

		Starting Time (UTC)	End time (UTC)	All remarks	
	COMM_1	10/7 13:14	10/07 14:06	All Ok MINIMUM SUCCESS :)	
	Blocks	Starting Time (UTC)	End time (UTC)	Individual Remarks	IDs
	Obs Mode 1 + 2.02	10/07 13:16	10/07 13:38	OBs counter (approx, +- 1): From 81 to 109 are complete.	D10-304-2739
Flats	1	10/07 13:39	10/07 13:50	Obs Counter: 115, 116, 117, 118, 119 . Julián says that we may have lost a few photons somewhere	D10-2740-4339
Flats	2.02	10/07 13:50	10/07 13:59	Obs Counter: 120, 121, 122, 123, 124	D10-4340-5619
	Darks	10/07 14:01	10/07 14:04	n/a	D10-5620-5719
		Starting Time (UTC)	End time (UTC)	All remarks	
	COMM_2	10/7/2024 16:25	10/07 16:39	All ok	
	Blocks	Starting Time (UTC)	End time (UTC)	Individual Remarks	IDs
	Pinholes	10/7 16:28	10/7 16:28	3 modes -> OCs 197, 198, 199	D10-6188-6193
	PD	10/7 16:34	10/7 16:34	First image has pinhole overwritten. Ocs: 200, 201, 202, 203	D10-6194-6513
		Starting Time (UTC)	End time (UTC)	All remarks	
	EMF_1	10/07 17:05	11/7 0:40	Stopped at 18:18 -> Sunspot lost. Restart at: 19:13. Jump in pointing around 20:35; stopped 21:10 -> Movement to DC for flatfield did not happen. Coma correction manually by Achim before Restart: 21:23 with Thumbnail Mg at AR; Stopped 23:28 for additional manual coma correction for CWS; go to FF position before restart 23:41 with final calib block	
	Blocks	Starting Time (UTC)	End time (UTC)	Individual Remarks	IDs
	Pref. Scan	10/7 17:09	10/7 17:11	Mg + 0.2 Ocs: 241, 242, 243, 244	D10-6562-6841
	Darks	10/07 17:14	10/07 17:16	-	D10-6844-6943
	PD	10/7 17:19	10/7 17:20	First image is a dark (overwritten) Ocs: 40	D10-6944-7263
	Straylight	10/7 17:20	10/7 17:21	OCs : 44	D10-7264-7343
	Linear Pol.	10/7 17:26	10/7 17:26	OCs: 45 - 47	D10-7344-7367
	Micro. Pols.	10/7 17:26	10/7 17:27	OCs: 48 - 50	D10-7368-7391
	Pinholes	10/7 17:27	10/7 17:27	OCs: 51 - 53	D10-7392-7397
Flats	1	10/07 17:27	10/07 17:43	Ocs : 54 -> 60	D10-7398-9637
Flats	2.02	10/07 17:43	10/7 17:55	OCs: 61 -> 67	D10-9638-11429
	Obs Mode 1 + 2.02	10/07 18:13	10/7 18:18	OCs: From 69 to 75. Stopped due to lost of sunspot	D10-11432-11949
	Obs Mode 1 + 2.02	10/07 19:14	10/07 21:06	OCs: From 124 to 38. First images of OM 124 are not stable.	D10-11998-23661
	Obs Mode 1 + 2.02	10/07 21:26	10/7 23:27	OCs: From 42 to 214	D10-23675-36096
	Darks	10/7 23:42	10/7 23:45	OCs 216 - 9	D10-36099-36198
	PD	10/7 23:47	10/7 23:48	OCs: 10, Strange thumbnail for Camera1, looks like a dark	D10-36199-36518
	Straylight	10/7 23:48	10/7 23:49	OCs: 14	D10-36519-36598
	Linear Pol.	10/7 23:54	10/7 23:55	OCs: 15 - 17	D10-36599-36622
	Micro. Pols.	10/7 23:55	10/7 23:55	OCs: 18 - 20	D10-36623-36646
	Pinholes	10/7 23:55	10/7 23:55	OCs: 22 - 23	D10-36647-36652

Flats	1	10/7 23:56	11/7 0:11	OCs: 24 -> 30	D10-36653-37236 ; D11-0-1655
Flats	2.02	11/7 0:12	11/7 0:24	OCs: 31 -> 37	D11-1656-3447
		Starting Time (UTC)	End time (UTC)	All remarks	
	SUNSPOT_4	11/7 2:20	11/7 2:34	Several errors 99 for Timeout reached by camera at 02:23, 02:25, 02:27, 02:30, 02:32, with the thumbnail before the Error is recieved looking blurred	
	Blocks	Starting Time (UTC)	End time (UTC)	Individual Remarks	IDs
	Obs Mode 1 + 2.02	11/7 2:22	11/7 2:34	OCs: 134 - 144. Several 99 and restarts in the middle of obs.	D11-3545-4272
		Starting Time (UTC)	End time (UTC)	All remarks	
	QSDC_1	11/7 2:43	11/07 11:52	Run Test for 71 at 03:39 to see whether the 99 error persists to appear --> Now runs w/o error (can be used as flat); Stop TL for fine pointing of SCIP and SUSI 03:51, restart: 03:57. Aborted at 5:51. Power cycle at 5:53, Restart and reset, then restart Obs 15 manually. Paused at 6:20 just before calibration block after QS2. Stopped TL for all and restart at 6:30 with the intermediate small calib block. Stop TL for re-pointing 6:50 and restart the TL at 6:51, directly interrupt upd.15 and re-start with the offset to the voltage at 6:53. Block QS8 run again with manual command 15 with obs Mode 1 with an etalon shift of -100V shift at 9:05. End went OK! Last two observation blocks NO C31:)	
	Blocks	Starting Time (UTC)	End time (UTC)	Individual Remarks	IDs
	Pref. Scan	11/7 2:46	11/7 2:49	OCs: 147-150	D11-4275-4554
	Darks	11/7 2:52	11/7 2:54	OCs: 151- 201	D11-4557-4656
	PD	11/7 2:57	11/7 2:58	OCs: 202	D11-4657-4976
	Straylight	11/7 2:58	11/7 2:59	OCs: 206 with Error 99	D11-4977-5050
	Linear Pol.	11/7 3:03	11/7 3:04	OCs: 207 - 209	D11-5051-5074
	Micro. Pols.	11/7 3:04	11/7/2024 3:04	OC: 210 - 212	D11-5075-5098
	Pinholes	11/7 3:05	11/7 3:05	OCs: 213,	D11-5099-5104
Flats	1	11/7 3:05	11/7 3:25	OCs: 216 - 222 ;Error 99 at 03:07, 03:11, 03:14, 03:20, 03: 25 (always at end of repetition with 4 images missing at = for last voltage of Obs1), no issue after the 6th, delayed end with respect to timeline.	D11-5105-7236
Flats	2.02	11/7 3:26	11/7 3:37	OCs: 223-229, delayed start of timeline as previous one took longer because of error 99	D11-7237-9028
	Obs Mode 1 + 2.02	11/7 3:58	11/07 5:51	OCs: 232 - ;Error 99 for last voltage of Obs1: 4:06, 4:09, 04:21, 4:23, 4:26, 4:29 --> Abort at 4:32, reset the cameras, go to 0V and wait for one minute -> Restart udp15 at 4:35, next error 99 directly for the first run (4:35), followed by 4:38, 4:40, 4:44, 4:48, 4:56, 4:58, 5:01, 5:29, 5:32,5:35, 5:38. ABORTED AT 5:51	D11-9351-18270
	Obs Mode 1 + 2.02	11/07 6:07	11/07 6:20	Restart udp 15 manually to rejoin the TL -5 repetitions run of which two have another 99 error at 6:11 and 6:15;	D11-18275-18986
	Obs Mode 1 + 2.02	11/07 6:53	11/07 8:54	CHANGED WAVELENGTHS. ETALON SHIFT -100V for Obs Mode 1. one 31 at the beginning OCs ~ from 18 to 184	D11-18997-30945
	Obs Mode 1 + 2.02	11/07 9:05	11/07 10:52	Etalon Shift -100V for Obs Mode 1. OCs : from : 188 -> 78	D11-30968-41605
	Darks	11/07 10:55	11/07 10:57	OCs: ~ 82 -> 130 (approx)	D11-41608-41707
	PD	11/7 11:00	11/7 11:00	OCs : 131 -> 134	D11-41708-42027
	Straylight	11/7 11:01	11/7 11:02	OC : 135	D11-42028-42107
	Linear Pol.	11/7 11:06	11/07/2024 11:07		D11-42108-42131
	Micro. Pols.	11/7 11:07	11/7 11:07		D11-42132-42135
	Pinholes	11/7 11:08	11/7 11:08	OC: 142	D11-42156-42161
Flats	1	11/07 11:08	11/07 11:24	ETALON OFFSET -100V OCs: 146 -> 152	D11-42170-44409
Flats	2.02	11/07 11:24	11/07 11:36	OCs: 153 -> 159	D11-44410-46201

Flats	1	11/07 11:38	11/07 11:44	Another command sent manually for ObsMode1 with etalon offset -100V. OCs: 160, 161, 162	D11-46203-47161
		Starting Time (UTC)	End time (UTC)	All remarks	
	FS_1	11/07 12:41	12/07 0:46	Run through	
	Blocks	Starting Time (UTC)	End time (UTC)	Individual Remarks	IDs
	Darks	11/07 12:46	11/07 12:49:00	OCs: 12 - 60	D11-47517-47616
	PD	11/7 12:51	11/7 12:51	OC, 61, 62, 63, 64. Some thumbnails show darks.	D11-47617-47936
	Linear Pol.	11/7 12:53	12:53	OC: 65	D11-47937-47960
	Micro. Pols.	11/7 12:54	11/7 12:54		D11-47961-47984
	Pinholes	11/7 12:54	11/7 12:55	OCs: 72	D11-47985-47990
Flats	0p	11/07 12:55	11/07 13:32	OCs: 74 - 87	D11-47991-53366
Flats	2.02	11/07 13:41	11/07 13:59	Oc: 88 - 98	D11-53367-56182
Flats	1	11/07 14:05	11/07 14:35	OCs: 99 - 112	D11-56183-60662
	Pref. Scan	11/7 14:46	11/7 14:47	Line 525,02 - OCs: 114	D11-60665-60698
	Obs Mode 2.02	11/7 15:18	11/07 22:19:00	OCs: 137 - 223; Missed lock point 16:11 - 16:16 and 20:36 - 20:48 (seems even the curtain closed)	D11-60894-115613
	Darks	11/07 22:22	11/07 22:24	OCs: 227 - 14	D11-115680-115779
	PD	11/07 22:27	11/07 22:28	First image is a dark. OCs: 21	D11-115780-116099
	Linear Pol.	11/07 22:30	11/07 22:30	OCs: 25	D11-116100-116123
Flats	2.02	11/07 22:54	11/07 23:13	long, OCs: 28 - 38	D11-116124-116139
	Micro. Pols.	11/07 23:32	11/07 23:33	OCs: 39	D11-118940-118963
Flats	1	11/07 23:34	11/07 23:50	Another command sent manually for ObsMode1 with etalon offset -100V to have an extra one (free gap in TL before pinhole in FS) OCs: 42 - 48	D11-118964-121203
Flats	1	11/07 23:51	12/07 0:06	Another command sent manually for ObsMode1 with etalon offset -100V to have an extra one (free gap in TL before pinhole in FS) OCs: 49 - 55	D11-121204-122535; D12-0-907
	Pinholes	12/07 0:14	12/07 0:14	OCs: 56 - 58	D12-908-913
Flats	0p	12/07/ 00:16	12/07 0:29	Commendad manually to fill the long gap in the calibration of the FS TL; OCs: 59 - 63	D12-914-2833
	Pref. Scan	12/07 0:35	12/07 0:38	Mg + 0.2 OCs: 64 - 67	D12-2834-3113
		Starting Time (UTC)	End time (UTC)	All remarks	
	AR_1	12/07 1:30	12/07 2:24	Stopped 01:36 (SUSI problem) - restart 01:41. Aborted at 2:24 before observation block.	
	Blocks	Starting Time (UTC)	End time (UTC)	Individual Remarks	IDs
	Pref. Scan	12/07 1:33	12/07 1:35	Mg + 0.2 OCs: 103 - 106	D12-3150-3429
	Darks	12/07 1:43	12/07 1:45	OCs: 108 - 157	D12-3432-3531
	PD	12/07 1:48	12/07 1:49	OCs: 158-161	D12-3532-3853
	Straylight	12/07 1:49	12/07 1:50	OCs: 162	D12-3852-3931
	Linear Pol.	12/07 1:55	12/07 1:55	OCs: 163-165	D12-3932-3955
	Micro. Pols.	12/07 1:55	12/07 1:55	OCs: 166-168	D12-3956-3979
	Pinholes	12/07 1:56	12/07 1:56	Ocs: 169-171.	D12-3980-3985

Flats	1	12/07 1:57	12/07 2:11	OCs: from 172 - 178; Interrupted as curtain was closed at 02:00, interruption of TL at 02:10, Thumbnail OCs 177 at 01:59 is already dark -- the first repetition could be fine, from the second one it should be "dark" thumbnails keep coming in, but from OCs 173 - 178 thumbnails are dark, from 02:11 then abort due to missing HK. Should take out image 4476 (pinhole)	D12-3986-6225
Flats	2.02	12/07 2:12	12/07 2:20	OC:179-183. thumbnails are dark, from 02:11 then abort due to missing HK.	D12-6226-7421
		Starting Time (UTC)	End time (UTC)	All remarks	
	AR_1	12/07 2:50	12/07 3:28	Abort after flat field (3:38) because batteries are not charging and power drops quickly	
	Blocks	Starting Time (UTC)	End time (UTC)	Individual Remarks	IDs
	Pref. Scan	12/07 2:53	12/07 2:56	Mg + 0.2 - OCs: 15 - 18	D12-7438-7717
	Darks	12/07 2:59	12/07 3:01	OCs: 20 - 64	D12-7720-7819
	PD	12/07 3:04	12/07 3:05	First image is a dark. OCs: 70	D12-7820-8139
	Straylight	12/07 3:05	12/07 3:06	OCs: 74	D12-8140-8219
	Linear Pol.	12/07 3:11	12/07 3:11	OCs: 75 - 77	D12-8220-8243
	Micro. Pols.	12/07 3:11	12/07 3:11	OCs: 78	D12-8244-8267
	Pinholes	12/07 3:12	12/07 3:12	OCs:81 - 83	D12-8268-8273
	1	12/07 3:12	12/07 3:27	OCs: 84 - 90	D12-8274-10513
		Starting Time (UTC)	End time (UTC)	All remarks	
	AR_1	12/07 7:02	12/07 15:46	Restarted after power hiccup. Things may be a little cold. Optical quality may be variable. Looooooong stop after first calibration block due to pointing issues. An additional PD set was run before first observing block and after pointing. After first observation block loooooooooong stop again to fix some CWS bug. Last PD run by hand at the end because a jump was made in the timeline skipping the pd block. Probably bad data	
	Blocks	Starting Time (UTC)	End time (UTC)	Individual Remarks	IDs
	Pref. Scan	12/7 7:05	12/7 7:09	Mg + 0.2 - OCs: 44, 45, 46, 47	D12-12713-12994
	Darks	12/07/2024 7:11	12/07 7:13	OCs: 49 - 98	D12-12995-13094
	PD	12/7 7:16	12/7 7:16	OCs: 99, 100, 101, 102	D12-13095-13414
	Straylight	12/7 7:17	12/7 7:17	OCs: 103. ERROR 99	D12-13415-13488
	Linear Pol.	12/7 7:22	12/7 7:23	OC: 104, 105, 106	D12-13489-13512
	Micro. Pols.	12/7 7:23	12/7 7:23	OCs: 107 - 109	D12-13513-13536
	Pinholes	12/7 7:23	12/7 7:24	OC: 110	D12-13537-13542
Flats	1	12/07 7:25	12/07 7:39	OCs: 113 - 119	D12-13543-15782
Flats	2.02	12/7 7:40	12/07 7:51	OCs: 120 - 126	D12-15783-17574
Flats	3.02	12/07 7:58	12/07 8:00	OCs: 127 - 129	D12-17575-17814
	PD	12/7 9:23	12/7 9:23	OCs 171, 172. 173, 174. Repeated after pointing because they changed focus between cal and observation.	D12-18113-18432
	Obs Mode 1 + 2.02	12/07 9:27	12/07 11:18	OCs: 176 - 78 Images may be defocused in some series. SUSI also reports variations in optical quality. CWS had a bug where the lock point might change during observation, the frequency of this changes is unknow. Some images may show a shift of the FoV but should be sharp.	D12-18435-29810
	Obs Mode 1 + 2.02	12/07 12:36	12/07 14:37	OCs 125 - 37 From 13:28 to 13:45 Autolock failed and images started appearing blurred. Lost again around 14:00 to 14:06. Pointing lost again from 14:25 to 14:30. Changes in FOV frequent	D12-29885-42056
	Darks	12/07 14:39	12/07 14:42	OCs: 39 - 88	D12-42059-42158
	Linear Pol.	12/7 14:52	12/7 14:52	OC: 89 - 91	D12-42159-42182

	Micro. Pols.	12/7 14:52	12/7 14:53	OCs : 91 - 94	D12-42183-42206
	Pinholes	12/7 14:52	12/7 14:53	OCs : 95 - 97	D12-42207-42212
Flats	1	12/07 14:53	12/07 15:08	OCs: 98 - 104	D12-42213-44452
Flats	2.02	12/07 15:10	12/07 15:26	OCs: 105 - 113. Some flat-fields are taken with the telescope OUT of flat-field modes.	D12-44453-46860
Flats	1	12/07 15:27	12/07 15:31	OCs: 115-116	D12-46861-47442
	PD	12/7 15:44	12/7 15:44	OCs: 118, 119, 120, 121. This is the first PD with less images -> 32 per cam.	D12-47445-47700
		Starting Time (UTC)	End time (UTC)	All remarks	IDs
	CALPD Timeline	12/7 15:54	12/07/2024 15:54	Mirror did not work. OCs: 123 - 154	D12-47703-47766
	CALPD Timeline	12/7 16:28	12/7 16:29	OCs: 173 - 205.	D12-47787-47852
	CALPD Timeline	12/7 16:34	12/7 16:35	OCs: 209 - 244. Maybe first 2 images do not belong to timeline. hours unclear.	D12-47852-47928
		Starting Time (UTC)	End time (UTC)	All remarks	IDs
	PD	12/7 17:58	12/7 17:58	PD huérfano (no sé porque se tomó) OCs: 11-14	D12-48877-49132
		Starting Time (UTC)	End time (UTC)	All remarks	
	QSDC_HC	12/7 18:26	12/07 19:49	Run in quiet sun. First multiwavelength at 6 acc next one at 3 acc. Everything run with 200 V offset.	
	Blocks	Starting Time (UTC)	End time (UTC)	Individual Remarks	IDs
	Pref. Scan	12/7 18:26	12/7 18:27	Manual - pref scans (525.02) pre HC comm to check the line. OC: 59	D12-49215-49248
	Pref. Scan	12/7 18:29	12/7 18:30	Manual pref Cal pre HC (525.02) Previous was ugly so rerun it and OK. Oc: 60	D12-49249-49282
	Pref. Scan	12/7 18:38	12/07/2024 18:41	0.6 + 0.2 - OCs: 61, 62, 63, 64	D12-49283-49554
	Darks	12/7 18:44	12/07 18:46	OCs: 66-115	D12-49557-49656
	PD	12/7 18:49	12/7 18:50	OCs: 116, 117, 117, 118.	D12-49657-49912
	Straylight	12/7 18:50	12/7 18:50	Oc: 120	D12-49913-49992
	Linear Pol.	12/7 18:56	12/7 18:56	Longitudinal of 0,2 and 0,6 -> Less images!!! OCs: 121, 122	D12-49993-50000
	Micro. Pols.	12/7 18:56	12/07/2024 18:57	Ocs: 123 - 125	D12-50001-50024
	Pinholes	12/7 18:57	12/7 18:57	Ocs: 126	D12-50025-50030
Flats	3.02	12/07/2024 19:00	12/7 19:14	(Theres one ff obs before that got 99 error) Starting at: 19:00. Telescope seems out of FF mode in some cases. ETALON OFFSET +200V OC: from 131 - 149	D12-50091-51610
	3.02	12/07 19:17	12/7 19:26	High Cadence Obs. Acc set to 6. Run manually command 25 with 200V offset. Oc: 153-230	D12-51633-53187
	HC_snapshot	12/07 19:28	12/07 19:37	High cadence snapshot mode. With 200V. OC: 231-49	D12-53188-54359
	3.02	12/07 19:39	12/07 19:48	High cadence obs. Acc set to 3. Run manually comm 25 with 200V offset. OCs: 51 - 144	D12-54360-46229
		Starting Time (UTC)	End time (UTC)	All remarks	
	QSDC_HC	12/07 20:05	12/07 21:32	Run in a sunspot; pause TL 20:46 for pointing - restart 20:57	
	Blocks	Starting Time (UTC)	End time (UTC)	Individual Remarks	IDs
	Pref. Scan	12/7 20:09	12/7 20:11	NOT AUTOLOCK. 0.6 + 0.2 - Ocs: 198, 199, 200, 201	D12-56283-56554
	Darks	12/07 20:15	12/07 20:17	OCs: 203 - 252	D12-56557-56656

	PD	12/7 20:20	12/7 20:20	OCs : 253, 254, 255, 0	D12-56657-56912
	Straylight	12/7 20:21	12/7 20:22	OCs: 1	D12-56913-56992
	Linear Pol.	12/7 20:27	12/7 20:27	Longitudinal 0.2 + 0.6 OCs: 2 - 3	D12-56993-57000
	Micro. Pols.	12/7 20:27	12/7 20:27	OCs: 4-6	D12-57001-57024
	Pinholes	12/7 20:28	12/7 20:28	Oc:7	D12-57025-57030
Flats	3.02	12/07 20:29	12/07 20:41	(Etalon offset 200V) OCs 11- 25; 3 times flat mode in total	D12-57075-58274
	3.02	12/07 20:58	12/07 21:08	High Cadence Obs. Acc set to 6. Run manually command 25 with 200V offset. OCs: 49 - 124	D12-58352-59859
	HC_snapshot	12/07 21:12	12/07 21:19	High cadence snapshot mode. With 200V. OCs: 125 - 26	D12-59860-60687
	3.02	12/07 21:20	12/07 21:30	High Cadence Obs. Acc set to 6. Run manually command 25 with 200V offset. OCs: 28 - 106	D12-60688-62249
		Starting Time (UTC)	End time (UTC)	All remarks	
	SUNSPOT_1	12/07 21:54	12/07 22:11	Abort at 22:11 as CWS has lost lock point for PD	
	Blocks	Starting Time (UTC)	End time (UTC)	Individual Remarks	IDs
	Pref. Scan	12/07 21:57	12/07 22:00	Mg + 0.6 - OCs: 109 - 112	D12-62252-62523
	Darks	12/07 22:03	12/07 22:06	OCs: 114-163	D12-62526-62625
	PD	12/07 22:08	12/07 22:09	OCs: 164, failed, as CWS had not been locked	D12-62626-62881
	Straylight	12/07 22:09	12/07 22:11	OCs: 168	D12-62882-62961
		Starting Time (UTC)	End time (UTC)	All remarks	
	SUNSPOT_1	12/07 22:33	13/07/2024 8:45	Pause TL for fine-pointing to sunspot at 23:39, restart at: 00:58; interrupt TL again shortly at 01:02 with restart at 01:09. CWLS lost in the middle of obs block. Paused at 6:58 to repoint	
	Blocks	Starting Time (UTC)	End time (UTC)	Individual Remarks	IDs
	Pref. Scan	12/07 22:36	12/07 22:38	Mg + 0.6 - OCs 185 - 188	D12-62978-63249
	Darks	12/07 22:42	12/07 22:44	OCs: 189 - 239	D12-63252-63349
	PD	12/07 22:47	12/07 22:47	OCs: 240-243	D12-63352-63607
	Straylight	12/07 22:48	12/07 22:48	Straylight target does not appear in first images. OCs: 244.	D12-63608-63687
	Linear Pol.	12/07 22:53	12/07 22:54	OCs: 245-247	D12-63688-63711
	Micro. Pols.	12/07 22:54	12/07 22:54	OCs: 248 - 250	D12-63712-63735
	Pinholes	12/07 22:54	12/07 22:55	OCs: 251 - 253	D12-63736-63741
Flats	0s	12/07 22:55	12/07 22:59	OCs: 254 - 255.	D12-63742-64221
Flats	1	12/07 23:00	12/07 23:11	OCs: 3 - 7	D12-64222-65821
Flats	2.06	12/07 23:11	12/07 23:20	OCs: 8 - 12	D12-65822-67101
Flats	3.02	12/07 23:21	12/07 23:24	OCs: 13 - 17	D12-67102-67501
Flats	3.02	12/07 23:26	12/07 23:29	With offset for HC TL, +200V Etalon OCs: 18 - 22	D12-67502-67901
	Obs 1 + 2.06	13/07 0:59	13/07 1:02	OCs: 184 - 192, changed thumbnail cadence in between	D13-184-803
	Obs 1 + 2.06	13/07 1:09	13/07 3:22	OCs: 195 - 224, 2 - 136 ; 01:19 Loss of lock point because of drop of ballast (OCs 211); Loss of reciving thumbnails leads to abort at 01:53, S/W reset and rejoin observations at 01:59; data affected by seeing	D13-868-12833

	Obs 0s + 3.02	13/07 3:59	13/07 6:02	OCs: 196 - 204, Error 99 at 04:00, 04:02, 04:04, 04:06, 04:08 --> Abort 04:08, switch off + reset, restat manually upd 17 at 04:12 - Error 99 keeps appearing 04:13, 04:14, 04:16, then seems to dissolve itself. While we were resetting they changed the lock point. First image index provided at 4:17 OC 211. OCs: 211 - 11 Loss of lock point at 04:40 OCs: 14 - 27 until 04:64 then continued with slightly different lock point: OCs: 30 - 111, Loss of lock-point 05:18 OCs:113 - 120, Locked again 05:22 OCs: 122	D13-13236-19188
	Obs 0s + 3.02	13/07 6:26	13/07 7:46	CWS lost at 6:55 OCs: 246 - 65 (Last good OC.) E99 at 7:04 From 65 - 89 Bad. From 92 - 96 good . E99 at 7:09. From OC: 100 - 114. Pointing lost (again...) at 7:18 and recovered at 7:25. New 99 just after pointing (suspicious). Until OC 188	D13-19213-23536
	Darks	13/07 7:48	12/07 7:50	OCs: 189 - 238	D13-23539-23638
	PD	13/07 7:53	13/07 7:53	FG reset before and after. OCs 239, 240, 241, 242	D13-23639-23894
	Straylight	13/07 7:54	13/7 7:55	OC:243	D13-23895-23974
	Linear Pol.	13/7 8:00	13/7 8:00	Longitudinal. 0.2 + 0.6 OCs: 244 - 245	D13-23975-23982
	Micro. Pols.	13/07/2024 8:00	13/7 8:01	OC: 246	D13-23983-24006
	Pinholes	13/07 8:01	13/7 8:01	OCs: 250.	D13-24007-24012
Flats	0s	13/07 8:02	13/07/2024 8:05	OCs: 252 - 0	D13-24013-24492
Flats	1	13/07 8:07	13/07 8:17	OCs: 1 - 5	D13-24493-26092
Flats	2.06	13/07 8:18	13/07/2024 8:26	OCs: 6 - 10	D13-26093-27372
Flats	3.02	13/07 8:27	13/07 8:30	OCs: 11 - 15	D13-27373-27772
Flats	2.06	13/07 8:31	13/07 8:38	OCs: 16 - 19 Maybe 19 is not on flat-field mode.	D13-27773-28796
		Starting Time (UTC)	End time (UTC)	All remarks	
	FS_1	13/07/2024 9:13	13/07 15:10	This time in an active region. 2.02 line changed to combination of 1 + 2.06 lines. . Obs block was stopped midway. The calibration block after observation is different from the one on the timeline. We ran CALL_1 instead at 14:37 to shorten the block	
	Blocks	Starting Time (UTC)	End time (UTC)	Individual Remarks	IDs
	Darks	13/07 9:18	13/7 9:21	OCs: 33 - 82	D13-28929-29028
	PD	13/7 9:23	13/7 9:24	Automatic without FG reset (first image is dark). OC: 83 - 90. Something went wrong here. Last images are dark. With something blocking a part of the FoV, most likely straylight target.	D13-29029-29540
	Linear Pol.	13/7 9:25	13/7 9:25	OCs: 91 - 93	D13-29541-29564
	Micro. Pols.	13/7 9:25	13/7 9:25	OCs: 94	D13-29565-29588
	Pinholes	13/7 9:26	13/7 9:26	OC: 98	D13-29589-29594
Flats	2.06	13/07 9:28	13/07 10:05	OCs : 101 - 114 (gap of 5 min) & 115 - 119	D13-29696-34559
Flats	2.02	13/07 10:12	13/07 10:30	OCs: 120-130	D13-34560-37375
Flats	1	13/7 10:37	13/07 11:07	OCs: 131 - 144	D13-37376-41855
Flats	1	13/07 11:08	13/07 11:12	-100V offset. OCs: 145 - 146	D13-41856-42495
	Pref. Scan	13/7 11:18	13/7 11:21	Prefilters Mg and 06. OCs: 148 - 151	D13-42626-42897
	Pref. Scan	13/7 11:25	13/07/2024 11:28	Mg + 0.2 - OCs : 152 - 155	D13-42898-43169
	PD	13/7 11:42	13/7 11:42	Mg + 0.6 - OCs: 202, 203, 204, 205	D13-43241-43496
	Obs 1 + 2.06	13/07 11:44	13/07 14:33	FLAAARE! Launched manually during FS_1instead of 2,02 line. OCs: 205 - 63. Reaally good data set. Autolock lost at 12:56 - OC: 66. From 13:04 Good. -> Oc : 81 - 159. Lost tracking from 13:53 (OC: 160) to 14:13 (OC 193). Another flare in 14:19 (OM 203) Autolock Lost on 14:26 (214). Recovered in 14:28 (OC : 217).	D13-43497-63374
	PD	13/7 14:33	13/7 14:34	Mg + 0.6 - OCs: 226, 227, 228, 229.	D13-63375-63630
	Darks	13/07 14:39	13/07 14:41	OCs: 231 - 24.	D13-63633-63732
	PD	13/7 14:44	13/7 14:45	AUTOLOCK LOST Somewhere. Mg + 0.2 - OCs: 25, 26, 27, 28.	D13-63733-63988

	Straylight	13/07/2024 14:45	13/7 14:46	OC: 29	D13-63989-64068
	Linear Pol.	13/07 14:51	13/7 14:51	OC: 30, 31, 32.	D13-64069-64092
	Micro. Pols.	13/7 14:51	13/7 14:51	OCs: 33, 34, 35.	D13-64093-64116
	Pinholes	13/7 14:52	13/7 14:52	Where's the OC: 36 ? OC: 37 - 38.	D13-64117-64122
Flats	2.02	13/07 14:53	13/07 15:01	OCs: 39, 43	D13-64123-65402
Flats	0s	13/07 15:02	13/07 15:08	OCs: 44 - 50	D13-65403-66075
		Starting Time (UTC)	End time (UTC)	All remarks	
	Flares_1	13/07 15:19	13/07 15:42	NO CAL BLOCK.	
	Blocks	Starting Time (UTC)	End time (UTC)	Individual Remarks	IDs
	Obs 0p + 2.02	13/07 15:19	13/07/2024 15:42	OC: 81 - 107. Last images lost autofocus.	D13-66105-68456
		Starting Time (UTC)	End time (UTC)	All remarks	
	CLV_1	13/07/2024 15:49	13/07 19:30	Stopped for finepointing after calibration at 16:57 (loooooooooooooooooong). Restarted obs at: 17:43 . Timeline was stopped before CALS.	
	Blocks	Starting Time (UTC)	End time (UTC)	Individual Remarks	IDs
	Pref. Scan	13/7 15:52	13/7 15:55	Mg + 0.2 - OC: 125, 126, 127, 128	D13-68473-68752
	Darks	13/07 15:58	13/07 16:01	OCs: 130 - 179	D13-68755-68854
	PD	13/7 16:03	13/7 16:04	Mg + 0.2 - OC: 180, 181, 182, 183	D13-68855-69110
	Straylight	13/7 16:04	13/7 16:05	OCs: 184	D13-69111-69190
	Linear Pol.	13/7 16:10	13/7 16:10	OCs: 185-187	D13-69191-69215
	Micro. Pols.	13/07/2024 16:10	13/7 16:11	OCs:188	D13-69215-69239
	Pinholes	13/07/2024 16:11	13/7 16:11	OCs : 192	D13-69239-69244
Flats	0p	13/07 16:12	13/07 16:25	OCs: 194 - 198	D13-69245-71164
Flats	1	13/07 16:25	13/07 16:36	OCs: 199 - 203	D13-71165-72764
Flats	2.02	13/07 16:37	13/07 16:46	OCs: 204 - 208	D13-72765-74044
	Pref. Scan	13/7 17:31	13/7 17:31	To check line center 517 . -2450 V Cnter Mg. OC: 39	D13-74137-74170
	Obs Mode 1 + 2.02	13/07 17:34	13/07 19:22	OC: 40 Lost tracking again just in the beggining.Recovered 17:43. OC:53 - 195.	D13-74171-85402
		Starting Time (UTC)	End time (UTC)	All remarks	
	POLE_1	13/07 20:00	14/07 0:19	Stopped for fine pointing after calibration. 517 line was scanned at the limb and we measured the spectral line at ~2400V. Measurements in the Observation block with OBS Mode 4 will be shifted accordingly. Looooooooong autolock process, Timeline aborted after CALS_1 - should be a nice dataset with most of the time stable pointing	
	Blocks	Starting Time (UTC)	End time (UTC)	Individual Remarks	IDs
	PD	13/7 20:15	13/7 20:15	In theory, there are darks and prefilter scan before this but i could not find them. OCs: 9 , 10, 11, 12	D13-85423-85678
	Straylight	13/7 20:16	13/7 20:17	OC: 13. No straylight target for first images	D13-85679-85758
	Linear Pol.	13/7 20:22	13/7 20:22	OC: 14 - 16	D13-85759-85782
	Micro. Pols.	13/7 20:22	13/7 20:23	OCs: 17 -	D13-85783-85806
	Pinholes	13/7 20:23	13/7 20:23	OM : 21	D13-85807-85812

Flats	1	13/07 20:24	13/07 20:38	OCs: 23 - 29	D13-85813-88054
Flats	2.02	13/07 20:40	13/07 20:52	OCs: 30 - 35	D13-88053-89844
	PD_Flats	13/07 20:59	13/7 21:01	PD flats are a 20 repetition of snapshots of 16 acc of PD +F4 for the three lines. .OC: 72 -131.	D13-89913-90032
	Pref. Scan	13/7 22:06	13/7 22:07	Scan found at the limb. OC 222	D13-90157-90190
	4	13/07/2024 22:14	13/07/2024 23:10	Shifted -150 V to adjust to Mg core. -- OCs: 225 - 23. This should use shifted Obs 1 flat-fields. (same wavelengths plus additional)	D13-90221-103308
	Obs Mode 1 + 2.02	13/07/2024 23:12	14/07/2024 0:10	Shifted -150 V to adjust to Mg core. -- OCs: 25 - 43, 45 - Error 99 at 23:13, loss of lock point 23:27, OCs: 44 - 101	D13-103373-107868 ; D14-0-1029
		Starting Time (UTC)	End time (UTC)	All remarks	
	SUNSPOT_4	14/07 0:29	14/07 0:58	Disastrous timeline. Stop TL because of 0:34, restart TL and pause at Ping until we have fixed the fine pointing, restart from there, abort again 0:40, restart at same position in TL 00:45	
	Blocks	Starting Time (UTC)	End time (UTC)	Individual Remarks	IDs
	Obs Mode 1 + 2.02	14/07 0:32	14/07 0:34	OCs: 149 - 152, Error: 00:33, Stop TL 00:34. No auolock for some images.	D14-1078-1307
	Obs Mode 1 + 2.02	14/07 0:45	14/07 0:47	OCs: 169 - ? ; Maybe a jump in the pointing, no thumbnails in the end, in SCIP a jump could be seen, but not in SUSI and CWS	D14-1426-1643
	PD_Flats	14/07 0:59	14/07 1:02	Do not belong to original timeline. PD flats are a 20 repetition of snapshots of 16 acc of PD +F4 for the three lines. OCs: 186 - 49	D14-1644-1883
Flats	1	14/07 1:04	14/07 1:15	Do not belong to original timeline. OCs: 50 - 54, Flat field for mode 1 with adapted voltage: Offset of -150 V for Polar observation	D14-1884-3483
		Starting Time (UTC)	End time (UTC)	All remarks	
	AR_3	14/07 1:16	14/07 5:04	Run through without mayor issues, although data quality might not be good due to heavy seeing while passing solar minimum	
	Blocks	Starting Time (UTC)	End time (UTC)	Individual Remarks	IDs
	Pref. Scan	14/07 1:19	14/07 1:22	Mg + 0.2 - OCs: 55 - 58	D14-3484-3763
	Darks	14/07 1:25	14/07 1:28	OCs: 60 - 105	D14-3766-3865
	PD	14/07 1:30	14/07 1:31	OCs: 110	D14-3866-4121
	Straylight	14/07 1:31	14/07 1:32	0.2 + Mg - OCs: 114	D14-4122-4201
	Linear Pol.	14/07 1:37	14/07 1:37	OCs: 115 - 117	D14-4202-4225
	Micro. Pols.	14/07 1:37	14/07 1:38	OCs 118	D14-4226-4249
	Pinholes	14/07 1:38	14/07 1:38	OCs: 121	D14-4250-4255
Flats	0s	14/07 1:38	14/07 1:43	OCs: 124 - 128	D14-4256-4735
Flats	2.02	14/07 1:44	14/07 1:52	OCs: 129 - 133	D14-4736-6015
	Obs 0s + 2.02	14/07 2:25	14/07 4:31	OCs: 207 - 212, Error 99 at 02:26, Loss of pointing 02:29 OCs: 213 - 227, Pointing back: 02:36 OCs: 228 - 131, Lock point lost several times in between 04:04 until end with OCs: 134 - 179 and an error 99 at 04:09, 04:19, 4:30, very heavy seeing during the phase of local midnight	D14-6090-16159
	Darks	14/07 4:33	14/07 4:36	OCs: 182 - 231	D14-16162-16261
	PD	14/07 4:38	14/07 4:39	OCs: 234	D14-16264-16519
	Straylight	14/07 4:40	14/07 4:41	Mg + 0.2 - OCs: 238	D14-16520-16599
	Linear Pol.	14/07 4:45	14/07 4:46	OCs: 239 - 241	D14-16600-16623
	Micro. Pols.	14/07 4:46	14/07 4:46	OCs: 242 - 244	D14-16624-16647

	Pinholes	14/07 4:46	14/07 4:47	OCs: 245 - 247	D14-16648-16653
Flats	0s	14/07 4:47	14/07 4:51	OCs: 248 - 252	D14-16654-17133
Flats	2.02	14/07 4:52	14/07 5:01	OCs: 253 - 1	D14-17134-18413
		Starting Time (UTC)	End time (UTC)	All remarks	
	CALL_3	14/07 5:07	14/07 6:33	PDs and PD flats with random dots. All manual.	
	Blocks	Starting Time (UTC)	End time (UTC)	Individual Remarks	IDs
	Darks	14/07 5:10	14/07 5:13	OCs: 3 - 52	D14-18416-18515
	PD	14/07 5:40	14/07 5:41	RND dot pattern OCs: 95 - 98	D14-18580-18899
	PD	14/07 5:44	14/07 5:44	RND Dot Mosaic OCs: 99 - 102	D14-18900-19219
	PD_Flats	14/07 5:45	14/07 5:49	OCs: 103 - 222	D14-19220-19459
	Straylight	14/07 5:51	14/07 5:51	Mg + 0.2 - OCs: 223	D14-19460-19539
	PD	14/07 5:58	14/07 5:58	Mg + 06 - OCS: 225 - 228	D14-19542-19861
	PD	14/07 6:01	14/07 6:01	Mg + 06 - RND Dot Pattern OCs: 229-232	D14-19862-20181
	PD	14/07 6:02	14/07 6:03	Mg + 0.2 - OCs: 233 - 236	D14-20182-20501
	PD	14/07 6:05	14/07 6:06	0.2 + 0.6 Target lost in the middle. - OCs: 237 - 240	D14-20502-20821
	PD_Flats	14/07 6:07	14/07 6:10	OCs: 241 - 101	D14-20822-21061
	PD	14/07 6:21	14/07 6:21	Mg + 0.2 - RND Dot Pattern - OCs: 106 - 109	D14-21062-21381
Flats	1	14/07 6:27	14/07 6:31	Flat field for mode 1 with adapted voltage: Offset of -150 V for Polar observation,First images with a RND dot pattern OCs: 110 - 111, aborted after two	D14-21382-22031
		Starting Time (UTC)	End time (UTC)	All remarks	
	Extra!	14/07 8:24	14/07 9:01	Only Obs 1 at limb with slit jaws paralell to limb. Only observation block.	
	Blocks	Starting Time (UTC)	End time (UTC)	Individual Remarks	IDs
	Obs 1	14/07 8:24	14/07 9:01	Manually run Obs 1 in the limb. No timeline assigned. First two OM E99 (Om 207, 208) Good from: OCs: 209 - 213. Lost autolock at 8:31 (OC: 214). Immediately autolock again -> Good From 8:32 ; OC : 215 - 248. Pointing lost at 8:56 (Oc 249)	D14-22126-26075
		Starting Time (UTC)	End time (UTC)	All remarks	
	CLV_1	14/07 9:10	14/07 12:46	Short version of the timeline, stopped after first short calibration. Software reset before obs (10:08) to restore thumbnails generation reset OB heater set point to 15 and cams to 15. Stopped for pointing from 10:08 to 10:49	
	Blocks	Starting Time (UTC)	End time (UTC)	Individual Remarks	IDs
	Pref. Scan	14/07 9:13	14/7 9:16	Mg + 0.2 - Ocs: 5 - 8	D14-26080-26359
	Darks	14/07 9:19	14/7 9:23	OC: 10-59	D14-26362-26461
	PD	14/7 9:24	14/7 9:25	Mg + 0.2 - OCs: 60 - 63	D14-26462-26717
	Straylight	14/07/ 9:25	14/7 9:26	First images no straylight target Oc : 64	D14-26718-26797
	Linear Pol.	14/7 9:31	14/7 9:31	OCs: 69 - 71	D14-26806-26829
	Micro. Pols.	14/7 9:31	14/7 9:32	Ocs: 72 - 74	D14-26830-26853
	Pinholes	14/7 9:32	14/7 9:32	OCs: 75 - 77	D14-26854-26859

Flats	0p	14/07 9:32	14/7 9:46	OCs: 78 - 82. 5 reps	D14-26860-28779
Flats	1	14/07 9:47	14/07 9:57	OCs: 83 - 87. 5 reps	D14-28780-30379
Flats	2.02	14/07 9:58	14/07 10:07	OCs: 88 - 92 - 5 reps	D14-30380-31659
	Obs Mode 1 + 2.02	14/07 10:49	14/07 12:37	First OM no Autolock. First OCs good: 89 - 240	D14-31829-42752
	Blocks	Starting Time (UTC)	End time (UTC)	Individual Remarks	IDs
	CALPD Timeline	14/7 12:51	14/7 12:53	OMs: 7 - 37	D14-42777-42838
		Starting Time (UTC)	End time (UTC)	All remarks	
	CALL_1	14/07 13:00	14/07 13:33	Run before shorten full scan timeline (FS_1)	
	Blocks	Starting Time (UTC)	End time (UTC)	Individual Remarks	IDs
	Darks	14/7 13:02	14/07 13:05	OCs: 49 - 98	D14-42851-42950
	PD	14/7 13:07	14/7 13:08	OMS: 99 - 102	D14-42951-43206
	Straylight	14/7 13:08	14/7 13:09	OCs: 103. Obs started before change of target.	D14-43207-43286
	Linear Pol.	14/7 13:14	14/7 13:14	Om: 104, 105, 106	D14-43287-43310
	Micro. Pols.	14/7 13:15	14/7 13:15		D14-43311-43334
	Pinholes	14/7 13:15	14/7 13:15	OCs: 112	D14-43335-43340
Flats	2.02	14/07 13:15	14/07 13:24	OCs: 113 - 119	D14-43341-44620
Flats	PD_Flats	14/07 13:25	14/07 13:28	OCs: 118-237	D14-44621-44860
Flats	4	14/07 13:30	14/07 13:32	Ocs: 238-242	D14-44861-45340
		Starting Time (UTC)	End time (UTC)	All remarks	
	FS_1	14/07 13:51	14/7 19:57	Started in the middle of the timeline. Obs mode had to be run manually because the timeline command was at the beginning of the obs block not at the point when the timeline has been re-started	
	Blocks	Starting Time (UTC)	End time (UTC)	Individual Remarks	IDs
	Obs 2.02	14/07 13:51	14/07 17:26	OCs: 47 - 230	D14-45403-73480
	Darks	14/07 17:30	14/07 17:32	OCs: 233 - 26	D14-73483-73582
	PD	14/7 17:35	14/7 17:35	OCs: 26 - 29	D14-73583-73838
	Linear Pol.	14/7 17:35	14/7 17:38	OM: 30, 31, 32	D14-73839-73862
	PD_Flats	14/7 17:40	14/07 17:43	OCs: 33 - 152	D14-73863-74102
Flats	2.06	14/07 17:45	14/07 17:54	OCs: 153 157	D14-74103-75382
Flats	2.02	14/07 18:02	14/07 18:20	OCs: 158 - 168	D14-75383-78198
Flats	1	14/07 18:23	14/7 18:33	Shifted -150Volts OCs: 169 - 173	D14-78199-79798
	Micro. Pols.	14/7 18:40	14/7 18:40	Oms: 174 - 176	D14-79799-79822
Flats	0p	14/07 18:48	14/07 19:24	OCs: 177 - 190	D14-79823-85198
	Pinholes	14/7 19:24	14/7 19:25	Oms : 191, 192, 193	D14-85199-85204
	PD_Flats	14/07 19:36	14/07 19:39	OCs: 194 - 57	D14-85205-85444
	Pref. Scan	14/7 19:43	14/7 19:46	Mg + 0.2 - Oms: 58, 59, 60, 61	D14-85445-85724
	PD	14/07 19:57	14/7 19:57	Mg + 0.2 - Oms: 63 - 66	D14-85727-86046

[illegible]

	Darks	15/07 3:59	15/07 4:02	OCs: 114 - 162	D15-14000-14099
	PD	15/07 4:04	15/07 4:05	Mg + 0.2 - OCs: 163	D15-14100-14355
	Straylight	15/07 4:06	15/07 4:07	OCs: 167	D15-14356-14435
	Linear Pol.	15/07 4:11	15/07 4:11	OCs: 168	D15-14436-14443
	Micro. Pols.	15/07 4:12	15/07 4:12		D15-14444-14467
	Pinholes	15/07 4:12	15/07 4:12	OCs: 174	D15-14468-14473
Flats	0s	15/07 4:13	15/07 4:17	OCs: 176 - 180	D15-14474-14953
Flats	3.02	15/07 4:18	1/07 4:21	OCs: 181 185	D15-14954-15353
Flats	3.02	15/07 4:24	15/07 4:27	OCs: 186 - 190	D15-15354-15753
		Starting Time (UTC)	End time (UTC)	All remarks	
	SUNSPOT_4	15/07 8:41	15/07 8:59	Filter wheels are cold after the night and we are close to the limb. We ran an additional prefilter scan to the timeline to measure prefilter's shift.	
	Blocks	Starting Time (UTC)	End time (UTC)	Individual Remarks	IDs
	Obs Mode 1 + 2.02	15/07 8:43	15/07 8:55	FWs are cold ~ 2°C colder than usual. OCs: 36 - 53	D15-15856-17111
	Pref. Scan	15/7 8:57	15/07/2024 8:59	Manually run after SP_4 because FW are cold. -Mg + 0.2 - OCs: 54 - 57	D15-17112-17384
		Starting Time (UTC)	End time (UTC)	All remarks	
	CALL_1	15/7 9:16	15/07 9:46	Calibration block before long obs timeline. FWs still cold.	
	Blocks	Starting Time (UTC)	End time (UTC)	Individual Remarks	IDs
	Darks	15/07 9:18	15/07 9:20	OCs: 59 -108	D15-17386-17485
	PD	15/7 9:23	15/7 9:23	Mg + 0.2 - OCs: 109 - 112	D15-17486-17741
	Straylight	15/7 9:24	15/7 9:25	Ocs 113	D15-17742-17821
	Linear Pol.	15/7 9:29	15/7 9:30	OCs: 114, 115, 116	D15-17822-17845
	Micro. Pols.	15/07/2024 9:30	15/7 9:30	OCs. 117, 11, 119	D15-17846-17869
	Pinholes	15/7 9:30	15/07/2024 9:30	OCs: 120, 121, 122?	D15-17870-17875
Flats	2.02	15/07 9:32	15/07 9:39	OCs: 123 - 127	D15-17876-19155
Flats	1	15/07 9:40	15/07 9:46	There is some solar structure in some flats. OCs: 128 - 130	D15-19156-20115
		Starting Time (UTC)	End time (UTC)	All remarks	
	LongObs	15/07 10:04	15/7 14:11	This timeline is manual. Started with prefilter scan followed by Obs block of 1+2.02 of 4h.	
	Blocks	Starting Time (UTC)	End time (UTC)	Individual Remarks	IDs
	Pref. Scan	15/7 10:04	15/07/2024 10:06	Mg + 0.2 - OCs: 204 - 207	D15-20380-20651
	Obs Mode 1 + 2.02	15/07 10:08	15/07 14:04	FWs start cold: HK 24.66. Battery seems to be discharging mid obs. (10:15). Some temps dropped e.g DPU, cover2. FWs still heating. OCs: 208 - 32.	D15-20652-44940
	Pref. Scan	15/7 14:05	15/7 14:07	Mg + 0.2 - OCs: 34 - 37	D15-44941-45212
	Deep modes	15/7 14:08	15/7 14:11	Mg. (Mode 0p - 5 Lambda rep) OCs: 38	D15-45213-45692

		Starting Time (UTC)	End time (UTC)	All remarks	
	CALL_1	15/07 14:13	15/07/2024 14:50	Calibration block after timelines. FWs still cold.	
	Blocks	Starting Time (UTC)	End time (UTC)	Individual Remarks	IDs
	Darks	15/07 14:15	15/07 14:17	OCs: 41 - 90	D15-45710-45809
	PD	15/7 14:20	15/7 14:21:00	Mg + 0.2 - OCs: 91 - 94	D15-45810-46065
	Straylight	15/7 14:22	15/07/2024 14:22	OCs: 95	D15-46066-46145
	Linear Pol.	15/7 14:27	15/7 14:27	Ocs : 96 - 98	D15-46146-46169
	Micro. Pols.	15/07/2024 14:28	15/07/2024 14:28	Ocs: 99 - 101	D15-46170-46193
	Pinholes	15/7 14:28	15/7 14:28	Oc 102	D15-46194-46199
Flats	2.02	15/07 14:29	15/07/2024 14:37	OCs: 105 - 109	D15-46200-47479
Flats	1	15/07 14:38	15/07 14:46	OC: 110 - 113. Last OC may be incomplete	D15-47480-48695
		Starting Time (UTC)	End time (UTC)	All remarks	
	AR_3	15/07 15:42	15/07 19:25	Started after battery hiccup V2. Things might be heating mid-timeline. Long pointing after calibration block	
	Blocks	Starting Time (UTC)	End time (UTC)	Individual Remarks	IDs
	Pref. Scan	15/7 15:45	15/7 15:48	Mg + 0.2 - OCs: 1 - 4	D15-48698-48977
	Darks	15/07 15:51	15/7 15:54:00	OCs: 6 - 55	D15-48980-49079
	PD	15/7 15:57	15/07/2024 15:57	Mg + 0.2 - OCs: 5 - 9	D15-49080-49335
	Straylight	15/7 15:57	15/7 15:58	OC: 60	D15-49336-49415
	Linear Pol.	15/7 16:03	15/7 16:03	OCs: 61, 62, 63	D15-49416-49439
	Micro. Pols.	15/7 16:03	15/7 16:04	OCs: 64, 65, 66	D15-49440-49463
	Pinholes	15/7 16:04	15/7 16:04	OCs: 67 - 69	D15-49464-49469
Flats	0s	15/07 16:04	15/07 16:09	OCs : 70 - 74	D15-49470-49949
Flats	2.02	15/07 16:10	15/07 16:19	OCs: 75 - 79	D15-49950-51229
	Obs Mode 0s + 2.02	15/07 16:45	15/07 18:52	OCs: 191 - 234. Good. Lost tracking at ~ 17:08 (OCs ~ 236) Recovered at the 17:12 with a small shift in the FoV -> OC: 244 - 184	D15-51342-62360
	Darks	15/07 18:53	15/07 18:56	OM: 187 - 236	D15-62363-62462
	PD	15/7 18:58	15/7 18:59	Mg + 06. OCs: 237 - 240	D15-62463-62718
	Straylight	15/07/2024 18:59	15/07/2024 19:00	OC: 241	D15-62719-62798
	Linear Pol.	15/7 19:05	15/7 19:06	OCs: 242 - 244	D15-62799-62822
	Micro. Pols.	15/07 19:06	15/7 19:06	OCs: 245 - 247	D15-62823-62846
	Pinholes	15/7 19:06	15/7 19:06	OCs: 248	D15-62847-62852
Flats	0s	15/07 19:07	15/07 19:11	Ocs: 251 - 255	D15-62853-63332
Flats	2.02	15/07/2024 19:12	15/07 19:21	OCs: 0 - 4	D15-63333-64612
		Starting Time (UTC)	End time (UTC)	All remarks	
	Extra!	15/7 19:52:00	15/7 20:01	Deep modes obs (0p with 10 lambda rep + Normal 2.02)	
	Blocks	Starting Time (UTC)	End time (UTC)	Individual Remarks	IDs
	Pref. Scan	15/7 19:52:00	15/7 19:53	Mg + 0.2 - FF mode at the start - Autolock in the middle. OCs: 6 - 9	D15-64615-64886
	Pref. Scan	15/7 19:52:00	15/7 19:53	Mg + 0.2 - FF mode at the start - Autolock in the middle. OCs: 6 - 9	D15-64615-64886

	Deep modes	15/7 19:54	15/7 20:01	0p - 10 Lambda reps. Ocs: 10 + Normal 2.02 (OC 11)	D15-64887-65910
		Starting Time (UTC)	End time (UTC)	All remarks	
	QSDC_HC	15/7 20:02	15/07 20:43	Started with PD measurements. Modified version. No longitudinal obs. Only 2 Obs2.02 before and after snapshot mode. No calibration required.	
	Blocks	Starting Time (UTC)	End time (UTC)	Individual Remarks	IDs
	PD	15/7 20:02	15/7 20:02	0.2 + 0.6 - OCs: 12, 13, 14, 15	D15-65911-66230
	Obs 2.02	15/07 20:04	15/07 20:05	2 modes 2.02 before snapshot mode. OCs: 16-17	D15-66231-66358
	HC_snapshot	15/07 20:05	15/07 20:42	OCs: 18 - 89. 20:18 Pointing Lost - Recovered at ~ 20:21 Oc: ~ 212 - 113	D15-66359-70644
	Obs 2.02	15/07/2024 20:43	15/07 20:43	2 modes 2.02 after snapshot mode. OCs: 114 - 115	D15-70645-70772
		Starting Time (UTC)	End time (UTC)	All remarks	
	AR_5	15/07 20:45	15/07 22:43		
	Blocks	Starting Time (UTC)	End time (UTC)	Individual Remarks	IDs
	Pref. Scan	15/07 20:48	15/7 20:51	Mg + 0.2 - OCs: 116 - 119	D15-70773-71052
	Darks	15/07 20:54	15/07 20:57	OCs: 121 - 170	D15-71055-71154
	PD	15/7 20:59	15/7 21:00	Mg + 0.2 - Ocs: 171 - 174	D15-71155-71410
	Straylight	15/7 21:00	15/7 21:01	Oc: 175	D15-71411-71490
	Linear Pol.	15/7 21:06	15/7 21:06	OCs: 176 , 177, 178	D15-71491-71514
	Micro. Pols.	15/7 21:06	15/7 21:07	OCs: 179, 180, 181	D15-71515-71538
	Pinholes	15/7 21:07	15/7 21:07	OCs: 182, 183, 184	D15-71539-71544
Flats	0p	15/07 21:08	15/07/2024 21:26	OCs: 184 - 191	D15-71545-74232
Flats	2.02	15/07 21:26	15/07 21:38	OCs: 192-198	D15-74233-76024
	Obs Mode 0p + 2.02	15/07 22:05	15/07 22:43	OCs: 13 - 59	D15-76096-79884
		Starting Time (UTC)	End time (UTC)	All remarks	
	QSDC_2	15/07 22:57	16/07 7:15	Abort TL after QS5a and run CALL1 at the end + BUNCH OF FLATS	
	Blocks	Starting Time (UTC)	End time (UTC)	Individual Remarks	IDs
	Pref. Scan	15/7 23:01	15/7 23:03	Mg + 0.2 - OCs: 61 - 64	D15-79885-80164
	Darks	15/7 23:06	15/07/2024 23:09:00	OCs: 66 - 115	D15-80167-80266
	PD	15/7 23:12	15/7 23:12	Mg + 0.2 - OCs: 116	D15-80267-80522
	Straylight	15/7 23:13	15/7 23:13	OCs: 120	D15-80523-80602
	Linear Pol.	15/7 23:18	15/7 23:19	OCs: 121-123	D15-80603-80626
	Micro. Pols.	15/7 23:19	15/7 23:19	OCs: 124-126	D15-80627-80650
	Pinholes	15/7 23:19	15/7 23:20	OCs: 127 - 129	D15-80651-80656
Flats	0s	15/7 23:20	15/7 23:24	OCs: 130 - 134	D15-80657-81136
Flats	1	15/7 23:25	15/7 23:36	OCs: 135 - 139	D15-81137-82736
Flats	2.02	15/7 23:37	15/7 23:45	OCs: 140 - 144	D15-82737-84016

	Obs Mode 0s + 2.02	16/07 0:30	16/07 1:33	OCs: 206 - 207, Lost lock point 00:32 with OCs 209, Locked from 00:32 to 00:46 approx, not clearly visible in thumbnails with OCs: 210 - 249, locked again from 00:53 onwards OCs: 252 - 71	D16-62-5431
	Obs Mode 4 + 5.02	16/07 1:41	16/07 3:31	OCs: 75 - 162	D16-5436-26555
	Obs Mode 1 + 2.02	16/07 3:40	16/07 5:39	OCs: 166 - 199, 04:04 Complete loss of pointing - Close curtain for OCs: 200 - 226, aborted at 4:23 as Sun cannot be found; continue 04:47 with OCs: 241 - 59	D16-26560-36406
	Darks	16/07 5:43	16/07 5:46	OCs: 62 - 111	D16-36409-36508
	PD	16/07 5:49	16/07 5:49	Mg + 0.2 - OCs: 112	D16-36509-36764
	Straylight	16/07 5:50	16/07 5:51	OCs: 116	D16-36765-36844
	Linear Pol.	16/07 5:55	16/07 5:56	OCs: 117 - 119	D16-36845-36869
	Micro. Pols.	16/07 5:56	16/07 5:56	OCs: 120 - 122	D16-36869-36892
	Pinholes	16/07 5:57	16/07 5:57	OCs: 124	D16-36893-36898
Flats	2.02	16/07 5:57	16/07 6:05	OCs: 126 - 130	D16-36899-38178
Flats	0s	16/07 6:05	16/07 6:09	4 reps manual, OCs: 131 - 134	D16-38179-38562
Flats	1	16/07 6:10	16/07 6:14	OCs: 135 - 136	D16-38563-39202
Flats	1	16/07 6:18	16/07 6:29	OCs: - 139 - 143	D16-39211-40810
Flats	PD_Flats	16/07 6:29	16/07 6:33	OCs: 144 - 7	D16-40811-41050
Flats	0p	16/07 6:34	16/07/2024 6:48	OCs: 8 - 12	D16-41051-42970
Flats	2.06	16/07 6:48	16/07 6:57	OCs: 13 - 17	D16-42971-44250
Flats	3.02	16/07 6:58	16/07 7:01	OCs: 18 - 22	D16-44251-44650
Flats	5.02	16/07/2024 7:02	16/07 7:03	No son muy flat. (Se ve granulación) OCs: 23 - 27	D16-44651-45130
Flats	1	16/07 7:04	16/07/2024 7:15	Offset -150V - OCs : 28 - 32	D16-45131-46730
		Starting Time (UTC)	End time (UTC)	All remarks	
	Extra!	16/07 7:38	16/07/2024 8:35	Flares + Spicules on the east limb. Heavy seeing. Manual observation composed by mode 1 + 2.02, then PD measurements and prefilter scans .	
	Blocks	Starting Time (UTC)	End time (UTC)	Individual Remarks	IDs
	Obs Mode 1 + 2.02	16/07 7:38	16/07 8:31	Flaring region. Manually run outside any timeline to see some flaring activity. East limb. Probably offcentered but could not correct shift to not exceed 0V. OCs: 92 - 111. Lost pointing at 113 (7:53) - Recovered at 7:56 (117) - Espicules! maybe - Lost again at 8:05 Ocs: 125- Recovered at 8:07 OCs: 131 - 164	D16-46789-52170
	PD	16/07/2024 8:31	16/07/2024 8:31	Mg + 0.2 - OCs: 166 - 169	D16-52171-52426
	Pref. Scan	16/7 8:33	16/07/2024 8:35	OCs: 170 - 173	D16-52427-52698
		Starting Time (UTC)	End time (UTC)	All remarks	
	EW_1	16/07 9:34	16/7 13:47	Observation block changed with respect to standard timeline. Obs block composed of only deep magnesium (Mode 1 with 3 Lambda repeats and an offset of -150 V). Again, loooooooooong locking + pointing after cal block. Restart obs at 11:21. Aborted Obs block at 11:34. Looooooooooooooooooooooooooooooooong locking / pointing process. Relunched at 12:18 . Battery starts discharging around 12:18	
	Blocks	Starting Time (UTC)	End time (UTC)	Individual Remarks	IDs
	Pref. Scan	16/7 9:37	16/7 9:39	Mg + 0.2 - OCs: 180 - 183	D16-53520-53799
	Darks	16/07 9:43	16/07 9:45	OCs: 185 - 234	D16-53802-53901
	PD	16/7 9:48	16/7 9:49	Mg + 0.2 - Strange. Only one mode seemed to finish (HK Info) but no thumbnails. Seems to be a telemetry problem. Data was taken. Probably OCs: 235 - 239	D16-53902-54157

	Straylight	16/7 9:49	16/7 9:50	OCs: 239	D16-54158-54237
	Linear Pol.	16/7 9:54	16/7 9:55	OCs: 240, 241, 242	D16-54238-54261
	Micro. Pols.	16/7 9:55	16/7 9:55	Ocs: 243, 244, 245	D16-54262-54285
	Pinholes	16/7 9:55	16/7 9:56	Ocs: 246, 247, 248	D16-54286-54291
Flats	1	16/07 9:57	16/7 10:08	Offset -150V - OCs: 250 - 254	D16-54338-55937
Flats	PD_Flats	16/07 10:10	16/07 10:13	OCs: 255 - 118	D16-55938-56177
Flats	2.02	16/07 10:13	16/07 10:25	OCs: 119 - 125	D16-56178-57969
	Obs Mode 1 (deep)	16/07 11:21	16/07 11:34	Special deep Obs 1 mode for Limb Obs with lambda rep = 3. OCs: 23. (Lock might be lost) in the first one. Aborted on OCs: 30.	D16-58132-59999
	Obs Mode 1 (deep)	16/07/2024 12:18	16/07 13:40	Restarted after long autolock issues. OCS: 157 - 164 Good. At OCs (12:34) : 165 autolock seems lost for one obs mode then recovered in the same FOv than before. Tracking lost at 13:27 (OC: 197) - Recovered at 13:30 with slightly different FoV. OCs: 199 - 204	D16-60400-71957
	Pref. Scan	16/7 13:42	16/7 13:44	Mg + 0.2 - Ocs: 206 - 209	D16-71958-72229
	PD	16/7 13:47	16/7 13:47	Mg + 0.2 - Ocs: 210 - 213 . 40 images per cam mode	D16-72230-72549
		Starting Time (UTC)	End time (UTC)	All remarks	
	CALL_1	16/07 14:01	16/07 14:33	Changed flats of 5.02 to 1 with -100V	
	Blocks	Starting Time (UTC)	End time (UTC)	Individual Remarks	IDs
	Darks	16/07/2024 14:01	16/07 14:04	Ocs: 216 - 8	D16-72552-72651
	PD	16/7 14:06	16/7 14:07	Mg + 0.2 - OCs: 9 - 12	D16-72652-72907
	Straylight	16/7 14:07	16/7 14:08	Oc - 13	D16-72908-72987
	Linear Pol.	16/07/2024 14:13	16/7 14:13	OCs: 14 - 16	D16-72988-73011
	Micro. Pols.	16/7 14:13	16/7 14:14	OCs: 17- 19	D16-73012-73035
	Pinholes	16/7 14:14	16/7 14:14	OCs: 20 - 22	D16-73036-73041
Flats	1	16/07 14:16	16/07 14:28	Etalon Offset -100V. OCs: 24 - 28	D16-73251-74850
Flats	PD_Flats	16/07/2024 14:28	16/07 14:32	OCs: 29 - 149	D16-74851-75092
		Starting Time (UTC)	End time (UTC)	All remarks	
	CALL_3	16/7 14:34	16/07 15:01	Bunch of PD things with targets.	
	Blocks	Starting Time (UTC)	End time (UTC)	Individual Remarks	IDs
	PD	16/7 14:34	16/7 14:34	40 ims - USAF - Mg + 0.2 - OCs: 150 - 153	D16-75093-75412
	PD	16/7 14:36	16/7 14:36	32 ims - USAF - Mg + 0.6 - OCs: 154 - 157	D16-75413-75668
	PD	16/07/2024 14:49	16/07/2024 14:50	RND Pattern - 0.2 + 0.6 Ocs: 158 - 161	D16-75669-75924
	PD	16/7 14:50	16/7 14:51	RND Pattern - 0.6 + Mg - Ocs: 162 - 165	D16-75925-76180
	PD	16/07/2024 14:55	16/7 14:55	RND Mosaic - Mg + 0.2 - Ocs: 166 - 169	D16-76181-76436
	PD	16/7 14:56	16/7 14:56	RND Mosaic - 0.2 - 0.6 - Ocs: 170 - 173	D16-76437-76692
	PD_Flats	16/07 14:58	16/07 15:01	OCs: 174	D16-76693-76932