

## Contents

MTP and STP start and stop time period.....	2
STP029 .....	4
STP030 .....	5
STP031 .....	7
STP032 .....	10
STP033 .....	13
STP034 .....	17
STP035 .....	18
STP036 .....	21
STP037 .....	24
STP038 .....	30
STP039 .....	33
STP040 .....	36
STP041 .....	40
STP042 .....	46
STP043 .....	50
STP044 .....	57
STP045 .....	61
STP046 .....	67

## 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>MTP009</i>	<i>STP029</i>	<i>VSTP056</i>	2014-11-18T23:25:00	2014-11-21T23:25:00
<i>MTP010</i>	<i>STP030</i>	<i>VSTP057</i>	2014-11-21T23:25:00	2014-11-25T23:25:00
	<i>STP031</i>	<i>VSTP058</i>	2014-11-25T23:25:00	2014-11-28T23:25:00
		<i>VSTP059</i>	2014-11-28T23:25:00	2014-12-02T23:25:00
	<i>STP032</i>	<i>VSTP060</i>	2014-12-02T23:25:00	2014-12-05T23:25:00
		<i>VSTP061</i>	2014-12-05T23:25:00	2014-12-09T23:25:00
	<i>STP033</i>	<i>VSTP062</i>	2014-12-09T23:25:00	2014-12-12T23:25:00
<i>VSTP063</i>		2014-12-12T23:25:00	2014-12-16T23:25:00	
<i>MTP011</i>	<i>STP034</i>	<i>VSTP064</i>	2014-12-16T23:25:00	2014-12-19T23:25:00
	<i>STP035</i>	<i>VSTP065</i>	2014-12-19T23:25:00	2014-12-23T23:25:00
	<i>STP036</i>	<i>VSTP066</i>	2014-12-23T23:25:00	2014-12-27T11:25:00
		<i>VSTP067</i>	2014-12-27T11:25:00	2014-12-30T23:25:00
	<i>STP037</i>	<i>VSTP068</i>	2014-12-30T23:25:00	2015-01-03T11:25:00
		<i>VSTP069</i>	2015-01-03T11:25:00	2015-01-06T23:25:00
<i>STP038</i>	<i>VSTP070</i>	2015-01-06T23:25:00	2015-01-09T23:25:00	
	<i>VSTP071</i>	2015-01-09T23:25:00	2015-01-13T23:25:00	
<i>MTP012</i>	<i>STP039</i>	<i>VSTP072</i>	2015-01-13T23:25:00	2015-01-16T23:25:00
		<i>VSTP073</i>	2015-01-16T23:25:00	2015-01-20T23:25:00
	<i>STP040</i>	<i>VSTP074</i>	2015-01-20T23:25:00	2015-01-23T23:25:00
		<i>VSTP075</i>	2015-01-23T23:25:00	2015-01-27T23:25:00
	<i>STP041</i>	<i>VSTP076</i>	2015-01-27T23:25:00	2015-01-30T23:25:00
		<i>VSTP077</i>	2015-01-30T23:25:00	2015-02-03T23:25:00
<i>STP042</i>	<i>VSTP078</i>	2015-02-03T23:25:00	2015-02-06T23:25:00	
	<i>VSTP079</i>	2015-02-06T23:25:00	2015-02-10T23:25:00	
<i>MTP013</i>	<i>STP043</i>	<i>VSTP080</i>	2015-02-10T23:25:00	2015-02-13T23:25:00

		<b>VSTP081</b>	2015-02-13T23:25:00	2015-02-17T23:25:00
	<b>STP044</b>	<b>VSTP082</b>	2015-02-17T23:25:00	2015-02-20T23:25:00
		<b>VSTP083</b>	2015-02-20T23:25:00	2015-02-24T23:25:00
	<b>STP045</b>	<b>VSTP084</b>	2015-02-24T23:25:00	2015-02-27T23:25:00
		<b>VSTP085</b>	2015-02-27T23:25:00	2015-03-03T23:25:00
	<b>STP046</b>	<b>VSTP086</b>	2015-03-03T23:25:00	2015-03-06T23:25:00
		<b>VSTP087</b>	2015-03-06T23:25:00	2015-03-10T23:25:00

## STP029

Start time	Set Time	Instrument	Mode/Sequence	Mode/Sequence number	Cycle number	Repetition	Duration [s]	Stop time
<b>23:25 - 02:35 MOCM</b>								
323_02:35:00	1	COPS	Flight sequence	ARNF015A	0	0	120	323_02:37:00
323_02:37:00	0	COPS	Mode	336	1	0	60	323_02:38:00
323_02:38:00	0	DFMS	Flight sequence	ARNF003A	0	0	120	323_02:40:00
323_02:40:00	0	DFMS	Mode	222	0	7	22260	323_08:51:00
323_02:41:00	0	RTOF	Flight sequence	ARNF004A	0	0	240	323_02:45:00
323_02:45:00	0	RTOF	Mode	523	15	3	27110	323_10:16:50
323_08:51:00	0	DFMS	Mode	220	0	6	8358	323_11:10:18
323_10:16:50	0	RTOF	Mode	523	8	0	3740	323_11:19:10
323_11:20:00	1	DFMS	Flight sequence	ARNS081B	0	0	10	323_11:20:10
323_11:20:10	0	DFMS	Mode	1	0	0	120	323_11:22:10
<b>11:25 - 12:25 MWNV</b>								
323_12:25:00	1	DFMS	Mode	222	0	10	29100	323_20:30:00
323_12:27:00	1	RTOF	Mode	523	15	4	33050	323_21:37:50
323_20:30:00	0	DFMS	Mode	515	0	20	9528	323_23:08:48
323_21:37:50	0	RTOF	Mode	523	14	0	6200	323_23:21:10
323_23:08:48	0	DFMS	Mode	515	0	0	448	323_23:16:16
323_23:20:00	1	DFMS	Flight sequence	ARNS081B	0	0	10	323_23:20:10
323_23:20:10	0	DFMS	Mode	1	0	0	120	323_23:22:10
<b>23:25 - 00:25 MWNV</b>								
324_00:25:00	1	COPS	Mode	336	1	0	60	324_00:26:00
324_00:26:00	1	DFMS	Mode	217	0	4	19380	324_05:49:00
324_00:27:00	1	RTOF	Mode	523	15	4	33050	324_09:37:50
324_05:49:00	0	DFMS	Mode	222	0	6	18180	324_10:52:00
324_09:37:50	0	RTOF	Mode	523	14	0	6200	324_11:21:10
324_10:52:00	0	DFMS	Mode	220	0	0	1194	324_11:11:54
324_11:20:00	1	DFMS	Flight sequence	ARNS081B	0	0	10	324_11:20:10
324_11:20:10	0	DFMS	Mode	1	0	0	120	324_11:22:10
<b>11:25 - 12:25 MWNV</b>								
324_12:25:00	1	DFMS	Mode	222	0	10	29100	324_20:30:00
324_12:26:00	1	RTOF	Mode	523	15	4	33050	324_21:36:50
324_20:30:00	0	DFMS	Mode	260	0	10	9504	324_23:08:24

324_21:36:50	0	RTOF	Mode	523	14	0	6200	324_23:20:10
324_23:20:00	1	DFMS	Flight sequence	ARNS081B	0	0	10	324_23:20:10
324_23:20:10	0	DFMS	Mode	1	0	0	120	324_23:22:10
<b>23:25 - 00:25 MWNV</b>								
325_00:25:00	1	COPS	Mode	336	1	0	60	325_00:26:00
325_00:26:00	1	DFMS	Mode	262	0	4	15120	325_04:38:00
325_00:27:00	1	RTOF	Mode	183	2	0	740	325_00:39:20
325_00:39:20	0	RTOF	Mode	523	15	4	33050	325_09:50:10
325_04:38:00	0	DFMS	Mode	222	0	8	23220	325_11:05:00
325_09:50:10	0	RTOF	Mode	523	12	0	5380	325_11:19:50
325_11:20:00	1	DFMS	Flight sequence	ARNS081B	0	0	10	325_11:20:10
325_11:20:10	0	DFMS	Mode	1	0	0	120	325_11:22:10
<b>11:25 - 12:25 MWNV</b>								
325_12:25:00	1	DFMS	Mode	322	0	0	9420	325_15:02:00
325_12:26:00	1	RTOF	Mode	523	15	4	33050	325_21:36:50
325_15:02:00	0	DFMS	Mode	222	0	10	28380	325_22:55:00
325_21:36:50	0	RTOF	Mode	523	13	0	5790	325_23:13:20
325_22:55:00	0	DFMS	Mode	260	0	0	864	325_23:09:24
325_23:13:20	0	ROSINA	Flight sequence	ZRNP2002	0	0	240	325_23:17:20
325_23:17:20	0	DFMS	Flight sequence	ARNF014B	0	0	125	325_23:19:25
325_23:19:25	0	RTOF	Flight sequence	ARNF014A	0	0	120	325_23:21:25
325_23:21:25	0	COPS	Flight sequence	ARNF011A	0	0	210	325_23:24:55
<b>23:25 - 04:15 MOCM</b>								

## STP030

Start time	Set Time	Instrument	Mode/Sequence	Mode/Sequence number	Cycle number	Repetition	Duration [s]	Stop time
<b>23:25 - 04:15 MOCM</b>								
326_04:15:00	1	COPS	Flight sequence	ARNF015A	0	0	120	326_04:17:00
326_04:17:00	0	COPS	Mode	336	1	0	60	326_04:18:00
326_04:18:00	0	DFMS	Flight sequence	ARNF003A	0	0	120	326_04:20:00
326_04:20:00	0	DFMS	Mode	222	0	4	14520	326_08:22:00
326_04:21:00	0	RTOF	Flight sequence	ARNF004A	0	0	240	326_04:25:00
326_04:25:00	0	RTOF	Mode	523	15	2	20500	326_10:06:40
326_08:22:00	0	DFMS	Mode	220	0	8	10746	326_11:21:06

326_10:06:40	0	RTOF	Mode	523	2	0	1280	326_10:28:00
326_11:22:00	1	DFMS	Flight sequence	ARNS081B	0	0	10	326_11:22:10
326_11:22:10	0	DFMS	Mode	1	0	0	120	326_11:24:10
<b>11:25 - 12:25 MWNV</b>								
326_12:25:00	1	DFMS	Mode	222	0	9	26520	326_19:47:00
326_12:27:00	1	RTOF	Mode	523	15	4	33050	326_21:37:50
326_19:47:00	0	DFMS	Mode	515	0	20	9528	326_22:25:48
326_21:37:50	0	RTOF	Mode	523	4	0	2100	326_22:12:50
326_22:25:48	0	DFMS	Mode	515	0	0	448	326_22:33:16
326_23:20:00	1	DFMS	Flight sequence	ARNS081B	0	0	10	326_23:20:10
326_23:20:10	0	DFMS	Mode	1	0	0	120	326_23:22:10
<b>23:25 - 00:25 MWNV</b>								
327_00:25:00	1	COPS	Mode	336	1	0	60	327_00:26:00
327_00:26:00	1	DFMS	Mode	217	0	4	19380	327_05:49:00
327_00:27:00	1	RTOF	Mode	523	15	4	33050	327_09:37:50
327_05:49:00	0	DFMS	Mode	222	0	6	18180	327_10:52:00
327_09:37:50	0	RTOF	Mode	523	6	0	2920	327_10:26:30
327_10:52:00	0	DFMS	Mode	220	0	0	1194	327_11:11:54
327_11:20:00	1	DFMS	Flight sequence	ARNS081B	0	0	10	327_11:20:10
327_11:20:10	0	DFMS	Mode	1	0	0	120	327_11:22:10
<b>11:25 - 12:25 MWNV</b>								
327_12:25:00	1	DFMS	Mode	222	0	9	26520	327_19:47:00
327_12:26:00	1	RTOF	Mode	523	15	4	33050	327_21:36:50
327_19:47:00	0	DFMS	Mode	260	0	10	9504	327_22:25:24
327_21:36:50	0	RTOF	Mode	523	6	0	2920	327_22:25:30
327_23:20:00	1	DFMS	Flight sequence	ARNS081B	0	0	10	327_23:20:10
327_23:20:10	0	DFMS	Mode	1	0	0	120	327_23:22:10
<b>23:25 - 00:25 MWNV</b>								
328_00:25:00	1	COPS	Mode	336	1	0	60	328_00:26:00
328_00:26:00	1	DFMS	Mode	262	0	4	15120	328_04:38:00
328_00:27:00	1	RTOF	Mode	523	15	4	33050	328_09:37:50
328_04:38:00	0	DFMS	Mode	222	0	8	23220	328_11:05:00
328_09:37:50	0	RTOF	Mode	523	6	0	2920	328_10:26:30
328_11:20:00	1	DFMS	Flight sequence	ARNS081B	0	0	10	328_11:20:10
328_11:20:10	0	DFMS	Mode	1	0	0	120	328_11:22:10
<b>11:25 - 12:25 MWNV</b>								
328_12:25:00	1	DFMS	Mode	322	0	0	9420	328_15:02:00
328_12:26:00	1	RTOF	Mode	523	15	4	33050	328_21:36:50
328_15:02:00	0	DFMS	Mode	222	0	9	25800	328_22:12:00
328_21:36:50	0	RTOF	Mode	523	4	0	2100	328_22:11:50

328_22:12:00	0	DFMS	Mode	220	0	0	1194	328_22:31:54
328_23:20:00	1	DFMS	Flight sequence	ARNS081B	0	0	10	328_23:20:10
328_23:20:10	0	DFMS	Mode	1	0	0	120	328_23:22:10
<b>23:25 - 00:25 MWNV</b>								
329_00:25:00	1	DFMS	Mode	222	0	9	26520	329_07:47:00
329_00:26:00	1	RTOF	Mode	523	15	4	33050	329_09:36:50
329_07:47:00	0	DFMS	Mode	220	0	7	9552	329_10:26:12
329_09:36:50	0	RTOF	Mode	523	6	0	2920	329_10:25:30
329_11:20:00	1	DFMS	Flight sequence	ARNS081B	0	0	10	329_11:20:10
329_11:20:10	0	DFMS	Mode	1	0	0	120	329_11:22:10
<b>11:25 - 12:25 MWNV</b>								
329_12:25:00	1	DFMS	Mode	222	0	9	26520	329_19:47:00
329_12:26:00	1	RTOF	Mode	523	15	4	33050	329_21:36:50
329_19:47:00	0	DFMS	Mode	260	0	10	9504	329_22:25:24
329_21:36:50	0	RTOF	Mode	523	4	0	2100	329_22:11:50
329_23:12:00	1	ROSINA	Flight sequence	ZRNP2002	0	0	240	329_23:16:00
329_23:16:00	0	DFMS	Flight sequence	ARNF014B	0	0	125	329_23:18:05
329_23:18:05	0	RTOF	Flight sequence	ARNF014A	0	0	120	329_23:20:05
329_23:20:05	0	COPS	Flight sequence	ARNF011A	0	0	210	329_23:23:35
<b>23:25 - 04:15 MOCM</b>								

## STP031

Start time	Set Time	Instrument	Mode/Sequence	Mode/Sequence number	Cycle number	Repetition	Duration [s]	Stop time
<b>MOCM</b>								
331_00:00:00	1	COPS	Flight sequence	ARNF015A	0	0	120	331_00:02:00
331_00:02:00	0	COPS	Mode	336	1	0	60	331_00:03:00
331_00:03:00	0	DFMS	Flight sequence	ARNF003A	0	0	120	331_00:05:00
331_00:05:00	0	RTOF	Flight sequence	ARNS041A_RTOF	25	0	60	331_00:06:00
331_00:06:00	0	RTOF	Flight sequence	ARNF004A	25	0	240	331_00:10:00
331_00:26:00	1	DFMS	Mode	217	0	4	20640	331_06:10:00
331_00:27:00	1	RTOF	Mode	523	15	4	33720	331_09:49:00
331_06:10:00	0	DFMS	Mode	222	0	6	18180	331_11:13:00
331_09:49:00	0	RTOF	Mode	523	6	0	2920	331_10:37:40
331_11:20:00	1	DFMS	Flight sequence	ARNS081B	0	0	10	331_11:20:10
331_11:20:10	0	DFMS	Mode	1	0	0	120	331_11:22:10
<b>MWNV: 11:25 =&gt; 12:25</b>								
331_12:25:00	1	DFMS	Mode	222	0	9	26520	331_19:47:00

331_12:26:00	1	RTOF	Mode	523	15	4	33050	331_21:36:50
331_19:47:00	0	DFMS	Mode	260	0	10	9504	331_22:25:24
331_21:36:50	0	RTOF	Mode	523	6	0	2920	331_22:25:30
331_23:20:00	1	DFMS	Flight sequence	ARNS081B	0	0	10	331_23:20:10
331_23:20:10	0	DFMS	Mode	1	0	0	120	331_23:22:10
<b>MWNV: 23:25 =&gt; 00:25</b>								
332_00:25:00	1	COPS	Mode	336	1	0	60	332_00:26:00
332_00:26:00	1	DFMS	Mode	262	0	4	15120	332_04:38:00
332_00:27:00	1	RTOF	Mode	523	15	4	33050	332_09:37:50
332_04:38:00	0	DFMS	Mode	222	0	8	23220	332_11:05:00
332_09:37:50	0	RTOF	Mode	523	6	0	2920	332_10:26:30
332_11:20:00	1	DFMS	Flight sequence	ARNS081B	0	0	10	332_11:20:10
332_11:20:10	0	DFMS	Mode	1	0	0	120	332_11:22:10
<b>MWNV: 11:25 =&gt; 12:25</b>								
332_12:25:00	1	DFMS	Mode	322	0	0	9420	332_15:02:00
332_12:26:00	1	RTOF	Mode	523	15	4	33050	332_21:36:50
332_15:02:00	0	DFMS	Mode	222	0	9	25800	332_22:12:00
332_21:36:50	0	RTOF	Mode	523	4	0	2100	332_22:11:50
332_22:12:00	0	DFMS	Mode	215	0	3	3576	332_23:11:36
332_23:11:36	0	ROSINA	Flight sequence	ZRNP2002	0	0	240	332_23:15:36
332_23:15:36	0	DFMS	Flight sequence	ARNF014B	0	0	125	332_23:17:41
332_23:17:41	0	RTOF	Flight sequence	ARNF014A	0	0	120	332_23:19:41
332_23:19:41	0	COPS	Flight sequence	ARNF011A	0	0	210	332_23:23:11
<b>MOCM</b>								
333_04:15:00	1	COPS	Flight sequence	ARNF015A	0	0	120	333_04:17:00
333_04:17:00	0	COPS	Mode	336	1	0	60	333_04:18:00
333_04:18:00	0	DFMS	Flight sequence	ARNF003A	0	0	120	333_04:20:00
333_04:20:00	0	DFMS	Mode	51	0	0	3600	333_05:20:00
333_04:21:00	0	RTOF	Flight sequence	ARNS041A_RTOF	25	0	60	333_04:22:00
333_04:22:00	0	RTOF	Flight sequence	ARNF004A	25	0	240	333_04:26:00
333_04:30:00	1	RTOF	Mode	523	15	4	33770	333_13:52:50
333_05:20:00	0	DFMS	Mode	222	0	3	10440	333_08:14:00
333_08:14:00	0	DFMS	Mode	215	0	10	9624	333_10:54:24
333_10:54:24	0	DFMS	Flight sequence	ARNS081B	0	0	10	333_10:54:34
333_10:54:34	0	DFMS	Mode	1	0	0	120	333_10:56:34
<b>MWNV: ?? =&gt; 12:25</b>								
333_12:25:00	1	DFMS	Mode	217	0	9	38040	333_22:59:00
333_13:52:50	0	RTOF	Mode	523	6	0	2920	333_14:41:30
333_14:41:30	0	RTOF	Mode	523	12	3	21520	333_20:40:10
333_23:15:00	1	DFMS	Flight sequence	ARNS081B	0	0	10	333_23:15:10



333_23:15:10	0	DFMS	Mode	1	0	0	120	333_23:17:10
334_00:25:00	1	DFMS	Mode	222	0	9	26520	334_07:47:00
334_00:26:00	1	RTOF	Mode	523	15	4	33050	334_09:36:50
334_07:47:00	0	DFMS	Mode	220	0	7	9552	334_10:26:12
334_09:36:50	0	RTOF	Mode	523	6	0	2920	334_10:25:30
334_11:20:00	1	DFMS	Flight sequence	ARNS081B	0	0	10	334_11:20:10
334_11:20:10	0	DFMS	Mode	1	0	0	120	334_11:22:10
<b>MWNV: 11:25 =&gt; 12:25</b>								
334_11:22:10	0	DFMS	Mode	222	0	8	23940	334_18:01:10
334_12:26:00	1	RTOF	Mode	523	15	4	33050	334_21:36:50
334_18:01:10	0	DFMS	Mode	260	0	10	9504	334_20:39:34
334_21:36:50	0	RTOF	Mode	523	6	0	2920	334_22:25:30
334_23:20:00	1	DFMS	Flight sequence	ARNS081B	0	0	10	334_23:20:10
334_23:20:10	0	DFMS	Mode	1	0	0	120	334_23:22:10
<b>MWNV: 23:25 =&gt; 00:25</b>								
335_00:25:00	1	COPS	Mode	336	1	0	60	335_00:26:00
335_00:26:00	1	DFMS	Mode	262	0	4	15120	335_04:38:00
335_00:27:00	1	RTOF	Mode	523	12	4	26900	335_07:55:20
335_04:38:00	0	DFMS	Mode	222	0	8	23220	335_11:05:00
335_07:55:20	0	RTOF	Mode	523	6	0	2920	335_08:44:00
335_11:20:00	1	DFMS	Flight sequence	ARNS081B	0	0	10	335_11:20:10
335_11:20:10	0	DFMS	Mode	1	0	0	120	335_11:22:10
<b>MWNV: 11:25 =&gt; 12:25</b>								
335_12:25:00	1	DFMS	Mode	322	0	0	9420	335_15:02:00
335_12:26:30	1	RTOF	Mode	523	12	4	26900	335_19:54:50
335_15:02:00	0	DFMS	Mode	222	0	9	25800	335_22:12:00
335_19:54:50	0	RTOF	Mode	523	4	0	2100	335_20:29:50
335_22:12:00	0	DFMS	Mode	220	0	0	1194	335_22:31:54
335_23:20:00	1	DFMS	Flight sequence	ARNS081B	0	0	10	335_23:20:10
335_23:20:10	0	DFMS	Mode	1	0	0	120	335_23:22:10
<b>MWNV: 23:25 =&gt; 00:25</b>								
336_00:25:00	1	DFMS	Mode	222	0	9	26520	336_07:47:00
336_00:26:01	1	RTOF	Mode	523	12	4	26900	336_07:54:21
336_07:47:00	0	DFMS	Mode	220	0	7	9552	336_10:26:12
336_07:54:21	0	RTOF	Mode	523	6	0	2920	336_08:43:01
336_11:20:00	1	DFMS	Flight sequence	ARNS081B	0	0	10	336_11:20:10
336_11:20:10	0	DFMS	Mode	1	0	0	120	336_11:22:10
336_12:25:00	1	DFMS	Mode	217	0	9	38040	336_22:59:00
336_12:30:00	1	RTOF	Mode	523	12	4	26900	336_19:58:20
336_22:59:00	0	ROSINA	Flight sequence	ZRNP2002	0	0	240	336_23:03:00

336_23:03:00	0	DFMS	Flight sequence	ARNF014B	0	0	125	336_23:05:05
336_23:05:05	0	RTOF	Flight sequence	ARNF014A	0	0	120	336_23:07:05
336_23:07:05	0	COPS	Flight sequence	ARNF011A	0	0	210	336_23:10:35

**MOCM**

## STP032

Start time	Set Time	Instrument	Mode/Sequence	Mode/Sequence number	Cycle number	Repetition	Duration [s]	Stop time
<b>MOCM: 23:25=&gt;02:35</b>								
337_02:35:00	1	COPS	Flight sequence	ARNF015A	0	0	120	337_02:37:00
337_02:37:00	0	COPS	Mode	336	1	0	60	337_02:38:00
337_02:38:00	0	DFMS	Flight sequence	ARNF003A	0	0	120	337_02:40:00
337_02:40:00	0	RTOF	Flight sequence	ARNF004A	0	0	240	337_02:44:00
337_02:44:00	0	RTOF	Flight sequence	ARNS041A_RTOF	25	0	60	337_02:45:00
337_02:45:00	0	DFMS	Mode	222	0	10	30000	337_11:05:00
337_02:46:00	0	RTOF	Mode	523	15	3	27110	337_10:17:50
337_10:17:50	0	RTOF	Mode	523	8	0	3740	337_11:20:10
337_11:20:00	1	DFMS	Flight sequence	ARNS081B	0	0	10	337_11:20:10
337_11:20:10	0	DFMS	Mode	1	0	0	120	337_11:22:10
<b>MWNV: 11:25=&gt;12:25</b>								
337_12:25:00	1	RTOF	Mode	523	15	4	33050	337_21:35:50
337_13:55:00	1	DFMS	Mode	222	0	10	29100	337_22:00:00
337_21:35:50	0	RTOF	Mode	523	8	0	3740	337_22:38:10
337_23:20:00	1	DFMS	Flight sequence	ARNS081B	0	0	10	337_23:20:10
337_23:20:10	0	DFMS	Mode	1	0	0	120	337_23:22:10
<b>MWNV: 23:25=&gt;00:25</b>								
338_00:25:00	1	COPS	Mode	336	1	0	60	338_00:26:00
338_00:26:00	1	RTOF	Mode	523	15	4	33050	338_09:36:50
338_01:57:00	1	DFMS	Mode	222	0	10	29100	338_10:02:00
338_09:36:50	0	RTOF	Mode	523	12	0	5380	338_11:06:30
338_10:02:00	0	DFMS	Mode	215	0	0	984	338_10:18:24
338_11:06:30	0	RTOF	Mode	183	2	0	740	338_11:18:50
338_11:20:00	1	DFMS	Flight sequence	ARNS081B	0	0	10	338_11:20:10
338_11:20:10	0	DFMS	Mode	1	0	0	120	338_11:22:10
<b>MWNV: 11:25=&gt;12:25</b>								
338_13:55:00	1	RTOF	Mode	523	15	4	33050	338_23:05:50
338_13:56:00	1	DFMS	Mode	222	0	10	29100	338_22:01:00
338_22:01:00	0	DFMS	Mode	217	0	0	3852	338_23:05:12

338_23:20:00	1	DFMS	Flight sequence	ARNS081B	0	0	10	338_23:20:10
338_23:20:10	0	DFMS	Mode	1	0	0	120	338_23:22:10
<b>MWNV: 23:25=&gt;00:25</b>								
339_00:25:00	1	COPS	Mode	336	1	0	60	339_00:26:00
339_00:26:00	1	RTOF	Mode	523	15	4	33050	339_09:36:50
339_01:57:00	1	DFMS	Mode	222	0	10	29100	339_10:02:00
339_09:36:50	0	RTOF	Mode	523	12	0	5380	339_11:06:30
339_10:02:00	0	DFMS	Mode	220	0	0	1194	339_10:21:54
339_11:20:00	1	DFMS	Flight sequence	ARNS081B	0	0	10	339_11:20:10
339_11:20:10	0	DFMS	Mode	1	0	0	120	339_11:22:10
<b>MWNV: 11:25=&gt;12:25</b>								
339_12:26:00	1	RTOF	Mode	523	15	4	33050	339_21:36:50
339_13:55:00	1	DFMS	Mode	222	0	10	29100	339_22:00:00
339_21:36:50	0	RTOF	Mode	523	11	0	4970	339_22:59:40
339_22:59:40	0	ROSINA	Flight sequence	ZRNP2002	0	0	240	339_23:03:40
339_23:03:40	0	DFMS	Flight sequence	ARNF014B	0	0	125	339_23:05:45
339_23:05:45	0	RTOF	Flight sequence	ARNF014A	0	0	120	339_23:07:45
339_23:07:45	0	COPS	Flight sequence	ARNF011A	0	0	210	339_23:11:15
<b>MOCM: 23:25=&gt;02:35</b>								
340_02:35:00	1	COPS	Flight sequence	ARNF015A	0	0	120	340_02:37:00
340_02:37:00	0	COPS	Mode	336	1	0	60	340_02:38:00
340_02:38:00	0	DFMS	Flight sequence	ARNF003A	0	0	120	340_02:40:00
340_02:40:00	0	RTOF	Flight sequence	ARNF004A	0	0	240	340_02:44:00
340_02:44:00	0	RTOF	Flight sequence	ARNS041A_RTOF	25	0	60	340_02:45:00
340_02:45:00	0	DFMS	Mode	222	0	10	29100	340_10:50:00
340_02:46:00	0	RTOF	Mode	523	15	3	27160	340_10:18:40
340_10:18:40	0	RTOF	Mode	523	5	0	2510	340_11:00:30
340_10:50:00	0	DFMS	Mode	260	0	0	864	340_11:04:24
340_11:00:30	0	RTOF	Mode	183	2	0	740	340_11:12:50
340_11:20:00	1	DFMS	Flight sequence	ARNS081B	0	0	10	340_11:20:10
340_11:20:10	0	DFMS	Mode	1	0	0	120	340_11:22:10
<b>MWNV: 11:25=&gt;12:25</b>								
340_12:26:00	1	RTOF	Mode	523	15	4	33050	340_21:36:50
340_13:55:00	1	DFMS	Mode	217	0	7	30576	340_22:24:36
340_21:36:50	0	RTOF	Mode	523	11	0	4970	340_22:59:40
340_22:24:36	0	DFMS	Mode	215	0	0	864	340_22:39:00
340_22:59:40	0	RTOF	Mode	1	0	0	240	340_23:03:40
340_23:03:40	0	RTOF	Mode	521	0	0	1130	340_23:22:30
340_23:20:00	1	DFMS	Flight sequence	ARNS081B	0	0	10	340_23:20:10
340_23:20:10	0	DFMS	Mode	1	0	0	120	340_23:22:10

MWNV: 23:25=>00:25								
341_00:25:00	1	COPS	Mode	336	1	0	60	341_00:26:00
341_00:26:00	1	RTOF	Mode	521	15	4	33050	341_09:36:50
341_01:57:00	1	DFMS	Mode	222	0	10	29100	341_10:02:00
341_09:36:50	0	RTOF	Mode	521	9	0	4150	341_10:46:00
341_10:02:00	0	DFMS	Mode	260	0	0	864	341_10:16:24
341_10:46:00	0	RTOF	Mode	181	2	0	740	341_10:58:20
341_10:58:20	0	RTOF	Mode	1	0	0	240	341_11:02:20
341_11:02:20	0	RTOF	Mode	523	0	0	1130	341_11:21:10
341_11:20:00	1	DFMS	Flight sequence	ARNS081B	0	0	10	341_11:20:10
341_11:20:10	0	DFMS	Mode	1	0	0	120	341_11:22:10
MWNV: 11:25=>12:25								
341_12:25:00	1	RTOF	Mode	523	15	4	33050	341_21:35:50
341_13:06:00	1	DFMS	Mode	222	0	10	29100	341_21:11:00
341_21:11:00	0	DFMS	Mode	217	0	0	3852	341_22:15:12
341_21:35:50	0	RTOF	Mode	523	14	0	6200	341_23:19:10
341_23:20:00	1	DFMS	Flight sequence	ARNS081B	0	0	10	341_23:20:10
341_23:20:10	0	DFMS	Mode	1	0	0	120	341_23:22:10
MWNV: 23:25=>00:25								
342_00:25:00	1	COPS	Mode	336	1	0	60	342_00:26:00
342_00:26:00	1	RTOF	Mode	523	15	4	33050	342_09:36:50
342_01:57:00	1	DFMS	Mode	222	0	10	29100	342_10:02:00
342_09:36:50	0	RTOF	Mode	183	3	0	950	342_09:52:40
342_10:02:00	0	DFMS	Mode	217	0	0	3852	342_11:06:12
342_11:20:00	1	DFMS	Flight sequence	ARNS081B	0	0	10	342_11:20:10
342_11:20:10	0	DFMS	Mode	1	0	0	120	342_11:22:10
MWNV: 11:25=>12:25								
342_12:25:00	1	RTOF	Mode	523	15	4	33050	342_21:35:50
342_12:26:00	1	DFMS	Mode	217	0	8	34308	342_21:57:48
342_21:35:50	0	RTOF	Mode	523	14	0	6200	342_23:19:10
342_21:57:48	0	DFMS	Mode	215	0	1	1728	342_22:26:36
342_23:20:00	1	DFMS	Flight sequence	ARNS081B	0	0	10	342_23:20:10
342_23:20:10	0	DFMS	Mode	1	0	0	120	342_23:22:10
MWNV: 23:25=>00:25								
343_00:25:00	1	COPS	Mode	336	0	0	60	343_00:26:00
343_00:26:00	1	DFMS	Mode	222	0	10	29100	343_08:31:00
343_00:27:00	1	RTOF	Mode	523	15	4	33050	343_09:37:50
343_08:31:00	0	DFMS	Mode	220	0	4	5970	343_10:10:30
343_09:37:50	0	RTOF	Mode	523	14	0	6200	343_11:21:10
343_11:20:00	1	DFMS	Flight sequence	ARNS081B	0	0	10	343_11:20:10

343_11:20:10	0	DFMS	Mode	1	0	0	120	343_11:22:10
<b>MWNV: 11:25=&gt;12:25</b>								
343_12:26:00	1	RTOF	Mode	523	15	4	33050	343_21:36:50
343_13:55:00	1	DFMS	Mode	222	0	10	29100	343_22:00:00
343_21:36:50	0	RTOF	Mode	523	13	0	5790	343_23:13:20
343_22:00:00	0	DFMS	Mode	220	0	0	1194	343_22:19:54
343_23:13:20	0	ROSINA	Flight sequence	ZRNP2002	0	0	240	343_23:17:20
343_23:17:20	0	DFMS	Flight sequence	ARNF014B	0	0	125	343_23:19:25
343_23:19:25	0	RTOF	Flight sequence	ARNF014A	0	0	120	343_23:21:25
343_23:21:25	0	COPS	Flight sequence	ARNF011A	0	0	210	343_23:24:55
<b>MOCM: 23:25=&gt;04:15</b>								

## STP033

Start time	Set Time	Instrument	Mode/Sequence	Mode/Sequence number	Cycle number	Repetition	Duration [s]	Stop time	
<b>MOCM 23:25 =&gt; 04:15</b>									
344_04:15:00	1	COPS	Flight sequence	ARNF015A	0	0	120	344_04:17:00	
344_04:17:00	0	COPS	Mode	336	1	0	60	344_04:18:00	
344_04:18:00	0	DFMS	Flight sequence	ARNF003A	0	0	120	344_04:20:00	
344_04:20:00	0	RTOF	Flight sequence	ARNF004A	0	0	240	344_04:24:00	
344_04:24:00	0	DFMS	Mode	222	0	7	22260	344_10:35:00	
344_04:25:00	1	<b>Set RTOF integration time = 400s for M504 (E1_OS = -13.3 V included in this command)</b>							
344_04:26:00	1	<b>Set RTOF integration time = 400s for M510 (E1_OS = -7.7 V included in this command)</b>							
344_04:27:00	1	<b>Change RTOF OS table - M504 &amp; M510 (permanently) with optimized settings from table below</b>							
344_04:35:00	1	RTOF	Mode	504	2	0	1950	344_05:07:30	
344_05:07:30	0	RTOF	Mode	510	2	0	1280	344_05:28:50	
344_05:40:00	1	<b>Change RTOF OS table - M510 with E1_OS = 0.0 V</b>							
344_05:41:00	1	RTOF	Mode	510	15	1	13220	344_09:21:20	
344_09:21:20	0	RTOF	Mode	510	12	0	5380	344_10:51:00	
344_10:35:00	0	DFMS	Mode	1052	0	1	1856	344_11:05:56	
344_10:51:00	0	RTOF	Mode	1	0	0	240	344_10:55:00	
344_10:55:00	0	RTOF	Mode	523	0	0	1130	344_11:13:50	
344_11:20:00	1	DFMS	Flight sequence	ARNS081B	0	0	10	344_11:20:10	
344_11:20:10	0	DFMS	Mode	1	0	0	120	344_11:22:10	
<b>MWNV 11:25 =&gt; 12:25</b>									
344_12:25:00	1	DFMS	Mode	1042	0	1	1360	344_12:47:40	
344_12:53:00	1	DFMS	Flight sequence	ARNS041A_DFMS	1	0	60	344_12:54:00	<b>DFMS compression test</b>
344_12:54:00	0	DFMS	Mode	1042	0	1	660	344_13:05:00	

344_13:11:00	1	DFMS	Flight sequence	ARNS041A_DFMS	0	0	60	344_13:12:00	End of DFMS compression test	
344_13:12:00	0	DFMS	Mode	1042	0	1	640	344_13:22:40		
344_13:13:00	0	RTOF	Mode	523	15	4	33050	344_22:23:50		
344_13:22:40	0	DFMS	Mode	222	0	12	33540	344_22:41:40		
344_23:20:00	1	DFMS	Flight sequence	ARNS081B	0	0	10	344_23:20:10		
344_23:20:10	0	DFMS	Mode	1	0	0	120	344_23:22:10		
<b>MWNV 23:25 =&gt; 00:25</b>										
345_00:25:00	1	DFMS	Mode	222	0	12	34260	345_09:56:00		
345_00:26:00	1	COPS	Mode	336	1	0	60	345_00:27:00		
345_01:25:00	1	RTOF	Mode	523	15	0	6610	345_03:15:10		
345_03:15:10	0	<b>Change RTOF M523 threshold 2 =&gt; 3</b>								worked only for 1st spectrum
345_03:16:10	1	RTOF	Mode	523	15	0	6610	345_05:06:20		
345_05:06:20	0	<b>Change RTOF M523 threshold 3 =&gt; 2</b>								
345_05:07:20	1	RTOF	Mode	523	15	2	19830	345_10:37:50		
345_09:56:00	0	DFMS	Mode	572	0	0	1280	345_10:17:20		
345_10:37:50	0	RTOF	Mode	1	0	0	240	345_10:41:50		
345_10:41:50	0	RTOF	Mode	521	0	0	1130	345_11:00:40		
345_11:20:00	1	DFMS	Flight sequence	ARNS081B	0	0	10	345_11:20:10		
345_11:20:10	0	DFMS	Mode	1	0	0	120	345_11:22:10		
<b>MWNV 11:25 =&gt; 12:25</b>										
345_12:25:00	1	DFMS	Mode	222	0	12	34260	345_21:56:00		
345_13:00:00	1	RTOF	Mode	521	15	0	6610	345_14:50:10		
345_14:50:10	0	<b>Change RTOF M521 threshold 4 =&gt; 5</b>								worked only for 1st spectrum
345_14:51:10	1	RTOF	Mode	521	15	0	6610	345_16:41:20		
345_16:41:20	0	<b>Change RTOF M521 threshold 5 =&gt; 4</b>								
345_16:42:20	1	RTOF	Mode	521	15	2	19830	345_22:12:50		
345_21:56:00	0	DFMS	Mode	260	0	0	864	345_22:10:24		
345_22:12:50	0	RTOF	Mode	1	0	0	240	345_22:16:50		
345_22:16:50	0	RTOF	Mode	523	0	0	1130	345_22:35:40		
345_23:20:00	1	DFMS	Flight sequence	ARNS081B	0	0	10	345_23:20:10		
345_23:20:10	0	DFMS	Mode	1	0	0	120	345_23:22:10		
<b>MWNV 23:25 =&gt; 00:25</b>										
346_00:25:00	1	DFMS	Mode	222	0	12	34260	346_09:56:00		
346_00:26:00	1	COPS	Mode	336	1	0	60	346_00:27:00		
346_01:25:00	1	RTOF	Mode	523	15	4	33050	346_10:35:50		
346_09:56:00	0	DFMS	Mode	572	0	0	1280	346_10:17:20		
346_11:22:00	1	DFMS	Flight sequence	ARNS081B	0	0	10	346_11:22:10		
346_11:22:10	0	DFMS	Mode	1	0	0	120	346_11:24:10		
<b>MWNV 11:25 =&gt; 12:25</b>										

346_12:25:00	1	DFMS	Mode	222	0	12	34260	346_21:56:00
346_13:25:00	1	RTOF	Mode	523	15	4	33050	346_22:35:50
346_21:56:00	0	DFMS	Mode	157	0	0	368	346_22:02:08
346_22:35:50	0	RTOF	Mode	183	3	0	950	346_22:51:40
346_23:05:00	1	ROSINA	Flight sequence	ZRNP2002	0	0	240	346_23:09:00
346_23:09:00	0	DFMS	Flight sequence	ARNF014B	0	0	125	346_23:11:05
346_23:11:05	0	RTOF	Flight sequence	ARNF014A	0	0	120	346_23:13:05
346_23:13:05	0	COPS	Flight sequence	ARNF011A	0	0	210	346_23:16:35

**MOCM 23:25 => 04:15**

347_04:15:00	1	COPS	Flight sequence	ARNF015A	0	0	120	347_04:17:00
347_04:17:00	0	COPS	Mode	336	1	0	60	347_04:18:00
347_04:18:00	0	DFMS	Flight sequence	ARNF003A	0	0	120	347_04:20:00
347_04:20:00	0	RTOF	Flight sequence	ARNF004A	0	0	240	347_04:24:00
347_04:24:00	0	DFMS	Mode	222	0	7	21360	347_10:20:00
347_04:25:00	0	RTOF	Mode	521	15	2	20550	347_10:07:30
347_10:07:30	0	RTOF	Mode	181	3	0	950	347_10:23:20
347_10:20:00	0	DFMS	Mode	572	0	1	2560	347_11:02:40
347_10:23:20	0	RTOF	Mode	1	0	0	240	347_10:27:20
347_10:27:20	0	RTOF	Mode	523	0	0	1130	347_10:46:10
347_11:20:00	1	DFMS	Flight sequence	ARNS081B	0	0	10	347_11:20:10
347_11:20:10	0	DFMS	Mode	1	0	0	120	347_11:22:10

**MWNV 11:25 => 12:25**

347_12:25:00	1	DFMS	Mode	222	0	12	34260	347_21:56:00
347_13:00:00	1	RTOF	Mode	523	15	4	33050	347_22:10:50
347_21:56:00	0	DFMS	Mode	260	0	1	1728	347_22:24:48
347_23:20:00	1	DFMS	Flight sequence	ARNS081B	0	0	10	347_23:20:10
347_23:20:10	0	DFMS	Mode	1	0	0	120	347_23:22:10

**MWNV 23:25 => 00:25**

348_00:25:00	1	DFMS	Mode	222	0	12	34260	348_09:56:00
348_00:27:00	1	COPS	Mode	336	1	0	60	348_00:28:00
348_01:00:00	1	RTOF	Mode	523	15	4	33050	348_10:10:50
348_09:56:00	0	DFMS	Mode	572	0	1	2560	348_10:38:40
348_11:22:00	1	DFMS	Flight sequence	ARNS081B	0	0	10	348_11:22:10
348_11:22:10	0	DFMS	Mode	1	0	0	120	348_11:24:10

**MWNV 11:25 => 12:25**

348_12:25:00	1	DFMS	Mode	222	0	12	34260	348_21:56:00
348_13:00:00	1	RTOF	Mode	523	15	4	33050	348_22:10:50
348_21:56:00	0	DFMS	Mode	260	0	1	1728	348_22:24:48
348_23:20:00	1	DFMS	Flight sequence	ARNS081B	0	0	10	348_23:20:10
348_23:20:10	0	DFMS	Mode	1	0	0	120	348_23:22:10

MWNV 23:25 => 00:25								
349_00:25:00	1	COPS	Flight sequence	ARNF016A	0	0	60	349_00:26:00
349_00:26:00	0	DFMS	Mode	217	0	9	38040	349_11:00:00
349_01:30:00	1	RTOF	Mode	523	15	4	33050	349_10:40:50
349_11:20:00	1	DFMS	Flight sequence	ARNS081B	0	0	10	349_11:20:10
349_11:20:10	0	DFMS	Mode	1	0	0	120	349_11:22:10
MWNV 11:25 => 12:25								
349_12:25:00	1	DFMS	Mode	215	0	20	18744	349_17:37:24
349_13:00:00	1	RTOF	Mode	523	15	4	33050	349_22:10:50
349_17:37:24	0	DFMS	Mode	215	0	20	18144	349_22:39:48
349_22:10:50	0	RTOF	Mode	1	0	0	240	349_22:14:50
349_22:14:50	0	RTOF	Mode	521	0	0	1130	349_22:33:40
349_22:39:48	0	DFMS	Mode	215	0	1	1728	349_23:08:36
349_23:20:00	1	DFMS	Flight sequence	ARNS081B	0	0	10	349_23:20:10
349_23:20:10	0	DFMS	Mode	1	0	0	120	349_23:22:10
349_23:25:00	1	COPS	Flight sequence	ARNF016B	0	0	60	349_23:26:00
MWNV 23:25 => 00:25								
350_00:25:00	1	DFMS	Mode	222	0	12	34260	350_09:56:00
350_00:26:00	1	COPS	Mode	336	1	0	60	350_00:27:00
350_01:00:00	1	RTOF	Mode	521	15	4	33050	350_10:10:50
350_09:56:00	0	DFMS	Mode	572	0	1	2560	350_10:38:40
350_10:10:50	0	RTOF	Mode	1	0	0	240	350_10:14:50
350_10:14:50	0	RTOF	Mode	523	0	0	1130	350_10:33:40
350_11:22:00	1	DFMS	Flight sequence	ARNS081B	0	0	10	350_11:22:10
MWNV 11:25 => 12:25								
350_11:22:10	0	DFMS	Mode	1	0	0	120	350_11:24:10
350_12:25:00	1	DFMS	Mode	222	0	8	23940	350_19:04:00
350_13:00:00	1	RTOF	Mode	523	15	4	33050	350_22:10:50
350_19:04:00	0	DFMS	Mode	262	0	3	11520	350_22:16:00
350_22:16:00	0	ROSINA	Flight sequence	ZRNP2002	0	0	240	350_22:20:00
350_22:20:00	0	DFMS	Flight sequence	ARNF014B	0	0	125	350_22:22:05
350_22:22:05	0	RTOF	Flight sequence	ARNF014A	0	0	120	350_22:24:05
350_22:24:05	0	COPS	Flight sequence	ARNF011A	0	0	210	350_22:27:35
MOCM 23:25 => 04:15								

	E1_OS	A1_OS	A2_OS	SL_OS	BP_OS	Gr_OS	P_OS	RepA_OS	RepB_OS	R1_OS	R2_OS	RL_OS	ELA_OS	ELB_OS	E2_OS
M504 & M510	-	-220.6	-537.9	-1820.0	-5.1	-4.3	-69.8	-1.0	-1.0	-15.6	-413.9	-1633.2	-12.2	-10.8	-47.8



## STP034

Start time	Set Time	Instrument	Mode/Sequence	Mode/Sequence number	Cycle number	Repetition	Duration [s]	Stop time
<b>MOCM 23:25 =&gt; 04:15</b>								
351_04:15:00	1	COPS	Flight sequence	ARNF015A	0	0	120	351_04:17:00
351_04:17:00	0	COPS	Mode	336	1	0	60	351_04:18:00
351_04:18:00	0	DFMS	Flight sequence	ARNF003A	0	0	120	351_04:20:00
351_04:20:00	0	DFMS	Mode	222	0	8	24840	351_11:14:00
351_04:21:00	0	RTOF	Flight sequence	ARNF004A	0	0	120	351_04:23:00
351_04:25:00	0	RTOF	Flight sequence	ARNS041A_RTOF	25	0	60	351_04:26:00
351_04:26:00	0	RTOF	Mode	521	15	2	20500	351_10:07:40
351_10:07:40	0	RTOF	Mode	181	2	0	740	351_10:20:00
351_10:20:00	0	RTOF	Mode	1	0	0	240	351_10:24:00
351_10:24:00	0	RTOF	Mode	523	0	0	1130	351_10:42:50
351_11:20:00	1	DFMS	Flight sequence	ARNS081B	0	0	10	351_11:20:10
351_11:20:10	0	DFMS	Mode	1	0	0	120	351_11:22:10
<b>MWNV 11:25 =&gt; 12:25</b>								
351_12:25:00	1	DFMS	Mode	1052	0	20	20208	351_18:01:48
351_12:26:00	1	RTOF	Mode	523	15	4	33050	351_21:36:50
351_18:01:48	0	DFMS	Mode	1052	0	19	18560	351_23:11:08
351_21:36:50	0	RTOF	Mode	183	2	0	740	351_21:49:10
351_21:49:10	0	RTOF	Mode	1	0	0	240	351_21:53:10
351_21:53:10	0	RTOF	Mode	521	4	0	2770	351_22:39:20
351_23:20:00	1	DFMS	Flight sequence	ARNS081B	0	0	10	351_23:20:10
351_23:20:10	0	DFMS	Mode	1	0	0	120	351_23:22:10
<b>MWNV 23:25 =&gt; 00:25</b>								
352_00:25:00	1	COPS	Mode	336	1	0	60	352_00:26:00
352_00:26:00	1	DFMS	Mode	222	0	12	34260	352_09:57:00
352_00:27:00	1	RTOF	Mode	521	15	4	33050	352_09:37:50
352_09:37:50	0	RTOF	Mode	521	8	0	3740	352_10:40:10
352_09:57:00	0	DFMS	Mode	232	0	1	3800	352_11:00:20
352_10:40:10	0	RTOF	Mode	1	0	0	240	352_10:44:10
352_10:44:10	0	RTOF	Mode	523	0	0	1130	352_11:03:00
352_11:20:00	1	DFMS	Flight sequence	ARNS081B	0	0	10	352_11:20:10
352_11:20:10	0	DFMS	Mode	1	0	0	120	352_11:22:10
<b>MWNV 11:25 =&gt; 12:25</b>								
352_12:25:00	1	DFMS	Mode	260	0	20	18864	352_17:39:24
352_12:26:10	1	RTOF	Mode	523	15	4	33050	352_21:37:00
352_17:39:24	0	DFMS	Mode	260	0	18	16416	352_22:13:00

352_21:37:00	0	RTOF	Mode	523	8	0	3740	352_22:39:20
352_22:13:00	0	DFMS	Mode	1030	0	1	3000	352_23:03:00
352_22:39:20	0	RTOF	Mode	1	0	0	240	352_22:43:20
352_22:45:00	1	RTOF	Mode	521	0	0	1130	352_23:03:50
352_23:20:00	1	DFMS	Flight sequence	ARNS081B	0	0	10	352_23:20:10
352_23:20:10	0	DFMS	Mode	1	0	0	120	352_23:22:10
<b>MWNV 11:25 =&gt; 12:25</b>								
353_00:25:00	1	COPS	Mode	336	1	0	60	353_00:26:00
353_00:26:00	1	DFMS	Mode	222	0	12	34260	353_09:57:00
353_00:27:00	1	RTOF	Mode	521	15	4	33050	353_09:37:50
353_09:37:50	0	RTOF	Mode	521	9	0	4150	353_10:47:00
353_09:57:00	0	DFMS	Mode	242	0	1	3800	353_11:00:20
353_10:47:00	0	RTOF	Mode	1	0	0	240	353_10:51:00
353_10:51:00	0	RTOF	Mode	523	0	0	1130	353_11:09:50
353_11:20:00	1	DFMS	Flight sequence	ARNS081B	0	0	10	353_11:20:10
353_11:20:10	0	DFMS	Mode	1	0	0	120	353_11:22:10
<b>MWNV 11:25 =&gt; 12:25</b>								
353_12:25:00	1	DFMS	Mode	222	0	3	11040	353_15:29:00
353_12:26:00	1	RTOF	Mode	523	10	1	9120	353_14:58:00
353_14:58:00	0	RTOF	Mode	1	0	0	240	353_15:02:00
353_15:02:00	0	RTOF	Mode	510	15	3	26990	353_22:31:50
353_15:29:00	0	DFMS	Mode	217	0	6	26244	353_22:46:24
353_17:00:00	1	COPS	Flight sequence	ARNF016A	0	0	60	353_17:01:00
353_22:31:50	0	RTOF	Mode	510	4	0	2100	353_23:06:50
353_22:46:24	0	DFMS	Mode	205	0	0	864	353_23:00:48
353_23:05:00	1	COPS	Flight sequence	ARNF016B	0	0	60	353_23:06:00
353_23:10:00	1	ROSINA	Flight sequence	ZRNP2002	0	0	240	353_23:14:00
353_23:14:00	0	DFMS	Flight sequence	ARNF014B	0	0	125	353_23:16:05
353_23:16:05	0	RTOF	Flight sequence	ARNF014A	0	0	120	353_23:18:05
353_23:18:05	0	COPS	Flight sequence	ARNF011A	0	0	210	353_23:21:35
<b>MOCM 23:25 =&gt; 04:15</b>								

## STP035

Start time	Set Time	Instrument	Mode/Sequence	Mode/Sequence number	Cycle number	Repetition	Duration [s]	Stop time
<b>MOCM 23:25 =&gt; 04:15</b>								
354_04:15:00	1	COPS	Flight sequence	ARNF015A	0	0	120	354_04:17:00
354_04:17:00	0	COPS	Mode	336	1	0	60	354_04:18:00

354_04:18:00	0	DFMS	Flight sequence	ARNF003A	0	0	120	354_04:20:00
354_04:20:00	0	DFMS	Mode	222	0	5	17100	354_09:05:00
354_04:21:00	0	RTOF	Flight sequence	ARNF004A	0	0	120	354_04:23:00
354_04:25:00	0	RTOF	Flight sequence	ARNS041A_RTOF	25	0	60	354_04:26:00
354_04:26:00	0	RTOF	Mode	523	15	1	13890	354_08:17:30
354_08:17:30	0	RTOF	Mode	523	4	0	2100	354_08:52:30
354_08:52:30	0	RTOF	Mode	1	0	0	240	354_08:56:30
354_08:56:30	0	RTOF	Mode	510	0	0	1010	354_09:13:20
354_09:26:00	1	DFMS	Flight sequence	ARNS081B	0	0	10	354_09:26:10
354_09:26:10	0	DFMS	Mode	1	0	0	120	354_09:28:10
<b>MWNV 09:31 =&gt; 10:31</b>								
354_10:31:00	1	DFMS	Mode	222	0	10	29100	354_18:36:00
354_10:32:00	1	RTOF	Mode	510	15	3	26440	354_17:52:40
354_17:52:40	0	RTOF	Mode	510	9	0	4150	354_19:01:50
354_18:36:00	0	DFMS	Mode	220	0	1	2388	354_19:15:48
354_19:03:30	1	RTOF	Mode	1	0	0	240	354_19:07:30
354_19:07:30	0	RTOF	Mode	521	0	0	1130	354_19:26:20
354_19:32:00	1	DFMS	Flight sequence	ARNS081B	0	0	10	354_19:32:10
354_19:32:10	0	DFMS	Mode	1	0	0	120	354_19:34:10
<b>MWNV 19:37 =&gt; 20:37</b>								
354_20:37:00	1	COPS	Mode	336	1	0	60	354_20:38:00
354_20:38:00	1	DFMS	Mode	222	0	10	29100	355_04:43:00
354_20:39:00	1	RTOF	Mode	521	15	3	26440	355_03:59:40
355_03:59:40	0	RTOF	Mode	521	7	0	3330	355_04:55:10
355_04:43:00	0	DFMS	Mode	220	0	1	2388	355_05:22:48
355_04:55:10	0	RTOF	Mode	1	0	0	240	355_04:59:10
355_04:59:10	0	RTOF	Mode	523	0	0	1130	355_05:18:00
355_05:38:00	1	DFMS	Flight sequence	ARNS081B	0	0	10	355_05:38:10
355_05:38:10	0	DFMS	Mode	1	0	0	120	355_05:40:10
<b>MWNV 05:43 =&gt; 06:43</b>								
355_06:43:00	1	DFMS	Mode	222	0	10	29100	355_14:48:00
355_06:44:00	1	RTOF	Mode	523	14	4	31000	355_15:20:40
355_14:48:00	0	DFMS	Mode	220	0	2	3582	355_15:47:42
355_15:20:40	0	RTOF	Mode	1	0	0	240	355_15:24:40
355_15:24:40	0	RTOF	Mode	521	0	0	1130	355_15:43:30
355_15:47:45	1	DFMS	Flight sequence	ARNS081B	0	0	10	355_15:47:55
355_15:47:55	0	DFMS	Mode	1	0	0	120	355_15:49:55
<b>MWNV 15:50 =&gt; 16:50</b>								
355_16:50:00	1	COPS	Mode	336	1	0	60	355_16:51:00
355_16:51:00	1	DFMS	Mode	222	0	10	29100	356_00:56:00

355_16:52:00	1	RTOF	Mode	521	15	3	26440	356_00:12:40
356_00:12:40	0	RTOF	Mode	521	3	0	1690	356_00:40:50
356_00:40:50	0	RTOF	Mode	1	0	0	240	356_00:44:50
356_00:44:50	0	RTOF	Mode	523	0	0	1130	356_01:03:40
356_00:56:00	0	DFMS	Mode	220	0	1	2388	356_01:35:48
356_01:51:00	1	DFMS	Flight sequence	ARNS081B	0	0	10	356_01:51:10
356_01:51:10	0	DFMS	Mode	1	0	0	120	356_01:53:10
<b>MWNV 01:56 =&gt; 02:56</b>								
356_02:56:00	1	DFMS	Mode	222	0	17	47160	356_16:02:00
356_02:57:00	1	RTOF	Mode	523	15	6	46270	356_15:48:10
356_15:48:10	0	RTOF	Mode	1	0	0	240	356_15:52:10
356_15:52:10	0	RTOF	Mode	510	0	0	1010	356_16:09:00
356_16:02:00	0	DFMS	Mode	220	0	1	2388	356_16:41:48
356_17:01:50	1	DFMS	Flight sequence	ARNS081B	0	0	10	356_17:02:00
356_17:02:00	0	DFMS	Mode	1	0	0	120	356_17:04:00
<b>MWNV 17:06 =&gt; 18:06</b>								
356_18:06:00	1	COPS	Mode	336	1	0	60	356_18:07:00
356_18:07:00	1	DFMS	Mode	222	0	10	29100	357_02:12:00
356_18:08:00	1	RTOF	Mode	510	15	3	26440	357_01:28:40
357_01:28:40	0	RTOF	Mode	510	9	0	4150	357_02:37:50
357_02:12:00	0	DFMS	Mode	220	0	1	2388	357_02:51:48
357_02:39:30	1	RTOF	Mode	1	0	0	240	357_02:43:30
357_02:43:30	0	RTOF	Mode	521	0	0	1130	357_03:02:20
357_03:07:00	1	DFMS	Flight sequence	ARNS081B	0	0	10	357_03:07:10
357_03:07:10	0	DFMS	Mode	1	0	0	120	357_03:09:10
<b>MWNV 03:12 =&gt; 04:12</b>								
357_04:12:00	1	DFMS	Mode	222	0	10	29100	357_12:17:00
357_04:13:00	1	RTOF	Mode	521	15	3	26440	357_11:33:40
357_11:33:40	0	RTOF	Mode	1	0	0	240	357_11:37:40
357_11:37:40	0	RTOF	Mode	523	0	0	1130	357_11:56:30
357_12:17:00	0	DFMS	Mode	220	0	1	2388	357_12:56:48
357_13:13:00	1	DFMS	Flight sequence	ARNS081B	0	0	10	357_13:13:10
357_13:13:10	0	DFMS	Mode	1	0	0	120	357_13:15:10
<b>MWNV 13:18 =&gt; 14:18</b>								
357_14:18:00	1	COPS	Mode	336	1	0	60	357_14:19:00
357_14:19:00	1	DFMS	Mode	222	0	10	29100	357_22:24:00
357_14:20:00	1	RTOF	Mode	523	15	3	26440	357_21:40:40
357_22:24:00	0	DFMS	Mode	220	0	1	2388	357_23:03:48
357_23:10:00	1	ROSINA	Flight sequence	ZRNP2002	0	0	240	357_23:14:00
357_23:14:00	0	DFMS	Flight sequence	ARNF014B	0	0	125	357_23:16:05

357_23:16:05	0	RTOF	Flight sequence	ARNF014A	0	0	120	357_23:18:05
357_23:18:05	0	COPS	Flight sequence	ARNF011A	0	0	210	357_23:21:35

MOCM 23:25 => 04:15

## STP036

Start time	Set Time	Instrument	Mode/Sequence	Mode/Sequence number	Cycle number	Repetition	Duration [s]	Stop time
OCM 2325-0415h								
358_04:15:00	1	COPS	Flight sequence	ARNF015A	0	0	120	358_04:17:00
358_04:17:00	0	COPS	Mode	336	1	0	60	358_04:18:00
358_04:18:00	0	DFMS	Flight sequence	ARNF003A	0	0	120	358_04:20:00
358_04:20:00	0	DFMS	Mode	222	0	5	17100	358_09:05:00
358_04:21:00	0	RTOF	Flight sequence	ARNS041A_RTOF	25	0	60	358_04:22:00
358_04:22:00	0	RTOF	Flight sequence	ARNF004A	25	0	120	358_04:24:00
358_04:24:00	0	RTOF	Mode	523	15	1	13890	358_08:15:30
358_08:15:30	0	RTOF	Mode	523	7	0	3330	358_09:11:00
358_09:05:00	0	DFMS	Mode	157	0	0	368	358_09:11:08
358_09:14:00	1	DFMS	Flight sequence	ARNS081B	0	0	10	358_09:14:10
358_09:14:10	0	DFMS	Mode	1	0	0	120	358_09:16:10
WOL 0917-1017h								
358_10:17:00	1	DFMS	Mode	572	0	10	14800	358_14:23:40
358_10:20:10	1	RTOF	Mode	523	15	3	26440	358_17:40:50
358_14:23:40	0	DFMS	Mode	222	0	5	15480	358_18:41:40
358_17:40:50	0	RTOF	Mode	523	11	0	4970	358_19:03:40
358_19:00:00	1	DFMS	Flight sequence	ARNS081B	0	0	10	358_19:00:10
358_19:00:10	0	DFMS	Mode	1	0	0	120	358_19:02:10
WOL1910-2010h								
358_20:10:00	1	DFMS	Mode	215	0	10	10104	358_22:58:24
358_20:12:00	1	RTOF	Mode	523	15	3	26440	359_03:32:40
358_22:58:24	0	DFMS	Mode	215	0	10	9504	359_01:36:48
359_01:36:48	0	DFMS	Mode	215	0	10	9504	359_04:15:12
359_03:32:40	0	RTOF	Mode	523	11	0	4970	359_04:55:30
359_04:15:12	0	DFMS	Mode	215	0	2	2592	359_04:58:24
359_04:59:00	1	DFMS	Flight sequence	ARNS081B	0	0	10	359_04:59:10
359_04:59:10	0	DFMS	Mode	1	0	0	120	359_05:01:10
WOL 0503-0603h								
359_06:03:00	1	DFMS	Mode	222	0	10	29100	359_14:08:00
359_06:05:00	1	RTOF	Mode	523	15	3	26440	359_13:25:40

359_13:25:40	0	RTOF	Mode	523	11	0	4970	359_14:48:30
359_14:08:00	0	DFMS	Mode	220	0	1	2388	359_14:47:48
359_14:50:00	1	DFMS	Flight sequence	ARNS081B	0	0	10	359_14:50:10
359_14:50:10	0	DFMS	Mode	1	0	0	120	359_14:52:10
WOL 14:56-15:56h								
359_15:56:00	1	DFMS	Mode	222	0	10	29100	360_00:01:00
359_15:58:00	1	RTOF	Mode	523	15	6	46270	360_04:49:10
360_00:01:00	0	DFMS	Mode	222	0	6	18060	360_05:02:00
360_04:49:10	0	RTOF	Mode	523	7	0	3330	360_05:44:40
360_05:02:00	0	DFMS	Mode	220	0	1	2388	360_05:41:48
360_05:41:48	0	DFMS	Flight sequence	ARNS081B	0	0	10	360_05:41:58
360_05:41:58	0	DFMS	Mode	1	0	0	120	360_05:43:58
WOL 0546-0646h								
360_06:46:00	1	DFMS	Mode	222	0	10	29100	360_14:51:00
360_06:48:00	1	RTOF	Mode	523	15	3	26440	360_14:08:40
360_14:08:40	0	RTOF	Mode	523	11	0	4970	360_15:31:30
360_14:51:00	0	DFMS	Mode	220	0	1	2388	360_15:30:48
360_15:35:48	1	DFMS	Flight sequence	ARNS081B	0	0	10	360_15:35:58
360_15:35:58	0	DFMS	Mode	1	0	0	120	360_15:37:58
WOL 1539-1639h								
360_16:39:00	1	DFMS	Mode	222	0	9	26520	361_00:01:00
360_16:41:00	1	RTOF	Mode	523	15	3	26440	361_00:01:40
361_00:01:00	0	DFMS	Mode	220	0	3	4776	361_01:20:36
361_00:01:40	0	RTOF	Mode	523	11	0	4970	361_01:24:30
361_01:25:36	1	DFMS	Flight sequence	ARNS081B	0	0	10	361_01:25:46
361_01:25:46	0	DFMS	Mode	1	0	0	120	361_01:27:46
WOL 0132-0232h								
361_02:32:00	1	DFMS	Mode	222	0	10	29100	361_10:37:00
361_02:34:00	1	RTOF	Mode	523	15	3	26440	361_09:54:40
361_09:54:40	0	RTOF	Mode	523	10	0	4560	361_11:10:40
361_10:37:00	0	DFMS	Mode	220	0	0	1194	361_10:56:54
361_11:10:40	0	ROSINA	Flight sequence	ZRNP2002	0	0	240	361_11:14:40
361_11:14:40	0	DFMS	Flight sequence	ARNF014B	0	0	125	361_11:16:45
361_11:16:45	0	RTOF	Flight sequence	ARNF014A	0	0	120	361_11:18:45
361_11:18:45	0	COPS	Flight sequence	ARNF011A	0	0	210	361_11:22:15
OCM 1125-1615h								
361_16:15:00	1	COPS	Flight sequence	ARNF015A	0	0	120	361_16:17:00
361_16:17:00	0	COPS	Mode	336	1	0	60	361_16:18:00
361_16:18:00	0	DFMS	Flight sequence	ARNF003A	0	0	120	361_16:20:00
361_16:20:00	0	DFMS	Mode	222	0	0	3300	361_17:15:00

361_16:21:00	0	RTOF	Flight sequence	ARNS041A_RTOF	25	0	60	361_16:22:00
361_16:22:00	0	RTOF	Flight sequence	ARNF004A	25	0	120	361_16:24:00
361_16:24:00	0	RTOF	Mode	523	15	1	13940	361_20:16:20
361_17:15:00	0	DFMS	Mode	232	0	0	1900	361_17:46:40
361_17:46:40	0	DFMS	Mode	242	0	4	9500	361_20:25:00
361_20:16:20	0	RTOF	Mode	523	6	0	2920	361_21:05:00
361_20:25:00	0	DFMS	Mode	560	0	4	1920	361_20:57:00
361_21:12:00	1	DFMS	Flight sequence	ARNS081B	0	0	10	361_21:12:10
361_21:12:10	0	DFMS	Mode	1	0	0	120	361_21:14:10
WOL 2117-2217h								
361_22:17:00	1	DFMS	Mode	232	0	0	2450	361_22:57:50
361_22:20:00	1	RTOF	Mode	523	15	3	26440	362_05:40:40
361_22:57:50	0	DFMS	Mode	242	0	12	24700	362_05:49:30
362_05:40:40	0	RTOF	Mode	523	11	0	4970	362_07:03:30
362_05:49:30	0	DFMS	Mode	232	0	1	3800	362_06:52:50
362_07:07:10	1	DFMS	Flight sequence	ARNS081B	0	0	10	362_07:07:20
362_07:07:20	0	DFMS	Mode	1	0	0	120	362_07:09:20
362_07:09:00	1	RTOF	Mode	1	0	0	240	362_07:13:00
WOL 0710-0810h								
362_08:10:00	1	DFMS	Mode	222	0	10	29100	362_16:15:00
362_08:12:00	1	RTOF	Mode	510	15	3	26990	362_15:41:50
362_15:41:50	0	RTOF	Mode	510	10	0	4560	362_16:57:50
362_16:15:00	0	DFMS	Mode	260	0	2	2592	362_16:58:12
362_16:58:12	0	DFMS	Flight sequence	ARNS081B	0	0	10	362_16:58:22
362_16:58:22	0	DFMS	Mode	1	0	0	120	362_17:00:22
362_16:59:22	0	RTOF	Mode	1	0	5	490	362_17:07:32
WOL 1703-1803h								
362_18:03:00	1	DFMS	Mode	215	0	5	5784	362_19:39:24
362_18:05:00	1	RTOF	Mode	523	15	3	27110	363_01:36:50
362_19:39:24	0	DFMS	Mode	215	0	10	9504	362_22:17:48
362_22:17:48	0	DFMS	Mode	222	0	0	2700	362_23:02:48
362_23:02:48	0	DFMS	Mode	157	0	0	368	362_23:08:56
363_01:36:50	0	RTOF	Mode	523	11	0	4970	363_02:59:40
363_02:50:44	1	DFMS	Flight sequence	ARNS081B	0	0	10	363_02:50:54
363_02:50:54	0	DFMS	Mode	1	0	0	120	363_02:52:54
WOL 0256-0356h								
363_03:56:00	1	DFMS	Mode	222	0	10	29100	363_12:01:00
363_03:58:00	1	RTOF	Mode	523	15	6	46270	363_16:49:10
363_12:01:00	0	DFMS	Mode	222	0	6	18060	363_17:02:00
363_16:49:10	0	RTOF	Mode	523	7	0	3330	363_17:44:40

363_17:02:00	0	DFMS	Mode	220	0	1	2388	363_17:41:48
363_17:41:48	0	DFMS	Flight sequence	ARNS081B	0	0	10	363_17:41:58
363_17:41:58	0	DFMS	Mode	1	0	0	120	363_17:43:58
WOL 1746-1846h								
363_18:46:00	1	DFMS	Mode	222	0	11	31680	364_03:34:00
363_18:48:00	1	RTOF	Mode	523	15	3	26440	364_02:08:40
364_02:08:40	0	RTOF	Mode	523	12	0	5380	364_03:38:20
364_03:34:00	0	DFMS	Flight sequence	ARNS081B	0	0	10	364_03:34:10
364_03:34:10	0	DFMS	Mode	1	0	0	120	364_03:36:10
WOL 0339-0439h								
364_04:39:00	1	DFMS	Mode	242	0	15	30950	364_13:14:50
364_04:41:00	1	RTOF	Mode	523	15	3	26440	364_12:01:40
364_12:01:40	0	RTOF	Mode	523	12	0	5380	364_13:31:20
364_13:28:00	1	DFMS	Flight sequence	ARNS081B	0	0	10	364_13:28:10
364_13:28:10	0	DFMS	Mode	1	0	0	120	364_13:30:10
WOL 13:32-14:32h								
364_14:32:00	1	DFMS	Mode	242	0	14	29050	364_22:36:10
364_14:34:00	1	RTOF	Mode	523	15	3	26440	364_21:54:40
364_21:54:40	0	RTOF	Mode	523	7	0	3330	364_22:50:10
364_22:50:10	0	RTOF	Mode	183	3	0	950	364_23:06:00
364_23:06:00	0	ROSINA	Flight sequence	ZRNP2002	0	0	240	364_23:10:00
364_23:10:00	0	DFMS	Flight sequence	ARNF014B	0	0	125	364_23:12:05
364_23:12:05	0	RTOF	Flight sequence	ARNF014A	0	0	120	364_23:14:05
364_23:14:05	0	COPS	Flight sequence	ARNF011A	0	0	210	364_23:17:35
OCM 2325-0415h								

## STP037

Start time	Set Time	Instrument	Mode/Sequence	Mode/Sequence number	Cycle number	Repetition	Duration [s]	Stop time
MOCM 23:25 => 04:15								
365_04:15:00	1	COPS	Flight sequence	ARNF015A	0	0	120	365_04:17:00
365_04:17:00	0	COPS	Mode	396	1	0	60	365_04:18:00
365_04:18:00	0	DFMS	Flight sequence	ARNF003A	0	0	120	365_04:20:00
365_04:20:00	0	DFMS	Mode	572	0	11	16480	365_08:54:40
365_04:21:00	0	RTOF	Flight sequence	ARNF004A	0	0	120	365_04:23:00
365_04:23:00	0	RTOF	Mode	521	15	0	7280	365_06:24:20
365_06:29:00	<b>Set RTOF ETS THD Level = 5</b>							
365_06:30:00	1	RTOF	Mode	521	0	0	460	365_06:37:40



<b>365_06:39:00 Set RTOF ETS THD Level = 6</b>								
365_06:40:00	1	RTOF	Mode	521	0	0	460	365_06:47:40
<b>365_06:49:00 Set RTOF ETS THD Level = 5</b>								
365_06:50:00	1	RTOF	Mode	521	0	0	460	365_06:57:40
<b>365_06:59:00 Set RTOF ETS THD Level = 6</b>								
365_07:00:00	1	RTOF	Mode	521	0	0	460	365_07:07:40
<b>365_07:09:00 Set RTOF ETS THD Level = 5</b>								
365_07:10:00	1	RTOF	Mode	521	0	0	460	365_07:17:40
<b>365_07:19:00 Set RTOF ETS THD Level = 6</b>								
365_07:20:00	1	RTOF	Mode	521	0	0	460	365_07:27:40
<b>365_07:29:00 Set RTOF ETS THD Level = 5</b>								
365_07:30:00	1	RTOF	Mode	521	0	0	460	365_07:37:40
<b>365_07:39:00 Set RTOF ETS THD Level = 6</b>								
365_07:40:00	1	RTOF	Mode	521	0	0	460	365_07:47:40
<b>365_07:49:00 Set RTOF ETS THD Level = 4 (default)</b>								
365_07:50:00	1	RTOF	Mode	521	11	0	4970	365_09:12:50
365_09:12:50	0	RTOF	Mode	1	0	0	240	365_09:16:50
365_09:14:00	1	DFMS	Flight sequence	ARNS081B	0	0	10	365_09:14:10
365_09:14:10	0	DFMS	Mode	1	0	0	120	365_09:16:10
365_09:16:50	0	RTOF	Mode	523	0	0	1130	365_09:35:40
<b>MWNV 09:17 =&gt; 10:17</b>								
365_10:17:00	1	RTOF	Mode	523	15	0	6610	365_12:07:10
365_10:18:00	1	DFMS	Mode	222	0	11	31680	365_19:06:00
<b>365_12:09:00 Set RTOF ETSL THD Level = 0</b>								
365_12:10:00	1	RTOF	Mode	523	0	0	460	365_12:17:40
<b>365_12:19:00 Set RTOF ETSL THD Level = 1</b>								
365_12:20:00	1	RTOF	Mode	523	0	0	460	365_12:27:40
<b>365_12:29:00 Set RTOF ETSL THD Level = 2 (default)</b>								
365_12:30:00	1	RTOF	Mode	523	0	0	460	365_12:37:40
<b>365_12:39:00 Set RTOF ETSL THD Level = 3</b>								
365_12:40:00	1	RTOF	Mode	523	0	0	460	365_12:47:40
<b>365_12:49:00 Set RTOF ETSL THD Level = 4</b>								
365_12:50:00	1	RTOF	Mode	523	0	0	460	365_12:57:40
<b>365_12:59:00 Set RTOF ETSL THD Level = 0</b>								
365_13:00:00	1	RTOF	Mode	523	0	0	460	365_13:07:40
<b>365_13:09:00 Set RTOF ETSL THD Level = 1</b>								
365_13:10:00	1	RTOF	Mode	523	0	0	460	365_13:17:40
<b>365_13:19:00 Set RTOF ETSL THD Level = 2 (default)</b>								
365_13:20:00	1	RTOF	Mode	523	0	0	460	365_13:27:40
<b>365_13:29:00 Set RTOF ETSL THD Level = 3</b>								

365_13:30:00	1	RTOF	Mode	523	0	0	460	365_13:37:40
365_13:39:00		<b>Set RTOF ETSL THD Level = 4</b>						
365_13:40:00	1	RTOF	Mode	523	0	0	460	365_13:47:40
365_13:49:00		<b>Set RTOF ETSL THD Level = 0</b>						
365_13:50:00	1	RTOF	Mode	523	0	0	460	365_13:57:40
365_13:59:00		<b>Set RTOF ETSL THD Level = 1</b>						
365_14:00:00	1	RTOF	Mode	523	0	0	460	365_14:07:40
365_14:09:00		<b>Set RTOF ETSL THD Level = 2 (default)</b>						
365_14:10:00	1	RTOF	Mode	523	0	0	460	365_14:17:40
365_14:19:00		<b>Set RTOF ETSL THD Level = 3</b>						
365_14:20:00	1	RTOF	Mode	523	0	0	460	365_14:27:40
365_14:29:00		<b>Set RTOF ETSL THD Level = 4</b>						
365_14:30:00	1	RTOF	Mode	523	0	0	460	365_14:37:40
365_14:39:00		<b>Set RTOF ETSL THD Level = 0</b>						
365_14:40:00	1	RTOF	Mode	523	0	0	460	365_14:47:40
365_14:49:00		<b>Set RTOF ETSL THD Level = 1</b>						
365_14:50:00	1	RTOF	Mode	523	0	0	460	365_14:57:40
365_14:59:00		<b>Set RTOF ETSL THD Level = 2 (default)</b>						
365_15:00:00	1	RTOF	Mode	523	0	0	460	365_15:07:40
365_15:09:00		<b>Set RTOF ETSL THD Level = 3</b>						
365_15:10:00	1	RTOF	Mode	523	0	0	460	365_15:17:40
365_15:19:00		<b>Set RTOF ETSL THD Level = 4</b>						
365_15:20:00	1	RTOF	Mode	523	0	0	460	365_15:27:40
365_15:29:00		<b>Set RTOF ETSL THD Level = 2 (default)</b>						
365_15:30:00	1	RTOF	Mode	523	15	1	13220	365_19:10:20
365_19:07:00	1	DFMS	Flight sequence	ARNS081B	0	0	10	365_19:07:10
365_19:07:10	0	DFMS	Mode	1	0	0	120	365_19:09:10
<b>MWNV 19:10 =&gt; 20:10</b>								
365_20:10:00	1	DFMS	Mode	242	0	10	21450	001_02:07:30
365_20:11:00	1	RTOF	Mode	523	15	3	26440	001_03:31:40
001_02:07:30	0	DFMS	Mode	222	0	3	10320	001_04:59:30
001_03:31:40	0	RTOF	Mode	523	12	0	5380	001_05:01:20
001_05:00:00	1	DFMS	Flight sequence	ARNS081B	0	0	10	001_05:00:10
001_05:00:10	0	DFMS	Mode	1	0	0	120	001_05:02:10
<b>MWNV 05:03 =&gt; 06:03</b>								
001_06:03:00	1	DFMS	Mode	222	0	11	31680	001_14:51:00
001_06:04:00	1	RTOF	Mode	523	15	3	26440	001_13:24:40
001_06:05:00	1	COPS	Mode	396	1	0	60	001_06:06:00
001_13:24:40	0	RTOF	Mode	523	12	0	5380	001_14:54:20
001_14:53:00	1	DFMS	Flight sequence	ARNS081B	0	0	10	001_14:53:10

001_14:53:10	0	DFMS	Mode	1	0	0	120	001_14:55:10	
<b>MWNV 14:56 =&gt; 15:56</b>									
001_15:56:00	1	DFMS	Mode	572	0	15	21200	001_21:49:20	
001_15:57:00	1	RTOF	Mode	523	15	6	46270	002_04:48:10	
001_21:49:20	0	DFMS	Mode	222	0	10	28380	002_05:42:20	
002_04:48:10	0	RTOF	Mode	523	3	0	1690	002_05:16:20	
002_05:16:20	0	RTOF	Mode	1	0	0	240	002_05:20:20	
002_05:20:20	0	RTOF	Mode	521	0	0	1130	002_05:39:10	
002_05:43:00	1	DFMS	Flight sequence	ARNS081B	0	0	10	002_05:43:10	
002_05:43:10	0	DFMS	Mode	1	0	0	120	002_05:45:10	
<b>MWNV 05:46 =&gt; 06:46</b>									
002_06:46:00	1	DFMS	Mode	242	0	5	11950	002_10:05:10	
002_06:47:00	1	RTOF	Mode	521	15	3	26440	002_14:07:40	
002_06:48:00	1	COPS	Mode	396	1	0	60	002_06:49:00	
002_10:05:10	0	DFMS	Mode	222	0	6	18060	002_15:06:10	
002_14:07:40	0	RTOF	Mode	521	8	0	3740	002_15:10:00	
002_15:10:00	0	RTOF	Mode	1	0	0	240	002_15:14:00	
002_15:14:00	0	RTOF	Mode	523	0	0	1130	002_15:32:50	
002_15:36:00	1	DFMS	Flight sequence	ARNS081B	0	0	10	002_15:36:10	
002_15:36:10	0	DFMS	Mode	1	0	0	120	002_15:38:10	
<b>MWNV 15:39 =&gt; 16:39</b>									
002_16:39:00	1	DFMS	Mode	222	0	9	26520	003_00:01:00	
002_16:40:00	1	RTOF	Mode	523	15	3	26440	003_00:00:40	
003_00:00:00	1	COPS	Flight sequence	ARNF016A	0	0	60	003_00:01:00	
003_00:01:00	0	RTOF	Mode	523	10	0	4560	003_01:17:00	
003_00:02:00	0	DFMS	Flight sequence	ARNS081B	0	0	10	003_00:02:10	
003_00:02:10	0	DFMS	Mode	600	0	0	4600	003_01:18:50	DFMS Pixel Gain
003_01:17:00	0	RTOF	Mode	183	2	0	740	003_01:29:20	
003_01:29:00	1	DFMS	Flight sequence	ARNS081B	0	0	10	003_01:29:10	
003_01:29:10	0	DFMS	Mode	1	0	0	120	003_01:31:10	
003_01:31:00	1	COPS	Flight sequence	ARNF016B	0	0	60	003_01:32:00	
<b>MWNV 01:32 =&gt; 02:32</b>									
003_02:31:00	1	COPS	Flight sequence	ARNF016A	0	0	60	003_02:32:00	
003_02:32:00	0	DFMS	Mode	215	0	20	18744	003_07:44:24	
003_02:33:00	0	RTOF	Mode	523	15	3	26440	003_09:53:40	
003_07:49:00	1	RTOF	Mode	1	0	0	240	003_07:53:00	
003_07:53:00	0	RTOF	Flight sequence	ARNF014A	0	0	120	003_07:55:00	
003_07:55:00	1	DFMS	Flight sequence	ARNS081B	0	0	10	003_07:55:10	
003_07:55:10	0	DFMS	Flight sequence	ARNS041A_DFMS	1	0	60	003_07:56:10	DFMS compression test
003_07:56:10	0	DFMS	Mode	502	0	0	1410	003_08:19:40	SLEW

003_08:24:30	1	DFMS	Flight sequence	ARNS081B	0	0	10	003_08:24:40	
003_08:24:40	0	DFMS	Mode	502	0	0	1290	003_08:46:10	
003_08:48:00	1	DFMS	Flight sequence	ARNS081B	0	0	10	003_08:48:10	
003_08:48:10	0	DFMS	Mode	502	0	0	1290	003_09:09:40	
003_09:11:30	1	DFMS	Flight sequence	ARNS081B	0	0	10	003_09:11:40	
003_09:11:40	0	DFMS	Mode	502	0	0	1290	003_09:33:10	
003_09:35:00	1	DFMS	Flight sequence	ARNS081B	0	0	10	003_09:35:10	
003_09:35:10	0	DFMS	Mode	502	0	0	1290	003_09:56:40	
003_09:58:30	1	DFMS	Flight sequence	ARNS081B	0	0	10	003_09:58:40	
003_09:58:40	0	DFMS	Mode	502	0	0	1290	003_10:20:10	
003_10:22:00	1	DFMS	Flight sequence	ARNS081B	0	0	10	003_10:22:10	
003_10:22:10	0	DFMS	Mode	502	0	0	1290	003_10:43:40	
003_10:45:30	1	DFMS	Flight sequence	ARNS081B	0	0	10	003_10:45:40	
003_10:45:40	0	DFMS	Mode	502	0	0	1290	003_11:07:10	
003_11:09:00	1	ROSINA	Flight sequence	ZRNP2002	0	0	240	003_11:13:00	
003_11:13:00	0	DFMS	Flight sequence	ARNS041A_DFMS	0	0	60	003_11:14:00	End of DFMS compression test
003_11:14:00	0	DFMS	Flight sequence	ARNF014B	0	0	125	003_11:16:05	
003_11:18:05	0	COPS	Flight sequence	ARNF016B	0	0	60	003_11:19:05	
003_11:19:05	0	COPS	Flight sequence	ARNF011A	0	0	210	003_11:22:35	
<b>MOCM 11:25 =&gt; 16:15</b>									
003_16:15:00	1	COPS	Flight sequence	ARNF015A	0	0	120	003_16:17:00	
003_16:17:00	0	COPS	Mode	396	1	0	60	003_16:18:00	
003_16:18:00	0	DFMS	Flight sequence	ARNF003A	0	0	120	003_16:20:00	
003_16:20:00	0	DFMS	Mode	222	0	5	16200	003_20:50:00	
003_16:21:00	0	RTOF	Flight sequence	ARNF004A	0	0	120	003_16:23:00	
003_16:23:00	0	RTOF	Mode	521	15	1	13940	003_20:15:20	
003_20:15:20	0	RTOF	Mode	181	2	0	740	003_20:27:40	
003_20:26:50	0	RTOF	Mode	1	0	0	240	003_20:30:50	
003_20:30:50	0	RTOF	Mode	523	0	0	1130	003_20:49:40	
003_21:14:00	1	DFMS	Flight sequence	ARNS081B	0	0	10	003_21:14:10	
003_21:14:10	0	DFMS	Mode	1	0	0	120	003_21:16:10	
<b>MWNV 21:17 =&gt; 22:17</b>									
003_22:17:00	1	DFMS	Mode	242	0	10	21450	004_04:14:30	
003_22:18:00	1	RTOF	Mode	523	15	3	26440	004_05:38:40	
004_04:14:30	0	DFMS	Mode	222	0	3	10320	004_07:06:30	
004_05:38:40	0	RTOF	Mode	523	12	0	5380	004_07:08:20	
004_07:07:00	1	DFMS	Flight sequence	ARNS081B	0	0	10	004_07:07:10	
004_07:07:10	0	DFMS	Mode	1	0	0	120	004_07:09:10	
<b>MWNV 07:10 =&gt; 08:10</b>									
004_08:10:00	1	DFMS	Mode	222	0	11	31680	004_16:58:00	

004_08:11:00	1	RTOF	Mode	523	15	3	26440	004_15:31:40
004_15:31:40	0	RTOF	Mode	523	12	0	5380	004_17:01:20
004_17:00:00	1	DFMS	Flight sequence	ARNS081B	0	0	10	004_17:00:10
004_17:00:10	0	DFMS	Mode	1	0	0	120	004_17:02:10
<b>MWNV 17:03 =&gt; 18:03</b>								
004_18:03:00	1	DFMS	Mode	572	0	15	21200	004_23:56:20
004_18:04:00	1	RTOF	Mode	523	15	3	26440	005_01:24:40
004_18:05:00	1	COPS	Mode	396	1	0	60	004_18:06:00
004_23:56:20	0	DFMS	Mode	222	0	3	10320	005_02:48:20
005_00:00:00	1	COPS	Flight sequence	ARNF016A	0	0	60	005_00:01:00
005_01:24:40	0	RTOF	Mode	523	12	0	5380	005_02:54:20
005_02:53:00	1	DFMS	Flight sequence	ARNS081B	0	0	10	005_02:53:10
005_02:53:10	0	DFMS	Mode	1	0	0	120	005_02:55:10
<b>MWNV 02:56 =&gt; 03:56</b>								
005_03:56:00	1	DFMS	Mode	215	0	20	18744	005_09:08:24
005_03:57:00	1	RTOF	Mode	523	15	6	46270	005_16:48:10
005_09:08:24	0	DFMS	Mode	215	0	20	18144	005_14:10:48
005_14:10:48	0	DFMS	Mode	215	0	13	12096	005_17:32:24
005_16:48:10	0	RTOF	Mode	523	7	0	3330	005_17:43:40
005_17:43:00	1	DFMS	Flight sequence	ARNS081B	0	0	10	005_17:43:10
005_17:43:10	0	DFMS	Mode	1	0	0	120	005_17:45:10
<b>MWNV 17:46 =&gt; 18:46</b>								
005_18:46:00	1	DFMS	Mode	242	0	6	13850	005_22:36:50
005_18:47:00	1	RTOF	Mode	523	15	3	26440	006_02:07:40
005_20:00:00	1	COPS	Flight sequence	ARNF016B	0	0	60	005_20:01:00
005_22:36:50	0	DFMS	Mode	222	0	5	15480	006_02:54:50
006_02:07:40	0	RTOF	Mode	523	12	0	5380	006_03:37:20
006_03:36:00	1	DFMS	Flight sequence	ARNS081B	0	0	10	006_03:36:10
006_03:36:10	0	DFMS	Mode	1	0	0	120	006_03:38:10
<b>MWNV 03:39 =&gt; 04:39</b>								
006_04:39:00	1	DFMS	Mode	222	0	3	11040	006_07:43:00
006_04:40:00	1	RTOF	Mode	523	15	3	26440	006_12:00:40
006_04:41:00	1	COPS	Mode	396	1	0	60	006_04:42:00
006_07:43:00	0	DFMS	Mode	572	0	15	20600	006_13:26:20
006_12:00:40	0	RTOF	Mode	523	11	0	4970	006_13:23:30
006_13:23:30	0	RTOF	Mode	183	2	0	740	006_13:35:50
006_13:29:00	1	DFMS	Flight sequence	ARNS081B	0	0	10	006_13:29:10
006_13:29:10	0	DFMS	Mode	1	0	0	120	006_13:31:10
<b>MWNV 13:32 =&gt; 14:32</b>								
006_14:32:00	1	DFMS	Mode	222	0	3	11040	006_17:36:00

SLEW

006_14:33:00	1	RTOF	Mode	523	15	3	26440	006_21:53:40
006_17:50:00	1	COPS	Flight sequence	ARNF016A	0	0	60	006_17:51:00
006_17:55:00	1	DFMS	Mode	215	0	20	18264	006_22:59:24
006_21:53:40	0	RTOF	Mode	523	9	0	4150	006_23:02:50
006_23:03:00	1	ROSINA	Flight sequence	ZRNP2002	0	0	240	006_23:07:00
006_23:07:00	0	DFMS	Flight sequence	ARNF014B	0	0	125	006_23:09:05
006_23:09:05	0	RTOF	Flight sequence	ARNF014A	0	0	120	006_23:11:05
006_23:11:05	0	COPS	Flight sequence	ARNF016B	0	0	60	006_23:12:05
006_23:12:05	0	COPS	Flight sequence	ARNF011A	0	0	210	006_23:15:35



**MOCM 23:25 => 04:15**

## STP038

Start time	Set Time	Instrument	Mode/Sequence	Mode/Sequence number	Cycle number	Repetition	Duration [s]	Stop time
<b>MOCM 23:25 =&gt; 04:15</b>								
007_04:15:00	1	COPS	Flight sequence	ARNF015A	0	0	120	007_04:17:00
007_04:17:00	0	COPS	Mode	396	1	0	60	007_04:18:00
007_04:18:00	0	DFMS	Flight sequence	ARNF003A	0	0	120	007_04:20:00
007_04:20:00	0	DFMS	Mode	222	0	5	17100	007_09:05:00
007_04:21:00	0	RTOF	Flight sequence	ARNF004A	0	0	120	007_04:23:00
007_04:23:00	0	RTOF	Mode	523	15	1	13890	007_08:14:30
007_08:14:30	0	RTOF	Mode	183	2	0	740	007_08:26:50
007_08:26:50	0	RTOF	Mode	523	9	0	4150	007_09:36:00
007_09:05:00	0	DFMS	Mode	220	0	0	1194	007_09:24:54
007_09:37:00	1	DFMS	Flight sequence	ARNS081B	0	0	10	007_09:37:10
007_09:37:10	0	DFMS	Mode	1	0	0	120	007_09:39:10
<b>MWNV 09:42 =&gt; 10:42</b>								
007_10:42:00	1	DFMS	Mode	222	0	10	29100	007_18:47:00
007_10:43:00	1	RTOF	Mode	523	15	4	33050	007_19:53:50
007_18:47:00	0	DFMS	Mode	242	0	1	3800	007_19:50:20
007_19:54:00	1	DFMS	Flight sequence	ARNS081B	0	0	10	007_19:54:10
007_19:54:10	0	DFMS	Mode	1	0	0	120	007_19:56:10
<b>MWNV 19:59 =&gt; 20:59</b>								
007_20:59:00	1	COPS	Mode	396	1	0	60	007_21:00:00
007_21:00:00	1	DFMS	Mode	222	0	8	23940	008_03:39:00
007_21:01:00	1	RTOF	Mode	523	15	4	33050	008_06:11:50
008_03:39:01	0	DFMS	Mode	572	0	6	8960	008_06:08:20
008_06:11:00	1	DFMS	Flight sequence	ARNS081B	0	0	10	008_06:11:10

008_06:11:10	0	DFMS	Mode	1	0	0	120	008_06:13:10
<b>MWNV 06:16 =&gt; 07:16</b>								
008_07:16:00	1	DFMS	Mode	572	0	7	10960	008_10:18:40
008_07:17:00	1	RTOF	Mode	523	15	4	33050	008_16:27:50
008_10:18:40	0	DFMS	Mode	222	0	5	15480	008_14:36:40
008_14:36:40	0	DFMS	Mode	260	0	6	6048	008_16:17:28
008_16:27:00	1	DFMS	Flight sequence	ARNS081B	0	0	10	008_16:27:10
008_16:27:10	0	DFMS	Mode	1	0	0	120	008_16:29:10
<b>MWNV 16:33=&gt; 17:33</b>								
008_17:33:00	1	COPS	Mode	396	1	0	60	008_17:34:00
008_17:34:00	1	DFMS	Mode	222	0	5	16200	008_22:04:00
008_17:35:00	1	RTOF	Mode	523	15	4	33050	009_02:45:50
008_22:04:00	0	DFMS	Mode	242	0	7	15200	009_02:17:20
009_02:45:00	1	DFMS	Flight sequence	ARNS081B	0	0	10	009_02:45:10
009_02:45:10	0	DFMS	Mode	1	0	0	120	009_02:47:10
<b>MWNV 02:50=&gt; 03:50</b>								
009_03:50:00	1	DFMS	Mode	222	0	5	16200	009_08:20:00
009_03:51:00	1	RTOF	Mode	523	15	4	33050	009_13:01:50
009_08:20:00	0	DFMS	Mode	572	0	12	16640	009_12:57:20
009_13:02:00	1	DFMS	Flight sequence	ARNS081B	0	0	10	009_13:02:10
009_13:02:10	0	DFMS	Mode	1	0	0	120	009_13:04:10
<b>MWNV 13:07=&gt;14:07</b>								
009_14:07:00	1	COPS	Mode	396	1	0	60	009_14:08:00
009_14:08:00	1	DFMS	Mode	222	0	4	13620	009_17:55:00
009_14:09:00	1	RTOF	Mode	523	15	3	26440	009_21:29:40
009_17:55:00	0	DFMS	Mode	242	0	8	17100	009_22:40:00
009_21:29:40	0	RTOF	Mode	523	13	0	5790	009_23:06:10
009_23:10:00	1	ROSINA	Flight sequence	ZRNP2002	0	0	240	009_23:14:00
009_23:14:00	0	DFMS	Flight sequence	ARNF014B	0	0	125	009_23:16:05
009_23:16:05	0	RTOF	Flight sequence	ARNF014A	0	0	120	009_23:18:05
009_23:18:05	0	COPS	Flight sequence	ARNF011A	0	0	210	009_23:21:35
<b>MOCM 23:25 =&gt; 04:15</b>								
010_04:15:00	1	COPS	Flight sequence	ARNF015A	0	0	120	010_04:17:00
010_04:17:00	0	COPS	Mode	396	1	0	60	010_04:18:00
010_04:18:00	0	DFMS	Flight sequence	ARNF003A	0	0	120	010_04:20:00
010_04:20:00	0	DFMS	Mode	222	0	3	11040	010_07:24:00
010_04:21:00	0	RTOF	Flight sequence	ARNF004A	0	0	120	010_04:23:00
010_04:23:00	0	RTOF	Mode	523	13	2	18090	010_09:24:30
010_07:24:00	0	DFMS	Mode	572	0	4	6400	010_09:10:40
010_09:26:00	1	DFMS	Flight sequence	ARNS081B	0	0	10	010_09:26:10

010_09:26:10	0	DFMS	Mode	1	0	0	120	010_09:28:10
<b>MWNV 09:31 =&gt; 10:31</b>								
010_10:31:00	1	DFMS	Mode	222	0	4	13620	010_14:18:00
010_10:32:00	1	RTOF	Mode	523	15	3	26440	010_17:52:40
010_14:18:00	0	DFMS	Mode	242	0	8	17100	010_19:03:00
010_17:52:40	0	RTOF	Mode	523	13	0	5790	010_19:29:10
010_19:32:00	1	DFMS	Flight sequence	ARNS081B	0	0	10	010_19:32:10
010_19:32:10	0	DFMS	Mode	1	0	0	120	010_19:34:10
<b>MWNV 19:37 =&gt; 20:37</b>								
010_20:37:00	1	COPS	Mode	396	1	0	60	010_20:38:00
010_20:38:00	1	DFMS	Mode	222	0	5	16200	011_01:08:00
010_20:39:00	1	RTOF	Mode	523	15	3	26440	011_03:59:40
011_01:08:00	0	DFMS	Mode	572	0	11	15360	011_05:24:00
011_03:59:40	0	RTOF	Mode	523	13	0	5790	011_05:36:10
011_05:38:00	1	DFMS	Flight sequence	ARNS081B	0	0	10	011_05:38:10
011_05:38:10	0	DFMS	Mode	1	0	0	120	011_05:40:10
<b>MWNV 05:43 =&gt; 06:43</b>								
011_06:43:00	1	DFMS	Mode	222	0	5	16200	011_11:13:00
011_06:44:00	1	RTOF	Mode	523	15	3	26440	011_14:04:40
011_11:13:00	0	DFMS	Mode	242	0	7	15200	011_15:26:20
011_14:04:40	0	RTOF	Mode	523	13	0	5790	011_15:41:10
011_15:45:00	1	DFMS	Flight sequence	ARNS081B	0	0	10	011_15:45:10
011_15:45:10	0	DFMS	Mode	1	0	0	120	011_15:47:10
<b>MWNV 15:50 =&gt; 16:50</b>								
011_16:50:00	1	COPS	Mode	396	1	0	60	011_16:51:00
011_16:51:00	1	DFMS	Mode	222	0	8	23940	011_23:30:00
011_16:52:00	1	RTOF	Mode	523	15	3	26440	012_00:12:40
011_23:30:00	0	DFMS	Mode	260	0	8	7776	012_01:39:36
012_00:12:40	0	RTOF	Mode	523	13	0	5790	012_01:49:10
012_01:51:00	1	DFMS	Flight sequence	ARNS081B	0	0	10	012_01:51:10
012_01:51:10	0	DFMS	Mode	1	0	0	120	012_01:53:10
<b>MWNV 01:56 =&gt; 02:56</b>								
012_02:56:00	1	DFMS	Mode	222	0	11	31680	012_11:44:00
012_02:57:00	1	RTOF	Mode	523	15	6	46270	012_15:48:10
012_11:44:00	0	DFMS	Mode	572	0	13	17920	012_16:42:40
012_15:48:10	0	RTOF	Mode	523	9	0	4150	012_16:57:20
012_17:01:00	1	DFMS	Flight sequence	ARNS081B	0	0	10	012_17:01:10
012_17:01:10	0	DFMS	Mode	1	0	0	120	012_17:03:10
<b>MWNV 17:06 =&gt; 18:06</b>								
012_18:06:00	1	COPS	Mode	396	1	0	60	012_18:07:00



012_18:07:00	1	DFMS	Mode	222	0	9	26520	013_01:29:00
012_18:08:00	1	RTOF	Mode	523	15	3	26440	013_01:28:40
013_01:29:00	0	DFMS	Mode	242	0	2	5700	013_03:04:00
013_01:28:40	0	RTOF	Mode	523	12	0	5380	013_02:58:20
013_03:07:00	1	DFMS	Flight sequence	ARNS081B	0	0	10	013_03:07:10
013_03:07:10	0	DFMS	Mode	1	0	0	120	013_03:09:10
<b>MWNV 03:12 =&gt; 04:12</b>								
013_04:12:00	1	DFMS	Mode	222	0	9	26520	013_11:34:00
013_04:13:00	1	RTOF	Mode	523	15	3	26440	013_11:33:40
013_11:34:00	0	DFMS	Mode	572	0	3	5120	013_12:59:20
013_11:33:40	0	RTOF	Mode	523	13	0	5790	013_13:10:10
013_13:13:00	1	DFMS	Flight sequence	ARNS081B	0	0	10	013_13:13:10
013_13:13:10	0	DFMS	Mode	1	0	0	120	013_13:15:10
<b>MWNV 13:18 =&gt; 14:18</b>								
013_14:18:00	1	COPS	Mode	396	1	0	60	013_14:19:00
013_14:19:00	1	DFMS	Mode	222	0	9	26520	013_21:41:00
013_14:20:00	1	RTOF	Mode	523	15	3	26440	013_21:40:40
013_21:41:00	0	DFMS	Mode	260	0	5	5184	013_23:07:24
013_21:40:40	0	RTOF	Mode	523	11	0	4970	013_23:03:30
013_23:10:00	1	ROSINA	Flight sequence	ZRNP2002	0	0	240	013_23:14:00
013_23:14:00	0	DFMS	Flight sequence	ARNF014B	0	0	125	013_23:16:05
013_23:16:05	0	RTOF	Flight sequence	ARNF014A	0	0	120	013_23:18:05
013_23:18:05	0	COPS	Flight sequence	ARNF011A	0	0	210	013_23:21:35
<b>MOCM 23:25 =&gt; 04:15</b>								

## STP039

Start time	Set Time	Instrument	Mode/Sequence	Mode/Sequence number	Cycle number	Repetition	Duration [s]	Stop time
014_04:15:00	1	COPS	Flight sequence	ARNF015A	0	0	120	014_04:17:00
014_04:17:00	0	COPS	Mode	332	1	0	60	014_04:18:00
014_04:18:00	0	DFMS	Flight sequence	ARNF003A	0	0	120	014_04:20:00
014_04:20:00	0	DFMS	Mode	222	0	5	17100	014_09:05:00
014_04:21:00	0	RTOF	Flight sequence	ARNF004A	0	0	120	014_04:23:00
014_04:23:00	0	RTOF	Flight sequence	ARNS041A_RTOF	25	0	60	014_04:24:00
014_04:24:00	0	RTOF	Mode	553	15	4	16920	014_09:06:00
014_09:05:00	0	DFMS	Mode	502	0	0	1280	014_09:26:20
014_09:35:20	1	DFMS	Flight sequence	ARNS081B	0	0	10	014_09:35:30
014_09:35:30	0	DFMS	Mode	1	0	0	120	014_09:37:30

WOL 0942-1042h								
014_10:42:00	1	DFMS	Mode	222	0	11	31680	014_19:30:00
014_10:45:00	1	RTOF	Mode	553	15	8	29250	014_18:52:30
014_19:30:00	0	DFMS	Mode	220	0	0	1194	014_19:49:54
014_19:55:00	1	DFMS	Flight sequence	ARNS081B	0	0	10	014_19:55:10
014_19:55:10	0	DFMS	Mode	1	0	11	120	014_19:57:10
WOL 1959-2059h								
014_21:00:00	1	DFMS	Mode	572	0	10	14800	015_01:06:40
014_21:02:00	1	RTOF	Mode	553	15	9	32500	015_06:03:40
015_01:06:40	0	DFMS	Mode	215	0	10	9624	015_03:47:04
015_03:47:04	0	DFMS	Mode	260	0	9	8760	015_06:13:04
015_06:13:04	0	DFMS	Flight sequence	ARNS081B	0	0	10	015_06:13:14
015_06:13:14	0	DFMS	Mode	1	0	0	120	015_06:15:14
WOL 0616-0716h								
015_07:16:00	1	DFMS	Mode	222	0	11	31680	015_16:04:00
015_07:18:00	1	RTOF	Mode	523	15	4	32250	015_16:15:30
015_16:04:00	0	DFMS	Mode	220	0	0	1194	015_16:23:54
015_07:16:00	1	DFMS	Mode	222	0	11	31680	015_16:04:00
015_07:18:00	1	RTOF	Mode	523	15	4	33090	015_16:29:30
015_16:04:00	0	DFMS	Mode	220	0	0	1194	015_16:23:54
015_16:25:00	1	DFMS	Flight sequence	ARNS081B	0	0	10	015_16:25:10
015_16:25:10	0	DFMS	Mode	1	0	0	120	015_16:27:10
WOL 1633-1733h								
015_17:33:00	1	DFMS	Mode	222	0	10	29100	016_01:38:00
015_17:35:00	1	RTOF	Mode	523	15	4	33050	016_02:45:50
016_01:38:00	0	DFMS	Mode	220	0	2	3582	016_02:37:42
016_02:45:20	1	DFMS	Flight sequence	ARNS081B	0	0	10	016_02:45:30
016_02:45:30	0	DFMS	Mode	1	0	0	120	016_02:47:30
WOL 0250-0350h								
016_03:50:00	1	DFMS	Mode	222	0	10	29100	016_11:55:00
016_03:55:00	1	RTOF	Mode	523	15	4	32250	016_12:52:30
016_11:55:00	0	DFMS	Mode	222	0	0	2580	016_12:38:00
016_12:38:00	0	DFMS	Mode	220	0	0	1194	016_12:57:54
016_13:00:00	1	DFMS	Flight sequence	ARNS081B	0	0	10	016_13:00:10
016_13:00:10	0	DFMS	Mode	1	0	0	120	016_13:02:10
WOL 1307-1407h								
016_14:07:00	1	DFMS	Mode	222	0	11	31680	016_22:55:00
016_14:09:00	1	RTOF	Mode	523	14	4	30250	016_22:33:10
016_22:55:00	0	ROSINA	Flight sequence	ZRNP2002	0	0	240	016_22:59:00
016_22:59:00	0	RTOF	Flight sequence	ARNF014A	0	0	120	016_23:01:00

016_23:01:00	0	DFMS	Flight sequence	ARNF014B	0	0	125	016_23:03:05
016_23:03:05	0	COPS	Flight sequence	ARNF011A	0	0	210	016_23:06:35
<b>MOCM 2325-0415h</b>								
017_04:15:00	1	COPS	Flight sequence	ARNF015A	0	0	120	017_04:17:00
017_04:17:00	0	COPS	Mode	332	1	0	60	017_04:18:00
017_04:18:00	0	DFMS	Flight sequence	ARNF003A	0	0	120	017_04:20:00
017_04:20:00	<b>Set RTOF M523 integration = 400s</b>							
017_04:21:00	<b>Set RTOF M521 integration = 400s</b>							
017_04:22:00	<b>Set DFMS new mode tables (1030, 232, 242)</b>							
017_04:30:00	1	DFMS	Mode	222	0	5	17100	017_09:15:00
017_04:31:00	1	RTOF	Flight sequence	ARNF004A	0	0	120	017_04:33:00
017_04:33:00	0	RTOF	Flight sequence	ARNS041A_RTOF	25	0	60	017_04:34:00
017_04:34:00	0	RTOF	Mode	523	15	1	13890	017_08:25:30
017_09:25:00	1	DFMS	Flight sequence	ARNS081B	0	0	10	017_09:25:10
017_09:25:10	0	DFMS	Mode	1	0	0	120	017_09:27:10
<b>WOL 0931-1031</b>								
017_10:31:00	1	DFMS	Mode	572	0	10	14800	017_14:37:40
017_10:32:00	1	RTOF	Mode	523	15	3	26440	017_17:52:40
017_14:37:40	0	DFMS	Mode	572	0	12	16640	017_19:15:00
017_19:20:00	1	DFMS	Flight sequence	ARNS081B	0	0	10	017_19:20:10
017_19:20:10	0	DFMS	Mode	1	0	0	120	017_19:22:10
<b>WOL 1937-2037h</b>								
017_20:37:00	1	DFMS	Mode	222	0	10	29100	018_04:42:00
017_20:40:00	1	RTOF	Mode	523	15	3	26440	018_04:00:40
018_04:00:40	0	RTOF	Mode	523	13	0	5790	018_05:37:10
018_04:42:00	0	DFMS	Mode	222	0	0	2580	018_05:25:00
018_05:30:00	1	DFMS	Flight sequence	ARNS081B	0	0	10	018_05:30:10
018_05:30:10	0	DFMS	Mode	1	0	0	120	018_05:32:10
<b>WOL 0543-0643h</b>								
018_06:43:00	1	DFMS	Mode	222	0	11	31680	018_15:31:00
018_06:45:00	1	RTOF	Mode	523	15	3	26440	018_14:05:40
018_14:05:40	0	RTOF	Mode	523	14	0	6200	018_15:49:00
018_15:45:00	1	DFMS	Flight sequence	ARNS081B	0	0	10	018_15:45:10
018_15:45:10	0	DFMS	Mode	1	0	0	120	018_15:47:10
<b>WOL 1550-1650h</b>								
018_16:50:00	1	DFMS	Mode	260	0	10	10224	018_19:40:24
018_16:55:00	1	RTOF	Mode	523	15	3	26440	019_00:15:40
018_19:40:24	0	DFMS	Mode	260	0	11	10368	018_22:33:12
018_22:33:12	0	DFMS	Mode	222	0	3	10320	019_01:25:12
019_00:15:40	0	RTOF	Mode	183	2	0	740	019_00:28:00

019_00:28:00	0	RTOF	Mode	523	11	0	4970	019_01:50:50
019_01:45:28	1	DFMS	Flight sequence	ARNS081B	0	0	10	019_01:45:38
019_01:45:38	0	DFMS	Mode	1	0	0	120	019_01:47:38
<i>WOL 0156-0256h</i>								
019_02:56:00	1	DFMS	Mode	242	0	2	6250	019_04:40:10
019_02:58:00	1	RTOF	Mode	523	15	1	13220	019_06:38:20
019_04:40:10	0	DFMS	Mode	260	0	1	1728	019_05:08:58
019_06:45:48	1	DFMS	Flight sequence	ARNS081B	0	0	10	019_06:45:58
019_06:45:58	0	DFMS	Mode	1	0	0	120	019_06:47:58
<i>WOL 0659-0759h</i>								
019_07:59:00	1	DFMS	Mode	222	0	11	31680	019_16:47:00
019_08:00:00	1	RTOF	Mode	523	10	6	31920	019_16:52:00
019_16:47:00	0	DFMS	Mode	220	0	0	1194	019_17:06:54
019_17:06:54	0	DFMS	Flight sequence	ARNS081B	0	0	10	019_17:07:04
019_17:07:04	0	DFMS	Mode	1	0	0	120	019_17:09:04
<i>WOL 1706-1806</i>								
019_18:06:00	1	DFMS	Mode	222	0	11	31680	020_02:54:00
019_18:08:00	1	RTOF	Mode	523	10	6	31920	020_03:00:00
020_02:58:00	1	DFMS	Flight sequence	ARNS081B	0	0	10	020_02:58:10
020_02:58:10	0	DFMS	Mode	1	0	0	120	020_03:00:10
<i>WOL 0312-0412h</i>								
020_04:12:00	1	DFMS	Mode	222	0	11	31680	020_13:00:00
020_04:14:00	1	RTOF	Mode	523	15	3	26440	020_11:34:40
020_13:00:00	0	DFMS	Flight sequence	ARNS081B	0	0	10	020_13:00:10
020_13:00:10	0	DFMS	Mode	1	0	0	120	020_13:02:10
<i>WOL 1318-1418h</i>								
020_14:18:00	1	DFMS	Mode	215	0	10	10104	020_17:06:24
020_14:20:00	1	RTOF	Mode	523	15	3	26440	020_21:40:40
020_17:06:24	0	DFMS	Mode	242	0	5	11520	020_20:18:24
020_23:12:00	1	ROSINA	Flight sequence	ZRNP2002	0	0	240	020_23:16:00
020_23:16:00	0	DFMS	Flight sequence	ARNF014B	0	0	125	020_23:18:05
020_23:18:05	0	RTOF	Flight sequence	ARNF014A	0	0	120	020_23:20:05
020_23:20:05	0	COPS	Flight sequence	ARNF011A	0	0	210	020_23:23:35

## STP040

Start time	Set Time	Instrument	Mode/Sequence	Mode/Sequence number	Cycle number	Repetition	Duration [s]	Stop time
MOCM -0415h								

021_04:10:00				<b>Set RTOF M523 integration = 400s</b>					
021_04:11:00				<b>Set DFMS new mode tables (1030, 232, 242)</b>					
021_04:12:00				<b>Set RTOF M521 integration = 400s</b>					
021_04:15:00	1	COPS	Flight sequence	ARNF015A	0	0	120	021_04:17:00	
021_04:17:00	0	COPS	Mode	332	1	0	60	021_04:18:00	
021_04:18:00	0	DFMS	Flight sequence	ARNF003A	0	0	120	021_04:20:00	
021_04:20:00	0	DFMS	Mode	222	0	5	17100	021_09:05:00	
021_04:21:00	0	RTOF	Flight sequence	ARNS041A_RTOF	25	0	60	021_04:22:00	
021_04:22:00	0	RTOF	Flight sequence	ARNF004A	25	0	120	021_04:24:00	
021_04:24:00	0	RTOF	Mode	523	10	3	18910	021_09:39:10	
021_09:05:00	0	DFMS	Mode	502	0	0	1280	021_09:26:20	
021_09:38:20	1	DFMS	Flight sequence	ARNS081B	0	0	10	021_09:38:30	
021_09:38:30	0	DFMS	Mode	1	0	0	120	021_09:40:30	
WOL 0942-1042h									
021_10:42:00	1	DFMS	Mode	222	0	0	3300	021_11:37:00	
021_10:44:00	1	RTOF	Mode	523	15	4	33050	021_19:54:50	
021_11:37:00	0	DFMS	Mode	242	0	7	15200	021_15:50:20	
021_19:50:00	1	DFMS	Flight sequence	ARNS081B	0	0	10	021_19:50:10	
021_19:50:10	0	DFMS	Mode	1	0	0	120	021_19:52:10	
WOL 1959-2059h									
021_20:59:00	1	DFMS	Mode	215	0	9	9240	021_23:33:00	
021_21:01:00	1	RTOF	Mode	523	15	4	33050	022_06:11:50	
021_23:33:00	0	DFMS	Mode	222	0	8	23340	022_06:02:00	
022_06:10:00	1	DFMS	Flight sequence	ARNS081B	0	0	10	022_06:10:10	
022_06:10:10	0	DFMS	Mode	1	0	0	120	022_06:12:10	
WOL0616-0716hh									
022_07:16:00	1	DFMS	Mode	242	0	8	17650	022_12:10:10	
022_07:18:00	1	RTOF	Mode	523	15	4	33050	022_16:28:50	
022_16:30:00	1	DFMS	Flight sequence	ARNS081B	0	0	10	022_16:30:10	
022_16:30:10	0	DFMS	Mode	1	0	0	120	022_16:32:10	
WOL 1633-1733hh									
022_17:33:00	1	DFMS	Mode	222	0	11	31680	023_02:21:00	
022_17:35:00	1	RTOF	Mode	523	15	4	33050	023_02:45:50	
023_02:40:00	1	DFMS	Flight sequence	ARNS081B	0	0	10	023_02:40:10	
023_02:40:10	0	DFMS	Mode	1	0	0	120	023_02:42:10	
WOL 0250-0350h									
023_03:50:00	1	DFMS	Mode	242	0	7	15750	023_08:12:30	
023_03:52:00	1	RTOF	Mode	523	15	4	33050	023_13:02:50	
023_08:12:30	0	DFMS	Mode	502	0	1	2560	023_08:55:10	
023_08:55:10	0	DFMS	Mode	260	0	0	864	023_09:09:34	

023_13:04:04	1	DFMS	Flight sequence	ARNS081B	0	0	10	023_13:04:14
023_13:04:14	0	DFMS	Mode	1	0	0	120	023_13:06:14
WOL 13:07-14:07h								
023_14:07:00	1	DFMS	Mode	572	0	10	14800	023_18:13:40
023_14:09:00	1	RTOF	Mode	523	14	4	31000	023_22:45:40
023_18:13:40	0	DFMS	Mode	222	0	5	15480	023_22:31:40
023_22:31:40	0	DFMS	Mode	502	0	0	1280	023_22:53:00
023_23:10:20	1	ROSINA	Flight sequence	ZRNP2002	0	0	240	023_23:14:20
023_23:14:20	0	DFMS	Flight sequence	ARNF014B	0	0	125	023_23:16:25
023_23:16:25	0	RTOF	Flight sequence	ARNF014A	0	0	120	023_23:18:25
023_23:18:25	0	COPS	Flight sequence	ARNF011A	0	0	210	023_23:21:55
MOCM 2325-0415h								
024_04:15:00	1	COPS	Flight sequence	ARNF015A	0	0	120	024_04:17:00
024_04:17:00	0	COPS	Mode	332	1	0	60	024_04:18:00
024_04:18:00	0	DFMS	Flight sequence	ARNF003A	0	0	120	024_04:20:00
024_04:20:00	0	DFMS	Mode	222	0	2	8460	024_06:41:00
024_04:21:00	0	RTOF	Flight sequence	ARNS041A_RTOF	25	0	60	024_04:22:00
024_04:22:00	0	RTOF	Flight sequence	ARNF004A	25	0	120	024_04:24:00
024_04:24:00	0	RTOF	Mode	523	15	1	13940	024_08:16:20
024_06:41:00	0	DFMS	Mode	572	0	6	8960	024_09:10:20
024_08:16:20	0	RTOF	Mode	523	9	0	4150	024_09:25:30
024_09:20:20	1	DFMS	Flight sequence	ARNS081B	0	0	10	024_09:20:30
024_09:20:30	0	DFMS	Mode	1	0	0	120	024_09:22:30
WOL 0931-1031h								
024_10:31:00	1	DFMS	Mode	222	0	11	31680	024_19:19:00
024_10:33:00	1	RTOF	Mode	523	14	4	31000	024_19:09:40
024_19:25:00	1	DFMS	Flight sequence	ARNS081B	0	0	10	024_19:25:10
024_19:25:10	0	DFMS	Mode	1	0	0	120	024_19:27:10
WOL 1937-2037h								
024_20:37:00	1	DFMS	Mode	215	0	10	10104	024_23:25:24
024_20:39:00	1	RTOF	Mode	523	14	4	31000	025_05:15:40
024_23:25:24	0	DFMS	Mode	215	0	10	9504	025_02:03:48
025_02:03:48	0	DFMS	Mode	215	0	10	9504	025_04:42:12
025_04:42:12	0	DFMS	Mode	262	0	0	3000	025_05:32:12
025_05:15:40	0	RTOF	Mode	523	2	0	1280	025_05:37:00
025_05:40:00	1	DFMS	Flight sequence	ARNS081B	0	0	10	025_05:40:10
025_05:40:10	0	DFMS	Mode	1	0	0	120	025_05:42:10
WOL 0543-0643h								
025_06:43:00	1	DFMS	Mode	222	0	0	3300	025_07:38:00
025_06:45:00	1	RTOF	Mode	523	14	4	31000	025_15:21:40

025_07:38:00	0	DFMS	Mode	242	0	5	11400	025_10:48:00
025_10:48:00	0	DFMS	Mode	222	0	1	5160	025_12:14:00
025_12:14:00	0	DFMS	Mode	260	0	1	1728	025_12:42:48
025_15:21:40	0	RTOF	Mode	523	2	0	1280	025_15:43:00
025_15:45:00	1	DFMS	Flight sequence	ARNS081B	0	0	10	025_15:45:10
025_15:45:10	0	DFMS	Mode	1	0	0	120	025_15:47:10
WOL 1550-1650h								
025_16:50:00	1	DFMS	Mode	222	0	11	31680	026_01:38:00
025_16:52:00	1	RTOF	Mode	523	12	5	32280	026_01:50:00
026_01:38:00	0	DFMS	Mode	500	0	0	660	026_01:49:00
026_01:50:00	1	DFMS	Flight sequence	ARNS081B	0	0	10	026_01:50:10
026_01:50:10	0	DFMS	Mode	1	0	0	120	026_01:52:10
WOL 0156-0256h								
026_02:56:00	1	DFMS	Mode	322	0	0	9420	026_05:33:00
026_02:58:00	1	RTOF	Mode	523	15	1	13220	026_06:38:20
026_05:33:00	0	DFMS	Mode	215	0	4	4440	026_06:47:00
026_06:52:00	1	DFMS	Flight sequence	ARNS081B	0	0	10	026_06:52:10
026_06:52:10	0	DFMS	Mode	1	0	0	120	026_06:54:10
WOL 0659-0759h								
026_07:59:00	1	DFMS	Mode	222	0	11	31680	026_16:47:00
026_08:01:00	1	RTOF	Mode	553	15	8	30690	026_16:32:30
026_16:32:30	0	RTOF	Mode	553	8	0	1940	026_17:04:50
026_16:55:00	1	DFMS	Flight sequence	ARNS081B	0	0	10	026_16:55:10
026_16:55:10	0	DFMS	Mode	1	0	0	120	026_16:57:10
WOL 1706-1806h								
026_18:06:00	1	DFMS	Mode	222	0	11	31680	027_02:54:00
026_18:08:00	1	RTOF	Mode	523	15	3	26440	027_01:28:40
027_01:28:40	0	RTOF	Mode	523	14	0	6200	027_03:12:00
027_03:00:00	1	DFMS	Flight sequence	ARNS081B	0	0	10	027_03:00:10
027_03:00:10	0	DFMS	Mode	1	0	0	120	027_03:02:10
WOL 0312-0412h								
027_04:12:00	1	DFMS	Mode	242	0	5	11950	027_07:31:10
027_04:14:00	1	RTOF	Mode	523	12	5	32280	027_13:12:00
027_07:31:10	0	DFMS	Mode	222	0	2	7740	027_09:40:10
027_09:40:10	0	DFMS	Mode	220	0	1	2388	027_10:19:58
027_13:15:00	1	DFMS	Flight sequence	ARNS081B	0	0	10	027_13:15:10
027_13:15:10	0	DFMS	Mode	1	0	0	120	027_13:17:10
WOL 1318-1418h								
027_14:18:00	1	DFMS	Mode	222	0	11	31680	027_23:06:00
027_14:20:00	1	RTOF	Mode	523	13	3	23160	027_20:46:00

027_20:46:00	0	RTOF	Mode	523	15	0	6610	027_22:36:10
027_22:36:10	0	RTOF	Mode	183	3	0	950	027_22:52:00
027_23:06:00	0	ROSINA	Flight sequence	ZRNP2002	0	0	240	027_23:10:00
027_23:10:00	0	DFMS	Flight sequence	ARNF014B	0	0	125	027_23:12:05
027_23:12:05	0	RTOF	Flight sequence	ARNF014A	0	0	120	027_23:14:05
027_23:14:05	0	COPS	Flight sequence	ARNF011A	0	0	210	027_23:17:35

## STP041

Start time	Set Time	Instrument	Mode/Sequence	Mode/Sequence number	Cycle number	Repetition	Duration [s]	Stop time
<b>MOCM 23:25 =&gt; 04:15</b>								
028_04:15:00	1	COPS	Flight sequence	ARNF015A	0	0	120	028_04:17:00
028_04:17:00	0	COPS	Mode	332	1	0	60	028_04:18:00
028_04:18:00		<b>Set DFMS new mode tables</b>						
028_04:23:00	1	DFMS	Flight sequence	ARNF003A	0	0	120	028_04:25:00
028_04:25:00	0	DFMS	Mode	222	0	5	17100	028_09:10:00
028_04:26:00		<b>Set RTOF M523 integration = 400s</b>						
028_04:27:00		<b>Set RTOF M521 integration = 400s</b>						
028_04:31:00	1	RTOF	Flight sequence	ARNF004A	0	0	120	028_04:33:00
028_04:33:00	1	RTOF	Mode	521	15	0	7280	028_06:34:20
028_06:35:00		<b>Set RTOF ETS THD Level = 0</b>						
028_06:36:00	1	RTOF	Mode	521	0	0	460	028_06:43:40
028_06:45:00		<b>Set RTOF ETS THD Level = 1</b>						
028_06:46:00	1	RTOF	Mode	521	0	0	460	028_06:53:40
028_06:55:00		<b>Set RTOF ETS THD Level = 2</b>						
028_06:56:04	1	RTOF	Mode	521	0	0	460	028_07:03:44
028_07:05:00		<b>Set RTOF ETS THD Level = 3</b>						
028_07:06:00	1	RTOF	Mode	521	0	0	460	028_07:13:40
028_07:15:00		<b>Set RTOF ETS THD Level = 4 (default)</b>						
028_07:16:00	1	RTOF	Mode	521	0	0	460	028_07:23:40
028_07:25:00		<b>Set RTOF ETS THD Level = 5</b>						
028_07:26:00	1	RTOF	Mode	521	0	0	460	028_07:33:40
028_07:35:00		<b>Set RTOF ETS THD Level = 6</b>						
028_07:36:00	1	RTOF	Mode	521	0	0	460	028_07:43:40
028_07:45:00		<b>Set RTOF ETS THD Level = 7</b>						
028_07:46:00	1	RTOF	Mode	521	0	0	460	028_07:53:40
028_07:55:00		<b>Set RTOF ETS THD Level = 0</b>						
028_07:56:00	1	RTOF	Mode	521	0	0	460	028_08:03:40



028_08:05:00									<b>Set RTOF ETS THD Level = 1</b>
028_08:06:00	1	RTOF	Mode	521	0	0	460	028_08:13:40	
028_08:15:00									<b>Set RTOF ETS THD Level = 2</b>
028_08:16:00	1	RTOF	Mode	521	0	0	460	028_08:23:40	
028_08:25:00									<b>Set RTOF ETS THD Level = 3</b>
028_08:26:00	1	RTOF	Mode	521	0	0	460	028_08:33:40	
028_08:35:00									<b>Set RTOF ETS THD Level = 4 (default)</b>
028_08:36:00	1	RTOF	Mode	521	0	0	460	028_08:43:40	
028_08:45:00									<b>Set RTOF ETS THD Level = 5</b>
028_08:46:00	1	RTOF	Mode	521	0	0	460	028_08:53:40	
028_08:55:00									<b>Set RTOF ETS THD Level = 6</b>
028_08:56:00	1	RTOF	Mode	521	0	0	460	028_09:03:40	
028_09:05:00									<b>Set RTOF ETS THD Level = 7</b>
028_09:06:00	1	RTOF	Mode	521	0	0	460	028_09:13:40	
028_09:10:00	0	DFMS	Mode	260	0	1	1728	028_09:38:48	
028_09:15:00									<b>Set RTOF ETS THD Level = 4 (default)</b>
028_09:16:00	1	RTOF	Mode	521	0	0	460	028_09:23:40	
028_09:23:40	0	RTOF	Mode	1	0	0	240	028_09:27:40	
028_09:27:40	0	RTOF	Mode	523	0	0	1130	028_09:46:30	
028_09:39:00	1	DFMS	Flight sequence	ARNS081B	0	0	10	028_09:39:10	
028_09:39:10	0	DFMS	Mode	1	0	0	120	028_09:41:10	
<b>MWNV 09:42 =&gt; 10:42</b>									
028_10:42:00	1	DFMS	Mode	222	0	11	31680	028_19:30:00	
028_10:43:00	1	RTOF	Mode	523	15	0	6610	028_12:33:10	
028_12:35:00									<b>Set RTOF ETS THD Level = 0</b>
028_12:36:00	1	RTOF	Mode	523	0	0	460	028_12:43:40	
028_12:45:00									<b>Set RTOF ETS THD Level = 1</b>
028_12:46:00	1	RTOF	Mode	523	0	0	460	028_12:53:40	
028_12:55:00									<b>Set RTOF ETS THD Level = 2 (default)</b>
028_12:56:00	1	RTOF	Mode	523	0	0	460	028_13:03:40	
028_13:05:00									<b>Set RTOF ETS THD Level = 3</b>
028_13:06:00	1	RTOF	Mode	523	0	0	460	028_13:13:40	
028_13:15:00									<b>Set RTOF ETS THD Level = 4</b>
028_13:16:00	1	RTOF	Mode	523	0	0	460	028_13:23:40	
028_13:25:00									<b>Set RTOF ETS THD Level = 5</b>
028_13:26:00	1	RTOF	Mode	523	0	0	460	028_13:33:40	
028_13:35:00									<b>Set RTOF ETS THD Level = 6</b>
028_13:36:00	1	RTOF	Mode	523	0	0	460	028_13:43:40	
028_13:45:00									<b>Set RTOF ETS THD Level = 7</b>
028_13:46:04	1	RTOF	Mode	523	0	0	460	028_13:53:48	

028_13:55:00			<b>Set RTOF ETSL THD Level = 0</b>					
028_13:56:00	1	RTOF	Mode	523	0	0	460	028_14:03:40
028_14:05:00			<b>Set RTOF ETSL THD Level = 1</b>					
028_14:06:00	1	RTOF	Mode	523	0	0	460	028_14:13:40
028_14:15:00			<b>Set RTOF ETSL THD Level = 2 (default)</b>					
028_14:16:00	1	RTOF	Mode	523	0	0	460	028_14:23:40
028_14:25:00			<b>Set RTOF ETSL THD Level = 3</b>					
028_14:26:00	1	RTOF	Mode	523	0	0	460	028_14:33:40
028_14:35:00			<b>Set RTOF ETSL THD Level = 4</b>					
028_14:36:00	1	RTOF	Mode	523	0	0	460	028_14:43:40
028_14:45:00			<b>Set RTOF ETSL THD Level = 5</b>					
028_14:46:00	1	RTOF	Mode	523	0	0	460	028_14:53:40
028_14:55:00			<b>Set RTOF ETSL THD Level = 6</b>					
028_14:56:00	1	RTOF	Mode	523	0	0	460	028_15:03:40
028_15:05:00			<b>Set RTOF ETSL THD Level = 7</b>					
028_15:06:00	1	RTOF	Mode	523	0	0	460	028_15:13:40
028_15:15:00			<b>Set RTOF ETSL THD Level = 2 (default)</b>					
028_15:16:00	1	RTOF	Mode	523	15	1	13220	028_18:56:20
028_18:56:20	0	RTOF	Mode	523	8	0	3740	028_19:58:40
028_19:30:00	0	DFMS	Mode	260	0	0	864	028_19:44:24
028_19:56:00	1	DFMS	Flight sequence	ARNS081B	0	0	10	028_19:56:10
028_19:56:10	0	DFMS	Mode	1	0	0	120	028_19:58:10
<b>MWNV 19:59 =&gt; 20:59</b>								
028_20:59:00	1	DFMS	Mode	242	0	2	6250	028_22:43:10
028_21:00:00	1	RTOF	Mode	523	15	4	33050	029_06:10:50
028_22:43:10	0	DFMS	Mode	222	0	9	25800	029_05:53:10
029_05:53:10	0	DFMS	Mode	260	0	0	864	029_06:07:34
029_06:13:00	1	DFMS	Flight sequence	ARNS081B	0	0	10	029_06:13:10
029_06:13:10	0	DFMS	Mode	1	0	0	120	029_06:15:10
<b>MWNV 06:16 =&gt; 07:16</b>								
029_07:16:00	1	DFMS	Mode	222	0	11	31680	029_16:04:00
029_07:17:00	1	RTOF	Mode	523	15	4	33050	029_16:27:50
029_16:04:00	0	DFMS	Mode	260	0	0	864	029_16:18:24
029_16:30:00	1	DFMS	Flight sequence	ARNS081B	0	0	10	029_16:30:10
029_16:30:10	0	DFMS	Mode	1	0	0	120	029_16:32:10
<b>MWNV 16:33 =&gt; 17:33</b>								
029_17:33:00	1	RTOF	Mode	523	15	4	33050	030_02:43:50
029_17:34:00	1	DFMS	Mode	217	0	0	4452	029_18:48:12
029_18:48:12	0	DFMS	Mode	215	0	11	10368	029_21:41:00
029_21:41:00	0	DFMS	Mode	217	0	0	3732	029_22:43:12

029_22:43:12	0	DFMS	Mode	215	0	11	10368	030_01:36:00
030_01:36:00	0	DFMS	Mode	217	0	0	3732	030_02:38:12
030_02:47:00	1	DFMS	Flight sequence	ARNS081B	0	0	10	030_02:47:10
030_02:47:10	0	DFMS	Mode	1	0	0	120	030_02:49:10
<b>MWNV 02:50 =&gt; 03:50</b>								
030_03:50:00	1	DFMS	Mode	222	0	11	31680	030_12:38:00
030_03:51:00	1	RTOF	Mode	523	15	4	33050	030_13:01:50
030_12:38:00	0	DFMS	Mode	260	0	0	864	030_12:52:24
030_13:04:00	1	DFMS	Flight sequence	ARNS081B	0	0	10	030_13:04:10
030_13:04:10	0	DFMS	Mode	1	0	0	120	030_13:06:10
<b>MWNV 13:07 =&gt; 14:07</b>								
030_14:07:00	1	DFMS	Mode	242	0	2	6250	030_15:51:10
030_14:08:00	1	RTOF	Mode	523	12	5	32280	030_23:06:00
030_15:51:10	0	DFMS	Mode	222	0	9	25800	030_23:01:10
030_23:10:00	1	ROSINA	Flight sequence	ZRNP2002	0	0	240	030_23:14:00
030_23:14:00	0	RTOF	Flight sequence	ARNF014A	0	0	120	030_23:16:00
030_23:16:00	0	DFMS	Flight sequence	ARNF014B	0	0	125	030_23:18:05
030_23:18:05	0	COPS	Flight sequence	ARNF011A	0	0	210	030_23:21:35
<b>MOCM 23:25 =&gt; 04:15</b>								
031_04:15:00	1	COPS	Flight sequence	ARNF015A	0	0	120	031_04:17:00
031_04:17:00	0	COPS	Mode	332	1	0	60	031_04:18:00
031_04:18:00	0	DFMS	Flight sequence	ARNF003A	0	0	120	031_04:20:00
031_04:20:00	0	DFMS	Mode	222	0	5	16200	031_08:50:00
031_04:21:00	0	RTOF	Flight sequence	ARNF004A	0	0	120	031_04:23:00
031_04:23:00	0	RTOF	Mode	523	15	1	13940	031_08:15:20
031_08:15:20	0	RTOF	Mode	523	9	0	4150	031_09:24:30
031_08:50:00	0	DFMS	Mode	260	0	1	1728	031_09:18:48
031_09:24:30	0	RTOF	Mode	1	0	0	240	031_09:28:30
031_09:28:00	1	DFMS	Flight sequence	ARNS081B	0	0	10	031_09:28:10
031_09:28:10	0	DFMS	Mode	1	0	0	120	031_09:30:10
031_09:28:30	0	RTOF	Flight sequence	ARNF014A	0	0	120	031_09:30:30
<b>MWNV 09:31 =&gt; 10:31</b>								
031_10:31:00	1	DFMS	Flight sequence	ARNS041A_DFMS	1	0	60	031_10:32:00
031_10:32:00	0	DFMS	Mode	502	0	0	2010	031_11:05:30
031_11:05:30	0	DFMS	Mode	232	0	0	1910	031_11:37:20
031_11:37:20	0	DFMS	Mode	502	0	0	1290	031_11:58:50
031_11:58:50	0	DFMS	Mode	232	0	0	1910	031_12:30:40
031_12:30:40	0	DFMS	Mode	502	0	0	1290	031_12:52:10
031_12:52:10	0	DFMS	Mode	232	0	0	1910	031_13:24:00
031_13:24:00	0	DFMS	Mode	502	0	0	1290	031_13:45:30

DFMS  
COMPR.  
TEST

031_13:45:30	0	DFMS	Mode	232	0	0	1910	031_14:17:20
031_14:17:20	0	DFMS	Mode	502	0	0	1290	031_14:38:50
031_14:38:50	0	DFMS	Mode	232	0	0	1910	031_15:10:40
031_15:10:40	0	DFMS	Mode	502	0	0	1290	031_15:32:10
031_15:32:10	0	DFMS	Mode	232	0	0	1910	031_16:04:00
031_16:04:00	0	DFMS	Mode	502	0	0	1290	031_16:25:30
031_16:25:30	0	DFMS	Mode	232	0	0	1910	031_16:57:20
031_16:57:20	0	DFMS	Mode	502	0	0	1290	031_17:18:50
031_17:18:50	0	DFMS	Mode	232	0	0	1910	031_17:50:40
031_17:50:40	0	DFMS	Mode	502	0	0	1290	031_18:12:10
031_18:12:10	0	DFMS	Mode	232	0	0	1910	031_18:44:00
031_18:44:00	0	DFMS	Mode	502	0	0	1290	031_19:05:30
031_19:14:00	1	DFMS	Flight sequence	ARNS081B	0	0	10	031_19:14:10
031_19:15:00	1	DFMS	Flight sequence	ARNS041A_DFMS	0	0	60	031_19:16:00
031_19:16:00	0	DFMS	Mode	260	0	0	864	031_19:30:24
031_19:17:00	0	RTOF	Flight sequence	ARNF004A	0	0	120	031_19:19:00
031_19:19:00	0	RTOF	Mode	523	0	0	1130	031_19:37:50
031_19:34:00	1	DFMS	Flight sequence	ARNS081B	0	0	10	031_19:34:10
031_19:34:10	0	DFMS	Mode	1	0	0	120	031_19:36:10
<b>MWNV 19:37 =&gt; 20:37</b>								
031_20:37:00	1	RTOF	Mode	523	15	3	26440	032_03:57:40
031_20:38:00	1	DFMS	Mode	217	0	0	4452	031_21:52:12
031_21:52:12	0	DFMS	Mode	215	0	11	10368	032_00:45:00
032_00:45:00	0	DFMS	Mode	217	0	0	3732	032_01:47:12
032_01:47:12	0	DFMS	Mode	215	0	10	9504	032_04:25:36
032_03:57:40	0	RTOF	Mode	523	14	0	6200	032_05:41:00
032_04:25:36	0	DFMS	Mode	217	0	0	3732	032_05:27:48
032_05:40:00	1	DFMS	Flight sequence	ARNS081B	0	0	10	032_05:40:10
032_05:40:10	0	DFMS	Mode	1	0	0	120	032_05:42:10
<b>MWNV 05:43 =&gt; 06:43</b>								
032_06:43:00	1	DFMS	Mode	242	0	2	6250	032_08:27:10
032_06:44:00	1	RTOF	Mode	523	15	3	26440	032_14:04:40
032_08:27:10	0	DFMS	Mode	222	0	9	25800	032_15:37:10
032_14:04:40	0	RTOF	Mode	523	14	0	6200	032_15:48:00
032_15:47:00	1	DFMS	Flight sequence	ARNS081B	0	0	10	032_15:47:10
032_15:47:10	0	DFMS	Mode	1	0	0	120	032_15:49:10
<b>MWNV 15:50 =&gt; 16:50</b>								
032_16:50:00	1	RTOF	Mode	523	11	5	29820	033_01:07:00
032_16:51:00	1	DFMS	Mode	222	0	10	29100	033_00:56:00
033_00:56:00	0	DFMS	Mode	260	0	0	864	033_01:10:24



033_01:12:00	1	DFMS	Flight sequence	ARNS081B	0	0	10	033_01:12:10
033_01:12:10	0	DFMS	Mode	1	0	0	120	033_01:14:10
<b>MWNV 01:15 =&gt; 04:15</b>								
033_04:15:00	1	DFMS	Mode	572	0	17	23760	033_10:51:00
033_04:15:04	1	RTOF	Mode	523	15	6	46270	033_17:06:14
033_10:51:00	0	DFMS	Mode	222	0	7	20640	033_16:35:00
033_16:35:00	0	DFMS	Mode	260	0	0	864	033_16:49:24
033_17:03:00	1	DFMS	Flight sequence	ARNS081B	0	0	10	033_17:03:10
033_17:03:10	0	DFMS	Mode	1	0	0	120	033_17:05:10
<b>MWNV 17:06 =&gt; 18:06</b>								
033_18:06:00	1	DFMS	Mode	222	0	11	31680	034_02:54:00
033_18:07:04	1	RTOF	Mode	523	12	5	32280	034_03:05:04
034_03:09:00	1	DFMS	Flight sequence	ARNS081B	0	0	10	034_03:09:10
034_03:09:10	0	DFMS	Mode	1	0	0	120	034_03:11:10
<b>MWNV 03:12 =&gt; 04:12</b>								
034_04:12:00	1	DFMS	Mode	242	0	2	6250	034_05:56:10
034_04:13:00	1	RTOF	Mode	523	15	3	26440	034_11:33:40
034_05:56:10	0	DFMS	Mode	222	0	9	25800	034_13:06:10
034_11:33:40	0	RTOF	Mode	523	14	0	6200	034_13:17:00
034_13:15:00	1	DFMS	Flight sequence	ARNS081B	0	0	10	034_13:15:10
034_13:15:10	0	DFMS	Mode	1	0	0	120	034_13:17:10
<b>MWNV 13:18 =&gt; 14:18</b>								
034_14:18:00	1	DFMS	Mode	222	0	4	13620	034_18:05:00
034_14:19:00	1	RTOF	Mode	523	10	6	31920	034_23:11:00
034_18:04:00	1	COPS	Flight sequence	ARNF016A	0	0	60	034_18:05:00
034_18:05:00	0	DFMS	Mode	600	0	0	4600	034_19:21:40
034_19:21:40	0	DFMS	Mode	601	0	0	4600	034_20:38:20
034_20:38:20	0	DFMS	Mode	602	0	0	4600	034_21:55:00
034_21:55:04	1	DFMS	Mode	600	0	0	4600	034_23:11:44
034_23:12:00	1	COPS	Flight sequence	ARNF016B	0	0	60	034_23:13:00
034_23:13:00	0	ROSINA	Flight sequence	ZRNP2002	0	0	240	034_23:17:00
034_23:17:00	0	DFMS	Flight sequence	ARNF014B	0	0	125	034_23:19:05
034_23:19:05	0	RTOF	Flight sequence	ARNF014A	0	0	120	034_23:21:05
034_23:21:05	0	COPS	Flight sequence	ARNF011A	0	0	210	034_23:24:35
<b>MOCM 23:25 =&gt; 02:35</b>								

## STP042

Start time	Set Time	Instrument	Mode/Sequence	Mode/Sequence number	Cycle number	Repetition	Duration [s]	Stop time
<b>MOCM 23:25 - 02:35</b>								
035_02:30	Manually => set RTOF M523 integration = 400 s							
035_02:31	Manually => set RTOF M521 integration = 400 s							
035_02:32	Manually => set DFMS M1030 table							
035_02:33	Manually => set DFMS M232 table							
035_02:34	Manually => set DFMS M242 table							
035_02:35:00	1	COPS	Flight sequence	ARNF015A	0	0	120	035_02:37:00
035_02:37:00	0	COPS	Mode	332	1	0	60	035_02:38:00
035_02:38:00	0	DFMS	Flight sequence	ARNF003A	0	0	120	035_02:40:00
035_02:40:00	0	DFMS	Mode	502	0	0	2400	035_03:20:00
035_03:20:00	0	DFMS	Mode	232	0	0	1900	035_03:51:40
035_03:51:40	0	DFMS	Mode	502	0	0	1280	035_04:13:00
035_04:13:00	0	DFMS	Mode	232	0	0	1900	035_04:44:40
035_04:44:40	0	DFMS	Mode	502	0	0	1280	035_05:06:00
035_05:06:00	0	DFMS	Mode	232	0	0	1900	035_05:37:40
035_05:37:40	0	DFMS	Mode	502	0	0	1280	035_05:59:00
035_05:59:00	0	DFMS	Mode	232	0	0	1900	035_06:30:40
035_06:30:40	0	DFMS	Mode	502	0	0	1280	035_06:52:00
035_06:52:00	0	DFMS	Mode	232	0	0	1900	035_07:23:40
035_07:23:40	0	DFMS	Mode	502	0	0	1280	035_07:45:00
035_07:45:00	0	DFMS	Mode	232	0	0	1900	035_08:16:40
035_08:16:40	0	DFMS	Mode	502	0	0	1280	035_08:38:00
035_08:38:00	0	DFMS	Mode	232	0	0	1900	035_09:09:40
035_09:09:40	0	DFMS	Mode	502	0	0	1280	035_09:31:00
035_09:37:00	1	DFMS	Flight sequence	ARNS081B	0	0	10	035_09:37:10
035_09:37:10	0	DFMS	Mode	1	0	0	120	035_09:39:10
<b>MWNV 09:42 - 10:42</b>								
035_10:42:00	1	DFMS	Mode	502	0	0	2000	035_11:15:20
035_11:15:20	0	DFMS	Mode	232	0	0	1900	035_11:47:00
035_11:47:00	0	DFMS	Mode	502	0	0	1280	035_12:08:20
035_12:08:20	0	DFMS	Mode	232	0	0	1900	035_12:40:00
035_12:40:00	0	DFMS	Mode	502	0	0	1280	035_13:01:20
035_13:01:20	0	DFMS	Mode	232	0	0	1900	035_13:33:00
035_13:33:00	0	DFMS	Mode	502	0	0	1280	035_13:54:20
035_13:54:20	0	DFMS	Mode	232	0	0	1900	035_14:26:00
035_14:26:00	0	DFMS	Mode	502	0	0	1280	035_14:47:20

035_14:47:20	0	DFMS	Mode	232	0	0	1900	035_15:19:00
035_15:19:00	0	DFMS	Mode	502	0	0	1280	035_15:40:20
035_15:40:20	0	DFMS	Mode	232	0	0	1900	035_16:12:00
035_16:12:00	0	DFMS	Mode	502	0	0	1280	035_16:33:20
035_16:33:20	0	DFMS	Mode	232	0	0	1900	035_17:05:00
035_17:05:00	0	DFMS	Mode	502	0	0	1280	035_17:26:20
035_17:26:20	0	DFMS	Mode	232	0	0	1900	035_17:58:00
035_17:58:00	0	DFMS	Mode	502	0	0	1280	035_18:19:20
035_18:19:20	0	DFMS	Mode	232	0	0	1900	035_18:51:00
035_18:51:00	0	DFMS	Mode	502	0	0	1280	035_19:12:20
035_19:12:20	0	DFMS	Mode	232	0	0	1900	035_19:44:00
035_19:54:00	1	DFMS	Flight sequence	ARNS081B	0	0	10	035_19:54:10
035_19:54:10	0	DFMS	Mode	1	0	0	120	035_19:56:10

**MWNV 19:59 - 20:59**

035_20:59:00	1	COPS	Mode	332	1	0	60	035_21:00:00
035_21:00:00	1	DFMS	Mode	502	0	0	2000	035_21:33:20
035_21:33:20	0	DFMS	Mode	232	0	0	1900	035_22:05:00
035_22:05:00	0	DFMS	Mode	502	0	0	1280	035_22:26:20
035_22:26:20	0	DFMS	Mode	232	0	0	1900	035_22:58:00
035_22:58:00	0	DFMS	Mode	502	0	0	1280	035_23:19:20
035_23:19:20	0	DFMS	Mode	232	0	0	1900	035_23:51:00
035_23:51:00	0	DFMS	Mode	502	0	0	1280	036_00:12:20
036_00:12:20	0	DFMS	Mode	232	0	0	1900	036_00:44:00
036_00:44:00	0	DFMS	Mode	502	0	0	1280	036_01:05:20
036_01:05:20	0	DFMS	Mode	232	0	0	1900	036_01:37:00
036_01:37:00	0	DFMS	Mode	502	0	0	1280	036_01:58:20
036_01:58:20	0	DFMS	Mode	232	0	0	1900	036_02:30:00
036_02:30:00	0	DFMS	Mode	502	0	0	1280	036_02:51:20
036_02:51:20	0	DFMS	Mode	232	0	0	1900	036_03:23:00
036_03:23:00	0	DFMS	Mode	502	0	0	1280	036_03:44:20
036_03:44:20	0	DFMS	Mode	232	0	0	1900	036_04:16:00
036_04:16:00	0	DFMS	Mode	502	0	0	1280	036_04:37:20
036_04:37:20	0	DFMS	Mode	232	0	0	1900	036_05:09:00
036_05:09:00	0	DFMS	Mode	502	0	0	1280	036_05:30:20
036_05:30:20	0	DFMS	Mode	232	0	0	1900	036_06:02:00
036_06:11:00	1	DFMS	Flight sequence	ARNS081B	0	0	10	036_06:11:10
036_06:11:10	0	DFMS	Mode	1	0	0	120	036_06:13:10

**MWNV 06:16 - 07:16**

036_07:16:00	1	DFMS	Mode	502	0	0	2000	036_07:49:20
036_07:49:20	0	DFMS	Mode	232	0	0	1900	036_08:21:00

036_08:21:00	0	DFMS	Mode	502	0	0	1280	036_08:42:20
036_08:42:20	0	DFMS	Mode	232	0	0	1900	036_09:14:00
036_09:14:00	0	DFMS	Mode	502	0	0	1280	036_09:35:20
036_09:35:20	0	DFMS	Mode	232	0	0	1900	036_10:07:00
036_10:07:00	0	DFMS	Mode	502	0	0	1280	036_10:28:20
036_10:28:20	0	DFMS	Mode	232	0	0	1900	036_11:00:00
036_11:00:00	0	DFMS	Mode	502	0	0	1280	036_11:21:20
036_11:21:20	0	DFMS	Mode	232	0	0	1900	036_11:53:00
036_11:53:00	0	DFMS	Mode	502	0	0	1280	036_12:14:20
036_12:14:20	0	DFMS	Mode	232	0	0	1900	036_12:46:00
036_12:46:00	0	DFMS	Mode	502	0	0	1280	036_13:07:20
036_13:07:20	0	DFMS	Mode	232	0	0	1900	036_13:39:00
036_13:39:00	0	DFMS	Mode	502	0	0	1280	036_14:00:20
036_14:00:20	0	DFMS	Mode	232	0	0	1900	036_14:32:00
036_14:32:00	0	DFMS	Mode	502	0	0	1280	036_14:53:20
036_14:53:20	0	DFMS	Mode	232	0	0	1900	036_15:25:00
036_15:25:00	0	DFMS	Mode	502	0	0	1280	036_15:46:20
036_15:46:20	0	DFMS	Mode	232	0	0	1900	036_16:18:00
036_16:28:00	1	DFMS	Flight sequence	ARNS081B	0	0	10	036_16:28:10
036_16:28:10	0	DFMS	Mode	1	0	0	120	036_16:30:10

**MWNV 16:33 - 17:33**

036_17:33:00	1	COPS	Mode	332	1	0	60	036_17:34:00
036_17:34:00	1	DFMS	Mode	502	0	0	2000	036_18:07:20
036_18:07:20	0	DFMS	Mode	232	0	0	1900	036_18:39:00
036_18:39:00	0	DFMS	Mode	502	0	0	1280	036_19:00:20
036_19:00:20	0	DFMS	Mode	232	0	0	1900	036_19:32:00
036_19:32:00	0	DFMS	Mode	502	0	0	1280	036_19:53:20
036_19:53:20	0	DFMS	Mode	232	0	0	1900	036_20:25:00
036_20:25:00	0	DFMS	Mode	502	0	0	1280	036_20:46:20
036_20:46:20	0	DFMS	Mode	232	0	0	1900	036_21:18:00
036_21:18:00	0	DFMS	Mode	502	0	0	1280	036_21:39:20
036_21:39:20	0	DFMS	Mode	232	0	0	1900	036_22:11:00
036_22:11:00	0	DFMS	Mode	502	0	0	1280	036_22:32:20
036_22:32:20	0	DFMS	Mode	232	0	0	1900	036_23:04:00
036_23:04:00	0	DFMS	Mode	502	0	0	1280	036_23:25:20
036_23:25:20	0	DFMS	Mode	232	0	0	1900	036_23:57:00
036_23:57:00	0	DFMS	Mode	502	0	0	1280	037_00:18:20
037_00:18:20	0	DFMS	Mode	232	0	0	1900	037_00:50:00
037_00:50:00	0	DFMS	Mode	502	0	0	1280	037_01:11:20
037_01:11:20	0	DFMS	Mode	232	0	0	1900	037_01:43:00



037_01:43:00	0	DFMS	Mode	502	0	0	1280	037_02:04:20
037_02:04:20	0	DFMS	Mode	232	0	0	1900	037_02:36:00
037_02:45:00	1	DFMS	Flight sequence	ARNS081B	0	0	10	037_02:45:10
037_02:45:10	0	DFMS	Mode	1	0	0	120	037_02:47:10
<b>MWNV 02:50 - 03:50</b>								
037_03:50:00	1	DFMS	Mode	502	0	0	2000	037_04:23:20
037_04:23:20	0	DFMS	Mode	232	0	0	1900	037_04:55:00
037_04:55:00	0	DFMS	Mode	502	0	0	1280	037_05:16:20
037_05:16:20	0	DFMS	Mode	232	0	0	1900	037_05:48:00
037_05:48:00	0	DFMS	Mode	502	0	0	1280	037_06:09:20
037_06:09:20	0	DFMS	Mode	232	0	0	1900	037_06:41:00
037_06:41:00	0	DFMS	Mode	502	0	0	1280	037_07:02:20
037_07:02:20	0	DFMS	Mode	232	0	0	1900	037_07:34:00
037_07:34:00	0	DFMS	Mode	502	0	0	1280	037_07:55:20
037_07:55:20	0	DFMS	Mode	232	0	0	1900	037_08:27:00
037_08:27:00	0	DFMS	Mode	502	0	0	1280	037_08:48:20
037_08:48:20	0	DFMS	Mode	232	0	0	1900	037_09:20:00
037_09:20:00	0	DFMS	Mode	502	0	0	1280	037_09:41:20
037_09:41:20	0	DFMS	Mode	232	0	0	1900	037_10:13:00
037_10:13:00	0	DFMS	Mode	502	0	0	1280	037_10:34:20
037_10:34:20	0	DFMS	Mode	232	0	0	1900	037_11:06:00
037_11:06:00	0	DFMS	Mode	502	0	0	1280	037_11:27:20
037_11:27:20	0	DFMS	Mode	232	0	0	1900	037_11:59:00
037_11:59:00	0	DFMS	Mode	502	0	0	1280	037_12:20:20
037_12:20:20	0	DFMS	Mode	232	0	0	1900	037_12:52:00
037_13:02:00	1	DFMS	Flight sequence	ARNS081B	0	0	10	037_13:02:10
037_13:02:10	0	DFMS	Mode	1	0	0	120	037_13:04:10
<b>MWNV 13:07 - 14:07</b>								
037_14:07:00	1	COPS	Mode	332	1	0	60	037_14:08:00
037_14:08:00	1	DFMS	Mode	502	0	0	2000	037_14:41:20
037_14:41:20	0	DFMS	Mode	232	0	0	1900	037_15:13:00
037_15:13:00	0	DFMS	Mode	502	0	0	1280	037_15:34:20
037_15:34:20	0	DFMS	Mode	232	0	0	1900	037_16:06:00
037_16:06:00	0	DFMS	Mode	502	0	0	1280	037_16:27:20
037_16:27:20	0	DFMS	Mode	232	0	0	1900	037_16:59:00
037_16:59:00	0	DFMS	Mode	502	0	0	1280	037_17:20:20
037_17:20:20	0	DFMS	Mode	232	0	0	1900	037_17:52:00
037_17:52:00	0	DFMS	Mode	502	0	0	1280	037_18:13:20
037_18:13:20	0	DFMS	Mode	232	0	0	1900	037_18:45:00
037_18:45:00	0	DFMS	Mode	502	0	0	1280	037_19:06:20

037_19:06:20	0	DFMS	Mode	232	0	0	1900	037_19:38:00
037_19:38:00	0	DFMS	Mode	502	0	0	1280	037_19:59:20
037_19:59:20	0	DFMS	Mode	232	0	0	1900	037_20:31:00
037_20:31:00	0	DFMS	Mode	502	0	0	1280	037_20:52:20
037_20:52:20	0	DFMS	Mode	232	0	0	1900	037_21:24:00
037_21:24:00	0	DFMS	Mode	502	0	0	1280	037_21:45:20
037_21:45:20	0	DFMS	Mode	232	0	0	1900	037_22:17:00
037_22:17:00	0	DFMS	Mode	502	0	0	1280	037_22:38:20
037_22:38:20	0	DFMS	Mode	232	0	0	1900	037_23:10:00
037_23:10:00	0	DFMS	Flight sequence	ARNS081B	0	0	10	037_23:10:10
037_23:10:10	0	DFMS	Mode	1	0	0	120	037_23:12:10
037_23:12:10	0	DFMS	Flight sequence	ARNF014B	0	0	125	037_23:14:15
037_23:14:15	0	COPS	Flight sequence	ARNF011A	0	0	210	037_23:17:45

**MOCM 23:25 - 04:15**

## STP043

Start time	Set Time	Instrument	Mode/Sequence	Mode/Sequence number	Cycle number	Repetition	Duration [s]	Stop time
<b>MOCM 23:25 =&gt; 02:35</b>								
042_02:35:00	1	COPS	Flight sequence	ARNF015A	0	0	120	042_02:37:00
042_02:37:00	0	COPS	Mode	332	1	0	60	042_02:38:00
042_02:38:00			<b>Set DFMS new mode tables</b>					
042_02:41:00			<b>Set RTOF M523 integration = 400s</b>					
042_02:42:00			<b>Set RTOF M521 integration = 400s</b>					
042_02:43:00	1	DFMS	Flight sequence	ARNF003A	0	0	120	042_02:45:00
042_02:45:00	0	DFMS	Mode	502	0	17	24160	042_09:27:40
042_02:46:00	0	RTOF	Flight sequence	ARNF004A	0	0	120	042_02:48:00
042_02:48:00	0	RTOF	Mode	523	15	2	20500	042_08:29:40
042_08:29:40	0	RTOF	Mode	523	9	0	4150	042_09:38:50
042_09:39:00	1	DFMS	Flight sequence	ARNS081B	0	0	10	042_09:39:10
042_09:39:10	0	DFMS	Mode	1	0	0	120	042_09:41:10
<b>MWNV 09:42 =&gt; 10:42</b>								
042_10:42:00	1	RTOF	Mode	523	15	4	33050	042_19:52:50
042_10:43:00	1	DFMS	Mode	222	0	11	31680	042_19:31:00
042_19:56:00	1	DFMS	Flight sequence	ARNS081B	0	0	10	042_19:56:10
042_19:56:10	0	DFMS	Mode	1	0	0	120	042_19:58:10
<b>MWNV 19:59 =&gt; 20:59</b>								
042_20:59:00	1	RTOF	Mode	523	15	4	33050	043_06:09:50

042_21:00:00	1	DFMS	Mode	222	0	11	31680	043_05:48:00
043_05:48:00	0	DFMS	Mode	220	0	0	1194	043_06:07:54
043_06:13:00	1	DFMS	Flight sequence	ARNS081B	0	0	10	043_06:13:10
043_06:13:10	0	DFMS	Mode	1	0	0	120	043_06:15:10
<b>MWNV 06:16 =&gt; 07:16</b>								
043_07:16:00	1	RTOF	Mode	523	15	4	33050	043_16:26:50
043_07:17:00	1	DFMS	Mode	222	0	11	31680	043_16:05:00
043_16:05:00	0	DFMS	Mode	220	0	0	1194	043_16:24:54
043_16:30:00	1	DFMS	Flight sequence	ARNS081B	0	0	10	043_16:30:10
043_16:30:10	0	DFMS	Mode	1	0	0	120	043_16:32:10
<b>MWNV 16:33 =&gt; 17:33</b>								
043_17:33:00	1	RTOF	Mode	523	15	4	33050	044_02:43:50
043_17:34:00	1	DFMS	Mode	222	0	11	31680	044_02:22:00
044_02:22:00	0	DFMS	Mode	220	0	0	1194	044_02:41:54
044_02:47:00	1	DFMS	Flight sequence	ARNS081B	0	0	10	044_02:47:10
044_02:47:10	0	DFMS	Mode	1	0	0	120	044_02:51:10
<b>MWNV 02:50 =&gt; 03:50</b>								
044_03:40:27			RTOF Sensor Error: RM_SL_I					
044_03:40:28			RTOF Sensor Error: RM_D					
044_03:40:28			RTOF Sensor Error: RM_RL					
044_03:40:37			RTOF Sensor Error: RM_SLG_RE					
044_03:40:45			RTOF Sensor Error: RM_A2_I					
044_03:40:45			RTOF Sensor Error: RM_A1_I					
044_03:40:48			RTOF Sensor Error: RM_R2					
044_03:40:59			RTOF Sensor Error: RM_SLG_RE					
044_03:48:43			RTOF Sensor Error: RM_SLG_RE					
044_03:50:00	1	RTOF	Mode	523	15	0	6610	044_05:44:12
044_03:51:00	1	DFMS	Mode	222	0	11	30960	044_12:27:00
044_05:42:00			Set RTOF ETSL THD Level = 0					
044_05:43:00	1	RTOF	Mode	523	0	0	460	044_05:51:34
044_05:52:00			Set RTOF ETSL THD Level = 1					
044_05:53:00	1	RTOF	Mode	523	0	0	460	044_06:00:40
044_06:02:00			Set RTOF ETSL THD Level = 2 (default)					
044_06:03:00	1	RTOF	Mode	523	0	0	460	044_06:10:40
044_06:12:00			Set RTOF ETSL THD Level = 3					
044_06:13:00	1	RTOF	Mode	523	0	0	460	044_06:20:40
044_06:22:00			Set RTOF ETSL THD Level = 4					
044_06:23:00	1	RTOF	Mode	523	0	0	460	044_06:30:40
044_06:32:00			Set RTOF ETSL THD Level = 5					
044_06:33:00	1	RTOF	Mode	523	0	0	460	044_06:40:40



044_16:10:00	1	RTOF	Mode	521	0	0	460	044_16:17:40
044_16:19:00		<b>Set RTOF ETS THD Level = 1</b>						
044_16:20:00	1	RTOF	Mode	521	0	0	460	044_16:27:40
044_16:29:04		<b>Set RTOF ETS THD Level = 2</b>						
044_16:30:00	1	RTOF	Mode	521	0	0	460	044_16:37:40
044_16:39:00		<b>Set RTOF ETS THD Level = 3</b>						
044_16:40:00	1	RTOF	Mode	521	0	0	460	044_16:47:40
044_16:49:00		<b>Set RTOF ETS THD Level = 4 (default)</b>						
044_16:50:00	1	RTOF	Mode	521	0	0	460	044_16:57:40
044_16:59:00		<b>Set RTOF ETS THD Level = 5</b>						
044_17:00:00	1	RTOF	Mode	521	0	0	460	044_17:07:40
044_17:09:00		<b>Set RTOF ETS THD Level = 6</b>						
044_17:10:00	1	RTOF	Mode	521	0	0	460	044_17:17:40
044_17:19:00		<b>Set RTOF ETS THD Level = 7</b>						
044_17:20:00	1	RTOF	Mode	521	0	0	460	044_17:27:40
044_17:29:00		<b>Set RTOF ETS THD Level = 0</b>						
044_17:30:00	1	RTOF	Mode	521	0	0	460	044_17:37:40
044_17:39:00		<b>Set RTOF ETS THD Level = 1</b>						
044_17:40:00	1	RTOF	Mode	521	0	0	460	044_17:47:40
044_17:49:00		<b>Set RTOF ETS THD Level = 2</b>						
044_17:50:00	1	RTOF	Mode	521	0	0	460	044_17:57:40
044_17:59:00		<b>Set RTOF ETS THD Level = 3</b>						
044_18:00:00	1	RTOF	Mode	521	0	0	460	044_18:07:40
044_18:09:00		<b>Set RTOF ETS THD Level = 4 (default)</b>						
044_18:10:00	1	RTOF	Mode	521	0	0	460	044_18:17:40
044_18:19:00		<b>Set RTOF ETS THD Level = 5</b>						
044_18:20:00	1	RTOF	Mode	521	0	0	460	044_18:27:40
044_18:29:00		<b>Set RTOF ETS THD Level = 6</b>						
044_18:30:00	1	RTOF	Mode	521	0	0	460	044_18:37:40
044_18:39:00		<b>Set RTOF ETS THD Level = 7</b>						
044_18:40:00	1	RTOF	Mode	521	0	0	460	044_18:47:40
044_18:49:00		<b>Set RTOF ETS THD Level = 4 (default)</b>						
044_18:50:00	1	RTOF	Mode	521	11	2	14910	044_22:58:30
044_22:58:30	0	RTOF	Mode	181	2	0	740	044_23:10:50
044_23:11:00	1	ROSINA	Flight sequence	ZRNP2002	0	0	240	044_23:15:00
044_23:15:00	0	DFMS	Flight sequence	ARNF014B	0	0	125	044_23:17:05
044_23:17:05	0	RTOF	Flight sequence	ARNF014A	0	0	120	044_23:19:05
044_23:19:05	0	COPS	Flight sequence	ARNF011A	0	0	210	044_23:22:35
<b>MOCM 23:25 =&gt; 02:35</b>								
045_02:35:00	1	COPS	Flight sequence	ARNF015A	0	0	120	045_02:37:00

045_02:37:00	0	COPS	Mode	316	1	0	60	045_02:38:00
045_02:38:00	0	COPS	Flight sequence	ARNF016A	0	0	60	045_02:39:00
045_02:40:00	1	DFMS	Flight sequence	ARNF003A	0	0	120	045_02:42:00
<b>045_02:40:04</b>		<b>DFMS Sensor Error: DM_GCU1POUT</b>						
<b>045_02:40:04</b>		<b>DFMS Sensor Error: DM_GCU2POUT</b>						
045_02:42:00	0	DFMS	Mode	222	0	0	3300	045_03:37:00
045_02:43:00	0	RTOF	Flight sequence	ARNF004A	0	0	120	045_02:45:00
045_02:45:00	0	RTOF	Mode	523	9	5	25570	045_09:51:10
<b>045_03:00:15</b>		<b>COPS PRESSURE ALERT</b>						
<b>045_03:13:53</b>		<b>COPS Sensor Error: CM_RG_IMMI_LO</b>						
<b>045_03:14:37</b>		<b>COPS PRESSURE ALERT</b>						
<b>045_03:14:41</b>		<b>COPS PRESSURE ALERT</b>						
<b>045_03:14:41</b>		<b>COPS PRESSURE ALERT</b>						
045_03:37:00	0	DFMS	Mode	232	0	0	1900	045_04:08:40
<b>045_03:37:03</b>		<b>Error in command FIFO processing</b>						
<b>045_04:05:22</b>		<b>Error in command FIFO processing</b>						
045_04:08:40	0	DFMS	Mode	502	0	0	1280	045_04:30:00
<b>045_04:09:03</b>		<b>Error in command FIFO processing</b>						
045_04:30:00	0	DFMS	Mode	232	0	0	1900	045_05:01:40
<b>045_04:30:03</b>		<b>Error in command FIFO processing</b>						
<b>045_04:33:30</b>		<b>COPS PRESSURE ALERT</b>						
045_05:01:40	0	DFMS	Mode	502	0	0	1280	045_05:23:00
<b>045_05:01:43</b>		<b>Error in command FIFO processing</b>						
<b>045_05:14:32</b>		<b>Error in command FIFO processing</b>						
045_05:23:00	0	DFMS	Mode	232	0	0	1900	045_05:54:40
<b>045_05:23:03</b>		<b>Error in command FIFO processing</b>						
<b>045_05:52:23</b>		<b>COPS PRESSURE ALERT</b>						
045_05:54:40	0	DFMS	Mode	502	0	0	1280	045_06:16:00
<b>045_05:54:42</b>		<b>Error in command FIFO processing</b>						
045_06:16:00	0	DFMS	Mode	232	0	0	1900	045_06:47:40
<b>045_06:16:03</b>		<b>Error in command FIFO processing</b>						
<b>045_06:23:43</b>		<b>Error in command FIFO processing</b>						
045_06:47:40	0	DFMS	Mode	502	0	0	1280	045_07:09:00
<b>045_06:47:43</b>		<b>Error in command FIFO processing</b>						
045_07:09:00	0	DFMS	Mode	232	0	0	1900	045_07:40:40
<b>045_07:09:03</b>		<b>Error in command FIFO processing</b>						
<b>045_07:11:11</b>		<b>COPS PRESSURE ALERT</b>						
<b>045_07:32:52</b>		<b>Error in command FIFO processing</b>						
045_07:40:40	0	DFMS	Mode	502	0	0	1280	045_08:02:00
<b>045_07:40:43</b>		<b>Error in command FIFO processing</b>						

045_08:02:00	0	DFMS	Mode	232	0	0	1900	045_08:33:40
<b>045_08:02:03</b>			<b>Error in command FIFO processing</b>					
<b>045_08:30:02</b>			<b>COPS PRESSURE ALERT</b>					
045_08:33:40	0	DFMS	Mode	502	0	0	1280	045_08:55:00
<b>045_08:33:43</b>			<b>Error in command FIFO processing</b>					
<b>045_08:42:03</b>			<b>Error in command FIFO processing</b>					
045_08:55:00	0	DFMS	Mode	232	0	0	1900	045_09:26:40
<b>045_08:55:03</b>			<b>Error in command FIFO processing</b>					
045_09:26:40	0	DFMS	Mode	502	0	0	1280	045_09:48:00
<b>045_09:26:43</b>			<b>Error in command FIFO processing</b>					
045_10:00:00	1	DFMS	Flight sequence	ARNS081B	0	0	10	045_10:00:10
045_10:00:10	0	DFMS	Mode	1	0	0	120	045_10:02:10
<b>045_10:00:12</b>			<b>Error in command FIFO processing</b>					
045_10:01:10	0	COPS	Mode	316	1	0	60	045_10:02:10
<b>045_10:06:38</b>			<b>COPS Sensor Error: C_NG_REGHI</b>					

**MWNV 10:10 => 11:10**

045_11:10:00	1	DFMS	Mode	502	0	0	2000	045_11:43:20
045_11:12:00	1	RTOF	Mode	523	11	1	9940	045_13:57:40
045_11:20:00	1	DFMS	Mode	232	0	0	1900	045_11:51:00
045_11:50:50	1	DFMS	Mode	502	0	0	1280	045_12:12:10
045_12:12:10	0	DFMS	Mode	232	0	0	1900	045_12:43:50
045_12:43:50	0	DFMS	Mode	502	0	0	1280	045_13:05:10
<b>045_13:03:12</b>			<b>RTOF Sensor Error: RM_SL_I</b>					
045_13:05:10	0	DFMS	Mode	572	0	0	1280	045_13:26:30
045_13:26:30	0	DFMS	Mode	232	0	0	1900	045_13:58:10
045_14:00:00	1	DFMS	Flight sequence	ARNS081B	0	0	10	045_14:00:10
045_14:00:10	0	DFMS	Mode	1	0	0	120	045_14:02:10
045_14:01:10	0	COPS	Mode	396	1	0	60	045_14:02:10

**MWNV 14:10 => 15:10**

045_15:10:00	1	DFMS	Mode	222	0	4	13620	045_18:57:00
045_15:12:00	1	RTOF	Mode	523	10	2	13680	045_19:00:00
<b>045_15:45:41</b>			<b>RTOF Sensor Error: RM_SL_I</b>					
<b>045_16:45:23</b>			<b>RTOF Sensor Error: RM_SL_I</b>					
045_18:57:00	0	DFMS	Mode	502	0	0	1280	045_19:18:20
045_19:00:00	0	RTOF	Mode	523	4	0	2100	045_19:35:00
<b>045_19:05:35</b>			<b>RTOF Sensor Error: RM_SL_I</b>					
045_19:30:00	1	DFMS	Flight sequence	ARNS081B	0	0	10	045_19:30:10
045_19:30:10	0	COPS	Flight sequence	ARNF016B	0	0	60	045_19:31:10
045_19:31:10	0	DFMS	Mode	1	0	0	120	045_19:33:10

MWNV 19:37 => 20:37								
045_20:37:00	1	DFMS	Mode	222	0	11	31680	046_05:25:00
045_20:38:00	1	RTOF	Mode	523	14	4	31000	046_05:14:40
<b>045_21:27:40</b>			<b>RTOF Sensor Error: RM_SL_I</b>					
<b>045_22:55:28</b>			<b>RTOF Sensor Error: RM_SL_I</b>					
<b>046_00:05:25</b>			<b>RTOF Sensor Error: RM_SL_I</b>					
<b>046_02:10:22</b>			<b>RTOF Sensor Error: RM_SL_I</b>					
<b>046_03:41:18</b>			<b>RTOF Sensor Error: RM_SL_I</b>					
046_05:14:40	0	RTOF	Mode	523	2	0	1280	046_05:36:00
<b>046_05:18:19</b>			<b>RTOF Sensor Error: RM_SL_I</b>					
046_05:30:00	1	DFMS	Flight sequence	ARNS081B	0	0	10	046_05:30:10
046_05:30:10	0	DFMS	Mode	1	0	0	120	046_05:32:10
MWNV 05:43 => 06:43								
046_06:43:00	1	DFMS	Mode	222	0	11	30960	046_15:19:00
046_06:44:00	1	RTOF	Mode	523	15	3	26440	046_14:04:40
046_06:45:00	1	COPS	Mode	332	1	0	60	046_06:46:00
<b>046_08:00:40</b>			<b>RTOF Sensor Error: RM_SL_I</b>					
<b>046_08:36:17</b>			<b>RTOF Sensor Error: RM_SL_I</b>					
<b>046_11:37:34</b>			<b>RTOF Sensor Error: RM_SL_I</b>					
046_14:04:40	0	RTOF	Mode	523	14	0	6200	046_15:48:00
046_15:19:00	0	DFMS	Mode	220	0	0	1194	046_15:38:54
046_15:47:00	1	DFMS	Flight sequence	ARNS081B	0	0	10	046_15:47:10
046_15:47:10	0	DFMS	Mode	1	0	0	120	046_15:49:10
MWNV 15:50 => 16:50								
046_16:50:00	1	DFMS	Mode	222	0	11	31680	047_01:38:00
046_16:51:00	1	RTOF	Mode	523	15	3	26440	047_00:11:40
<b>046_17:43:16</b>			<b>RTOF Sensor Error: RM_SL_I</b>					
<b>046_19:13:06</b>			<b>RTOF Sensor Error: RM_SL_I</b>					
<b>046_20:38:26</b>			<b>RTOF Sensor Error: RM_SL_I</b>					
<b>046_22:29:30</b>			<b>RTOF Sensor Error: RM_SL_I</b>					
<b>047_00:12:27</b>			<b>RTOF Sensor Error: RM_SL_I</b>					
047_00:11:40	0	RTOF	Mode	523	14	0	6200	047_01:55:00
047_01:38:00	0	DFMS	Mode	260	0	0	864	047_01:52:24
047_01:54:00	1	DFMS	Flight sequence	ARNS081B	0	0	10	047_01:54:10
047_01:54:10	0	DFMS	Mode	1	0	0	120	047_01:56:10
MWNV 01:56 => 02:56								
047_02:56:00	1	DFMS	Mode	222	0	11	31680	047_11:44:00
047_02:57:00	1	RTOF	Mode	523	15	3	26440	047_10:17:40
047_10:17:40	0	RTOF	Mode	523	14	0	6200	047_12:01:00
047_11:59:00	1	DFMS	Flight sequence	ARNS081B	0	0	10	047_11:59:10



047_11:59:10	0	DFMS	Mode	1	0	0	120	047_12:01:10
<b>MWNV 12:02 =&gt; 13:02</b>								
047_13:02:00	1	DFMS	Mode	222	0	12	34260	047_22:33:00
047_13:03:00	1	RTOF	Mode	523	15	4	33050	047_22:13:50
047_22:13:50	0	RTOF	Mode	523	5	0	2510	047_22:55:40
047_22:33:00	0	DFMS	Mode	220	0	0	1194	047_22:52:54
047_22:55:40	0	RTOF	Mode	183	2	0	740	047_23:08:00
047_23:10:00	1	ROSINA	Flight sequence	ZRNP2002	0	0	240	047_23:14:00
047_23:14:00	0	DFMS	Flight sequence	ARNF014B	0	0	125	047_23:16:05
047_23:16:05	0	RTOF	Flight sequence	ARNF014A	0	0	120	047_23:18:05
047_23:18:05	0	COPS	Flight sequence	ARNF011A	0	0	210	047_23:21:35
<b>MOCM 23:25 =&gt; 02:35</b>								
048_02:35:00	1	COPS	Flight sequence	ARNF015A	0	0	120	048_02:37:00
048_02:37:00	0	COPS	Mode	332	1	0	60	048_02:38:00
048_02:38:00	0	DFMS	Flight sequence	ARNF003A	0	0	120	048_02:40:00
048_02:40:00	0	DFMS	Mode	222	0	13	36840	048_12:54:00
048_02:41:00	0	RTOF	Flight sequence	ARNF004A	0	0	120	048_02:43:00
048_02:43:00	0	RTOF	Mode	521	15	4	33770	048_12:05:50
048_12:05:50	0	RTOF	Mode	521	9	0	4150	048_13:15:00
048_12:54:00	0	DFMS	Mode	220	0	0	1194	048_13:13:54
048_13:15:00	1	DFMS	Flight sequence	ARNS081B	0	0	10	048_13:15:10
048_13:15:10	0	DFMS	Mode	1	0	0	120	048_13:17:10
<b>MWNV 13:18 =&gt; 14:18</b>								
048_14:18:00	1	DFMS	Mode	222	0	11	31680	048_23:06:00
048_14:19:00	1	RTOF	Mode	521	15	3	26440	048_21:39:40
048_21:39:40	0	RTOF	Mode	521	10	0	4560	048_22:55:40
048_22:55:40	0	RTOF	Mode	181	2	0	740	048_23:08:00
048_23:10:00	1	ROSINA	Flight sequence	ZRNP2002	0	0	240	048_23:14:00
048_23:14:00	0	DFMS	Flight sequence	ARNF014B	0	0	125	048_23:16:05
048_23:16:05	0	RTOF	Flight sequence	ARNF014A	0	0	120	048_23:18:05
048_23:18:05	0	COPS	Flight sequence	ARNF011A	0	0	210	048_23:21:35
<b>MOCM 23:25 =&gt; 04:15</b>								

## STP044

Start time	Set Time	Instrument	Mode/Sequence	Mode/Sequence number	Cycle number	Repetition	Duration [s]	Stop time	
<b>RTOF OFF starting STP044 because of Regulation problems</b>									
049_04:10:00			<b>Set RTOF M523 integration = 400s</b>						

049_04:11:00		<b>Set RTOF M521 integration = 400s</b>						
049_04:12:00		<b>Set DFMS new mode tables</b>						
049_04:15:00	1	COPS	Flight sequence	ARNF015A	0	0	120	049_04:17:00
049_04:17:00	0	COPS	Mode	332	1	0	60	049_04:18:00
049_04:18:00	0	DFMS	Flight sequence	ARNF003A	0	0	120	049_04:20:00
049_04:20:00	0	DFMS	Mode	222	0	5	17100	049_09:05:00
049_09:37:00	1	DFMS	Flight sequence	ARNS081B	0	0	10	049_09:37:10
049_09:37:10	0	DFMS	Mode	1	0	0	120	049_09:39:10
<b>09:42-10:42</b>								
049_10:42:00	1	DFMS	Mode	222	0	1	5880	049_12:20:00
049_12:20:00	0	DFMS	Mode	322	0	1	17400	049_17:10:00
049_17:10:00	0	DFMS	Mode	1004	0	3	4400	049_18:23:20
049_18:23:20	0	DFMS	Mode	220	0	3	4776	049_19:42:56
049_19:55:00	1	DFMS	Flight sequence	ARNS081B	0	0	10	049_19:55:10
049_19:55:10	0	DFMS	Mode	1	0	0	120	049_19:57:10
<b>19:59-20:59</b>								
049_20:59:00	1	COPS	Mode	332	1	0	60	049_21:00:00
049_21:00:00	1	DFMS	Mode	222	0	2	8460	049_23:21:00
049_23:21:00	0	DFMS	Mode	215	0	3	3576	050_00:20:36
049_23:50:00	1	COPS	Mode	396	1	0	60	049_23:51:00
049_23:51:00	0	COPS	Flight sequence	ARNF016A	0	0	60	049_23:52:00
050_00:20:36	0	DFMS	Mode	217	0	0	3732	050_01:22:48
050_01:22:48	0	DFMS	Mode	215	0	7	6912	050_03:18:00
050_03:18:00	0	DFMS	Mode	217	0	0	3732	050_04:20:12
050_04:20:12	0	DFMS	Mode	215	0	5	5184	050_05:46:36
050_05:46:36	0	DFMS	Mode	215	0	0	864	050_06:01:00
050_06:11:00	1	DFMS	Flight sequence	ARNS081B	0	0	10	050_06:11:10
050_06:11:10	0	DFMS	Mode	1	0	0	120	050_06:13:10
050_06:12:10	0	COPS	Flight sequence	ARNF016B	0	0	60	050_06:13:10
<b>06:16-07:16</b>								
050_07:16:00	1	COPS	Mode	332	1	0	60	050_07:17:00
050_07:17:00	1	DFMS	Mode	215	0	20	18744	050_12:29:24
050_12:29:24	0	DFMS	Mode	215	0	15	13824	050_16:19:48
050_16:27:00	1	DFMS	Flight sequence	ARNS081B	0	0	10	050_16:27:10
050_16:27:10	0	DFMS	Mode	1	0	0	120	050_16:29:10
<b>16:33-17:33</b>								
050_17:33:00	1	DFMS	Mode	215	0	20	18744	050_22:45:24
050_22:45:24	0	DFMS	Mode	215	0	10	9504	051_01:23:48
051_01:23:48	0	DFMS	Mode	220	0	3	4896	051_02:45:24
051_02:45:30	1	DFMS	Flight sequence	ARNS081B	0	0	10	051_02:45:40

Slew

051_02:45:40	0	DFMS	Mode	1	0	0	120	051_02:47:40
<b>02:50-03:50</b>								
051_03:50:00	1	COPS	Mode	332	1	0	60	051_03:51:00
051_03:52:00	1	DFMS	Mode	222	0	10	29100	051_11:57:00
051_11:57:00	0	DFMS	Mode	215	0	3	3576	051_12:56:36
051_12:40:00	1	COPS	Mode	396	1	0	60	051_12:41:00
051_12:56:36	0	DFMS	Flight sequence	ARNS081B	0	0	10	051_12:56:46
051_12:56:46	0	DFMS	Mode	1	0	0	120	051_12:58:46
<b>13:07-14:07</b>								
051_14:07:00	1	COPS	Flight sequence	ARNF016A	0	0	60	051_14:08:00
051_14:08:00	0	DFMS	Mode	217	0	2	11916	051_17:26:36
051_17:26:36	0	DFMS	Mode	215	0	20	18144	051_22:29:00
051_22:29:00	0	DFMS	Mode	215	0	0	864	051_22:43:24
051_22:58:50	1	DFMS	Flight sequence	ARNS081B	0	0	10	051_22:59:00
051_22:59:00	0	DFMS	Mode	1	0	0	120	051_23:01:00
051_23:01:00	0	DFMS	Flight sequence	ARNF014B	0	0	125	051_23:03:05
051_23:03:05	0	COPS	Flight sequence	ARNF016B	0	0	60	051_23:04:05
051_23:04:05	0	COPS	Flight sequence	ARNF011A	0	0	210	051_23:07:35
<b>MOCM 23:25 - 04:15</b>								
052_04:15:00	1	COPS	Flight sequence	ARNF015A	0	0	120	052_04:17:00
052_04:17:00	0	COPS	Mode	332	1	0	60	052_04:18:00
052_04:18:00	0	DFMS	Flight sequence	ARNF003A	0	0	120	052_04:20:00
052_04:20:00	0	DFMS	Mode	222	0	4	13620	052_08:07:00
052_08:07:00	0	DFMS	Mode	572	0	2	3840	052_09:11:00
052_09:26:00	1	DFMS	Flight sequence	ARNS081B	0	0	10	052_09:26:10
052_09:26:10	0	DFMS	Mode	1	0	0	120	052_09:28:10
<b>09:31-10:31</b>								
052_10:31:00	1	DFMS	Mode	222	0	7	21360	052_16:27:00
052_16:27:00	0	DFMS	Mode	572	0	7	10240	052_19:17:40
052_19:17:40	0	DFMS	Mode	260	0	0	864	052_19:32:04
052_19:32:10	1	DFMS	Flight sequence	ARNS081B	0	0	10	052_19:32:20
052_19:32:20	0	DFMS	Mode	1	0	0	120	052_19:34:20
<b>19:37-20:37</b>								
052_20:37:00	1	COPS	Mode	332	1	0	60	052_20:38:00
052_20:38:00	1	DFMS	Mode	532	0	0	5932	052_22:16:52
052_22:16:52	0	DFMS	Mode	222	0	7	20640	053_04:00:52
053_04:00:52	0	DFMS	Mode	572	0	3	5120	053_05:26:12
053_05:26:12	0	DFMS	Mode	260	0	0	864	053_05:40:36
053_05:40:40	1	DFMS	Flight sequence	ARNS081B	0	0	10	053_05:40:50
053_05:40:50	0	DFMS	Mode	1	0	0	120	053_05:42:50

Slews

05:43-06:43								
053_06:43:00	1	DFMS	Mode	222	0	8	23940	053_13:22:00
053_13:22:00	0	DFMS	Mode	572	0	8	11520	053_16:34:00
053_16:34:00	0	DFMS	Mode	222	0	4	12900	053_20:09:00
053_20:09:00	0	DFMS	Mode	572	0	6	8960	053_22:38:20
053_22:38:20	0	DFMS	Mode	260	0	0	864	053_22:52:44
053_22:55:00	1	DFMS	Flight sequence	ARNS081B	0	0	10	053_22:55:10
053_22:55:10	0	DFMS	Mode	1	0	0	120	053_22:57:10
23:00-00:00								
054_00:00:00	1	COPS	Mode	332	1	0	60	054_00:01:00
054_00:01:00	1	DFMS	Mode	222	0	4	13620	054_03:48:00
054_03:48:00	0	DFMS	Mode	572	0	6	8960	054_06:17:20
054_06:17:20	0	DFMS	Mode	222	0	5	15480	054_10:35:20
054_10:55:00	1	DFMS	Flight sequence	ARNS081B	0	0	10	054_10:55:10
054_10:55:10	0	DFMS	Mode	1	0	0	120	054_10:57:10
11:00-12:00								
054_12:00:00	1	DFMS	Mode	572	0	2	4560	054_13:16:00
054_13:16:00	0	DFMS	Mode	222	0	18	49020	055_02:53:00
055_03:07:00	1	DFMS	Flight sequence	ARNS081B	0	0	10	055_03:07:10
055_03:07:10	0	DFMS	Mode	1	0	0	120	055_03:09:10
03:12-04:12								
055_04:12:00	1	COPS	Mode	332	1	0	60	055_04:13:00
055_04:13:00	1	DFMS	Mode	260	0	1	2448	055_04:53:48
055_04:53:48	0	DFMS	Mode	222	0	10	28380	055_12:46:48
055_12:46:48	0	DFMS	Mode	572	0	0	1280	055_13:08:08
055_13:13:00	1	DFMS	Flight sequence	ARNS081B	0	0	10	055_13:13:10
055_13:13:10	0	DFMS	Mode	1	0	0	120	055_13:15:10
13:18-14:18								
055_14:18:00	1	DFMS	Mode	572	0	4	7120	055_16:16:40
055_16:16:40	0	DFMS	Mode	222	0	8	23220	055_22:43:40
055_22:43:40	0	DFMS	Mode	260	0	1	1728	055_23:12:28
055_23:14:50	1	DFMS	Flight sequence	ARNS081B	0	0	10	055_23:15:00
055_23:15:00	0	DFMS	Mode	1	0	0	120	055_23:17:00
055_23:17:00	0	DFMS	Flight sequence	ARNF014B	0	0	125	055_23:19:05
055_23:19:05	0	COPS	Flight sequence	ARNF011A	0	0	210	055_23:22:35
MOCM 23:25 - 04:15								

## STP045

Start time	Set Time	Instrument	Mode/Sequence	Mode/Sequence number	Cycle number	Repetition	Duration [s]	Stop time
<b>RTOF is OFF, since STP 044</b>								
056_04:15:00	1	COPS	Flight sequence	ARNF015A	0	0	120	056_04:17:00
056_04:17:00	0	COPS	Mode	332	1	0	60	056_04:18:00
056_04:18:00	0	DFMS	Flight sequence	ARNF003A	0	0	120	056_04:20:00
056_04:20:00	0	DFMS	Mode	222	0	0	4200	056_05:30:00
056_05:30:00	0	DFMS	Mode	502	0	0	1280	056_05:51:20
056_05:51:20	0	DFMS	Mode	222	0	0	2580	056_06:34:20
056_06:34:20	0	DFMS	Mode	502	0	0	1280	056_06:55:40
056_06:55:40	0	DFMS	Mode	222	0	0	2580	056_07:38:40
056_07:38:40	0	DFMS	Mode	502	0	0	1280	056_08:00:00
056_08:00:00	0	DFMS	Mode	222	0	0	2580	056_08:43:00
056_08:43:00	0	DFMS	Mode	222	0	0	2580	056_09:26:00
056_09:39:00	1	DFMS	Flight sequence	ARNS081B	0	0	10	056_09:39:10
056_09:39:10	0	DFMS	Mode	1	0	0	120	056_09:41:10
<b>MWNV 09:42 =&gt; 10:42</b>								
056_10:43:00	1	DFMS	Mode	222	0	0	3300	056_11:38:00
056_11:38:00	0	DFMS	Mode	502	0	0	1280	056_11:59:20
056_11:59:20	0	DFMS	Mode	222	0	0	2580	056_12:42:20
056_12:42:20	0	DFMS	Mode	502	0	0	1280	056_13:03:40
056_13:03:40	0	DFMS	Mode	222	0	0	2580	056_13:46:40
056_13:46:40	0	DFMS	Mode	502	0	0	1280	056_14:08:00
056_14:08:00	0	DFMS	Mode	222	0	0	2580	056_14:51:00
056_14:51:00	0	DFMS	Mode	502	0	0	1280	056_15:12:20
056_15:12:20	0	DFMS	Mode	222	0	0	2580	056_15:55:20
056_15:55:20	0	DFMS	Mode	502	0	0	1280	056_16:16:40
056_16:16:40	0	DFMS	Mode	222	0	0	2580	056_16:59:40
056_16:59:40	0	DFMS	Mode	502	0	0	1280	056_17:21:00
056_17:21:00	0	DFMS	Mode	222	0	0	2580	056_18:04:00
056_18:04:00	0	DFMS	Mode	502	0	0	1280	056_18:25:20
056_18:25:20	0	DFMS	Mode	222	0	0	2580	056_19:08:20
056_19:08:20	0	DFMS	Mode	222	0	0	2580	056_19:51:20
056_19:56:00	1	DFMS	Flight sequence	ARNS081B	0	0	10	056_19:56:10
056_19:56:10	0	DFMS	Mode	1	0	0	120	056_19:58:10
<b>MWNV 19:59 =&gt; 20:59</b>								
056_21:00:00	1	DFMS	Mode	222	0	0	3300	056_21:55:00
056_21:55:00	0	DFMS	Mode	502	0	0	1280	056_22:16:20

056_22:16:20	0	DFMS	Mode	222	0	0	2580	056_22:59:20
056_22:59:20	0	DFMS	Mode	502	0	0	1280	056_23:20:40
056_23:20:40	0	DFMS	Mode	222	0	0	2580	057_00:03:40
057_00:03:40	0	DFMS	Mode	502	0	0	1280	057_00:25:00
057_00:25:00	0	DFMS	Mode	222	0	0	2580	057_01:08:00
057_01:08:00	0	DFMS	Mode	502	0	0	1280	057_01:29:20
057_01:29:20	0	DFMS	Mode	222	0	0	2580	057_02:12:20
057_02:12:20	0	DFMS	Mode	502	0	0	1280	057_02:33:40
057_02:33:40	0	DFMS	Mode	222	0	0	2580	057_03:16:40
057_03:16:40	0	DFMS	Mode	502	0	0	1280	057_03:38:00
057_03:38:00	0	DFMS	Mode	222	0	0	2580	057_04:21:00
057_04:21:00	0	DFMS	Mode	502	0	0	1280	057_04:42:20
057_04:42:20	0	DFMS	Mode	222	0	0	2580	057_05:25:20
057_05:25:20	0	DFMS	Mode	222	0	0	2580	057_06:08:20
057_06:13:00	1	DFMS	Flight sequence	ARNS081B	0	0	10	057_06:13:10
057_06:13:10	0	DFMS	Mode	1	0	0	120	057_06:15:10

**MWNV 06:16 => 07:16**

057_07:17:00	1	DFMS	Mode	222	0	0	3300	057_08:12:00
057_08:12:00	0	DFMS	Mode	502	0	0	1280	057_08:33:20
057_08:33:20	0	DFMS	Mode	222	0	0	2580	057_09:16:20
057_09:16:20	0	DFMS	Mode	502	0	0	1280	057_09:37:40
057_09:37:40	0	DFMS	Mode	222	0	0	2580	057_10:20:40
057_10:20:40	0	DFMS	Mode	502	0	0	1280	057_10:42:00
057_10:42:00	0	DFMS	Mode	222	0	0	2580	057_11:25:00
057_11:25:00	0	DFMS	Mode	502	0	0	1280	057_11:46:20
057_11:46:20	0	DFMS	Mode	222	0	0	2580	057_12:29:20
057_12:29:20	0	DFMS	Mode	502	0	0	1280	057_12:50:40
057_12:50:40	0	DFMS	Mode	222	0	0	2580	057_13:33:40
057_13:33:40	0	DFMS	Mode	502	0	0	1280	057_13:55:00
057_13:55:00	0	DFMS	Mode	222	0	0	2580	057_14:38:00
057_14:38:00	0	DFMS	Mode	502	0	0	1280	057_14:59:20
057_14:59:20	0	DFMS	Mode	222	0	1	5160	057_16:25:20
057_16:30:00	1	DFMS	Flight sequence	ARNS081B	0	0	10	057_16:30:10
057_16:30:10	0	DFMS	Mode	1	0	0	120	057_16:32:10

**MWNV 16:33 => 17:33**

057_17:34:00	1	DFMS	Mode	222	0	0	3300	057_18:29:00
057_18:29:00	0	DFMS	Mode	502	0	0	1280	057_18:50:20
057_18:50:20	0	DFMS	Mode	222	0	0	2580	057_19:33:20
057_19:33:20	0	DFMS	Mode	502	0	0	1280	057_19:54:40
057_19:54:40	0	DFMS	Mode	222	0	0	2580	057_20:37:40

057_20:37:40	0	DFMS	Mode	502	0	0	1280	057_20:59:00
057_20:59:00	0	DFMS	Mode	222	0	0	2580	057_21:42:00
057_21:42:00	0	DFMS	Mode	502	0	0	1280	057_22:03:20
057_22:03:20	0	DFMS	Mode	222	0	0	2580	057_22:46:20
057_22:46:20	0	DFMS	Mode	502	0	0	1280	057_23:07:40
057_23:07:40	0	DFMS	Mode	222	0	0	2580	057_23:50:40
057_23:50:40	0	DFMS	Mode	502	0	0	1280	058_00:12:00
058_00:12:00	0	DFMS	Mode	222	0	0	2580	058_00:55:00
058_00:55:00	0	DFMS	Mode	502	0	0	1280	058_01:16:20
058_01:16:20	0	DFMS	Mode	222	0	1	5160	058_02:42:20
058_02:47:00	1	DFMS	Flight sequence	ARNS081B	0	0	10	058_02:47:10
058_02:47:10	0	DFMS	Mode	1	0	0	120	058_02:49:10

**MWNV 02:50 => 03:50**

058_03:51:00	1	DFMS	Mode	222	0	0	3300	058_04:46:00
058_04:46:00	0	DFMS	Mode	502	0	0	1280	058_05:07:20
058_05:07:20	0	DFMS	Mode	222	0	0	2580	058_05:50:20
058_05:50:20	0	DFMS	Mode	502	0	0	1280	058_06:11:40
058_06:11:40	0	DFMS	Mode	222	0	0	2580	058_06:54:40
058_06:54:40	0	DFMS	Mode	502	0	0	1280	058_07:16:00
058_07:16:00	0	DFMS	Mode	222	0	0	2580	058_07:59:00
058_07:59:00	0	DFMS	Mode	502	0	0	1280	058_08:20:20
058_08:20:20	0	DFMS	Mode	222	0	0	2580	058_09:03:20
058_09:03:20	0	DFMS	Mode	502	0	0	1280	058_09:24:40
058_09:24:40	0	DFMS	Mode	222	0	0	2580	058_10:07:40
058_10:07:40	0	DFMS	Mode	502	0	0	1280	058_10:29:00
058_10:29:00	0	DFMS	Mode	222	0	0	2580	058_11:12:00
058_11:12:00	0	DFMS	Mode	502	0	0	1280	058_11:33:20
058_11:33:20	0	DFMS	Mode	222	0	1	5160	058_12:59:20
058_13:04:00	1	DFMS	Flight sequence	ARNS081B	0	0	10	058_13:04:10
058_13:04:10	0	DFMS	Mode	1	0	0	120	058_13:06:10

**MWNV 13:07 => 14:07**

058_14:08:00	1	DFMS	Mode	217	0	0	4452	058_15:22:12
058_15:22:12	0	DFMS	Mode	215	0	0	864	058_15:36:36
058_15:36:36	0	DFMS	Mode	217	0	0	3732	058_16:38:48
058_16:38:48	0	DFMS	Mode	215	0	0	864	058_16:53:12
058_16:53:12	0	DFMS	Mode	217	0	0	3732	058_17:55:24
058_17:55:24	0	DFMS	Mode	215	0	0	864	058_18:09:48
058_18:09:48	0	DFMS	Mode	217	0	0	3732	058_19:12:00
058_19:12:00	0	DFMS	Mode	215	0	0	864	058_19:26:24
058_19:26:24	0	DFMS	Mode	217	0	0	3732	058_20:28:36

058_20:28:36	0	DFMS	Mode	215	0	0	864	058_20:43:00
058_20:43:00	0	DFMS	Mode	217	0	0	3732	058_21:45:12
058_21:45:12	0	DFMS	Mode	215	0	0	864	058_21:59:36
058_21:59:36	0	DFMS	Mode	217	0	0	3732	058_23:01:48
058_23:10:00	1	DFMS	Flight sequence	ARNS081B	0	0	10	058_23:10:10
058_23:10:10	0	DFMS	Mode	1	0	0	120	058_23:12:10
058_23:14:00	1	DFMS	Flight sequence	ARNF014B	0	0	125	058_23:16:05
058_23:18:05	1	COPS	Flight sequence	ARNF011A	0	0	210	058_23:21:35

**MOCM 23:25 => 04:15**

059_04:15:00	1	COPS	Flight sequence	ARNF015A	0	0	120	059_04:17:00
059_04:17:00	0	COPS	Mode	332	1	0	60	059_04:18:00
059_04:18:00	0	DFMS	Flight sequence	ARNF003A	0	0	120	059_04:20:00
059_04:20:00	0	DFMS	Mode	222	0	0	3300	059_05:15:00
059_05:15:00	0	DFMS	Mode	502	0	0	1280	059_05:36:20
059_05:36:20	0	DFMS	Mode	222	0	0	2580	059_06:19:20
059_06:19:20	0	DFMS	Mode	502	0	0	1280	059_06:40:40
059_06:40:40	0	DFMS	Mode	222	0	0	2580	059_07:23:40
059_07:23:40	0	DFMS	Mode	502	0	0	1280	059_07:45:00
059_07:45:00	0	DFMS	Mode	222	0	0	2580	059_08:28:00
059_08:28:00	0	DFMS	Mode	502	0	0	1280	059_08:49:20
059_08:49:20	0	DFMS	Mode	502	0	0	1280	059_09:10:40
059_09:28:00	1	DFMS	Flight sequence	ARNS081B	0	0	10	059_09:28:10
059_09:28:10	0	DFMS	Mode	1	0	0	120	059_09:30:10

**MWNV 09:31 => 10:31**

059_10:32:00	1	DFMS	Mode	217	0	0	4452	059_11:46:12
059_11:46:12	0	DFMS	Mode	215	0	0	984	059_12:02:36
059_12:02:36	0	DFMS	Mode	217	0	0	3732	059_13:04:48
059_13:04:48	0	DFMS	Mode	215	0	0	864	059_13:19:12
059_13:19:12	0	DFMS	Mode	217	0	0	3732	059_14:21:24
059_14:21:24	0	DFMS	Mode	215	0	0	864	059_14:35:48
059_14:35:48	0	DFMS	Mode	217	0	0	3732	059_15:38:00
059_15:38:00	0	DFMS	Mode	215	0	0	864	059_15:52:24
059_15:52:24	0	DFMS	Mode	217	0	0	3732	059_16:54:36
059_16:54:36	0	DFMS	Mode	215	0	0	864	059_17:09:00
059_17:09:00	0	DFMS	Mode	217	0	0	3732	059_18:11:12
059_18:11:12	0	DFMS	Mode	215	0	0	864	059_18:25:36
059_18:25:36	0	DFMS	Mode	217	0	0	3732	059_19:27:48
059_19:34:00	1	DFMS	Flight sequence	ARNS081B	0	0	10	059_19:34:10
059_19:34:10	0	DFMS	Mode	1	0	0	120	059_19:36:10

**MWNV 19:37 => 20:37**



059_20:38:00	1	DFMS	Mode	222	0	0	3300	059_21:33:00
059_21:33:00	0	DFMS	Mode	502	0	0	1280	059_21:54:20
059_21:54:20	0	DFMS	Mode	222	0	0	2580	059_22:37:20
059_22:37:20	0	DFMS	Mode	502	0	0	1280	059_22:58:40
059_22:58:40	0	DFMS	Mode	222	0	0	2580	059_23:41:40
059_23:41:40	0	DFMS	Mode	502	0	0	1280	060_00:03:00
060_00:03:00	0	DFMS	Mode	222	0	0	2580	060_00:46:00
060_00:46:00	0	DFMS	Mode	502	0	0	1280	060_01:07:20
060_01:07:20	0	DFMS	Mode	222	0	0	2580	060_01:50:20
060_01:50:20	0	DFMS	Mode	502	0	0	1280	060_02:11:40
060_02:11:40	0	DFMS	Mode	222	0	0	2580	060_02:54:40
060_02:54:40	0	DFMS	Mode	502	0	0	1280	060_03:16:00
060_03:16:00	0	DFMS	Mode	222	0	0	2580	060_03:59:00
060_03:59:00	0	DFMS	Mode	502	0	0	1280	060_04:20:20
060_04:20:20	0	DFMS	Mode	222	0	0	2580	060_05:03:20
060_05:03:20	0	DFMS	Mode	502	0	0	1280	060_05:24:40
060_05:40:00	1	DFMS	Flight sequence	ARNS081B	0	0	10	060_05:40:10
060_05:40:10	0	DFMS	Mode	1	0	0	120	060_05:42:10

**MWNV 05:43 => 06:43**

060_06:44:00	1	DFMS	Mode	222	0	0	3300	060_07:39:00
060_07:39:00	0	DFMS	Mode	502	0	0	1280	060_08:00:20
060_08:00:20	0	DFMS	Mode	222	0	0	2580	060_08:43:20
060_08:43:20	0	DFMS	Mode	502	0	0	1280	060_09:04:40
060_09:04:40	0	DFMS	Mode	222	0	0	2580	060_09:47:40
060_09:47:40	0	DFMS	Mode	502	0	0	1280	060_10:09:00
060_10:09:00	0	DFMS	Mode	222	0	0	2580	060_10:52:00
060_10:52:00	0	DFMS	Mode	502	0	0	1280	060_11:13:20
060_11:13:20	0	DFMS	Mode	222	0	0	2580	060_11:56:20
060_11:56:20	0	DFMS	Mode	502	0	0	1280	060_12:17:40
060_12:17:40	0	DFMS	Mode	222	0	0	2580	060_13:00:40
060_13:00:40	0	DFMS	Mode	502	0	0	1280	060_13:22:00
060_13:22:00	0	DFMS	Mode	222	0	0	2580	060_14:05:00
060_14:05:00	0	DFMS	Mode	502	0	0	1280	060_14:26:20
060_14:26:20	0	DFMS	Mode	222	0	0	2580	060_15:09:20
060_15:09:20	0	DFMS	Mode	502	0	0	1280	060_15:30:40
060_15:47:00	1	DFMS	Flight sequence	ARNS081B	0	0	10	060_15:47:10
060_15:47:10	0	DFMS	Mode	1	0	0	120	060_15:49:10

**MWNV 15:50 => 16:50**

060_16:51:00	1	DFMS	Mode	222	0	0	3300	060_17:46:00
060_17:46:00	0	DFMS	Mode	502	0	0	1280	060_18:07:20

060_18:07:20	0	DFMS	Mode	222	0	0	2580	060_18:50:20
060_18:50:20	0	DFMS	Mode	502	0	0	1280	060_19:11:40
060_19:11:40	0	DFMS	Mode	222	0	0	2580	060_19:54:40
060_19:54:40	0	DFMS	Mode	502	0	0	1280	060_20:16:00
060_20:16:00	0	DFMS	Mode	222	0	0	2580	060_20:59:00
060_20:59:00	0	DFMS	Mode	502	0	0	1280	060_21:20:20
060_21:20:20	0	DFMS	Mode	222	0	0	2580	060_22:03:20
060_22:03:20	0	DFMS	Mode	502	0	0	1280	060_22:24:40
060_22:24:40	0	DFMS	Mode	222	0	0	2580	060_23:07:40
060_23:07:40	0	DFMS	Mode	502	0	0	1280	060_23:29:00
060_23:29:00	0	DFMS	Mode	222	0	0	2580	061_00:12:00
061_00:12:00	0	DFMS	Mode	502	0	0	1280	061_00:33:20
061_00:33:20	0	DFMS	Mode	222	0	0	2580	061_01:16:20
061_01:16:20	0	DFMS	Mode	502	0	0	1280	061_01:37:40
061_01:53:00	1	DFMS	Flight sequence	ARNS081B	0	0	10	061_01:53:10
061_01:53:10	0	DFMS	Mode	1	0	0	120	061_01:55:10
<b>MWNV 01:56 =&gt; 02:56</b>								
061_02:57:00	1	DFMS	Mode	262	0	16	49680	061_16:45:00
061_16:45:00	0	DFMS	Mode	260	0	0	864	061_16:59:24
061_17:03:00	1	DFMS	Flight sequence	ARNS081B	0	0	10	061_17:03:10
061_17:03:10	0	DFMS	Mode	1	0	0	120	061_17:05:10
<b>MWNV 17:06 =&gt; 18:06</b>								
061_18:07:00	1	DFMS	Mode	220	0	0	1914	061_18:38:54
061_18:38:54	0	DFMS	Mode	215	0	0	984	061_18:55:18
061_18:55:18	0	DFMS	Mode	220	0	0	1314	061_19:17:12
061_19:17:12	0	DFMS	Mode	215	0	0	984	061_19:33:36
061_19:33:36	0	DFMS	Mode	220	0	0	1314	061_19:55:30
061_19:55:30	0	DFMS	Mode	215	0	0	984	061_20:11:54
061_20:11:54	0	DFMS	Mode	220	0	0	1314	061_20:33:48
061_20:33:48	0	DFMS	Mode	215	0	0	984	061_20:50:12
061_20:50:12	0	DFMS	Mode	220	0	0	1314	061_21:12:06
061_21:12:06	0	DFMS	Mode	215	0	0	984	061_21:28:30
061_21:28:30	0	DFMS	Mode	222	0	5	15600	062_01:48:30
062_01:48:30	0	DFMS	Mode	515	0	9	4600	062_03:05:10
062_03:09:00	1	DFMS	Flight sequence	ARNS081B	0	0	10	062_03:09:10
062_03:09:10	0	DFMS	Mode	1	0	0	120	062_03:11:10
<b>MWNV 03:12 =&gt; 04:12</b>								
062_04:13:00	1	DFMS	Mode	222	0	0	3300	062_05:08:00
062_05:08:00	0	DFMS	Mode	502	0	0	1280	062_05:29:20
062_05:29:20	0	DFMS	Mode	222	0	0	2580	062_06:12:20

062_06:12:20	0	DFMS	Mode	502	0	0	1400	062_06:35:40
062_06:35:40	0	DFMS	Mode	222	0	0	2700	062_07:20:40
062_07:20:40	0	DFMS	Mode	502	0	0	1280	062_07:42:00
062_07:42:00	0	DFMS	Mode	222	0	0	2580	062_08:25:00
062_08:25:00	0	DFMS	Mode	502	0	0	1280	062_08:46:20
062_08:46:20	0	DFMS	Mode	222	0	0	2580	062_09:29:20
062_09:29:20	0	DFMS	Mode	502	0	0	1280	062_09:50:40
062_09:50:40	0	DFMS	Mode	222	0	0	2580	062_10:33:40
062_10:33:40	0	DFMS	Mode	502	0	0	1280	062_10:55:00
062_10:55:00	0	DFMS	Mode	222	0	0	2580	062_11:38:00
062_11:38:00	0	DFMS	Mode	502	0	0	1280	062_11:59:20
062_11:59:20	0	DFMS	Mode	222	0	0	2580	062_12:42:20
062_13:10:00	1	DFMS	Flight sequence	ARNS081B	0	0	10	062_13:10:10
062_13:10:10	0	DFMS	Mode	1	0	0	120	062_13:12:10

**MWNV 13:18 => 14:18**

062_14:19:00	1	DFMS	Mode	215	0	0	1464	062_14:43:24
062_14:43:24	0	DFMS	Mode	217	0	0	3732	062_15:45:36
062_15:45:36	0	DFMS	Mode	215	0	0	864	062_16:00:00
062_16:00:00	0	DFMS	Mode	217	0	0	3732	062_17:02:12
062_17:02:12	0	DFMS	Mode	215	0	0	864	062_17:16:36
062_17:16:36	0	DFMS	Mode	217	0	0	3732	062_18:18:48
062_18:18:48	0	DFMS	Mode	215	0	0	864	062_18:33:12
062_18:33:12	0	DFMS	Mode	217	0	0	3732	062_19:35:24
062_19:35:24	0	DFMS	Mode	215	0	0	864	062_19:49:48
062_19:49:48	0	DFMS	Mode	217	0	0	3852	062_20:54:00
062_20:54:00	0	DFMS	Mode	215	0	0	864	062_21:08:24
062_21:08:24	0	DFMS	Mode	217	0	1	7464	062_23:12:48
062_23:13:00	1	DFMS	Flight sequence	ARNS081B	0	0	10	062_23:13:10
062_23:13:10	0	DFMS	Mode	1	0	0	120	062_23:15:10
062_23:15:10	0	DFMS	Flight sequence	ARNF014B	0	0	125	062_23:17:15
062_23:18:15	0	COPS	Flight sequence	ARNF011A	0	0	210	062_23:21:45

**MOCM 23:25 => 02:35**

## STP046

Start time	Set Time	Instrument	Mode/Sequence	Mode/Sequence number	Cycle number	Repetition	Duration [s]	Stop time
<b>MOCM 23:25 -&gt; 02:35</b>								
063_02:35:00	1	COPS	Flight sequence	ARNF015A	0	0	120	063_02:37:00

063_02:37:00	0	COPS	Mode	332	1	0	60	063_02:38:00
063_02:38:00	0	DFMS	Flight sequence	ARNF003A	0	0	120	063_02:40:00
063_02:40:00	0	DFMS	Mode	522	0	20	3338	063_03:35:38
063_03:35:38	0	DFMS	Mode	522	0	20	2688	063_04:20:26
063_04:20:26	0	DFMS	Mode	522	0	20	2688	063_05:05:14
063_05:05:14	0	DFMS	Mode	522	0	20	2688	063_05:50:02
063_05:50:02	0	DFMS	Mode	522	0	20	2688	063_06:34:50
063_06:34:50	0	DFMS	Mode	522	0	20	2688	063_07:19:38
063_07:19:38	0	DFMS	Mode	522	0	20	2688	063_08:04:26
063_08:04:26	0	DFMS	Mode	522	0	20	2688	063_08:49:14
063_08:49:14	0	DFMS	Mode	260	0	2	2592	063_09:32:26
063_09:39:00	1	DFMS	Flight sequence	ARNS081B	0	0	10	063_09:39:10
063_09:39:10	0	DFMS	Mode	1	0	0	120	063_09:41:10
<b>MWNV 09:42 -&gt; 10:42</b>								
063_10:43:00	1	DFMS	Mode	522	0	20	3298	063_11:37:58
063_11:37:58	0	DFMS	Mode	522	0	20	2688	063_12:22:46
063_12:22:46	0	DFMS	Mode	522	0	20	2688	063_13:07:34
063_13:07:34	0	DFMS	Mode	522	0	20	2688	063_13:52:22
063_13:52:22	0	DFMS	Mode	522	0	20	2688	063_14:37:10
063_14:37:10	0	DFMS	Mode	522	0	20	2688	063_15:21:58
063_15:21:58	0	DFMS	Mode	522	0	20	2688	063_16:06:46
063_16:06:46	0	DFMS	Mode	522	0	20	2688	063_16:51:34
063_16:51:34	0	DFMS	Mode	522	0	20	2688	063_17:36:22
063_17:36:22	0	DFMS	Mode	260	0	2	2592	063_18:19:34
063_18:19:34	0	DFMS	Mode	215	0	5	5304	063_19:47:58
063_19:56:00	1	DFMS	Flight sequence	ARNS081B	0	0	10	063_19:56:10
063_19:56:10	0	DFMS	Mode	1	0	0	120	063_19:58:10
<b>MWNV 19:59 -&gt; 20:59</b>								
063_21:00:00	1	DFMS	Mode	215	0	6	6648	063_22:50:48
063_22:50:48	0	DFMS	Mode	217	0	0	3732	063_23:53:00
063_23:53:00	0	DFMS	Mode	532	0	1	10544	064_02:48:44
064_02:48:44	0	DFMS	Mode	502	0	8	11520	064_06:00:44
064_06:13:00	1	DFMS	Flight sequence	ARNS081B	0	0	10	064_06:13:10
064_06:13:10	0	DFMS	Mode	1	0	0	120	064_06:15:10
<b>MWNV 06:16 -&gt; 07:16</b>								
064_07:16:00	1	COPS	Mode	332	1	0	60	064_07:17:00
064_07:18:00	1	DFMS	Mode	502	0	16	22480	064_13:32:40
064_13:32:40	0	DFMS	Mode	532	0	1	10424	064_16:26:24
064_16:30:00	1	DFMS	Flight sequence	ARNS081B	0	0	10	064_16:30:10
064_16:30:10	0	DFMS	Mode	1	0	0	120	064_16:32:10

**MWNV 16:33 -> 17:33**

064_17:34:00	1	DFMS	Mode	262	0	0	3600	064_18:34:00
064_18:34:00	0	DFMS	Mode	260	0	3	3456	064_19:31:36
064_19:31:36	0	DFMS	Mode	262	0	0	2880	064_20:19:36
064_20:19:36	0	DFMS	Mode	260	0	3	3456	064_21:17:12
064_21:17:12	0	DFMS	Mode	262	0	0	2880	064_22:05:12
064_22:05:12	0	DFMS	Mode	260	0	3	3456	064_23:02:48
064_23:02:48	0	DFMS	Mode	262	0	0	2880	064_23:50:48
064_23:50:48	0	DFMS	Mode	522	0	20	2688	065_00:35:36
065_00:35:36	0	DFMS	Mode	522	0	20	2688	065_01:20:24
065_01:20:24	0	DFMS	Mode	522	0	20	2688	065_02:05:12
065_02:05:12	0	DFMS	Mode	522	0	17	2304	065_02:43:36
065_02:45:00	1	DFMS	Flight sequence	ARNS081B	0	0	10	065_02:45:10
065_02:45:10	0	DFMS	Mode	1	0	0	120	065_02:47:10

**MWNV 02:50 -> 03:50**

065_03:50:00	1	COPS	Mode	332	1	0	60	065_03:51:00
065_03:52:00	1	DFMS	Mode	522	0	20	3298	065_04:46:58
065_04:46:58	0	DFMS	Mode	260	0	1	1728	065_05:15:46
065_05:15:46	0	DFMS	Mode	522	0	20	2688	065_06:00:34
065_06:00:34	0	DFMS	Mode	522	0	20	2688	065_06:45:22
065_06:45:22	0	DFMS	Mode	522	0	20	2688	065_07:30:10
065_07:30:10	0	DFMS	Mode	522	0	20	2688	065_08:14:58
065_08:14:58	0	DFMS	Mode	260	0	1	1728	065_08:43:46
065_08:43:46	0	DFMS	Mode	522	0	20	2688	065_09:28:34
065_09:28:34	0	DFMS	Mode	522	0	20	2688	065_10:13:22
065_10:13:22	0	DFMS	Mode	522	0	20	2688	065_10:58:10
065_10:58:10	0	DFMS	Mode	522	0	20	2688	065_11:42:58
065_11:42:58	0	DFMS	Mode	260	0	1	1728	065_12:11:46
065_12:11:46	0	DFMS	Mode	522	0	20	2688	065_12:56:34
065_13:04:00	1	DFMS	Flight sequence	ARNS081B	0	0	10	065_13:04:10
065_13:04:10	0	DFMS	Mode	1	0	0	120	065_13:06:10

**MWNV 13:07 -> 14:07**

065_14:08:00	1	DFMS	Mode	522	0	20	3298	065_15:02:58
065_15:02:58	0	DFMS	Mode	522	0	20	2688	065_15:47:46
065_15:47:46	0	DFMS	Mode	522	0	20	2688	065_16:32:34
065_16:32:34	0	DFMS	Mode	522	0	20	2688	065_17:17:22
065_17:17:22	0	DFMS	Mode	260	0	1	1728	065_17:46:10
065_17:46:10	0	DFMS	Mode	522	0	20	2688	065_18:30:58
065_18:30:58	0	DFMS	Mode	522	0	20	2688	065_19:15:46
065_19:15:46	0	DFMS	Mode	522	0	20	2688	065_20:00:34

065_20:00:34	0	DFMS	Mode	522	0	20	2688	065_20:45:22
065_20:45:22	0	DFMS	Mode	260	0	1	1728	065_21:14:10
065_21:14:10	0	DFMS	Mode	522	0	20	2688	065_21:58:58
065_21:27:40	0	RTOF	Mode	523	13	0	5790	065_23:04:10
065_21:58:58	0	DFMS	Mode	522	0	20	2688	065_22:43:46
065_22:43:46	0	DFMS	Mode	522	0	10	1408	065_23:07:14
065_23:11:50	1	DFMS	Flight sequence	ARNS081B	0	0	10	069_03:09:10
065_23:12:00	0	DFMS	Mode	1	0	0	120	069_03:11:10
065_23:14:00	0	DFMS	Flight sequence	ARNF014B	0	0	125	065_23:16:05
065_23:18:05	0	COPS	Flight sequence	ARNF011A	0	0	210	065_23:21:35
<b>MOCM 23:25 -&gt; 02:35</b>								
066_02:35:00	1	COPS	Flight sequence	ARNF015A	0	0	120	066_02:37:00
066_02:37:00	0	COPS	Mode	332	1	0	60	066_02:38:00
066_02:38:00	0	DFMS	Flight sequence	ARNF003A	0	0	120	066_02:40:00
066_02:40:00	0	DFMS	Mode	215	0	10	10104	066_05:28:24
066_05:28:24	0	DFMS	Mode	217	0	0	3732	066_06:30:36
066_06:30:36	0	DFMS	Mode	215	0	11	10368	066_09:23:24
066_09:28:00	1	DFMS	Flight sequence	ARNS081B	0	0	10	066_09:28:10
066_09:28:10	0	DFMS	Mode	1	0	0	120	066_09:30:10
<b>MWNV 09:31 -&gt; 10:31</b>								
066_10:32:00	1	DFMS	Mode	215	0	11	10968	066_13:34:48
066_13:34:48	0	DFMS	Mode	217	0	0	3732	066_14:37:00
066_14:37:00	0	DFMS	Mode	215	0	11	10368	066_17:29:48
066_17:29:48	0	DFMS	Mode	217	0	0	3732	066_18:32:00
066_18:32:00	0	DFMS	Mode	215	0	3	3456	066_19:29:36
066_19:34:00	1	DFMS	Flight sequence	ARNS081B	0	0	10	066_19:34:10
066_19:34:10	0	DFMS	Mode	1	0	0	120	066_19:36:10
<b>MWNV 19:37 -&gt; 20:37</b>								
066_20:38:00	1	DFMS	Mode	215	0	8	8376	066_22:57:36
066_22:57:36	0	DFMS	Mode	217	0	0	3732	066_23:59:48
066_23:59:48	0	DFMS	Mode	532	0	0	5332	067_01:28:40
067_01:28:40	0	DFMS	Mode	262	0	3	11520	067_04:40:40
067_04:40:40	0	DFMS	Mode	260	0	3	3456	067_05:38:16
067_05:40:00	1	DFMS	Flight sequence	ARNS081B	0	0	10	067_05:40:10
067_05:40:10	0	DFMS	Mode	1	0	0	120	067_05:42:10
<b>MWNV 05:43 -&gt; 06:43</b>								
067_06:43:00	1	COPS	Mode	332	1	0	60	067_06:44:00
067_06:45:00	1	DFMS	Mode	262	0	4	15120	067_10:57:00
067_10:57:00	0	DFMS	Mode	260	0	1	1728	067_11:25:48
067_11:25:48	0	DFMS	Mode	262	0	3	11640	067_14:39:48

067_14:39:48	0	DFMS	Mode	260	0	3	3576	067_15:39:24
067_15:47:00	1	DFMS	Flight sequence	ARNS081B	0	0	10	067_15:47:10
067_15:47:10	0	DFMS	Mode	1	0	0	120	067_15:49:10
<b>MWNV 15:50 -&gt; 16:50</b>								
067_16:51:00	1	DFMS	Mode	262	0	4	15120	067_21:03:00
067_21:03:00	0	DFMS	Mode	260	0	1	1728	067_21:31:48
067_21:31:48	0	DFMS	Mode	262	0	3	11520	068_00:43:48
068_00:43:48	0	DFMS	Mode	260	0	3	3456	068_01:41:24
068_01:53:00	1	DFMS	Flight sequence	ARNS081B	0	0	10	068_01:53:10
068_01:53:10	0	DFMS	Mode	1	0	0	120	068_01:55:10
<b>MWNV 01:56 -&gt; 02:56</b>								
068_02:57:00	1	DFMS	Mode	262	0	3	12240	068_06:21:00
068_06:21:00	0	DFMS	Mode	260	0	1	1728	068_06:49:48
068_06:49:48	0	DFMS	Mode	262	0	4	14400	068_10:49:48
068_10:49:48	0	DFMS	Mode	260	0	1	1728	068_11:18:36
068_11:18:36	0	DFMS	Mode	262	0	4	14400	068_15:18:36
068_15:18:36	0	DFMS	Mode	260	0	2	2592	068_16:01:48
068_16:01:48	0	DFMS	Mode	262	0	0	2880	068_16:49:48
068_17:03:00	1	DFMS	Flight sequence	ARNS081B	0	0	10	068_17:03:10
068_17:03:10	0	DFMS	Mode	1	0	0	120	068_17:05:10
<b>MWNV 17:06 -&gt; 18:06</b>								
068_18:06:00	1	COPS	Mode	332	1	0	60	068_18:07:00
068_18:08:00	1	DFMS	Mode	262	0	4	15120	068_22:20:00
068_22:20:00	0	DFMS	Mode	532	0	0	5212	068_23:46:52
068_23:46:52	0	DFMS	Mode	260	0	1	1728	069_00:15:40
069_00:15:40	0	DFMS	Mode	522	0	20	2688	069_01:00:28
069_01:00:28	0	DFMS	Mode	260	0	1	1728	069_01:29:16
069_01:29:16	0	DFMS	Mode	522	0	20	2688	069_02:14:04
069_02:14:04	0	DFMS	Mode	522	0	20	2688	069_02:58:52
069_02:58:52	0	DFMS	Mode	522	0	3	512	069_03:07:24
069_03:09:00	1	DFMS	Flight sequence	ARNS081B	0	0	10	069_03:09:10
069_03:09:10	0	DFMS	Mode	1	0	0	120	069_03:11:10
<b>MWNV 03:12 -&gt; 04:12</b>								
069_04:13:00	1	DFMS	Mode	522	0	20	3298	069_05:07:58
069_05:07:58	0	DFMS	Mode	522	0	20	2688	069_05:52:46
069_05:52:46	0	DFMS	Mode	260	0	1	1728	069_06:21:34
069_06:21:34	0	DFMS	Mode	522	0	20	2688	069_07:06:22
069_07:06:22	0	DFMS	Mode	522	0	20	2688	069_07:51:10
069_07:51:10	0	DFMS	Mode	522	0	20	2688	069_08:35:58
069_08:35:58	0	DFMS	Mode	522	0	20	2688	069_09:20:46

069_09:20:46	0	DFMS	Mode	522	0	20	2688	069_10:05:34
069_10:05:34	0	DFMS	Mode	522	0	20	2688	069_10:50:22
069_10:50:22	0	DFMS	Mode	522	0	20	2688	069_11:35:10
069_11:35:10	0	DFMS	Mode	522	0	20	2688	069_12:19:58
069_12:19:58	0	DFMS	Mode	260	0	1	1728	069_12:48:46
069_12:48:46	0	DFMS	Mode	522	0	20	2688	069_13:33:34
069_13:33:34	0	DFMS	Mode	522	0	20	2688	069_14:18:22
069_14:18:22	0	DFMS	Mode	522	0	20	2688	069_15:03:10
069_15:03:10	0	DFMS	Mode	522	0	20	2688	069_15:47:58
069_15:47:58	0	DFMS	Mode	522	0	20	2688	069_16:32:46
069_16:32:46	0	DFMS	Mode	260	0	1	1728	069_17:01:34
069_17:01:34	0	DFMS	Mode	502	0	16	21760	069_23:04:14
069_23:11:50	1	DFMS	Flight sequence	ARNS081B	0	0	10	069_03:09:10
069_23:12:00	0	DFMS	Mode	1	0	0	120	069_03:11:10
069_23:14:00	0	DFMS	Flight sequence	ARNF014B	0	0	125	069_23:16:05
069_23:18:05	0	COPS	Flight sequence	ARNF011A	0	0	210	069_23:21:35

**MOCM 23:25 => 02:35**