

UT Date 2001-09-21 Observers M CalkinsColl. Focus 1010 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0001-0010.DARK	900	1:45	07:23:43.2	33:26:38	300	99	3.0	#57 Velocity S	4	
0011-0020.BIAS	0	2:01	07:23:43.2	33:26:38	300	99	3.0	#57 Velocity S	4	
0021-0030.FLAT	6	2:04	07:23:43.2	33:26:38	300	99	3.0	#57 Velocity S	4	
0031-0040.BIAS	0	2:08	07:23:43.2	33:26:38	300	99	3.0	#57 Velocity S	2	
0041-0050.FLAT	12	2:12	07:23:43.2	33:26:38	300	99	3.0	#57 Velocity S	2	
0051.HD192281	30	2:12	20:10:46.8	40:07:01	300	90	3.0	#56 Spectropho	4	
0052.HD192281	30	2:12	20:10:46.8	40:07:01	300	90	3.0	#56 Spectropho	4	
0053.COMP	5	2:12	20:10:46.8	40:07:01	300	90	3.0	#56 Spectropho	4	
0054.HD192281	30	2:12	20:10:46.8	40:07:01	300	90	3.0	#56 Spectropho	2	
0055.HD192281	30	2:12	20:10:46.8	40:07:01	300	90	3.0	#56 Spectropho	2	
0056.COMP	12	2:12	20:10:46.8	40:07:01	300	90	3.0	#56 Spectropho	2	
0057.HD192281	30	2:12	20:10:46.8	40:07:01	300	62	3.0	#56 Spectropho	2	
0058.HD192281	30	2:12	20:10:46.8	40:07:01	300	62	3.0	#56 Spectropho	2	
0059.COMP	12	2:12	20:10:46.8	40:07:01	300	62	3.0	#56 Spectropho	2	
0060.Hen1341	10	2:12	17:08:36	-17:26:30	300	90	3.0	#12 Symbiotic	2	
0061.Hen1341	30	2:12	17:08:36	-17:26:30	300	90	3.0	#12 Symbiotic	2	
0062.Hen1341	5	2:12	17:08:36	-17:26:30	300	90	3.0	#12 Symbiotic	2	
0063.Hen1341	90	2:12	17:08:36	-17:26:30	300	90	3.0	#12 Symbiotic	2	
0064.COMP	12	2:12	17:08:36	-17:26:30	300	90	3.0	#12 Symbiotic	2	
0065.M1m21	15	2:12	17:34:17	-19:09:24	300	90	3.0	#12 Symbiotic	2	row=85

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0066.M1m21	300	2:12	17:34:17	-19:09:24	300	90	3.0	#12 Symbiotic	2	
0067.M1m21	30	2:12	17:34:17	-19:09:24	300	90	3.0	#12 Symbiotic	2	
0068.COMP	12	2:12	17:34:17	-19:09:24	300	90	3.0	#12 Symbiotic	2	From this file until file 99, comp
0069.UUSer	120	2:12	17:42:39	-15:24:45	300	90	3.0	#12 Symbiotic	2	mirror is not functioning.
0070.UUSer	600	2:12	17:42:39	-15:24:45	300	90	3.0	#12 Symbiotic	2	Will get these stars again.
0071.UUSer	60	2:12	17:42:39	-15:24:45	300	90	3.0	#12 Symbiotic	2	
0072.COMP	12	2:12	17:42:39	-15:24:45	300	90	3.0	#12 Symbiotic	2	(bad comp)
0073.V2416Sgr	60	2:12	17:57:16	-21:41:30	300	90	3.0	#12 Symbiotic	2	
0074.V2416Sgr	300	2:12	17:57:16	-21:41:30	300	90	3.0	#12 Symbiotic	2	
0075.V2416Sgr	30	2:12	17:57:16	-21:41:30	300	90	3.0	#12 Symbiotic	2	
0076.COMP	12	2:12	17:57:16	-21:41:30	300	90	3.0	#12 Symbiotic	2	(bad comp)
0077.AS270	20	2:12	18:05:33	-20:20:37	300	90	3.0	#12 Symbiotic	2	
0078.AS270	300	2:12	18:05:33	-20:20:37	300	90	3.0	#12 Symbiotic	2	
0079.COMP	12	2:12	18:05:33	-20:20:37	300	90	3.0	#12 Symbiotic	2	(bad comp)
0080.Hen1591	300	2:12	18:07:32	-25:53:43	300	90	3.0	#12 Symbiotic	2	
0081.COMP	12	2:12	18:07:32	-25:53:43	300	90	3.0	#12 Symbiotic	2	(bad comp)
0082.V2601Sgr	20	2:12	18:38:02	-22:41:53	300	90	3.0	#12 Symbiotic	2	
0083.V2601Sgr	200	2:12	18:38:02	-22:41:53	300	90	3.0	#12 Symbiotic	2	
0084.COMP	12	2:12	18:38:02	-22:41:53	300	90	3.0	#12 Symbiotic	2	(bad comp)
0085.AS316	10	2:12	18:42:33	-21:17:47	300	90	3.0	#12 Symbiotic	2	

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0086.AS316	300	2:12	18:42:33	-21:17:47	300	90	3.0	#12 Symbiotic	2	
0087.COMP	12	2:12	18:42:33	-21:17:47	300	90	3.0	#12 Symbiotic	2	(bad comp)
0088.MWC960	10	2:12	18:47:56	-20:05:52	300	90	3.0	#12 Symbiotic	2	row=83
0089.MWC960	300	2:12	18:47:56	-20:05:52	300	90	3.0	#12 Symbiotic	2	
0090.COMP	12	2:12	18:47:56	-20:05:52	300	90	3.0	#12 Symbiotic	2	(bad comp)
0091.AS327	10	2:12	18:53:17	-24:22:59	300	90	3.0	#12 Symbiotic	2	
0092.AS327	300	2:12	18:53:17	-24:22:59	300	90	3.0	#12 Symbiotic	2	
0093.COMP	12	2:12	18:53:17	-24:22:59	300	90	3.0	#12 Symbiotic	2	(bad comp)
0094.FNSgr	10	2:12	18:53:55	-18:59:41	300	90	3.0	#12 Symbiotic	2	
0095.FNSgr	480	2:12	18:53:55	-18:59:41	300	90	3.0	#12 Symbiotic	2	
0096.COMP	12	2:12	18:53:55	-18:59:41	300	90	3.0	#12 Symbiotic	2	(bad comp)
0097.YYHer	10	2:12	18:14:34	20:59:19	300	90	3.0	#12 Symbiotic	4	
0098.YYHer	300	2:12	18:14:34	20:59:19	300	90	3.0	#12 Symbiotic	4	
0099.COMP	5	2:12	18:14:34	20:59:19	300	90	3.0	#12 Symbiotic	4	
0100.S149	30	2:12	18:18:56	27:26:27	300	90	3.0	#12 Symbiotic	4	
0101.S149	300	2:12	18:18:56	27:26:27	300	90	3.0	#12 Symbiotic	4	
0102.COMP	5	2:12	18:18:56	27:26:27	300	90	3.0	#12 Symbiotic	4	
0103.V443Her	5	2:12	18:22:07	23:27:20	300	90	3.0	#12 Symbiotic	4	
0104.V443Her	300	2:12	18:22:07	23:27:20	300	90	3.0	#12 Symbiotic	4	
0105.COMP	5	2:12	18:22:07	23:27:20	300	90	3.0	#12 Symbiotic	4	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0106.RJ105	600	2:12	18:35:02	01:46:55	300	90	3.0	#12 Symbiotic	2	
0107.COMP	12	2:12	18:35:02	01:46:55	300	90	3.0	#12 Symbiotic	2	
0108.DQSer	60	2:12	18:44:40	05:02:49	300	90	3.0	#12 Symbiotic	2	row=83
0109.DQSer	180	2:12	18:44:40	05:02:49	300	90	3.0	#12 Symbiotic	2	
0110.DQSer	720	2:12	18:44:40	05:02:49	300	90	3.0	#12 Symbiotic	2	
0111.COMP	12	2:12	18:44:40	05:02:49	300	90	3.0	#12 Symbiotic	2	
0112.V1413Aql	30	2:12	19:03:47	16:26:17	300	90	3.0	#12 Symbiotic	2	
0113.V1413Aql	300	2:12	19:03:47	16:26:17	300	90	3.0	#12 Symbiotic	2	
0114.COMP	12	2:12	19:03:47	16:26:17	300	90	3.0	#12 Symbiotic	2	
0115.BFCyg	1	2:12	19:23:53	29:40:27	300	90	3.0	#12 Symbiotic	2	
0116.BFCyg	60	2:12	19:23:53	29:40:27	300	90	3.0	#12 Symbiotic	2	
0117.COMP	12	2:12	19:23:53	29:40:27	300	90	3.0	#12 Symbiotic	2	
0118.CHCyg	1	2:12	19:24:33	50:14:30	300	90	3.0	#12 Symbiotic	2	
0119.CHCyg	5	2:12	19:24:33	50:14:30	300	90	3.0	#12 Symbiotic	2	
0120.CHCyg	30	2:12	19:24:33	50:14:30	300	90	3.0	#12 Symbiotic	2	
0121.COMP	12	2:12	19:24:33	50:14:30	300	90	3.0	#12 Symbiotic	2	
0122.CHCyg	0	2:12	19:24:33	50:14:30	300	90	3.0	#12 Symbiotic	2	
0123.COMP	12	2:12	19:24:33	50:14:30	300	90	3.0	#12 Symbiotic	2	
0124.HMSge	1	2:12	19:41:57	16:44:41	300	90	3.0	#12 Symbiotic	2	
0125.HMSge	10	2:12	19:41:57	16:44:41	300	90	3.0	#12 Symbiotic	2	

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0126.HMSge	2	2:12	19:41:57	16:44:41	300	90	3.0	#12 Symbiotic	2	
0127.HMSge	60	2:12	19:41:57	16:44:41	300	90	3.0	#12 Symbiotic	2	
0128.COMP	12	2:12	19:41:57	16:44:41	300	90	3.0	#12 Symbiotic	2	
0129.AS360	3	2:12	19:45:49	18:36:49	300	90	3.0	#12 Symbiotic	2	
0130.AS360	300	2:12	19:45:49	18:36:49	300	90	3.0	#12 Symbiotic	2	
0131.COMP	12	2:12	19:45:49	18:36:49	300	90	3.0	#12 Symbiotic	2	
0132.AS360	50	2:12	19:45:49	18:36:49	300	90	3.0	#12 Symbiotic	2	
0133.COMP	12	2:12	19:45:49	18:36:49	300	90	3.0	#12 Symbiotic	2	
0134.S169	120	2:12	19:49:57	46:15:20	300	90	3.0	#12 Symbiotic	2	
0135.S169	420	2:12	19:49:57	46:15:20	300	90	3.0	#12 Symbiotic	2	
0136.COMP	12	2:12	19:49:57	46:15:20	300	90	3.0	#12 Symbiotic	2	
0137.CICyg	2	2:12	19:50:12	35:41:02	300	90	3.0	#12 Symbiotic	2	
0138.CICyg	20	2:12	19:50:12	35:41:02	300	90	3.0	#12 Symbiotic	2	
0139.CICyg	60	2:12	19:50:12	35:41:02	300	90	3.0	#12 Symbiotic	2	
0140.COMP	12	2:12	19:50:12	35:41:02	300	90	3.0	#12 Symbiotic	2	
0141.id2861	600	2:12	19:58:42.0	35:24:57	300	90	3.0	#115 PMS NGC68	2	
0142.COMP	12	2:12	19:58:42.0	35:24:57	300	90	3.0	#115 PMS NGC68	2	
0143.id1626	660	2:12	20:06:23.1	35:52:13	300	90	3.0	#115 PMS NGC68	2	
0144.COMP	12	2:12	20:06:23.1	35:52:13	300	90	3.0	#115 PMS NGC68	2	
0145.id1223	1020	2:12	20:07:13.8	35:40:16	300	90	3.0	#115 PMS NGC68	2	

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0146.COMP	12	2:12	20:07:13.8	35:40:16	300	90	3.0	#115 PMS NGC68	2	
0147.id2153	900	2:12	20:05:20.0	35:55:33	300	90	3.0	#115 PMS NGC68	2	
0148.COMP	12	2:12	20:05:20.0	35:55:33	300	90	3.0	#115 PMS NGC68	2	
0149.id2670	780	2:12	19:59:50.7	35:22:34	300	90	3.0	#115 PMS NGC68	2	
0150.COMP	12	2:12	19:59:50.7	35:22:34	300	90	3.0	#115 PMS NGC68	2	
0151.id2823	1080	2:12	19:58:53.6	35:20:12	300	90	3.0	#115 PMS NGC68	2	
0152.COMP	12	2:12	19:58:53.6	35:20:12	300	90	3.0	#115 PMS NGC68	2	
0153.sn2001eh	1200	2:12	01:38:12.1	41:39:18	300	48	3.0	#2 SN Observat	2	
0154.COMP	12	2:12	01:38:12.1	41:39:18	300	48	3.0	#2 SN Observat	2	
0155.ch0101p31b	300	2:12	01:01:45.3	31:53:59	300	89	3.0	#129 CHAMP Sou	2	
0156.COMP	12	2:12	01:01:45.3	31:53:59	300	89	3.0	#129 CHAMP Sou	2	
0157.ch0102p31c	1200	2:12	01:02:06.4	31:43:15	300	89	3.0	#129 CHAMP Sou	2	
0158.COMP	12	2:12	01:02:06.4	31:43:15	300	89	3.0	#129 CHAMP Sou	2	
0159.ch0102p31c	1200	2:12	01:02:06.4	31:43:15	300	89	3.0	#129 CHAMP Sou	2	
0160.COMP	12	2:12	01:02:06.4	31:43:15	300	89	3.0	#129 CHAMP Sou	2	
0161.2M000006.4p531913	180	2:12	00:00:06.4	+53:19:13	300	89	3.0	#68 2Mass Reds	2	row=81
0162.COMP	12	2:12	00:00:06.4	+53:19:13	300	89	3.0	#68 2Mass Reds	2	
0163.2M000141.7p450020	90	2:12	00:01:41.7	+45:00:20	300	89	3.0	#68 2Mass Reds	2	
0164.COMP	12	2:12	00:01:41.7	+45:00:20	300	89	3.0	#68 2Mass Reds	2	
0165.2M000313.3p535215	150	2:12	00:03:13.3	+53:52:15	300	89	3.0	#68 2Mass Reds	2	too faint, get again

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0166.COMP	12	2:12	00:03:13.3	+53:52:15	300	89	3.0	#68 2Mass Reds	2	
0167.2M000313.3p535215	240	2:12	00:03:13.3	+53:52:15	300	89	3.0	#68 2Mass Reds	2	row=81
0168.COMP	12	2:12	00:03:13.3	+53:52:15	300	89	3.0	#68 2Mass Reds	2	
0169.2M000742.3p472047	270	2:12	00:07:42.3	+47:20:47	300	89	3.0	#68 2Mass Reds	2	
0170.COMP	12	2:12	00:07:42.3	+47:20:47	300	89	3.0	#68 2Mass Reds	2	
0171.2M000831.0p530149	300	2:12	00:08:31.0	+53:01:49	300	89	3.0	#68 2Mass Reds	2	row=82
0172.COMP	12	2:12	00:08:31.0	+53:01:49	300	89	3.0	#68 2Mass Reds	2	
0173.2M001038.9p532504	240	2:12	00:10:38.9	+53:25:04	300	89	3.0	#68 2Mass Reds	2	
0174.COMP	12	2:12	00:10:38.9	+53:25:04	300	89	3.0	#68 2Mass Reds	2	
0175.2M001412.5p703644	420	2:12	00:14:12.5	+70:36:44	300	89	3.0	#68 2Mass Reds	2	
0176.COMP	12	2:12	00:14:12.5	+70:36:44	300	89	3.0	#68 2Mass Reds	2	
0177.2M001834.0p535905	180	2:12	00:18:34.0	+53:59:05	300	89	3.0	#68 2Mass Reds	2	
0178.COMP	12	2:12	00:18:34.0	+53:59:05	300	89	3.0	#68 2Mass Reds	2	
0179.a496_476	900	2:12	04:22:45.1	-11:11:13	300	89	3.0	#64 Cluster In	2	
0180.COMP	12	2:12	04:22:45.1	-11:11:13	300	89	3.0	#64 Cluster In	2	
0181.a496_479	540	2:12	04:30:39.7	-12:23:12	300	89	3.0	#64 Cluster In	2	
0182.COMP	12	2:12	04:30:39.7	-12:23:12	300	89	3.0	#64 Cluster In	2	
0183.a496_480	270	2:12	04:40:31.1	-15:10:40	300	89	3.0	#64 Cluster In	2	
0184.COMP	12	2:12	04:40:31.1	-15:10:40	300	89	3.0	#64 Cluster In	2	
0185.BGGem	300	2:12	6:03:31	27:41:50	300	89	3.0	#100 BGGem	2	

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0186.COMP	12	2:12	6:03:31	27:41:50	300	89	3.0	#100 BGGem	2	
0187.BGGem	1200	2:12	6:03:31	27:41:50	300	89	3.0	#100 BGGem	2	
0188.COMP	12	2:12	6:03:31	27:41:50	300	89	3.0	#100 BGGem	2	
0189.sn2001ej	1200	2:12	07:23:43.2	33:26:38	300	101	3.0	#2 SN Observat	2	
0190.COMP	12	2:12	07:23:43.2	33:26:38	300	101	3.0	#2 SN Observat	2	
0191.AXPer	4	2:12	1:36:23	54:15:03	300	90	3.0	#12 Symbiotic	2	
0192.AXPer	30	2:12	1:36:23	54:15:03	300	90	3.0	#12 Symbiotic	2	
0193.AXPer	90	2:12	1:36:23	54:15:03	300	90	3.0	#12 Symbiotic	2	
0194.COMP	12	2:12	1:36:23	54:15:03	300	90	3.0	#12 Symbiotic	2	
0195.EGAnd	0	2:12	0:44:37	40:40:47	300	90	3.0	#12 Symbiotic	2	
0196.COMP	12	2:12	0:44:37	40:40:47	300	90	3.0	#12 Symbiotic	2	
0197.V741Per	20	2:12	1:58:50	52:53:47	300	90	3.0	#12 Symbiotic	2	
0198.COMP	12	2:12	1:58:50	52:53:47	300	90	3.0	#12 Symbiotic	2	
0199.BXMon	15	2:12	7:25:23	-03:35:51	300	90	3.0	#12 Symbiotic	2	
0200.BXMon	180	2:12	7:25:23	-03:35:51	300	90	3.0	#12 Symbiotic	2	
0201.COMP	12	2:12	7:25:23	-03:35:51	300	90	3.0	#12 Symbiotic	2	
0202.S32	120	2:12	4:37:45	-01:19:11	300	90	3.0	#12 Symbiotic	2	
0203.COMP	12	2:12	4:37:45	-01:19:11	300	90	3.0	#12 Symbiotic	2	
0204.S32	45	2:12	4:37:45	-01:19:11	300	90	3.0	#12 Symbiotic	2	
0205.COMP	12	2:12	4:37:45	-01:19:11	300	90	3.0	#12 Symbiotic	2	

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0206-0210.sky	2	12:57	4:37:45	-01:19:11	300	90	3.0	#57 Velocity S	4	
0211.COMP	5	12:57	4:37:45	-01:19:11	300	90	3.0	#57 Velocity S	4	
0212-0221.BIAS	0	13:35	4:37:45	-01:19:11	300	90	3.0	#57 Velocity S	4	
0222-0231.FLAT	6	13:39	4:37:45	-01:19:11	300	90	3.0	#57 Velocity S	4	
0232-0241.BIAS	0	13:42	4:37:45	-01:19:11	300	90	3.0	#57 Velocity S	2	
0242-0251.FLAT	12	13:47	4:37:45	-01:19:11	300	90	3.0	#57 Velocity S	2	
0252-0261.DARK	900	16:06	4:37:45	-01:19:11	300	90	3.0	#57 Velocity S	2	