

UT Date 2002-01-05 Observers M CalkinsColl. Focus 1000 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0001.DARK	900	0:32	00:21:21.0	31:29:43	300	90	3.0	#57 Velocity S	4	
0002-0003.DARK	900	1:02	00:51:43.0	31:29:44	300	90	3.0	#57 Velocity S	4	
0004-0013.BIAS	0	1:19	00:53:06.0	31:29:44	300	90	3.0	#57 Velocity S	4	
0014-0023.FLAT	6	1:22	00:55:55.0	31:29:44	300	90	3.0	#57 Velocity S	4	
0024-0033.BIAS	0	1:41	01:15:01.0	31:29:45	300	90	3.0	#57 Velocity S	2	
0034-0043.FLAT	12	1:47	01:21:11.0	31:29:45	300	90	3.0	#57 Velocity S	2	
0044.Feige25	120	1:47	02:36:00	05:15:16	300	90	3.0	#56 Spectropho	2	video problems at start of night
0045.COMP	12	1:47	02:36:00	05:15:16	300	90	3.0	#56 Spectropho	2	
0046.Feige25	120	1:47	02:36:00	05:15:16	300	90	3.0	#56 Spectropho	4	
0047.COMP	5	1:47	02:36:00	05:15:16	300	90	3.0	#56 Spectropho	4	
0048.Feige25	120	1:47	02:36:00	05:15:16	300	24	3.0	#56 Spectropho	2	
0049.COMP	12	1:47	02:36:00	05:15:16	300	24	3.0	#56 Spectropho	2	
0050.ZAnd	2	1:47	23:33:40	48:49:06	300	90	3.0	#12 Symbiotic	2	
0051.ZAnd	10	1:47	23:33:40	48:49:06	300	90	3.0	#12 Symbiotic	2	
0052.ZAnd	60	1:47	23:33:40	48:49:06	300	90	3.0	#12 Symbiotic	2	
0053.COMP	12	1:47	23:33:40	48:49:06	300	90	3.0	#12 Symbiotic	2	
0054.MRK335	120	1:47	00:06:19.6	+20:12:11	300	63	3.0	#6 AGN Monitor	2	
0055.MRK335	120	1:47	00:06:19.6	+20:12:11	300	63	3.0	#6 AGN Monitor	2	
0056.COMP	12	1:47	00:06:19.6	+20:12:11	300	63	3.0	#6 AGN Monitor	2	
0057.a168_109	1200	1:47	01:15:36.7	-3:26:23	300	90	3.0	#64 Cluster In	2	

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0058.COMP	12	1:47	01:15:36.7	-3:26:23	300	90	3.0	#64 Cluster In	2	
0059.a168_111	900	1:47	01:21:52.1	-2:40:11	300	90	3.0	#64 Cluster In	2	
0060.COMP	12	1:47	01:21:52.1	-2:40:11	300	90	3.0	#64 Cluster In	2	
0061.a168_166	1200	1:47	01:25:22.3	3:14:31	300	90	3.0	#64 Cluster In	2	
0062.COMP	12	1:47	01:25:22.3	3:14:31	300	90	3.0	#64 Cluster In	2	
0063.a496_496	1200	1:47	04:18:16.2	-16:20:14	300	90	3.0	#64 Cluster In	2	
0064.COMP	12	1:47	04:18:16.2	-16:20:14	300	90	3.0	#64 Cluster In	2	
0065.a496_482	780	1:47	04:32:07.5	-18:03:50	300	90	3.0	#64 Cluster In	2	
0066.COMP	12	1:47	04:32:07.5	-18:03:50	300	90	3.0	#64 Cluster In	2	
0067.a496_483	1200	1:47	04:15:01.7	-15:20:53	300	90	3.0	#64 Cluster In	2	
0068.COMP	12	1:47	04:15:01.7	-15:20:53	300	90	3.0	#64 Cluster In	2	
0069.a496_484	660	1:47	04:28:03.9	-16:37:48	300	90	3.0	#64 Cluster In	2	
0070.COMP	12	1:47	04:28:03.9	-16:37:48	300	90	3.0	#64 Cluster In	2	
0071.a496_485	1200	1:47	04:33:07.7	-09:22:54	300	90	3.0	#64 Cluster In	2	terrible seeing!
0072.COMP	12	1:47	04:33:07.7	-09:22:54	300	90	3.0	#64 Cluster In	2	
0073.BGGem	300	1:47	6:03:31	27:41:50	300	90	3.0	#100 BGGem	2	
0074.COMP	12	1:47	6:03:31	27:41:50	300	90	3.0	#100 BGGem	2	
0075.BGGem	1200	1:47	6:03:31	27:41:50	300	90	3.0	#100 BGGem	2	
0076.COMP	12	1:47	6:03:31	27:41:50	300	90	3.0	#100 BGGem	2	
0077.FLAT	40	1:47	6:03:31	27:41:50	600	90	2.0	#122 Halo Star	4	600L, 2arcsec, tilt=430

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0078-0086.FLAT	40	8:16	6:03:31	27:41:50	600	90	2.0	#122 Halo Star	4	
0087.Feige34	120	8:16	10:36:41.2	43:21:50	600	90	2.0	#122 Halo Star	4	
0088.COMP	10	8:16	10:36:41.2	43:21:50	600	90	2.0	#122 Halo Star	4	
0089.hs625	660	8:16	9:24:27.4	29:36:30	600	90	2.0	#122 Halo Star	4	seeing much better
0090.COMP	10	8:16	9:24:27.4	29:36:30	600	90	2.0	#122 Halo Star	4	
0091.hs626	1200	8:16	9:24:31.1	29:10:04	600	90	2.0	#122 Halo Star	4	
0092.COMP	10	8:16	9:24:31.1	29:10:04	600	90	2.0	#122 Halo Star	4	
0093.hs627	120	8:16	9:24:36.9	27:49:28	600	90	2.0	#122 Halo Star	4	
0094.COMP	10	8:16	9:24:36.9	27:49:28	600	90	2.0	#122 Halo Star	4	
0095.hs628	180	8:16	9:25:10.2	28:48:18	600	90	2.0	#122 Halo Star	4	
0096.COMP	10	8:16	9:25:10.2	28:48:18	600	90	2.0	#122 Halo Star	4	
0097.hs629	180	8:16	9:25:15.7	29:04:40	600	90	2.0	#122 Halo Star	4	
0098.COMP	10	8:16	9:25:15.7	29:04:40	600	90	2.0	#122 Halo Star	4	
0099.hs630	180	8:16	9:25:15.9	28:57:24	600	90	2.0	#122 Halo Star	4	
0100.COMP	10	8:16	9:25:15.9	28:57:24	600	90	2.0	#122 Halo Star	4	
0101.hs631	540	8:16	9:25:36.8	29:38:11	600	90	2.0	#122 Halo Star	4	
0102.COMP	10	8:16	9:25:36.8	29:38:11	600	90	2.0	#122 Halo Star	4	
0103.hs632	1200	8:16	9:25:56.3	28:50:06	600	90	2.0	#122 Halo Star	4	
0104.COMP	10	8:16	9:25:56.3	28:50:06	600	90	2.0	#122 Halo Star	4	
0105.hs633	60	8:16	9:26:15.1	28:03:23	600	90	2.0	#122 Halo Star	4	

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0106.COMP	10	8:16	9:26:15.1	28:03:23	600	90	2.0	#122 Halo Star	4	
0107.hs635	1200	8:16	9:26:15.7	28:53:27	600	90	2.0	#122 Halo Star	4	
0108.COMP	10	8:16	9:26:15.7	28:53:27	600	90	2.0	#122 Halo Star	4	
0109.hs636	60	8:16	9:27:18.6	28:12:19	600	90	2.0	#122 Halo Star	4	
0110.COMP	10	8:16	9:27:18.6	28:12:19	600	90	2.0	#122 Halo Star	4	
0111.hs637	1200	8:16	9:27:30.8	29:32:16	600	90	2.0	#122 Halo Star	4	
0112.COMP	10	8:16	9:27:30.8	29:32:16	600	90	2.0	#122 Halo Star	4	
0113.hs638	1200	8:16	9:27:34.2	29:26:51	600	90	2.0	#122 Halo Star	4	
0114.COMP	10	8:16	9:27:34.2	29:26:51	600	90	2.0	#122 Halo Star	4	
0115.hs639	90	8:16	9:27:36.9	27:49:16	600	90	2.0	#122 Halo Star	4	
0116.COMP	10	8:16	9:27:36.9	27:49:16	600	90	2.0	#122 Halo Star	4	
0117.hs640	1200	8:16	9:27:42.9	29:34:48	600	90	2.0	#122 Halo Star	4	
0118.COMP	10	8:16	9:27:42.9	29:34:48	600	90	2.0	#122 Halo Star	4	
0119.hs641	1200	8:16	9:28:30.8	29:06:31	600	90	2.0	#122 Halo Star	4	
0120.COMP	10	8:16	9:28:30.8	29:06:31	600	90	2.0	#122 Halo Star	4	
0121.hs642	1200	8:16	9:28:53.0	29:18:00	600	90	2.0	#122 Halo Star	4	
0122.COMP	10	8:16	9:28:53.0	29:18:00	600	90	2.0	#122 Halo Star	4	
0123.hs643	210	8:16	9:29:16.8	28:50:52	600	90	2.0	#122 Halo Star	4	
0124.COMP	10	8:16	9:29:16.8	28:50:52	600	90	2.0	#122 Halo Star	4	
0125.hs645	70	8:16	9:29:49.7	27:59:34	600	90	2.0	#122 Halo Star	4	

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0126.COMP	10	8:16	9:29:49.7	27:59:34	600	90	2.0	#122 Halo Star	4	
0127.hs646	240	8:16	9:29:51.8	29:07:42	600	90	2.0	#122 Halo Star	4	
0128.COMP	10	8:16	9:29:51.8	29:07:42	600	90	2.0	#122 Halo Star	4	
0129.sn2001it	900	8:16	15:06:09.4	+53:24:41	300	73	3.0	#2 SN Observat	2	standard setup
0130.COMP	12	8:16	15:06:09.4	+53:24:41	300	73	3.0	#2 SN Observat	2	abort due to wind!
0131-0140.BIAS	0	13:06	15:06:09.4	+53:24:41	300	73	3.0	#2 SN Observat	4	
0141-0150.FLAT	6	13:11	15:06:09.4	+53:24:41	300	73	3.0	#2 SN Observat	4	
0151-0160.BIAS	0	13:15	15:06:09.4	+53:24:41	300	73	3.0	#2 SN Observat	2	
0161-0170.FLAT	12	13:19	15:06:09.4	+53:24:41	300	73	3.0	#2 SN Observat	2	
0171-0180.DARK	900	15:39	15:06:09.4	+53:24:41	300	73	3.0	#2 SN Observat	2	