Date	Time	Exposure RA	DEC	Object	Filter	Filename	Comments
Time [s]				Name			
18-Oct	01:11	300 23 23 29	58 49	Cas A	SII	casa_test-0001_SII	Test SII exposure to see if object is centered. 5 minutes long so will be used if ok
18-Oct	Unknown	30 23 23 29	58 49	Cas A	SII	casa_test-0002_SII	Test short exposure to ensure calibration
18-Oct	01:25	300 23 23 29	58 49	Cas A	SII	cas_a_reading_0001_SII	First 5 minute exposure
18-Oct	01:29	300 23 23 29	58 49	Cas A	SII	cas_a_reading_0002_SII	Second 5 minute exposure
18-Oct	01:34	300 23 23 29	58 49	Cas A	SII	cas_a_reading_0003_SII	Third 5 minute exposure
18-Oct	01:43	300 23 23 29	58 49	Cas A	SII	cas_a_reading_0004_SII	Fourth 5 minute exposure
18-Oct	01:49	300 23 23 29	58 49	Cas A	SII	cas_a_reading_0005_SII	Fifth 5 minute exposure
18-Oct	21:46	60 23 23 26	58 49	Cas A	V	CAS_A_V-001V	80cm Readings start here: Failed 60 second exposure due to tracking
18-Oct	21:47	30 23 23 26	58 49	Cas A	V	CAS_A_V-002V	30 second exposures for V filter
18-Oct	21:47	30 23 23 26	58 49	Cas A	V	CASA_V-003V	
18-Oct	21:48	30 23 23 26	58 49	Cas A	V	CASA_V-004V	
18-Oct	22:48	30 23 23 26	58 49	Cas A	V	CASA_V-005V	
18-Oct	21:49	30 23 23 26	58 49	Cas A	V	CASA_V-006V	
18-Oct	21:49	30 23 23 26	58 49	Cas A	V	CASA_V-007V	
18-Oct	21:50	30 23 23 26	58 49	Cas A	V	CASA_V2-001V	Second round of V filter exposures
18-Oct	21:50	30 23 23 26	58 49	Cas A	V	CASA_V2-002V	
18-Oct	21:51	30 23 23 26	58 49	Cas A	V	CAS_A_V2-003V	
18-Oct	21:51	30 23 23 26	58 49	Cas A	V	CAS_A_V2-004V	
18-Oct	21:52	30 23 23 26	58 49	Cas A	V	CAS_A_V2-005V	
18-Oct	21:52	30 23 23 26	58 49	Cas A	V	CAS_A_V2-006V	
18-Oct	21:53	30 23 23 26	58 49	Cas A	R	CAS_A_R2-001R	R filter exposures
18-Oct	21:53	30 23 23 26	58 49	Cas A	R	CAS_A_R2-002R	
18-Oct	21:54	30 23 23 26	58 49	Cas A	R	CAS_A_R2-003R	
18-Oct	21:54	30 23 23 26	58 49	Cas A	R	CAS_A_R2-004R	
18-Oct	21:55	30 23 23 26	58 49	Cas A	R	CAS_A_R2-005R	
18-Oct	21:55	30 23 23 26	58 49	Cas A	R	CAS_A_R2-006R	
18-Oct	21:56	30 23 23 26	58 49	Cas A	В	CAS_A_B-001B	B filter exposures
18-Oct	21:56	30 23 23 26	58 49	Cas A	В	CAS_A_B-002B	
18-Oct	21:57	30 23 23 26	58 49	Cas A	В	CAS_A_B-003B	
18-Oct	21:57	30 23 23 26	58 49	Cas A	В	CAS_A_B-004B	
18-Oct	21:58	30 23 23 26	58 49	Cas A	В	CAS_A_B-005B	

18-Oct	21:58	30 23 23 26	58 49	Cas A	В	CAS_A_B-006B	
19-Oct	21:45	600 23 23 23	58 49	Cas A	Spec	CAS_A_spec_10	1.5m Readings start here: 10 minute exposures for spectroscopy on the 1.5m
19-Oct	21:45	600 23 23 23	58 49	Cas A	Spec	CAS_A_spec1_10	
19-Oct	21:45	600 23 23 23	58 49	Cas A	Spec	CAS_A_spec2_10	
19-Oct	00:09	300 23 23 23	58 49	Cas A	SII	cas_a_reading2-0001_SII	Start of Third night on 1.2m SII. Taking groups of 3 at a time
19-Oct	00:14	300 23 23 23	58 49	Cas A	SII	cas_a_reading2-0002_SII	
19-Oct	00:19	300 23 23 23	58 49	Cas A	SII	cas_a_reading2-0003_SII	
19-Oct	00:27	300 23 23 23	58 49	Cas A	SII	cas_a_reading2-0004_SII	Dome moved, new group of 3 taken
19-Oct	00:32	180 23 23 23	58 49	Cas A	SII	cas_a_reading2-0005_SII	Test exposure at 180s to account for resolution issues due to cloud cover
19-Oct	00:37	300 23 23 23	58 49	Cas A	SII	cas_a_reading2-0006_SII	Switched back to 300s as 180s had low definition and same noise
19-Oct		300 23 23 23	58 49	Cas A	SII	cas_a_reading2-0007_SII	
19-Oct		300 23 23 23	58 49	Cas A	SII	cas_a_reading2-0008_SII	
19-Oct		300 23 23 23	58 49	Cas A	О3	cas_a_test-0001_SII	Misnamed file. First OIII test image
19-Oct	01:05	300 23 23 23	58 49	Cas A	О3	cas_a_reading-0001_O3	Batch of 2 300s exposures with OIII filter
19-Oct	01:10	300 23 23 23	58 49	Cas A	О3	cas_a_reading-0002_O3	
19-Oct	01:25	600 23 23 23	58 49	Cas A	О3	cas_a_reading-0003_O3	Dome moved and sector reset, group of 2 taken for 10 minutes, 5 minutes were underexposed
19-Oct	01:35	600 23 23 23	58 49	Cas A	О3	cas_a_reading-0004_O3	
19-Oct	01:46	30 23 23 23	58 49	Cas A	R	cas_a_broad-0001_R	Test exposure for the R filter
19-Oct	01:46	30 24 23 23	59 49	Cas A	R	cas_a_broad-0002_R	Exposure is good, group of 9 then taken with same
19-Oct	01:47	30 25 23 23	60 49	Cas A	R	cas_a_broad-0003_R	
19-Oct	01:47	30 26 23 23	61 49	Cas A	R	cas_a_broad-0004_R	
19-Oct	01:48	30 27 23 23	62 49	Cas A	R	cas_a_broad-0005_R	
19-Oct	01:48	30 28 23 23	63 49	Cas A	R	cas_a_broad-0006_R	
19-Oct	01:49	30 29 23 23	64 49	Cas A	R	cas_a_broad-0007_R	
19-Oct	01:49	30 30 23 23	65 49	Cas A	R	cas_a_broad-0008_R	
19-Oct	01:50	30 31 23 23	66 49	Cas A	R	cas_a_broad-0009_R	
19-Oct	01:50	30 32 23 23	67 49	Cas A	R	cas_a_broad-0010_R	
19-Oct	01:54	900 32 23 23	67 49	Cas A	HA	cas_a_reading-0001_HA	Final H-Alpha Exposure very hazy, lots of clouds