	ARNS081B	0	0	10	118_07:51:10
118_07:51:10	0	DFMS	Mode	1	0	0	120	118_07:53:10
MWNV 07:54 - 08:54								
118_08:54:00	1	DFMS	Mode	502	0	5	8400	118_11:14:00
118_11:14:00	0	DFMS	Mode	260	0	2	2592	118_11:57:12
118_11:57:12	0	DFMS	Mode	502	0	5	7680	118_14:05:12
118_14:05:12	0	DFMS	Mode	262	0	2	8640	118_16:29:12
118_16:29:12	0	DFMS	Mode	502	0	2	3840	118_17:33:12
118_17:55:00	1	DFMS	Flight sequence	ARNS081B	0	0	10	118_17:55:10

118_17:55:10	0	DFMS	Mode	1	0	0	120	118_17:57:10
MWNV 17:58 - 18:58								
118_18:58:00	1	DFMS	Mode	502	0	5	8400	118_21:18:00
118_21:18:00	0	DFMS	Mode	260	0	2	2592	118_22:01:12
118_22:01:12	0	DFMS	Mode	502	0	2	3840	118_23:05:12
118_23:17:00	1	DFMS	Flight sequence	ARNS081B	0	0	10	118_23:17:10
118_23:17:10	0	DFMS	Mode	1	0	0	120	118_23:19:10
118_23:19:10	0	DFMS	Flight sequence	ARNF014B	0	0	125	118_23:21:15
118_23:21:15	0	COPS	Flight sequence	ARNF011A	0	0	210	118_23:24:45
MOCM 23:25 - 02:35								

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Start time	Set Time	Instrument	Mode/Sequence	Mode/Sequence number	Cycle number	Repetition	Duration [s]	Stop time
MOCM 23:25 - 02:35								
119_02:35:00	1	COPS	Flight sequence	ARNF015A	0	0	120	119_02:37:00
119_02:37:00	0	COPS	Mode	332	1	0	60	119_02:38:00
119_02:38:00	0	DFMS	Flight sequence	ARNF003A	0	0	120	119_02:40:00
119_02:40:00	0	DFMS	Mode	215	0	20	19014	119_07:56:54
119_07:56:54	0	DFMS	Mode	215	0	5	5184	119_09:23:18
119_09:23:18	0	DFMS	Flight sequence	ARNS081B	0	0	10	119_09:23:28
119_09:23:28	0	DFMS	Mode	1	0	0	120	119_09:25:28
MWNV 29/04/2015 09:38 29/04/2015 10:38								
119_10:38:00	1	DFMS	Mode	215	0	20	18744	119_15:50:24
119_15:50:24	0	DFMS	Mode	215	0	15	13824	119_19:40:48
119_19:40:48	0	DFMS	Flight sequence	ARNS081B	0	0	10	119_19:40:58
119_19:40:58	0	DFMS	Mode	1	0	0	120	119_19:42:58
MWNV 29/04/2015 19:52 29/04/2015 20:52								
119_20:52:00	1	DFMS	Mode	215	0	20	18744	120_02:04:24
120_02:04:24	0	DFMS	Mode	215	0	15	13824	120_05:54:48
120_05:54:48	0	DFMS	Flight sequence	ARNS081B	0	0	10	120_05:54:58
120_05:54:58	0	DFMS	Mode	1	0	0	120	120_05:56:58
MWNV 30/04/2015 06:05 30/04/2015 07:05								
120_07:05:00	1	DFMS	Mode	215	0	20	18744	120_12:17:24
120_12:17:24	0	DFMS	Mode	215	0	14	12960	120_15:53:24
120_15:53:24	0	DFMS	Flight sequence	ARNS081B	0	0	10	120_15:53:34
120_15:53:34	0	DFMS	Mode	1	0	0	120	120_15:55:34
MWNV 30/04/2015 16:19 30/04/2015 17:19								

120_17:19:00	1	DFMS	Mode	215	0	20	18744	120_22:31:24
120_22:31:24	0	DFMS	Mode	215	0	15	13824	121_02:21:48
121_02:21:48	0	DFMS	Flight sequence	ARNS081B	0	0	10	121_02:21:58
121_02:21:58	0	DFMS	Mode	1	0	0	120	121_02:23:58
		MWNV		01/05/2015 02:32		01/05/2015 03:32		
121_03:32:00	1	DFMS	Mode	222	0	11	31680	121_12:20:00
121_12:30:00	1	DFMS	Flight sequence	ARNS081B	0	0	10	121_12:30:10
121_12:30:10	0	DFMS	Mode	1	0	0	120	121_12:32:10
		MWNV		01/05/2015 12:46		01/05/2015 13:46		
121_13:46:10	1	DFMS	Mode	502	0	20	27600	121_21:26:10
121_21:26:10	0	DFMS	Mode	222	0	1	5160	121_22:52:10
121_22:52:10	0	DFMS	Mode	502	0	0	1280	121_23:13:30
121_23:13:30	0	DFMS	Flight sequence	ARNS081B	0	0	10	121_23:13:40
121_23:13:40	0	DFMS	Mode	1	0	0	120	121_23:15:40
121_23:15:40	0	DFMS	Flight sequence	ARNF014B	0	0	125	121_23:17:45
121_23:17:45	0	COPS	Flight sequence	ARNF011A	0	0	210	121_23:21:15
		MOCM		01/05/2015 23:25		02/05/2015 04:15		
122_04:15:00	1	COPS	Flight sequence	ARNF015A	0	0	120	122_04:17:00
122_04:17:00	0	COPS	Mode	332	1	0	60	122_04:18:00
122_04:18:00	0	DFMS	Flight sequence	ARNF003A	0	0	120	122_04:20:00
122_04:20:00	0	DFMS	Mode	222	0	5	16200	122_08:50:00
122_04:21:00	0	RTOF	Flight sequence	ARNF004A	0	0	120	122_04:23:00
122_04:23:00	0	RTOF	Flight sequence	ARNS041A_RTOF	0	0	60	122_04:24:00
122_04:24:00	0	RTOF	Mode	521	13	5	17970	122_09:23:30
122_09:00:00	1	DFMS	Flight sequence	ARNS081B	0	0	10	122_09:00:10
122_09:00:10	0	DFMS	Mode	1	0	0	120	122_09:02:10
		MWNV		02/05/2015 09:28		02/05/2015 10:28		
122_10:28:00	1	DFMS	Mode	502	0	20	27600	122_18:08:00
122_10:29:00	1	RTOF	Mode	521	15	9	32500	122_19:30:40
122_18:08:00	0	DFMS	Mode	502	0	2	3840	122_19:12:00
122_19:12:00	0	DFMS	Flight sequence	ARNS081B	0	0	10	122_19:12:10
122_19:12:10	0	DFMS	Mode	1	0	0	120	122_19:14:10
		MWNV		02/05/2015 19:32		02/05/2015 20:32		
122_20:32:00	1	RTOF	Mode	521	15	9	32500	123_05:33:40
122_20:34:00	1	DFMS	Mode	222	0	11	31680	123_05:22:00
123_05:22:00	0	DFMS	Flight sequence	ARNS081B	0	0	10	123_05:22:10
123_05:22:10	0	DFMS	Mode	1	0	0	120	123_05:24:10
123_05:33:40	0	RTOF	Mode	1	0	0	240	123_05:37:40
		MWNV		03/05/2015 05:36		03/05/2015 06:36		
123_05:37:40	0	RTOF	Flight sequence	ARNF014A	0	0	120	123_05:39:40

123_06:36:00	1	DFMS	Mode	502	0	20	27600	123_14:16:00
123_14:16:00	0	DFMS	Mode	502	0	2	3840	123_15:20:00
123_15:20:00	0	DFMS	Flight sequence	ARNS081B	0	0	10	123_15:20:10
123_15:20:10	0	DFMS	Mode	1	0	0	120	123_15:22:10
		MWNV		03/05/2015 15:39		03/05/2015 16:39		
123_16:39:00	1	DFMS	Mode	215	0	20	18744	123_21:51:24
123_21:51:24	0	DFMS	Mode	215	0	14	12960	124_01:27:24
124_01:35:00	1	DFMS	Flight sequence	ARNS081B	0	0	10	124_01:35:10
124_01:35:10	0	DFMS	Mode	1	0	0	120	124_01:37:10
		MWNV		04/05/2015 01:43		04/05/2015 02:43		
124_02:43:00	1	DFMS	Mode	215	0	20	18744	124_07:55:24
124_07:55:24	0	DFMS	Mode	215	0	14	12960	124_11:31:24
124_11:31:24	0	DFMS	Flight sequence	ARNS081B	0	0	10	124_11:31:34
124_11:31:34	0	DFMS	Mode	1	0	0	120	124_11:33:34
		MWNV		04/05/2015 11:47		04/05/2015 12:47		
124_12:47:00	1	DFMS	Mode	215	0	20	18744	124_17:59:24
124_17:59:24	0	DFMS	Mode	215	0	13	12096	124_21:21:00
124_21:21:00	0	DFMS	Flight sequence	ARNS081B	0	0	10	124_21:21:10
124_21:21:10	0	DFMS	Mode	1	0	0	120	124_21:23:10
		MWNV		04/05/2015 21:50		04/05/2015 22:50		
124_22:50:00	1	DFMS	Mode	215	0	20	18744	125_04:02:24
125_04:02:24	0	DFMS	Mode	215	0	13	12096	125_07:24:00
125_07:24:00	0	DFMS	Flight sequence	ARNS081B	0	0	10	125_07:24:10
125_07:24:10	0	DFMS	Mode	1	0	0	120	125_07:26:10
		MWNV		05/05/2015 07:54		05/05/2015 08:54		
125_08:54:00	1	DFMS	Mode	215	0	20	18744	125_14:06:24
125_14:06:24	0	DFMS	Mode	215	0	14	12960	125_17:42:24
125_17:42:24	0	DFMS	Flight sequence	ARNS081B	0	0	10	125_17:42:34
125_17:42:34	0	DFMS	Mode	1	0	0	120	125_17:44:34
		MWNV		05/05/2015 17:58		05/05/2015 18:58		
125_18:58:00	1	DFMS	Mode	215	0	16	15288	125_23:12:48
125_23:12:48	0	DFMS	Flight sequence	ARNS081B	0	0	10	125_23:12:58
125_23:12:58	0	DFMS	Mode	1	0	0	120	125_23:14:58
125_23:14:58	0	DFMS	Flight sequence	ARNF014B	0	0	125	125_23:17:03
125_23:17:03	0	COPS	Flight sequence	ARNF011A	0	0	210	125_23:20:33
		MOCM		05/05/2015 23:25		06/05/2015 05:55		

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Start time	Set Time	Instrument	Mode/Sequence	Mode/Sequence number	Cycle number	Repetition	Duration [s]	Stop time
		MOCM	05/05/2015 23:25		06/05/2015 05:55			
126_05:55:00	1	COPS	Flight sequence	ARNF015A	0	0	120	126_05:57:00
126_05:57:00	0	COPS	Mode	332	1	0	60	126_05:58:00
126_05:58:00	0	DFMS	Flight sequence	ARNF003A	0	0	120	126_06:00:00
126_06:00:00	0	DFMS	Mode	217	0	1	9444	126_08:37:24
126_08:37:24	0	DFMS	Flight sequence	ARNF100A	0	0	20	126_08:37:44
126_08:37:44	0	DFMS	Mode	215	0	3	3456	126_09:35:20
126_09:35:20	0	DFMS	Flight sequence	ARNS081B	0	0	10	126_09:35:30
126_09:35:30	0	DFMS	Mode	1	0	0	120	126_09:37:30
MWNV: 06-May-2015 09:38 - 10:38								
126_09:48:30	1	DFMS	Mode	51	0	0	3600	126_10:48:30
126_10:48:30	0	DFMS	Mode	222	0	2	7860	126_12:59:30
126_12:59:30	0	DFMS	Mode	215	0	20	18264	126_18:03:54
126_18:03:54	0	DFMS	Mode	215	0	2	2592	126_18:47:06
126_18:47:06	0	DFMS	Mode	217	0	0	3732	126_19:49:18
126_19:49:18	0	DFMS	Flight sequence	ARNS081B	0	0	10	126_19:49:28
126_19:49:28	0	DFMS	Mode	1	0	0	120	126_19:51:28
MWNV: 06-May-2015 19:52 - 21:02								
126_21:02:00	1	DFMS	Mode	215	0	20	18744	127_02:14:24
127_02:14:24	0	DFMS	Mode	215	0	14	12960	127_05:50:24
127_05:50:24	0	DFMS	Flight sequence	ARNS081B	0	0	10	127_05:50:34
127_05:50:34	0	DFMS	Mode	1	0	0	120	127_05:52:34
MWNV: 07-May-2015 06:05 - 07:15								
127_07:15:00	1	DFMS	Mode	215	0	20	18744	127_12:27:24
127_12:27:24	0	DFMS	Mode	215	0	10	9504	127_15:05:48
127_15:05:48	0	DFMS	Mode	217	0	0	3732	127_16:08:00
127_16:08:00	0	DFMS	Flight sequence	ARNS081B	0	0	10	127_16:08:10
127_16:08:10	0	DFMS	Mode	1	0	0	120	127_16:10:10
127_16:29:00	1	DFMS	Mode	51	0	0	3600	127_17:29:00
MWNV: 07-May-2015 16:19 - 17:29								
127_17:29:00	0	DFMS	Mode	222	0	2	7860	127_19:40:00
127_19:40:00	0	DFMS	Mode	502	0	18	24320	128_02:25:20
128_02:30:20	1	DFMS	Flight sequence	ARNS081B	0	0	10	128_02:30:30
128_02:30:30	0	DFMS	Mode	1	0	0	120	128_02:32:30
MWNV: 08-May-2015 02:32 - 03:42								
128_03:42:00	1	DFMS	Mode	222	0	11	31680	128_12:30:00

128_03:44:00	1	RTOF	Flight sequence	ARNF004A	0	0	120	128_03:46:00
128_03:46:00	0	RTOF	Flight sequence	ARNS041A_RTOF	1	0	60	128_03:47:00
128_03:47:00	0	RTOF	Mode	521	15	8	30120	128_12:09:00
128_12:40:00	1	DFMS	Flight sequence	ARNS081B	0	0	10	128_12:40:10
128_12:40:10	0	DFMS	Mode	1	0	0	120	128_12:42:10
MWNV: 08-May-2015 12:46 - 13:56								
128_13:56:00	1	DFMS	Mode	222	0	11	31680	128_22:44:00
128_13:57:00	1	RTOF	Mode	521	12	11	31800	128_22:47:00
128_23:13:00	0	ROSINA	Flight sequence	ZRNP2002	0	0	240	128_23:17:00
128_23:17:00	0	DFMS	Flight sequence	ARNF100B	0	0	20	128_23:17:20
128_23:17:20	0	COPS	Flight sequence	ARNF011A	0	0	210	128_23:20:50
128_23:20:50	0	DFMS	Flight sequence	ARNF014B	0	0	125	128_23:22:55
128_23:22:55	0	RTOF	Flight sequence	ARNF014A	0	0	120	128_23:24:55
MOCM: 08-May-2015 23:25 - 09-May-2015 05:55								
129_05:55:00	1	COPS	Flight sequence	ARNF015A	0	0	120	129_05:57:00
129_05:57:00	0	COPS	Mode	332	1	0	60	129_05:58:00
129_05:58:00	0	DFMS	Flight sequence	ARNF003A	0	0	120	129_06:00:00
129_06:00:00	0	DFMS	Flight sequence	ARNF100A	0	0	20	129_06:00:20
129_06:00:20	0	DFMS	Mode	222	0	3	11040	129_09:04:20
129_06:01:20	0	RTOF	Flight sequence	ARNF004A	0	0	120	129_06:03:20
129_06:03:20	0	RTOF	Flight sequence	ARNS041A_RTOF	1	0	60	129_06:04:20
129_06:04:20	0	RTOF	Mode	521	15	2	10670	129_09:02:10
129_09:04:20	0	DFMS	Mode	215	0	0	984	129_09:20:44
129_09:10:10	0	RTOF	Mode	521	3	0	850	129_09:24:20
129_09:25:44	1	DFMS	Flight sequence	ARNS081B	0	0	10	129_09:25:54
129_09:25:54	0	DFMS	Mode	1	0	0	120	129_09:27:54
MWNV: 09-May-2015 09:28 - 10:38								
129_09:26:54	0	RTOF	Mode	51	6	0	4270	129_10:38:04
129_10:38:00	1	DFMS	Mode	222	0	11	31680	129_19:26:00
129_10:38:04	0	RTOF	Mode	521	15	8	30120	129_19:00:04
129_19:29:00	1	DFMS	Flight sequence	ARNS081B	0	0	10	129_19:29:10
129_19:29:10	0	DFMS	Mode	1	0	0	120	129_19:31:10
MWNV: 09-May-2015 09:28 - 10:38								
129_20:42:00	1	DFMS	Mode	222	0	11	31680	130_05:30:00
129_20:44:00	1	RTOF	Mode	521	15	8	29250	130_04:51:30
130_05:30:00	0	DFMS	Flight sequence	ARNS081B	0	0	10	130_05:30:10
130_05:30:10	0	DFMS	Mode	1	0	0	120	130_05:32:10
MWNV: 10-May-2015 05:36 - 06:46								
130_06:46:00	1	DFMS	Mode	217	0	1	8184	130_09:02:24
130_06:48:00	1	RTOF	Mode	521	15	8	29250	130_14:55:30

130_09:02:24	0	DFMS	Mode	222	0	8	23340	130_15:31:24
130_14:55:30	0	RTOF	Mode	181	2	0	740	130_15:07:50
130_15:31:24	0	ROSINA	Flight sequence	ZRNP2002	0	0	240	130_15:35:24
130_15:35:24	0	RTOF	Flight sequence	ARNF014A	0	0	120	130_15:37:24
MWNV: 10-May-2015 15:39 - 16:49								
130_16:49:00	1	DFMS	Mode	502	0	20	27600	131_00:29:00
131_00:29:00	0	DFMS	Mode	502	0	2	3840	131_01:33:00
131_01:33:00	0	DFMS	Flight sequence	ARNS081B	0	0	10	131_01:33:10
131_01:33:10	0	DFMS	Mode	1	0	0	120	131_01:35:10
MWNV: 11-May-2015 01:43 - 02:53								
131_02:53:00	1	DFMS	Mode	502	0	6	9680	131_05:34:20
131_05:34:20	0	DFMS	Flight sequence	ARNS081B	0	0	10	131_05:34:30
131_05:34:30	0	DFMS	Flight sequence	ARNF100B	0	0	20	131_05:34:50
131_05:34:50	0	DFMS	Flight sequence	ARNF014B	0	0	125	131_05:36:55
131_05:36:55	0	COPS	Flight sequence	ARNF011A	0	0	210	131_05:40:25
131_05:40:25	0	ROSINA	Flight sequence	ARNF051A	0	0	60	131_05:41:25

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Start time	Set Time	Instrument	Mode/Sequence	Mode/Sequence number	Cycle number	Repetition	Duration [s]	Stop time	
133_05:55:00	1	COPS	Flight sequence	ARNF015A	0	0	120	133_05:57:00	
133_05:57:00	0	COPS	Mode	332	1	0	60	133_05:58:00	
133_05:58:00	0	DFMS	Flight sequence	ARNF003A	0	0	120	133_06:00:00	
133_06:00:00	0	DFMS	Mode	217	0	1	9444	133_08:37:24	
133_06:01:00	0	RTOF	Flight sequence	ARNF004A	0	0	120	133_06:03:00	
133_06:03:00	0	RTOF	Mode	521	15	2	11100	133_09:08:00	
133_08:37:24	0	DFMS	Flight sequence	ARNF100A	0	0	20	133_08:37:44	
133_08:37:44	0	DFMS	Mode	215	0	2	2592	133_09:20:56	
133_09:08:00	0	RTOF	Mode	181	2	0	740	133_09:20:20	
133_09:33:00	1	DFMS	Flight sequence	ARNS081B	0	0	10	133_09:33:10	
133_09:33:10	0	DFMS	Mode	1	0	0	120	133_09:35:10	
13-May-2015: MWNV 09:37 - 10:47									
133_10:38:00	1	RTOF	Flight sequence	ARNS041A_RTOF	1	0	60	133_10:39:00	
133_10:48:00	1	DFMS	Mode	222	0	1	5880	133_12:26:00	
133_10:49:00	1	RTOF	Mode	521	15	0	3410	133_11:45:50	
133_11:46:00	1	RTOF	Mode	181	2	0	740	133_11:58:20	
133_12:00:00	1	Change RTOF SRSSN settings temporarily				Step	1		
133_12:01:00	1	RTOF	Mode	181	2	0	680	133_12:12:20	

133_12:15:00	1	Change RTOF SRSSN settings temporarily				Step 2		
133_12:16:00	1	RTOF	Mode	181	2	0	680	133_12:27:20
133_12:26:00	0	DFMS	Mode	217	0	1	7584	133_14:32:24
133_12:30:00	1	Change RTOF SRSSN settings temporarily				Step 3		
133_12:31:00	1	RTOF	Mode	181	2	0	680	133_12:42:20
133_12:45:00	1	Change RTOF SRSSN settings temporarily				Step 4		
133_12:46:00	1	RTOF	Mode	181	2	0	680	133_12:57:20
133_13:00:00	1	Change RTOF SRSSN settings temporarily				Step 5		
133_13:01:00	1	RTOF	Mode	181	2	0	680	133_13:12:20
133_13:15:00	1	Change RTOF SRSSN settings temporarily				Step 6		
133_13:16:00	1	RTOF	Mode	181	2	0	680	133_13:27:20
133_13:29:20	1	Change RTOF SRSSN settings temporarily				Step 7		
133_13:31:00	1	RTOF	Mode	181	2	0	680	133_13:42:20
133_13:45:00	1	Change RTOF SRSSN settings temporarily				Step 8		
133_13:46:00	1	RTOF	Mode	181	2	0	680	133_13:57:20
133_14:00:00	1	Change RTOF SRSSN settings temporarily				Step 9		
133_14:01:00	1	RTOF	Mode	181	2	0	680	133_14:12:20
133_14:15:00	1	Change RTOF SRSSN settings temporarily				Step 10		
133_14:16:00	1	RTOF	Mode	181	2	0	680	133_14:27:20
133_14:30:00	1	Change RTOF SRSSN settings temporarily				Step 11		
133_14:31:00	1	RTOF	Mode	181	2	0	680	133_14:42:20
133_14:32:24	0	DFMS	Mode	215	0	16	14688	133_18:37:12
133_14:45:00	1	Change RTOF SRSSN settings temporarily				Step 12		
133_14:46:00	1	RTOF	Mode	181	2	0	680	133_14:57:20
133_15:00:00	1	Change RTOF SRSSN settings temporarily				Step 13		
133_15:01:00	1	RTOF	Mode	181	2	0	680	133_15:12:20
133_15:15:00	1	Change RTOF SRSSN settings temporarily				Step 14		
133_15:16:00	1	RTOF	Mode	181	2	0	680	133_15:27:20
133_15:30:04	1	Change RTOF SRSSN settings temporarily				Step 15		
133_15:31:00	1	RTOF	Mode	181	2	0	680	133_15:42:20
133_15:45:00	1	Change RTOF SRSSN settings temporarily				Step 16		
133_15:46:00	1	RTOF	Mode	181	2	0	680	133_15:57:20
133_16:00:00	1	Change RTOF SRSSN settings temporarily				Step 17		
133_16:01:00	1	RTOF	Mode	181	2	0	680	133_16:12:20
133_16:15:00	1	Change RTOF SRSSN settings temporarily				Step 18		
133_16:16:00	1	RTOF	Mode	181	2	0	680	133_16:27:20
133_16:30:00	1	Change RTOF SRSSN settings temporarily				Step 19		
133_16:31:00	1	RTOF	Mode	181	2	0	680	133_16:42:20
133_16:45:00	1	Change RTOF SRSSN settings temporarily				Step 20		
133_16:46:00	1	RTOF	Mode	181	2	0	680	133_16:57:20

133_17:00:00	1	Change RTOF SRSSN settings temporarily					Step	21	
133_17:01:00	1	RTOF	Mode	181	2	0	680	133_17:12:20	
133_17:15:00	1	Change RTOF SRSSN settings temporarily					Step	22	
133_17:16:00	1	RTOF	Mode	181	2	0	680	133_17:27:20	
133_17:30:00	1	Change RTOF SRSSN settings temporarily					Step	23	
133_17:31:00	1	RTOF	Mode	181	2	0	680	133_17:42:20	
133_17:45:00	1	Change RTOF SRSSN settings temporarily					Step	24	
133_17:46:00	1	RTOF	Mode	181	2	0	680	133_17:57:20	
133_18:00:00	1	Change RTOF SRSSN settings temporarily					Step	25	
133_18:01:00	1	RTOF	Mode	181	2	0	680	133_18:12:20	
133_18:15:00	1	Change RTOF SRSSN settings temporarily					Step	26	
133_18:16:00	1	RTOF	Mode	181	2	0	680	133_18:27:20	
133_18:30:00	1	Change RTOF SRSSN settings temporarily					Step	27	
133_18:31:00	1	RTOF	Mode	181	2	0	680	133_18:42:20	
133_18:37:12	0	DFMS	Mode	217	0	0	3732	133_19:39:24	
133_18:45:00	1	Change RTOF SRSSN settings temporarily					Step	28	
133_18:46:00	1	RTOF	Mode	181	2	0	680	133_18:57:20	
133_19:00:00	1	Change RTOF SRSSN settings temporarily					Step	29	
133_19:01:00	1	RTOF	Mode	181	2	0	680	133_19:12:20	
133_19:15:00	1	Change RTOF SRSSN settings temporarily					Step	30	
133_19:16:00	1	RTOF	Mode	181	2	0	680	133_19:27:20	
133_19:47:00	1	DFMS	Flight sequence	ARNS081B	0	0	10	133_19:47:10	
133_19:47:10	0	DFMS	Mode	1	0	0	120	133_19:49:10	
133_19:50:00	1	Set back default RTOF SRSSN settings temporarily							
13-May-2015: MWNV 19:50 - 21:00									
133_21:02:00	1	DFMS	Mode	215	0	20	18744	134_02:14:24	
133_21:03:00	1	RTOF	Mode	521	15	0	3410	133_21:59:50	
133_22:04:00	1	Change RTOF SRSSN settings temporarily					Step	31	
133_22:05:00	1	RTOF	Mode	181	2	0	740	133_22:17:20	
133_22:19:00	1	Change RTOF SRSSN settings temporarily					Step	32	
133_22:20:00	1	RTOF	Mode	181	2	0	680	133_22:31:20	
133_22:34:00	1	Change RTOF SRSSN settings temporarily					Step	33	
133_22:35:00	1	RTOF	Mode	181	2	0	680	133_22:46:20	
133_22:49:00	1	Change RTOF SRSSN settings temporarily					Step	34	
133_22:50:00	1	RTOF	Mode	181	2	0	680	133_23:01:20	
133_23:04:00	1	Change RTOF SRSSN settings temporarily					Step	35	
133_23:05:00	1	RTOF	Mode	181	2	0	680	133_23:16:20	
133_23:19:00	1	Change RTOF SRSSN settings temporarily					Step	36	
133_23:20:00	1	RTOF	Mode	181	2	0	680	133_23:31:20	
133_23:34:00	1	Change RTOF SRSSN settings temporarily					Step	37	

133_23:35:00	1	RTOF	Mode	181	2	0	680	133_23:46:20
133_23:49:00	1	Change RTOF SRSSN settings temporarily				Step	38	
133_23:50:00	1	RTOF	Mode	181	2	0	680	134_00:01:20
134_00:04:00	1	Change RTOF SRSSN settings temporarily				Step	39	
134_00:05:00	1	RTOF	Mode	181	2	0	680	134_00:16:20
134_00:19:00	1	Change RTOF SRSSN settings temporarily				Step	40	
134_00:20:00	1	RTOF	Mode	181	2	0	680	134_00:31:20
134_00:34:00	1	Change RTOF SRSSN settings temporarily				Step	41	
134_00:35:00	1	RTOF	Mode	181	2	0	680	134_00:46:20
134_00:49:00	1	Change RTOF SRSSN settings temporarily				Step	42	
134_00:50:00	1	RTOF	Mode	181	2	0	680	134_01:01:20
134_01:04:00	1	Change RTOF SRSSN settings temporarily				Step	43	
134_01:05:00	1	RTOF	Mode	181	2	0	680	134_01:16:20
134_01:19:00	1	Change RTOF SRSSN settings temporarily				Step	44	
134_01:20:00	1	RTOF	Mode	181	2	0	680	134_01:31:20
134_01:34:00	1	Change RTOF SRSSN settings temporarily				Step	45	
134_01:35:00	1	RTOF	Mode	181	2	0	680	134_01:46:20
134_01:49:00	1	Change RTOF SRSSN settings temporarily				Step	46	
134_01:50:00	1	RTOF	Mode	181	2	0	680	134_02:01:20
134_02:04:00	1	Change RTOF SRSSN settings temporarily				Step	47	
134_02:05:00	1	RTOF	Mode	181	2	0	680	134_02:16:20
134_02:14:24	0	DFMS	Mode	217	0	1	7464	134_04:18:48
134_02:19:00	1	Change RTOF SRSSN settings temporarily				Step	48	
134_02:20:00	1	RTOF	Mode	181	2	0	680	134_02:31:20
134_02:34:00	1	Change RTOF SRSSN settings temporarily				Step	49	
134_02:35:00	1	RTOF	Mode	181	2	0	680	134_02:46:20
134_02:49:00	1	Change RTOF SRSSN settings temporarily				Step	50	
134_02:50:00	1	RTOF	Mode	181	2	0	680	134_03:01:20
134_03:04:00	1	Change RTOF SRSSN settings temporarily				Step	51	
134_03:05:00	1	RTOF	Mode	181	2	0	680	134_03:16:20
134_03:19:00	1	Change RTOF SRSSN settings temporarily				Step	52	
134_03:20:00	1	RTOF	Mode	181	2	0	680	134_03:31:20
134_03:34:00	1	Change RTOF SRSSN settings temporarily				Step	53	
134_03:35:00	1	RTOF	Mode	181	2	0	680	134_03:46:20
134_03:49:00	1	Change RTOF SRSSN settings temporarily				Step	54	
134_03:50:00	1	RTOF	Mode	181	2	0	680	134_04:01:20
134_04:04:00	1	Change RTOF SRSSN settings temporarily				Step	55	
134_04:05:00	1	RTOF	Mode	181	2	0	680	134_04:16:20
134_04:18:48	0	DFMS	Mode	215	0	6	6048	134_05:59:36
134_04:19:00	1	Set back default RTOF SRSSN settings temporarily						

134_04:20:00	1	RTOF	Mode	521	15	0	3410	134_05:16:50	
134_06:00:00	1	DFMS	Flight sequence	ARNS081B	0	0	10	134_06:00:10	
134_06:00:10	0	DFMS	Mode	1	0	0	120	134_06:02:10	
14-May-2015: MWNV 06:03 - 07:13									
134_07:15:00	1	DFMS	Mode	222	0	1	5880	134_08:53:00	
134_07:16:00	1	RTOF	Mode	521	15	0	3410	134_08:12:50	
134_08:14:00	1	Change RTOF SRSSN settings temporarily					Step	56	
134_08:15:00	1	RTOF	Mode	181	2	0	740	134_08:27:20	
134_08:29:00	1	Change RTOF SRSSN settings temporarily					Step	57	
134_08:30:00	1	RTOF	Mode	181	2	0	680	134_08:41:20	
134_08:44:00	1	Change RTOF SRSSN settings temporarily					Step	58	
134_08:45:00	1	RTOF	Mode	181	2	0	680	134_08:56:20	
134_08:53:00	0	DFMS	Mode	215	0	20	18264	134_13:57:24	
134_08:59:00	1	Change RTOF SRSSN settings temporarily					Step	59	
134_09:00:00	1	RTOF	Mode	181	2	0	680	134_09:11:20	
134_09:14:00	1	Change RTOF SRSSN settings temporarily					Step	60	
134_09:15:00	1	RTOF	Mode	181	2	0	680	134_09:26:20	
134_09:29:00	1	Change RTOF SRSSN settings temporarily					Step	61	
134_09:30:00	1	RTOF	Mode	181	2	0	680	134_09:41:20	
134_09:44:00	1	Change RTOF SRSSN settings temporarily					Step	62	
134_09:45:00	1	RTOF	Mode	181	2	0	680	134_09:56:20	
134_09:59:00	1	Change RTOF SRSSN settings temporarily					Step	63	
134_10:00:00	1	RTOF	Mode	181	2	0	680	134_10:11:20	
134_10:14:00	1	Change RTOF SRSSN settings temporarily					Step	64	
134_10:15:00	1	RTOF	Mode	181	2	0	680	134_10:26:20	
134_10:29:00	1	Change RTOF SRSSN settings temporarily					Step	65	
134_10:30:00	1	RTOF	Mode	181	2	0	680	134_10:41:20	
134_10:44:00	1	Change RTOF SRSSN settings temporarily					Step	66	
134_10:45:00	1	RTOF	Mode	181	2	0	680	134_10:56:20	
134_10:59:00	1	Change RTOF SRSSN settings temporarily					Step	67	
134_11:00:00	1	RTOF	Mode	181	2	0	680	134_11:11:20	
134_11:14:00	1	Set back default RTOF SRSSN settings temporarily							
134_11:15:00	1	RTOF	Mode	521	15	4	17050	134_15:59:10	
134_13:57:24	0	DFMS	Mode	215	0	8	7776	134_16:07:00	
134_16:12:00	1	DFMS	Flight sequence	ARNS081B	0	0	10	134_16:12:10	
134_16:12:10	0	DFMS	Mode	1	0	0	120	134_16:14:10	
14-May-2015: MWNV 16:16 - 17:26									
134_17:29:00	1	COPS	Mode	332	1	0	60	134_17:30:00	
134_17:30:00	1	RTOF	Mode	521	15	7	27280	135_01:04:40	
134_17:31:00	1	DFMS	Mode	222	0	5	16200	134_22:01:00	

134_22:01:00	0	DFMS	Mode	262	0	1	5760	134_23:37:00
134_23:37:00	0	DFMS	Mode	222	0	2	7740	135_01:46:00
135_01:05:00	1	RTOF	Mode	1	0	0	240	135_01:09:00
135_01:10:00	1	RTOF	Mode	512	7	0	3880	135_02:14:40
135_01:46:00	0	DFMS	Mode	502	0	0	1280	135_02:07:20
135_02:27:00	1	DFMS	Flight sequence	ARNS081B	0	0	10	135_02:27:10
135_02:27:10	0	DFMS	Mode	1	0	0	120	135_02:29:10
15-May-2015: MWNV 02:29 - 03:39								
135_03:42:00	1	DFMS	Mode	222	0	11	31680	135_12:30:00
135_03:43:00	1	RTOF	Mode	512	15	0	6610	135_05:33:10
135_05:33:10	0	RTOF	Mode	514	15	0	6610	135_07:23:20
135_07:23:20	0	RTOF	Mode	520	15	0	6610	135_09:13:30
135_09:13:30	0	RTOF	Mode	512	15	0	6610	135_11:03:40
135_11:03:40	0	RTOF	Mode	514	11	0	4970	135_12:26:30
135_12:41:00	1	DFMS	Flight sequence	ARNS081B	0	0	10	135_12:41:10
135_12:41:10	0	DFMS	Mode	1	0	0	120	135_12:43:10
15-May-2015: MWNV 12:42 - 13:52								
135_13:56:00	1	RTOF	Mode	520	15	0	6610	135_15:46:10
135_13:57:00	1	DFMS	Mode	222	0	11	31680	135_22:45:00
135_15:46:10	0	RTOF	Mode	512	15	0	6610	135_17:36:20
135_17:36:20	0	RTOF	Mode	514	15	0	6610	135_19:26:30
135_19:26:30	0	RTOF	Mode	520	15	0	6610	135_21:16:40
135_21:16:40	0	RTOF	Mode	512	15	0	6610	135_23:06:50
135_22:45:00	0	DFMS	Mode	502	0	0	1280	135_23:06:20
135_23:10:00	1	ROSINA	Flight sequence	ZRNP2002	0	0	240	135_23:14:00
135_23:14:00	0	DFMS	Flight sequence	ARNF100B	0	0	20	135_23:14:20
135_23:14:20	0	COPS	Flight sequence	ARNF011A	0	0	210	135_23:17:50
135_23:17:50	0	DFMS	Flight sequence	ARNF014B	0	0	125	135_23:19:55
135_23:19:55	0	RTOF	Flight sequence	ARNF014A	0	0	120	135_23:21:55
MOCM 15-May-2015 23:55 -16-May-2015 05:55								
136_05:55:00	1	COPS	Flight sequence	ARNF015A	0	0	120	136_05:57:00
136_05:57:00	0	COPS	Mode	332	1	0	60	136_05:58:00
136_05:58:00	0	DFMS	Flight sequence	ARNF003A	0	0	120	136_06:00:00
136_06:00:00	0	DFMS	Flight sequence	ARNF100A	0	0	20	136_06:00:20
136_06:00:20	0	DFMS	Mode	222	0	3	11040	136_09:04:20
136_06:01:20	0	RTOF	Flight sequence	ARNF004A	0	0	120	136_06:03:20
136_06:03:20	0	RTOF	Flight sequence	ARNS041A_RTOF	1	0	60	136_06:04:20
136_06:04:20	0	RTOF	Mode	514	15	0	7210	136_08:04:30
136_08:04:30	0	RTOF	Mode	520	10	0	4560	136_09:20:30
136_09:04:20	0	DFMS	Mode	502	0	0	1280	136_09:25:40

136_09:25:40	0	DFMS	Flight sequence	ARNS081B	0	0	10	136_09:25:50	
136_09:25:50	0	DFMS	Mode	1	0	0	120	136_09:27:50	
16-May-2015: MWNV 09:28 - 10:38									
136_10:38:00	1	DFMS	Mode	222	0	11	31680	136_19:26:00	
136_10:39:00	1	RTOF	Mode	512	15	0	6610	136_12:29:10	
136_12:29:10	0	RTOF	Mode	514	15	0	6610	136_14:19:20	
136_14:19:20	0	RTOF	Mode	520	15	0	6610	136_16:09:30	
136_16:09:30	0	RTOF	Mode	512	15	0	6610	136_17:59:40	
136_17:59:40	0	RTOF	Mode	514	12	0	5380	136_19:29:20	
136_19:27:00	1	DFMS	Flight sequence	ARNS081B	0	0	10	136_19:27:10	
136_19:27:10	0	DFMS	Mode	1	0	0	120	136_19:29:10	
16-May-2015: MWNV 19:31 - 20:41									
136_20:41:00	1	DFMS	Mode	222	0	11	31680	137_05:29:00	
136_20:42:00	1	RTOF	Mode	520	15	0	6610	136_22:32:10	
136_22:32:10	0	RTOF	Mode	512	15	0	6610	137_00:22:20	
137_00:22:20	0	RTOF	Mode	514	15	0	6610	137_02:12:30	
137_02:12:30	0	RTOF	Mode	520	15	0	6610	137_04:02:40	
137_04:02:40	0	RTOF	Mode	512	12	0	5380	137_05:32:20	
137_05:30:00	1	DFMS	Flight sequence	ARNS081B	0	0	10	137_05:30:10	
137_05:30:10	0	DFMS	Mode	1	0	0	120	137_05:32:10	
17-May-2015: MWNV 05:34 - 06:44									
137_06:44:00	1	COPS	Mode	332	1	0	60	137_06:45:00	
137_06:45:00	1	DFMS	Mode	222	0	11	31680	137_15:33:00	
137_06:46:00	1	RTOF	Mode	514	15	0	6610	137_08:36:10	
137_08:36:10	0	RTOF	Mode	520	15	0	6610	137_10:26:20	
137_10:26:20	0	RTOF	Mode	512	15	0	6610	137_12:16:30	
137_12:16:30	0	RTOF	Mode	514	15	0	6610	137_14:06:40	
137_14:06:40	0	RTOF	Mode	520	7	0	3330	137_15:02:10	
137_15:02:10	0	RTOF	Mode	1	0	0	240	137_15:06:10	
137_15:06:10	0	RTOF	Mode	521	0	0	1130	137_15:25:00	
137_15:34:00	1	DFMS	Flight sequence	ARNS081B	0	0	10	137_15:34:10	
137_15:34:10	0	DFMS	Mode	1	0	0	120	137_15:36:10	
17-May-2015: MWNV 15:37 - 16:47									
137_16:47:00	1	DFMS	Mode	222	0	11	31680	138_01:35:00	
137_16:48:00	1	RTOF	Mode	521	15	0	3410	137_17:44:50	
137_17:49:00	1	Change RTOF SRSSN settings temporarily					Step	68	
137_17:50:00	1	RTOF	Mode	181	2	0	740	137_18:02:20	
137_18:04:00	1	Change RTOF SRSSN settings temporarily					Step	69	
137_18:05:00	1	RTOF	Mode	181	2	0	680	137_18:16:20	
137_18:19:00	1	Change RTOF SRSSN settings temporarily					Step	70	

137_18:20:00	1	RTOF	Mode	181	2	0	680	137_18:31:20
137_18:34:00	1	Change RTOF SRSSN settings temporarily				Step	71	
137_18:35:00	1	RTOF	Mode	181	2	0	680	137_18:46:20
137_18:49:00	1	Change RTOF SRSSN settings temporarily				Step	72	
137_18:50:00	1	RTOF	Mode	181	2	0	680	137_19:01:20
137_19:04:00	1	Change RTOF SRSSN settings temporarily				Step	73	
137_19:05:00	1	RTOF	Mode	181	2	0	680	137_19:16:20
137_19:19:00	1	Change RTOF SRSSN settings temporarily				Step	74	
137_19:20:00	1	RTOF	Mode	181	2	0	680	137_19:31:20
137_19:34:00	1	Change RTOF SRSSN settings temporarily				Step	75	
137_19:35:00	1	RTOF	Mode	181	2	0	680	137_19:46:20
137_19:49:00	1	Change RTOF SRSSN settings temporarily				Step	76	
137_19:50:00	1	RTOF	Mode	181	2	0	680	137_20:01:20
137_20:04:00	1	Change RTOF SRSSN settings temporarily				Step	77	
137_20:05:00	1	RTOF	Mode	181	2	0	680	137_20:16:20
137_20:19:00	1	Change RTOF SRSSN settings temporarily				Step	78	
137_20:20:00	1	RTOF	Mode	181	2	0	680	137_20:31:20
137_20:34:04	1	Change RTOF SRSSN settings temporarily				Step	79	
137_20:35:00	1	RTOF	Mode	181	2	0	680	137_20:46:20
137_20:49:00	1	Change RTOF SRSSN settings temporarily				Step	80	
137_20:50:00	1	RTOF	Mode	181	2	0	680	137_21:01:20
137_21:04:00	1	Change RTOF SRSSN settings temporarily				Step	81	
137_21:05:00	1	RTOF	Mode	181	2	0	680	137_21:16:20
137_21:19:00	1	Change RTOF SRSSN settings temporarily				Step	82	
137_21:20:00	1	RTOF	Mode	181	2	0	680	137_21:31:20
137_21:34:00	1	Change RTOF SRSSN settings temporarily				Step	83	
137_21:35:00	1	RTOF	Mode	181	2	0	680	137_21:46:20
137_21:49:00	1	Change RTOF SRSSN settings temporarily				Step	84	
137_21:50:00	1	RTOF	Mode	181	2	0	680	137_22:01:20
137_22:04:00	1	Change RTOF SRSSN settings temporarily				Step	85	
137_22:05:00	1	RTOF	Mode	181	2	0	680	137_22:16:20
137_22:19:00	1	Change RTOF SRSSN settings temporarily				Step	86	
137_22:20:00	1	RTOF	Mode	181	2	0	680	137_22:31:20
137_22:34:00	1	Change RTOF SRSSN settings temporarily				Step	87	
137_22:35:00	1	RTOF	Mode	181	2	0	680	137_22:46:20
137_22:49:00	1	Change RTOF SRSSN settings temporarily				Step	88	
137_22:50:00	1	RTOF	Mode	181	2	0	680	137_23:01:20
137_23:04:00	1	Change RTOF SRSSN settings temporarily				Step	89	
137_23:05:00	1	RTOF	Mode	181	2	0	680	137_23:16:20
137_23:19:00	1	Change RTOF SRSSN settings temporarily				Step	90	

137_23:20:00	1	RTOF	Mode	181	2	0	680	137_23:31:20
137_23:34:00	1	Change RTOF SRSSN settings temporarily				Step	91	
137_23:35:00	1	RTOF	Mode	181	2	0	680	137_23:46:20
137_23:49:00	1	Set back default RTOF SRSSN settings temporarily						
137_23:50:00	1	RTOF	Mode	521	15	1	6820	138_01:43:40
138_01:36:00	1	DFMS	Flight sequence	ARNS081B	0	0	10	138_01:36:10
138_01:36:10	0	DFMS	Mode	1	0	0	120	138_01:38:10
18-May-2015: MWNV 01:40 - 02:50								
138_02:50:00	1	DFMS	Mode	222	0	11	31680	138_11:38:00
138_03:10:00	1	RTOF	Mode	521	15	0	3410	138_04:06:50
138_04:09:00	1	Change RTOF SRSSN settings temporarily				Step	92	
138_04:10:00	1	RTOF	Mode	181	2	0	740	138_04:22:20
138_04:24:00	1	Change RTOF SRSSN settings temporarily				Step	93	
138_04:25:00	1	RTOF	Mode	181	2	0	680	138_04:36:20
138_04:39:00	1	Change RTOF SRSSN settings temporarily				Step	94	
138_04:40:00	1	RTOF	Mode	181	2	0	680	138_04:51:20
138_04:54:00	1	Change RTOF SRSSN settings temporarily				Step	95	
138_04:55:00	1	RTOF	Mode	181	2	0	680	138_05:06:20
138_05:09:00	1	Change RTOF SRSSN settings temporarily				Step	96	
138_05:10:00	1	RTOF	Mode	181	2	0	680	138_05:21:20
138_05:24:00	1	Change RTOF SRSSN settings temporarily				Step	97	
138_05:25:00	1	RTOF	Mode	181	2	0	680	138_05:36:20
138_05:39:00	1	Change RTOF SRSSN settings temporarily				Step	98	
138_05:40:00	1	RTOF	Mode	181	2	0	680	138_05:51:20
138_05:54:04	1	Change RTOF SRSSN settings temporarily				Step	99	
138_05:55:00	1	RTOF	Mode	181	2	0	680	138_06:06:20
138_06:09:00	1	Change RTOF SRSSN settings temporarily				Step	100	
138_06:10:00	1	RTOF	Mode	181	2	0	680	138_06:21:20
138_06:24:00	1	Change RTOF SRSSN settings temporarily				Step	101	
138_06:25:00	1	RTOF	Mode	181	2	0	680	138_06:36:20
138_06:39:00	1	Change RTOF SRSSN settings temporarily				Step	102	
138_06:40:00	1	RTOF	Mode	181	2	0	680	138_06:51:20
138_06:54:00	1	Change RTOF SRSSN settings temporarily				Step	103	
138_06:55:00	1	RTOF	Mode	181	2	0	680	138_07:06:20
138_07:09:00	1	Change RTOF SRSSN settings temporarily				Step	104	
138_07:10:00	1	RTOF	Mode	181	2	0	680	138_07:21:20
138_07:24:00	1	Change RTOF SRSSN settings temporarily				Step	105	
138_07:25:00	1	RTOF	Mode	181	2	0	680	138_07:36:20
138_07:39:00	1	Change RTOF SRSSN settings temporarily				Step	106	
138_07:40:00	1	RTOF	Mode	181	2	0	680	138_07:51:20

138_07:54:00	1	Change RTOF SRSSN settings temporarily					Step	107	
138_07:55:00	1	RTOF	Mode	181	2	0	680	138_08:06:20	
138_08:09:00	1	Change RTOF SRSSN settings temporarily					Step	108	
138_08:10:00	1	RTOF	Mode	181	2	0	680	138_08:21:20	
138_08:24:00	1	Change RTOF SRSSN settings temporarily					Step	109	
138_08:25:00	1	RTOF	Mode	181	2	0	680	138_08:36:20	
138_08:39:00	1	Change RTOF SRSSN settings temporarily					Step	110	
138_08:40:00	1	RTOF	Mode	181	2	0	680	138_08:51:20	
138_08:54:00	1	Change RTOF SRSSN settings temporarily					Step	111	
138_08:55:00	1	RTOF	Mode	181	2	0	680	138_09:06:20	
138_09:09:00	1	Change RTOF SRSSN settings temporarily					Step	112	
138_09:10:00	1	RTOF	Mode	181	2	0	680	138_09:21:20	
138_09:24:00	1	Change RTOF SRSSN settings temporarily					Step	113	
138_09:25:00	1	RTOF	Mode	181	2	0	680	138_09:36:20	
138_09:39:00	1	Set back default RTOF SRSSN settings temporarily							
138_09:40:00	1	RTOF	Mode	521	15	1	6820	138_11:33:40	
138_11:39:00	1	DFMS	Flight sequence	ARNS081B	0	0	10	138_11:39:10	
138_11:39:10	0	DFMS	Mode	1	0	0	120	138_11:41:10	
18-May-2015: MWNV 11:43 - 12:53									
138_12:53:00	1	DFMS	Mode	222	0	11	31680	138_21:41:00	
138_12:54:00	1	RTOF	Mode	521	15	8	30690	138_21:25:30	
138_21:43:00	1	DFMS	Flight sequence	ARNS081B	0	0	10	138_21:43:10	
138_21:43:10	0	DFMS	Mode	1	0	0	120	138_21:45:10	
18-May-2015: MWNV 21:47 - 22:57									
138_22:57:00	1	DFMS	Mode	222	0	11	31680	139_07:45:00	
138_22:58:00	1	RTOF	Mode	521	15	8	30690	139_07:29:30	
139_07:46:00	1	DFMS	Flight sequence	ARNS081B	0	0	10	139_07:46:10	
139_07:46:10	0	DFMS	Mode	1	0	0	120	139_07:48:10	
19-May-2015: MWNV 07:50 - 09:00									
139_09:00:00	1	COPS	Mode	332	1	0	60	139_09:01:00	
139_09:01:00	1	DFMS	Mode	222	0	11	31680	139_17:49:00	
139_09:02:00	1	RTOF	Mode	521	15	8	30690	139_17:33:30	
139_17:49:00	0	DFMS	Flight sequence	ARNS081B	0	0	10	139_17:49:10	
139_17:49:10	0	DFMS	Mode	1	0	0	120	139_17:51:10	
19-May-2015: MWNV 17:53- 19:03									
139_19:03:00	1	DFMS	Mode	222	0	2	8460	139_21:24:00	
139_19:04:00	1	RTOF	Mode	521	15	1	6820	139_20:57:40	
139_21:20:00	1	RTOF	Mode	181	0	2	840	139_21:34:00	
139_21:24:00	0	DFMS	Mode	540	0	0	200	139_21:27:20	
139_21:40:00	1	RTOF	Mode	521	15	0	3430	139_22:37:10	

139_21:41:00	1	DFMS	Mode	540	0	0	200	139_21:44:20
139_22:00:00	1	DFMS	Mode	222	0	0	2580	139_22:43:00
139_23:00:00	1	ROSINA	Flight sequence	ZRNP2002	0	0	240	139_23:04:00
139_23:04:00	0	DFMS	Flight sequence	ARNF100B	0	0	20	139_23:04:20
139_23:04:20	0	COPS	Flight sequence	ARNF011A	0	0	210	139_23:07:50
139_23:07:50	0	DFMS	Flight sequence	ARNF014B	0	0	125	139_23:09:55
139_23:09:55	0	RTOF	Flight sequence	ARNF014A	0	0	120	139_23:11:55

MOCM 19-May-2015 23:55 -20-May-2015 05:55

	BP	Gr	P	A1	A2	SL
0	-33.4	-0.15	-99.1	-210.0	-700.0	-1750.0
1	-46.0	-0.15	-99.1	-210.0	-700.0	-1750.0
2	-40.0	-0.15	-99.1	-210.0	-700.0	-1750.0
3	-25.0	-0.15	-99.1	-210.0	-700.0	-1750.0
4	-15.0	-0.15	-99.1	-210.0	-700.0	-1750.0
5	-33.4	-0.15	-99.1	-188.1	-799.1	-1750.0
6	-46.0	-0.15	-99.1	-171.1	-664.9	-1433.4
7	-40.0	-0.15	-99.1	-179.2	-728.8	-1584.2
8	-33.4	-0.15	-90.0	-165.9	-689.7	-1512.2
9	-33.4	-16.0	-99.1	-210.0	-700.0	-1750.0
10	-33.4	-7.0	-99.1	-210.0	-700.0	-1750.0
11	-33.4	8.0	-99.1	-210.0	-700.0	-1750.0
12	-33.4	18.0	-99.1	-210.0	-700.0	-1750.0
13	-33.4	-0.15	-90.0	-210.0	-700.0	-1750.0
14	-33.4	-0.15	-110.0	-210.0	-700.0	-1750.0
15	-33.4	-0.15	-120.0	-210.0	-700.0	-1750.0
16	-46	-7	-99.1	-210.0	-700.0	-1750.0
17	-46	-16	-99.1	-210.0	-700.0	-1750.0
18	-40	-16	-99.1	-210.0	-700.0	-1750.0
19	-40	-7	-99.1	-210.0	-700.0	-1750.0
20	-25	-7	-99.1	-210.0	-700.0	-1750.0
21	-25	8	-99.1	-210.0	-700.0	-1750.0
22	-15	8	-99.1	-210.0	-700.0	-1750.0
23	-15	18	-99.1	-210.0	-700.0	-1750.0
24	-33.4	-7	-99.1	-210.0	-700.0	-1750.0
25	-33.4	8	-99.1	-210.0	-700.0	-1750.0
26	-25	-0.15	-99.1	-210.0	-700.0	-1750.0
27	-40	-0.15	-99.1	-210.0	-700.0	-1750.0
28	-46	-0.15	-90.0	-149.6	-558.8	-1195.6

29	-40	-0.15	-90.0	-157.0	-619.8	-1346.4
30	-25	-0.15	-90.0	-177.1	-778.7	-1723.3
31	-46	-7	-90.0	-210.0	-700.0	-1750.0
32	-46	-16	-90.0	-210.0	-700.0	-1750.0
33	-40	-16	-90.0	-210.0	-700.0	-1750.0
34	-40	-7	-90.0	-210.0	-700.0	-1750.0
35	-25	-7	-90.0	-210.0	-700.0	-1750.0
36	-25	8	-90.0	-210.0	-700.0	-1750.0
37	-15	8	-90.0	-210.0	-700.0	-1750.0
38	-15	18	-90.0	-210.0	-700.0	-1750.0
39	-33.4	-7	-90.0	-210.0	-700.0	-1750.0
40	-33.4	8	-90.0	-210.0	-700.0	-1750.0
41	-25	-0.15	-90.0	-210.0	-700.0	-1750.0
42	-40	-0.15	-90.0	-210.0	-700.0	-1750.0
43	-46	-0.15	-110.0	-196.7	-791.9	-1718.2
44	-46	-7	-110.0	-210.0	-700.0	-1750.0
45	-46	-16	-110.0	-210.0	-700.0	-1750.0
46	-40	-16	-110.0	-210.0	-700.0	-1750.0
47	-40	-7	-110.0	-210.0	-700.0	-1750.0
48	-25	-7	-110.0	-210.0	-700.0	-1750.0
49	-25	8	-110.0	-210.0	-700.0	-1750.0
50	-15	8	-110.0	-210.0	-700.0	-1750.0
51	-15	18	-110.0	-210.0	-700.0	-1750.0
52	-33.4	-7	-110.0	-210.0	-700.0	-1750.0
53	-33.4	8	-110.0	-210.0	-700.0	-1750.0
54	-25	-0.15	-110.0	-210.0	-700.0	-1750.0
55	-40	-0.15	-110.0	-210.0	-700.0	-1750.0
56	-46	-7	-120.0	-210.0	-700.0	-1750.0
57	-46	-16	-120.0	-210.0	-700.0	-1750.0
58	-40	-16	-120.0	-210.0	-700.0	-1750.0
59	-40	-7	-120.0	-210.0	-700.0	-1750.0
60	-25	-7	-120.0	-210.0	-700.0	-1750.0
61	-25	8	-120.0	-210.0	-700.0	-1750.0
62	-15	8	-120.0	-210.0	-700.0	-1750.0
63	-15	18	-120.0	-210.0	-700.0	-1750.0
64	-33.4	-7	-120.0	-210.0	-700.0	-1750.0
65	-33.4	8	-120.0	-210.0	-700.0	-1750.0
66	-25	-0.15	-120.0	-210.0	-700.0	-1750.0
67	-40	-0.15	-120.0	-210.0	-700.0	-1750.0
68	10.3	48.0	-105.0	-53.7	-386.5	-1825.0

69	10.3	48.0	-105.0	-53.7	-381.5	-1825.0
70	10.3	48.0	-105.0	-53.7	-376.5	-1825.0
71	10.3	48.0	-105.0	-53.7	-371.5	-1825.0
72	10.3	48.0	-105.0	-53.7	-366.5	-1825.0
73	10.3	48.0	-105.0	-53.7	-361.5	-1825.0
74	10.3	48.0	-105.0	-53.7	-356.5	-1825.0
75	10.3	48.0	-105.0	-53.7	-351.5	-1825.0
76	10.3	48.0	-105.0	-53.7	-346.5	-1825.0
77	10.3	48.0	-105.0	-59.7	-376.5	-1825.0
78	10.3	48.0	-105.0	-58.2	-376.5	-1825.0
79	10.3	48.0	-105.0	-56.7	-376.5	-1825.0
80	10.3	48.0	-105.0	-55.2	-376.5	-1825.0
81	10.3	48.0	-105.0	-52.2	-376.5	-1825.0
82	10.3	48.0	-105.0	-50.7	-376.5	-1825.0
83	10.3	48.0	-105.0	-49.2	-376.5	-1825.0
84	10.3	48.0	-105.0	-47.7	-376.5	-1825.0
85	10.3	48.0	-105.0	-46.2	-376.5	-1825.0
86	10.3	48.0	-105.0	-44.7	-376.5	-1825.0
87	10.3	48.0	-105.0	-43.2	-376.5	-1825.0
88	10.3	48.0	-105.0	-41.7	-376.5	-1825.0
89	10.3	48.0	-105.0	-40.2	-376.5	-1825.0
90	10.3	48.0	-105.0	-38.7	-376.5	-1825.0
91	10.3	48.0	-105.0	-37.2	-376.5	-1825.0
92	10.3	48.0	-105.0	-53.7	-376.5	-1815.0
93	10.3	48.0	-105.0	-53.7	-376.5	-1805.0
94	10.3	48.0	-105.0	-53.7	-376.5	-1795.0
95	10.3	48.0	-105.0	-53.7	-376.5	-1785.0
96	10.3	48.0	-105.0	-53.7	-376.5	-1775.0
97	10.3	48.0	-105.0	-53.7	-376.5	-1765.0
98	10.3	48.0	-105.0	-53.7	-376.5	-1755.0
99	10.3	48.0	-105.0	-53.7	-376.5	-1745.0
100	10.3	48.0	-105.0	-53.7	-376.5	-1735.0
101	10.3	48.0	-105.0	-53.7	-376.5	-1725.0
102	10.3	48.0	-105.0	-53.7	-376.5	-1715.0
103	10.3	48.0	-105.0	-53.7	-376.5	-1705.0
104	10.3	48.0	-105.0	-53.7	-376.5	-1695.0
105	10.3	48.0	-105.0	-53.7	-376.5	-1685.0
106	10.3	48.0	-105.0	-53.7	-376.5	-1675.0
107	10.3	48.0	-105.0	-53.7	-376.5	-1665.0
108	10.3	48.0	-105.0	-53.7	-376.5	-1655.0

109	10.3	48.0	-105.0	-53.7	-376.5	-1645.0
110	10.3	48.0	-105.0	-53.7	-376.5	-1635.0
111	10.3	48.0	-105.0	-53.7	-376.5	-1625.0
112	10.3	48.0	-105.0	-53.7	-376.5	-1615.0
113	10.3	48.0	-105.0	-53.7	-376.5	-1605.0
0	-33.4	-0.15	-99.1	-53.7	-376.5	-1825.0

STP057

Start time	Set Time	Instrument	Mode/Sequence	Mode/Sequence number	Cycle number	Repetition	Duration [s]	Stop time
23:25 - 05:55 MOCM								
140_05:55:00	1	COPS	Flight sequence	ARNF015A	0	0	120	140_05:57:00
140_05:57:00	0	COPS	Mode	332	1	0	60	140_05:58:00
140_05:58:00	0	RTOF	Flight sequence	ARNF004A	0	0	120	140_06:00:00
140_06:00:00	0	RTOF	Flight sequence	ARNS041A_RTOF	1	0	60	140_06:01:00
140_06:01:00	0	RTOF	Mode	521	13	3	12830	140_09:34:50
140_06:02:00	0	DFMS	Flight sequence	ARNF003A	0	0	120	140_06:04:00
140_06:04:00	0	DFMS	Flight sequence	ARNF100A	0	0	20	140_06:04:20
140_06:04:20	0	DFMS	Mode	222	0	3	11940	140_09:23:20
140_09:23:20	0	DFMS	Flight sequence	ARNS081B	0	0	10	140_09:23:30
140_09:23:30	0	DFMS	Mode	1	0	0	120	140_09:25:30
09:37 - 10:47 MWNV								
140_10:47:00	1	RTOF	Mode	521	14	9	32000	140_19:40:20
140_10:48:00	1	DFMS	Mode	222	0	11	31680	140_19:36:00
140_19:40:00	1	DFMS	Flight sequence	ARNS081B	0	0	10	140_19:40:10
140_19:40:10	0	DFMS	Mode	1	0	0	120	140_19:42:10
19:50 - 21:00 MWNV								
140_21:00:00	1	RTOF	Mode	521	14	9	32000	141_05:53:20
140_21:01:00	1	DFMS	Mode	222	0	11	31680	141_05:49:00
141_05:50:00	1	DFMS	Flight sequence	ARNS081B	0	0	10	141_05:50:10
141_05:50:10	0	DFMS	Mode	1	0	0	120	141_05:52:10
06:03 - 07:13 MWNV								
141_07:13:00	1	COPS	Mode	332	1	0	60	141_07:14:00
141_07:14:00	1	RTOF	Mode	521	15	8	30690	141_15:45:30
141_07:15:00	1	DFMS	Mode	222	0	11	31680	141_16:03:00
141_15:45:30	0	RTOF	Mode	521	3	0	890	141_16:00:20
141_16:06:00	1	DFMS	Flight sequence	ARNS081B	0	0	10	141_16:06:10
141_16:06:10	0	DFMS	Mode	1	0	0	120	141_16:08:10

16:16 - 17:26 MWNV								
141_17:26:00	1	RTOF	Mode	521	14	9	32000	142_02:19:20
141_17:27:00	1	DFMS	Mode	222	0	11	31680	142_02:15:00
142_02:19:00	1	DFMS	Flight sequence	ARNS081B	0	0	10	142_02:19:10
142_02:19:10	0	DFMS	Mode	1	0	0	120	142_02:21:10
02:29 - 03:39 MWNV								
142_03:39:00	1	RTOF	Mode	521	14	9	32000	142_12:32:20
142_03:40:00	1	DFMS	Mode	222	0	11	31680	142_12:28:00
142_12:32:00	1	DFMS	Flight sequence	ARNS081B	0	0	10	142_12:32:10
142_12:32:10	0	DFMS	Mode	1	0	0	120	142_12:34:10
12:42 - 13:52 MWNV								
142_13:52:00	1	RTOF	Mode	521	13	10	32890	142_23:00:10
142_13:53:00	1	DFMS	Mode	222	0	11	31680	142_22:41:00
142_22:41:00	0	DFMS	Mode	502	0	0	1280	142_23:02:20
142_23:10:00	1	ROSINA	Flight sequence	ZRNP2002	0	0	240	142_23:14:00
142_23:14:00	0	DFMS	Flight sequence	ARNF100B	0	0	20	142_23:14:20
142_23:14:20	0	RTOF	Flight sequence	ARNF014A	0	0	120	142_23:16:20
142_23:16:20	0	DFMS	Flight sequence	ARNF014B	0	0	125	142_23:18:25
142_23:18:25	0	COPS	Flight sequence	ARNF011A	0	0	210	142_23:21:55
23:25 - 05:55 MOCM								
143_05:55:00	1	COPS	Flight sequence	ARNF015A	0	0	120	143_05:57:00
143_05:57:00	0	COPS	Mode	332	1	0	60	143_05:58:00
143_05:58:00	0	RTOF	Flight sequence	ARNF004A	0	0	120	143_06:00:00
143_06:00:00	0	RTOF	Flight sequence	ARNS041A_RTOF	1	0	60	143_06:01:00
143_06:01:00	0	DFMS	Flight sequence	ARNF003A	1	0	120	143_06:03:00
143_06:03:00	0	DFMS	Flight sequence	ARNF100A	1	0	20	143_06:03:20
143_06:03:20	0	DFMS	Mode	222	0	3	11040	143_09:07:20
143_06:04:20	0	RTOF	Mode	521	15	2	11150	143_09:10:10
143_09:07:20	0	DFMS	Flight sequence	ARNS081B	0	0	10	143_09:07:30
143_09:07:30	0	DFMS	Mode	1	0	0	120	143_09:09:30
09:11 - 10:21 MWNV								
143_10:21:00	1	RTOF	Mode	521	15	8	30690	143_18:52:30
143_10:22:00	1	DFMS	Mode	222	0	10	29100	143_18:27:00
143_18:27:00	0	DFMS	Mode	502	0	0	1280	143_18:48:20
143_18:52:00	1	DFMS	Flight sequence	ARNS081B	0	0	10	143_18:52:10
143_18:52:10	0	DFMS	Mode	1	0	0	120	143_18:54:10
18:57 - 20:07 MWNV								
143_20:07:00	1	RTOF	Mode	521	15	8	30690	144_04:38:30
143_20:08:00	1	DFMS	Mode	222	0	10	29100	144_04:13:00
144_04:13:00	0	DFMS	Mode	502	0	0	1280	144_04:34:20

144_04:34:20	0	DFMS	Flight sequence	ARNS081B	0	0	10	144_04:34:30
144_04:34:30	0	DFMS	Mode	1	0	0	120	144_04:36:30
04:44 - 05:54 MWNV								
144_05:54:00	1	RTOF	Mode	521	15	8	30690	144_14:25:30
144_05:55:00	1	DFMS	Mode	222	0	10	29100	144_14:00:00
144_14:00:00	0	DFMS	Mode	502	0	0	1280	144_14:21:20
144_14:25:00	1	DFMS	Flight sequence	ARNS081B	0	0	10	144_14:25:10
144_14:25:10	0	DFMS	Mode	1	0	0	120	144_14:27:10
14:30 - 15:40 MWNV								
144_15:40:00	1	COPS	Mode	332	1	0	60	144_15:41:00
144_15:41:00	1	RTOF	Mode	521	15	8	30690	145_00:12:30
144_15:42:00	1	DFMS	Mode	222	0	10	29100	144_23:47:00
144_23:47:00	0	DFMS	Mode	502	0	0	1280	145_00:08:20
145_00:11:00	1	DFMS	Flight sequence	ARNS081B	0	0	10	145_00:11:10
145_00:11:10	0	DFMS	Mode	1	0	0	120	145_00:13:10
00:16 - 01:26 MWNV								
145_01:26:00	1	RTOF	Mode	521	15	8	30690	145_09:57:30
145_01:27:00	1	DFMS	Mode	222	0	10	29100	145_09:32:00
145_09:32:00	0	DFMS	Mode	502	0	0	1280	145_09:53:20
145_09:58:00	1	DFMS	Flight sequence	ARNS081B	0	0	10	145_09:58:10
145_09:58:10	0	DFMS	Mode	1	0	0	120	145_10:00:10
10:03 - 11:13 MWNV								
145_11:13:00	1	RTOF	Mode	521	15	8	30690	145_19:44:30
145_11:14:00	1	DFMS	Mode	222	0	10	29100	145_19:19:00
145_19:19:00	0	DFMS	Mode	502	0	0	1280	145_19:40:20
145_19:44:00	1	DFMS	Flight sequence	ARNS081B	0	0	10	145_19:44:10
145_19:44:10	0	DFMS	Mode	1	0	0	120	145_19:46:10
19:49 - 20:59 MWNV								
145_20:59:00	1	RTOF	Mode	521	15	8	30690	146_05:30:30
145_21:00:00	1	DFMS	Mode	222	0	10	29100	146_05:05:00
146_05:05:00	0	DFMS	Mode	502	0	0	1280	146_05:26:20
146_05:30:00	1	DFMS	Flight sequence	ARNS081B	0	0	10	146_05:30:10
146_05:30:10	0	DFMS	Mode	1	0	0	120	146_05:32:10
05:35 - 06:45 MWNV								
146_06:45:00	1	RTOF	Mode	521	13	4	14950	146_10:54:10
146_06:46:00	1	DFMS	Mode	222	0	4	13620	146_10:33:00
146_10:33:00	0	DFMS	Mode	502	0	0	1280	146_10:54:20
146_11:10:00	1	ROSINA	Flight sequence	ZRNP2002	0	0	240	146_11:14:00
146_11:14:00	0	DFMS	Flight sequence	ARNF100B	0	0	20	146_11:14:20
146_11:14:20	0	RTOF	Flight sequence	ARNF014A	0	0	120	146_11:16:20

146_11:16:20	0	DFMS	Flight sequence	ARNF014B	0	0	125	146_11:18:25
146_11:18:25	0	COPS	Flight sequence	ARNF011A	0	0	210	146_11:21:55
11:25 - 17:55 MOCM								
146_17:55:00	1	COPS	Flight sequence	ARNF015A	0	0	120	146_17:57:00
146_17:57:00	0	COPS	Mode	332	1	0	60	146_17:58:00
146_17:58:00	0	DFMS	Flight sequence	ARNF003A	0	0	120	146_18:00:00
146_18:00:00	0	DFMS	Flight sequence	ARNF100A	0	0	20	146_18:00:20
146_18:00:20	0	RTOF	Flight sequence	ARNF004A	0	0	120	146_18:02:20
146_18:02:20	0	RTOF	Flight sequence	ARNS041A_RTOF	1	0	60	146_18:03:20
146_18:03:20	0	DFMS	Mode	222	0	8	23940	147_00:42:20
146_18:04:20	0	RTOF	Mode	521	15	16	58890	147_10:25:50
147_00:42:20	0	DFMS	Mode	502	0	0	1280	147_01:03:40
147_01:03:40	0	DFMS	Flight sequence	ARNS081B	0	0	10	147_01:03:50
147_01:03:50	0	DFMS	Mode	1	0	0	120	147_01:05:50
01:08 - 02:18 MWNV								
147_02:18:00	1	DFMS	Mode	222	0	11	30960	147_10:54:00
147_10:25:50	0	RTOF	Mode	521	7	0	1730	147_10:54:40
147_10:54:40	0	RTOF	Mode	181	2	0	740	147_11:07:00
147_11:10:00	1	ROSINA	Flight sequence	ZRNP2002	0	0	240	147_11:14:00
147_11:14:00	0	DFMS	Flight sequence	ARNF100B	0	0	20	147_11:14:20
147_11:14:20	0	RTOF	Flight sequence	ARNF014A	0	0	120	147_11:16:20
147_11:16:20	0	DFMS	Flight sequence	ARNF014B	0	0	125	147_11:18:25
147_11:18:25	0	COPS	Flight sequence	ARNF011A	0	0	210	147_11:21:55
11:25 - 17:55 MOCM								

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Start time	Set Time	Instrument	Mode/Sequence	Mode/Sequence number	Cycle number	Repetition	Duration [s]	Stop time
MOCM 11:25 - 17:55								
147_17:55:00	1	COPS	Flight sequence	ARNF015A	0	0	120	147_17:57:00
147_17:57:00	1	COPS	MT5 conditioning					
147_18:31:40	1	DFMS	Flight sequence	ARNF003A	0	0	120	147_18:33:40
147_18:33:40	0	DFMS	Flight sequence	ARNF100A	0	0	20	147_18:34:00
147_18:34:00	0	DFMS	Mode	51	0	3	14400	147_22:34:00
MWNV 21:20 - 22:30								
147_22:00:00	1	COPS	Mode	332	1	0	60	147_22:01:00
147_22:30:00	1	RTOF	Flight sequence	ARNF004A	0	0	120	147_22:32:00
147_22:32:00	0	RTOF	Flight sequence	ARNS041A_RTOF	1	0	60	147_22:33:00

147_22:33:00	0	RTOF	Mode	521	13	9	30770	148_07:05:50
147_22:34:00	0	DFMS	Mode	222	0	2	7860	148_00:45:00
148_00:45:00	0	DFMS	Mode	215	0	19	17400	148_05:35:00
148_05:35:00	0	DFMS	Mode	217	0	0	3732	148_06:37:12
148_07:13:00	1	DFMS	Flight sequence	ARNS081B	0	0	10	148_07:13:10
148_07:13:10	0	DFMS	Mode	1	0	0	120	148_07:15:10
MWNV 07:16 - 08:26								
148_08:26:00	1	RTOF	Mode	521	13	9	29900	148_16:44:20
148_08:27:00	1	DFMS	Mode	215	0	12	11832	148_11:44:12
148_11:44:12	0	DFMS	Mode	217	0	1	7464	148_13:48:36
148_13:48:36	0	DFMS	Mode	215	0	12	11232	148_16:55:48
148_17:09:00	1	DFMS	Flight sequence	ARNS081B	0	0	10	148_17:09:10
148_17:09:10	0	DFMS	Mode	1	0	0	120	148_17:11:10
MWNV 17:12 - 18:22								
148_18:21:00	1	COPS	Mode	332	1	0	60	148_18:22:00
148_18:22:00	1	RTOF	Mode	521	15	8	30690	149_02:53:30
148_18:23:00	1	DFMS	Mode	222	0	10	29100	149_02:28:00
149_02:53:30	0	RTOF	Mode	1	0	0	240	149_02:57:30
149_03:03:00	1	RTOF	Flight sequence	ARNF014A	0	0	120	149_03:05:00
149_03:05:00	0	DFMS	Flight sequence	ARNS081B	0	0	10	149_03:05:10
149_03:05:10	0	DFMS	Mode	1	0	0	120	149_03:07:10
MWNV 03:08 - 04:18								
149_04:18:00	1	DFMS	Mode	222	0	10	29100	149_12:23:00
149_13:01:00	1	DFMS	Flight sequence	ARNS081B	0	0	10	149_13:01:10
149_13:01:10	0	DFMS	Mode	1	0	0	120	149_13:03:10
MWNV 13:04 - 14:14								
149_14:14:00	1	DFMS	Mode	222	0	11	31680	149_23:02:00
149_23:15:00	1	DFMS	Flight sequence	ARNS081B	0	0	10	149_23:15:10
149_23:15:10	0	DFMS	Mode	1	0	0	120	149_23:17:10
149_23:17:10	0	DFMS	Flight sequence	ARNF100B	0	0	20	149_23:17:30
149_23:17:30	0	DFMS	Flight sequence	ARNF014B	0	0	125	149_23:19:35
149_23:19:35	0	COPS	Flight sequence	ARNF011A	0	0	210	149_23:23:05
MOCM 23:25 - 05:55								
150_05:55:00	1	COPS	Flight sequence	ARNF015A	0	0	120	150_05:57:00
150_05:57:00	1	COPS	MT6 conditioning					
150_06:35:40	1	DFMS	Flight sequence	ARNF003A	0	0	120	150_06:37:40
150_06:37:40	0	DFMS	Flight sequence	ARNF100A	0	0	20	150_06:38:00
150_06:38:00	0	DFMS	Mode	51	0	3	14400	150_10:38:00
MWNV 09:28 - 10:38								
150_10:08:00	1	COPS	Mode	332	1	0	60	150_10:09:00

150_10:38:00	0	DFMS	Mode	222	0	11	31080	150_19:16:00
150_19:29:00	1	DFMS	Flight sequence	ARNS081B	0	0	10	150_19:29:10
150_19:29:10	0	DFMS	Mode	1	0	0	120	150_19:31:10
MWNV 19:32 - 20:42								
150_20:42:00	1	DFMS	Mode	222	0	11	31680	151_05:30:00
151_05:33:00	1	DFMS	Flight sequence	ARNS081B	0	0	10	151_05:33:10
151_05:33:10	0	DFMS	Mode	1	0	0	120	151_05:35:10
MWNV 05:36 - 06:46								
151_06:46:00	1	DFMS	Mode	222	0	11	31680	151_15:34:00
151_15:36:00	1	DFMS	Flight sequence	ARNS081B	0	0	10	151_15:36:10
151_15:36:10	0	DFMS	Mode	1	0	0	120	151_15:38:10
MWNV 15:39 - 16:49								
151_16:48:00	1	COPS	Mode	332	1	0	60	151_16:49:00
151_16:49:00	1	DFMS	Mode	222	0	11	31680	152_01:37:00
152_01:40:00	1	DFMS	Flight sequence	ARNS081B	0	0	10	152_01:40:10
152_01:40:10	0	DFMS	Mode	1	0	0	120	152_01:42:10
MWNV 01:43 - 02:53								
152_02:53:00	1	DFMS	Mode	222	0	11	31680	152_11:41:00
152_02:54:00	1	RTOF	Flight sequence	ARNF004A	0	0	120	152_02:56:00
152_02:56:00	0	RTOF	Flight sequence	ARNS041A_RTOF	1	0	60	152_02:57:00
152_02:57:00	0	RTOF	Mode	512	12	0	5930	152_04:35:50
152_04:35:50	0	RTOF	Mode	514	12	0	5380	152_06:05:30
152_06:05:30	0	RTOF	Mode	520	12	0	5380	152_07:35:10
152_07:35:10	0	RTOF	Mode	512	11	0	4970	152_08:58:00
152_08:58:00	0	RTOF	Mode	514	11	0	4970	152_10:20:50
152_10:20:50	0	RTOF	Mode	520	11	0	4970	152_11:43:40
152_11:44:00	1	DFMS	Flight sequence	ARNS081B	0	0	10	152_11:44:10
152_11:44:10	0	DFMS	Mode	1	0	0	120	152_11:46:10
MWNV 11:47 - 12:57								
152_12:57:00	1	DFMS	Mode	222	0	11	31680	152_21:45:00
152_12:58:00	1	RTOF	Mode	512	12	0	5380	152_14:27:40
152_14:27:40	0	RTOF	Mode	514	12	0	5380	152_15:57:20
152_15:57:20	0	RTOF	Mode	520	12	0	5380	152_17:27:00
152_17:27:04	1	RTOF	Mode	512	11	0	4970	152_18:49:54
152_18:49:54	0	RTOF	Mode	514	11	0	4970	152_20:12:44
152_20:12:44	0	RTOF	Mode	520	11	0	4970	152_21:35:34
152_21:43:00	1	RTOF	Mode	1	0	0	240	152_21:47:00
152_21:47:00	1	DFMS	Flight sequence	ARNS081B	0	0	10	152_21:47:10
152_21:47:10	0	DFMS	Mode	1	0	0	120	152_21:49:10
MWNV 21:50 - 23:00								

152_22:59:00	1	COPS	Mode	332	1	0	60	152_23:00:00
152_23:00:00	1	DFMS	Mode	222	0	11	31680	153_07:48:00
152_23:01:00	1	RTOF	Mode	521	15	8	31560	153_07:47:00
153_07:51:00	1	DFMS	Flight sequence	ARNS081B	0	0	10	153_07:51:10
153_07:51:10	0	DFMS	Mode	1	0	0	120	153_07:53:10
MWNV 07:54 - 09:04								
153_09:04:00	1	RTOF	Mode	521	15	8	30690	153_17:35:30
153_09:05:00	1	DFMS	Mode	217	0	1	8184	153_11:21:24
153_11:21:24	0	DFMS	Mode	215	0	17	15552	153_15:40:36
153_15:40:36	0	DFMS	Mode	217	0	1	7464	153_17:45:00
153_17:55:00	1	DFMS	Flight sequence	ARNS081B	0	0	10	153_17:55:10
153_17:55:10	0	DFMS	Mode	1	0	0	120	153_17:57:10
MWNV 17:58 - 19:08								
153_19:08:00	1	RTOF	Mode	521	14	3	12800	153_22:41:20
153_19:09:00	1	DFMS	Mode	215	0	4	4920	153_20:31:00
153_20:31:00	0	DFMS	Mode	217	0	0	3732	153_21:33:12
153_21:33:12	0	DFMS	Mode	215	0	5	5184	153_22:59:36
153_22:41:20	0	RTOF	Mode	181	3	0	950	153_22:57:10
153_23:05:00	1	ROSINA	Flight sequence	ZRNP2002	0	0	240	153_23:09:00
153_23:09:00	0	DFMS	Flight sequence	ARNF100B	0	0	20	153_23:09:20
153_23:09:20	0	DFMS	Flight sequence	ARNF014B	0	0	125	153_23:11:25
153_23:11:25	0	RTOF	Flight sequence	ARNF014A	0	0	120	153_23:13:25
153_23:13:25	0	COPS	Flight sequence	ARNF011A	0	0	210	153_23:16:55
MOCM 23:25 - 05:55								

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Start time	Set Time	Instrument	Mode/Sequence	Mode/Sequence number	Cycle number	Repetition	Duration [s]	Stop time
MOCM 23:25 - 05:55								
154_05:55:00	1	COPS	Flight sequence	ARNF015A	0	0	120	154_05:57:00
154_05:57:00	0	COPS	Mode	332	1	0	60	154_05:58:00
154_05:58:00	0	DFMS	Flight sequence	ARNF003A	0	0	120	154_06:00:00
154_06:00:00	0	DFMS	Flight sequence	ARNF100A	0	0	20	154_06:00:20
154_06:00:20	0	DFMS	Mode	222	0	3	11940	154_09:19:20
154_09:19:20	0	DFMS	Mode	260	0	0	864	154_09:33:44
154_09:34:00	1	DFMS	Flight sequence	ARNS081B	0	0	10	154_09:34:10
154_09:34:10	0	DFMS	Mode	1	0	0	120	154_09:36:10
MWNV 09:37 - 10:47								

154_10:47:00	1	RTOF	Flight sequence	ARNF004A	0	0	120	154_10:49:00
154_10:49:00	0	RTOF	Flight sequence	ARNS041A_RTOF	1	0	60	154_10:50:00
154_10:50:00	0	RTOF	Mode	53	15	2	28960	154_18:52:40
154_10:51:00	0	DFMS	Mode	222	0	9	26520	154_18:13:00
154_18:13:00	0	DFMS	Mode	260	0	0	864	154_18:27:24
154_18:27:24	0	DFMS	Mode	220	0	0	1194	154_18:47:18
154_18:47:18	0	DFMS	Mode	262	0	0	2880	154_19:35:18
154_18:52:40	0	RTOF	Mode	523	10	0	3230	154_19:46:30
154_19:47:00	1	DFMS	Flight sequence	ARNS081B	0	0	10	154_19:47:10
154_19:47:10	0	DFMS	Mode	1	0	0	120	154_19:49:10
MWNV 19:50 - 21:00								
154_21:00:00	1	DFMS	Mode	222	0	9	26520	155_04:22:00
154_21:01:00	1	RTOF	Mode	523	15	7	27280	155_04:35:40
155_04:22:00	0	DFMS	Mode	260	0	1	1728	155_04:50:48
155_04:35:40	0	RTOF	Mode	523	10	1	4720	155_05:54:20
155_04:50:48	0	DFMS	Mode	220	0	0	1194	155_05:10:42
155_05:10:42	0	DFMS	Mode	262	0	0	2880	155_05:58:42
155_06:00:00	1	DFMS	Flight sequence	ARNS081B	0	0	10	155_06:00:10
155_06:00:10	0	DFMS	Mode	1	0	0	120	155_06:02:10
MWNV 06:03 - 07:13								
155_07:13:00	1	COPS	Mode	332	1	0	60	155_07:14:00
155_07:14:00	1	DFMS	Mode	222	0	9	26520	155_14:36:00
155_07:15:00	1	RTOF	Mode	523	15	8	30690	155_15:46:30
155_14:36:00	0	DFMS	Mode	260	0	1	1728	155_15:04:48
155_15:04:48	0	DFMS	Mode	220	0	0	1194	155_15:24:42
155_15:24:42	0	DFMS	Mode	262	0	0	2880	155_16:12:42
155_15:46:30	0	RTOF	Mode	523	6	0	1520	155_16:11:50
155_16:13:00	1	DFMS	Flight sequence	ARNS081B	0	0	10	155_16:13:10
155_16:13:10	0	DFMS	Mode	1	0	0	120	155_16:15:10
MWNV 16:16 - 17:26								
155_17:27:00	1	DFMS	Mode	222	0	9	26520	156_00:49:00
155_17:28:00	1	RTOF	Mode	523	15	7	27280	156_01:02:40
156_00:49:00	0	DFMS	Mode	260	0	1	1728	156_01:17:48
156_01:02:40	0	RTOF	Mode	523	10	1	4720	156_02:21:20
156_01:17:48	0	DFMS	Mode	220	0	0	1194	156_01:37:42
156_01:37:42	0	DFMS	Mode	262	0	0	2880	156_02:25:42
156_02:26:00	1	DFMS	Flight sequence	ARNS081B	0	0	10	156_02:26:10
156_02:26:10	0	DFMS	Mode	1	0	0	120	156_02:28:10
MWNV 02:29 - 03:39								
156_03:39:00	1	COPS	Mode	332	1	0	60	156_03:40:00

156_03:40:00	1	DFMS	Mode	222	0	9	26520	156_11:02:00
156_03:41:00	1	RTOF	Mode	523	12	10	30580	156_12:10:40
156_11:02:00	0	DFMS	Mode	260	0	1	1728	156_11:30:48
156_11:30:48	0	DFMS	Mode	220	0	0	1194	156_11:50:42
156_11:50:42	0	DFMS	Mode	262	0	0	2880	156_12:38:42
156_12:10:40	0	RTOF	Mode	183	2	0	740	156_12:23:00
156_12:39:00	1	DFMS	Flight sequence	ARNS081B	0	0	10	156_12:39:10
156_12:39:10	0	DFMS	Mode	1	0	0	120	156_12:41:10
MWNV 12:42 - 13:52								
156_13:52:00	1	DFMS	Mode	260	0	1	2448	156_14:32:48
156_13:53:00	1	RTOF	Mode	523	15	8	30690	156_22:24:30
156_14:32:48	0	DFMS	Mode	220	0	0	1194	156_14:52:42
156_14:52:42	0	DFMS	Mode	262	0	0	2880	156_15:40:42
156_15:40:42	0	DFMS	Mode	222	0	6	18060	156_20:41:42
156_20:41:42	0	DFMS	Mode	260	0	1	1728	156_21:10:30
156_21:10:30	0	DFMS	Mode	220	0	1	2388	156_21:50:18
156_21:50:18	0	DFMS	Mode	262	0	0	2880	156_22:38:18
156_22:24:30	0	RTOF	Mode	1	0	0	240	156_22:28:30
156_22:28:30	0	RTOF	Flight sequence	ARNF014A	0	0	120	156_22:30:30
156_22:35:00	1	Set optimized RTOF SRSSN settings in the EEPROM (permanently) (Step 0)						
156_22:38:18	0	DFMS	Mode	260	0	0	864	156_22:52:42
156_23:15:00	1	DFMS	Flight sequence	ARNS081B	0	0	10	156_23:15:10
156_23:15:10	0	DFMS	Mode	1	0	0	120	156_23:17:10
156_23:17:10	0	DFMS	Flight sequence	ARNF100B	0	0	20	156_23:17:30
156_23:17:30	0	DFMS	Flight sequence	ARNF014B	0	0	125	156_23:19:35
156_23:19:35	0	COPS	Flight sequence	ARNF011A	0	0	210	156_23:23:05
MOCM 23:25 - 05:55								
157_05:55:00	1	COPS	Flight sequence	ARNF015A	0	0	120	157_05:57:00
157_05:57:00	0	COPS	Mode	332	1	0	60	157_05:58:00
157_05:58:00	0	DFMS	Flight sequence	ARNF003A	0	0	120	157_06:00:00
157_06:00:00	0	DFMS	Flight sequence	ARNF100A	0	0	20	157_06:00:20
157_06:00:20	0	DFMS	Mode	260	0	0	1584	157_06:26:44
157_06:01:20	0	RTOF	Flight sequence	ARNF004A	0	0	120	157_06:03:20
157_06:03:20	0	RTOF	Flight sequence	ARNS041A_RTOF	1	0	60	157_06:04:20
157_06:04:20	0	RTOF	Mode	521	14	2	10470	157_08:58:50
157_06:26:44	0	DFMS	Mode	220	0	0	1194	157_06:46:38
157_06:46:38	0	DFMS	Mode	262	0	0	2880	157_07:34:38
157_07:34:38	0	DFMS	Mode	222	0	1	5160	157_09:00:38
157_09:00:38	0	DFMS	Mode	260	0	0	864	157_09:15:02
157_09:25:00	1	DFMS	Flight sequence	ARNS081B	0	0	10	157_09:25:10

157_09:25:10	0	DFMS	Mode	1	0	0	120	157_09:27:10
MWNV 09:28 - 10:38								
157_10:38:00	1	DFMS	Mode	260	0	0	1584	157_11:04:24
157_10:39:00	1	RTOF	Mode	521	15	8	30690	157_19:10:30
157_11:04:24	0	DFMS	Mode	220	0	0	1194	157_11:24:18
157_11:24:18	0	DFMS	Mode	262	0	0	2880	157_12:12:18
157_12:12:18	0	DFMS	Mode	222	0	6	18060	157_17:13:18
157_17:13:18	0	DFMS	Mode	260	0	0	864	157_17:27:42
157_17:27:42	0	DFMS	Mode	220	0	0	1194	157_17:47:36
157_17:47:36	0	DFMS	Mode	262	0	1	5760	157_19:23:36
157_19:28:00	1	DFMS	Flight sequence	ARNS081B	0	0	10	157_19:28:10
157_19:28:10	0	DFMS	Mode	1	0	0	120	157_19:30:10
MWNV 19:31 - 20:41								
157_20:41:00	1	COPS	Mode	332	1	0	60	157_20:42:00
157_20:42:00	1	DFMS	Mode	260	0	0	1584	157_21:08:24
157_20:43:00	1	RTOF	Mode	521	15	8	30690	158_05:14:30
157_21:08:24	0	DFMS	Mode	220	0	0	1194	157_21:28:18
157_21:28:18	0	DFMS	Mode	262	0	0	2880	157_22:16:18
157_22:16:18	0	DFMS	Mode	222	0	5	15480	158_02:34:18
158_02:34:18	0	DFMS	Mode	260	0	1	1728	158_03:03:06
158_03:03:06	0	DFMS	Mode	220	0	1	2388	158_03:42:54
158_03:42:54	0	DFMS	Mode	262	0	1	5760	158_05:18:54
158_05:31:00	1	DFMS	Flight sequence	ARNS081B	0	0	10	158_05:31:10
158_05:31:10	0	DFMS	Mode	1	0	0	120	158_05:33:10
MWNV 05:34 - 06:44								
158_06:44:00	1	DFMS	Mode	222	0	8	23940	158_13:23:00
158_06:45:00	1	RTOF	Mode	181	2	0	740	158_06:57:20
158_06:57:20	0	RTOF	Mode	521	15	7	27280	158_14:32:00
158_13:23:00	0	DFMS	Mode	260	0	1	1728	158_13:51:48
158_13:51:48	0	DFMS	Mode	220	0	1	2388	158_14:31:36
158_14:31:36	0	DFMS	Mode	262	0	0	2880	158_15:19:36
158_15:34:00	1	DFMS	Flight sequence	ARNS081B	0	0	10	158_15:34:10
158_15:34:10	0	DFMS	Mode	1	0	0	120	158_15:36:10
MWNV 15:37 - 16:47								
158_16:47:00	1	DFMS	Mode	222	0	9	26520	159_00:09:00
158_16:48:00	1	RTOF	Mode	521	15	1	6820	158_18:41:40
158_18:44:00	1	Change RTOF SRSSN settings temporarily				Step	1	
158_18:45:00	1	RTOF	Mode	181	2	0	740	158_18:57:20
158_18:59:00	1	Change RTOF SRSSN settings temporarily				Step	2	
158_19:00:00	1	RTOF	Mode	181	2	0	680	158_19:11:20

158_19:14:00	1	Change RTOF SRSSN settings temporarily					Step 3	
158_19:15:00	1	RTOF	Mode	181	2	0	680 158_19:26:20	
158_19:29:00	1	Change RTOF SRSSN settings temporarily					Step 4	
158_19:30:00	1	RTOF	Mode	181	2	0	680 158_19:41:20	
158_19:44:00	1	Change RTOF SRSSN settings temporarily					Step 5	
158_19:45:00	1	RTOF	Mode	181	2	0	680 158_19:56:20	
158_19:59:00	1	Change RTOF SRSSN settings temporarily					Step 6	
158_20:00:00	1	RTOF	Mode	181	2	0	680 158_20:11:20	
158_20:14:00	1	Change RTOF SRSSN settings temporarily					Step 7	
158_20:15:00	1	RTOF	Mode	181	2	0	680 158_20:26:20	
158_20:29:00	1	Change RTOF SRSSN settings temporarily					Step 8	
158_20:30:00	1	RTOF	Mode	181	2	0	680 158_20:41:20	
158_20:44:00	1	Change RTOF SRSSN settings temporarily					Step 9	
158_20:45:00	1	RTOF	Mode	181	2	0	680 158_20:56:20	
158_20:59:00	1	Change RTOF SRSSN settings temporarily					Step 10	
158_21:00:00	1	RTOF	Mode	181	2	0	680 158_21:11:20	
158_21:14:00	1	Change RTOF SRSSN settings temporarily					Step 11	
158_21:15:00	1	RTOF	Mode	181	2	0	680 158_21:26:20	
158_21:29:00	1	Change RTOF SRSSN settings temporarily					Step 12	
158_21:30:00	1	RTOF	Mode	181	2	0	680 158_21:41:20	
158_21:44:00	1	Change RTOF SRSSN settings temporarily					Step 13	
158_21:45:00	1	RTOF	Mode	181	2	0	680 158_21:56:20	
158_21:59:00	1	Change RTOF SRSSN settings temporarily					Step 14	
158_22:00:04	1	RTOF	Mode	181	2	0	680 158_22:11:24	
158_22:14:00	1	Change RTOF SRSSN settings temporarily					Step 15	
158_22:15:00	1	RTOF	Mode	181	2	0	680 158_22:26:20	
158_22:29:00	1	Change RTOF SRSSN settings temporarily					Step 16	
158_22:30:00	1	RTOF	Mode	181	2	0	680 158_22:41:20	
158_22:44:00	1	Change RTOF SRSSN settings temporarily					Step 17	
158_22:45:00	1	RTOF	Mode	181	2	0	680 158_22:56:20	
158_22:59:00	1	Change RTOF SRSSN settings temporarily					Step 18	
158_23:00:00	1	RTOF	Mode	181	2	0	680 158_23:11:20	
158_23:14:00	1	Change RTOF SRSSN settings temporarily					Step 19	
158_23:15:00	1	RTOF	Mode	181	2	0	680 158_23:26:20	
158_23:29:00	1	Change RTOF SRSSN settings temporarily					Step 20	
158_23:30:00	1	RTOF	Mode	181	2	0	680 158_23:41:20	
158_23:44:00	1	Change RTOF SRSSN settings temporarily					Step 21	
158_23:45:00	1	RTOF	Mode	181	2	0	680 158_23:56:20	
158_23:59:00	1	Change RTOF SRSSN settings temporarily					Step 22	
159_00:00:00	1	RTOF	Mode	181	2	0	680 159_00:11:20	

159_00:09:00	0	DFMS	Mode	260	0	0	864	159_00:23:24
159_00:14:00	1	Change RTOF SRSSN settings temporarily				Step 23		
159_00:15:00	1	RTOF	Mode	181	2	0	680	159_00:26:20
159_00:23:24	0	DFMS	Mode	220	0	0	1194	159_00:43:18
159_00:29:00	1	Change RTOF SRSSN settings temporarily				Step 24		
159_00:30:00	1	RTOF	Mode	181	2	0	680	159_00:41:20
159_00:43:18	0	DFMS	Mode	262	0	0	2880	159_01:31:18
159_00:44:00	1	Change RTOF SRSSN settings temporarily				Step 25		
159_00:45:00	1	RTOF	Mode	181	2	0	680	159_00:56:20
159_00:59:00	1	Change RTOF SRSSN settings temporarily				Step 26		
159_01:00:00	1	RTOF	Mode	181	2	0	680	159_01:11:20
159_01:14:00	1	Change RTOF SRSSN settings temporarily				Step 27		
159_01:15:00	1	RTOF	Mode	181	2	0	680	159_01:26:20
159_01:29:00	1	Set back default RTOF SRSSN settings temporarily						
159_01:37:00	1	DFMS	Flight sequence	ARNS081B	0	0	10	159_01:37:10
159_01:37:10	0	DFMS	Mode	1	0	0	120	159_01:39:10
MWNV 01:40 - 02:50								
159_02:50:00	1	COPS	Mode	332	1	0	60	159_02:51:00
159_02:51:00	1	DFMS	Mode	222	0	9	26520	159_10:13:00
159_02:52:00	1	RTOF	Mode	521	15	0	3410	159_03:48:50
159_03:59:00	1	Change RTOF SRSSN settings temporarily				Step 28		
159_04:00:00	1	RTOF	Mode	181	2	0	740	159_04:12:20
159_04:14:00	1	Change RTOF SRSSN settings temporarily				Step 29		
159_04:15:00	1	RTOF	Mode	181	2	0	680	159_04:26:20
159_04:29:04	1	Change RTOF SRSSN settings temporarily				Step 30		
159_04:30:00	1	RTOF	Mode	181	2	0	680	159_04:41:20
159_04:44:00	1	Change RTOF SRSSN settings temporarily				Step 31		
159_04:45:00	1	RTOF	Mode	181	2	0	680	159_04:56:20
159_04:59:00	1	Change RTOF SRSSN settings temporarily				Step 32		
159_05:00:00	1	RTOF	Mode	181	2	0	680	159_05:11:20
159_05:14:00	1	Change RTOF SRSSN settings temporarily				Step 33		
159_05:15:00	1	RTOF	Mode	181	2	0	680	159_05:26:20
159_05:29:00	1	Change RTOF SRSSN settings temporarily				Step 34		
159_05:30:00	1	RTOF	Mode	181	2	0	680	159_05:41:20
159_05:44:00	1	Change RTOF SRSSN settings temporarily				Step 35		
159_05:45:00	1	RTOF	Mode	181	2	0	680	159_05:56:20
159_05:59:00	1	Change RTOF SRSSN settings temporarily				Step 36		
159_06:00:00	1	RTOF	Mode	181	2	0	680	159_06:11:20
159_06:14:00	1	Change RTOF SRSSN settings temporarily				Step 37		
159_06:15:00	1	RTOF	Mode	181	2	0	680	159_06:26:20

159_06:29:00	1	Change RTOF SRSSN settings temporarily					Step	38	
159_06:30:00	1	RTOF	Mode	181	2	0	680	159_06:41:20	
159_06:44:00	1	Change RTOF SRSSN settings temporarily					Step	39	
159_06:45:00	1	RTOF	Mode	181	2	0	680	159_06:56:20	
159_06:59:00	1	Change RTOF SRSSN settings temporarily					Step	40	
159_07:00:00	1	RTOF	Mode	181	2	0	680	159_07:11:20	
159_07:14:00	1	Change RTOF SRSSN settings temporarily					Step	41	
159_07:15:00	1	RTOF	Mode	181	2	0	680	159_07:26:20	
159_07:29:00	1	Change RTOF SRSSN settings temporarily					Step	42	
159_07:30:00	1	RTOF	Mode	181	2	0	680	159_07:41:20	
159_07:44:00	1	Change RTOF SRSSN settings temporarily					Step	43	
159_07:45:00	1	RTOF	Mode	181	2	0	680	159_07:56:20	
159_07:59:00	1	Change RTOF SRSSN settings temporarily					Step	44	
159_08:00:00	1	RTOF	Mode	181	2	0	680	159_08:11:20	
159_08:14:00	1	Change RTOF SRSSN settings temporarily					Step	45	
159_08:15:00	1	RTOF	Mode	181	2	0	680	159_08:26:20	
159_08:29:00	1	Change RTOF SRSSN settings temporarily					Step	46	
159_08:30:00	1	RTOF	Mode	181	2	0	680	159_08:41:20	
159_08:44:00	1	Set back default RTOF SRSSN settings temporarily							
159_08:45:00	1	RTOF	Mode	521	15	0	3410	159_09:41:50	
159_09:41:50	0	RTOF	Mode	1	0	0	240	159_09:45:50	
159_09:45:50	0	RTOF	Flight sequence	ARNF014A	0	0	120	159_09:47:50	
159_10:13:00	0	DFMS	Mode	260	0	0	864	159_10:27:24	
159_10:27:24	0	DFMS	Mode	220	0	0	1194	159_10:47:18	
159_10:47:18	0	DFMS	Mode	262	0	0	2880	159_11:35:18	
159_11:40:00	1	DFMS	Flight sequence	ARNS081B	0	0	10	159_11:40:10	
159_11:40:10	0	DFMS	Mode	1	0	0	120	159_11:42:10	
MWNV 11:43 - 12:53									
159_12:53:00	1	DFMS	Mode	222	0	9	26520	159_20:15:00	
159_20:15:00	0	DFMS	Mode	260	0	0	864	159_20:29:24	
159_20:29:24	0	DFMS	Mode	220	0	0	1194	159_20:49:18	
159_20:49:18	0	DFMS	Mode	262	0	0	2880	159_21:37:18	
159_21:43:00	1	DFMS	Flight sequence	ARNS081B	0	0	10	159_21:43:10	
159_21:43:10	0	DFMS	Mode	1	0	0	120	159_21:45:10	
MWNV 21:47 - 22:57									
159_22:57:00	1	DFMS	Mode	222	0	9	26520	160_06:19:00	
160_06:19:00	0	DFMS	Mode	260	0	0	864	160_06:33:24	
160_06:33:24	0	DFMS	Mode	220	0	0	1194	160_06:53:18	
160_06:53:18	0	DFMS	Mode	262	0	0	2880	160_07:41:18	
160_07:47:00	1	DFMS	Flight sequence	ARNS081B	0	0	10	160_07:47:10	

160_07:47:10	0	DFMS	Mode	1	0	0	120	160_07:49:10
MWNV 07:50 - 09:00								
160_09:00:00	1	DFMS	Mode	522	0	20	3718	160_10:01:58
160_10:01:58	0	DFMS	Mode	522	0	20	3108	160_10:53:46
160_10:53:46	0	DFMS	Mode	522	0	20	3108	160_11:45:34
160_11:45:34	0	DFMS	Flight sequence	ARNS081B	0	0	10	160_11:45:44
160_11:50:00	1	DFMS	Mode	522	0	20	3108	160_12:41:48
160_12:41:48	0	DFMS	Mode	522	0	20	3108	160_13:33:36
160_13:33:36	0	DFMS	Mode	522	0	20	3108	160_14:25:24
160_14:25:24	0	DFMS	Flight sequence	ARNS081B	0	0	10	160_14:25:34
160_14:30:00	1	DFMS	Mode	522	0	20	3108	160_15:21:48
160_15:21:48	0	DFMS	Mode	522	0	20	3108	160_16:13:36
160_16:13:36	0	DFMS	Mode	522	0	18	2812	160_17:00:28
160_17:00:28	0	DFMS	Flight sequence	ARNS081B	0	0	10	160_17:00:38
160_17:05:00	1	DFMS	Mode	522	0	15	2368	160_17:44:28
160_17:50:00	1	DFMS	Flight sequence	ARNS081B	0	0	10	160_17:50:10
160_17:50:10	0	DFMS	Mode	1	0	0	120	160_17:52:10
MWNV 17:53 - 19:03								
160_19:03:00	1	DFMS	Mode	222	0	4	13620	160_22:50:00
160_22:50:00	0	DFMS	Mode	260	0	0	864	160_23:04:24
160_23:05:00	1	DFMS	Flight sequence	ARNS081B	0	0	10	160_23:05:10
160_23:05:10	0	DFMS	Mode	1	0	0	120	160_23:07:10
160_23:07:10	0	DFMS	Flight sequence	ARNF100B	0	0	20	160_23:07:30
160_23:07:30	0	DFMS	Flight sequence	ARNF014B	0	0	125	160_23:09:35
160_23:09:35	0	COPS	Flight sequence	ARNF011A	0	0	210	160_23:13:05
MOCM 23:25 - 05:55								

	BP	GR	P	R1	R2	RL
0	-40.0	0.0	-90.0	-53.7	-376.5	-1825.0
1	-45.0	-3.5	-90.0	-53.7	-376.5	-1825.0
2	-45.0	-6.0	-90.0	-53.7	-376.5	-1825.0
3	-42.5	-6.0	-90.0	-53.7	-376.5	-1825.0
4	-42.5	-3.5	-90.0	-53.7	-376.5	-1825.0
5	-42.5	0.0	-90.0	-53.7	-376.5	-1825.0
6	-40.0	0.0	-90.0	-53.7	-376.5	-1825.0
7	-40.0	-3.5	-90.0	-53.7	-376.5	-1825.0
8	-40.0	2.5	-90.0	-53.7	-376.5	-1825.0
9	-37.5	2.5	-90.0	-53.7	-376.5	-1825.0
10	-37.5	0.0	-90.0	-53.7	-376.5	-1825.0

11	-37.5	5.0	-90.0	-53.7	-376.5	-1825.0
12	-35.0	5.0	-90.0	-53.7	-376.5	-1825.0
13	-35.0	2.5	-90.0	-53.7	-376.5	-1825.0
14	-35.0	7.5	-90.0	-53.7	-376.5	-1825.0
15	-32.5	7.5	-90.0	-53.7	-376.5	-1825.0
16	-32.5	5.0	-90.0	-53.7	-376.5	-1825.0
17	-40.0	0.0	-95.0	-53.7	-376.5	-1825.0
18	-40.0	0.0	-85.0	-53.7	-376.5	-1825.0
19	-40.0	0.0	-90.0	-53.7	-375.0	-1825.0
20	-40.0	0.0	-90.0	-53.7	-376.5	-1825.0
21	-40.0	0.0	-90.0	-53.7	-378.0	-1825.0
22	-40.0	0.0	-90.0	-53.7	-380.0	-1825.0
23	-40.0	0.0	-90.0	-53.7	-382.0	-1825.0
24	-40.0	0.0	-90.0	-53.7	-384.0	-1825.0
25	-40.0	0.0	-90.0	-53.7	-386.0	-1825.0
26	-40.0	0.0	-90.0	-53.7	-388.0	-1825.0
27	-40.0	0.0	-90.0	-53.7	-390.0	-1825.0
28	-40.0	0.0	-90.0	-53.7	-376.5	-1810.0
29	-40.0	0.0	-90.0	-53.7	-376.5	-1795.0
30	-40.0	0.0	-90.0	-53.7	-376.5	-1780.0
31	-40.0	0.0	-90.0	-53.7	-376.5	-1765.0
32	-40.0	0.0	-90.0	-53.7	-376.5	-1750.0
33	-40.0	0.0	-90.0	-53.7	-376.5	-1735.0
34	-40.0	0.0	-90.0	-53.7	-376.5	-1720.0
35	-40.0	0.0	-90.0	-53.7	-376.5	-1705.0
36	-40.0	0.0	-90.0	-48.7	-376.5	-1825.0
37	-40.0	0.0	-90.0	-49.7	-376.5	-1825.0
38	-40.0	0.0	-90.0	-50.7	-376.5	-1825.0
39	-40.0	0.0	-90.0	-51.7	-376.5	-1825.0
40	-40.0	0.0	-90.0	-52.7	-376.5	-1825.0
41	-40.0	0.0	-90.0	-53.7	-376.5	-1825.0
42	-40.0	0.0	-90.0	-54.7	-376.5	-1825.0
43	-40.0	0.0	-90.0	-55.7	-376.5	-1825.0
44	-40.0	0.0	-90.0	-56.7	-376.5	-1825.0
45	-40.0	0.0	-90.0	-57.7	-376.5	-1825.0
46	-40.0	0.0	-90.0	-58.7	-376.5	-1825.0
0	-40.0	0.0	-90.0	-53.7	-376.5	-1825.0

STP060

Start time	Set Time	Instrument	Mode/Sequence	Mode/Sequence number	Cycle number	Repetition	Duration [s]	Stop time
09/06/2015 MOCM 23:25 - 05:55								
161_05:55:00	1	ROSINA	Flight sequence	ARNF051A	0	0	60	161_05:56:00
161_06:30:00	1	ROSINA	Flight sequence	ARNF050A_M	0	0	120	161_06:32:00
161_06:32:00	0	ROSINA	Flight sequence	ARNF002A	0	0	220	161_06:35:40
161_06:45:00	1	COPS	Flight sequence	ARNF015A	0	0	120	161_06:47:00
161_06:47:00	0	COPS	Mode	332	1	0	60	161_06:48:00
161_06:48:00	0	DFMS	Flight sequence	ARNF003A	0	0	120	161_06:50:00
161_06:50:00	0	RTOF	Flight sequence	ARNF004A	0	0	120	161_06:52:00
161_06:52:00	0	RTOF	Flight sequence	ARNS041A_RTOF	1	0	60	161_06:53:00
10/06/2015 MWNV 09:37 - 10:47								
161_10:46:00	1	DFMS	Flight sequence	ARNF100A	0	0	20	161_10:46:20
161_10:46:30	1	p_T = 157, pL_max = 900, multiplication factor = 9						
161_10:47:00	1	DFMS	Mode	522	1	10	3758	161_11:49:38
161_10:48:00	1	RTOF	Mode	521	15	0	4280	161_11:59:20
161_11:49:38	0	DFMS	Mode	522	1	10	3108	161_12:41:26
161_11:59:20	0	RTOF	Mode	1	0	0	240	161_12:03:20
161_12:03:20	0	RTOF	Flight sequence	ARNF014A	0	0	120	161_12:05:20
161_12:41:26	0	DFMS	Mode	522	1	10	3108	161_13:33:14
161_13:34:00	1	DFMS	Flight sequence	ARNS081B	0	0	10	161_13:34:10
161_13:34:30	1	p_T = 93, pL_max = 600, multiplication factor = 6						
161_13:35:00	1	DFMS	Mode	522	1	10	3108	161_14:26:48
161_14:26:48	0	DFMS	Mode	522	1	10	3108	161_15:18:36
161_15:18:36	0	DFMS	Mode	522	1	10	3108	161_16:10:24
161_16:12:00	1	DFMS	Flight sequence	ARNS081B	0	0	10	161_16:12:10
161_16:12:30	1	p_T = 31, pL_max = 200, multiplication factor = 2						
161_16:13:00	1	DFMS	Mode	522	1	10	3108	161_17:04:48
161_17:04:48	0	DFMS	Mode	522	1	10	3108	161_17:56:36
161_17:56:36	0	DFMS	Mode	522	1	10	3108	161_18:48:24
161_18:49:00	1	DFMS	Flight sequence	ARNS081B	0	0	10	161_18:49:10
161_18:49:30	1	p_T = 157, pL_max = 900, multiplication factor = 9						
161_18:53:00	1	DFMS	Mode	522	1	10	3108	161_19:44:48
161_19:47:00	1	DFMS	Flight sequence	ARNS081B	0	0	10	161_19:47:10
161_19:47:10	0	DFMS	Mode	1	0	0	120	161_19:49:10
10/06/2015 MWNV 19:50 - 21:00								
161_21:00:00	1	DFMS	Mode	222	0	10	29100	162_05:05:00
162_05:05:00	0	DFMS	Mode	220	0	1	2388	162_05:44:48

162_06:00:00	1	DFMS	Flight sequence	ARNS081B	0	0	10	162_06:00:10
162_06:00:10	0	DFMS	Mode	1	0	0	120	162_06:02:10
11/06/2015 MWNV 06:03 - 07:13								
162_07:13:00	1	DFMS	Mode	222	0	0	3300	162_08:08:00
162_08:08:00	0	DFMS	Mode	564	0	0	1900	162_08:39:40
162_08:39:40	0	DFMS	Mode	222	0	7	20640	162_14:23:40
162_14:23:40	0	DFMS	Mode	262	0	1	5760	162_15:59:40
162_16:13:00	1	DFMS	Flight sequence	ARNS081B	0	0	10	162_16:13:10
162_16:13:10	0	DFMS	Mode	1	0	0	120	162_16:15:10
11/06/2015 MWNV 16:16 - 17:26								
162_17:26:00	1	DFMS	Mode	222	0	10	29100	163_01:31:00
163_01:31:00	0	DFMS	Mode	220	0	1	2388	163_02:10:48
163_02:10:48	0	DFMS	Mode	260	0	0	864	163_02:25:12
163_02:26:00	1	DFMS	Flight sequence	ARNS081B	0	0	10	163_02:26:10
163_02:26:10	0	DFMS	Mode	1	0	0	120	163_02:28:10
12/06/2015 MWNV 02:29 - 03:39								
163_03:39:00	1	DFMS	Mode	222	0	10	29100	163_11:44:00
163_11:44:00	0	DFMS	Mode	564	0	0	1900	163_12:15:40
163_12:15:40	0	DFMS	Mode	220	0	0	1194	163_12:35:34
163_12:39:00	1	DFMS	Flight sequence	ARNS081B	0	0	10	163_12:39:10
163_12:39:10	0	DFMS	Mode	1	0	0	120	163_12:41:10
12/06/2015 MWNV 12:42 - 13:52								
163_13:52:00	1	DFMS	Mode	222	0	9	26520	163_21:14:00
163_21:14:00	0	DFMS	Mode	262	0	1	5760	163_22:50:00
163_23:10:00	1	DFMS	Flight sequence	ARNS081B	0	0	10	163_23:10:10
163_23:10:10	0	DFMS	Mode	1	0	0	120	163_23:12:10
163_23:12:10	0	DFMS	Flight sequence	ARNF100B	0	0	20	163_23:12:30
163_23:12:30	0	DFMS	Flight sequence	ARNF014B	0	0	125	163_23:14:35
163_23:14:35	0	COPS	Flight sequence	ARNF011A	0	0	210	163_23:18:05
12-13/06/2015 MOCM 23:25 - 05:55								
164_05:55:00	1	COPS	Flight sequence	ARNF015A	0	0	120	164_05:57:00
164_05:57:00	0	COPS	Flight sequence	ARNF016A	0	0	60	164_05:58:00
164_05:58:00	0	COPS	Mode	396	1	0	60	164_05:59:00
164_05:59:00	0	DFMS	Flight sequence	ARNF003A	0	0	120	164_06:01:00
164_06:01:00	0	DFMS	Flight sequence	ARNF100A	0	0	20	164_06:01:20
164_06:01:20	0	DFMS	Mode	222	0	0	3300	164_06:56:20
164_06:56:20	0	DFMS	Sequence	59	0	1	2480	164_07:37:40
164_07:37:40	0	DFMS	Sequence	64	0	1	4440	164_08:51:40
164_08:51:40	0	DFMS	Mode	1072	0	4	1950	164_09:24:10
164_09:25:00	1	DFMS	Flight sequence	ARNS081B	0	0	10	164_09:25:10

164_09:25:10	0	DFMS	Mode	1	0	0	120	164_09:27:10
13/06/2015 MWNV 09:28 - 10:38								
164_10:38:00	1	DFMS	Sequence	59	0	2	4180	164_11:47:40
164_11:47:40	0	DFMS	Sequence	64	0	2	6660	164_13:38:40
164_13:38:40	0	DFMS	Sequence	69	0	1	9216	164_16:12:16
164_16:12:16	0	DFMS	Sequence	59	0	2	3720	164_17:14:16
164_17:14:16	0	DFMS	Sequence	64	0	2	6660	164_19:05:16
164_19:05:16	0	DFMS	Sequence	59	0	0	1240	164_19:25:56
164_19:28:00	1	DFMS	Flight sequence	ARNS081B	0	0	10	164_19:28:10
164_19:28:10	0	DFMS	Mode	1	0	0	120	164_19:30:10
13/06/2015 MWNV 19:31 - 20:41								
164_20:41:00	1	DFMS	Sequence	64	0	2	7160	164_22:40:20
164_22:40:20	0	DFMS	Sequence	59	0	3	4960	165_00:03:00
165_00:00:00	1	COPS	Flight sequence	ARNF016B	0	0	60	165_00:01:00
165_00:01:00	0	COPS	Mode	332	1	0	60	165_00:02:00
165_00:03:00	0	DFMS	Mode	222	0	0	2580	165_00:46:00
165_00:46:00	0	DFMS	Mode	322	0	0	8700	165_03:11:00
165_03:11:00	0	DFMS	Mode	222	0	2	7740	165_05:20:00
165_05:31:00	1	DFMS	Flight sequence	ARNS081B	0	0	10	165_05:31:10
165_05:31:10	0	DFMS	Mode	1	0	0	120	165_05:33:10
14/06/2015 MWNV 05:34 - 06:44								
165_06:44:00	1	DFMS	Mode	222	0	7	21360	165_12:40:00
165_12:40:00	0	DFMS	Mode	262	0	2	8640	165_15:04:00
165_15:04:00	0	DFMS	Mode	220	0	0	1194	165_15:23:54
165_15:34:00	1	DFMS	Flight sequence	ARNS081B	0	0	10	165_15:34:10
165_15:34:10	0	DFMS	Mode	1	0	0	120	165_15:36:10
14/06/2015 MWNV 15:37 - 16:47								
165_16:47:00	1	DFMS	Mode	222	0	0	3300	165_17:42:00
165_17:42:00	0	DFMS	Mode	564	0	0	1900	165_18:13:40
165_18:13:40	0	DFMS	Mode	322	0	0	8700	165_20:38:40
165_20:38:40	0	DFMS	Mode	320	0	0	6900	165_22:33:40
165_22:33:40	0	DFMS	Mode	222	0	1	5160	165_23:59:40
165_23:59:40	0	DFMS	Mode	220	0	0	1194	166_00:19:34
166_00:19:34	0	DFMS	Mode	260	0	0	864	166_00:33:58
166_01:37:00	1	DFMS	Flight sequence	ARNS081B	0	0	10	166_01:37:10
166_01:37:10	0	DFMS	Mode	1	0	0	120	166_01:39:10
15/06/2015 MWNV 01:40 - 02:50								
166_02:50:00	1	DFMS	Mode	222	0	8	23940	166_09:29:00
166_09:29:00	0	DFMS	Mode	262	0	1	5760	166_11:05:00
166_11:05:00	0	DFMS	Mode	260	0	0	864	166_11:19:24

166_11:19:24	0	DFMS	Mode	220	0	0	1194	166_11:39:18
166_11:40:00	1	DFMS	Flight sequence	ARNS081B	0	0	10	166_11:40:10
166_11:40:10	0	DFMS	Mode	1	0	0	120	166_11:42:10
15/06/2015 MWNV 11:43 - 12:53								
166_12:53:00	1	DFMS	Mode	222	0	7	21360	166_18:49:00
166_18:49:00	0	DFMS	Mode	564	0	0	1900	166_19:20:40
166_19:20:40	0	DFMS	Mode	262	0	0	2880	166_20:08:40
166_20:08:40	0	DFMS	Mode	260	0	2	2592	166_20:51:52
166_20:51:52	0	DFMS	Mode	220	0	1	2388	166_21:31:40
166_21:44:00	1	DFMS	Flight sequence	ARNS081B	0	0	10	166_21:44:10
166_21:44:10	0	DFMS	Mode	1	0	0	120	166_21:46:10
15/06/2015 MWNV 21:47 - 22:57								
166_22:57:00	1	DFMS	Mode	222	0	7	21360	167_04:53:00
167_04:53:00	0	DFMS	Mode	322	0	0	8700	167_07:18:00
167_07:47:00	1	DFMS	Flight sequence	ARNS081B	0	0	10	167_07:47:10
167_07:47:10	0	DFMS	Mode	1	0	0	120	167_07:49:10
16/06/2015 MWNV 07:50 - 09:00								
167_09:00:00	1	DFMS	Mode	215	0	10	10104	167_11:48:24
167_11:48:24	0	DFMS	Mode	217	0	1	7464	167_13:52:48
167_13:52:48	0	DFMS	Mode	215	0	15	13824	167_17:43:12
167_17:50:00	1	DFMS	Flight sequence	ARNS081B	0	0	10	167_17:50:10
167_17:50:10	0	DFMS	Mode	1	0	0	120	167_17:52:10
16/06/2015 MWNV 17:53 - 19:03								
167_19:03:00	1	DFMS	Mode	217	0	1	8184	167_21:19:24
167_21:19:24	0	DFMS	Mode	215	0	6	6048	167_23:00:12
167_23:00:12	0	DFMS	Flight sequence	ARNS081B	0	0	10	167_23:00:22
167_23:00:22	0	DFMS	Mode	1	0	0	120	167_23:02:22
167_23:02:22	0	DFMS	Flight sequence	ARNF100B	0	0	20	167_23:02:42
167_23:02:42	0	DFMS	Flight sequence	ARNF014B	0	0	125	167_23:04:47
167_23:20:00	1	COPS	Flight sequence	ARNF011A	0	0	210	167_23:23:30
16-17/06/2015 MOCM 23:25 - 05:55								

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Start time	Set Time	Instrument	Mode/Sequence	Mode/Sequence number	Cycle number	Repetition	Duration [s]	Stop time
16-17/06/2015 MOCM 23:25 - 05:55								
168_05:55:00	1	COPS	Flight sequence	ARNF015A	0	0	120	168_05:57:00
168_05:57:00	0	COPS	Mode	332	1	0	60	168_05:58:00

168_05:58:00	0	DFMS	Flight sequence	ARNF003A	0	0	120	168_06:00:00
168_06:00:00	0	DFMS	Flight sequence	ARNF100A	0	0	20	168_06:00:20
168_06:00:20	0	DFMS	Mode	217	0	1	9444	168_08:37:44
168_08:37:44	0	DFMS	Mode	215	0	2	2592	168_09:20:56
168_09:20:56	0	DFMS	Flight sequence	ARNS081B	0	0	10	168_09:21:06
168_09:21:06	0	DFMS	Mode	1	0	0	120	168_09:23:06
WOL 17/06/2015 09:37 17/06/2015 10:47								
168_10:47:00	1	DFMS	Mode	217	0	1	8184	168_13:03:24
168_13:03:24	0	DFMS	Mode	215	0	17	15552	168_17:22:36
168_17:22:36	0	DFMS	Mode	217	0	1	7464	168_19:27:00
168_19:45:24	1	DFMS	Flight sequence	ARNS081B	0	0	10	168_19:45:34
168_19:45:34	0	DFMS	Mode	1	0	0	120	168_19:47:34
WOL 17/06/2015 19:50 17/06/2015 21:00								
168_21:00:34	1	DFMS	Mode	215	0	20	18744	169_02:12:58
169_02:12:58	0	DFMS	Mode	215	0	14	12960	169_05:48:58
169_05:48:58	0	DFMS	Flight sequence	ARNS081B	0	0	10	169_05:49:08
169_05:49:08	0	DFMS	Mode	1	0	0	120	169_05:51:08
WOL 18/06/2015 06:03 18/06/2015 07:13								
169_07:13:08	1	DFMS	Mode	215	0	20	18744	169_12:25:32
169_12:25:32	0	DFMS	Mode	215	0	14	12960	169_16:01:32
169_16:01:32	0	DFMS	Flight sequence	ARNS081B	0	0	10	169_16:01:42
169_16:01:42	0	DFMS	Mode	1	0	0	120	169_16:03:42
WOL 18/06/2015 16:16 18/06/2015 17:26								
169_17:26:42	1	DFMS	Mode	217	0	1	8184	169_19:43:06
169_19:43:06	0	DFMS	Mode	215	0	20	18144	170_00:45:30
170_00:45:30	0	DFMS	Mode	217	0	0	3732	170_01:47:42
170_01:47:42	0	DFMS	Flight sequence	ARNS081B	0	0	10	170_01:47:52
170_01:47:52	0	DFMS	Mode	1	0	0	120	170_01:49:52
WOL 19/06/2015 02:29 19/06/2015 03:39								
170_03:39:52	1	DFMS	Mode	502	0	10	14800	170_07:46:32
170_07:46:32	0	DFMS	Mode	562	0	1	3800	170_08:49:52
170_08:49:52	0	DFMS	Mode	502	0	9	12800	170_12:23:12
170_12:23:12	0	DFMS	Flight sequence	ARNS081B	0	0	10	170_12:23:22
170_12:23:22	0	DFMS	Mode	1	0	0	120	170_12:25:22
WOL 19/06/2015 12:42 19/06/2015 13:52								
Pixel Shift -19								
170_13:52:22	1	DFMS	Mode	502	0	0	2000	170_14:25:42
170_14:25:42	0	DFMS	Mode	562	0	1	3800	170_15:29:02
170_15:29:02	0	DFMS	Mode	502	0	20	26880	170_22:57:02
170_22:57:02	0	DFMS	Flight sequence	ARNS081B	0	0	10	170_22:57:12

170_22:57:12	0	DFMS	Mode	1	0	0	120	170_22:59:12
170_22:59:12	0	DFMS	Flight sequence	ARNF100B	0	0	20	170_22:59:32
170_22:59:32	0	DFMS	Flight sequence	ARNF014B	0	0	125	170_23:01:37
170_23:01:37	0	COPS	Flight sequence	ARNF011A	0	0	210	170_23:05:07
MOCM 19/06/2015 23:25 20/06/2015 05:55								
171_05:55:07	1	COPS	Flight sequence	ARNF015A	0	0	120	171_05:57:07
171_05:57:07	0	COPS	Mode	332	1	0	60	171_05:58:07
171_05:58:07	0	DFMS	Flight sequence	ARNF100A	0	0	20	171_05:58:27
171_05:59:27	0	DFMS	Flight sequence	ARNF003A	0	0	120	171_06:01:27
Pixel Shift 0								
171_06:01:27	0	DFMS	Mode	562	0	1	4350	171_07:13:57
171_07:13:57	0	DFMS	Mode	502	0	5	7680	171_09:21:57
171_09:21:57	0	DFMS	Flight sequence	ARNS081B	0	0	10	171_09:22:07
171_09:22:07	0	DFMS	Mode	1	0	0	120	171_09:24:07
WOL 20/06/2015 09:28 20/06/2015 10:38								
Pixel Shift -10								
171_10:38:37	1	DFMS	Mode	262	0	1	6480	171_12:26:37
171_12:26:37	0	DFMS	Mode	502	0	10	14080	171_16:21:17
171_16:21:17	0	DFMS	Mode	222	0	3	10320	171_19:13:17
171_19:13:17	0	DFMS	Flight sequence	ARNS081B	0	0	10	171_19:13:27
171_19:13:27	0	DFMS	Mode	1	0	0	120	171_19:15:27
WOL 20/06/2015 19:31 20/06/2015 20:41								
Pixel Shift 0								
171_20:41:27	1	DFMS	Mode	222	0	10	29100	172_04:46:27
172_04:46:27	0	DFMS	Mode	502	0	1	2560	172_05:29:07
172_05:29:07	0	DFMS	Flight sequence	ARNS081B	0	0	10	172_05:29:17
172_05:29:17	0	DFMS	Mode	1	0	0	120	172_05:31:17
WOL 21/06/2015 05:34 21/06/2015 06:44								
172_06:44:17	1	DFMS	Mode	322	0	0	9420	172_09:21:17
172_09:21:17	0	DFMS	Mode	1012	0	1	16000	172_13:47:57
172_13:47:57	0	DFMS	Mode	502	0	4	6400	172_15:34:37
172_15:34:37	0	DFMS	Flight sequence	ARNS081B	0	0	10	172_15:34:47
172_15:34:47	0	DFMS	Mode	1	0	0	120	172_15:36:47
WOL 21/06/2015 15:37 21/06/2015 16:47								
172_16:47:47	1	DFMS	Mode	217	0	1	8184	172_19:04:11
172_19:04:11	0	DFMS	Mode	215	0	20	18144	173_00:06:35
173_00:06:35	0	DFMS	Mode	215	0	5	5184	173_01:32:59
173_01:32:59	0	DFMS	Flight sequence	ARNS081B	0	0	10	173_01:33:09
173_01:33:09	0	DFMS	Mode	1	0	0	120	173_01:35:09
WOL 22/06/2015 01:40 22/06/2015 02:50								

173_02:50:09	1	DFMS	Mode	217	0	1	8184	173_05:06:33
173_05:06:33	0	DFMS	Mode	215	0	20	18144	173_10:08:57
173_10:08:57	0	DFMS	Mode	215	0	5	5184	173_11:35:21
173_11:35:21	0	DFMS	Flight sequence	ARNS081B	0	0	10	173_11:35:31
173_11:35:31	0	DFMS	Mode	1	0	0	120	173_11:37:31
WOL		22/06/2015 11:43			22/06/2015 12:53			
173_12:53:00	1	DFMS	Mode	217	0	1	8184	173_15:09:24
173_15:09:24	0	DFMS	Mode	215	0	20	18144	173_20:11:48
173_20:11:48	0	DFMS	Mode	215	0	11	10368	173_23:04:36
173_23:04:36	0	DFMS	Flight sequence	ARNS081B	0	0	10	173_23:04:46
173_23:04:46	0	DFMS	Mode	1	0	0	120	173_23:06:46
173_23:06:46	0	DFMS	Flight sequence	ARNF100B	0	0	20	173_23:07:06
173_23:07:06	0	DFMS	Flight sequence	ARNF014B	0	0	125	173_23:09:11
173_23:09:11	0	COPS	Flight sequence	ARNF011A	0	0	210	173_23:12:41
MOCM		22/06/2015 23:25			23/06/2015 05:55			
174_05:55:25	0	COPS	Flight sequence	ARNF015A	0	0	120	174_05:57:25
174_05:57:25	0	COPS	Mode	332	1	0	60	174_05:58:25
174_05:58:25	0	DFMS	Flight sequence	ARNF003A	0	0	120	174_06:00:25
174_06:00:25	0	DFMS	Flight sequence	ARNF100A	0	0	20	174_06:00:45
174_06:00:45	0	DFMS	Mode	215	0	5	5784	174_07:37:09
174_07:37:09	0	DFMS	Flight sequence	ARNS081B	0	0	10	174_07:37:19
174_07:37:19	0	DFMS	Mode	1	0	0	120	174_07:39:19
WOL		23/06/2015 07:50			23/06/2015 09:00			
174_09:00:59	1	DFMS	Mode	215	0	20	18744	174_14:13:23
174_14:13:23	0	DFMS	Mode	215	0	14	12960	174_17:49:23
174_17:49:23	0	DFMS	Flight sequence	ARNS081B	0	0	10	174_17:49:33
174_17:49:33	0	DFMS	Mode	1	0	0	120	174_17:51:33
WOL		23/06/2015 17:53			23/06/2015 19:03			
174_19:03:00	1	DFMS	Mode	215	0	15	14424	174_23:03:24
174_23:03:24	0	DFMS	Flight sequence	ARNS081B	0	0	10	174_23:03:34
174_23:03:34	0	DFMS	Mode	1	0	0	120	174_23:05:34
174_23:05:34	0	DFMS	Flight sequence	ARNF100B	0	0	20	174_23:05:54
174_23:05:54	0	DFMS	Flight sequence	ARNF014B	0	0	125	174_23:07:59
174_23:07:59	0	COPS	Flight sequence	ARNF011A	0	0	210	174_23:11:29
MOCM		23/06/2015 23:25			24/06/2015 05:55			

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Start time	Set Time	Instrument	Mode/Sequence	Mode/Sequence number	Cycle number	Repetition	Duration [s]	Stop time
MOCM 23/06/2015 23:25 - 24/06/2015 05:55								
175_05:55:00	1	COPS	Flight sequence	ARNF015A	0	0	120	175_05:57:00
175_05:57:00	0	COPS	Mode	332	1	0	60	175_05:58:00
175_05:58:00	0	DFMS	Flight sequence	ARNF003A	0	0	120	175_06:00:00
175_06:00:00	0	DFMS	Flight sequence	ARNF100A	0	0	20	175_06:00:20
175_06:00:20	0	DFMS	Mode	217	0	1	9444	175_08:37:44
175_06:25:00	1	COPS	Flight sequence	ARNF016A	0	0	60	175_06:26:00
175_08:37:44	0	DFMS	Mode	215	0	2	2592	175_09:20:56
175_09:34:00	1	DFMS	Flight sequence	ARNS081B	0	0	10	175_09:34:10
175_09:34:10	0	DFMS	Mode	1	0	0	120	175_09:36:10
MWNV 24/06/2015 09:37 - 10:47								
175_10:47:00	1	DFMS	Mode	217	0	1	8184	175_13:03:24
175_13:03:24	0	DFMS	Mode	215	0	18	16416	175_17:37:00
175_17:37:00	0	DFMS	Mode	217	0	1	7464	175_19:41:24
175_19:47:00	1	DFMS	Flight sequence	ARNS081B	0	0	10	175_19:47:10
175_19:47:10	0	DFMS	Mode	1	0	0	120	175_19:49:10
MWNV 24/06/2015 19:50 - 21:00								
175_21:00:00	1	DFMS	Mode	217	0	1	8184	175_23:16:24
175_23:16:24	0	DFMS	Mode	215	0	18	16416	176_03:50:00
176_03:50:00	0	DFMS	Mode	217	0	1	7464	176_05:54:24
176_06:00:00	1	DFMS	Flight sequence	ARNS081B	0	0	10	176_06:00:10
176_06:00:10	0	DFMS	Mode	1	0	0	120	176_06:02:10
MWNV 25/06/2015 06:03 - 07:13								
176_07:13:00	1	DFMS	Mode	222	0	9	26520	176_14:35:00
176_14:35:00	0	DFMS	Mode	262	0	0	2880	176_15:23:00
176_15:23:00	0	DFMS	Mode	220	0	0	1194	176_15:42:54
176_15:42:54	0	DFMS	Mode	260	0	0	864	176_15:57:18
176_16:13:00	1	DFMS	Flight sequence	ARNS081B	0	0	10	176_16:13:10
176_16:13:10	0	DFMS	Mode	1	0	0	120	176_16:15:10
MWNV 25/06/2015 16:16 - 17:26								
176_17:26:00	1	DFMS	Mode	222	0	9	26520	177_00:48:00
177_00:48:00	0	DFMS	Mode	262	0	0	2880	177_01:36:00
177_01:36:00	0	DFMS	Mode	220	0	0	1194	177_01:55:54
177_01:55:54	0	DFMS	Mode	260	0	0	864	177_02:10:18
177_02:26:00	1	DFMS	Flight sequence	ARNS081B	0	0	10	177_02:26:10
177_02:26:10	0	DFMS	Mode	1	0	0	120	177_02:28:10

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MWNV 26/06/2015 02:29 - 03:39								
177_03:39:00	1	DFMS	Mode	222	0	9	26520	177_11:01:00
177_11:01:00	0	DFMS	Mode	262	0	0	2880	177_11:49:00
177_11:49:00	0	DFMS	Mode	220	0	0	1194	177_12:08:54
177_12:08:54	0	DFMS	Mode	260	0	0	864	177_12:23:18
177_12:39:00	1	DFMS	Flight sequence	ARNS081B	0	0	10	177_12:39:10
177_12:39:10	0	DFMS	Mode	1	0	0	120	177_12:41:10
MWNV 26/06/2015 12:42 - 13:52								
177_13:52:00	1	DFMS	Mode	222	0	9	26520	177_21:14:00
177_21:14:00	0	DFMS	Mode	262	0	0	2880	177_22:02:00
177_22:02:00	0	DFMS	Mode	220	0	0	1194	177_22:21:54
177_22:21:54	0	DFMS	Mode	260	0	0	864	177_22:36:18
177_23:09:00	1	COPS	Flight sequence	ARNF016B	0	0	60	177_23:10:00
177_23:10:00	1	DFMS	Flight sequence	ARNS081B	0	0	10	177_23:10:10
177_23:10:10	0	DFMS	Mode	1	0	0	120	177_23:12:10
177_23:12:10	0	DFMS	Flight sequence	ARNF100B	0	0	20	177_23:12:30
177_23:12:30	0	DFMS	Flight sequence	ARNF014B	0	0	125	177_23:14:35
177_23:14:35	0	COPS	Flight sequence	ARNF011A	0	0	210	177_23:18:05
MOCM 26/06/2015 23:25 - 27/06/2015 05:55								
178_05:55:00	1	COPS	Flight sequence	ARNF015A	0	0	120	178_05:57:00
178_05:57:00	0	COPS	Mode	332	1	0	60	178_05:58:00
178_05:58:00	0	DFMS	Flight sequence	ARNF003A	0	0	120	178_06:00:00
178_06:00:00	0	DFMS	Flight sequence	ARNF100A	0	0	20	178_06:00:20
178_06:00:20	0	DFMS	Mode	222	0	0	3300	178_06:55:20
178_06:25:00	1	COPS	Flight sequence	ARNF016A	0	0	60	178_06:26:00
178_06:55:20	0	DFMS	Sequence	59	0	0	1240	178_07:16:00
178_07:16:00	0	DFMS	Sequence	64	0	0	2220	178_07:53:00
178_07:53:00	0	DFMS	Sequence	59	0	0	1240	178_08:13:40
178_08:13:40	0	DFMS	Sequence	64	0	0	2220	178_08:50:40
178_08:50:40	0	DFMS	Sequence	59	0	0	1240	178_09:11:20
178_09:25:00	1	DFMS	Flight sequence	ARNS081B	0	0	10	178_09:25:10
178_09:25:10	0	DFMS	Mode	1	0	0	120	178_09:27:10
MWNV 27/06/2015 09:28 - 10:38								
178_10:38:00	1	DFMS	Mode	222	0	9	26520	178_18:00:00
178_18:00:00	0	DFMS	Mode	262	0	0	2880	178_18:48:00
178_18:48:00	0	DFMS	Mode	220	0	0	1194	178_19:07:54
178_19:07:54	0	DFMS	Mode	260	0	0	864	178_19:22:18
178_19:28:00	1	DFMS	Flight sequence	ARNS081B	0	0	10	178_19:28:10
178_19:28:10	0	DFMS	Mode	1	0	0	120	178_19:30:10
MWNV 27/06/2015 19:31 - 20:41								

COPS
Science ON

178_20:41:00	1	DFMS	Mode	222	0	9	26520	179_04:03:00
179_04:03:00	0	DFMS	Mode	262	0	0	2880	179_04:51:00
179_04:51:00	0	DFMS	Mode	220	0	0	1194	179_05:10:54
179_05:10:54	0	DFMS	Mode	260	0	0	864	179_05:25:18
179_05:31:00	1	DFMS	Flight sequence	ARNS081B	0	0	10	179_05:31:10
179_05:31:10	0	DFMS	Mode	1	0	0	120	179_05:33:10
MWNV 28/06/2015 05:34 - 06:44								
179_06:44:00	1	DFMS	Mode	222	0	9	26520	179_14:06:00
179_14:06:00	0	DFMS	Mode	262	0	0	2880	179_14:54:00
179_14:54:00	0	DFMS	Mode	220	0	0	1194	179_15:13:54
179_15:13:54	0	DFMS	Mode	260	0	0	864	179_15:28:18
179_15:34:00	1	DFMS	Flight sequence	ARNS081B	0	0	10	179_15:34:10
179_15:34:10	0	DFMS	Mode	1	0	0	120	179_15:36:10
MWNV 28/06/2015 15:37 - 16:47								
179_16:47:00	1	DFMS	Mode	222	0	9	26520	180_00:09:00
180_00:09:00	0	DFMS	Mode	262	0	0	2880	180_00:57:00
180_00:57:00	0	DFMS	Mode	220	0	0	1194	180_01:16:54
180_01:16:54	0	DFMS	Mode	260	0	0	864	180_01:31:18
180_01:37:00	1	DFMS	Flight sequence	ARNS081B	0	0	10	180_01:37:10
180_01:37:10	0	DFMS	Mode	1	0	0	120	180_01:39:10
MWNV 29/06/2015 01:40 - 02:50								
180_02:50:00	1	DFMS	Mode	222	0	9	26520	180_10:12:00
180_10:12:00	0	DFMS	Mode	262	0	0	2880	180_11:00:00
180_11:00:00	0	DFMS	Mode	220	0	0	1194	180_11:19:54
180_11:19:54	0	DFMS	Mode	260	0	0	864	180_11:34:18
180_11:40:00	1	DFMS	Flight sequence	ARNS081B	0	0	10	180_11:40:10
180_11:40:10	0	DFMS	Mode	1	0	0	120	180_11:42:10
MWNV 29/06/2015 11:43 - 12:53								
180_12:53:00	1	DFMS	Mode	217	0	1	8184	180_15:09:24
180_15:09:24	0	DFMS	Mode	215	0	17	15552	180_19:28:36
180_19:28:36	0	DFMS	Mode	217	0	1	7464	180_21:33:00
180_21:44:00	1	DFMS	Flight sequence	ARNS081B	0	0	10	180_21:44:10
180_21:44:10	0	DFMS	Mode	1	0	0	120	180_21:46:10
MWNV 29/06/2015 21:47 - 22:57								
180_22:57:00	1	DFMS	Mode	217	0	1	8184	181_01:13:24
181_01:13:24	0	DFMS	Mode	215	0	17	15552	181_05:32:36
181_05:32:36	0	DFMS	Mode	217	0	1	7464	181_07:37:00
181_07:47:00	1	DFMS	Flight sequence	ARNS081B	0	0	10	181_07:47:10
181_07:47:10	0	DFMS	Mode	1	0	0	120	181_07:49:10
MWNV 30/06/2015 07:50 - 09:00								

181_09:00:00	1	DFMS	Mode	217	0	1	8184	181_11:16:24
181_11:16:24	0	DFMS	Mode	215	0	17	15552	181_15:35:36
181_15:35:36	0	DFMS	Mode	217	0	1	7464	181_17:40:00
181_17:50:00	1	DFMS	Flight sequence	ARNS081B	0	0	10	181_17:50:10
181_17:50:10	0	DFMS	Mode	1	0	0	120	181_17:52:10

MWNV 30/06/2015 17:53 - 19:03

181_19:03:00	1	DFMS	Mode	217	0	0	4452	181_20:17:12
181_20:17:12	0	DFMS	Mode	215	0	6	6048	181_21:58:00
181_21:58:00	0	DFMS	Mode	217	0	0	3732	181_23:00:12
181_23:09:00	1	COPS	Flight sequence	ARNF016B	0	0	60	181_23:10:00
181_23:10:00	1	DFMS	Flight sequence	ARNS081B	0	0	10	181_23:10:10
181_23:10:10	0	DFMS	Mode	1	0	0	120	181_23:12:10
181_23:12:10	0	DFMS	Flight sequence	ARNF100B	0	0	20	181_23:12:30
181_23:12:30	0	DFMS	Flight sequence	ARNF014B	0	0	125	181_23:14:35
181_23:14:35	0	COPS	Flight sequence	ARNF011A	0	0	210	181_23:18:05

MOCM 30/06/2015 23:25 - 01/07/2015 03:55