

JST7/2(Wed) GMT181-182 Soret Facet C/O

Event	Homegenization (Temperature#1)		Cyclic Start	Temp. Control 1 (Temperature#2)		Temp. Control 2 (Temperature#3)		Temp. Control Stop	
Device	TL (TM1)	TH (TM2)		TL (TM1)	TH (TM2)	TL (TM1)	TH (TM2)	TL (TM1)	TH (TM2)
Temperature (°C)	27	52		-	-	27	58	Power OFF	
Time (hh:mm:ss)	23:38:11	0:32:49	4:24:18	-	-	4:40:00	4:40:00	5:28:57	5:26:50

cmd Time

cmd Time

Telemetry Time

Telemetry Time

cmd Time

cmd Time

Movie File Name	Start Time (hh:mm:ss)	End Time (hh:mm:ss)	AOS-LOS Time Gap (ss;ff)
001A**.mpg	4:26:06	5:02:55	-
002L**.mpg	5:02:10	5:05:28	00;22
003A**.mpg	5:04:37	5:35:59	-

Duration	
Homegenization(Temperature#1)	4:07:11
Temp. Control 1(Temperature#2)	-
Temp. Control 2(Temperature#3)	0:46:50

JST7/8(Tue) GMT188-189 Soret Facet 1-1(Melting Point)

Event	Homegenization (Temperature#1)		Cyclic Start	Temp. Control 1 (Temperature#2)		Temp. Control 2 (Temperature#3)		Temp. Control Stop	
Device	TL (TM1)	TH (TM2)		TL (TM1)	TH (TM2)	TL (TM1)	TH (TM2)	TL (TM1)	TH (TM2)
Temperature (°C)	22	52.5		-	-	-	-	Power OFF	
Time (hh:mm:ss)	23:32:45	0:14:13	-	-	-	-	-	5:32:29	5:32:52

cmd Time		cmd Time		cmd Time		cmd Time	
Movie File Name	Start Time (hh:mm:ss)	End Time (hh:mm:ss)	AOS-LOS Time Gap (ss;ff)	Duration			
001A**-000.mpg	23:30:08	23:52:57	-	Homegenization(Temperature#1)		5:18:16	
001A**-001.mpg	23:53:05	0:08:15	-	Temp. Control 1(Temperature#2)		-	
002A**-000.mpg	0:12:05	0:29:18	-	Temp. Control 2(Temperature#3)		-	
003A**-000.mpg	1:02:55	1:46:55	-				
004A**-000.mpg	1:48:36	1:49:03	-				
005A**-000.mpg	1:51:10	2:01:58	-				
006A**-000.mpg	2:04:05	2:06:13	-				
007A**-000.mpg	2:08:03	2:14:32	-				
008A**-000.mpg	2:25:58	2:27:50	-				
009A**-000.mpg	2:44:22	3:24:55	-				
010A**-000.mpg	3:28:29	3:52:25	-				
011A**-000.mpg	3:53:18	4:08:31	-				
012A**-000.mpg	4:19:09	5:05:21	-				
013A**-000.mpg	5:07:03	5:25:39	-				
014A**-000.mpg	5:27:08	5:43:12	-				

JST7/9(Wed) GMT189-190 Soret Facet 1-2(Solid/Liquid Soret)

Event	Homegenization (Temperature#1)		Cyclic Start	Temp. Control 1 (Temperature#2)		Temp. Control 2 (Temperature#3)		Temp. Control Stop	
Device	TL (TM1)	TH (TM2)		TL (TM1)	TH (TM2)	TL (TM1)	TH (TM2)	TL (TM1)	TH (TM2)
Temperature (°C)	27	52.5		-	-	27	58.5	2K/min	
Time (hh:mm:ss)	16:17:39	16:20:24	23:39:05	-	-	-	0:20:00	9:20:00	9:20:00

Movie File Name	Start Time (hh:mm:ss)	End Time (hh:mm:ss)	AOS-LOS Time Gap (ss;ff)
001A**.mpg	0:13:33	0:56:55	-
002L**.mpg	0:56:07	0:59:22	1;02
003A**.mpg	0:58:35	1:20:46	-
004L**.mpg	1:20:00	1:52:44	1:01
005A**.mpg	1:51:49	2:35:55	-
006L**.mpg	2:32:11	2:38:39	1;00
007A**.mpg	2:37:36	3:18:55	-
008L**.mpg	3:18:13	3:31:03	0;18
009A**.mpg	3:29:57	4:15:52	-
010L**.mpg	4:15:04	4:18:30	1;03
011A**.mpg	4:17:35	4:57:13	-
012L**.mpg	4:56:26	5:09:09	0;28
013A**.mpg	5:07:28	5:54:12	-
014L**.mpg	5:53:28	5:56:37	0;27
015A**.mpg	5:55:54	6:37:06	-
016L**.mpg	6:36:23	6:49:26	0;27
017A**.mpg	6:48:56	7:29:55	-
018L**.mpg	7:29:10	7:33:12	0;24
019A**.mpg	7:32:32	8:08:01	-
020L**.mpg	8:07:12	8:31:02	1;02
021A**.mpg	8:29:56	9:10:55	-
022L**.mpg	9:10:07	9:13:14	1;16
023A**.mpg	9:12:23	9:34:53	-

Duration	
Homegenization(Temperature#1)	7:59:36
Temp. Control 1(Temperature#2)	-
Temp. Control 2(Temperature#3)	9:00:00

JST7/10(Thu) GMT190-191 Soret Facet 1-3(Solid/Liquid Soret)

Event	Homegenization (Temperature#1)		Cyclic Start	Temp. Control 1 (Temperature#2)		Temp. Control 2 (Temperature#3)		Temp. Control Stop	
Device	TL (TM1)	TH (TM2)		TL (TM1)	TH (TM2)	TL (TM1)	TH (TM2)	TL (TM1)	TH (TM2)
Temperature (°C)	27	52.5		-	-	27	62.5	6K/min	
Time (hh:mm:ss)	16:13:18	16:15:17	22:33:04	-	-	-	23:40:00	9:40:00	9:40:00

Movie File Name	Start Time (hh:mm:ss)	End Time (hh:mm:ss)	AOS-LOS Time Gap (ss;ff)
001A**.mpg	23:24:29	0:07:55	-
002L**.mpg	0:07:07	0:10:18	1;03
003A**.mpg	0:09:30	0:45:56	-
004L**.mpg	0:45:07	1:04:05	1;05
005A**.mpg	1:03:05	1:45:55	-
006L**.mpg	1:45:03	1:49:16	1;00
007A**.mpg	1:47:37	2:29:33	-
008L**.mpg	2:28:45	2:41:33	0;28
009A**.mpg	2:40:46	3:22:55	-
010L**.mpg	3:22:12	3:25:30	1;04
011A**.mpg	3:24:38	4:08:26	-
012L**.mpg	4:07:40	4:20:40	0;23
013A**.mpg	4:19:55	5:04:56	-
014L**.mpg	5:04:07	5:07:14	1;17
015A**.mpg	5:06:36	5:48:12	-
016L**.mpg	5:47:22	6:01:44	0;27
017A**.mpg	5:59:32	6:32:05	-
018L**.mpg	6:31:14	6:35:31	1;00
019A**.mpg	6:34:42	7:19:00	-
020L**.mpg	7:18:11	7:39:01	1;02
021A**.mpg	7:36:37	8:22:56	-
022L**.mpg	8:22:03	8:25:18	0;28
023A**.mpg	8:24:27	9:02:06	-
024L**.mpg	9:01:16	9:20:28	1;03
025A**.mpg	9:18:35	9:52:14	-

Duration	
Homegenization(Temperature#1)	7:24:43
Temp. Control 1(Temperature#2)	-
Temp. Control 2(Temperature#3)	10:00:00

JST7/18(Fri) GMT198-199 Soret Facet 1-2r(Solid/Liquid Soret)

Event	Homegenization (Temperature#1)		Cyclic Start	Temp. Control 1 (Temperature#2)		Temp. Control 2 (Temperature#3)		Temp. Control Stop	
Device	TL (TM1)	TH (TM2)		TL (TM1)	TH (TM2)	TL (TM1)	TH (TM2)	TL (TM1)	TH (TM2)
Temperature (°C)	27	52.5		-	-	27	58.5	2K/min	
Time (hh:mm:ss)	17:40:07	17:52:26	22:55:26	-	-	-	23:40:00	9:45:00	9:45:00

Movie File Name	Start Time (hh:mm:ss)	End Time (hh:mm:ss)	AOS-LOS Time Gap (ss;ff)
001A**.mpg	23:25:18	0:02:55	-
002L**.mpg	0:00:08	0:07:05	00;29
003A**.mpg	0:04:55	0:52:41	-
004L**.mpg	0:50:01	1:03:58	00;24
005A**.mpg	1:03:09	1:42:55	-
006L**.mpg	1:40:11	1:46:27	01;03
007A**.mpg	1:45:16	2:30:58	-
008L**.mpg	2:26:09	2:43:52	01;01
009A**.mpg	2:39:21	3:17:55	-
010L**.mpg	3:15:23	3:21:18	01;06
011A**.mpg	3:20:23	4:06:57	-
012L**.mpg	4:01:47	4:23:07	01;15
013A**.mpg	4:21:18	4:25:00	-
014L**.mpg	4:23:25	4:45:14	00;29
015A**.mpg	4:44:08	4:52:54	-
016L**.mpg	4:51:16	4:57:39	01;03
017A**.mpg	4:56:40	5:44:36	-
018L**.mpg	5:43:10	6:06:24	01;16
019A**.mpg	6:05:01	6:41:56	-
020L**.mpg	6:41:19	6:44:11	01;05
021A**.mpg	6:43:21	7:24:02	-
022L**.mpg	7:23:18	7:46:45	00;25
023A**.mpg	7:45:12	8:32:22	-
024L**.mpg	8:31:34	8:37:30	00;20
025A**.mpg	8:33:51	8:51:14	-
026L**.mpg	8:50:24	9:26:28	01;03
027A**.mpg	9:24:54	9:55:42	-

Duration	
Homegenization(Temperature#1)	5:47:34
Temp. Control 1(Temperature#2)	-
Temp. Control 2(Temperature#3)	10:05:00

JST8/5(Tue) GMT216-217 Soret Facet 1-3r(Solid/Liquid Soret)

Event	Homegenization (Temperature#1)		Cyclic Start	Temp. Control 1 (Temperature#2)		Temp. Control 2 (Temperature#3)		Temp. Control Stop	
Device	TL (TM1)	TH (TM2)		TL (TM1)	TH (TM2)	TL (TM1)	TH (TM2)	TL (TM1)	TH (TM2)
Temperature (°C)	27	52.5		-	-	27	62.5	-	
Time (hh:mm:ss)	16:30:52	16:56:16	23:49:00	-	-	-	1:30:00	9:38:41	9:38:08

Movie File Name	Start Time (hh:mm:ss)	End Time (hh:mm:ss)	AOS-LOS Time Gap (ss;ff)
001A**.mpg	1:15:11	1:59:56	-
002L**.mpg	1:59:08	2:02:24	0;27
003A**.mpg	2:01:45	2:37:04	-
004L**.mpg	2:36:17	2:57:17	1;11
005A**.mpg	2:56:37	3:35:55	-
006L**.mpg	3:35:06	4:03:39	1;01
007A**.mpg	4:03:06	4:18:49	-
008L**.mpg	4:18:01	4:31:33	0;22
009A**.mpg	4:30:51	5:12:43	-
010L**.mpg	5:11:53	5:20:46	0;25
011A**.mpg	5:19:56	6:00:40	-
012L**.mpg	5:59:53	6:08:47	0;25
013A**.mpg	6:07:21	6:47:55	-
014L**.mpg	6:47:10	6:51:14	0;25
015A**.mpg	6:49:58	7:30:59	-
016L**.mpg	7:29:53	8:05:19	0;28
017A**.mpg	8:03:42	8:31:54	-
018L**.mpg	8:31:05	8:35:14	1;15
019A**.mpg	8:33:58	9:07:40	-
020L**.mpg	9:06:50	9:24:04	0;24
021A**.mpg	9:23:13	9:49:22	-

Duration	
Homegenization(Temperature#1)	8:33:44
Temp. Control 1(Temperature#2)	-
Temp. Control 2(Temperature#3)	8:08:41

JST8/6(Wed) GMT217-218 Soret Facet 1-4(Solid/Liquid Soret)

Event	Homegenization (Temperature#1)		Cyclic Start	Temp. Control 1 (Temperature#2)		Temp. Control 2 (Temperature#3)		Temp. Control Stop	
Device	TL (TM1)	TH (TM2)		TL (TM1)	TH (TM2)	TL (TM1)	TH (TM2)	TL (TM1)	TH (TM2)
Temperature (°C)	27	52.5		-	-	27	72.5	-	
Time (hh:mm:ss)	16:15:15	16:17:44	0:46:01	-	-	-	1:15:00	10:19:00	10:19:24

Movie File Name	Start Time (hh:mm:ss)	End Time (hh:mm:ss)	AOS-LOS Time Gap (ss;ff)
000A**.mpg	0:35:52	0:45:12	-
001A**.mpg	1:10:44	1:45:49	-
002L**.mpg	1:45:02	2:08:09	1;19
003A**.mpg	2:07:18	2:46:55	-
004L**.mpg	2:46:06	2:49:55	1;05
005A**.mpg	2:48:53	3:29:03	-
006L**.mpg	3:28:13	3:42:40	0;23
007A**.mpg	3:42:04	4:22:59	-
008L**.mpg	4:22:12	4:33:13	1;04
009A**.mpg	4:31:47	4:42:48	-
010L**.mpg	4:41:57	4:44:40	0;24
011A**.mpg	4:43:53	5:11:11	-
012L**.mpg	5:10:41	5:20:44	0;29
013A**.mpg	5:18:41	5:59:56	-
014L**.mpg	5:59:11	6:03:36	0;24
015A**.mpg	6:02:08	6:25:25	-
016L**.mpg	6:24:38	6:27:49	1;05
017A**.mpg	6:26:26	6:47:50	-
018L**.mpg	6:47:03	6:57:12	0;27
019A**.mpg	6:56:12	7:42:20	-
020L**.mpg	7:41:33	7:47:12	0;25
021A**.mpg	7:44:57	8:18:51	-
022L**.mpg	8:17:21	8:21:48	1;01
023A**.mpg	8:19:54	8:25:47	-
024L**.mpg	8:24:57	9:02:54	1;04
025A**.mpg	9:01:26	9:19:55	-
026L**.mpg	9:19:05	9:23:16	1;00
027A**.mpg	9:21:55	9:59:57	-
028L**.mpg	9:59:08	10:20:51	0;26
029A**.mpg	10:16:36	10:22:22	-

Duration	
Homegenization(Temperature#1)	8:57:16
Temp. Control 1(Temperature#2)	-
Temp. Control 2(Temperature#3)	9:04:00

JST8/7(Thu) GMT218-219 Soret Facet 1-5(Liquid Soret)

Event	Homegenization (Temperature#1)		Cyclic Start	Temp. Control 1 (Temperature#2)		Temp. Control 2 (Temperature#3)		Temp. Control Stop	
Device	TL (TM1)	TH (TM2)		TL (TM1)	TH (TM2)	TL (TM1)	TH (TM2)	TL (TM1)	TH (TM2)
Temperature (°C)	60	60		-	-	30	-	-	
Time (hh:mm:ss)	19:28:18	19:28:52	0:09:29	-	-	1:30:00	-	9:53:02	9:53:42

Movie File Name	Start Time (hh:mm:ss)	End Time (hh:mm:ss)	AOS-LOS Time Gap (ss;ff)
001A**.mpg	1:16:55	1:59:56	-
002L**.mpg	1:59:16	2:03:37	1;14
003A**.mpg	2:01:48	2:39:03	-
004L**.mpg	2:38:12	2:57:37	0;27
005A**.mpg	2:56:02	3:34:06	-
006L**.mpg	3:32:54	3:37:33	0;29
007A**.mpg	3:36:05	4:13:16	-
008L**.mpg	4:12:14	4:30:41	0;29
009A**.mpg	4:29:48	5:10:56	-
010L**.mpg	5:10:08	5:13:51	1;07
011A**.mpg	5:12:59	5:59:33	-
012L**.mpg	5:58:39	6:09:07	0;27
013A**.mpg	6:07:30	6:47:55	-
014L**.mpg	6:47:04	6:51:34	0;29
015A**.mpg	6:49:58	7:29:09	-
016L**-1.mpg	7:28:23	8:04:44	1;05
016L**-2.mpg	8:04:46	8:25:32	1;05
017A**.mpg	8:24:18	8:58:23	-
018L**.mpg	8:57:35	9:05:19	0;26
019A**.mpg	9:02:24	9:09:16	-
020L**.mpg	9:08:31	9:28:21	1;03
021A**.mpg	9:25:16	9:40:00	-
022L**.mpg	9:39:28	9:41:48	0;24
023A**.mpg	9:40:11	10:00:09	-

Homogenization

Movie File Name	Start Time (hh:mm:ss)	End Time (hh:mm:ss)
0**.mpg	16:04:17	16:09:37
1**.mpg	21:51:01	22:20:28
2**.mpg	22:41:52	23:13:12
3**.mpg	23:35:47	23:44:41
4**.mpg	23:46:32	0:08:49
5**.mpg	0:25:43	0:55:02

Duration	
Homegenization(Temperature#1)	6:01:08
Temp. Control 1(Temperature#2)	-
Temp. Control 2(Temperature#3)	8:23:02

Commanding Time	
Cell Moving 1	23:39:57
Cell Moving 2	9:50:22

JST8/8(Fri) GMT219-220 Soret Facet 1-6(Liquid Soret)

Event	Homegenization (Temperature#1)		Cyclic Start	Temp. Control 1 (Temperature#2)		Temp. Control 2 (Temperature#3)		Temp. Control Stop	
Device	TL (TM1)	TH (TM2)		TL (TM1)	TH (TM2)	TL (TM1)	TH (TM2)	TL (TM1)	TH (TM2)
Temperature (°C)	55	55		-	-	30	-	-	
Time (hh:mm:ss)	17:06:52	17:08:04	0:31:31	-	-	0:50:00	-	9:31:38	9:32:04

Movie File Name	Start Time (hh:mm:ss)	End Time (hh:mm:ss)	AOS-LOS Time Gap (ss;ff)
001A**.mpg	0:33:09	1:09:55	-
002L**.mpg	1:09:06	1:13:53	1;13
003A**.mpg	1:11:46	1:48:26	-
004L**.mpg	1:47:35	2:10:01	1;07
005A**.mpg	2:06:58	2:44:55	-
006L**.mpg	2:44:06	2:48:21	1;07
007A**.mpg	2:46:54	3:29:22	-
008L**.mpg	3:28:36	3:52:36	0;24
009A**.mpg	3:41:17	4:20:30	-
010L**.mpg	4:19:46	4:35:10	1;05
011A**.mpg	4:34:40	4:46:18	-
012L**.mpg	4:45:26	4:51:25	0;26
013A**.mpg	4:50:58	5:10:39	-
014L**.mpg	5:09:46	5:19:03	1;02
015A**.mpg	5:17:47	5:59:56	-
016L**.mpg	5:59:03	6:03:08	0;27
017A**.mpg	6:01:59	6:40:48	-
018L**.mpg	6:38:43	6:44:37	0;22
019A**.mpg	6:42:48	6:46:20	-
020L**.mpg	6:45:34	6:55:08	0;22
021A**.mpg	6:54:41	7:33:16	-
022L**.mpg	7:32:40	7:36:35	1;02
023A**.mpg	7:35:18	8:24:27	-
024L**.mpg	8:23:39	9:11:54	1;12
025A**.mpg	9:09:52	9:21:56	-
026L**.mpg	9:21:13	9:25:00	1;12
027A**.mpg	9:23:52	9:56:41	-
028L**.mpg	9:54:21	9:57:30	1;06

Homogenization

Movie File Name	Start Time (hh:mm:ss)	End Time (hh:mm:ss)
0**.mpg	17:04:26	17:16:39
1**.mpg	17:18:38	17:32:42
2**.mpg	17:44:41	18:24:56
3**.mpg	18:27:00	19:05:15
4**.mpg	19:22:35	19:59:55
5**.mpg	20:01:57	20:48:36
6**.mpg	21:01:32	21:29:38
7**.mpg	21:38:41	22:23:26
8**.mpg	22:44:48	23:14:43

Duration	
Homegenization(Temperature#1)	7:41:56
Temp. Control 1(Temperature#2)	-
Temp. Control 2(Temperature#3)	8:41:38

Commanding Time	
Cell Moving 1	22:45:56
Cell Moving 2	9:26:42

JST8/9(Sat) GMT220-221 Soret Facet 1-7(Liquid Soret)

Event	Homegenization (Temperature#1)		Cyclic Start	Temp. Control 1 (Temperature#2)		Temp. Control 2 (Temperature#3)		Temp. Control Stop	
Device	TL (TM1)	TH (TM2)		TL (TM1)	TH (TM2)	TL (TM1)	TH (TM2)	TL (TM1)	TH (TM2)
Temperature (°C)	50	50		-	-	40	-	-	
Time (hh:mm:ss)	17:06:35	17:07:47	23:45:24	-	-	0:00:00	-	9:35:17	9:35:57

Soret

Movie File Name	Start Time (hh:mm:ss)	End Time (hh:mm:ss)	AOS-LOS Time Gap (ss;ff)
001A**.mpg	23:46:26	0:19:55	-
002L**.mpg	0:18:43	0:32:20	1;02
003A**.000.mpg	0:29:25	0:45:30	-
003A**.001.mpg	0:45:36	0:57:07	-
004L**.mpg	0:55:23	1:18:46	1;06
005A**.mpg	1:18:10	1:56:55	-
006L**.mpg	1:56:06	1:59:37	0;25
007A**.mpg	1:58:53	2:39:25	-
008L**.mpg	2:38:11	2:52:58	0;25
009A**.mpg	2:52:29	3:34:02	-
010L**.mpg	3:32:49	3:40:25	1;05
011A**.mpg	3:39:56	4:21:17	-
012L**.mpg	4:19:58	4:29:36	0;29
013A**.mpg	4:29:03	5:08:56	-
014L**.mpg	5:07:40	5:11:29	0;26
015A**.mpg	5:10:58	5:51:49	-
016L**.mpg	5:50:58	6:07:14	1;05
017A**.mpg	6:06:42	6:52:57	-
018L**.mpg	6:52:07	6:56:35	1;17
019A**.mpg	6:55:57	7:28:42	-
020L**.mpg	7:27:27	7:57:54	0;28
021A**.mpg	7:56:01	8:12:16	-
022L**.mpg	8:10:55	8:31:23	1;03
023A**.mpg	8:30:27	9:12:25	-
024L**.mpg	9:11:35	9:33:36	1;00
025A**.mpg	9:28:34	9:58:56	-

Homogenization

Movie File Name	Start Time (hh:mm:ss)	End Time (hh:mm:ss)
0**.mpg	17:04:11	17:15:32
1**.mpg	17:37:04	18:16:33
2**.mpg	18:33:21	18:37:24
3**.mpg	19:16:58	19:53:06
4**.mpg	20:48:58	21:37:09
5**.mpg	21:53:48	22:22:47
6**.mpg	22:44:56	23:13:38

Duration	
Homegenization(Temperature#1)	6:52:13
Temp. Control 1(Temperature#2)	-
Temp. Control 2(Temperature#3)	9:35:17

Commanding Time	
Cell Moving 1	22:47:35
Cell Moving 2	8:46:08

JST8/11(Mon) GMT223-224 Soret Facet 1-9(Liquid Diffusion)

Event	Homegenization (Temperature#1)		Cyclic Start	Temp. Control 1 (Temperature#2)		Temp. Control 2 (Temperature#3)		Temp. Control Stop	
Device	TL (TM1)	TH (TM2)		TL (TM1)	TH (TM2)	TL (TM1)	TH (TM2)	TL (TM1)	TH (TM2)
Temperature (°C)	60	60		30	60	60	60	-	
Time (hh:mm:ss)	10:04:15	10:05:24	16:36:50	17:10:00	-	0:30:00	-	9:33:48	9:34:15

Soret

Movie File Name	Start Time (hh:mm:ss)	End Time (hh:mm:ss)	AOS-LOS Time Gap (ss;ff)
001A**.mpg	16:43:37	17:31:57	-
002L**.mpg	17:31:11	17:42:29	0;20
003A**.mpg	17:41:26	18:19:56	-
004L**.mpg	18:19:09	18:22:34	1;03
005A**.mpg	18:21:35	19:02:34	-
006L**-000.mpg	19:01:46	19:41:08	0;25
006L**-001.mpg	19:41:10	19:56:26	
007A**.mpg	19:55:39	20:46:48	-
008L**.mpg	20:45:56	21:03:43	0;27
009A**.mpg	21:02:03	21:51:44	-
010L**.mpg	21:50:53	22:00:59	1;00
011A**.mpg	22:00:20	22:19:16	-
012L**.mpg	22:18:27	22:43:45	0;24
013A**.mpg	22:43:13	22:59:15	-
014L**.mpg	22:58:28	23:20:46	0;23
015A**.mpg	23:20:09	23:31:01	-
016L**.mpg	23:30:09	23:53:36	0;29
017A**.mpg	23:49:00	0:07:38	-
018L**.mpg	0:06:50	0:25:43	0;29
019A**.mpg	0:24:48	1:03:55	-
020L**.mpg	1:03:08	1:06:05	0;17
021A**.mpg	1:05:36	1:52:39	-
022L**.mpg	1:51:52	2:00:55	0;22
023A**.mpg	2:00:15	2:41:56	-
024L**.mpg	2:41:11	2:44:27	0;26
025A**.mpg	2:43:37	3:24:31	-
026L**.mpg	3:23:44	3:37:43	0;27
027A**.mpg	3:36:51	3:48:59	-
028L**.mpg	3:47:53	4:20:27	0;28
029A**.mpg	4:18:58	5:01:49	-
030L**.mpg	5:01:12	5:14:15	1;04
031A**.mpg	5:13:39	5:59:56	-
032L**.mpg	5:59:10	6:02:15	1;17
033A**.mpg	6:01:37	6:43:50	-
034L**.mpg	6:43:00	7:01:05	1;21
035A**.mpg	7:00:20	7:12:16	-
036L**.mpg	7:11:25	7:33:41	1;14
037A**.mpg	7:32:49	8:20:14	-
038L**.mpg	8:19:27	8:45:58	1;14
039A**.mpg	8:44:40	9:28:56	-
040L**.mpg	9:28:10	9:31:40	0;21
041A**.mpg	9:30:33	10:01:25	-

Homogenization

Movie File Name	Start Time (hh:mm:ss)	End Time (hh:mm:ss)
0**.mpg	10:01:41	10:16:16
1**.mpg	11:11:23	11:46:48
2**.mpg	12:02:01	12:30:22
3**.mpg	12:47:35	13:30:22
4**.mpg	13:32:01	14:13:27
5**.mpg	14:23:53	14:52:43
6**.mpg	15:11:34	15:52:10

Duration	
Homegenization(Temperature#1)	7:04:36
Temp. Control 1(Temperature#2)	7:20:00
Temp. Control 2(Temperature#3)	9:03:48

Commanding Time	
Cell Moving 1	16:46:46
Cell Moving 2	9:15:36

JST8/13(Wed) GMT224-225 Soret Facet 1-8(Liquid Soret)

Event	Homegenization (Temperature#1)		Cyclic Start	Temp. Control 1 (Temperature#2)		Temp. Control 2 (Temperature#3)		Temp. Control Stop	
Device	TL (TM1)	TH (TM2)		TL (TM1)	TH (TM2)	TL (TM1)	TH (TM2)	TL (TM1)	TH (TM2)
Temperature (°C)	48	48		-	-	42	-	-	
Time (hh:mm:ss)	16:57:23	16:58:11	23:50:00	-	-	0:30:00	-	9:37:36	9:37:59

Soret

Movie File Name	Start Time (hh:mm:ss)	End Time (hh:mm:ss)	AOS-LOS Time Gap (ss;ff)
001A**.mpg	0:17:31	1:02:37	-
002L**.mpg	1:02:06	1:11:42	1;01
003A**.mpg	1:11:10	1:53:56	-
004L**.mpg	1:53:02	1:56:07	0;28
005A**.mpg	1:55:35	2:41:04	-
006L**.mpg	2:40:18	2:48:43	1;12
007A**.mpg	2:47:53	3:27:56	-
008L**.mpg	3:27:03	3:30:51	1;02
009A**.mpg	3:29:37	4:12:53	-
010L**.mpg	4:12:06	4:25:08	1;03
011A**.mpg	4:24:33	5:13:56	-
012L**.mpg	5:13:06	5:17:24	1;14
013A**.mpg	5:15:36	5:55:20	-
014L**.mpg	5:54:33	6:22:43	0;28
015A**.mpg	6:21:46	6:39:09	-
016L**.mpg	6:38:22	6:43:48	0;29
017A**.mpg	6:41:52	7:29:42	-
018L**.mpg	7:28:55	8:05:30	1;04
019A**.mpg	8:03:53	8:12:15	-
020L**.mpg	8:11:26	8:24:39	1;06
021A**.mpg	8:22:49	8:33:56	-
022L**.mpg	8:33:06	8:36:21	0;19
023A**.mpg	8:35:31	9:08:35	-
024L**.mpg	9:07:50	9:32:27	0;28
025A**.mpg	9:31:45	10:18:56	-

Homogenization

Movie File Name	Start Time (hh:mm:ss)	End Time (hh:mm:ss)
0**-000.mpg	16:52:37	17:04:21
0**-001.mpg	17:06:32	17:16:53
1**.mpg	20:16:56	20:50:05
2**.mpg	21:04:13	21:35:52
3**.mpg	21:53:35	22:43:21
4**.mpg	23:51:14	0:15:55

Duration	
Homegenization(Temperature#1)	7:31:49
Temp. Control 1(Temperature#2)	-
Temp. Control 2(Temperature#3)	9:07:36

Commanding Time	
Cell Moving 1	23:57:07
Cell Moving 2	9:33:20

JST8/14(Thu) GMT226-227 Soret Facet 1-10(Liquid Diffusion)

Event	Homegenization (Temperature#1)		Cyclic Start	Temp. Control 1 (Temperature#2)		Temp. Control 2 (Temperature#3)		Temp. Control Stop	
Device	TL (TM1)	TH (TM2)		TL (TM1)	TH (TM2)	TL (TM1)	TH (TM2)	TL (TM1)	TH (TM2)
Temperature (°C)	55	55		35	55	55	55	-	
Time (hh:mm:ss)	10:24:58	10:26:35	16:55:50	17:40:00	-	23:40:00	-	9:53:48	9:54:36

Soret

Movie File Name	Start Time (hh:mm:ss)	End Time (hh:mm:ss)	AOS-LOS Time Gap (ss;ff)
001A**.mpg	17:31:35	18:12:10	-
002L**.mpg	18:11:20	18:30:56	0;26
003A**.mpg	18:29:28	19:02:37	-
004L**.mpg	19:01:47	19:07:15	0;25
005A**.mpg	19:06:23	19:57:26	-
006L**.mpg	19:56:42	20:15:23	1;11
007A**.mpg	20:14:06	21:03:38	-
008L**.mpg	21:02:50	21:15:15	0;25
009A**.mpg	21:14:39	21:35:21	-
010L**.mpg	21:34:33	21:56:53	1;07
011A**.mpg	21:55:19	22:41:55	-
012L**.mpg	22:41:07	22:47:54	1;00
013A**.mpg	22:46:01	22:57:16	-
014L**.mpg	22:56:45	23:07:31	0;20
015A**.mpg	23:04:48	23:18:28	-
016L**.mpg	23:17:48	23:36:08	0;23
017A**.mpg	23:35:02	0:14:55	-
018L**.mpg	0:10:36	0:17:05	1;02
019A**.mpg	0:16:33	1:02:42	-
020L**.mpg	1:01:55	1:13:18	0;28
021A**.mpg	1:10:12	1:51:55	-
022L**.mpg	1:51:06	1:54:06	0;28
023A**.mpg	1:53:37	2:34:21	-
024L**.mpg	2:33:35	2:48:57	1;02
025A**.mpg	2:46:52	3:27:56	-
026L**.mpg	3:27:10	3:31:22	1;04
027A**.mpg	3:29:37	4:16:39	-
028L** 000.mpg	4:15:53	4:29:06	0;26
028L** 001.mpg	4:29:09	5:07:13	-
029A**.mpg	5:04:53	5:11:55	-
030L**.mpg	5:11:12	5:13:45	1;08
031A**.mpg	5:12:44	5:53:34	-
032L** 000.mpg	5:52:49	6:06:12	1;03
032L** 001.mpg	6:06:15	6:44:03	-
033A**.mpg	6:43:23	7:29:15	-
034L**.mpg	7:28:23	7:52:13	1;09
035A**.mpg	7:49:35	8:13:34	-
036L**.mpg	8:10:42	8:18:41	1;08
037A**.mpg	8:17:18	8:29:56	-
038A**.mpg	9:42:03	10:14:55	-

*8:29:56-9:42:03 : No Data (IPU Trouble)

Duration	
Homegenization(Temperature#1)	7:13:25
Temp. Control 1(Temperature#2)	6:00:00
Temp. Control 2(Temperature#3)	10:13:48

Commanding Time	
Cell Moving 1	17:03:23
Cell Moving 2	9:43:51

Homogenization

Movie File Name	Start Time (hh:mm:ss)	End Time (hh:mm:ss)
1**.mpg	11:01:31	11:21:26
2**.mpg	11:57:36	12:17:33
3**.mpg	12:42:23	13:02:20
4**.mpg	13:34:37	13:54:32
5**.mpg	14:20:41	14:40:37
6**.mpg	15:11:45	15:31:41
7**.mpg	15:51:27	16:11:22
8**.mpg	16:56:51	17:15:35

JST8/18(Mon) GMT230-231 Soret Facet 1-11(Liquid Diffusion)

Event	Homegenization (Temperature#1)		Cyclic Start	Temp. Control 1 (Temperature#2)		Temp. Control 2 (Temperature#3)		Temp. Control Stop	
Device	TL (TM1)	TH (TM2)		TL (TM1)	TH (TM2)	TL (TM1)	TH (TM2)	TL (TM1)	TH (TM2)
Temperature (°C)	50	50		40	50	50	50	-	
Time (hh:mm:ss)	13:58:00	13:59:11	20:38:34	22:10:00	-	4:40:00	-	14:28:51	14:29:15

Soret

Movie File Name	Start Time (hh:mm:ss)	End Time (hh:mm:ss)	AOS-LOS Time Gap (ss;ff)
001A**.mpg	21:59:40	22:38:56	-
002L**.mpg	22:38:08	22:40:59	1;04
003A**.mpg	22:40:34	23:01:43	-
004L**.mpg	23:00:58	23:02:55	1;05
005A**.mpg	23:02:28	23:16:16	-
006L**.mpg	23:15:33	23:34:05	1;01
007A**.mpg	23:33:16	0:14:55	-
008L**.mpg	0:14:02	0:16:57	1;00
009A**.mpg	0:16:36	0:57:03	-
010L**.mpg	0:56:16	1:11:59	1;20
011A**.mpg	1:10:11	1:51:56	-
012L**.mpg	1:51:10	1:54:04	0;29
013A**.mpg	1:53:37	2:40:17	-
014L**.mpg	2:39:31	2:49:01	0;21
015A**.mpg	2:48:05	2:58:15	-
016L**.mpg	2:57:32	2:59:39	1;05
017A**-000.mpg	2:59:06	3:13:24	-
017A**-001.mpg	3:13:31	3:20:15	-
018L**.mpg	3:19:29	3:36:41	1;01
019A**.mpg	3:36:16	4:16:47	-
020L**.mpg	4:16:01	4:31:33	0;29
021A**.mpg	4:30:40	5:14:55	-
022L**.mpg	5:14:12	5:17:31	1;05
023A**.mpg	5:16:32	5:52:25	-
024L**-000.mpg	5:51:37	6:23:11	0;29
024L**-001.mpg	6:23:13	6:51:40	0;29
025A**.mpg	6:51:00	7:32:54	-
026L**.mpg	7:32:05	7:57:12	0;25
027A**.mpg	7:54:59	8:45:06	-
028L**.mpg	8:44:22	8:48:27	1;11
029A**.mpg	8:46:41	9:12:15	-
030L**.mpg	9:11:16	9:33:46	1;18
031A**.mpg	9:31:41	10:11:55	-
032L**.mpg	10:11:06	10:14:58	1;05
033A**.mpg	10:13:35	10:57:16	-
034L**.mpg	10:56:32	11:11:16	1;16
035A**.mpg	11:09:17	11:51:55	-
036L**.mpg	11:49:20	11:54:11	0;20
037A**.mpg	11:53:37	12:36:07	-
038L**.mpg	12:35:20	12:46:52	1;07
039A**.mpg	12:46:02	13:16:37	-
040L**.mpg	13:19:06	13:47:17	-
041A**.mpg	13:43:58	14:17:13	-
042A**.mpg	14:26:20	15:00:22	-

*13:16:38-13:19:05 : No Data (IPU Trouble)

Duration	
Homegenization(Temperature#1)	8:10:49
Temp. Control 1(Temperature#2)	6:30:00
Temp. Control 2(Temperature#3)	9:48:51

Commanding Time	
Cell Moving 1	20:48:51
Cell Moving 2	13:56:34

Homogenization

Movie File Name	Start Time (hh:mm:ss)	End Time (hh:mm:ss)
1**.mpg	13:55:02	14:07:11
2**.mpg	14:09:42	14:18:03
3**.mpg	14:19:44	14:31:46
4**.mpg	14:32:35	15:03:57
5**.mpg	15:15:56	15:33:01
6**.mpg	19:39:37	20:00:12
7**.mpg	20:39:27	20:59:55
8**.mpg	21:01:27	21:40:58

JST8/20(Wed) GMT231-232 Soret Facet 1-13(Liquid Soret(T))

Event	Homegenization (Temperature#1)		Cyclic Start	Temp. Control 1 (Temperature#2)		Temp. Control 2 (Temperature#3)		Temp. Control Stop	
Device	TL (TM1)	TH (TM2)		TL (TM1)	TH (TM2)	TL (TM1)	TH (TM2)	TL (TM1)	TH (TM2)
Temperature (°C)	60	60		-	-	30	-	-	
Time (hh:mm:ss)	17:14:33	17:15:32	23:09:18	-	-	23:45:00	-	9:35:06	9:35:36

Soret

Movie File Name	Start Time (hh:mm:ss)	End Time (hh:mm:ss)	AOS-LOS Time Gap (ss;ff)
001A**.mpg	23:35:11	0:08:09	-
002L**.mpg	0:07:18	0:22:30	1;06
003A**.mpg	0:21:42	1:01:56	-
004L**.mpg	1:01:06	1:04:16	0;24
005A**.mpg	1:03:38	1:46:03	-
006L**.mpg	1:45:14	2:00:25	0;28
007A**.mpg	1:58:44	2:27:43	-
008L**.mpg	2:30:08	3:00:49	-
009A**.mpg	2:59:09	3:29:21	-
010L**.mpg	3:28:35	3:42:30	0;29
011A**.mpg	3:41:13	4:25:55	-
012L**.mpg	4:25:12	4:29:53	1;18
013A**.mpg	4:27:35	5:03:32	-
014L**.mpg	5:02:48	5:25:59	1;05
015A**.mpg	5:25:19	5:52:16	-
016L**.mpg	5:51:35	5:58:48	1;19
017A**.mpg	5:57:01	6:42:56	-
018L**.mpg	6:42:09	7:06:30	0;22
019A**.mpg	7:05:55	7:54:55	-
020L**.mpg	7:54:13	8:00:13	1;05
021A**.mpg	7:56:29	8:25:37	-
022L**.mpg	8:24:52	8:44:33	0;28
023A**.mpg	8:42:52	9:24:56	-
024L**.mpg	9:24:10	9:27:34	0;19
025A**.mpg	9:26:35	9:59:14	-

*2:27:39-2:30:07 : No Data (IPU Trouble)

Duration	
Homegenization(Temperature#1)	6:29:28
Temp. Control 1(Temperature#2)	-
Temp. Control 2(Temperature#3)	9:50:06
Commanding Time	
Cell Moving 1	23:28:01
Cell Moving 2	9:29:02

Homogenization

Movie File Name	Start Time (hh:mm:ss)	End Time (hh:mm:ss)
1**.mpg	17:12:26	17:23:19
2**.mpg	17:26:53	17:31:57
3**.mpg	17:58:30	18:08:56
4**.mpg	21:43:04	21:49:55
5**.mpg	21:51:31	22:15:37
6**.mpg	23:10:41	23:33:31

JST8/21(Thu) GMT233-234 Soret Facet 1-12(Liquid Diffusion)

Event	Homegenization (Temperature#1)		Cyclic Start	Temp. Control 1 (Temperature#2)		Temp. Control 2 (Temperature#3)		Temp. Control Stop	
Device	TL (TM1)	TH (TM2)		TL (TM1)	TH (TM2)	TL (TM1)	TH (TM2)	TL (TM1)	TH (TM2)
Temperature (°C)	48	48		42	48	48	48	-	
Time (hh:mm:ss)	10:00:15	10:00:54	16:28:28	17:05:00	-	23:30:00	-	9:20:39	9:21:04

Soret

Movie File Name	Start Time (hh:mm:ss)	End Time (hh:mm:ss)	AOS-LOS Time Gap (ss;ff)
001A**.mpg	16:51:18	17:26:02	-
002L**.mpg	17:25:10	17:50:19	0;25
003A**.000.mpg	17:48:48	17:53:25	-
003A**.001.mpg	17:53:27	18:29:01	-
004L**.mpg	18:28:12	18:32:08	0;28
005A**.mpg	18:30:29	19:10:49	-
006L**.mpg	19:09:59	19:37:49	1;06
007A**.mpg	19:36:34	20:12:19	-
008L**.mpg	20:11:34	20:15:04	1;17
009A**.mpg	20:13:51	20:53:27	-
010L**.mpg	20:52:38	21:11:58	0;23
011A**.mpg	21:10:37	21:49:55	-
012L**.mpg	21:49:03	21:53:04	0;25
013A**.mpg	21:51:35	22:37:27	-
014L**.mpg	22:36:36	22:45:57	1;00
015A**.mpg	22:44:29	23:24:55	-
016L**.mpg	23:24:07	23:28:01	0;25
017A**.mpg	23:26:37	0:07:52	-
018L**.mpg	0:07:02	0:25:14	1;15
019A**.mpg	0:23:46	1:05:56	-
020L**.mpg	1:05:07	1:15:04	0;20
021A**.mpg	1:13:57	1:50:10	-
022L**.mpg	1:49:23	2:03:36	1;01
023A**.mpg	2:01:33	2:47:56	-
024L**.mpg	2:47:07	2:50:44	0;29
025A**.mpg	2:49:35	3:25:54	-
026L**.mpg	3:25:08	3:43:46	1;08
027A**.mpg	3:42:03	4:29:56	-
028L**.mpg	4:29:10	4:33:32	0;21
029A**.mpg	4:31:31	5:04:10	-
030L**.mpg	5:03:22	5:28:48	0;28
031A**.mpg	5:25:00	6:11:56	-
032L**.mpg	6:11:07	6:15:00	0;25
033A**.mpg	6:13:28	6:45:04	-
034L**.mpg	6:44:13	7:10:07	1;03
035A**.mpg	7:07:32	7:44:21	-
036L**.mpg	7:43:36	7:47:37	0;29
037A**.mpg	7:45:57	8:28:08	-
038L**.mpg	8:27:26	8:44:59	0;25
039A**.mpg	8:43:02	9:23:55	-
040L**.mpg	9:23:15	9:26:42	1;05
041A**.mpg	9:25:36	9:53:20	-

Homogenization

Movie File Name	Start Time (hh:mm:ss)	End Time (hh:mm:ss)
01**.mpg	9:58:31	10:07:36
02**.mpg	10:32:46	10:52:41
03**.mpg	11:17:14	11:37:10
04**.mpg	11:54:28	12:14:23
05**.mpg	12:52:39	13:12:35
06**.mpg	13:34:56	13:54:51
07**.mpg	14:41:28	15:01:22
08**.mpg	15:12:36	15:32:30
09**.mpg	16:04:02	16:23:58
10**.mpg	16:30:53	16:49:47

Duration	
Homegenization(Temperature#1)	7:04:06
Temp. Control 1(Temperature#2)	6:25:00
Temp. Control 2(Temperature#3)	9:50:39

Commanding Time	
Cell Moving 1	16:41:25
Cell Moving 2	9:10:31

JST8/26(Tue) GMT237-238 Soret Facet 1-14(Liquid Soret(T))

Event	Homegenization (Temperature#1)		Cyclic Start	Temp. Control 1 (Temperature#2)		Temp. Control 2 (Temperature#3)		Temp. Control Stop	
Device	TL (TM1)	TH (TM2)		TL (TM1)	TH (TM2)	TL (TM1)	TH (TM2)	TL (TM1)	TH (TM2)
Temperature (°C)	50	50		-	-	40	-	-	
Time (hh:mm:ss)	17:13:26	17:14:52	23:20:42	-	-	23:50:00	-	9:38:00	9:38:51

Soret

Movie File Name	Start Time (hh:mm:ss)	End Time (hh:mm:ss)	AOS-LOS Time Gap (ss;ff)
001A**.mpg	23:26:32	0:12:04	-
002L**.mpg	0:11:16	0:29:39	1;06
003A**.mpg	0:27:03	1:17:28	-
004L**.mpg	1:16:48	1:21:38	0;28
005A**.mpg	1:20:19	1:48:03	-
006L**.mpg	1:47:16	2:09:46	0;26
007A**.mpg	2:07:57	2:50:56	-
008L**.mpg	2:50:03	2:53:31	1;01
009A**.mpg	2:52:27	3:25:56	-
010L**.000.mpg	3:25:05	3:52:37	1;06
010L**-001.mpg	3:52:39	4:18:13	-
011A**.mpg	4:16:02	5:06:12	-
012L**.mpg	5:05:35	5:33:04	0;28
013A**.mpg	5:31:48	6:21:45	-
014L**.mpg	6:20:54	6:24:27	0;26
015A**.mpg	6:23:16	6:49:07	-
016L**.mpg	6:48:15	7:10:29	1;04
017A**.mpg	7:08:23	7:47:56	-
018L**.mpg	7:47:06	7:50:32	1;02
019A**.mpg	7:49:31	8:30:43	-
020L**.mpg	8:29:59	8:47:05	0;27
021A**.mpg	8:45:54	9:25:55	-
022L**.mpg	9:25:05	9:28:37	1;05
023A**.mpg	9:27:32	10:02:09	-

Homogenization

Movie File Name	Start Time (hh:mm:ss)	End Time (hh:mm:ss)
1**.mpg	17:11:30	17:22:44
2**.mpg	17:53:48	18:13:44
3**.mpg	18:37:28	18:57:23
4**.mpg	19:31:03	19:50:58
5**.mpg	20:15:36	20:35:31
6**.mpg	21:06:45	21:26:41
7**.mpg	21:48:36	22:08:32
8**.mpg	22:48:41	23:08:35

Duration	
Homegenization(Temperature#1)	6:35:08
Temp. Control 1(Temperature#2)	-
Temp. Control 2(Temperature#3)	9:48:00

Commanding Time	
Cell Moving 1	23:32:30
Cell Moving 2	9:30:33

JST8/27(Wed) GMT238-239 Soret Facet 1-16(Liquid Soret(T))

Event	Homegenization (Temperature#1)		Cyclic Start	Temp. Control 1 (Temperature#2)		Temp. Control 2 (Temperature#3)		Temp. Control Stop	
Device	TL (TM1)	TH (TM2)		TL (TM1)	TH (TM2)	TL (TM1)	TH (TM2)	TL (TM1)	TH (TM2)
Temperature (°C)	35	35		-	-	25	-	-	
Time (hh:mm:ss)	0:45:56	0:46:26	0:02:41	-	-	4:50:00	-	13:58:37	13:59:13

Soret

Movie File Name	Start Time (hh:mm:ss)	End Time (hh:mm:ss)	AOS-LOS Time Gap (ss;ff)
001-1A**.mpg	0:34:33	0:48:23	-
001-2A**.mpg	0:48:28	0:50:06	-
001-3L **.mpg	0:49:01	0:54:56	1;15
001-4A**.mpg	0:50:43	1:01:17	-
001-5A**.mpg	1:01:21	1:04:14	-
002L**.mpg	1:04:00	1:21:04	0;25
003A**.mpg	1:18:49	1:59:56	-
004L**.mpg	1:59:06	2:02:47	0;25
005A**.mpg	2:01:28	2:37:09	-
006L**.mpg	2:36:22	3:06:37	0;27
007A**.mpg	3:04:55	3:34:56	-
008L**.mpg	3:34:08	3:38:44	0;20
009A**.mpg	3:36:26	4:17:34	-
010L**.mpg	4:16:47	4:44:43	1;01
011A**.mpg	4:42:55	5:18:56	-
012L**.mpg	5:18:07	5:22:03	0;18
013A**.mpg	5:20:26	5:49:42	-
014L**.mpg	5:48:52	6:20:42	1;00
015A**.mpg	6:19:04	6:59:56	-
016L**.mpg	6:59:06	7:02:17	0;29
017A**.mpg	7:01:31	7:20:28	-
018L**.mpg	7:19:49	7:25:37	1;02
019A**.mpg	7:23:05	7:41:10	-
020L**.mpg	7:40:22	7:59:59	0;27
021A**.mpg	7:57:04	8:45:39	-
022L**.mpg	8:44:51	8:52:17	1;03
023A**.mpg	8:49:09	9:20:20	-
024L**.mpg	9:19:43	9:36:34	1;03
025A**.mpg	9:34:02	10:14:55	-
026L**.mpg	10:13:49	10:19:40	1;02
027A**.mpg	10:16:36	11:01:26	-
028L**.mpg	11:00:36	11:15:39	1;04
029A**.mpg	11:13:57	11:53:55	-
030L**.mpg	11:53:04	11:57:22	1;05
031A**.mpg	11:55:36	12:36:49	-
032L**.mpg	12:35:56	12:48:29	0;27
033A**.mpg	12:46:43	13:29:55	-
034L**.mpg	13:29:04	13:34:14	0;28
035A**.mpg	13:31:30	14:03:13	-

Duration	
Homegenization(Temperature#1)	4:03:34
Temp. Control 1(Temperature#2)	-
Temp. Control 2(Temperature#3)	9:08:37

Commanding Time	
Cell Moving 1	3:46:38
Cell Moving 2	13:51:06

Pre-Homogenization

Movie File Name	Start Time (hh:mm:ss)	End Time (hh:mm:ss)
1**.mpg	23:35:35	23:43:25
2**.mpg	23:46:20	23:52:56
3**.mpg	23:54:56	0:02:00
4**.mpg	0:03:52	0:14:07

*Melting at 48degree-C : 23:48:30

JST8/28(Thu) GMT239-240 Soret Facet 1-15(Liquid Soret(T))

Event	Homegenization (Temperature#1)		Cyclic Start	Temp. Control 1 (Temperature#2)		Temp. Control 2 (Temperature#3)		Temp. Control Stop	
Device	TL (TM1)	TH (TM2)		TL (TM1)	TH (TM2)	TL (TM1)	TH (TM2)	TL (TM1)	TH (TM2)
Temperature (°C)	40	40		-	-	30	-	-	
Time (hh:mm:ss)	17:04:50	17:05:27	22:50:15	-	-	23:50:00	-	9:38:41	9:39:03

Soret

Movie File Name	Start Time (hh:mm:ss)	End Time (hh:mm:ss)	AOS-LOS Time Gap (ss;ff)
001A**.mpg	23:37:19	0:08:14	-
002L**.mpg	0:07:26	0:30:49	1;07
003A**.mpg	0:29:12	1:10:55	-
004L**.mpg	1:10:09	1:13:47	1;17
005A**.mpg	1:12:29	1:48:15	-
006L**.mpg	1:47:26	2:12:00	1;00
007A**.mpg	2:10:31	2:54:56	-
008L**.mpg	2:54:03	2:57:45	1;01
009A**.mpg	2:56:27	3:27:36	-
010L**.mpg	3:26:49	3:55:02	0;21
011A**.mpg	3:53:22	4:10:53	-
012L**.mpg	4:10:07	4:18:45	0;19
013A**.mpg	4:14:50	4:43:26	-
014L**.mpg	4:42:49	4:46:31	0;19
015A**.mpg	4:45:10	5:09:44	-
016L**.mpg	5:08:54	5:31:18	1;23
017A**.mpg	5:30:03	6:10:56	-
018L**.mpg	6:10:04	6:14:37	1;00
019A**.mpg	6:12:29	6:39:06	-
020L**.mpg	6:38:15	6:41:20	0;19
021A**.mpg	6:39:56	6:50:39	-
022L**.mpg	6:49:53	7:10:28	0;19
023A**.mpg	7:08:21	7:47:55	-
024L**.mpg	7:47:08	7:50:56	1;01
025A**.mpg	7:49:31	8:31:39	-
026L**.mpg	8:30:54	8:47:42	0;22
027A**.mpg	8:45:30	9:26:56	-
028L**.mpg	9:25:46	9:30:16	1;00
029A**.mpg	9:28:34	10:01:16	-

Homogenization

Movie File Name	Start Time (hh:mm:ss)	End Time (hh:mm:ss)
1**.mpg	17:03:01	17:22:55
2**.mpg	17:54:11	18:14:08
3**.mpg	18:58:09	19:18:03
4**.mpg	22:51:38	23:35:45

Duration	
Homegenization(Temperature#1)	6:44:33
Temp. Control 1(Temperature#2)	-
Temp. Control 2(Temperature#3)	9:48:41

Commanding Time	
Cell Moving 1	23:23:51
Cell Moving 2	9:32:08

JST9/16(Tue) GMT259-260 Soret Facet 1-10r(Liquid Diffusion)

Event	Homegenization (Temperature#1)		Cyclic Start	Temp. Control 1 (Temperature#2)		Temp. Control 2 (Temperature#3)		Temp. Control Stop	
Device	TL (TM1)	TH (TM2)		TL (TM1)	TH (TM2)	TL (TM1)	TH (TM2)	TL (TM1)	TH (TM2)
Temperature (°C)	55	55		35	55	55	55	-	
Time (hh:mm:ss)	10:08:58	10:10:23	15:52:28	17:05:00	-	23:00:00	-	9:48:57	9:49:43

Soret

Movie File Name	Start Time (hh:mm:ss)	End Time (hh:mm:ss)	AOS-LOS Time Gap (ss;ff)
001A**.mpg	17:01:31	17:37:37	-
002L**.mpg	17:36:47	17:59:52	0;28
003A**.mpg	17:59:27	18:11:33	-
004L**.mpg	18:10:49	18:14:45	0;28
005A**.mpg	18:13:37	18:45:55	-
006L**.mpg	18:45:09	18:49:37	1;03
007A**.mpg	18:47:28	19:12:43	-
008L**.mpg	19:11:55	19:42:08	1;02
009A**.mpg	19:40:50	20:22:56	-
010L**.mpg	20:22:08	20:25:46	1;16
011A**.mpg	20:24:29	20:58:20	-
012L**.mpg	20:57:29	21:19:48	0;29
013A**.mpg	21:18:04	21:59:55	-
014L**.mpg	21:59:06	22:06:29	1;06
015A**.mpg	22:05:02	22:25:08	-
016L**.mpg	22:24:19	22:57:01	1;01
017A**.mpg	22:56:05	23:39:56	-
018L**.mpg	23:39:06	23:42:33	1;03
019A**.mpg	23:41:31	23:54:36	-
020L**.mpg	23:53:47	23:56:13	1;17
021A**.mpg	23:55:28	0:04:21	-
022L**.mpg	0:03:33	0:35:49	0;21
023A**.mpg	0:34:36	1:17:26	-
024L**.mpg	1:16:35	1:20:35	1;18
025A**.mpg	1:19:35	2:02:57	-
026L**.mpg	2:02:08	2:15:51	0;26
027A**.mpg	2:14:09	2:54:26	-
028L**.mpg	2:53:38	2:57:46	1;08
029A**.mpg	2:56:36	3:37:20	-
030L**.mpg	3:33:20	3:55:10	0;26
031A**.mpg	3:51:47	4:36:56	-
032L**.mpg	4:36:07	4:40:08	1;03
033A**.mpg	4:38:31	5:14:13	-
034L**.mpg	5:13:23	5:33:15	0;27
035A**.mpg	5:31:59	6:14:55	-
036L**.mpg	6:14:08	6:17:22	1;14
037A**.mpg	6:16:24	6:55:26	-
038L**.mpg	6:54:41	7:18:30	0;25
039A**.mpg	7:16:11	7:59:56	-
040L**.mpg	7:59:06	8:03:34	0;28
041A**.mpg	8:01:22	8:34:15	-
042L**.mpg	8:33:39	8:57:32	0;26
043A**.mpg	8:55:25	9:34:56	-
044L**.mpg	9:34:08	9:38:29	1;04
045A**.mpg	9:36:29	10:17:21	-

Homogenization

Movie File Name	Start Time (hh:mm:ss)	End Time (hh:mm:ss)
1**.mpg	10:06:24	10:16:41
2**.mpg	10:19:43	10:27:55
3**.mpg	10:29:29	10:35:29
4**.mpg	13:46:35	14:25:40
5**.mpg	14:36:04	15:22:56
6**.mpg	15:24:34	15:27:51
7**.mpg	15:30:38	15:51:33
8**.mpg	15:53:47	16:02:19
9**.mpg	16:16:24	16:59:55

Duration	
Homegenization(Temperature#1)	6:54:37
Temp. Control 1(Temperature#2)	5:55:00
Temp. Control 2(Temperature#3)	10:48:57

Commanding Time	
Fringe Moving for Pixcel Intensity	15:15:10
Cell Moving 1	16:36:02
Cell Moving 2	19:41:08

JST9/18(Thu) GMT260-261 Soret Facet 1-5r(Liquid Soret)

Event	Homegenization (Temperature#1)		Cyclic Start	Temp. Control 1 (Temperature#2)		Temp. Control 2 (Temperature#3)		Temp. Control Stop	
Device	TL (TM1)	TH (TM2)		TL (TM1)	TH (TM2)	TL (TM1)	TH (TM2)	TL (TM1)	TH (TM2)
Temperature (°C)	60	60		-	-	30	-	-	
Time (hh:mm:ss)	16:07:08	16:08:03	22:36:54	-	-	0:30:00	-	9:52:01	9:52:44

Movie File Name	Start Time (hh:mm:ss)	End Time (hh:mm:ss)	AOS-LOS Time Gap (ss;ff)
001A**.mpg	0:29:36	1:07:17	-
002L**.mpg	1:06:32	1:25:53	0;24
003A**.mpg	1:24:33	2:04:55	-
004L**.mpg	2:04:06	2:08:06	0;28
005A**.mpg	2:06:36	2:49:40	-
006L**.mpg	2:48:47	3:04:41	1;01
007A**.mpg	3:03:27	3:37:20	-
008L**.mpg	3:36:32	3:41:31	0;29
009A**.mpg	3:39:25	4:08:00	-
010L**.mpg	4:07:32	4:19:47	0;22
011A**.mpg	4:18:00	4:29:01	-
012L**.mpg	4:28:13	4:48:43	0;27
013A**.mpg	4:41:54	5:12:24	-
014L**.mpg	5:11:37	5:20:15	1;00
015A**.mpg	5:18:19	6:06:10	-
016L**.mpg	6:05:21	6:31:35	0;26
017A**.mpg	6:30:34	6:56:16	-
018L**.mpg	6:55:41	6:58:33	1;15
019A**.mpg	6:57:42	7:43:52	-
020L**.mpg	7:43:02	8:07:20	1;15
021A**.mpg	8:06:10	8:52:36	-
022L**.mpg	8:51:48	9:00:39	0;29
023A**.mpg	8:58:18	9:05:56	-
024L**.mpg	9:04:49	9:08:14	1;02
025A**.mpg	9:06:48	9:19:15	-
026L**.mpg	9:18:26	9:44:19	1;17
027A**.mpg	9:42:47	10:22:11	-

~4:08-4:18 AOS data LOSS

Duration	
Homegenization(Temperature#1)	8:21:57
Temp. Control 1(Temperature#2)	-
Temp. Control 2(Temperature#3)	9:22:01
Commanding Time	
Cell Moving 1	23:58:22
Cell Moving 2	9:46:12

Homogenization

Movie File Name	Start Time (hh:mm:ss)	End Time (hh:mm:ss)
1**.mpg	17:18:05	17:50:46
2**.mpg	17:59:27	18:22:45
3**.mpg	19:37:27	20:08:07
4**.mpg	20:29:16	20:49:12
5**.mpg	21:13:31	21:33:28
6**.mpg	22:07:30	22:27:25
7**.mpg	22:37:57	22:49:55
8**.mpg	22:51:35	23:23:46
9**.mpg	23:44:47	0:27:55

No data at Melting

JST5/12(Tue) GMT131-132 Soret Facet 1-14r(Liquid Soret (T))

Event	Homegenization (Temperature#1)		Cyclic Start	Temp. Control 1 (Temperature#2)		Temp. Control 2 (Temperature#3)		Temp. Control Stop	
Device	TL (TM1)	TH (TM2)		TL (TM1)	TH (TM2)	TL (TM1)	TH (TM2)	TL (TM1)	TH (TM2)
Temperature (°C)	50	50		-	-	40	-	-	
Time (hh:mm:ss)	17:06:05	17:08:42	23:28:50	-	-	0:20:00	-	9:32:47	9:33:12

Movie File Name	Start Time (hh:mm:ss)	End Time (hh:mm:ss)	AOS-LOS Time Gap (ss;ff)
001A**.mpg	0:06:52	0:48:55	-
002L**.mpg	0:48:17	1:02:48	2;24
003A**.mpg	1:01:02	1:41:56	-
004L**.mpg	1:41:21	1:45:02	1;04
005A**.mpg	1:43:34	2:27:26	-
006L**.mpg	2:26:34	2:39:04	1;25
007A**.mpg	2:37:35	3:18:55	-
008L**.mpg	3:18:21	3:21:17	1;13
009A**.mpg	3:20:44	4:07:45	-
010L**.mpg	4:07:00	4:18:54	1;09
011A**.mpg	4:16:26	4:59:56	-
012L**.mpg	4:59:12	5:03:00	1;08
013A**.mpg	5:01:32	5:37:52	-
014L**.mpg	5:36:58	6:07:29	0;26
015A**.mpg	6:05:57	6:11:16	-
016L**.mpg	6:10:19	6:31:10	1;14
017A**.mpg	6:29:25	7:21:34	-
018L**.mpg	7:20:42	7:37:17	1;25
019A**.mpg	7:35:47	8:17:56	-
020L**.mpg	8:17:08	8:20:22	1;07
021A**.mpg	8:19:20	9:01:12	-
022L**.mpg	9:00:23	9:18:45	1;02
023A**.mpg	9:17:20	9:59:07	-

Cell Moving after Soret Drive & Soldification

Duration	
Homegenization(Temperature#1)	7:11:18
Temp. Control 1(Temperature#2)	-
Temp. Control 2(Temperature#3)	9:12:47

Commanding Time	
Cell Moving 1	23:49:15
Cell Moving 2	9:26:05

Cell Moving before Soret Drive

Movie File Name	Start Time (hh:mm:ss)	End Time (hh:mm:ss)
Soret-20150511232935.mpg	23:29:46	0:05:16

Melting & Homogenization

Movie File Name	Start Time (hh:mm:ss)	End Time (hh:mm:ss)
00**.mpg	17:03:21	17:23:18
01**.mpg	17:27:53	17:47:51
02**.mpg	20:05:17	20:25:15
03**.mpg	21:47:25	22:07:21
04**.mpg	22:38:47	22:58:45

Melting

JST5/13(Wed) GMT132-133 Soret Facet 1-06r(Liquid Soret)

Event	Homegenization (Temperature#1)		Cyclic Start	Temp. Control 1 (Temperature#2)		Temp. Control 2 (Temperature#3)		Temp. Control Stop	
Device	TL (TM1)	TH (TM2)		TL (TM1)	TH (TM2)	TL (TM1)	TH (TM2)	TL (TM1)	TH (TM2)
Temperature (°C)	55	55		-	-	35	-	-	
Time (hh:mm:ss)	17:09:50	17:10:32	22:57:57	-	-	0:20:01	-	10:11:46	10:12:10

Movie File Name	Start Time (hh:mm:ss)	End Time (hh:mm:ss)	AOS-LOS Time Gap (ss;ff)
001A**.mpg	0:08:44	0:48:56	-
002L**.mpg	0:48:03	0:51:46	1;23
003A**.mpg	0:50:33	1:33:33	-
004L**.mpg	1:32:42	1:44:56	1;18
005A**.mpg	1:43:37	2:24:55	-
006L**.mpg	2:23:58	2:27:51	0;17
007A**.mpg	2:26:34	3:13:47	-
008L**.mpg	3:13:01	3:22:57	1;05
009A**.mpg	3:21:33	4:01:56	-
010L**.mpg	4:01:03	4:04:59	0;29
011A**.mpg	4:04:00	4:44:17	-
012L**.mpg	4:43:34	4:59:41	0;23
013A**.mpg	4:58:15	5:39:56	-
014L**.mpg	5:39:08	5:43:05	1;04
015A**.mpg	5:41:55	6:27:14	-
016L**.mpg	6:26:28	6:40:44	1;01
017A**.mpg	6:39:14	7:03:30	-
018L**.mpg	7:02:42	7:15:04	0;28
019A**.mpg	7:13:37	8:06:08	-
020L**.mpg	8:05:17	8:25:00	1;04
021A**.mpg	8:22:35	9:12:14	-
022L**.mpg	9:11:19	9:21:30	0;29
023A**.mpg	9:19:50	9:24:07	-
024L-1**.mpg	9:23:15	9:46:49	1;02
024L-2**.mpg	9:43:11	10:05:00	-
025A**.mpg	10:04:11	10:35:44	-

Cell Moving after Soret Drive & Soldification

Duration	
Homegenization(Temperature#1)	7:09:29
Temp. Control 1(Temperature#2)	-
Temp. Control 2(Temperature#3)	9:51:45

Commanding Time	
Cell Moving 1	23:18:32
Cell Moving 2	10:06:12

Cell Moving before Soret Drive

Movie File Name	Start Time (hh:mm:ss)	End Time (hh:mm:ss)
Soret-20150512231318.mpg	23:13:20	23:54:13

Melting & Homogenization

Movie File Name	Start Time (hh:mm:ss)	End Time (hh:mm:ss)
00**.mpg	17:05:29	17:17:21
01**.mpg	18:11:24	18:31:22
02**.mpg	19:08:45	19:28:43
03**.mpg	19:56:34	20:16:32
04**.mpg	20:52:54	21:12:52
05**.mpg	22:29:31	22:49:29

Melting

JST5/19(Tue) GMT138-139 Soret Facet 1-08r(Liquid Soret)

Event	Homegenization (Temperature#1)		Cyclic Start	Temp. Control 1 (Temperature#2)		Temp. Control 2 (Temperature#3)		Temp. Control Stop	
Device	TL (TM1)	TH (TM2)		TL (TM1)	TH (TM2)	TL (TM1)	TH (TM2)	TL (TM1)	TH (TM2)
Temperature (°C)	48	48		-	-	42	-	-	
Time (hh:mm:ss)	17:45:20	17:46:02	23:04:42	-	-	0:30:01	-	9:42:06	9:42:35

Movie File Name	Start Time (hh:mm:ss)	End Time (hh:mm:ss)	AOS-LOS Time Gap (ss;ff)
001A**.mpg	0:21:35	1:04:30	-
002L**.mpg	1:03:37	1:15:27	1;18
003A**.mpg	1:13:57	1:57:54	-
004L**.mpg	1:57:05	2:01:15	1;18
005A**.mpg	2:00:42	2:34:07	-
006L**.mpg	2:33:09	2:54:25	1;22
007A**.mpg	2:51:30	3:34:56	-
008L**.mpg	3:34:05	3:38:31	1;06
009A**.mpg	3:36:31	4:10:24	-
010L**.mpg	4:09:15	4:12:41	1;07
011A**.mpg	4:11:44	4:17:35	-
012L-1**.mpg	4:16:51	4:27:24	1;01
012L-2**.mpg	4:24:06	4:46:22	-
012L-3**.mpg	4:43:08	5:02:25	-
012L-4**.mpg	4:59:08	5:19:17	-
013A**.mpg	5:16:21	5:55:46	-
014L**.mpg	5:55:01	6:20:59	1;17
015A**.mpg	6:17:35	7:03:05	-
016L**.mpg	7:02:11	7:11:17	1;17
017A**.mpg	7:09:45	7:30:02	-
018L**.mpg	7:29:15	7:58:50	0;19
019A**.mpg	7:57:22	8:39:56	-
020L**.mpg	8:39:01	8:42:13	0;26
021A**.mpg	8:41:27	9:18:15	-
022L**.mpg	9:17:29	9:36:58	1;15
023A**.mpg	9:35:14	10:03:28	-

Cell Moving after Soret Drive & Soldification

Cell Moving before Soret Drive

Movie File Name	Start Time (hh:mm:ss)	End Time (hh:mm:ss)
Soret-20150518233737.mpg	23:37:53	0:19:56

Melting & Homogenization

Movie File Name	Start Time (hh:mm:ss)	End Time (hh:mm:ss)
00**.mpg	17:41:25	18:01:23
01**.mpg	18:51:23	19:11:21
02**.mpg	20:23:51	20:43:50
03**.mpg	21:07:31	21:27:28
04**.mpg	22:01:00	22:20:58
05**.mpg	22:46:35	23:07:02

Melting

Duration	
Homegenization(Temperature#1)	6:43:59
Temp. Control 1(Temperature#2)	-
Temp. Control 2(Temperature#3)	9:12:05

Commanding Time	
Cell Moving 1	23:40:39
Cell Moving 2	9:35:44

JST5/20(Wed) GMT139-140 Soret Facet 1-13r(Liquid Soret (T))

Event	Homegenization (Temperature#1)		Cyclic Start	Temp. Control 1 (Temperature#2)		Temp. Control 2 (Temperature#3)		Temp. Control Stop	
Device	TL (TM1)	TH (TM2)		TL (TM1)	TH (TM2)	TL (TM1)	TH (TM2)	TL (TM1)	TH (TM2)
Temperature (°C)	60	60		-	-	50	-	-	
Time (hh:mm:ss)	17:15:46	17:16:44	22:59:27	-	-	23:50:01	-	9:33:25	9:33:51

Movie File Name	Start Time (hh:mm:ss)	End Time (hh:mm:ss)	AOS-LOS Time Gap (ss;ff)
001A**.mpg	23:49:35	0:11:31	-
002L**.mpg	0:10:39	0:22:55	1;25
003A**.mpg	0:21:23	1:04:27	-
004L**.mpg	1:03:31	1:07:59	1;05
005A**.mpg	1:06:37	1:46:40	-
006L**.mpg	1:45:47	2:00:15	2;15
007A**.mpg	1:58:42	2:43:15	-
008L**.mpg	2:42:19	2:46:15	1;12
009A**.mpg	2:44:51	3:17:29	-
010L**.mpg	3:16:40	3:19:39	0;28
011A**.mpg	3:18:09	3:24:19	-
012L-1**.mpg	3:23:39	3:47:04	2;11
012L-2**.mpg	3:43:10	4:02:37	-
012L-3**.mpg	3:59:11	4:16:33	-
013A**.mpg	4:14:03	5:01:48	-
014L**.mpg	5:01:00	5:24:52	
015A**.mpg	5:23:19	6:04:55	-
016L**.mpg	6:04:03	6:07:55	1;03
017A**.mpg	6:06:18	6:39:39	-
018L**.mpg	6:38:49	7:05:55	1;02
019A**.mpg	7:04:19	7:48:01	-
020L**.mpg	7:47:20	7:58:24	0;24
021A**.mpg	7:56:47	8:08:07	-
022L**.mpg	8:07:16	8:14:10	1;08
023A**.mpg	8:12:39	8:23:43	-
024L**.mpg	8:22:52	8:45:36	0;28
025A**.mpg	8:44:04	9:24:56	-
026L**.mpg	9:24:04	9:28:29	1;21
027A**.mpg	9:26:34	10:02:02	-

FringeHopping 3times??

Cell Moving after Soret Drive & Soldification

Duration	
Homegenization(Temperature#1)	6:33:17
Temp. Control 1(Temperature#2)	-
Temp. Control 2(Temperature#3)	9:43:24
Commanding Time	
Cell Moving 1	23:19:09
Cell Moving 2	9:27:15

Cell Moving before Soret Drive

Movie File Name	Start Time (hh:mm:ss)	End Time (hh:mm:ss)
Soret-20150519230015.mpg	23:00:32	23:27:56
Soret-20150519232919.mpg	23:29:38	23:49:35

Melting & Homogenization

Movie File Name	Start Time (hh:mm:ss)	End Time (hh:mm:ss)
00**.mpg	16:59:34	17:24:44
01**.mpg	19:27:48	19:47:45
02**.mpg	20:14:30	20:34:29
03**.mpg	21:03:46	21:23:43
04**.mpg	21:51:34	22:11:32

Melting

JST6/2-3(Tue-Wed) GMT153-154 Soret Facet 2-CO (Solid/Liquid Soret)

Event	Homegenization (Temperature#1)		Cyclic Start	Temp. Control 1 (Temperature#2)		Temp. Control 2 (Temperature#3)		Temp. Control Stop	
Device	TL (TM5)	TH (TM6)		TL (TM5)	TH (TM6)	TL (TM5)	TH (TM6)	TL (TM5)	TH (TM6)
Temperature (°C)	21.8	52.3		-	-	21.8	58.3	-	
Time (hh:mm:ss)	17:12:53	17:13:38	23:40:43	-	-	-	25:10:01	10:06:48	10:07:20

Movie File Name	Start Time (hh:mm:ss)	End Time (hh:mm:ss)	AOS-LOS Time Gap (ss;ff)
001A**.mpg	1:03:55	1:27:28	-
002L**.mpg	1:26:35	1:33:32	1;06
003A**.mpg	1:32:19	1:47:36	-
004L**.mpg	1:46:44	2:01:07	1;09
005A**.mpg	1:59:22	2:22:44	-
006L**.mpg	2:21:53	2:41:13	0;26
007A**.mpg	2:38:47	3:20:55	-
008L**.mpg	3:20:04	3:24:03	1;09
009A**.mpg	3:22:31	4:05:58	-
010L**.mpg	4:05:19	4:16:51	1;19
011A**.mpg	4:15:27	4:55:56	-
012L**.mpg	4:55:10	5:11:58	2;01
013A**.mpg	5:10:33	5:45:56	-
014L**.mpg	5:45:02	6:11:53	1;26
015A**.mpg	6:10:25	6:25:16	-
016L**.mpg	6:24:23	6:38:04	0;20
017A**.mpg	6:36:23	7:16:34	-
018L-1**.mpg	7:15:47	7:36:21	1;17
018L-2**.mpg	7:33:10	7:55:38	-
018L-3**.mpg	7:52:11	8:12:40	-
019A**.mpg	8:08:17	8:52:24	-
020L**.mpg	8:51:35	9:09:42	0;25
021A**.mpg	9:08:01	9:18:16	-
022L**.mpg	9:17:32	9:20:40	2;06
023A**.mpg	9:19:02	9:51:55	-
024L**.mpg	9:51:09	9:54:56	1;26
025A**.mpg	9:53:31	10:24:20	-

Cell Moving

Duration	
Homegenization(Temperature#1)	7:56:23
Temp. Control 1(Temperature#2)	-
Temp. Control 2(Temperature#3)	8:56:47

Commanding Time	
Cell Moving 1	0:11:22
Cell Moving 2	9:53:58

Cell Moving before Soret Drive

Movie File Name	Start Time (hh:mm:ss)	End Time (hh:mm:ss)
Soret-20150603000652.mpg	0:07:07	0:38:58

Melting & Homogenization

Movie File Name	Start Time (hh:mm:ss)	End Time (hh:mm:ss)
1**.mpg	17:09:17	17:23:55
2**.mpg	18:17:50	18:37:49
3**.mpg	19:03:36	19:23:34
4**.mpg	20:45:31	21:05:29
5**.mpg	21:34:38	21:54:35
6**.mpg	22:13:17	22:33:14

Melting

Melting Point

Movie File Name	Start Time (hh:mm:ss)	End Time (hh:mm:ss)
Soret-20150602232650.mpg	23:27:03	23:39:49

JST6/9(Tue) GMT159-160 Soret Facet 2-01 (Solid/Liquid Soret)

Event	Homegenization (Temperature#1)		Cyclic Start	Temp. Control 1 (Temperature#2)		Temp. Control 2 (Temperature#3)		Temp. Control Stop	
Device	TL (TM5)	TH (TM6)		TL (TM5)	TH (TM6)	TL (TM5)	TH (TM6)	TL (TM5)	TH (TM6)
Temperature (°C)	21.8	52.3		-	-	21.8	62.3	-	
Time (hh:mm:ss)	17:06:52	17:07:40	23:21:27	-	-	-	24:50:00	9:34:23	9:35:28

Movie File Name	Start Time (hh:mm:ss)	End Time (hh:mm:ss)	AOS-LOS Time Gap (ss;ff)
001A**.mpg	0:32:14	1:12:55	-
002L**.mpg	1:12:03	1:16:09	1;02
003A**.mpg	1:14:31	1:59:01	-
004L**.mpg	1:58:10	2:10:44	0;27
005A**.mpg	2:08:54	2:47:55	-
006L**.mpg	2:47:03	2:50:57	1;12
007A**.mpg	2:49:35	3:37:31	-
008L**.mpg	3:36:44	3:49:56	1;13
009A**.mpg	3:46:01	4:24:56	-
010L**.mpg	4:24:13	4:29:12	0;26
011A**.mpg	4:27:55	5:09:45	-
012L**.mpg	5:08:58	5:24:59	1;08
013A**.mpg	5:23:46	6:02:56	-
014L**.mpg	6:02:12	6:05:26	1;17
015A**.mpg	6:04:35	6:45:48	-
016L**.mpg	6:43:00	7:04:05	1;24
017A**.mpg	7:03:47	7:37:15	-
018L**.mpg	7:36:29	7:40:18	0;29
019A**.mpg	7:39:11	8:25:19	-
020L-1**.mpg	8:24:30	8:41:30	0;29
020L-2**.mpg	8:38:10	8:56:34	-
020L-3**.mpg	8:53:06	9:12:37	-
021A**.mpg	9:10:54	9:24:55	-
022L**.mpg	9:24:12	9:28:14	1;12
023A**.mpg	9:26:24	9:57:00	-

Cell Moving

Cell Moving

Cell Moving before Soret Drive

Movie File Name	Start Time (hh:mm:ss)	End Time (hh:mm:ss)
Soret-20150608232245.mpg	23:23:05	23:42:02

Melting & Homogenization

Movie File Name	Start Time (hh:mm:ss)	End Time (hh:mm:ss)
1**.mpg	17:03:19	17:36:20
2**.mpg	17:35:17	17:51:56
3**.mpg	17:51:00	18:10:58
4**.mpg	18:34:17	18:54:15
5**.mpg	20:07:29	20:27:26
6**.mpg	21:13:07	21:33:04
7**.mpg	21:42:20	22:02:20

Melting

Melting Point

Movie File Name	Start Time (hh:mm:ss)	End Time (hh:mm:ss)
Soret-20150608225606.mpg	22:56:26	23:16:23

JST6/10(Wed) GMT160-161 Soret Facet 2-03 (Solid/Liquid Soret)

Event	Homegenization (Temperature#1)		Cyclic Start	Temp. Control 1 (Temperature#2)		Temp. Control 2 (Temperature#3)		Temp. Control Stop	
Device	TL (TM5)	TH (TM6)		TL (TM5)	TH (TM6)	TL (TM5)	TH (TM6)	TL (TM5)	TH (TM6)
Temperature (°C)	21.8	52.3		-	-	21.8	72.3	-	
Time (hh:mm:ss)	17:10:54	17:11:46	23:46:20	-	-	-	24:40:00	9:51:53	9:52:32

Movie File Name	Start Time (hh:mm:ss)	End Time (hh:mm:ss)	AOS-LOS Time Gap (ss;ff)
001A**.mpg	0:28:29	1:04:51	-
002L**.mpg	1:04:00	1:17:43	1;11
003A**.mpg	1:15:52	1:54:55	-
004L**.mpg	1:53:57	1:57:46	3;01
005A**.mpg	1:57:04	2:43:38	-
006L**.mpg	2:42:45	2:53:57	1;14
007A**.mpg	2:52:30	3:29:56	-
008L**.mpg	3:29:14	3:36:33	1;21
009A**.mpg	3:35:10	4:20:38	-
010L**.mpg	4:19:54	4:32:43	1;18
011A**.mpg	4:31:19	4:57:47	-
012L**.mpg	4:57:00	5:10:24	1;02
013A**.mpg	5:09:00	5:52:37	-
014L**.mpg	5:51:50	6:09:33	2;27
015A**.mpg	6:07:26	6:33:10	-
016L**.mpg	6:32:54	6:49:33	1;21
017A**.mpg	6:48:13	7:32:26	-
018L-1**.mpg	7:31:33	7:51:39	0;28
018L-2**.mpg	7:48:09	8:09:42	-
018L-3**.mpg	8:06:10	8:24:36	-
019A**.mpg	8:22:39	8:57:17	-
020L-1**.mpg	8:56:35	9:16:41	0;22
020L-2**.mpg	9:13:10	9:31:57	-
020L-3**.mpg	9:28:10	9:36:40	-
021A**.mpg	9:34:34	10:06:15	-

Cell Moving

Duration	
Homegenization(Temperature#1)	7:28:14
Temp. Control 1(Temperature#2)	-
Temp. Control 2(Temperature#3)	9:11:53
Commanding Time	
Cell Moving 1	23:56:32
Cell Moving 2	9:40:27

Cell Moving before Soret Drive

Movie File Name	Start Time (hh:mm:ss)	End Time (hh:mm:ss)
Soret-20150609234652.mpg	23:47:12	0:14:10

Melting & Homogenization

Movie File Name	Start Time (hh:mm:ss)	End Time (hh:mm:ss)
1**.mpg	17:04:37	17:36:55
2**.mpg	17:35:02	17:39:35
3**.mpg	17:39:10	18:19:17
4**.mpg	19:17:01	19:36:58
5**.mpg	20:17:31	20:37:28
6**.mpg	20:48:33	21:08:32
7**.mpg	21:59:56	22:19:53

Melting

Melting Point

Movie File Name	Start Time (hh:mm:ss)	End Time (hh:mm:ss)
Soret-20150609234116.mpg	23:41:37	23:45:10

JST6/16(Tue) GMT166-167 Soret Facet 2-05 (Liquid Soret)

Event	Homegenization (Temperature#1)		Cyclic Start	Temp. Control 1 (Temperature#2)		Temp. Control 2 (Temperature#3)		Temp. Control Stop	
Device	TL (TM5)	TH (TM6)		TL (TM5)	TH (TM6)	TL (TM5)	TH (TM6)	TL (TM5)	TH (TM6)
Temperature (°C)	60	60		-	-	30	-	-	
Time (hh:mm:ss)	17:07:11	17:07:48	23:41:50	-	-	1:04:57	-	11:32:13	11:32:55

Movie File Name	Start Time (hh:mm:ss)	End Time (hh:mm:ss)	AOS-LOS Time Gap (ss;ff)
001A**.mpg	0:45:16	1:23:17	-
002L**.mpg	1:22:17	1:26:32	1;08
003A**.mpg	1:24:57	2:09:21	-
004L**.mpg	2:08:28	2:23:02	1;04
005A**.mpg	2:21:29	3:04:55	-
006L**.mpg	3:04:12	3:07:28	1;04
007A**.mpg	3:06:34	3:53:05	-
008L**.mpg	3:50:26	4:03:00	0;22
009A**.mpg	4:00:27	4:40:54	-
010L**.mpg	4:38:56	4:43:44	2;18
011A**.mpg	4:41:33	5:25:49	-
012L-1**.mpg	5:24:51	5:43:46	0;23
012L-2**.mpg	5:39:52	6:02:25	-
013A**.mpg	6:00:59	6:17:15	-
014L**.mpg	6:15:52	6:32:32	1;04
015A**.mpg	6:31:12	6:50:13	-
016L**.mpg	6:48:51	6:52:43	1;11
017A**.mpg	6:51:01	7:01:35	-
018L**.mpg	7:00:22	7:30:49	5;05
019A**.mpg	7:25:43	8:04:51	-
020L**.mpg	8:03:05	8:06:56	0;22
021A**.mpg	8:05:24	8:40:26	-
022L**.mpg	8:39:23	9:07:57	1;18
023A**.mpg	9:05:34	9:50:16	-
024L-1**.mpg	9:49:23	10:22:39	1;10
024L-2**.mpg	10:19:24	10:44:02	-
025A**.mpg	10:42:24	11:19:55	-
026L**.mpg	11:18:52	11:23:21	1;07
027A**.mpg	11:21:33	12:07:34	-
028L**.mpg	12:06:45	12:20:48	0;00
029A**.mpg	12:18:41	12:41:20	-

Cell Moving

Duration	
Homegenization(Temperature#1)	7:57:09
Temp. Control 1(Temperature#2)	-
Temp. Control 2(Temperature#3)	10:27:16
Commanding Time	
Cell Moving 1	0:53:46
Cell Moving 2	11:24:15

Cell Moving

Melting & Homogenization

Movie File Name	Start Time (hh:mm:ss)	End Time (hh:mm:ss)
1**.mpg	17:06:27	17:49:27
2**.mpg	19:03:04	19:23:02
3**.mpg	19:52:36	20:06:39
4**.mpg	20:31:23	20:41:20
5**.mpg	21:34:08	21:54:44
6**.mpg	23:51:33	0:11:31

Melting

JST6/17(Wed) GMT167-168 Soret Facet 2-06 (Liquid Soret)

Event	Homegenization (Temperature#1)		Cyclic Start	Temp. Control 1 (Temperature#2)		Temp. Control 2 (Temperature#3)		Temp. Control Stop	
Device	TL (TM5)	TH (TM6)		TL (TM5)	TH (TM6)	TL (TM5)	TH (TM6)	TL (TM5)	TH (TM6)
Temperature (°C)	55	55		-	-	35	-	-	
Time (hh:mm:ss)	17:20:55	17:21:55	23:08:31	-	-	0:05:00	-	10:00:08	9:59:38

Movie File Name	Start Time (hh:mm:ss)	End Time (hh:mm:ss)	AOS-LOS Time Gap (ss;ff)
001A**.mpg	23:52:01	0:29:56	-
002L**.mpg	0:29:02	0:33:04	1;03
003A**.mpg	0:31:37	1:19:28	-
004L**.mpg	1:18:32	1:29:34	1;00
005A**.mpg	1:28:10	2:09:53	-
006L**.mpg	2:09:10	2:13:16	4;17
007A**.mpg	2:11:36	2:55:09	-
008L**.mpg	2:54:23	3:08:42	0;29
009A**.mpg	3:06:46	3:44:56	-
010L**.mpg	3:43:52	3:48:35	1;27
011A**.mpg	3:46:33	4:31:57	-
012L**.mpg	4:30:53	4:50:44	0;07
013A**.mpg	4:46:59	5:24:55	-
014L**.mpg	5:23:52	5:27:46	2;02
015A**.mpg	5:26:28	6:08:00	-
016L-1**.mpg	6:06:53	6:40:43	1;20
016L-2**.mpg	6:34:54	6:51:59	-
016L-3**.mpg	6:40:45	7:24:29	-
017A**.mpg	7:22:43	7:50:29	-
018L-1**.mpg	7:49:53	8:07:07	2;11
018L-2**.mpg	8:04:27	8:14:31	-
019A**.mpg	8:12:05	8:59:10	-
020L**.mpg	8:58:04	9:02:34	1;17
021A**.mpg	9:00:39	9:30:08	-
022L**.mpg	9:28:52	9:50:31	2;01
023A**.mpg	9:48:53	10:27:56	-
024L**.mpg	10:26:56	10:30:27	0;29
025A**.mpg	10:29:32	10:33:40	-

Cell Moving

Duration	
Homegenization(Temperature#1)	6:43:05
Temp. Control 1(Temperature#2)	-
Temp. Control 2(Temperature#3)	9:55:08

Commanding Time	
Cell Moving 1	23:52:35
Cell Moving 2	9:53:02

Cell Moving

Homogenization

Movie File Name	Start Time (hh:mm:ss)	End Time (hh:mm:ss)
0**.mpg	17:15:17	17:35:15
1**.mpg	17:48:02	18:38:01
2**.mpg	18:57:54	19:29:56
3**.mpg	19:31:20	19:35:19
4**.mpg	19:37:48	20:15:36
5**.mpg	20:15:40	20:18:54
6**.mpg	20:37:47	21:25:03
7**.mpg	22:16:12	22:52:56

JST6/23(Tue) GMT173-174 Soret Facet 2-07 (Liquid Soret)

Event	Homegenization (Temperature#1)		Cyclic Start	Temp. Control 1 (Temperature#2)		Temp. Control 2 (Temperature#3)		Temp. Control Stop	
Device	TL (TM5)	TH (TM6)		TL (TM5)	TH (TM6)	TL (TM5)	TH (TM6)	TL (TM5)	TH (TM6)
Temperature (°C)	50	50		-	-	40	-	-	
Time (hh:mm:ss)	17:40:35	17:41:35	23:25:10	-	-	0:15:00	-	9:28:53	9:29:25

Movie File Name	Start Time (hh:mm:ss)	End Time (hh:mm:ss)	AOS-LOS Time Gap (ss;ff)
001A**.mpg	0:11:51	0:48:47	-
002L**.mpg	0:47:56	1:02:50	0;27
003A**.mpg	1:00:49	1:39:55	-
004L**.mpg	1:39:22	1:43:18	1;14
005A**.mpg	1:41:33	2:25:12	-
006L**.mpg	2:24:09	2:42:45	1;07
007A**.mpg	2:41:09	3:23:55	-
008L**.mpg	3:23:05	3:27:05	1;03
009A**.mpg	3:25:27	4:02:26	-
010L**.mpg	4:01:35	4:27:12	0;25
011A**.mpg	4:25:29	4:31:04	-
012L**.mpg	4:30:12	4:41:06	1;01
013A**.mpg	4:39:35	5:02:56	-
014L**.mpg	5:02:05	5:06:11	2;06
015A**.mpg	5:04:24	5:44:14	-
016L**.mpg	5:43:21	6:06:23	0;28
017A**.mpg	6:04:49	6:42:56	-
018L**.mpg	6:42:05	6:47:12	1;09
019A**.mpg	6:44:58	7:22:03	-
020L**.mpg	7:21:11	7:42:58	1;20
021A**.mpg	7:41:32	8:14:45	-
022L**.mpg	8:13:57	8:16:43	1;20
023A**.mpg	8:15:24	8:19:56	-
024L**.mpg	8:19:06	8:23:07	1;05
025A**.mpg	8:21:31	8:39:07	-
026L**.mpg	8:38:19	8:53:51	1;08
027A**.mpg	8:52:17	9:07:23	-
028L**.mpg	9:06:36	9:19:38	0;22
029A**.mpg	9:18:26	9:55:54	

Cell Moving

Duration	
Homegenization(Temperature#1)	6:33:25
Temp. Control 1(Temperature#2)	-
Temp. Control 2(Temperature#3)	9:13:53
Commanding Time	
Cell Moving 1	23:38:31
Cell Moving 2	9:22:11

Cell Moving before Soret Drive

Movie File Name	Start Time (hh:mm:ss)	End Time (hh:mm:ss)
Soret-20150622232609.mpg	23:26:40	0:10:14

Homogenization

Movie File Name	Start Time (hh:mm:ss)	End Time (hh:mm:ss)
1**.mpg	17:37:22	18:12:51
2**.mpg	18:32:29	19:10:56
3**.mpg	19:13:27	19:13:51
4**.mpg	19:15:19	19:51:24
5**.mpg	20:08:16	20:28:13
6**.mpg	20:51:14	21:11:12
7**.mpg	21:44:58	22:04:55
8**.mpg	22:24:35	22:44:33

JST6/24(Wed) GMT174-175 Soret Facet 2-08 (Liquid Soret)

Event	Homegenization (Temperature#1)		Cyclic Start	Temp. Control 1 (Temperature#2)		Temp. Control 2 (Temperature#3)		Temp. Control Stop	
Device	TL (TM5)	TH (TM6)		TL (TM5)	TH (TM6)	TL (TM5)	TH (TM6)	TL (TM5)	TH (TM6)
Temperature (°C)	48	48		-	-	42	-	-	
Time (hh:mm:ss)	16:55:16	16:56:01	23:12:48	-	-	0:15:00	-	9:14:19	9:14:49

Movie File Name	Start Time (hh:mm:ss)	End Time (hh:mm:ss)	AOS-LOS Time Gap (ss;ff)
001A**.mpg	0:06:25	0:47:56	-
002L**.mpg	0:47:04	0:51:13	1;28
003A**.mpg	0:49:33	1:32:15	-
004L**.mpg	1:31:22	1:47:44	1;01
005A**.mpg	1:46:15	2:23:55	-
006L**.mpg	2:23:05	2:27:03	0;28
007A**.mpg	2:25:29	3:08:22	-
008L**.mpg	3:07:23	3:30:20	1;14
009A**.mpg	3:28:52	3:59:55	-
010L**.mpg	3:59:04	4:03:05	1;25
011A**.mpg	4:01:23	4:44:31	-
012L-1**.mpg	4:43:25	5:17:34	1;02
012L-2**.mpg	5:14:07	5:43:27	-
013A**.mpg	5:41:42	6:26:23	-
014L-1**.mpg	6:25:28	6:46:35	1;14
014L-2**.mpg	6:44:09	7:06:30	-
014L-3**.mpg	7:04:11	7:35:13	-
015A**.mpg	7:33:24	7:51:37	-
016L**.mpg	7:50:23	8:23:47	5;07
017A**.mpg	8:22:19	8:45:16	-
018L**.mpg	8:44:23	9:05:31	1;12
019A**.mpg	9:04:03	9:46:51	-

Cell Moving

Duration	
Homegenization(Temperature#1)	7:18:59
Temp. Control 1(Temperature#2)	-
Temp. Control 2(Temperature#3)	8:59:19

Commanding Time	
Cell Moving 1	23:21:30
Cell Moving 2	9:07:34

Cell Moving before Soret Drive

Movie File Name	Start Time (hh:mm:ss)	End Time (hh:mm:ss)
Soret-20150623231301.mpg	23:13:33	23:55:02

Homogenization

Movie File Name	Start Time (hh:mm:ss)	End Time (hh:mm:ss)
1**.mpg	16:52:01	17:11:59
2**.mpg	17:47:59	18:07:57
3**.mpg	18:19:24	18:39:21
4**.mpg	19:16:40	19:36:39
5**.mpg	19:55:26	20:15:24
6**.mpg	20:51:42	21:11:39
7**.mpg	21:30:33	21:50:30
8**.mpg	22:28:03	22:48:02

JST6/25(Thu) GMT175-176 Soret Facet 2-13 (Liquid Soret(T))

Event	Homegenization (Temperature#1)		Cyclic Start	Temp. Control 1 (Temperature#2)		Temp. Control 2 (Temperature#3)		Temp. Control Stop	
Device	TL (TM5)	TH (TM6)		TL (TM5)	TH (TM6)	TL (TM5)	TH (TM6)	TL (TM5)	TH (TM6)
Temperature (°C)	60	60		-	-	50	-	-	
Time (hh:mm:ss)	17:29:14	17:29:56	23:13:37	-	-	0:05:00	-	9:14:47	9:15:28

Movie File Name	Start Time (hh:mm:ss)	End Time (hh:mm:ss)	AOS-LOS Time Gap (ss;ff)
001A**.mpg	0:01:33	0:38:29	-
002L**.mpg	0:37:37	0:52:39	1;04
003A**.mpg	0:51:02	1:32:56	-
004L**.mpg	1:32:06	1:36:05	1;19
005A**.mpg	1:34:30	2:14:20	-
006L**.mpg	2:13:29	2:34:57	1;05
007A**.mpg	2:33:13	3:15:56	-
008L**.mpg	3:14:59	3:20:43	1;20
009A**.mpg	3:17:52	3:54:23	-
010L-1**.mpg	3:53:34	4:16:43	1;06
010L-2**.mpg	4:14:09	4:35:22	-
011A**.mpg	4:33:42	4:59:55	-
012L**.mpg	4:59:07	5:03:36	1;09
013A**.mpg	5:02:07	5:30:33	-
014L**.mpg	5:29:43	5:55:26	1;20
015A**.mpg	5:53:49	6:31:56	-
016L**.mpg	6:30:58	6:35:09	1;09
017A**.mpg	6:33:41	7:13:12	-
018L**.mpg	7:12:20	7:33:06	1;13
019A**.mpg	7:31:20	8:09:55	-
020L**.mpg	8:09:06	8:13:10	0;26
021A**.mpg	8:11:34	8:56:07	-
022L**.mpg	8:55:19	9:09:58	2;02
023A**.mpg	9:08:02	9:45:04	-

Cell Moving

Duration	
Homegenization(Temperature#1)	6:35:04
Temp. Control 1(Temperature#2)	-
Temp. Control 2(Temperature#3)	9:09:47

Commanding Time	
Cell Moving 1	23:21:29
Cell Moving 2	9:08:43

Cell Moving before Soret Drive

Movie File Name	Start Time (hh:mm:ss)	End Time (hh:mm:ss)
Soret-20150624231412.mpg	23:14:45	23:59:56

Homogenization

Movie File Name	Start Time (hh:mm:ss)	End Time (hh:mm:ss)
1**.mpg	17:14:47	17:27:01
2**.mpg	17:28:28	17:48:25
3**.mpg	18:25:51	18:45:49
4**.mpg	19:06:19	19:26:17
5**.mpg	19:58:10	20:18:07
6**.mpg	20:37:34	20:57:32
7**.mpg	21:34:40	21:54:40
8**.mpg	22:14:34	22:34:31

JST6/26(Fri) GMT176-177 Soret Facet 2-14 (Liquid Soret(T))

Event	Homegenization (Temperature#1)		Cyclic Start	Temp. Control 1 (Temperature#2)		Temp. Control 2 (Temperature#3)		Temp. Control Stop	
Device	TL (TM5)	TH (TM6)		TL (TM5)	TH (TM6)	TL (TM5)	TH (TM6)	TL (TM5)	TH (TM6)
Temperature (°C)	50	50		-	-	40	-	-	
Time (hh:mm:ss)	17:31:10	17:31:55	23:11:29	-	-	0:05:01	-	9:18:30	9:19:03

Movie File Name	Start Time (hh:mm:ss)	End Time (hh:mm:ss)	AOS-LOS Time Gap (ss;ff)
001A**.mpg	23:57:33	0:36:56	-
002L**.mpg	0:36:04	0:41:12	1;16
003A**.mpg	0:39:05	1:20:28	-
004L**.mpg	1:19:29	1:37:54	1;17
005A**.mpg	1:36:35	2:16:56	-
006L**.mpg	2:16:03	2:20:40	2;17
007A**.mpg	2:19:05	2:57:56	-
008L**.mpg	2:57:04	3:21:01	1;01
009A**.mpg	3:19:03	3:59:55	-
010L**.mpg	3:59:06	4:03:14	0;23
011A**.mpg	4:01:27	4:17:40	-
012L**.mpg	4:16:51	4:19:50	1;09
013A**.mpg	4:18:24	4:31:16	-
014L**.mpg	4:30:24	4:59:29	0;28
015A**.mpg	4:57:24	5:36:56	-
016L**.mpg	5:36:04	5:39:49	1;05
017A**.mpg	5:38:31	6:17:28	-
018L**.mpg	6:16:36	6:36:57	1;10
019A**.mpg	6:35:31	7:11:56	-
020L**.mpg	7:11:30	7:33:21	1;07
021A**.mpg	7:30:41	7:50:36	-
022L**.mpg	7:49:47	8:14:48	0;23
023A**.mpg	8:12:28	8:51:56	-
024L**.mpg	8:50:57	8:59:00	0;27
025A**.mpg	8:57:06	9:39:49	-
026L**.mpg	9:38:49	9:52:49	0;29
027A**.mpg	9:51:29	9:53:44	-

Cell Moving

Duration	
Homegenization(Temperature#1)	6:33:06
Temp. Control 1(Temperature#2)	-
Temp. Control 2(Temperature#3)	9:13:29

Commanding Time	
Cell Moving 1	23:18:45
Cell Moving 2	9:10:20

Cell Moving before Soret Drive

Movie File Name	Start Time (hh:mm:ss)	End Time (hh:mm:ss)
Soret-20150625231213.mpg	23:12:48	23:44:35

Homogenization

Movie File Name	Start Time (hh:mm:ss)	End Time (hh:mm:ss)
1**.mpg	16:52:05	17:09:39
2**.mpg	17:29:21	17:49:19
3**.mpg	18:11:43	18:31:40
4**.mpg	19:04:34	19:24:31
5**.mpg	19:47:25	20:07:22
6**.mpg	20:10:04	20:30:02
7**.mpg	20:41:15	21:01:12
8**.mpg	21:20:00	21:39:59
9**.mpg	22:17:51	22:37:47

JST6/29-30(Mon-Tue) GMT180-181 Soret Facet 2-09(Liquid Diffusion)									
Event	Homegenization (Temperature#1)		Cyclic Start	Temp. Control 1 (Temperature#2)		Temp. Control 2 (Temperature#3)		Temp. Control Stop	
Device	TL (TM1)	TH (TM2)		TL (TM1)	TH (TM2)	TL (TM1)	TH (TM2)	TL (TM1)	TH (TM2)
Temperature (°C)	60	60		30	-	60	-	-	
Time (hh:mm:ss)	10:25:49	10:26:27	16:22:10	17:09:59	-	0:29:59	-	9:12:00	9:12:27

Movie File Name	Start Time (hh:mm:ss)	End Time (hh:mm:ss)	AOS-LOS Time Gap (ss;ff)
001A**.mpg	17:04:37	17:45:56	-
002L**.mpg	17:45:05	17:50:35	0;29
003A**.mpg	17:47:35	18:34:16	-
004L**.mpg	18:33:18	18:43:32	1;03
005A**.mpg	18:41:39	19:21:55	-
006L**.mpg	19:21:05	19:24:59	0;28
007A**.mpg	19:23:36	20:07:16	-
008L**.mpg	20:06:18	20:22:40	1;03
009A**.mpg	20:18:18	20:59:55	-
010L**.mpg	20:58:57	21:03:38	0;29
011A**.mpg	21:01:36	21:48:09	-
012L**.mpg	21:47:18	22:02:43	0;24
013A**.mpg	21:57:50	22:41:55	-
014L**.mpg	22:41:04	22:44:59	1;11
015A**.mpg	22:43:34	23:21:47	-
016L**.mpg	23:20:58	23:41:21	1;09
017A**.mpg	23:39:04	0:21:56	-
018L**.mpg	0:21:05	0:24:24	1;14
019A**.mpg	0:23:29	1:02:13	-
020L**.mpg	1:01:23	1:23:55	0;26
021A**.mpg	1:21:16	1:59:56	-
022L**.mpg	1:59:03	2:02:31	1;03
023A**.mpg	2:01:25	2:42:46	-
024L**.mpg	2:41:54	3:06:07	1;12
025A**.mpg	3:02:38	3:41:56	-
026L**.mpg	3:41:01	3:47:27	0;26
027A**.mpg	3:43:27	4:24:56	-
028L**.mpg	4:23:49	4:40:49	0;25
029A**.mpg	4:39:57	5:18:55	-
030L**.mpg	5:17:59	5:22:23	1;04
031A**.mpg	5:20:31	6:05:03	-
032L**.mpg	6:04:11	6:18:09	0;27
033A**.mpg	6:17:00	6:58:14	-
034L**.mpg	6:57:27	7:01:54	0;23
035A**.mpg	7:00:40	7:33:45	-
036L**.mpg	7:32:48	7:37:48	0;28
037A**.mpg	7:34:02	7:46:46	-
038L**.mpg	7:45:48	7:56:23	0;29
039A**.mpg	7:53:49	8:33:55	-
040L**.mpg	8:33:02	8:37:42	0;13
041A**.mpg	8:35:35	9:24:20	-
042L**.mpg	9:23:23	9:35:09	2;16
043A**.mpg	9:32:26	9:46:49	-

Cell Moving

Cell Moving

Duration	
Homegenization(Temperature#1)	6:43:32
Temp. Control 1(Temperature#2)	7:20:00
Temp. Control 2(Temperature#3)	8:42:01

Commanding Time	
Cell Moving 1	16:30:41
Cell Moving 2	23:59:29
Cell Moving 3	9:07:11

Cell Moving before Soret Drive

Movie File Name	Start Time (hh:mm:ss)	End Time (hh:mm:ss)
Soret-20150629162302.mpg	16:23:40	16:52:55

Homogenization		
Movie File Name	Start Time (hh:mm:ss)	End Time (hh:mm:ss)
1**.mpg	10:02:51	10:13:27
2**.mpg	10:22:50	10:42:48
3**.mpg	11:10:32	11:30:08
4**.mpg	12:04:39	12:24:37
5**.mpg	12:48:59	13:08:56
6**.mpg	13:46:38	14:06:35
7**.mpg	14:31:24	14:51:22
8**.mpg	15:29:09	15:49:07

JST7/1(Wed) GMT181-182 Soret Facet 2-15 (Liquid Soret(T))

Event	Homegenization (Temperature#1)		Cyclic Start	Temp. Control 1 (Temperature#2)		Temp. Control 2 (Temperature#3)		Temp. Control Stop	
Device	TL (TM5)	TH (TM6)		TL (TM5)	TH (TM6)	TL (TM5)	TH (TM6)	TL (TM5)	TH (TM6)
Temperature (°C)	40	40		-	-	30	-	-	
Time (hh:mm:ss)	17:00:29	17:01:18	23:15:02	-	-	0:35:00	-	9:17:19	9:17:50

Movie File Name	Start Time (hh:mm:ss)	End Time (hh:mm:ss)	AOS-LOS Time Gap (ss;ff)
001A**.mpg	0:26:30	1:11:56	-
002L**.mpg	1:11:07	1:16:31	1;09
003A**.mpg	1:13:25	1:47:20	-
004L**.mpg	1:46:21	2:09:31	1;11
005A**.mpg	2:08:32	2:57:22	-
006L**.mpg	2:56:34	3:00:39	0;27
007A**.mpg	2:58:52	3:25:03	-
008L**.mpg	3:24:13	3:46:47	0;25
009A**.mpg	3:45:45	4:22:55	-
010L**.mpg	4:22:04	4:24:53	0;28
011A**.mpg	4:24:30	5:10:43	-
012L-1**.mpg	5:09:52	5:33:10	2;04
012L-2**.mpg	5:29:10	5:51:38	-
012L-3**.mpg	5:49:12	6:05:06	-
013A**.mpg	6:03:49	6:49:17	-
014L-1**.mpg	6:48:25	7:07:02	1;05
014L-2**.mpg	7:04:09	7:40:31	-
015A**.mpg	7:38:55	8:27:51	-
016L**.mpg	8:26:58	8:42:23	3;06
017A**.mpg	8:39:09	9:22:39	-
018L**.mpg	9:21:50	9:29:09	1;17
019A**.mpg	9:24:16	9:49:55	-

Cell Moving

Duration	
Homegenization(Temperature#1)	7:33:42
Temp. Control 1(Temperature#2)	-
Temp. Control 2(Temperature#3)	8:42:19

Commanding Time	
Cell Moving 1	23:32:21
Cell Moving 2	9:10:45

Cell Moving before Soret Drive

Movie File Name	Start Time (hh:mm:ss)	End Time (hh:mm:ss)
Soret-20150630233138.mpg	23:32:17	23:55:16

Homogenization

Movie File Name	Start Time (hh:mm:ss)	End Time (hh:mm:ss)
1**.mpg	16:54:52	17:14:50
2**.mpg	18:09:29	18:29:26
3**.mpg	18:31:33	18:51:30
4**.mpg	19:26:51	19:46:49
5**.mpg	20:07:33	20:27:31
6**.mpg	21:04:02	21:24:00
7**.mpg	21:52:32	22:12:30
8**.mpg	22:44:12	23:04:10

JST7/7(Tue) GMT187-188 Soret Facet 2-16 (Liquid Soret(T))

Event	Homegenization (Temperature#1)		Cyclic Start	Temp. Control 1 (Temperature#2)		Temp. Control 2 (Temperature#3)		Temp. Control Stop	
Device	TL (TM5)	TH (TM6)		TL (TM5)	TH (TM6)	TL (TM5)	TH (TM6)	TL (TM5)	TH (TM6)
Temperature (°C)	35	35		-	-	25	-	-	
Time (hh:mm:ss)	17:21:22	17:22:19	23:10:40	-	-	0:05:00	-	9:21:00	9:21:27

Movie File Name	Start Time (hh:mm:ss)	End Time (hh:mm:ss)	AOS-LOS Time Gap (ss;ff)
001A**.mpg	23:59:01	0:37:57	-
002L**.mpg	0:36:23	0:41:36	1;08
003A**.mpg	0:39:28	1:21:29	-
004L**.mpg	1:20:32	1:38:30	1;09
005A**.mpg	1:37:12	2:14:56	-
006L**.mpg	2:13:31	2:19:07	0;26
007A**.mpg	2:16:31	3:01:57	-
008L**.mpg	3:00:45	3:15:56	1;22
009A**.mpg	3:14:29	3:55:57	-
010L**.mpg	3:53:48	3:59:05	1;06
011A**.mpg	3:57:33	4:40:30	-
012L**.mpg	4:39:19	4:52:38	1;18
013A**.mpg	4:51:25	5:31:57	-
014L**.mpg	5:30:34	5:35:06	1;06
015A**.mpg	5:33:36	6:20:19	-
016L**.mpg	6:19:19	6:31:37	3;11
017A**.mpg	6:30:08	6:51:09	-
018L**.mpg	6:50:08	7:04:52	1;11
019A**.mpg	7:03:42	7:22:59	-
020L**.mpg	7:21:40	7:26:16	1;00
021A**.mpg	7:24:44	7:46:17	-
022L**.mpg	7:45:16	8:09:29	1;08
023A**.mpg	8:07:40	8:46:56	-
024L**.mpg	8:45:52	8:49:50	1;05
025A**.mpg	8:48:27	9:35:06	-
026L**.mpg	9:33:52	9:52:41	1;03
027A**.mpg	9:49:25	9:58:15	-

Cell Moving

Duration	
Homegenization(Temperature#1)	6:42:41
Temp. Control 1(Temperature#2)	-
Temp. Control 2(Temperature#3)	9:16:00

Commanding Time	
Cell Moving 1	23:20:11
Cell Moving 2	9:15:57

Cell Moving before Soret Drive

Movie File Name	Start Time (hh:mm:ss)	End Time (hh:mm:ss)
Soret-20150706231050.mpg	23:11:36	23:39:35

Homogenization

Movie File Name	Start Time (hh:mm:ss)	End Time (hh:mm:ss)
1**.mpg	17:18:16	17:59:57
2**.mpg	18:01:36	18:21:33
3**.mpg	18:55:49	19:15:46
4**.mpg	19:52:23	20:12:21
5**.mpg	20:36:43	20:56:42
6**.mpg	21:19:26	21:39:23
7**.mpg	22:17:43	22:37:41

JST7/8(Wed) GMT188-189 Soret Facet 2-02 (Liquid Soret(T))

Event	Homegenization (Temperature#1)		Cyclic Start	Temp. Control 1 (Temperature#2)		Temp. Control 2 (Temperature#3)		Temp. Control Stop	
Device	TL (TM5)	TH (TM6)		TL (TM5)	TH (TM6)	TL (TM5)	TH (TM6)	TL (TM5)	TH (TM6)
Temperature (°C)	65	65		-	-	55	-	-	
Time (hh:mm:ss)	17:12:05	17:12:46	23:10:06	-	-	0:00:00	-	9:21:14	9:21:47

Movie File Name	Start Time (hh:mm:ss)	End Time (hh:mm:ss)	AOS-LOS Time Gap (ss;ff)
001A**.mpg	23:49:27	0:26:11	-
002L**.mpg	0:25:19	0:44:37	0;05
003A**.mpg	0:42:57	1:19:57	-
004L**.mpg	1:19:08	1:23:03	1;15
005A**.mpg	1:21:42	2:07:13	-
006L**.mpg	2:06:20	2:22:17	1;14
007A**.mpg	2:20:40	3:02:56	-
008L**.mpg	3:02:07	3:06:02	1;19
009A**.mpg	3:04:33	3:46:19	-
010L**.mpg	3:45:28	3:59:10	1;03
011A**.mpg	3:57:34	4:38:57	-
012L**.mpg	4:38:09	4:42:25	1;11
013A**.mpg	4:40:33	5:26:23	-
014L**.mpg	5:25:25	5:37:25	1;25
015A**.mpg	5:36:00	6:16:57	-
016L**.mpg	6:16:06	6:19:52	1;17
017A**.mpg	6:18:33	6:58:05	-
018L**.mpg	6:57:16	7:14:43	0;27
019A**.mpg	7:13:08	7:54:57	-
020L**.mpg	7:54:01	7:58:06	0;28
021A**.mpg	7:56:29	8:35:12	-
022L**.mpg	8:34:19	8:55:34	1;09
023A**.mpg	8:54:03	9:45:18	-
024L**.mpg	9:44:29	9:53:52	0;27
025A**.mpg	9:52:31	10:00:59	-

Cell Moving

Duration	
Homegenization(Temperature#1)	6:47:14
Temp. Control 1(Temperature#2)	-
Temp. Control 2(Temperature#3)	9:21:14

Commanding Time	
Cell Moving 1	23:16:26
Cell Moving 2	9:15:30

Cell Moving before Soret Drive

Movie File Name	Start Time (hh:mm:ss)	End Time (hh:mm:ss)
Soret-20150707231009.mpg	23:10:55	23:47:57

Homogenization

Movie File Name	Start Time (hh:mm:ss)	End Time (hh:mm:ss)
1**.mpg	17:08:21	17:28:19
2**.mpg	18:59:49	19:19:47
3**.mpg	19:41:43	20:01:43
4**.mpg	20:24:30	20:44:27
5**.mpg	21:22:22	21:42:20

JST7/9(Thu) GMT189-190 Soret Facet 2-04 (Liquid Soret(T))

Event	Homegenization (Temperature#1)		Cyclic Start	Temp. Control 1 (Temperature#2)		Temp. Control 2 (Temperature#3)		Temp. Control Stop	
Device	TL (TM5)	TH (TM6)		TL (TM5)	TH (TM6)	TL (TM5)	TH (TM6)	TL (TM5)	TH (TM6)
Temperature (°C)	55	55		-	-	45	-	-	
Time (hh:mm:ss)	17:14:14	17:15:01	22:55:56	-	-	0:00:00	-	9:16:13	9:16:40

Movie File Name	Start Time (hh:mm:ss)	End Time (hh:mm:ss)	AOS-LOS Time Gap (ss;ff)
001A**.mpg	23:48:35	0:27:57	-
002L**.mpg	0:27:07	0:31:04	1;14
003A**.mpg	0:29:30	0:57:50	-
004L**.mpg	0:57:02	1:00:17	2;01
005A**.mpg	0:58:38	1:06:17	-
006L**.mpg	1:05:25	1:27:37	1;06
007A**.mpg	1:26:29	2:06:57	-
008L**.mpg	2:06:06	2:10:08	1;06
009A**.mpg	2:08:32	2:52:15	-
010L**.mpg	2:47:38	3:05:05	1;04
011A**.mpg	3:03:41	3:43:57	-
012L**.mpg	3:43:07	3:47:13	1;28
013A**.mpg	3:45:33	4:13:57	-
014L-1**.mpg	4:13:06	4:31:26	-0;12
014L-2**.mpg	4:29:09	4:44:41	-
015A**.mpg	4:43:19	5:22:56	-
016L**.mpg	5:22:07	5:26:11	0;27
017A**.mpg	5:24:35	6:08:35	-
018L**.mpg	6:07:44	6:20:04	3;27
019A**.mpg	6:18:36	6:35:09	-
020L**.mpg	6:34:21	7:06:34	1;10
021A**.mpg	7:05:30	7:13:47	-
022L**.mpg	7:12:57	7:21:10	1;04
023A**.mpg	7:19:37	7:25:18	-
024L-1**.mpg	7:24:27	7:44:45	0;29
024L-2**.mpg	7:42:10	8:00:35	-
025A**.mpg	7:59:19	8:37:56	-
026L**.mpg	8:37:08	8:40:44	1;04
027A**.mpg	8:39:25	9:25:35	-
028L**.mpg	9:24:49	9:42:46	1;28
029A**.mpg	9:40:41	9:51:51	-

Cell Moving

Duration	
Homegenization(Temperature#1)	6:44:59
Temp. Control 1(Temperature#2)	-
Temp. Control 2(Temperature#3)	9:16:13

Commanding Time	
Cell Moving 1	23:04:11
Cell Moving 2	9:10:28

Cell Moving before Soret Drive

Movie File Name	Start Time (hh:mm:ss)	End Time (hh:mm:ss)
Soret-20150708225614.mpg	22:57:01	23:30:37

Homogenization

Movie File Name	Start Time (hh:mm:ss)	End Time (hh:mm:ss)
1**.mpg	17:10:47	17:30:45
2**.mpg	17:53:33	18:13:31
3**.mpg	18:47:27	19:07:25
4**.mpg	19:31:30	19:51:28
5**.mpg	20:27:00	20:46:57
6**.mpg	21:11:28	21:31:25
7**.mpg	22:09:39	22:29:37

JST7/14-15(Tue-Wed) GMT195-196 Soret Facet 2-10(Liquid Diffusion)									
Event	Homegenization (Temperature#1)		Cyclic Start	Temp. Control 1 (Temperature#2)		Temp. Control 2 (Temperature#3)		Temp. Control Stop	
Device	TL (TM1)	TH (TM2)		TL (TM1)	TH (TM2)	TL (TM1)	TH (TM2)	TL (TM1)	TH (TM2)
Temperature (°C)	55	55		35	-	55	-	-	
Time (hh:mm:ss)	10:17:54	10:18:47	16:03:02	17:00:00	-	0:10:00	-	9:28:49	9:29:26

Movie File Name	Start Time (hh:mm:ss)	End Time (hh:mm:ss)	AOS-LOS Time Gap (ss;ff)
001A**.mpg	16:42:56	17:20:56	-
002L**.mpg	17:20:06	17:24:06	1;08
003A**.mpg	17:22:30	18:04:25	-
004L**.mpg	18:03:33	18:23:23	1;06
005A**.mpg	18:21:37	18:59:56	-
006L**.mpg	18:59:06	19:02:58	1;05
007A**.mpg	19:01:31	19:43:16	-
008L**.mpg	19:42:24	20:06:39	0;23
009A**.mpg	20:04:39	20:55:06	-
010L**.mpg	20:54:14	21:12:19	0;20
011A**.mpg	21:10:42	21:25:17	-
012L**.mpg	21:24:25	21:43:39	1;01
013A**.mpg	21:42:22	22:08:39	-
014L**.mpg	22:07:49	22:15:23	1;01
015A**.mpg	22:12:55	22:19:56	-
016L**.mpg	22:19:07	22:25:48	1;02
017A**.mpg	22:21:30	23:06:32	-
018L**.mpg	23:05:40	23:21:46	0;20
019A**.mpg	23:20:02	0:02:56	-
020L**.mpg	0:02:06	0:07:16	1;12
021A**.mpg	0:04:34	0:45:50	-
022L**.mpg	0:45:00	0:58:29	1;02
023A**.mpg	0:57:04	1:39:56	-
024L**.mpg	1:39:09	1:43:22	1;06
025A**.mpg	1:41:35	2:27:16	-
026L**.mpg	2:26:26	2:37:00	0;27
027A**.mpg	2:35:26	3:16:56	-
028L**.mpg	3:16:00	3:19:57	1;03
029A**.mpg	3:18:34	3:57:32	-
030L**.mpg	3:56:41	4:14:08	2;10
031A**.mpg	4:12:30	4:47:48	-
032L**.mpg	4:47:01	4:51:00	1;01
033A**.mpg	4:49:26	5:40:26	-
034L**.mpg	5:39:33	5:55:08	3;03
035A**.mpg	5:53:27	6:33:57	-
036L**.mpg	6:33:01	6:36:49	1;00
037A**.mpg	6:35:23	7:19:00	-
038L**.mpg	7:18:28	7:37:06	1;18
039A**.mpg	7:35:25	8:20:56	-
040L**.mpg	8:20:02	8:23:56	1;06
041A**.mpg	8:22:19	8:45:17	-
042L**.mpg	8:44:19	9:19:16	3;00
043A**.mpg	9:17:21	9:57:56	-
044L**.mpg	9:57:01	10:00:33	1;22
045A**.mpg	9:59:28	10:03:04	-

Cell Moving

Cell Moving

Duration	
Homegenization(Temperature#1)	6:41:13
Temp. Control 1(Temperature#2)	7:10:00
Temp. Control 2(Temperature#3)	9:18:49

Commanding Time	
Cell Moving 1	16:11:44
Cell Moving 2	23:38:33
Cell Moving 3	9:22:01

Cell Moving before Soret Drive

Movie File Name	Start Time (hh:mm:ss)	End Time (hh:mm:ss)
Soret-20150714160308.mpg	16:04:00	16:30:48

Homogenization

Movie File Name	Start Time (hh:mm:ss)	End Time (hh:mm:ss)
1**.mpg	10:13:44	10:33:02
2**.mpg	10:54:29	11:14:27
3**.mpg	11:46:44	12:06:42
4**.mpg	12:28:33	12:48:32
5**.mpg	13:23:40	13:43:38
6**.mpg	14:06:34	14:26:32
7**.mpg	15:00:00	15:20:51
8**.mpg	15:41:35	16:01:32

JST7/21-22(Tue-Wed) GMT202-203 Soret Facet 2-11(Liquid Diffusion)									
Event	Homegenization (Temperature#1)		Cyclic Start	Temp. Control 1 (Temperature#2)		Temp. Control 2 (Temperature#3)		Temp. Control Stop	
Device	TL (TM1)	TH (TM2)		TL (TM1)	TH (TM2)	TL (TM1)	TH (TM2)	TL (TM1)	TH (TM2)
Temperature (°C)	50	50		40	-	50	-	-	
Time (hh:mm:ss)	10:24:18	10:24:50	16:03:33	17:10:00	-	0:30:00	-	9:37:53	9:38:22

Movie File Name	Start Time (hh:mm:ss)	End Time (hh:mm:ss)	AOS-LOS Time Gap (ss;ff)
001A**.mpg	17:03:48	17:51:57	-
002L**.mpg	17:51:07	17:54:54	0;26
003A**.mpg	17:53:29	18:03:29	-
004L-1**.mpg	18:02:37	18:23:39	3;11
004L-2**.mpg	18:21:09	18:43:20	-
005A**.mpg	18:41:46	19:27:21	-
006L**.mpg	19:26:29	19:33:35	1;21
007A**.mpg	19:31:48	20:06:32	-
008L**.mpg	20:05:41	20:21:17	1;23
009A**.mpg	20:19:57	21:01:14	-
010L**.mpg	21:00:24	21:08:18	0;27
011A**.mpg	21:06:31	21:46:07	-
012L**.mpg	21:45:15	21:58:12	1;05
013A**.mpg	21:56:40	22:39:57	-
014L**.mpg	22:39:07	22:42:59	1;06
015A**.mpg	22:41:36	23:27:28	-
016L**.mpg	23:26:36	23:36:38	2;00
017A**.mpg	23:34:50	0:17:55	-
018L**.mpg	0:16:07	0:20:11	1;27
019A**.mpg	0:18:33	0:57:16	-
020L**.mpg	0:56:26	1:13:27	0;29
021A**.mpg	1:11:36	1:57:56	-
022L**.mpg	1:57:08	2:01:07	1;00
023A**.mpg	1:59:33	2:33:58	-
024L-1**.mpg	2:33:06	2:54:19	0;28
024L-2**.mpg	2:52:09	3:28:50	-
025A**.mpg	3:26:27	3:33:44	-
026L**.mpg	3:32:02	3:36:57	1;14
027A**.mpg	3:34:42	4:18:28	-
028L**.mpg	4:17:37	4:36:24	0;24
029A**.mpg	4:35:05	5:16:56	-
030L**.mpg	5:16:07	5:20:06	0;25
031A**.mpg	5:18:24	6:00:42	-
032L**.mpg	5:52:58	6:21:18	1;01
033A**.mpg	6:17:18	7:03:38	-
034L-1**.mpg	6:59:24	7:21:50	0;26
034L-2**.mpg	7:19:03	7:55:33	-
035A**.mpg	7:53:15	8:34:56	-
036L**.mpg	8:34:06	8:38:32	1;03
037A**.mpg	8:37:16	9:16:19	-
038L**.mpg	9:15:29	9:31:33	1;00
039A**.mpg	9:29:55	10:11:57	-
040L**.mpg	10:11:10	10:15:03	0;23
041A**.mpg	10:13:34	10:16:35	-

Cell Moving

Cell Moving

Duration	
Homegenization(Temperature#1)	6:45:10
Temp. Control 1(Temperature#2)	7:20:00
Temp. Control 2(Temperature#3)	9:07:53

Commanding Time	
Cell Moving 1	16:15:32
Cell Moving 2	0:00:59
Cell Moving 3	9:31:54

Cell Moving before Soret Drive

Movie File Name	Start Time (hh:mm:ss)	End Time (hh:mm:ss)
Soret-20150721160611.mpg	16:07:09	16:42:44

Homogenization		
Movie File Name	Start Time (hh:mm:ss)	End Time (hh:mm:ss)
1**.mpg	10:03:20	10:09:54
2**.mpg	10:29:41	10:49:39
3**.mpg	11:06:37	11:52:31
4**.mpg	12:00:19	12:20:16
5**.mpg	12:46:33	13:06:31
6**.mpg	13:40:04	14:00:01
7**.mpg	14:21:30	14:41:29

JST7/27-28(Mon-Tue) GMT208-209 Soret Facet 2-12(Liquid Diffusion)									
Event	Homegenization (Temperature#1)		Cyclic Start	Temp. Control 1 (Temperature#2)		Temp. Control 2 (Temperature#3)		Temp. Control Stop	
Device	TL (TM1)	TH (TM2)		TL (TM1)	TH (TM2)	TL (TM1)	TH (TM2)	TL (TM1)	TH (TM2)
Temperature (°C)	48	48		42	-	48	-	-	
Time (hh:mm:ss)	10:07:27	10:07:58	16:38:46	18:40:00	-	3:30:00	-	11:25:33	11:26:02

Movie File Name	Start Time (hh:mm:ss)	End Time (hh:mm:ss)	AOS-LOS Time Gap (ss;ff)	Cell Moving
001A**.mpg	18:13:54	18:54:56	-	
002L**.mpg	18:54:05	18:58:03	1;16	
003A**.mpg	18:56:34	19:42:32	-	
004L**.mpg	19:41:41	19:51:51	0;21	
005A**.mpg	19:50:25	20:34:57	-	
006L**.mpg	20:34:02	20:38:08	1;15	
007A**.mpg	20:36:37	21:14:23	-	
008L**.mpg	21:13:29	21:28:32	1;24	
009A**.mpg	21:27:06	22:07:57	-	
010L**.mpg	22:07:07	22:11:18	0;27	
011A**.mpg	22:09:34	22:50:45	-	
012L**.mpg	22:49:55	23:09:25	0;02	
013A**.mpg	23:07:55	23:44:56	-	
014L**.mpg	23:44:06	23:47:51	1;08	
015A**.mpg	23:46:32	0:33:30	-	
016L**.mpg	0:32:39	0:49:24	1;04	
017A**.mpg	0:48:20	1:23:57	-	
018L**.mpg	1:23:10	1:26:48	0;28	
019A**.mpg	1:25:25	2:10:19	-	
020L-1**.mpg	2:09:29	2:31:32	1;06	Cell Moving
020L-2**.mpg	2:29:11	3:04:00	-	
021A**.mpg	3:02:38	3:53:25	-	
022L**.mpg	3:52:33	4:14:31	1;00	
023A**.mpg	4:13:26	4:54:57	-	
024L**.mpg	4:54:07	4:58:23	1;00	
025A**.mpg	4:56:29	5:35:49	-	
026L**.mpg	5:34:58	5:49:34	1;16	
027A**.mpg	5:48:21	6:28:56	-	
028L**.mpg	6:28:05	6:31:54	0;28	
029A**.mpg	6:30:35	6:37:57	-	
030L**.mpg	6:37:06	6:46:02	3;28	
031A**.mpg	6:45:09	7:16:31	-	
032L**.mpg	7:15:32	7:26:16	0;27	
033A**.mpg	7:24:41	8:04:57	-	
034L**.mpg	8:04:01	8:08:06	1;05	
035A**.mpg	8:06:39	8:47:51	-	
036L**.mpg	8:46:52	9:02:03	1;03	
037A**.mpg	9:00:27	9:41:56	-	Cell Moving
038L**.mpg	9:41:06	9:45:04	1;06	
039A**.mpg	9:43:38	10:24:18	-	
040L**.mpg	10:23:28	10:41:32	0;22	
041A**.mpg	10:40:13	11:17:57	-	
042L**.mpg	11:17:06	11:21:20	1;17	
043A**.mpg	11:19:34	12:01:12	-	

Homogenization		
Movie File Name	Start Time (hh:mm:ss)	End Time (hh:mm:ss)
1**.mpg	10:04:33	10:22:54
2**.mpg	10:36:35	10:56:33
3**.mpg	11:34:43	11:54:41
4**.mpg	12:13:48	12:33:45
5**.mpg	13:20:09	13:40:06
6**.mpg	13:56:25	14:16:23
7**.mpg	15:31:25	15:51:27
8**.mpg	16:41:30	17:01:28

Cell Moving(Hopping)

Duration	
Homegenization(Temperature#1)	8:32:02
Temp. Control 1(Temperature#2)	8:50:00
Temp. Control 2(Temperature#3)	7:55:33
Commanding Time	
Cell Moving 1	18:15:26
Cell Moving 2	3:08:38
Cell Moving 3	11:20:18

JST9/30(Wed) GMT272-273 Soret Facet 1-15rr (Liquid Soret(T))

Event	Homegenization (Temperature#1)		Cyclic Start	Temp. Control 1 (Temperature#2)		Temp. Control 2 (Temperature#3)		Temp. Control Stop	
Device	TL (TM5)	TH (TM6)		TL (TM5)	TH (TM6)	TL (TM5)	TH (TM6)	TL (TM5)	TH (TM6)
Temperature (°C)	40	40		-	-	30	-	-	
Time (hh:mm:ss)	18:11:03	18:11:36	23:43:18	-	-	0:30:00	-	9:28:52	9:29:21

Movie File Name	Start Time (hh:mm:ss)	End Time (hh:mm:ss)	AOS-LOS Time Gap (ss;ff)
001A**.mpg	0:17:34	1:00:10	-
002L**.mpg	0:59:18	1:18:43	1;26
003A**.mpg	1:17:17	1:59:56	-
004L**.mpg	1:59:05	2:02:48	1;00
005A**.mpg	2:01:43	2:39:01	-
006L**.mpg	2:38:09	2:58:44	0;21
007A**.mpg	2:57:15	3:36:55	-
008L**.mpg	3:36:07	3:40:04	1;10
009A**.mpg	3:38:29	4:01:47	-
010L**.mpg	4:00:56	4:16:02	0;29
011A**.mpg	4:14:13	4:22:47	-
012L**.mpg	4:21:58	4:35:56	1;16
013A**.mpg	4:34:43	5:14:57	-
014L**.mpg	5:14:06	5:17:45	1;12
015A**.mpg	5:16:33	6:03:19	-
016L**.mpg	6:02:27	6:12:34	0;26
017A**.mpg	6:11:05	6:51:54	-
018L**.mpg	6:51:05	6:54:50	0;21
019A**.mpg	6:53:34	7:33:44	-
020L**.mpg	7:32:54	7:50:17	1;09
021A**.mpg	7:48:13	8:29:57	-
022L**.mpg	8:29:09	8:33:13	0;27
023A**.mpg	8:31:34	9:18:30	-
024L**.mpg	9:17:40	9:28:53	1;05
025A**.mpg	9:26:53	9:51:56	-

Cell Moving

Duration	
Homegenization(Temperature#1)	6:18:24
Temp. Control 1(Temperature#2)	-
Temp. Control 2(Temperature#3)	8:58:52

Commanding Time	
Cell Moving 1	23:56:26
Cell Moving 2	9:00:31

Cell Moving before Soret Drive

Movie File Name	Start Time (hh:mm:ss)	End Time (hh:mm:ss)
Soret-20150929234402.mpg	23:45:07	0:15:57

Homogenization

Movie File Name	Start Time (hh:mm:ss)	End Time (hh:mm:ss)
0**.mpg	17:03:42	17:42:57
1**.mpg	18:37:28	18:57:27
2**.mpg	19:20:34	19:40:33
3**.mpg	20:14:53	20:34:50
4**.mpg	21:01:33	21:21:32
5**.mpg	21:52:24	22:12:21
6**.mpg	22:52:01	23:11:58

Melting

JST10/7-8(Wed-Thu) GMT280-281 Soret Facet 1-09rr(Liquid Diffusion)_Aborted (IPU Trouble)

Event	Homegenization (Temperature#1)		Cyclic Start	Temp. Control 1 (Temperature#2)		Temp. Control 2 (Temperature#3)		Temp. Control Stop	
Device	TL (TM1)	TH (TM2)		TL (TM1)	TH (TM2)	TL (TM1)	TH (TM2)	TL (TM1)	TH (TM2)
Temperature (°C)	60	60		30	-	60	-	-	
Time (hh:mm:ss)	10:10:26	10:11:04	16:38:57	17:15:00	-	0:00:00	-	2:29:27	2:30:14

21630

264630

Movie File Name	Start Time (hh:mm:ss)	End Time (hh:mm:ss)	AOS-LOS Time Gap (ss;ff)
001A**.mpg	17:10:35	17:51:38	-
002L-1**.mpg	17:50:46	18:20:39	
002L-2**.mpg	18:14:09	18:45:16	
003A**.mpg	18:43:41	18:52:36	-
004L**.mpg	18:51:45	19:06:28	
005A**.mpg	19:03:31	19:28:16	-
006L**.mpg	-	-	
007A**.mpg	19:28:54	19:34:50	-
008L**.mpg	-	-	
009A**.mpg	19:46:52	20:29:56	-
010L**.mpg	20:29:05	20:34:11	
011A**.mpg	20:31:23	21:12:45	-
012L**.mpg	21:11:54	21:31:23	
013A**.mpg	21:29:36	22:19:59	-
014L-1**.mpg	22:19:08	22:36:34	
014L-2**.mpg	22:34:10	23:12:27	
015A**.mpg	23:10:48	23:51:57	
016L**.mpg	23:51:05	23:55:35	
017A**.mpg	23:53:26	0:35:00	
018L**.mpg	0:34:12	0:49:20	
019A**.mpg	0:48:08	1:29:56	
020L**.mpg	1:29:07	1:34:49	
021A**.mpg	1:31:35	2:14:37	
022L**.mpg	-	-	
023A**.mpg	2:24:43	3:03:56	

Duration	
Homegenization(Temperature#1)	7:03:56
Temp. Control 1(Temperature#2)	6:45:00
Temp. Control 2(Temperature#3)	2:29:27

Commanding Time	
Cell Moving 1	16:46:59
Cell Moving 2	23:38:11
Cell Moving 3	-

19:52頃大きなパケロスあり/backup VRU5不具合のため、パケロス部分のデータはなし

Cell Moving パケロスあったので番地取り直した/パケロス部分のBackupデータは未取得

固化観察位置へ移動して制御停止/固化

Cell Moving before Soret Drive

Movie File Name	Start Time (hh:mm:ss)	End Time (hh:mm:ss)
Soret-20151007163856.mpg	16:40:08	17:08:57

Homogenization

Movie File Name	Start Time (hh:mm:ss)	End Time (hh:mm:ss)
1**.mpg	10:03:37	10:19:55
2**.mpg	12:20:19	12:40:16
3**.mpg	13:14:25	13:34:24
4**.mpg	13:54:35	14:14:32
5**.mpg	14:50:58	15:10:57
6**.mpg	15:41:30	16:01:35

Melting

Zero Fringe

Movie File Name	Start Time (hh:mm:ss)	End Time (hh:mm:ss)
1**.mpg	10:21:28	10:50:16
2**.mpg	11:36:49	11:44:54
3**.mpg	11:46:53	11:49:06
4**.mpg	11:50:58	12:18:41

JST10/16(Fri) GMT288-289 Soret Facet 1-16rr (Liquid Soret(T))

Event	Homegenization (Temperature#1)		Cyclic Start	Temp. Control 1 (Temperature#2)		Temp. Control 2 (Temperature#3)		Temp. Control Stop	
Device	TL (TM5)	TH (TM6)		TL (TM5)	TH (TM6)	TL (TM5)	TH (TM6)	TL (TM5)	TH (TM6)
Temperature (°C)	35	35		-	-	25	-	-	
Time (hh:mm:ss)	17:16:42	17:17:28	23:34:51	-	-	0:30:00	-	9:18:38	9:19:11

33090

Movie File Name	Start Time (hh:mm:ss)	End Time (hh:mm:ss)	AOS-LOS Time Gap (ss;ff)
001A**.mpg	0:25:41	0:53:56	-
002L**.mpg	0:53:00	0:58:27	
003A**.mpg	0:56:11	1:40:14	-
004L**.mpg	1:39:22	1:53:14	
005A**.mpg	1:51:47	2:29:57	-
006L**.mpg	2:29:05	2:33:36	
007A**.mpg	2:32:04	3:21:34	-
008L**.mpg	3:20:41	3:35:34	
009A**.mpg	3:32:29	4:08:57	-
010L**.mpg	4:08:08	4:12:03	
011A**.mpg	4:10:35	4:53:38	-
012L**.mpg	4:52:47	5:18:13	
013A**.mpg	5:16:51	5:52:57	-
014L**.mpg	5:52:07	6:01:12	
015A**.mpg	5:59:46	6:07:23	-
016L**.mpg	6:06:33	6:23:04	
017A**.mpg	6:21:10	6:32:19	-
018L**.mpg	6:31:31	7:00:26	
019A**.mpg	6:57:05	7:47:11	-
020L-1**.mpg	7:46:20	8:14:55	
020L-2**.mpg	8:12:10	8:38:03	
021A**.mpg	8:36:21	9:14:57	-
022L**.mpg	9:14:07	9:18:42	
023A**.mpg	9:16:37	9:38:59	-

3:35頃大きなノイズ有

Cell Moving

Duration	
Homegenization(Temperature#1)	7:12:32
Temp. Control 1(Temperature#2)	-
Temp. Control 2(Temperature#3)	8:48:38

Commanding Time	
Cell Moving 1	23:37:22
Cell Moving 2	9:02:30

Cell Moving before Soret Drive

Movie File Name	Start Time (hh:mm:ss)	End Time (hh:mm:ss)
Soret-20151015233447.mpg	23:35:35	23:55:33

Homogenization

Movie File Name	Start Time (hh:mm:ss)	End Time (hh:mm:ss)
1**.mpg	17:08:57	17:22:09
2**.mpg	17:42:35	18:02:35
3**.mpg	18:23:20	18:43:18
4**.mpg	22:03:16	22:16:01

Melting

JST10/22-23(Thu-Fri) GMT295-296 Soret Facet 1-10rr(Liquid Diffusion)

Event	Homegenization (Temperature#1)		Cyclic Start	Temp. Control 1 (Temperature#2)		Temp. Control 2 (Temperature#3)		Temp. Control Stop	
Device	TL (TM1)	TH (TM2)		TL (TM1)	TH (TM2)	TL (TM1)	TH (TM2)	TL (TM1)	TH (TM2)
Temperature (°C)	55	55		35	-	55	-	-	
Time (hh:mm:ss)	10:01:47	10:03:02	15:40:21	16:55:00	-	0:55:00	-	9:40:14	9:40:46

44790

332790

Movie File Name	Start Time (hh:mm:ss)	End Time (hh:mm:ss)	AOS-LOS Time Gap (ss;ff)
001A**.mpg	16:28:59	17:18:40	-
002L**.mpg	17:17:46	17:26:04	
003A**.mpg	17:25:26	17:51:12	-
004L**.mpg	17:50:20	18:11:02	
005A**.mpg	18:09:39	18:56:07	-
006L**.mpg	18:55:14	19:25:22	
007A**.mpg	19:23:05	19:34:43	-
008L**.mpg	19:33:55	19:46:14	
009A**.mpg	19:45:14	20:25:56	-
010L**.mpg	20:25:05	20:28:19	
011A**.mpg	20:27:38	21:15:43	-
012L**.mpg	21:14:52	21:22:35	
013A**.mpg	21:21:11	22:04:56	-
014L**.mpg	22:04:05	22:08:09	
015A**.mpg	22:06:37	22:20:55	-
016L**.mpg	22:20:05	22:37:10	
017A**.mpg	22:35:36	22:47:41	-
018L**.mpg	22:46:52	22:58:45	
019A**.mpg	22:57:16	23:38:17	-
020L**.mpg	23:37:27	23:41:37	
021A**.mpg	23:39:57	0:28:54	-
022L**.mpg	0:28:04	0:38:27	
023A**.mpg	0:36:55	1:16:56	-
024L**.mpg	1:16:07	1:22:24	
025A**.mpg	1:18:36	2:01:19	-
026L**.mpg	2:00:18	2:23:14	
027A**.mpg	2:22:44	2:48:17	-
028L**.mpg	2:47:27	2:53:31	
029A**.mpg	2:50:01	3:40:42	-
030L**.mpg	3:38:40	4:05:55	
031A**.mpg	4:04:46	4:39:56	-
032L**.mpg	4:39:08	4:43:10	
033A**.mpg	4:42:15	4:58:59	-
034L-1**.mpg	4:58:09	5:22:20	
034L-2**.mpg	5:19:11	5:43:33	
035A**.mpg	5:41:35	6:26:46	-
036L-1**.mpg	6:25:55	6:54:41	
036L-2**.mpg	6:52:10	7:20:58	
037A**.mpg	7:19:12	7:59:57	-
038L**.mpg	7:59:08	8:04:04	
039A**.mpg	8:01:39	8:45:47	-
040L**.mpg	8:44:55	8:56:47	
041A**.mpg	8:55:10	9:36:56	-
042L**.mpg	9:35:52	9:41:49	
043A**.mpg	9:38:40	10:06:26	-

Cell Moving

Cell Moving

Cell Moving

Duration	
Homegenization(Temperature#1)	6:51:58
Temp. Control 1(Temperature#2)	8:00:00
Temp. Control 2(Temperature#3)	8:45:14

Commanding Time	
Cell Moving 1	16:35:29
Cell Moving 2	0:41:08
Cell Moving 3	9:26:31

Homogenization		
Movie File Name	Start Time (hh:mm:ss)	End Time (hh:mm:ss)
1**.mpg	9:55:22	10:06:14
2**.mpg	10:08:35	10:28:40
3**.mpg	10:31:38	10:51:35
4**.mpg	11:23:41	11:43:38
5**.mpg	12:06:35	12:26:32
6**.mpg	13:02:18	13:22:16
7**.mpg	13:39:40	13:59:38
8**.mpg	15:16:43	15:36:44
9**.mpg	15:41:24	16:01:22

Melting

JST10/26-27(Mon-Tue) GMT299-300 Soret Facet 1-09rr-retry(Liquid Diffusion)

Event	Homegenization (Temperature#1)		Cyclic Start	Temp. Control 1 (Temperature#2)		Temp. Control 2 (Temperature#3)		Temp. Control Stop	
Device	TL (TM1)	TH (TM2)		TL (TM1)	TH (TM2)	TL (TM1)	TH (TM2)	TL (TM1)	TH (TM2)
Temperature (°C)	60	60		30	-	60	-	-	
Time (hh:mm:ss)	6:32:23	6:33:06	12:13:36	13:35:00	-	21:25:00	-	4:42:25	4:42:48

48840

330840

Movie File Name	Start Time (hh:mm:ss)	End Time (hh:mm:ss)	AOS-LOS Time Gap (ss;ff)
001A**.mpg	13:23:52	14:13:03	-
002L-1**.mpg	14:12:12	14:41:29	
002L-2**.mpg	14:39:11	15:08:10	-
003A**.mpg	15:06:28	15:56:16	-
004L**.mpg	15:55:26	16:16:52	
005A**.mpg	16:15:35	17:02:09	-
006L**.mpg	17:01:19	17:06:03	
007A**.mpg	17:04:59	17:40:46	-
008L**.mpg	17:39:55	17:52:40	
009A**.mpg	17:51:37	18:35:22	-
010L**.mpg	18:34:32	18:38:36	
011A**.mpg	18:37:08	19:19:36	-
012L**.mpg	19:18:45	19:28:39	
013A**.mpg	19:27:34	20:09:00	-
014L**.mpg	20:08:10	20:22:57	
015A**.mpg	20:21:53	20:55:48	-
016L**.mpg	20:54:57	21:07:25	
017A**.mpg	21:06:27	21:50:59	-
018L**.mpg	21:50:09	21:54:16	
019A**.mpg	21:52:42	22:28:12	-
020L-1**.mpg	22:27:20	22:51:50	
020L-2**.mpg	22:49:09	23:08:50	
021A**.mpg	23:06:40	23:19:56	-
022L**.mpg	23:19:05	23:22:30	
023A**.mpg	23:21:36	0:10:28	-
024L**.mpg	0:09:38	0:28:40	
025A**.mpg	0:26:52	0:35:17	-
026L**.mpg	0:34:27	0:55:12	
027A**.mpg	0:53:05	1:03:56	-
028L**.mpg	1:03:09	1:07:15	
029A**.mpg	1:05:28	1:44:02	-
030L-1**.mpg	1:43:11	2:11:40	
030L-2**.mpg	2:09:12	2:37:14	
031A**.mpg	2:35:50	3:07:31	-
032L-1**.mpg	3:06:39	3:38:35	
032L-2**.mpg	3:34:11	4:00:40	
033A**.mpg	3:59:19	4:27:57	-
034L**.mpg	4:27:06	4:31:02	
035A**.mpg	4:29:33	4:46:41	-
036L-1**.mpg	4:45:49	5:11:41	
036L-2**.mpg	5:09:11	5:39:57	
037A**.mpg	5:38:53	5:41:30	-

Cell Moving

Cell Moving

Duration	
Homegenization(Temperature#1)	7:01:54
Temp. Control 1(Temperature#2)	7:50:00
Temp. Control 2(Temperature#3)	7:17:25

Commanding Time	
Cell Moving 1	12:54:47
Cell Moving 2	21:08:44
Cell Moving 3	4:34:58

Cell Moving before Soret Drive

Movie File Name	Start Time (hh:mm:ss)	End Time (hh:mm:ss)
Soret-20151026125144.mpg	12:52:42	13:17:17

Homogenization

Movie File Name	Start Time (hh:mm:ss)	End Time (hh:mm:ss)
1**.mpg	6:31:27	6:40:16
2**.mpg	9:29:54	9:49:53
3**.mpg	10:13:36	10:33:34
4**.mpg	11:10:29	11:30:27
5**.mpg	11:46:07	12:06:05
6**.mpg	12:14:35	12:34:33

Melting

Zero Fringe

Movie File Name	Start Time (hh:mm:ss)	End Time (hh:mm:ss)
1**.mpg	7:53:54	8:31:56
2**.mpg	8:33:24	8:36:57
3**.mpg	8:38:37	8:43:34

JST11/5-6(Thu-Fri) GMT309-310 Soret Facet 1-11rr(Liquid Diffusion)

Event	Homegenization (Temperature#1)		Cyclic Start	Temp. Control 1 (Temperature#2)		Temp. Control 2 (Temperature#3)		Temp. Control Stop	
Device	TL (TM1)	TH (TM2)		TL (TM1)	TH (TM2)	TL (TM1)	TH (TM2)	TL (TM1)	TH (TM2)
Temperature (°C)	50	50		40	-	50	-	-	
Time (hh:mm:ss)	9:54:59	9:55:48	16:41:25	17:30:00	-	1:45:00	-	8:58:35	8:59:00

29150

326150

Movie File Name	Start Time (hh:mm:ss)	End Time (hh:mm:ss)	AOS-LOS Time Gap (ss;ff)
001A**.mpg	17:08:47	17:50:42	-
002L**.mpg	17:49:51	17:54:07	
003A**.mpg	17:52:21	18:30:06	-
004L**.mpg	18:29:16	18:45:50	
005A**.mpg	18:44:31	19:26:17	-
006L**.mpg	19:25:26	19:29:45	
007A**.mpg	19:28:09	20:13:28	-
008L-1**.mpg	20:12:38	20:36:38	
008L-2**.mpg	20:32:12	20:55:01	-
009A**.mpg	20:52:54	21:04:56	-
010L**.mpg	21:04:11	21:23:20	
011A**.mpg	21:22:49	21:49:14	-
012L**.mpg	21:48:24	22:13:05	
013A**.mpg	22:11:35	23:00:29	-
014L-1**.mpg	22:59:39	23:26:15	
014L-2**.mpg	23:24:11	23:51:14	-
015A**.mpg	23:50:09	0:29:57	-
016L**.mpg	0:29:03	0:32:20	
017A**.mpg	0:31:30	0:53:32	-
018L**.mpg	0:53:56	1:31:14	
019A**.mpg	1:29:50	2:11:24	-
020L**.mpg	2:10:08	2:20:06	
021A**.mpg	2:18:47	2:55:01	-
022L**.mpg	2:54:10	3:17:21	
023A**.mpg	3:16:03	3:47:38	-
024L**.mpg	3:46:47	3:51:55	
025A**.mpg	3:49:39	4:34:28	-
026L**.mpg	4:33:30	4:42:55	
027A**.mpg	4:41:24	5:19:59	-
028L**.mpg	5:19:05	5:41:13	
029A**.mpg	5:40:22	6:04:15	-
030L**.mpg	6:03:23	6:20:23	
031A**.mpg	6:19:05	6:59:57	-
032L**.mpg	6:59:04	7:03:49	
033A**.mpg	7:01:58	7:16:17	-
034L**.mpg	7:15:24	7:18:02	
035A**.mpg	7:17:06	7:45:40	-
036L-1**.mpg	7:44:47	8:01:22	
036L-2**.mpg	7:59:08	8:31:20	-
036L-3**.mpg	8:29:09	8:40:27	-
037A**.mpg	8:35:44	9:22:24	-

Cell Moving

Cell Moving

Cell Moving

Duration	
Homegenization(Temperature#1)	7:34:12
Temp. Control 1(Temperature#2)	8:15:00
Temp. Control 2(Temperature#3)	7:13:35

Commanding Time	
Cell Moving 1	17:10:16
Cell Moving 2	1:37:51
Cell Moving 3	8:52:04

Homogenization

Movie File Name	Start Time (hh:mm:ss)	End Time (hh:mm:ss)
1**.mpg	9:50:12	10:10:10
2**.mpg	13:01:28	13:21:25
3**.mpg	13:55:22	14:15:19
4**.mpg	14:39:19	14:59:16
5**.mpg	15:30:30	15:50:28
6**.mpg	16:15:25	16:35:23

Melting

Zero Fringe

Movie File Name	Start Time (hh:mm:ss)	End Time (hh:mm:ss)
Soret-20151105110324.mpg	11:04:32	11:24:30

11:20:00(532nm)

JST11/9-10(Mon-Tue) GMT313-314 Soret Facet 1-12rr(Liquid Diffusion)

Event	Homegenization (Temperature#1)		Cyclic Start	Temp. Control 1 (Temperature#2)		Temp. Control 2 (Temperature#3)		Temp. Control Stop	
Device	TL (TM1)	TH (TM2)		TL (TM1)	TH (TM2)	TL (TM1)	TH (TM2)	TL (TM1)	TH (TM2)
Temperature (°C)	48	48		42	-	48	-	-	
Time (hh:mm:ss)	10:28:53	10:29:34	16:01:39	17:05:00	-	0:30:00	-	9:34:02	9:34:23

38010

305010

Movie File Name	Start Time (hh:mm:ss)	End Time (hh:mm:ss)	AOS-LOS Time Gap (ss;ff)
001A**.mpg	16:50:11	17:29:56	-
002L**.mpg	17:29:06	17:35:27	
003A**.mpg	17:31:46	18:18:32	-
004L**.mpg	18:17:41	18:42:45	
005A**.mpg	18:40:59	19:04:54	-
006L**.mpg	19:04:07	19:08:01	
007A**.mpg	19:06:27	19:51:20	-
008L**.mpg	19:50:30	20:17:49	
009A**.mpg	20:16:23	20:51:56	-
010L**.mpg	20:51:04	20:54:36	
011A**.mpg	20:53:56	21:30:11	-
012L**.mpg	21:29:20	21:55:39	
013A**.mpg	21:54:18	22:42:51	-
014L-1**.mpg	22:42:01	23:01:28	
014L-2**.mpg	22:59:11	23:21:34	-
014L-3**.mpg	23:19:13	23:35:58	-
015A**.mpg	23:34:36	0:14:21	-
016L**.mpg	0:13:31	0:17:24	
017A**.mpg	0:15:57	0:55:54	-
018L**.mpg	0:54:55	1:10:39	
019A**.mpg	1:09:16	1:52:28	-
020L**.mpg	1:51:35	1:55:56	
021A**.mpg	1:54:38	2:38:37	-
022L**.mpg	2:32:21	2:55:25	
023A**.mpg	2:52:16	3:30:32	-
024L**.mpg	3:29:07	3:35:46	
025A**.mpg	3:31:49	4:09:03	-
026L**.mpg	4:08:12	4:25:08	
027A**.mpg	4:23:52	5:04:56	-
028L**.mpg	5:04:05	5:07:57	
029A**.mpg	5:06:36	5:45:27	-
030L-1**.mpg	5:44:35	6:01:27	
030L-2**.mpg	5:59:09	6:23:38	-
031A**.mpg	6:02:18	6:32:44	-
032L**.mpg	6:31:54	6:42:49	
033A**.mpg	6:40:23	7:29:12	-
034L**.mpg	7:28:20	7:47:06	
035A**.mpg	7:45:29	8:16:21	-
036L**.mpg	8:15:32	8:33:30	
037A**.mpg	8:31:52	9:05:39	-
038L**.mpg	9:04:48	9:30:26	
039A**.mpg	9:28:41	9:57:49	-

Cell Moving

Cell Moving

Cell Moving before Soret Drive

Movie File Name	Start Time (hh:mm:ss)	End Time (hh:mm:ss)
Soret-20151109160147.mpg	16:02:59	16:35:19

Homogenization

Movie File Name	Start Time (hh:mm:ss)	End Time (hh:mm:ss)
1**.mpg	10:24:56	10:51:47
2**.mpg	12:00:21	12:42:44
3**.mpg	12:48:43	13:08:43
4**.mpg	13:35:59	13:55:56
5**.mpg	14:21:56	14:41:55
6**.mpg	15:13:37	15:33:35
7**.mpg	16:02:59	16:22:57

Melting

Duration	
Homegenization(Temperature#1)	6:35:26
Temp. Control 1(Temperature#2)	7:25:00
Temp. Control 2(Temperature#3)	9:04:02

Commanding Time	
Cell Moving 1	16:20:34
Cell Moving 2	0:20:31
Cell Moving 3	9:29:34