

UT Date 2002-03-21 Observers M CalkinsColl. Focus 960 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001.DARK	900	0:44	05:29:05.0	31:30:16	300	90	3.0	none	4	
0002.DARK	900	0:59	05:44:16.0	31:30:19	300	90	3.0	none	4	
0003.DARK	900	1:14	05:59:24.0	31:30:21	300	90	3.0	none	4	
0004.DARK	900	1:30	06:14:34.0	31:30:24	300	90	3.0	none	4	
0005.DARK	900	1:45	06:29:41.0	31:30:26	300	90	3.0	none	4	
0006-0015.BIAS	0	2:01	06:31:03.0	31:30:26	300	90	3.0	none	4	
0016-0025.FLAT	6	2:04	06:34:10.0	31:30:27	300	90	3.0	none	4	
0026.BIAS	0	2:29	06:58:44.0	31:30:31	300	90	3.0	none	2	binning woes!
0027-0033.BIAS	0	2:30	07:00:14.0	31:30:31	300	90	3.0	none	2	
0034-0035.BIAS	0	2:31	07:00:40.0	31:30:32	300	90	3.0	none	2	
0036.FLAT	12	2:31	07:01:19.0	31:30:32	300	90	3.0	none	2	will stay in binby 2 tonight
0037-0045.FLAT	12	2:35	07:05:00.0	31:30:32	300	90	3.0	none	2	
0046.Hiltner600	50	2:48	06:42:37.2	02:11:25	300	90	3.0	#56 Spectropho	2	
0047.Hiltner600	50	2:49	06:42:37.2	02:11:25	300	90	3.0	#56 Spectropho	2	
0048.COMP	12	2:50	06:42:37.2	02:11:25	300	90	3.0	#56 Spectropho	2	
0049.Hiltner600	50	2:53	06:42:37.2	02:11:25	300	13	3.0	#56 Spectropho	2	
0050.Hiltner600	50	2:54	06:42:37.2	02:11:25	300	13	3.0	#56 Spectropho	2	
0051.COMP	12	2:56	06:42:37.2	02:11:25	300	13	3.0	#56 Spectropho	2	
0052.Akn120	180	2:59	05:13:38.0	-00:12:15	300	90	3.0	#6 AGN Monitor	2	
0053.COMP	12	3:02	05:13:38.0	-00:12:15	300	90	3.0	#6 AGN Monitor	2	

UT Date 2002-03-21 Observers M CalkinsColl. Focus 960 Grating/Grism 300

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0054.vso-73991	1020	3:06	05:55:37.6	00:42:33	300	90	3.0	112 Orion PMS	2	
0055.COMP	12	3:23	05:55:37.6	00:42:33	300	90	3.0	112 Orion PMS	2	
0056.vso-74066	1200	3:24	05:55:40.9	00:33:34	300	90	3.0	112 Orion PMS	2	
0057.COMP	12	3:45	05:55:40.9	00:33:34	300	90	3.0	112 Orion PMS	2	
0058.MRK110	360	4:20	09:25:12.9	+52:17:10	300	90	3.0	#6 AGN Monitor	2	
0059.COMP	12	4:26	09:25:12.9	+52:17:10	300	90	3.0	#6 AGN Monitor	2	
0060.FSVSJ095954	1200	4:33	09:59:54.6	22:52:06	300	90	3.0	#131 FSVS	2	QSO
0061.COMP	12	4:53	09:59:54.6	22:52:06	300	90	3.0	#131 FSVS	2	
0062.sn2002bf	1200	4:58	10:15:42.3	+55:40:06	300	24	3.0	#2 SN Observat	2	
0063.COMP	12	5:19	10:15:42.3	+55:40:06	300	24	3.0	#2 SN Observat	2	
0064.sn2002bo	1200	5:22	10:18:06.5	+21:49:41	300	-31	3.0	#2 SN Observat	2	
0065.COMP	12	5:42	10:18:06.5	+21:49:41	300	-31	3.0	#2 SN Observat	2	
0066.FLAT	45	5:47	10:18:06.5	+21:49:41	600	90	2.0	#10 M67 Galaxi	2	600L, 2 arcsec, tilt=732
0067-0075.FLAT	45	5:56	10:18:06.5	+21:49:41	600	90	2.0	#10 M67 Galaxi	2	
0076.Feige34	120	5:59	10:36:41.2	43:21:50	600	90	2.0	#56 Spectropho	2	
0077.COMP	30	6:01	10:36:41.2	43:21:50	600	90	2.0	#56 Spectropho	2	
0078.UGC06604	1020	6:04	11:38:08.7	58:45:30	600	90	2.0	#10 M67 stars	2	
0079.COMP	20	6:22	11:38:08.7	58:45:30	600	90	2.0	#10 M67 stars	2	
0080.N3818	1020	6:24	11:41:57.3	-06:09:20	600	90	2.0	#10 M67 stars	2	
0081.COMP	20	6:42	11:41:57.3	-06:09:20	600	90	2.0	#10 M67 stars	2	

UT Date 2002-03-21 Observers M CalkinsColl. Focus 960 Grating/Grism 300

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0082.VCC784	1020	6:44	12:25:14.7	15:36:27	600	90	2.0	#10 M67 stars	2	
0083.COMP	20	7:01	12:25:14.7	15:36:27	600	90	2.0	#10 M67 stars	2	
0084.VCC1475	1020	7:02	12:33:04.9	16:15:56	600	90	2.0	#10 M67 stars	2	
0085.COMP	20	7:20	12:33:04.9	16:15:56	600	90	2.0	#10 M67 stars	2	
0086.VCC1871	1020	7:21	12:41:15.7	11:23:14	600	90	2.0	#10 M67 stars	2	
0087.COMP	20	7:39	12:41:15.7	11:23:14	600	90	2.0	#10 M67 stars	2	
0088.MRK421	300	7:43	11:04:27.4	+38:12:32	300	90	3.0	#133 MRK421	2	normal setup
0089.MRK421	300	7:48	11:04:27.4	+38:12:32	300	90	3.0	#133 MRK421	2	
0090.MRK421	300	7:54	11:04:27.4	+38:12:32	300	90	3.0	#133 MRK421	2	
0091.COMP	12	7:59	11:04:27.4	+38:12:32	300	90	3.0	#133 MRK421	2	
0092.comak_058	660	8:01	13:07:38.9	35:24:41	300	90	3.0	#64f Cluster I	2	
0093.COMP	12	8:13	13:07:38.9	35:24:41	300	90	3.0	#64f Cluster I	2	
0094.comas_001	900	8:17	012:27:10.0	026:57:26	300	90	3.0	#64 Comas	2	
0095.COMP	12	8:33	012:27:10.0	026:57:26	300	90	3.0	#64 Comas	2	
0096.comas_002	780	8:34	12:27:41.8	28:41:53	300	90	3.0	#64 Comas	2	
0097.COMP	12	8:47	12:27:41.8	28:41:53	300	90	3.0	#64 Comas	2	
0098.comas_003	1200	8:49	12:31:38.6	27:29:43	300	90	3.0	#64 Comas	2	
0099.COMP	12	9:09	12:31:38.6	27:29:43	300	90	3.0	#64 Comas	2	
0100.comas_004	1080	9:10	12:34:17.2	27:27:08	300	90	3.0	#64 Comas	2	
0101.COMP	12	9:28	12:34:17.2	27:27:08	300	90	3.0	#64 Comas	2	

UT Date 2002-03-21 Observers M CalkinsColl. Focus 960 Grating/Grism 300

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0102.comas_005	1080	9:30	12:35:41.7	26:13:19	300	90	3.0	#64 Comas	2	
0103.COMP	12	9:48	12:35:41.7	26:13:19	300	90	3.0	#64 Comas	2	
0104.comas_006	900	9:49	12:35:58.5	26:57:57	300	90	3.0	#64 Comas	2	
0105.COMP	12	10:04	12:35:58.5	26:57:57	300	90	3.0	#64 Comas	2	
0106.comas_007	300	10:05	12:36:30.4	26:12:01	300	90	3.0	#64 Comas	2	
0107.COMP	12	10:11	12:36:30.4	26:12:01	300	90	3.0	#64 Comas	2	
0108.comas_008	660	10:12	12:36:38.0	24:25:43	300	90	3.0	#64 Comas	2	
0109.COMP	12	10:23	12:36:38.0	24:25:43	300	90	3.0	#64 Comas	2	
0110.comas_009	1200	10:24	12:36:48.4	27:32:55	300	90	3.0	#64 Comas	2	
0111.COMP	12	10:45	12:36:48.4	27:32:55	300	90	3.0	#64 Comas	2	
0112.comas_010	900	10:46	12:37:55.4	34:01:20	300	90	3.0	#64 Comas	2	
0113.COMP	12	11:01	12:37:55.4	34:01:20	300	90	3.0	#64 Comas	2	
0114.FSVSJ171906	1200	11:04	17:19:06.0	26:33:08	300	90	3.0	#131 FSVS	2	row=73
0115.COMP	12	11:24	17:19:06.0	26:33:08	300	90	3.0	#131 FSVS	2	
0116.FSVSJ162346	1200	11:26	16:23:46.1	27:05:57	300	90	3.0	#131 FSVS	2	
0117.COMP	12	11:46	16:23:46.1	27:05:57	300	90	3.0	#131 FSVS	2	
0118.FSVSJ172029	1020	11:48	17:20:29.1	26:56:49	300	90	3.0	#131 FSVS	2	
0119.COMP	12	12:05	17:20:29.1	26:56:49	300	90	3.0	#131 FSVS	2	
0120.FSVSJ172102	1080	12:07	17:21:02.4	26:39:11	300	90	3.0	#131 FSVS	2	
0121.COMP	12	12:25	17:21:02.4	26:39:11	300	90	3.0	#131 FSVS	2	

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0122.BDp332642	120	12:38	15:50:03	33:05:49	300	90	3.0	#56 Spectropho	2	
0123.COMP	12	12:40	15:50:03	33:05:49	300	90	3.0	#56 Spectropho	2	
0124-0128.sky	2	13:15	15:50:03	33:05:49	300	90	3.0	#57 Velocity S	2	
0129.COMP	12	13:16	15:50:03	33:05:49	300	90	3.0	#57 Velocity S	2	
0130-0139.BIAS	0	13:19	15:50:03	33:05:49	300	90	3.0	#57 Velocity S	2	
0140-0149.FLAT	12	13:23	15:50:03	33:05:49	300	90	3.0	#57 Velocity S	2	
0150-0159.DARK	900	15:41	15:50:03	33:05:49	300	90	3.0	#57 Velocity S	2	