

UT Date 2004-02-19 Observers M CalkinsColl. Focus 980 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0001.DARK	900	1:00	03:44:10.7	+31:28:59	300	90	3.0	#57 Velocity S	4	
0002.DARK	900	1:15	03:59:21.7	+31:29:03	300	90	3.0	#57 Velocity S	4	
0003.DARK	900	1:30	04:14:29.3	+31:29:07	300	90	3.0	#57 Velocity S	4	
0004.DARK	900	1:45	04:29:39.8	+31:29:12	300	90	3.0	#57 Velocity S	4	
0005-0012.BIAS	0	2:01	04:30:45.2	+31:29:12	300	90	3.0	#57 Velocity S	4	
0013-0014.BIAS	0	2:01	04:31:02.0	+31:29:13	300	90	3.0	#57 Velocity S	4	
0015-0024.FLAT	6	2:04	04:33:41.9	+31:29:13	300	90	3.0	#57 Velocity S	4	
0025-0034.BIAS	0	2:07	04:36:12.7	+31:29:14	300	90	3.0	#57 Velocity S	2	
0035-0042.FLAT	12	2:10	04:40:01.9	+31:29:15	300	90	3.0	#57 Velocity S	2	
0043-0044.FLAT	12	2:11	04:40:53.2	+31:29:16	300	90	3.0	#57 Velocity S	2	
0045.HD19445	5	2:23	03:08:25.6	26:19:51	300	70	3.0	#56 Spectropho	2	
0046.HD19445	5	2:24	03:08:25.6	26:19:51	300	70	3.0	#56 Spectropho	2	
0047.COMP	12	2:24	03:08:25.6	26:19:51	300	70	3.0	#56 Spectropho	2	dome woes
0048.AXPer	4	2:46	1:36:23	54:15:03	300	90	3.0	#12 Symbiotic	2	
0049.AXPer	30	2:47	1:36:23	54:15:03	300	90	3.0	#12 Symbiotic	2	
0050.AXPer	90	2:47	1:36:23	54:15:03	300	90	3.0	#12 Symbiotic	2	
0051.COMP	12	2:49	1:36:23	54:15:03	300	90	3.0	#12 Symbiotic	2	
0052.BGGem	300	2:52	6:03:31	27:41:50	300	90	3.0	#12 Symbiotic	2	
0053.COMP	12	2:57	6:03:31	27:41:50	300	90	3.0	#12 Symbiotic	2	
0054.BGGem	1200	2:58	6:03:31	27:41:50	300	90	3.0	#12 Symbiotic	2	

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0055.COMP	12	3:18	6:03:31	27:41:50	300	90	3.0	#12 Symbiotic	2	
0056.vso-102882	720	3:20	05:45:40.7	+01:21:33	300	70	3.0	#112 Orion PMS	2	Need more counts
0057.COMP	12	3:33	05:45:40.7	+01:21:33	300	70	3.0	#112 Orion PMS	2	
0058.vso-102882	1200	3:33	05:45:40.7	+01:21:33	300	70	3.0	#112 Orion PMS	2	
0059.COMP	12	3:54	05:45:40.7	+01:21:33	300	70	3.0	#112 Orion PMS	2	
0060.NebulaVertex	1200	4:10	5:46:13.2	-00:06:04	300	90	5.0	#112 Orion PMS	2	5 arcsec slit
0061.COMP	20	4:30	5:46:13.2	-00:06:04	300	90	5.0	#112 Orion PMS	2	
0062.NebulaVertex	1200	4:31	5:46:13.2	-00:06:04	300	90	5.0	#112 Orion PMS	2	
0063.COMP	20	4:52	5:46:13.2	-00:06:04	300	90	5.0	#112 Orion PMS	2	
0064.NebulaKnot	1200	4:53	5:46:13.2	-00:06:04	300	90	5.0	#112 Orion PMS	2	
0065.COMP	20	5:13	5:46:13.2	-00:06:04	300	90	5.0	#112 Orion PMS	2	
0066.Hiltner600	40	5:16	06:42:37.2	02:11:25	300	90	5.0	#56 Spectropho	2	
0067.COMP	20	5:17	06:42:37.2	02:11:25	300	90	5.0	#56 Spectropho	2	
0068-0077.FLAT	6	5:29	06:42:37.2	02:11:25	300	90	5.0	#112 Orion PMS	2	
0078.vso-103258	900	5:37	05:45:50.4	+01:13:49	300	90	3.0	#112 Orion PMS	2	combo setup, terrible seeing
0079.COMP	12	5:52	05:45:50.4	+01:13:49	300	90	3.0	#112 Orion PMS	2	
0080.vso-104763	1200	5:53	05:46:42.3	+01:11:51	300	90	3.0	#112 Orion PMS	2	
0081.COMP	12	6:14	05:46:42.3	+01:11:51	300	90	3.0	#112 Orion PMS	2	
0082.vso-104763	1200	6:14	05:46:42.3	+01:11:51	300	90	3.0	#112 Orion PMS	2	
0083.COMP	12	6:35	05:46:42.3	+01:11:51	300	90	3.0	#112 Orion PMS	2	

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0084.TXCVn	15	12:01	12:44:42	36:45:48	300	90	3.0	#12 Symbiotic	2	
0085.TXCVn	45	12:02	12:44:42	36:45:48	300	90	3.0	#12 Symbiotic	2	
0086.COMP	12	12:03	12:44:42	36:45:48	300	90	3.0	#12 Symbiotic	2	
0087.RWHya	5	12:05	13:34:18	-25:22:51	300	90	3.0	#12 Symbiotic	2	
0088.RWHya	20	12:06	13:34:18	-25:22:51	300	90	3.0	#12 Symbiotic	2	
0089.RWHya	35	12:06	13:34:18	-25:22:51	300	90	3.0	#12 Symbiotic	2	
0090.COMP	12	12:07	13:34:18	-25:22:51	300	90	3.0	#12 Symbiotic	2	
0091.cairnsk5_043	600	12:10	12:38:51.7	25:5:15	300	90	3.0	#64 Cluster In	2	h alpha...
0092.COMP	12	12:20	12:38:51.7	25:5:15	300	90	3.0	#64 Cluster In	2	
0093.cairnsk5_044	1200	12:23	13:8:56.5	24:29:52	300	70	3.0	#64 Cluster In	2	clouds...
0094.COMP	12	12:43	13:8:56.5	24:29:52	300	70	3.0	#64 Cluster In	2	
0095.cairnsk5_044	1200	12:44	13:8:56.5	24:29:52	300	70	3.0	#64 Cluster In	2	
0096.COMP	12	13:04	13:8:56.5	24:29:52	300	70	3.0	#64 Cluster In	2	
0097.BDp332642	70	13:10	15:50:03.0	33:05:49	300	90	3.0	#56 Spectropho	2	
0098.BDp332642	70	13:11	15:50:03.0	33:05:49	300	90	3.0	#56 Spectropho	2	
0099.COMP	12	13:13	15:50:03.0	33:05:49	300	90	3.0	#56 Spectropho	2	
0100-0109.BIAS	0	13:24	15:50:03.0	33:05:49	300	90	3.0	#113 Interacti	4	
0110-0119.FLAT	6	13:27	15:50:03.0	33:05:49	300	90	3.0	#113 Interacti	4	
0120-0129.BIAS	0	13:29	15:50:03.0	33:05:49	300	90	3.0	#113 Interacti	2	
0130-0139.FLAT	12	13:33	15:50:03.0	33:05:49	300	90	3.0	#113 Interacti	2	



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0140-0149.DARK	900	15:51	15:50:03.0	33:05:49	300	90	3.0	#113 Interacti	2	