

UT Date 2002-04-14 Observers M CalkinsColl. Focus 960 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0001-0010.DARK	900	21:10	15:50:03	33:05:49	300	85	3.0	#56 Spectropho	4	
0011-0020.DARK	900	23:43	15:50:03	33:05:49	300	85	3.0	#56 Spectropho	2	
0021-0030.BIAS	0	0:48	06:52:40.0	31:30:29	300	85	3.0	#56 Spectropho	4	
0031-0040.FLAT	6	0:51	06:55:29.0	31:30:30	300	85	3.0	#56 Spectropho	4	
0041-0050.BIAS	0	0:54	06:58:01.0	31:30:30	300	85	3.0	#56 Spectropho	2	
0051.FLAT	12	0:55	06:59:28.0	31:30:30	300	85	3.0	#56 Spectropho	2	
0052-0060.FLAT	12	0:59	07:03:09.0	31:30:31	300	85	3.0	#56 Spectropho	2	
0061.Hiltner600	60	2:38	06:42:37.2	02:11:25	300	90	3.0	#56 Spectropho	4	
0062.Hiltner600	60	2:39	06:42:37.2	02:11:25	300	90	3.0	#56 Spectropho	4	
0063.COMP	5	2:40	06:42:37.2	02:11:25	300	90	3.0	#56 Spectropho	4	
0064.Hiltner600	60	2:41	06:42:37.2	02:11:25	300	90	3.0	#56 Spectropho	2	
0065.Hiltner600	60	2:42	06:42:37.2	02:11:25	300	90	3.0	#56 Spectropho	2	
0066.COMP	12	2:44	06:42:37.2	02:11:25	300	90	3.0	#56 Spectropho	2	
0067.Hiltner600	60	2:45	06:42:37.2	02:11:25	300	41	3.0	#56 Spectropho	2	
0068.Hiltner600	60	2:46	06:42:37.2	02:11:25	300	41	3.0	#56 Spectropho	2	
0069.COMP	12	2:48	06:42:37.2	02:11:25	300	41	3.0	#56 Spectropho	2	
0070.vso25433	480	2:50	05:06:12.8	00:44:18	300	90	3.0	#112 Orion PMS	2	
0071.COMP	12	2:58	05:06:12.8	00:44:18	300	90	3.0	#112 Orion PMS	2	
0072.vso26077	720	2:59	05:07:02.3	00:30:02	300	90	3.0	#112 Orion PMS	2	
0073.COMP	12	3:12	05:07:02.3	00:30:02	300	90	3.0	#112 Orion PMS	2	

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0074.vso26964	900	3:13	05:08:07.6	00:32:35	300	90	3.0	#112 Orion PMS	2	
0075.COMP	12	3:29	05:08:07.6	00:32:35	300	90	3.0	#112 Orion PMS	2	
0076.vso27003	600	3:30	05:08:09.9	00:21:32	300	90	3.0	#112 Orion PMS	2	
0077.COMP	12	3:40	05:08:09.9	00:21:32	300	90	3.0	#112 Orion PMS	2	
0078.sn2002bo	1200	3:45	10:18:06.5	+21:49:41	300	-33	3.0	#2 SN Observat	2	row=78
0079.COMP	12	4:05	10:18:06.5	+21:49:41	300	-33	3.0	#2 SN Observat	2	
0080.MRK421	300	4:07	11:04:27.4	+38:12:32	300	90	3.0	#133 MRK421	2	
0081.MRK421	300	4:13	11:04:27.4	+38:12:32	300	90	3.0	#133 MRK421	2	
0082.MRK421	300	4:18	11:04:27.4	+38:12:32	300	90	3.0	#133 MRK421	2	
0083.COMP	12	4:23	11:04:27.4	+38:12:32	300	90	3.0	#133 MRK421	2	
0084.2MJ1103325p144339	1200	4:27	11:03:32.5	+14:43:39	300	90	3.0	#68 2MASS Reds	2	
0085.COMP	12	4:47	11:03:32.5	+14:43:39	300	90	3.0	#68 2MASS Reds	2	
0086.2MJ1103459p184515	480	4:49	11:03:45.9	+18:45:15	300	90	3.0	#68 2MASS Reds	2	
0087.COMP	12	4:57	11:03:45.9	+18:45:15	300	90	3.0	#68 2MASS Reds	2	
0088.2MJ1103514p090759	360	4:59	11:03:51.4	+09:07:59	300	90	3.0	#68 2MASS Reds	2	
0089.COMP	12	5:05	11:03:51.4	+09:07:59	300	90	3.0	#68 2MASS Reds	2	
0090.2MJ1103541p142524	240	5:06	11:03:54.1	+14:25:24	300	90	3.0	#68 2MASS Reds	2	
0091.COMP	12	5:11	11:03:54.1	+14:25:24	300	90	3.0	#68 2MASS Reds	2	
0092.2MJ1104184p021847	900	5:12	11:04:18.4	+02:18:47	300	90	3.0	#68 2MASS Reds	2	
0093.COMP	12	5:27	11:04:18.4	+02:18:47	300	90	3.0	#68 2MASS Reds	2	

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0094.2MJ1104534p074021	480	5:29	11:04:53.4	+07:40:21	300	90	3.0	#68 2MASS Reds	2	
0095.COMP	12	5:37	11:04:53.4	+07:40:21	300	90	3.0	#68 2MASS Reds	2	
0096.2MJ1104542p022149	240	5:38	11:04:54.2	+02:21:49	300	90	3.0	#68 2MASS Reds	2	
0097.COMP	12	5:43	11:04:54.2	+02:21:49	300	90	3.0	#68 2MASS Reds	2	
0098.2MJ1105081p101653	240	5:44	11:05:08.1	+10:16:53	300	90	3.0	#68 2MASS Reds	2	
0099.COMP	12	5:48	11:05:08.1	+10:16:53	300	90	3.0	#68 2MASS Reds	2	
0100.2MJ1105193p220601	180	5:50	11:05:19.3	+22:06:01	300	90	3.0	#68 2MASS Reds	2	
0101.COMP	12	5:53	11:05:19.3	+22:06:01	300	90	3.0	#68 2MASS Reds	2	
0102.2MJ1105280p023344	300	5:54	11:05:28.0	+02:33:44	300	90	3.0	#68 2MASS Reds	2	
0103.COMP	12	6:00	11:05:28.0	+02:33:44	300	90	3.0	#68 2MASS Reds	2	
0104.2MJ1105458p194702	420	6:01	11:05:45.8	+19:47:02	300	90	3.0	#68 2MASS Reds	2	
0105.COMP	12	6:09	11:05:45.8	+19:47:02	300	90	3.0	#68 2MASS Reds	2	
0106.2MJ1105540p110429	270	6:10	11:05:54.0	+11:04:29	300	90	3.0	#68 2MASS Reds	2	
0107.COMP	12	6:15	11:05:54.0	+11:04:29	300	90	3.0	#68 2MASS Reds	2	
0108.2MJ1106265p025154	300	6:16	11:06:26.5	+02:51:54	300	90	3.0	#68 2MASS Reds	2	
0109.COMP	12	6:21	11:06:26.5	+02:51:54	300	90	3.0	#68 2MASS Reds	2	
0110.2MJ1106265p142150	600	6:22	11:06:26.5	+14:21:50	300	90	3.0	#68 2MASS Reds	2	
0111.COMP	12	6:33	11:06:26.5	+14:21:50	300	90	3.0	#68 2MASS Reds	2	
0112.2MJ1106302p130846	420	6:34	11:06:30.2	+13:08:46	300	90	3.0	#68 2MASS Reds	2	
0113.COMP	12	6:41	11:06:30.2	+13:08:46	300	90	3.0	#68 2MASS Reds	2	

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0114.2MJ1106316p224639	240	6:42	11:06:31.6	+22:46:39	300	90	3.0	#68 2MASS Reds	2	
0115.COMP	12	6:47	11:06:31.6	+22:46:39	300	90	3.0	#68 2MASS Reds	2	
0116.2MJ1106333p001648	240	6:48	11:06:33.3	+00:16:48	300	90	3.0	#68 2MASS Reds	2	
0117.COMP	12	6:53	11:06:33.3	+00:16:48	300	90	3.0	#68 2MASS Reds	2	
0118.2MJ1106366p131942	600	6:54	11:06:36.6	+13:19:42	300	90	3.0	#68 2MASS Reds	2	
0119.COMP	12	7:05	11:06:36.6	+13:19:42	300	90	3.0	#68 2MASS Reds	2	
0120.sn2002bz	1200	7:08	14:24:40.5	+26:37:34	300	110	3.0	#2 SN Observat	2	
0121.COMP	12	7:28	14:24:40.5	+26:37:34	300	110	3.0	#2 SN Observat	2	
0122.FSVSJ103755	1200	7:32	10:37:55.9	04:44:38	300	90	3.0	#131 FSVS	2	
0123.COMP	12	7:53	10:37:55.9	04:44:38	300	90	3.0	#131 FSVS	2	
0124.FLAT	40	7:58	10:37:55.9	04:44:38	600	90	2.0	#122 Halo Star	4	600L, 2arcsec, tilt=430
0125-0133.FLAT	40	8:05	10:37:55.9	04:44:38	600	90	2.0	#122 Halo Star	4	
0134.hs1000	1020	8:08	13:30:16.3	29:47:37	600	90	2.0	#122 Halo Star	4	
0135.COMP	10	8:25	13:30:16.3	29:47:37	600	90	2.0	#122 Halo Star	4	
0136.BDp332642	120	8:27	15:50:03	33:05:49	600	90	2.0	#56 Spectropho	4	
0137.COMP	10	8:29	15:50:03	33:05:49	600	90	2.0	#56 Spectropho	4	
0138.hs1001	540	8:31	13:31:53.9	30:00:10	600	90	2.0	#122 Halo Star	4	
0139.COMP	10	8:40	13:31:53.9	30:00:10	600	90	2.0	#122 Halo Star	4	
0140.hs1002	420	8:41	13:40:25.8	30:07:17	600	90	2.0	#122 Halo Star	4	
0141.COMP	10	8:48	13:40:25.8	30:07:17	600	90	2.0	#122 Halo Star	4	

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0142.hs1003	150	8:49	13:45:03.4	29:18:52	600	90	2.0	#122 Halo Star	4	
0143.COMP	10	8:52	13:45:03.4	29:18:52	600	90	2.0	#122 Halo Star	4	
0144.hs1004	900	8:54	13:53:03.9	29:53:54	600	90	2.0	#122 Halo Star	4	
0145.COMP	10	9:09	13:53:03.9	29:53:54	600	90	2.0	#122 Halo Star	4	
0146.hs1005	900	9:10	13:57:22.8	29:54:15	600	90	2.0	#122 Halo Star	4	
0147.COMP	10	9:26	13:57:22.8	29:54:15	600	90	2.0	#122 Halo Star	4	
0148.hs1005	900	9:26	13:57:22.8	29:54:15	600	90	2.0	#122 Halo Star	4	
0149.COMP	10	9:42	13:57:22.8	29:54:15	600	90	2.0	#122 Halo Star	4	
0150.hs1006	720	9:43	13:59:03.4	29:04:31	600	90	2.0	#122 Halo Star	4	
0151.COMP	12	9:55	13:59:03.4	29:04:31	600	90	2.0	#122 Halo Star	4	
0152.hs1007	1200	9:56	14:00:21.2	29:25:05	600	90	2.0	#122 Halo Star	4	
0153.COMP	10	10:16	14:00:21.2	29:25:05	600	90	2.0	#122 Halo Star	4	
0154.hs1008	360	10:19	14:01:08.0	28:40:40	600	90	2.0	#122 Halo Star	4	
0155.COMP	10	10:25	14:01:08.0	28:40:40	600	90	2.0	#122 Halo Star	4	
0156.hs1009	360	10:26	14:01:13.9	30:36:53	600	90	2.0	#122 Halo Star	4	
0157.COMP	10	10:33	14:01:13.9	30:36:53	600	90	2.0	#122 Halo Star	4	
0158.hs1010	1200	10:34	14:01:25.7	28:21:07	600	90	2.0	#122 Halo Star	4	
0159.COMP	10	10:55	14:01:25.7	28:21:07	600	90	2.0	#122 Halo Star	4	
0160.FSVSJ172645	1200	11:01	17:26:45.5	26:42:28	300	90	3.0	#131 FSVS	4	normal setup
0161.COMP	5	11:21	17:26:45.5	26:42:28	300	90	3.0	#131 FSVS	4	

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0162.FSVSJ183006	1020	11:24	18:30:06.2	35:51:59	300	90	3.0	#131 FSVS	4	
0163.COMP	5	11:41	18:30:06.2	35:51:59	300	90	3.0	#131 FSVS	4	
0164.sn2002cd	1200	11:43	20:23:34.4	+58:20:47	300	62	3.0	#2 SN Observat	2	
0165.COMP	12	12:04	20:23:34.4	+58:20:47	300	62	3.0	#2 SN Observat	2	
0166.BDp332642	45	12:06	15:50:03	33:05:49	300	82	3.0	#56 Spectropho	2	
0167.BDp332642	45	12:07	15:50:03	33:05:49	300	82	3.0	#56 Spectropho	2	
0168.COMP	12	12:08	15:50:03	33:05:49	300	82	3.0	#56 Spectropho	2	
0169.BDp332642	45	12:09	15:50:03	33:05:49	300	90	3.0	#56 Spectropho	4	
0170.BDp332642	45	12:10	15:50:03	33:05:49	300	90	3.0	#56 Spectropho	4	
0171.COMP	5	12:12	15:50:03	33:05:49	300	90	3.0	#56 Spectropho	4	
0172-0176.sky	2	12:35	15:50:03	33:05:49	300	90	3.0	#57 Velocity S	4	
0177.COMP	5	12:36	15:50:03	33:05:49	300	90	3.0	#57 Velocity S	4	
0178-0187.BIAS	0	12:39	15:50:03	33:05:49	300	90	3.0	#57 Velocity S	4	
0188-0197.FLAT	6	12:42	15:50:03	33:05:49	300	90	3.0	#57 Velocity S	4	
0198-0207.BIAS	0	12:44	15:50:03	33:05:49	300	90	3.0	#57 Velocity S	2	
0208-0217.FLAT	12	12:48	15:50:03	33:05:49	300	90	3.0	#57 Velocity S	2	
0218-0227.DARK	900	15:06	15:50:03	33:05:49	300	90	3.0	#57 Velocity S	2	