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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001.BIAS	0	00:42	02:30:00.0	+32:00:00	300	90	3.0	#57 Velocity S	2	start of FAST run
0002-0010.BIAS	0	00:44	02:30:00.0	+32:00:00	300	90	3.0	#57 Velocity S	2	
0011-0025.FLAT	25	00:53	02:30:00.0	+32:00:00	300	90	3.0	#57 Velocity S	2	
0026.sky	3	01:15	03:05:00.0	+32:00:00	300	90	3.0	#57 Velocity S	2	cirrus all over
0027-0030.sky	3	01:16	03:05:00.0	+32:00:00	300	90	3.0	#57 Velocity S	2	
0031.COMP	10	01:17	03:05:00.0	+32:00:00	300	90	3.0	#57 Velocity S	2	
0032.EGAnd	5	01:49	00:44:37.0	+40:40:47	300	90	3.0	#12 Symbiotic	2	
0033.EGAnd	5	01:49	00:44:37.0	+40:40:47	300	90	3.0	#12 Symbiotic	2	
0034.EGAnd	15	01:49	00:44:37.0	+40:40:47	300	90	3.0	#12 Symbiotic	2	
0035.COMP	10	01:50	00:44:37.0	+40:40:47	300	90	3.0	#12 Symbiotic	2	
0036.AXPer	5	01:52	01:36:23.0	+54:15:03	300	90	3.0	#12 Symbiotic	2	
0037.AXPer	15	01:52	01:36:23.0	+54:15:03	300	90	3.0	#12 Symbiotic	2	
0038.AXPer	120	01:53	01:36:23.0	+54:15:03	300	90	3.0	#12 Symbiotic	2	
0039.COMP	10	01:55	01:36:23.0	+54:15:03	300	90	3.0	#12 Symbiotic	2	
0040.cvso-080541	600	02:12	05:54:56.8	+03:36:06	300	90	3.0	#112 Orion PMS	2	
0041.COMP	10	02:23	05:54:56.8	+03:36:06	300	90	3.0	#112 Orion PMS	2	
0042.HD44113	5	02:26	06:19:36.6	-11:03:08	300	90	3.0	#99 Other	2	red tilt at 650, central wl 6200
0043.HD44113	15	02:27	06:19:36.6	-11:03:08	300	90	3.0	#99 Other	2	
0044.HD44113	15	02:28	06:19:36.6	-11:03:08	300	90	3.0	#99 Other	2	
0045.COMP	10	02:29	06:19:36.6	-11:03:08	300	90	3.0	#99 Other	2	

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<i>File</i>	<i>Exp Time</i>	<i>UT Start</i>	<i>RA</i>	<i>Dec</i>	<i>Gr.</i>	<i>P.A.</i>	<i>Slit</i>	<i>Program</i>	<i>Bin</i>	<i>Comments</i>
0046.HD44179	15	02:30	06:19:58.2	-10:38:15	300	90	3.0	#99 Other	2	red rectangle
0047.HD44179	15	02:32	06:19:58.2	-10:38:15	300	90	3.0	#99 Other	2	
0048.HD44179	15	02:33	06:19:58.2	-10:38:15	300	90	3.0	#99 Other	2	
0049.HD44179	15	02:33	06:19:58.2	-10:38:15	300	90	3.0	#99 Other	2	
0050.n1	60	02:35	06:19:58.2	-10:38:10	300	90	3.0	#99 Other	2	5-sec north, extended red emission
0051.n1	60	02:36	06:19:58.2	-10:38:10	300	90	3.0	#99 Other	2	
0052.n2	120	02:37	06:19:58.2	-10:38:05	300	90	3.0	#99 Other	2	10-sec north
0053.n2	120	02:40	06:19:58.2	-10:38:05	300	90	3.0	#99 Other	2	
0054.COMP	10	02:42	06:19:58.2	-10:38:05	300	90	3.0	#99 Other	2	
0055.FLAT	25	02:44	05:00:00.0	+32:00:00	300	90	3.0	#99 Other	2	tilt 650
0056-0059.FLAT	25	02:46	05:00:00.0	+32:00:00	300	90	3.0	#99 Other	2	
0060.test	5	02:48	05:00:00.0	+32:00:00	300	90	3.0	#99 Other	2	tilt 600 combo
0061.cvso-075590	600	02:50	05:55:03.3	+02:45:26	300	90	3.0	#112 Orion PMS	2	
0062.COMP	10	03:01	05:55:03.3	+02:45:26	300	90	3.0	#112 Orion PMS	2	
0063.sn2007U	1800	03:04	05:05:07.1	-18:59:20	300	0	3.0	#2 SN Observat	2	
0064.COMP	10	03:35	05:05:07.1	-18:59:20	300	0	3.0	#2 SN Observat	2	
0065.Ark120	480	03:37	05:16:11.5	-00:09:01	300	6	3.0	#147 AGN Solut	2	
0066.Ark120	480	03:46	05:16:11.5	-00:09:01	300	9	3.0	#147 AGN Solut	2	
0067.COMP	10	03:54	05:16:11.5	-00:09:01	300	9	3.0	#147 AGN Solut	2	
0068.cvso-073154	240	03:57	05:55:03.8	+01:54:25	300	90	3.0	#112 Orion PMS	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0069.COMP	10	04:01	05:55:03.8	+01:54:25	300	90	3.0	#112 Orion PMS	2	
0070.cvso-080743	660	04:02	05:55:09.3	+03:37:23	300	90	3.0	#112 Orion PMS	2	
0071.COMP	10	04:13	05:55:09.3	+03:37:23	300	90	3.0	#112 Orion PMS	2	
0072.cvso-075696	720	04:14	05:55:10.0	+02:33:27	300	90	3.0	#112 Orion PMS	2	
0073.COMP	10	04:27	05:55:10.0	+02:33:27	300	90	3.0	#112 Orion PMS	2	
0074.FLAT	25	04:28	06:30:00.0	+25:00:00	300	90	3.0	#112 Orion PMS	2	combo
0075-0078.FLAT	25	04:30	06:30:00.0	+25:00:00	300	90	3.0	#112 Orion PMS	2	
0079.HD44113	15	04:33	06:19:36.6	-11:03:08	300	90	3.0	#99 Other	2	red tilt 650
0080.HD44113	15	04:34	06:19:36.6	-11:03:08	300	90	3.0	#99 Other	2	
0081.HD44113	15	04:34	06:19:36.6	-11:03:08	300	90	3.0	#99 Other	2	
0082.COMP	10	04:35	06:19:36.6	-11:03:08	300	90	3.0	#99 Other	2	
0083.HD44179	15	04:36	06:19:58.2	-10:38:15	300	90	3.0	#99 Other	2	
0084.HD44179	15	04:36	06:19:58.2	-10:38:15	300	90	3.0	#99 Other	2	
0085.HD44179	15	04:37	06:19:58.2	-10:38:15	300	90	3.0	#99 Other	2	
0086.n1	60	04:38	06:19:58.2	-10:38:10	300	90	3.0	#99 Other	2	
0087.n1	60	04:39	06:19:58.2	-10:38:10	300	90	3.0	#99 Other	2	
0088.n2	120	04:41	06:19:58.2	-10:38:05	300	90	3.0	#99 Other	2	
0089.n2	120	04:43	06:19:58.2	-10:38:05	300	90	3.0	#99 Other	2	
0090.COMP	10	04:46	06:19:58.2	-10:38:05	300	90	3.0	#99 Other	2	
0091-0095.FLAT	25	04:49	06:19:58.2	-10:38:05	300	90	3.0	#99 Other	2	

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<i>File</i>	<i>Exp Time</i>	<i>UT Start</i>	<i>RA</i>	<i>Dec</i>	<i>Gr.</i>	<i>P.A.</i>	<i>Slit</i>	<i>Program</i>	<i>Bin</i>	<i>Comments</i>
0096.test	5	04:51	06:45:00.0	+20:00:00	300	90	3.0	#99 Other	2	
0097.Hiltner600	60	04:54	06:45:13.4	+02:08:14	300	0	3.0	#56 Spectropho	2	tilt 600 combo
0098.Hiltner600	60	04:55	06:45:13.4	+02:08:14	300	0	3.0	#56 Spectropho	2	
0099.COMP	10	04:56	06:45:13.4	+02:08:14	300	0	3.0	#56 Spectropho	2	
0100.BXMon	15	04:57	07:25:23.0	-03:35:51	300	0	3.0	#12 Symbiotic	2	
0101.BXMon	120	04:58	07:25:23.0	-03:35:51	300	0	3.0	#12 Symbiotic	2	
0102.COMP	10	05:01	07:25:23.0	-03:35:51	300	0	3.0	#12 Symbiotic	2	
0103.BGGem	360	05:03	06:03:31.0	+27:41:50	300	70	3.0	#12 Symbiotic	2	
0104.COMP	10	05:10	06:03:31.0	+27:41:50	300	70	3.0	#12 Symbiotic	2	
0105.GITau	240	05:11	04:33:34.0	+24:21:18	300	70	3.0	#12 Symbiotic	2	
0106.GKTau	180	05:15	04:33:34.5	+24:21:07	300	70	3.0	#12 Symbiotic	2	
0107.COMP	10	05:19	04:33:34.5	+24:21:07	300	70	3.0	#12 Symbiotic	2	
0108.cvso-080897	900	05:20	05:55:18.5	+04:05:25	300	90	3.0	#112 Orion PMS	2	
0109.COMP	10	05:36	05:55:18.5	+04:05:25	300	90	3.0	#112 Orion PMS	2	
0110.cvso-076171	720	05:37	05:55:40.8	+02:44:38	300	90	3.0	#112 Orion PMS	2	
0111.COMP	10	05:49	05:55:40.8	+02:44:38	300	90	3.0	#112 Orion PMS	2	
0112.cvso-073522	480	05:50	05:55:47.9	+02:12:00	300	90	3.0	#112 Orion PMS	2	
0113.COMP	10	05:58	05:55:47.9	+02:12:00	300	90	3.0	#112 Orion PMS	2	
0114.cvso-076473	600	05:59	05:55:58.3	+02:33:39	300	90	3.0	#112 Orion PMS	2	
0115.COMP	10	06:10	05:55:58.3	+02:33:39	300	90	3.0	#112 Orion PMS	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0116-0120.FLAT	25	06:13	05:55:58.3	+02:33:39	300	90	3.0	#112 Orion PMS	2	
0121.HD44113	15	06:16	06:19:36.6	-11:03:08	300	90	3.0	#99 Other	2	red tilt 650
0122.HD44113	15	06:16	06:19:36.6	-11:03:08	300	90	3.0	#99 Other	2	
0123.HD44113	15	06:17	06:19:36.6	-11:03:08	300	90	3.0	#99 Other	2	
0124.HD44113B	30	06:17	06:19:36.6	-11:03:08	300	90	3.0	#99 Other	2	pa 300, dV 1
0125.HD44113B	30	06:18	06:19:36.6	-11:03:08	300	90	3.0	#99 Other	2	
0126.COMP	10	06:19	06:19:36.6	-11:03:08	300	90	3.0	#99 Other	2	
0127.HD44179	15	06:20	06:19:58.2	-10:38:15	300	90	3.0	#99 Other	2	
0128.HD44179	15	06:21	06:19:58.2	-10:38:15	300	90	3.0	#99 Other	2	
0129.HD44179	15	06:21	06:19:58.2	-10:38:15	300	90	3.0	#99 Other	2	
0130.n1	60	06:22	06:19:58.2	-10:38:10	300	90	3.0	#99 Other	2	
0131.n1	60	06:23	06:19:58.2	-10:38:10	300	90	3.0	#99 Other	2	
0132.n2	120	06:25	06:19:58.2	-10:38:05	300	90	3.0	#99 Other	2	
0133.n2	120	06:27	06:19:58.2	-10:38:05	300	90	3.0	#99 Other	2	
0134.COMP	10	06:29	06:19:58.2	-10:38:05	300	90	3.0	#99 Other	2	
0135-0139.FLAT	25	06:32	06:19:58.2	-10:38:05	300	90	3.0	#99 Other	2	
0140.test	5	06:35	08:30:00.0	+30:00:00	300	90	3.0	#99 Other	2	
0141.test	5	06:36	08:30:00.0	+30:00:00	300	90	3.0	#99 Other	2	
0142.cvso-092026	270	06:39	06:07:33.7	+02:02:33	300	90	3.0	#112 Orion PMS	2	tilt 600 combo
0143.COMP	10	06:44	06:07:33.7	+02:02:33	300	90	3.0	#112 Orion PMS	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0144.cvso-092170	360	06:47	06:07:38.6	+01:51:46	300	90	3.0	#112 Orion PMS	2	
0145.COMP	10	06:54	06:07:38.6	+01:51:46	300	90	3.0	#112 Orion PMS	2	
0146.cvso-092220	360	06:55	06:07:40.3	+01:46:50	300	90	3.0	#112 Orion PMS	2	
0147.COMP	10	07:02	06:07:40.3	+01:46:50	300	90	3.0	#112 Orion PMS	2	
0148.cvso-092258	360	07:03	06:07:41.4	+02:15:10	300	90	3.0	#112 Orion PMS	2	
0149.COMP	10	07:09	06:07:41.4	+02:15:10	300	90	3.0	#112 Orion PMS	2	
0150.cvso-092648	600	07:11	06:07:54.1	+01:56:22	300	90	3.0	#112 Orion PMS	2	
0151.COMP	10	07:22	06:07:54.1	+01:56:22	300	90	3.0	#112 Orion PMS	2	
0152-0156.FLAT	25	07:25	09:30:00.0	+20:00:00	300	90	3.0	#112 Orion PMS	2	
0157.HD44113	15	07:29	06:19:36.6	-11:03:08	300	90	3.0	#99 Other	2	red tilt 650
0158.HD44113	15	07:29	06:19:36.6	-11:03:08	300	90	3.0	#99 Other	2	
0159.HD44113	15	07:29	06:19:36.6	-11:03:08	300	90	3.0	#99 Other	2	
0160.COMP	10	07:30	06:19:36.6	-11:03:08	300	90	3.0	#99 Other	2	
0161.HD44179	15	07:31	06:19:58.2	-10:38:15	300	90	3.0	#99 Other	2	
0162.HD44179	15	07:31	06:19:58.2	-10:38:15	300	90	3.0	#99 Other	2	
0163.HD44179	15	07:32	06:19:58.2	-10:38:15	300	90	3.0	#99 Other	2	
0164.n1	60	07:33	06:19:58.2	-10:38:10	300	90	3.0	#99 Other	2	
0165.n1	60	07:34	06:19:58.2	-10:38:10	300	90	3.0	#99 Other	2	
0166.n2	120	07:35	06:19:58.2	-10:38:05	300	90	3.0	#99 Other	2	
0167.n2	120	07:38	06:19:58.2	-10:38:05	300	90	3.0	#99 Other	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0168.COMP	10	07:40	06:19:58.2	-10:38:05	300	90	3.0	#99 Other	2	
0169-0173.FLAT	25	07:43	06:19:58.2	-10:38:05	300	90	3.0	#99 Other	2	
0174.test	5	07:46	09:45:00.0	+32:00:00	300	90	3.0	#99 Other	2	
0175.HD84937	5	07:49	09:48:54.9	+13:45:14	300	0	3.0	#56 Spectropho	2	tilt 600 combo
0176.HD84937	15	07:50	09:48:54.9	+13:45:14	300	0	3.0	#56 Spectropho	2	
0177.HD84937	15	07:50	09:48:54.9	+13:45:14	300	0	3.0	#56 Spectropho	2	
0178.HD84937	15	07:51	09:48:54.9	+13:45:14	300	0	3.0	#56 Spectropho	2	
0179.COMP	10	07:51	09:48:54.9	+13:45:14	300	0	3.0	#56 Spectropho	2	
0180.sn2007S	1800	07:52	10:00:31.3	+04:24:26	300	0	3.0	#2 SN Observat	2	bright moon, thin clouds
0181.COMP	10	08:23	10:00:31.3	+04:24:26	300	0	3.0	#2 SN Observat	2	
0182.Feige34	180	08:27	10:39:36.9	+43:06:11	300	90	3.0	#56 Spectropho	2	
0183.Feige34	180	08:31	10:39:36.9	+43:06:11	300	90	3.0	#56 Spectropho	2	
0184.COMP	10	08:34	10:39:36.9	+43:06:11	300	90	3.0	#56 Spectropho	2	
0185-0189.FLAT	25	08:38	10:39:36.9	+43:06:11	300	90	3.0	#56 Spectropho	2	
0190.Feige34	180	08:46	10:39:36.9	+43:06:11	600	90	2.0	#166 Hyper Vel	4	600-line, 2-sec, Warren
0191.COMP	10	08:50	10:39:36.9	+43:06:11	600	90	2.0	#166 Hyper Vel	4	
0192.bcand263	1260	08:51	11:38:11.4	+26:44:42	600	90	2.0	#166 Hyper Vel	4	
0193.COMP	10	09:16	11:38:11.4	+26:44:42	600	90	2.0	#166 Hyper Vel	4	pause to look for grb
0194.bcand264	1800	09:26	11:40:32.4	+25:57:21	600	90	2.0	#166 Hyper Vel	4	
0195.COMP	10	09:57	11:40:32.4	+25:57:21	600	90	2.0	#166 Hyper Vel	4	

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0196.bcand266	1200	09:58	11:53:15.1	+17:06:58	600	90	2.0	#166 Hyper Vel	4	
0197.COMP	10	10:19	11:53:15.1	+17:06:58	600	90	2.0	#166 Hyper Vel	4	
0198.bcand272	1200	10:22	12:43:50.9	+28:42:36	600	90	2.0	#166 Hyper Vel	4	
0199.COMP	10	10:42	12:43:50.9	+28:42:36	600	90	2.0	#166 Hyper Vel	4	
0200.bcand273	1200	10:43	12:59:26.0	+27:21:23	600	90	2.0	#166 Hyper Vel	4	
0201.COMP	10	11:04	12:59:26.0	+27:21:23	600	90	2.0	#166 Hyper Vel	4	
0202.bcand274	1500	11:06	12:01:04.3	+22:52:49	600	90	2.0	#166 Hyper Vel	4	
0203.COMP	10	11:31	12:01:04.3	+22:52:49	600	90	2.0	#166 Hyper Vel	4	stopped by clouds
0204-0213.BIAS	0	12:12	12:42:19.7	+27:27:56	600	90	2.0	#56 Spectropho	4	
0214-0223.FLAT	45	12:20	12:42:19.7	+27:27:56	600	90	2.0	#56 Spectropho	4	
0224-0233.BIAS	0	12:23	12:42:19.7	+27:27:56	600	90	2.0	#56 Spectropho	2	
0234-0243.DARK	900	15:04	12:42:19.7	+27:27:56	600	90	2.0	#56 Spectropho	4	
0244-0253.DARK	900	17:37	12:42:19.7	+27:27:56	600	90	2.0	#56 Spectropho	2	

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<i>File</i>	<i>Exp Time</i>	<i>UT Start</i>	<i>RA</i>	<i>Dec</i>	<i>Gr.</i>	<i>P.A.</i>	<i>Slit</i>	<i>Program</i>	<i>Bin</i>	<i>Comments</i>
0001-0010.BIAS	0	23:38	12:42:19.7	+27:27:56	300	90	3.0	#56 Spectropho	2	
0011-0025.FLAT	25	23:48	12:42:19.7	+27:27:56	300	90	3.0	#56 Spectropho	2	
0026-0029.DARK	900	00:47	12:42:19.7	+27:27:56	300	90	3.0	#56 Spectropho	2	
0030-0034.sky	3	01:16	03:05:00.0	+32:00:00	300	90	3.0	#57 Velocity S	2	
0035.COMP	10	01:17	03:05:00.0	+32:00:00	300	90	3.0	#57 Velocity S	2	
0036.HD12623	5	01:47	02:02:19.0	+62:56:04	300	90	3.0	#57 Velocity S	2	
0037.HD12623	5	01:47	02:02:19.0	+62:56:04	300	90	3.0	#57 Velocity S	2	
0038.HD12623	5	01:48	02:02:19.0	+62:56:04	300	90	3.0	#57 Velocity S	2	
0039.COMP	10	01:48	02:02:19.0	+62:56:04	300	90	3.0	#57 Velocity S	2	
0040.LSIp61303	30	01:51	02:40:31.7	+61:13:46	300	90	3.0	#6 AGN Monitor	2	
0041.LSIp61303	30	01:52	02:40:31.7	+61:13:46	300	90	3.0	#6 AGN Monitor	2	
0042.LSIp61303	30	01:52	02:40:31.7	+61:13:46	300	90	3.0	#6 AGN Monitor	2	
0043.COMP	10	01:53	02:40:31.7	+61:13:46	300	90	3.0	#6 AGN Monitor	2	
0044.LH98_184	30	01:55	05:21:46.8	+24:00:44	300	90	3.0	#164 Nearby Yo	2	
0045.LH98_184	30	01:56	05:21:46.8	+24:00:44	300	90	3.0	#164 Nearby Yo	2	
0046.COMP	10	01:57	05:21:46.8	+24:00:44	300	90	3.0	#164 Nearby Yo	2	
0047.LH98_204	5	01:58	05:31:04.4	+23:12:35	300	90	3.0	#164 Nearby Yo	2	
0048.LH98_204	5	01:58	05:31:04.4	+23:12:35	300	90	3.0	#164 Nearby Yo	2	
0049.COMP	10	01:59	05:31:04.4	+23:12:35	300	90	3.0	#164 Nearby Yo	2	
0050.LH98_213	5	02:00	05:36:51.7	+23:26:05	300	90	3.0	#164 Nearby Yo	2	

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0051.LH98_213	5	02:01	05:36:51.7	+23:26:05	300	90	3.0	#164 Nearby Yo	2	
0052.COMP	10	02:01	05:36:51.7	+23:26:05	300	90	3.0	#164 Nearby Yo	2	
0053.HD_36546A	4	02:02	05:33:30.8	+24:37:44	300	90	3.0	#164 Nearby Yo	2	
0054.HD_36546A	4	02:03	05:33:30.8	+24:37:44	300	90	3.0	#164 Nearby Yo	2	
0055.COMP	10	02:03	05:33:30.8	+24:37:44	300	90	3.0	#164 Nearby Yo	2	
0056.118_TauA	1	02:04	05:29:16.5	+25:08:57	300	90	3.0	#164 Nearby Yo	2	
0057.118_TauA	1	02:05	05:29:16.5	+25:08:57	300	90	3.0	#164 Nearby Yo	2	
0058.118_TauB	2	02:05	05:29:16.3	+25:08:57	300	90	3.0	#164 Nearby Yo	2	
0059.118_TauB	2	02:05	05:29:16.3	+25:08:57	300	90	3.0	#164 Nearby Yo	2	
0060.COMP	10	02:06	05:29:16.3	+25:08:57	300	90	3.0	#164 Nearby Yo	2	
0061.LH98_219A	30	02:07	05:39:30.9	+23:06:33	300	90	3.0	#164 Nearby Yo	2	
0062.LH98_219A	30	02:08	05:39:30.9	+23:06:33	300	90	3.0	#164 Nearby Yo	2	
0063.LH98_219B	60	02:10	05:39:30.9	+23:06:33	300	90	3.0	#164 Nearby Yo	2	this is a heavy blend with A
0064.LH98_219B	60	02:11	05:39:30.9	+23:06:33	300	90	3.0	#164 Nearby Yo	2	
0065.COMP	10	02:12	05:39:30.9	+23:06:33	300	90	3.0	#164 Nearby Yo	2	
0066.LH98_219C	240	02:13	05:39:32.4	+23:06:39	300	90	3.0	#164 Nearby Yo	2	
0067.COMP	10	02:18	05:39:32.4	+23:06:39	300	90	3.0	#164 Nearby Yo	2	
0068.LH98_219D	240	02:18	05:39:30.4	+23:06:12	300	90	3.0	#164 Nearby Yo	2	
0069.COMP	10	02:23	05:39:30.4	+23:06:12	300	90	3.0	#164 Nearby Yo	2	
0070.HD_36546B	240	02:24	05:33:30.1	+24:37:16	300	90	3.0	#164 Nearby Yo	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0071.COMP	10	02:28	05:33:30.1	+24:37:16	300	90	3.0	#164 Nearby Yo	2	
0072.LH98_201	300	02:29	05:29:42.5	+23:34:11	300	90	3.0	#164 Nearby Yo	2	
0073.COMP	10	02:34	05:29:42.5	+23:34:11	300	90	3.0	#164 Nearby Yo	2	
0074.2U_39275516	900	02:35	05:41:09.8	+21:18:33	300	90	3.0	#164 Nearby Yo	2	
0075.COMP	10	02:50	05:41:09.8	+21:18:33	300	90	3.0	#164 Nearby Yo	2	
0076.2U_39448585	720	02:51	05:42:57.5	+21:39:42	300	90	3.0	#164 Nearby Yo	2	
0077.COMP	10	03:04	05:42:57.5	+21:39:42	300	90	3.0	#164 Nearby Yo	2	
0078.LH98_188A	120	03:05	05:23:54.6	+25:30:48	300	90	3.0	#164 Nearby Yo	2	
0079.LH98_188B	360	03:08	05:23:54.8	+25:30:45	300	90	3.0	#164 Nearby Yo	2	
0080.COMP	10	03:14	05:23:54.8	+25:30:45	300	90	3.0	#164 Nearby Yo	2	
0081.03474284+3259027	1800	03:16	03:47:42.8	+32:59:03	300	90	3.0	#141 Mapping t	2	good h-alpha em at pix 2201
0082.COMP	10	03:47	03:47:42.8	+32:59:03	300	90	3.0	#141 Mapping t	2	redo from 12-23-06
0083.04500735+3026448	1800	03:48	04:50:07.4	+30:26:45	300	90	3.0	#141 Mapping t	2	ok
0084.COMP	10	04:19	04:50:07.4	+30:26:45	300	90	3.0	#141 Mapping t	2	redo from 12-24-06
0085.05030969+3054544	1759	04:21	05:03:09.7	+30:54:54	300	0	3.0	#141 Mapping t	2	good em at pix 2424, nice little rotation curve
0086.COMP	10	04:51	05:03:09.7	+30:54:54	300	0	3.0	#141 Mapping t	2	redo from 1-9-07
0087.04384462+5635266	600	04:54	04:38:44.6	+56:35:27	300	90	3.0	#141 Mapping t	2	
0088.COMP	10	05:04	04:38:44.6	+56:35:27	300	90	3.0	#141 Mapping t	2	
0089.04410097+3710403	900	05:06	04:41:01.0	+37:10:40	300	90	3.0	#141 Mapping t	2	
0090.COMP	10	05:21	04:41:01.0	+37:10:40	300	90	3.0	#141 Mapping t	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0091.04352280+3355100	900	05:22	04:35:22.8	+33:55:10	300	90	3.0	#141 Mapping t	2	
0092.COMP	10	05:38	04:35:22.8	+33:55:10	300	90	3.0	#141 Mapping t	2	
0093.04521604+3516428	900	05:39	04:52:16.0	+35:16:43	300	90	3.0	#141 Mapping t	2	
0094.COMP	10	05:54	04:52:16.0	+35:16:43	300	90	3.0	#141 Mapping t	2	
0095.04440999+5946298	900	05:56	04:44:10.0	+59:46:30	300	90	3.0	#141 Mapping t	2	
0096.COMP	10	06:11	04:44:10.0	+59:46:30	300	90	3.0	#141 Mapping t	2	
0097.04540024+5651459	720	06:12	04:54:00.2	+56:51:46	300	90	3.0	#141 Mapping t	2	
0098.COMP	10	06:25	04:54:00.2	+56:51:46	300	90	3.0	#141 Mapping t	2	
0099.05152088+4803052	1200	06:26	05:15:20.9	+48:03:05	300	90	3.0	#141 Mapping t	2	
0100.COMP	10	06:46	05:15:20.9	+48:03:05	300	90	3.0	#141 Mapping t	2	
0101.sn2007S	1200	06:51	10:00:31.3	+04:24:26	300	-25	3.0	#2 SN Observat	2	
0102.COMP	10	07:12	10:00:31.3	+04:24:26	300	-25	3.0	#2 SN Observat	2	
0103.06475760+3137423	480	07:16	06:47:57.6	+31:37:42	300	90	3.0	#141 Mapping t	2	
0104.COMP	10	07:24	06:47:57.6	+31:37:42	300	90	3.0	#141 Mapping t	2	
0105.06475357+7921145	300	07:26	06:47:53.6	+79:21:14	300	90	3.0	#141 Mapping t	2	
0106.COMP	10	07:31	06:47:53.6	+79:21:14	300	90	3.0	#141 Mapping t	2	
0107.06494892+6536346	240	07:32	06:49:48.9	+65:36:35	300	90	3.0	#141 Mapping t	2	
0108.COMP	10	07:37	06:49:48.9	+65:36:35	300	90	3.0	#141 Mapping t	2	
0109.06532588+6255595	330	07:38	06:53:25.9	+62:56:00	300	90	3.0	#141 Mapping t	2	
0110.COMP	10	07:43	06:53:25.9	+62:56:00	300	90	3.0	#141 Mapping t	2	

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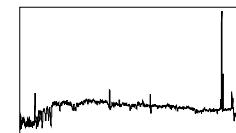
<i>File</i>	<i>Exp Time</i>	<i>UT Start</i>	<i>RA</i>	<i>Dec</i>	<i>Gr.</i>	<i>P.A.</i>	<i>Slit</i>	<i>Program</i>	<i>Bin</i>	<i>Comments</i>
0111.07005497+6315522	300	07:44	07:00:55.0	+63:15:52	300	90	3.0	#141 Mapping t	2	
0112.COMP	10	07:50	07:00:55.0	+63:15:52	300	90	3.0	#141 Mapping t	2	
0113.07085054+6426057	300	07:51	07:08:50.5	+64:26:06	300	90	3.0	#141 Mapping t	2	
0114.COMP	10	07:56	07:08:50.5	+64:26:06	300	90	3.0	#141 Mapping t	2	
0115.06572356+5926387	360	07:57	06:57:23.6	+59:26:39	300	90	3.0	#141 Mapping t	2	
0116.COMP	10	08:03	06:57:23.6	+59:26:39	300	90	3.0	#141 Mapping t	2	
0117.06554997+5121055	360	08:05	06:55:50.0	+51:21:05	300	101	3.0	#141 Mapping t	2	
0118.COMP	10	08:11	06:55:50.0	+51:21:05	300	101	3.0	#141 Mapping t	2	
0119.07012596+5257014	300	08:12	07:01:26.0	+52:57:01	300	90	3.0	#141 Mapping t	2	
0120.COMP	10	08:17	07:01:26.0	+52:57:01	300	90	3.0	#141 Mapping t	2	
0121.06553089+4652123	360	08:18	06:55:30.9	+46:52:12	300	90	3.0	#141 Mapping t	2	
0122.COMP	10	08:25	06:55:30.9	+46:52:12	300	90	3.0	#141 Mapping t	2	
0123.06592417+4220407	360	08:25	06:59:24.2	+42:20:41	300	90	3.0	#141 Mapping t	2	
0124.COMP	10	08:32	06:59:24.2	+42:20:41	300	90	3.0	#141 Mapping t	2	
0125.HD84937	15	08:34	09:48:54.9	+13:45:14	300	90	3.0	#56 Spectropho	2	
0126.HD84937	15	08:35	09:48:54.9	+13:45:14	300	90	3.0	#56 Spectropho	2	
0127.HD84937	15	08:35	09:48:54.9	+13:45:14	300	90	3.0	#56 Spectropho	2	
0128.COMP	10	08:36	09:48:54.9	+13:45:14	300	90	3.0	#56 Spectropho	2	
0129.Feige34	120	08:37	10:39:36.9	+43:06:11	300	90	3.0	#56 Spectropho	2	
0130.Feige34	120	08:40	10:39:36.9	+43:06:11	300	90	3.0	#56 Spectropho	2	

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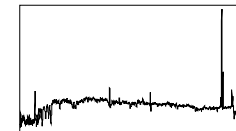
<i>File</i>	<i>Exp Time</i>	<i>UT Start</i>	<i>RA</i>	<i>Dec</i>	<i>Gr.</i>	<i>P.A.</i>	<i>Slit</i>	<i>Program</i>	<i>Bin</i>	<i>Comments</i>
0131.COMP	10	08:42	10:39:36.9	+43:06:11	300	90	3.0	#56 Spectropho	2	
0132.N3227	180	08:43	10:23:30.6	+19:51:54	300	90	3.0	#6 AGN Monitor	2	
0133.N3227	180	08:47	10:23:30.6	+19:51:54	300	90	3.0	#6 AGN Monitor	2	
0134.COMP	10	08:50	10:23:30.6	+19:51:54	300	90	3.0	#6 AGN Monitor	2	
0135.MRK421	240	08:52	11:04:27.4	+38:12:32	300	90	3.0	#6 AGN Monitor	2	
0136.MRK421	240	08:56	11:04:27.4	+38:12:32	300	90	3.0	#6 AGN Monitor	2	
0137.COMP	10	09:00	11:04:27.4	+38:12:32	300	90	3.0	#6 AGN Monitor	2	
0138.N4151	30	09:01	12:10:32.6	+39:24:21	300	90	3.0	#6 AGN Monitor	2	
0139.N4151	30	09:02	12:10:32.6	+39:24:21	300	90	3.0	#6 AGN Monitor	2	
0140.N4151	90	09:03	12:10:32.6	+39:24:21	300	90	3.0	#6 AGN Monitor	2	
0141.COMP	10	09:05	12:10:32.6	+39:24:21	300	90	3.0	#6 AGN Monitor	2	
0142.N4051	180	09:06	12:03:09.7	+44:31:53	300	90	3.0	#6 AGN Monitor	2	
0143.N4051	180	09:09	12:03:09.7	+44:31:53	300	90	3.0	#6 AGN Monitor	2	
0144.COMP	10	09:12	12:03:09.7	+44:31:53	300	90	3.0	#6 AGN Monitor	2	
0145.N4853	300	09:14	12:58:35.1	+27:35:47	300	90	3.0	#57 Velocity S	2	
0146.COMP	10	09:19	12:58:35.1	+27:35:47	300	90	3.0	#57 Velocity S	2	
0147.13354594+4725125	420	09:21	13:35:45.9	+47:25:12	300	90	3.0	#141 Mapping t	2	
0148.COMP	10	09:28	13:35:45.9	+47:25:12	300	90	3.0	#141 Mapping t	2	
0149.fmb152	360	09:29	11:12:01.8	+27:50:54	300	90	3.0	#171f Local Un	2	
0150.COMP	10	09:37	11:12:01.8	+27:50:54	300	90	3.0	#171f Local Un	2	

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0151.fmb153	360	09:37	11:12:03.2	+27:37:50	300	90	3.0	#171f Local Un	2	
0152.COMP	10	09:44	11:12:03.2	+27:37:50	300	90	3.0	#171f Local Un	2	
0153.fmb154	360	09:44	11:12:08.3	+27:34:16	300	90	3.0	#171f Local Un	2	weak, clouds
0154.COMP	10	09:51	11:12:08.3	+27:34:16	300	90	3.0	#171f Local Un	2	
0155.fmb155	600	09:52	11:12:09.5	+27:40:15	300	90	3.0	#171f Local Un	2	
0156.COMP	10	10:02	11:12:09.5	+27:40:15	300	90	3.0	#171f Local Un	2	
0157.fmb156	600	10:13	11:12:10.7	+27:30:26	300	90	3.0	#171f Local Un	2	close, clouds
0158.COMP	10	10:24	11:12:10.7	+27:30:26	300	90	3.0	#171f Local Un	2	
0159.AGDra	2	12:43	16:01:41.0	+66:48:10	300	90	3.0	#12 Symbiotic	2	open again
0160.AGDra	5	12:43	16:01:41.0	+66:48:10	300	90	3.0	#12 Symbiotic	2	
0161.AGDra	30	12:43	16:01:41.0	+66:48:10	300	90	3.0	#12 Symbiotic	2	
0162.COMP	10	12:44	16:01:41.0	+66:48:10	300	90	3.0	#12 Symbiotic	2	
0163.TCrB	15	12:46	15:59:30.0	+25:55:12	300	90	3.0	#12 Symbiotic	2	
0164.TCrB	60	12:46	15:59:30.0	+25:55:12	300	90	3.0	#12 Symbiotic	2	
0165.COMP	10	12:48	15:59:30.0	+25:55:12	300	90	3.0	#12 Symbiotic	2	
0166.N5548	240	12:49	14:17:59.6	+25:08:12	300	90	3.0	#6 AGN Monitor	2	
0167.N5548	240	12:53	14:17:59.6	+25:08:12	300	90	3.0	#6 AGN Monitor	2	
0168.COMP	10	12:58	14:17:59.6	+25:08:12	300	90	3.0	#6 AGN Monitor	2	
0169.sn2007Q	900	12:59	15:13:08.1	+41:15:40	300	90	3.0	#2 SN Observat	2	
0170.COMP	10	13:14	15:13:08.1	+41:15:40	300	90	3.0	#6 AGN Monitor	2	

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0171.TXCVn	30	13:17	12:44:42.0	+36:45:48	300	90	3.0	#12 Symbiotic	2	
0172.TXCVn	30	13:18	12:44:42.0	+36:45:48	300	90	3.0	#12 Symbiotic	2	
0173.COMP	10	13:19	12:44:42.0	+36:45:48	300	90	3.0	#12 Symbiotic	2	
0174-0183.BIAS	0	13:23	12:44:42.0	+36:45:48	300	90	3.0	#56 Spectropho	2	
0184-0198.FLAT	25	13:31	12:44:42.0	+36:45:48	300	90	3.0	#56 Spectropho	2	
0199-0203.DARK	900	14:44	12:44:42.0	+36:45:48	300	90	3.0	#56 Spectropho	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001-0010.BIAS	0	00:04	12:44:42.0	+36:45:48	300	90	3.0	#56 Spectropho	2	
0011-0025.FLAT	25	00:23	12:44:42.0	+36:45:48	300	90	3.0	#56 Spectropho	2	
0026.DARK	900	01:22	12:44:42.0	+36:45:48	300	90	3.0	#56 Spectropho	2	thick clouds at sunset
0027-0030.DARK	900	03:18	12:44:42.0	+36:45:48	300	90	3.0	#56 Spectropho	2	
0031.Akn120	600	03:42	05:13:38.0	-00:12:15	300	22	3.0	#6 AGN Monitor	2	
0032.COMP	10	03:53	05:13:38.0	-00:12:15	300	22	3.0	#6 AGN Monitor	2	
0033.IPHAS_B419	600	03:57	05:37:15.4	+24:49:17	300	90	3.0	#157 IPHAS	2	
0034.COMP	10	04:07	05:37:15.4	+24:49:17	300	90	3.0	#157 IPHAS	2	
0035.IPHAS_B420	1200	04:08	05:38:19.3	+27:27:20	300	90	3.0	#157 IPHAS	2	
0036.COMP	10	04:29	05:38:19.3	+27:27:20	300	90	3.0	#157 IPHAS	2	
0037.IPHAS_B421	900	04:30	05:38:17.9	+31:39:35	300	90	3.0	#157 IPHAS	2	
0038.COMP	10	04:45	05:38:17.9	+31:39:35	300	90	3.0	#157 IPHAS	2	
0039.IPHAS_B422	1200	04:46	05:38:44.3	+26:16:42	300	90	3.0	#157 IPHAS	2	
0040.COMP	10	05:07	05:38:44.3	+26:16:42	300	90	3.0	#157 IPHAS	2	
0041.IPHAS_B423	1200	05:08	05:38:34.3	+22:39:19	300	100	3.0	#157 IPHAS	2	
0042.COMP	10	05:29	05:38:34.3	+22:39:19	300	100	3.0	#157 IPHAS	2	
0043.IPHAS_B426	1200	05:30	05:40:46.0	+30:02:46	300	90	3.0	#157 IPHAS	2	
0044.COMP	10	05:50	05:40:46.0	+30:02:46	300	90	3.0	#157 IPHAS	2	
0045.IPHAS_B428	1200	05:52	05:41:10.9	+30:16:20	300	90	3.0	#157 IPHAS	2	
0046.COMP	10	06:12	05:41:10.9	+30:16:20	300	90	3.0	#157 IPHAS	2	

UT Date 2007-02-10 Observers P BerlindColl. Focus 1320 Grating/Grism 300

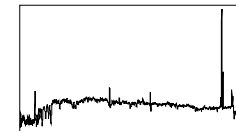
<i>File</i>	<i>Exp Time</i>	<i>UT Start</i>	<i>RA</i>	<i>Dec</i>	<i>Gr.</i>	<i>P.A.</i>	<i>Slit</i>	<i>Program</i>	<i>Bin</i>	<i>Comments</i>
0047.IPHAS_B429	1200	06:13	05:41:22.5	+31:16:13	300	90	3.0	#157 IPHAS	2	
0048.COMP	10	06:34	05:41:22.5	+31:16:13	300	90	3.0	#157 IPHAS	2	
0049.IPHAS_B433	1200	06:37	05:42:23.0	+22:38:02	300	90	3.0	#157 IPHAS	2	
0050.COMP	10	06:58	05:42:23.0	+22:38:02	300	90	3.0	#157 IPHAS	2	
0051.IPHAS_B433b	60	06:59	05:42:21.2	+22:36:47	300	90	3.0	#157 IPHAS	2	
0052.COMP	10	07:00	05:42:21.2	+22:36:47	300	90	3.0	#157 IPHAS	2	
0053.IPHAS_B434	900	07:01	05:46:21.6	+26:27:24	300	90	3.0	#157 IPHAS	2	
0054.COMP	10	07:16	05:46:21.6	+26:27:24	300	90	3.0	#157 IPHAS	2	
0055.sn2007S	1200	07:21	10:00:31.3	+04:24:26	300	-13	3.0	#2 SN Observat	2	off-center so I could use a guide star
0056.COMP	10	07:41	10:00:31.3	+04:24:26	300	-13	3.0	#2 SN Observat	2	
0057.HD84937	10	07:43	09:48:54.9	+13:45:14	300	-6	3.0	#56 Spectropho	2	
0058.HD84937	10	07:44	09:48:54.9	+13:45:14	300	-6	3.0	#56 Spectropho	2	
0059.HD84937	10	07:44	09:48:54.9	+13:45:14	300	-6	3.0	#56 Spectropho	2	
0060.COMP	10	07:44	09:48:54.9	+13:45:14	300	-6	3.0	#56 Spectropho	2	
0061.07020451+3746143	607	07:47	07:02:04.5	+37:46:14	300	90	3.0	#141 Mapping t	2	
0062.COMP	10	07:58	07:02:04.5	+37:46:14	300	90	3.0	#141 Mapping t	2	
0063.07025865+3650257	300	07:58	07:02:58.6	+36:50:26	300	90	3.0	#141 Mapping t	2	
0064.COMP	10	08:04	07:02:58.6	+36:50:26	300	90	3.0	#141 Mapping t	2	
0065.07104970+2207414	300	08:05	07:10:49.7	+22:07:41	300	90	3.0	#141 Mapping t	2	
0066.COMP	10	08:10	07:10:49.7	+22:07:41	300	90	3.0	#141 Mapping t	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0067.07113737+2352093	300	08:11	07:11:37.4	+23:52:09	300	90	3.0	#141 Mapping t	2	
0068.COMP	10	08:16	07:11:37.4	+23:52:09	300	90	3.0	#141 Mapping t	2	
0069.07115852+2354112	300	08:17	07:11:58.5	+23:54:11	300	90	3.0	#141 Mapping t	2	
0070.COMP	10	08:22	07:11:58.5	+23:54:11	300	90	3.0	#141 Mapping t	2	
0071.07120529+2804104	240	08:23	07:12:05.3	+28:04:10	300	90	3.0	#141 Mapping t	2	
0072.COMP	10	08:27	07:12:05.3	+28:04:10	300	90	3.0	#141 Mapping t	2	
0073.08012817+5949191	240	08:31	08:01:28.2	+59:49:19	300	90	3.0	#141 Mapping t	2	
0074.COMP	10	08:35	08:01:28.2	+59:49:19	300	90	3.0	#141 Mapping t	2	
0075.08005651+5630560	240	08:36	08:00:56.5	+56:30:56	300	90	3.0	#141 Mapping t	2	
0076.COMP	10	08:41	08:00:56.5	+56:30:56	300	90	3.0	#141 Mapping t	2	
0077.08003388+5636569	240	08:41	08:00:33.9	+56:36:57	300	90	3.0	#141 Mapping t	2	
0078.COMP	10	08:46	08:00:33.9	+56:36:57	300	90	3.0	#141 Mapping t	2	
0079.08004170+6230169	300	08:47	08:00:41.7	+62:30:17	300	90	3.0	#141 Mapping t	2	
0080.COMP	10	08:52	08:00:41.7	+62:30:17	300	90	3.0	#56 Spectropho	2	
0081.Feige34	120	08:54	10:39:36.9	+43:06:11	300	90	3.0	#56 Spectropho	2	
0082.Feige34	120	08:56	10:39:36.9	+43:06:11	300	90	3.0	#56 Spectropho	2	
0083.COMP	10	08:58	10:39:36.9	+43:06:11	300	90	3.0	#56 Spectropho	2	
0084.sn2007F	1800	09:01	13:03:15.1	+50:37:08	300	57	3.0	#2 SN Observat	2	ok
0085.COMP	10	09:31	13:03:15.1	+50:37:08	300	57	3.0	#2 SN Observat	2	
0086.fmb157	720	09:38	11:12:12.4	+27:28:40	300	90	3.0	#171f Local Un	2	clouds then clear

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0087.COMP	10	09:51	11:12:12.4	+27:28:40	300	90	3.0	#171f Local Un	2	
0088.fmb158	330	09:51	11:12:53.1	+27:29:38	300	90	3.0	#171f Local Un	2	
0089.COMP	10	09:57	11:12:53.1	+27:29:38	300	90	3.0	#171f Local Un	2	
0090.fmb159_160	480	09:58	11:14:12.1	+27:42:44	300	90	3.0	#171f Local Un	2	gal 159 at row 84, gal 160 at row 62
0091.COMP	10	10:07	11:14:12.1	+27:42:44	300	90	3.0	#171f Local Un	2	
0092.fmb161	420	10:08	11:14:29.1	+28:37:28	300	90	3.0	#171f Local Un	2	
0093.COMP	10	10:15	11:14:29.1	+28:37:28	300	90	3.0	#171f Local Un	2	
0094.fmb163	300	10:21	11:15:33.1	+28:33:01	300	90	3.0	#171f Local Un	2	
0095.COMP	10	10:26	11:15:33.1	+28:33:01	300	90	3.0	#171f Local Un	2	
0096.fmb162	900	11:04	11:15:00.1	+28:28:47	300	90	3.0	#171f Local Un	2	
0097.COMP	10	11:20	11:15:00.1	+28:28:47	300	90	3.0	#171f Local Un	2	
0098.fmb164	600	11:21	11:16:23.8	+28:37:35	300	90	3.0	#171f Local Un	2	
0099.COMP	10	11:31	11:16:23.8	+28:37:35	300	90	3.0	#171f Local Un	2	
0100.MRK279	360	11:34	13:51:53.6	+69:33:13	300	90	3.0	#6 AGN Monitor	2	
0101.MRK279	360	11:41	13:51:53.6	+69:33:13	300	90	3.0	#6 AGN Monitor	2	
0102.COMP	10	11:47	13:51:53.6	+69:33:13	300	90	3.0	#57 Velocity S	2	stopped by clouds
0103-0112.BIAS	0	11:51	12:58:35.1	+27:35:47	300	90	3.0	#141 Mapping t	2	
0113-0127.FLAT	25	12:00	12:58:35.1	+27:35:47	300	90	3.0	#141 Mapping t	2	

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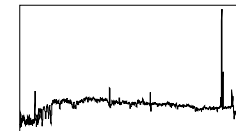
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001-0002.DARK	900	01:38	03:20:19.1	+31:28:09	300	90	3.0	#141 Mapping t	4	
0003-0012.BIAS	0	01:54	03:20:19.1	+31:28:09	300	90	3.0	#141 Mapping t	4	
0013-0022.FLAT	12	01:59	03:20:19.1	+31:28:09	300	90	3.0	#141 Mapping t	4	
0024-0033.BIAS	0	02:16	03:20:19.1	+31:28:09	300	90	3.0	#141 Mapping t	2	
0034-0053.FLAT	25	02:28	03:20:19.1	+31:28:09	300	90	3.0	#141 Mapping t	2	
0054.Hiltner600	90	02:34	06:45:13.4	+02:08:14	300	-35	3.0	#56 Spectropho	2	
0055.COMP	12	02:36	06:45:13.4	+02:08:14	300	-35	3.0	#56 Spectropho	2	
0056.04324194+5925196	1500	03:11	04:32:41.9	+59:25:20	300	90	3.0	#141 Mapping t	2	
0057.COMP	12	03:36	04:32:41.9	+59:25:20	300	90	3.0	#141 Mapping t	2	
0058.cvso-076710	1500	03:48	05:56:13.6	+02:36:30	300	90	3.0	#112 Orion PMS	2	
0059.COMP	12	04:13	05:56:13.6	+02:36:30	300	90	3.0	#112 Orion PMS	2	
0060.cvso-073896	900	04:14	05:56:19.7	+01:53:13	300	90	3.0	#112 Orion PMS	2	
0061.COMP	12	04:30	05:56:19.7	+01:53:13	300	90	3.0	#112 Orion PMS	2	
0062.cvso-074014	1020	04:33	05:56:29.1	+01:59:13	300	90	3.0	#112 Orion PMS	2	clouds, try again...
0063.COMP	12	04:50	05:56:29.1	+01:59:13	300	90	3.0	#112 Orion PMS	2	
0064.4dlxfast002	900	07:37	08:06:10.1	+42:56:41	300	90	3.0	#172 SDSS Clus	2	
0065.COMP	12	07:53	08:06:10.1	+42:56:41	300	90	3.0	#172 SDSS Clus	2	
0066.4dlxfast001	1020	07:56	08:03:05.9	+56:14:10	300	30	3.0	#172 SDSS Clus	2	
0067.COMP	12	08:13	08:03:05.9	+56:14:10	300	30	3.0	#172 SDSS Clus	2	
0068.4dlxfast003	1020	08:15	08:10:10.0	+42:22:18	300	90	3.0	#172 SDSS Clus	2	



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Coll. Focus 1320 Grating/Grism 300

<i>File</i>	<i>Exp Time</i>	<i>UT Start</i>	<i>RA</i>	<i>Dec</i>	<i>Gr.</i>	<i>P.A.</i>	<i>Slit</i>	<i>Program</i>	<i>Bin</i>	<i>Comments</i>
0069.COMP	12	08:33	08:10:10.0	+42:22:18	300	90	3.0	#172 SDSS Clus	2	
0070-0072.DARK	900	11:41	10:00:31.3	+04:24:26	300	90	3.0	#2 SN Observat	4	
0073-0082.BIAS	0	12:07	10:00:31.3	+04:24:26	300	90	3.0	#56 Spectropho	2	
0083-0102.FLAT	25	12:22	10:00:31.3	+04:24:26	300	90	3.0	#56 Spectropho	2	
0103-0112.DARK	900	14:41	10:00:31.3	+04:24:26	300	90	3.0	#56 Spectropho	2	

UT Date 2007-02-12 Observers M CalkinsColl. Focus 1320 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001-0010.DARK	900	02:33	10:00:31.3	+04:24:26	300	90	3.0	#56 Spectropho	4	
0011-0020.BIAS	0	02:50	10:00:31.3	+04:24:26	300	90	3.0	#56 Spectropho	4	
0021-0030.FLAT	12	02:59	10:00:31.3	+04:24:26	300	90	3.0	#56 Spectropho	4	
0031-0040.BIAS	0	03:11	10:00:31.3	+04:24:26	300	90	3.0	#56 Spectropho	2	
0041-0060.FLAT	25	03:30	10:00:31.3	+04:24:26	300	90	3.0	#56 Spectropho	2	
0061.HD84937	23	07:12	09:48:54.9	+13:45:14	300	2	3.0	#56 Spectropho	2	seeing not so good...
0062.HD84937	23	07:12	09:48:54.9	+13:45:14	300	2	3.0	#56 Spectropho	2	
0063.HD84937	23	07:13	09:48:54.9	+13:45:14	300	2	3.0	#56 Spectropho	2	
0064.COMP	12	07:14	09:48:54.9	+13:45:14	300	2	3.0	#56 Spectropho	2	
0065.Feige34	150	07:16	10:39:36.9	+43:06:11	300	2	3.0	#56 Spectropho	2	Not at parallactic!!!
0066.COMP	12	07:19	10:39:36.9	+43:06:11	300	2	3.0	#56 Spectropho	2	
0067.Feige34	240	07:23	10:39:36.9	+43:06:11	300	59	3.0	#56 Spectropho	2	Parallactic
0068.COMP	12	07:27	10:39:36.9	+43:06:11	300	59	3.0	#56 Spectropho	2	
0069.sn2007S	1500	07:40	10:00:31.3	+04:24:26	300	-11	3.0	#2 SN Observat	2	
0070.COMP	12	08:06	10:00:31.3	+04:24:26	300	-11	3.0	#2 SN Observat	2	
0071.4dlxfast004	1200	08:12	08:13:01.2	+54:31:16	300	95	3.0	#172 SDSS Clus	2	
0072.COMP	12	08:33	08:13:01.2	+54:31:16	300	95	3.0	#172 SDSS Clus	2	
0073.4dlxfast005	480	08:35	08:13:59.2	+58:15:02	300	90	3.0	#172 SDSS Clus	2	
0074.COMP	12	08:43	08:13:59.2	+58:15:02	300	90	3.0	#172 SDSS Clus	2	
0075.4dlxfast006	660	08:44	08:14:24.9	+58:17:53	300	90	3.0	#172 SDSS Clus	2	

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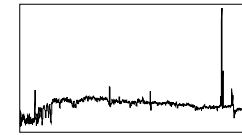
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0076.COMP	12	08:56	08:14:24.9	+58:17:53	300	90	3.0	#172 SDSS Clus	2	
0077.4dlxfast007	360	08:57	08:14:44.8	+58:16:47	300	90	3.0	#172 SDSS Clus	2	
0078.COMP	12	09:04	08:14:44.8	+58:16:47	300	90	3.0	#172 SDSS Clus	2	
0079.4dlxfast008	480	09:05	08:14:47.6	+58:12:32	300	80	3.0	#172 SDSS Clus	2	
0080.COMP	12	09:14	08:14:47.6	+58:12:32	300	80	3.0	#172 SDSS Clus	2	
0081.4dlxfast009	450	09:16	08:14:48.1	+54:56:30	300	90	3.0	#172 SDSS Clus	2	
0082.COMP	12	09:24	08:14:48.1	+54:56:30	300	90	3.0	#172 SDSS Clus	2	
0083.4dlxfast010	300	09:25	08:14:57.1	+58:23:04	300	90	3.0	#172 SDSS Clus	2	need more counts, get again
0084.COMP	12	09:31	08:14:57.1	+58:23:04	300	90	3.0	#172 SDSS Clus	2	
0085.4dlxfast010	420	09:34	08:14:57.1	+58:23:04	300	90	3.0	#172 SDSS Clus	2	
0086.COMP	12	09:42	08:14:57.1	+58:23:04	300	90	3.0	#172 SDSS Clus	2	
0087.4dlxfast042	600	09:48	10:10:16.1	+54:30:07	300	90	3.0	#172 SDSS Clus	2	
0088.COMP	12	09:58	10:10:16.1	+54:30:07	300	90	3.0	#172 SDSS Clus	2	
0089.4dlxfast043	420	10:00	10:13:56.8	+54:34:13	300	90	3.0	#172 SDSS Clus	2	
0090.COMP	12	10:08	10:13:56.8	+54:34:13	300	90	3.0	#172 SDSS Clus	2	
0091.sn2007Q	2100	10:13	15:13:08.1	+41:15:40	300	85	3.0	#2 SN Observat	2	
0092.COMP	12	10:49	15:13:08.1	+41:15:40	300	85	3.0	#2 SN Observat	2	
0093.sn2007C	1800	10:54	13:08:49.3	-06:47:01	300	3	3.0	#2 SN Observat	2	row=75
0094.COMP	12	11:24	13:08:49.3	-06:47:01	300	3	3.0	#2 SN Observat	2	
0095.NGC4151	300	11:28	12:10:32.7	+39:24:20	300	102	3.0	#147 AGN Solut	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0096.NGC4151	300	11:33	12:10:32.7	+39:24:20	300	102	3.0	#147 AGN Solut	2	
0097.COMP	12	11:39	12:10:32.7	+39:24:20	300	102	3.0	#147 AGN Solut	2	
0098.NGC4151	90	11:40	12:10:32.7	+39:24:20	300	102	3.0	#147 AGN Solut	2	
0099.NGC4151	90	11:42	12:10:32.7	+39:24:20	300	102	3.0	#147 AGN Solut	2	
0100.COMP	12	11:44	12:10:32.7	+39:24:20	300	102	3.0	#147 AGN Solut	2	
0101.NGC4151	45	11:44	12:10:32.7	+39:24:20	300	102	3.0	#147 AGN Solut	2	
0102.NGC4151	45	11:45	12:10:32.7	+39:24:20	300	102	3.0	#147 AGN Solut	2	
0103.COMP	12	11:47	12:10:32.7	+39:24:20	300	102	3.0	#147 AGN Solut	2	
0104.3C273	300	11:50	12:29:06.7	+02:03:09	300	25	3.0	#147 AGN Solut	2	
0105.3C273	300	11:55	12:29:06.7	+02:03:09	300	25	3.0	#147 AGN Solut	2	
0106.COMP	12	12:01	12:29:06.7	+02:03:09	300	25	3.0	#147 AGN Solut	2	
0107.HE1228p013	480	12:02	12:30:50.0	+01:15:23	300	33	3.0	#147 AGN Solut	2	
0108.HE1228p013	480	12:11	12:30:50.0	+01:15:23	300	33	3.0	#147 AGN Solut	2	
0109.COMP	12	12:19	12:30:50.0	+01:15:23	300	33	3.0	#147 AGN Solut	2	
0110.Mrk290	600	12:23	15:35:52.4	+57:54:09	300	32	3.0	#147 AGN Solut	2	
0111.Mrk290	600	12:33	15:35:52.4	+57:54:09	300	32	3.0	#147 AGN Solut	2	
0112.COMP	12	12:44	15:35:52.4	+57:54:09	300	32	3.0	#147 AGN Solut	2	
0113.fmb191	1500	12:47	14:51:40.2	+16:14:45	300	90	3.0	#171f Local Un	2	
0114.COMP	12	13:13	14:51:40.2	+16:14:45	300	90	3.0	#171f Local Un	2	
0115.fmb189	240	13:14	13:03:00.9	+28:01:57	300	90	3.0	#171f Local Un	2	

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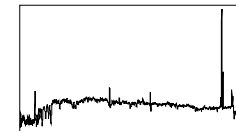
<i>File</i>	<i>Exp Time</i>	<i>UT Start</i>	<i>RA</i>	<i>Dec</i>	<i>Gr.</i>	<i>P.A.</i>	<i>Slit</i>	<i>Program</i>	<i>Bin</i>	<i>Comments</i>
0116.COMP	12	13:19	13:03:00.9	+28:01:57	300	90	3.0	#171f Local Un	2	
0117.N5866	180	13:21	15:05:07.2	+55:57:18	300	90	3.0	#57 Velocity S	2	
0118.COMP	12	13:25	15:05:07.2	+55:57:18	300	90	3.0	#57 Velocity S	2	
0119-0128.BIAS	0	13:34	15:52:00.0	+32:56:54	300	90	3.0	#2 SN Observat	4	
0129-0138.FLAT	12	13:39	15:52:00.0	+32:56:54	300	90	3.0	#2 SN Observat	4	
0139-0148.BIAS	0	13:42	15:52:00.0	+32:56:54	300	90	3.0	#2 SN Observat	2	
0149-0168.FLAT	25	13:55	15:52:00.0	+32:56:54	300	90	3.0	#2 SN Observat	2	
0169-0178.DARK	900	16:14	15:52:00.0	+32:56:54	300	90	3.0	#2 SN Observat	2	

UT Date 2007-02-13 Observers M CalkinsColl. Focus 1320 Grating/Grism 300

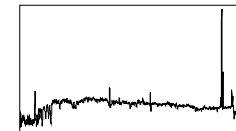
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001-0010.DARK	900	00:52	15:52:00.0	+32:56:54	300	90	3.0	#2 SN Observat	4	
0011-0020.BIAS	0	01:13	15:52:00.0	+32:56:54	300	90	3.0	#2 SN Observat	4	
0021-0030.FLAT	12	01:18	15:52:00.0	+32:56:54	300	90	3.0	#2 SN Observat	4	
0031-0040.BIAS	0	01:24	15:52:00.0	+32:56:54	300	90	3.0	#2 SN Observat	2	
0041-0060.FLAT	25	01:36	15:52:00.0	+32:56:54	300	90	3.0	#2 SN Observat	2	
0061.HD19445	5	02:01	03:08:26.3	+26:20:29	300	90	3.0	#56 Spectropho	4	
0062.HD19445	5	02:01	03:08:26.3	+26:20:29	300	90	3.0	#56 Spectropho	4	
0063.HD19445	5	02:02	03:08:26.3	+26:20:29	300	90	3.0	#56 Spectropho	4	
0064.COMP	5	02:02	03:08:26.3	+26:20:29	300	90	3.0	#56 Spectropho	4	
0065.HD19445	8	02:03	03:08:26.3	+26:20:29	300	65	3.0	#56 Spectropho	2	
0066.HD19445	8	02:04	03:08:26.3	+26:20:29	300	65	3.0	#56 Spectropho	2	
0067.HD19445	8	02:04	03:08:26.3	+26:20:29	300	65	3.0	#56 Spectropho	2	
0068.COMP	12	02:05	03:08:26.3	+26:20:29	300	65	3.0	#56 Spectropho	2	
0069.G191B2B	150	02:08	05:05:30.6	+52:49:57	300	29	3.0	#56 Spectropho	2	not enough counts
0070.COMP	12	02:11	05:05:30.6	+52:49:57	300	29	3.0	#56 Spectropho	2	
0071.G191B2B	300	02:12	05:05:30.6	+52:49:57	300	29	3.0	#56 Spectropho	2	
0072.COMP	12	02:17	05:05:30.6	+52:49:57	300	29	3.0	#56 Spectropho	2	
0073.G191B2B	240	02:19	05:05:30.6	+52:49:57	300	90	3.0	#56 Spectropho	4	
0074.COMP	5	02:24	05:05:30.6	+52:49:57	300	90	3.0	#56 Spectropho	4	
0075.fmf010	1700	02:28	01:24:10.6	+09:00:46	300	90	3.0	#171f Local Un	4	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0076.COMP	5	02:57	01:24:10.6	+09:00:46	300	90	3.0	#171f Local Un	4	
0077.fmf011	900	02:58	01:24:19.8	+08:22:11	300	90	3.0	#171f Local Un	4	
0078.COMP	5	03:14	01:24:19.8	+08:22:11	300	90	3.0	#171f Local Un	4	
0079.fmf043	960	03:18	01:49:57.8	+36:16:24	300	90	3.0	#171f Local Un	4	
0080.COMP	5	03:39	01:49:57.8	+36:16:24	300	90	3.0	#171f Local Un	4	
0081.fmf044	540	03:40	01:50:17.9	+35:30:29	300	90	3.0	#171f Local Un	4	
0082.COMP	5	03:50	01:50:17.9	+35:30:29	300	90	3.0	#171f Local Un	4	
0083.fmfa319	720	03:54	04:21:34.0	+04:28:49	300	90	3.0	#171 Local Uni	4	
0084.COMP	5	04:07	04:21:34.0	+04:28:49	300	90	3.0	#171 Local Uni	4	
0085.fmfa320	420	04:08	04:21:56.7	+04:02:43	300	55	3.0	#171 Local Uni	2	
0086.COMP	12	04:16	04:21:56.7	+04:02:43	300	55	3.0	#171 Local Uni	2	
0087.fmfa321	300	04:19	04:22:17.0	+03:28:47	300	90	3.0	#171 Local Uni	2	
0088.COMP	12	04:25	04:22:17.0	+03:28:47	300	90	3.0	#171 Local Uni	2	
0089.fmfa322	720	04:27	04:22:39.8	+02:39:28	300	90	3.0	#171 Local Uni	2	
0090.COMP	12	04:40	04:22:39.8	+02:39:28	300	90	3.0	#171 Local Uni	2	
0091.fmfa323	1200	04:41	04:22:41.2	+01:40:19	300	90	3.0	#171 Local Uni	2	
0092.COMP	12	05:02	04:22:41.2	+01:40:19	300	90	3.0	#171 Local Uni	2	
0093.cvso-077127	600	05:04	05:56:36.1	+02:27:54	300	90	3.0	#112 Orion PMS	2	
0094.COMP	12	05:14	05:56:36.1	+02:27:54	300	90	3.0	#112 Orion PMS	2	
0095.cvso-074014	480	05:16	05:56:29.1	+01:59:13	300	90	3.0	#112 Orion PMS	2	

UT Date 2007-02-13 Observers M CalkinsColl. Focus 1320 Grating/Grism 300

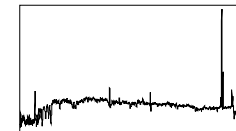
<i>File</i>	<i>Exp Time</i>	<i>UT Start</i>	<i>RA</i>	<i>Dec</i>	<i>Gr.</i>	<i>P.A.</i>	<i>Slit</i>	<i>Program</i>	<i>Bin</i>	<i>Comments</i>
0096.COMP	12	05:26	05:56:29.1	+01:59:13	300	90	3.0	#112 Orion PMS	2	
0097-0106.DARK	900	13:46	11:24:47.8	+31:32:25	300	90	3.0	#112 Orion PMS	2	

UT Date 2007-02-14 Observers W PetersColl. Focus 1320 Grating/Grism 300

<i>File</i>	<i>Exp Time</i>	<i>UT Start</i>	<i>RA</i>	<i>Dec</i>	<i>Gr.</i>	<i>P.A.</i>	<i>Slit</i>	<i>Program</i>	<i>Bin</i>	<i>Comments</i>
0010-0014.DARK	900	01:14	01:54:26.8	+31:27:38	300	90	3.0	#112 Orion PMS	4	
0015-0019.DARK	900	02:30	01:54:26.8	+31:27:38	300	90	3.0	#112 Orion PMS	2	
0020-0029.BIAS	0	02:54	01:54:26.8	+31:27:38	300	90	3.0	#112 Orion PMS	2	
0030-0044.FLAT	25	03:03	01:54:26.8	+31:27:38	300	90	3.0	#112 Orion PMS	2	

UT Date 2007-02-16 Observers W PetersColl. Focus 1320 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001.COMP	10	23:48	02:01:54.7	+31:27:40	300	90	3.0	#112 Orion PMS	2	
0002-0011.BIAS	0	23:54	02:01:54.7	+31:27:40	300	90	3.0	#112 Orion PMS	2	
0012-0025.FLAT	25	00:02	02:01:54.7	+31:27:40	300	90	3.0	#112 Orion PMS	2	
0026.FLAT	25	00:03	02:01:54.7	+31:27:40	300	90	3.0	#112 Orion PMS	2	weather looks good tonight
0027-0029.DARK	900	01:26	02:01:54.7	+31:27:40	300	90	3.0	#112 Orion PMS	4	
0030.BIAS	0	01:48	02:01:54.7	+31:27:40	300	90	3.0	#112 Orion PMS	2	
0031.NGC1700	180	02:20	04:56:58.1	-04:52:23	300	90	3.0	#57 Velocity S	2	
0032.NGC1700	300	02:28	04:56:58.1	-04:52:23	300	90	3.0	#57 Velocity S	2	took twice as long in case too faint
0033.COMP	12	02:34	04:56:58.1	-04:52:23	300	90	3.0	#57 Velocity S	2	
0034.G191B2B	300	02:43	05:05:30.6	+52:49:57	300	90	3.0	#56 Spectropho	2	
0035.COMP	12	02:48	05:05:30.6	+52:49:57	300	90	3.0	#56 Spectropho	2	
0036.G191B2B	300	02:55	05:05:30.6	+52:49:57	300	90	3.0	#56 Spectropho	2	
0037.COMP	12	03:01	05:05:30.6	+52:49:57	300	90	3.0	#56 Spectropho	2	
0038.Akn120	300	03:16	05:13:38.0	-00:12:15	300	5	3.0	#6 AGN Monitor	2	
0039.COMP	12	03:24	05:13:38.0	-00:12:15	300	5	3.0	#6 AGN Monitor	2	
0040.cvso-074230	600	03:43	05:56:45.8	+02:00:42	300	90	3.0	#112 Orion PMS	2	
0041.COMP	12	04:15	05:56:45.8	+02:00:42	300	90	3.0	#112 Orion PMS	2	
0042.Hiltner600	270	05:40	06:45:13.4	+02:08:14	300	25	3.0	#56 Spectropho	2	horrible seeing
0043.COMP	12	05:46	06:45:13.4	+02:08:14	300	25	3.0	#56 Spectropho	2	
0044.Hiltner600	270	06:54	06:45:13.4	+02:08:14	300	25	3.0	#56 Spectropho	2	

UT Date 2007-02-16 Observers W PetersColl. Focus 1320 Grating/Grism 300

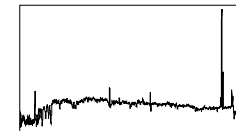
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0045.COMP	12	06:59	06:45:13.4	+02:08:14	300	25	3.0	#56 Spectropho	2	
0046.N3227	150	07:08	10:23:30.6	+19:51:54	300	90	3.0	#6 AGN Monitor	2	
0047.N3227	150	07:12	10:23:30.6	+19:51:54	300	90	3.0	#6 AGN Monitor	2	horrible seeing
0048.COMP	12	07:15	10:23:30.6	+19:51:54	300	90	3.0	#6 AGN Monitor	2	
0049.MRK421	300	07:25	11:04:27.4	+38:12:32	300	90	3.0	#6 AGN Monitor	2	
0050.MRK421	300	07:30	11:04:27.4	+38:12:32	300	90	3.0	#6 AGN Monitor	2	
0051.COMP	12	07:36	11:04:27.4	+38:12:32	300	90	3.0	#6 AGN Monitor	2	
0052.N4051	150	07:46	12:03:09.7	+44:31:53	300	72	3.0	#6 AGN Monitor	2	
0053.N4051	150	07:49	12:03:09.7	+44:31:53	300	72	3.0	#6 AGN Monitor	2	
0054.COMP	12	07:53	12:03:09.7	+44:31:53	300	72	3.0	#6 AGN Monitor	2	
0055.N4151	30	07:56	12:10:32.6	+39:24:21	300	90	3.0	#6 AGN Monitor	2	
0056.N4151	30	07:58	12:10:32.6	+39:24:21	300	90	3.0	#6 AGN Monitor	2	
0057.COMP	12	07:59	12:10:32.6	+39:24:21	300	90	3.0	#6 AGN Monitor	2	
0058.SDSS1004+4231	1200	08:14	10:04:01.3	+42:31:23	300	90	3.0	#165 Quasar Br	2	seeing got real bad during this exposure
0059.COMP	12	08:35	10:04:01.3	+42:31:23	300	90	3.0	#165 Quasar Br	2	
0060.SDSS1113+0914	1200	09:27	11:13:16.4	+09:14:39	300	90	3.0	#165 Quasar Br	2	
0061.COMP	12	09:49	11:13:16.4	+09:14:39	300	90	3.0	#165 Quasar Br	2	
0062.SDSS1113+0914	1200	09:55	11:13:16.4	+09:14:39	300	90	3.0	#165 Quasar Br	2	
0063.COMP	12	10:17	11:13:16.4	+09:14:39	300	90	3.0	#165 Quasar Br	2	
0064.SDSS1113+0914	1200	10:28	11:13:16.4	+09:14:39	300	90	3.0	#165 Quasar Br	2	

UT Date 2007-02-16 Observers W PetersColl. Focus 1320 Grating/Grism 300

<i>File</i>	<i>Exp Time</i>	<i>UT Start</i>	<i>RA</i>	<i>Dec</i>	<i>Gr.</i>	<i>P.A.</i>	<i>Slit</i>	<i>Program</i>	<i>Bin</i>	<i>Comments</i>
0065.COMP	12	10:49	11:13:16.4	+09:14:39	300	90	3.0	#165 Quasar Br	2	
0066.12585080-1832030	1200	11:04	12:58:50.8	-18:32:03	300	90	3.0	#141 Mapping t	2	
0067.COMP	12	11:27	12:58:50.8	-18:32:03	300	90	3.0	#141 Mapping t	2	
0068.MRK279	120	11:37	13:51:53.6	+69:33:13	300	0	3.0	#6 AGN Monitor	2	
0069.MRK279	120	11:40	13:51:53.6	+69:33:13	300	0	3.0	#6 AGN Monitor	2	
0070.COMP	12	11:44	13:51:53.6	+69:33:13	300	0	3.0	#6 AGN Monitor	2	
0071.N5548	150	11:49	14:17:59.6	+25:08:12	300	90	3.0	#6 AGN Monitor	2	
0072.N5548	150	11:53	14:17:59.6	+25:08:12	300	90	3.0	#6 AGN Monitor	2	
0073.N5548	150	11:56	14:17:59.6	+25:08:12	300	90	3.0	#6 AGN Monitor	2	
0074.COMP	12	12:00	14:17:59.6	+25:08:12	300	90	3.0	#6 AGN Monitor	2	
0075-0084.BIAS	0	12:50	15:00:45.7	+49:59:24	300	90	3.0	#141 Mapping t	2	
0085-0099.FLAT	25	12:59	15:00:45.7	+49:59:24	300	90	3.0	#141 Mapping t	2	
0100-0104.DARK	900	14:02	15:00:45.7	+49:59:24	300	90	3.0	#141 Mapping t	4	
0105-0109.DARK	900	15:19	15:00:45.7	+49:59:24	300	90	3.0	#141 Mapping t	2	

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<i>File</i>	<i>Exp Time</i>	<i>UT Start</i>	<i>RA</i>	<i>Dec</i>	<i>Gr.</i>	<i>P.A.</i>	<i>Slit</i>	<i>Program</i>	<i>Bin</i>	<i>Comments</i>
0002-0011.BIAS	0	23:53	15:00:45.7	+49:59:24	300	90	3.0	#141 Mapping t	2	
0012-0026.FLAT	25	00:02	15:00:45.7	+49:59:24	300	90	3.0	#141 Mapping t	2	
0027-0031.DARK	900	01:19	15:00:45.7	+49:59:24	300	90	3.0	#141 Mapping t	4	
0032.G191B2B	300	02:17	05:05:30.6	+52:49:57	300	90	3.0	#56 Spectropho	2	
0033.G191B2B	300	02:23	05:05:30.6	+52:49:57	300	90	3.0	#56 Spectropho	2	
0034.COMP	12	02:29	05:05:30.6	+52:49:57	300	90	3.0	#56 Spectropho	2	
0035.NGC1700	180	02:36	04:56:58.1	-04:52:23	300	90	3.0	#57 Velocity S	2	
0036.NGC1700	180	02:40	04:56:58.1	-04:52:23	300	90	3.0	#57 Velocity S	2	
0037.COMP	12	02:43	04:56:58.1	-04:52:23	300	90	3.0	#57 Velocity S	2	
0038.Hiltner600	90	02:55	06:45:13.4	+02:08:14	300	-28	3.0	#56 Spectropho	2	
0039.Hiltner600	90	02:58	06:45:13.4	+02:08:14	300	-28	3.0	#56 Spectropho	2	
0040.COMP	12	03:02	06:45:13.4	+02:08:14	300	-28	3.0	#56 Spectropho	2	
0042.SDSS0839+5020	1200	04:10	08:39:14.1	+50:20:38	300	65	3.0	#165 Quasar Br	2	
0043.COMP	12	04:32	08:39:14.1	+50:20:38	300	65	3.0	#165 Quasar Br	2	
0044.SDSS0920+4954	1200	04:39	09:20:11.3	+49:54:04	300	70	3.0	#165 Quasar Br	2	
0045.SDSS0920+4954	1200	05:00	09:20:11.3	+49:54:04	300	70	3.0	#165 Quasar Br	2	
0046.SDSS0920+4954	1200	05:21	09:20:11.3	+49:54:04	300	70	3.0	#165 Quasar Br	2	
0047.COMP	12	05:41	09:20:11.3	+49:54:04	300	70	3.0	#165 Quasar Br	2	
0048.N3227	150	06:02	10:23:30.6	+19:51:54	300	-60	3.0	#6 AGN Monitor	2	
0049.N3227	150	06:05	10:23:30.6	+19:51:54	300	-60	3.0	#6 AGN Monitor	2	

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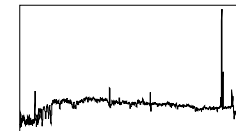
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0050.COMP	12	06:08	10:23:30.6	+19:51:54	300	-60	3.0	#6 AGN Monitor	2	
0051.SDSS0935+0335	1200	06:34	09:35:14.7	+03:35:46	300	-10	3.0	#165 Quasar Br	2	
0052.SDSS0935+0335	1200	06:54	09:35:14.7	+03:35:46	300	-10	3.0	#165 Quasar Br	2	
0053.SDSS0935+0335	1200	07:15	09:35:14.7	+03:35:46	300	-10	3.0	#165 Quasar Br	2	
0054.COMP	12	07:36	09:35:14.7	+03:35:46	300	-10	3.0	#165 Quasar Br	2	
0055.SDSS0959+6333	1200	07:44	09:59:29.9	+63:34:00	300	0	3.0	#165 Quasar Br	2	
0056.SDSS0959+6333	1200	08:07	09:59:29.9	+63:34:00	300	0	3.0	#165 Quasar Br	2	
0057.SDSS0959+6333	1200	08:27	09:59:29.9	+63:34:00	300	0	3.0	#165 Quasar Br	2	
0058.COMP	12	08:48	09:59:29.9	+63:34:00	300	0	3.0	#165 Quasar Br	2	
0059.SDSS1022+0214	1200	08:59	10:22:14.8	+02:14:29	300	20	3.0	#165 Quasar Br	2	
0060.SDSS1022+0214	1200	09:21	10:22:14.8	+02:14:29	300	20	3.0	#165 Quasar Br	2	
0061.SDSS1022+0214	1200	09:43	10:22:14.8	+02:14:29	300	20	3.0	#165 Quasar Br	2	
0062.COMP	12	10:04	10:22:14.8	+02:14:29	300	20	3.0	#165 Quasar Br	2	
0063.N4051	150	10:15	12:03:09.7	+44:31:53	300	-30	3.0	#6 AGN Monitor	2	
0064.N4051	150	10:18	12:03:09.7	+44:31:53	300	-30	3.0	#6 AGN Monitor	2	
0065.COMP	12	10:22	12:03:09.7	+44:31:53	300	-30	3.0	#6 AGN Monitor	2	
0066.N5548	150	10:29	14:17:59.6	+25:08:12	300	90	3.0	#6 AGN Monitor	2	
0067.N5548	150	10:32	14:17:59.6	+25:08:12	300	90	3.0	#6 AGN Monitor	2	
0068.N5548	150	10:35	14:17:59.6	+25:08:12	300	90	3.0	#6 AGN Monitor	2	
0069.COMP	12	10:39	14:17:59.6	+25:08:12	300	90	3.0	#6 AGN Monitor	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0070.NGC4593	270	10:45	12:39:39.4	-05:20:39	300	10	3.0	#147 AGN Solut	2	
0071.NGC4593	270	10:50	12:39:39.4	-05:20:39	300	10	3.0	#147 AGN Solut	2	
0072.COMP	12	10:55	12:39:39.4	-05:20:39	300	10	3.0	#147 AGN Solut	2	
0073.NGC5548	270	11:09	14:17:59.6	+25:08:13	300	-55	3.0	#147 AGN Solut	2	
0074.NGC5548	270	11:15	14:17:59.6	+25:08:13	300	-55	3.0	#147 AGN Solut	2	
0075.COMP	12	11:21	14:17:59.6	+25:08:13	300	-55	3.0	#147 AGN Solut	2	
0076.Mrk817	360	11:31	14:36:22.2	+58:47:39	300	20	3.0	#147 AGN Solut	2	
0077.Mrk817	360	11:38	14:36:22.2	+58:47:39	300	20	3.0	#147 AGN Solut	2	
0078.COMP	12	11:45	14:36:22.2	+58:47:39	300	20	3.0	#147 AGN Solut	2	
0079.Mrk876	600	11:53	16:13:57.2	+65:43:10	300	40	3.0	#147 AGN Solut	2	
0080.Mrk876	900	12:05	16:13:57.2	+65:43:10	300	40	3.0	#147 AGN Solut	2	
0081.COMP	12	12:22	16:13:57.2	+65:43:10	300	40	3.0	#147 AGN Solut	2	
0082.AGDra	2	12:30	16:01:41.0	+66:48:10	300	40	3.0	#12 Symbiotic	2	
0083.AGDra	15	12:30	16:01:41.0	+66:48:10	300	40	3.0	#12 Symbiotic	2	
0084.AGDra	45	12:31	16:01:41.0	+66:48:10	300	40	3.0	#12 Symbiotic	2	
0085.COMP	12	12:32	16:01:41.0	+66:48:10	300	40	3.0	#12 Symbiotic	2	
0086-0095.BIAS	0	12:43	16:01:41.0	+66:48:10	300	90	3.0	#147 AGN Solut	2	
0096-0110.FLAT	25	12:52	16:01:41.0	+66:48:10	300	90	3.0	#147 AGN Solut	2	
0111-0115.DARK	900	14:09	16:01:41.0	+66:48:10	300	90	3.0	#147 AGN Solut	4	

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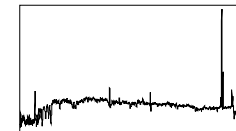
<i>File</i>	<i>Exp Time</i>	<i>UT Start</i>	<i>RA</i>	<i>Dec</i>	<i>Gr.</i>	<i>P.A.</i>	<i>Slit</i>	<i>Program</i>	<i>Bin</i>	<i>Comments</i>
0004-0007.DARK	900	01:15	02:50:01.1	+31:27:56	300	90	3.0	#147 AGN Solut	2	
0008-0018.BIAS	0	01:36	02:50:01.1	+31:27:56	300	90	3.0	#147 AGN Solut	2	
0019-0033.FLAT	25	01:45	02:50:01.1	+31:27:56	300	90	3.0	#147 AGN Solut	2	
0034.G191B2B	300	02:14	05:05:30.6	+52:49:57	300	20	3.0	#56 Spectropho	2	
0035.G191B2B	300	02:20	05:05:30.6	+52:49:57	300	20	3.0	#56 Spectropho	2	
0036.COMP	12	02:25	05:05:30.6	+52:49:57	300	20	3.0	#56 Spectropho	2	
0037.NGC1700	270	02:32	04:56:58.1	-04:52:23	300	90	3.0	#57 Velocity S	2	
0038.NGC1700	270	02:37	04:56:58.1	-04:52:23	300	90	3.0	#57 Velocity S	2	
0039.COMP	12	02:42	04:56:58.1	-04:52:23	300	90	3.0	#57 Velocity S	2	
0040.Hiltner600	90	02:49	06:45:13.4	+02:08:14	300	-26	3.0	#56 Spectropho	2	
0041.Hiltner600	90	02:50	06:45:13.4	+02:08:14	300	-26	3.0	#56 Spectropho	2	
0042.COMP	12	02:54	06:45:13.4	+02:08:14	300	-26	3.0	#56 Spectropho	2	
0043.cvso-050035	600	03:07	05:35:59.1	+02:13:56	300	90	3.0	#112 Orion PMS	2	
0044.COMP	12	03:18	05:35:59.1	+02:13:56	300	90	3.0	#112 Orion PMS	2	
0045.cvso-055799	600	03:21	05:40:23.6	+02:06:13	300	90	3.0	#112 Orion PMS	2	
0046.COMP	12	03:31	05:40:23.6	+02:06:13	300	90	3.0	#112 Orion PMS	2	
0047.cvso-056707	600	03:33	05:41:06.9	+01:45:27	300	90	3.0	#112 Orion PMS	2	
0048.COMP	12	03:44	05:41:06.9	+01:45:27	300	90	3.0	#112 Orion PMS	2	
0049.cvso-055176	600	03:48	05:39:58.8	+01:51:22	300	90	3.0	#112 Orion PMS	2	
0050.COMP	12	03:58	05:39:58.8	+01:51:22	300	90	3.0	#112 Orion PMS	2	

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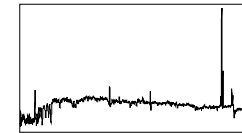
<i>File</i>	<i>Exp Time</i>	<i>UT Start</i>	<i>RA</i>	<i>Dec</i>	<i>Gr.</i>	<i>P.A.</i>	<i>Slit</i>	<i>Program</i>	<i>Bin</i>	<i>Comments</i>
0051.cvso-057168	600	04:03	05:41:28.4	+01:46:04	300	90	3.0	#112 Orion PMS	2	
0052.COMP	12	04:13	05:41:28.4	+01:46:04	300	90	3.0	#112 Orion PMS	2	
0053.cvso-058746	600	04:17	05:42:38.7	+02:10:39	300	90	3.0	#112 Orion PMS	2	
0054.COMP	12	04:28	05:42:38.7	+02:10:39	300	90	3.0	#112 Orion PMS	2	
0055.cvso-059920	660	04:32	05:43:28.6	+02:14:13	300	90	3.0	#112 Orion PMS	2	
0056.COMP	12	04:44	05:43:28.6	+02:14:13	300	90	3.0	#112 Orion PMS	2	
0057.cvso-061740	660	04:48	05:44:57.7	+02:09:36	300	90	3.0	#112 Orion PMS	2	
0058.COMP	12	05:01	05:44:57.7	+02:09:36	300	90	3.0	#112 Orion PMS	2	
0059.cvso-061760	660	05:07	05:44:58.3	+01:56:42	300	80	3.0	#112 Orion PMS	2	
0060.COMP	12	05:19	05:44:58.3	+01:56:42	300	80	3.0	#112 Orion PMS	2	
0061-0070.DARK	900	15:19	10:32:48.7	+09:18:24	300	90	3.0	#57 Velocity S	4	
0071-0080.DARK	900	17:52	10:32:48.7	+09:18:24	300	90	3.0	#57 Velocity S	2	

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<i>File</i>	<i>Exp Time</i>	<i>UT Start</i>	<i>RA</i>	<i>Dec</i>	<i>Gr.</i>	<i>P.A.</i>	<i>Slit</i>	<i>Program</i>	<i>Bin</i>	<i>Comments</i>
0001-0005.DARK	900	23:38	10:32:48.7	+09:18:24	300	90	3.0	#57 Velocity S	4	
0006-0010.DARK	900	00:54	10:32:48.7	+09:18:24	300	90	3.0	#57 Velocity S	2	
0011-0020.BIAS	0	01:11	10:32:48.7	+09:18:24	300	90	3.0	#112 Orion PMS	4	
0021-0030.FLAT	12	01:14	10:32:48.7	+09:18:24	300	90	3.0	#112 Orion PMS	4	
0031-0040.BIAS	0	01:16	10:32:48.7	+09:18:24	300	90	3.0	#112 Orion PMS	2	
0041-0055.FLAT	25	01:25	10:32:48.7	+09:18:24	300	90	3.0	#112 Orion PMS	2	
0056.COMP	10	01:27	10:32:48.7	+09:18:24	300	90	3.0	#112 Orion PMS	2	
0057.G191B2B	300	02:21	05:05:30.6	+52:49:57	300	90	3.0	#56 Spectropho	2	
0058.G191B2B	300	02:26	05:05:30.6	+52:49:57	300	90	3.0	#56 Spectropho	2	
0059.COMP	12	02:32	05:05:30.6	+52:49:57	300	90	3.0	#56 Spectropho	2	
0060.Hiltner600	90	02:34	06:45:13.4	+02:08:14	300	90	3.0	#56 Spectropho	2	
0061.Hiltner600	90	02:36	06:45:13.4	+02:08:14	300	90	3.0	#56 Spectropho	2	
0062.COMP	12	02:38	06:45:13.4	+02:08:14	300	90	3.0	#56 Spectropho	2	
0063.NGC1700	270	02:40	04:56:58.1	-04:52:23	300	90	3.0	#57 Velocity S	2	
0064.NGC1700	270	02:44	04:56:58.1	-04:52:23	300	90	3.0	#57 Velocity S	2	
0065.COMP	10	02:49	04:56:58.1	-04:52:23	300	90	3.0	#57 Velocity S	2	
0066.Akn120	300	02:51	05:13:38.0	-00:12:15	300	90	3.0	#6 AGN Monitor	2	
0067.COMP	12	02:57	05:13:38.0	-00:12:15	300	90	3.0	#6 AGN Monitor	2	
0068.LSIp61303	30	03:01	02:40:31.6	+61:13:46	300	90	3.0	#6 AGN Monitor	2	
0069.LSIp61303	30	03:03	02:40:31.6	+61:13:46	300	90	3.0	#6 AGN Monitor	2	

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<i>File</i>	<i>Exp Time</i>	<i>UT Start</i>	<i>RA</i>	<i>Dec</i>	<i>Gr.</i>	<i>P.A.</i>	<i>Slit</i>	<i>Program</i>	<i>Bin</i>	<i>Comments</i>
0070.LSIp61303	30	03:04	02:40:31.6	+61:13:46	300	90	3.0	#6 AGN Monitor	2	
0071.COMP	12	03:05	02:40:31.6	+61:13:46	300	90	3.0	#6 AGN Monitor	2	
0072.fmf045	300	03:06	01:50:22.4	+35:59:00	300	90	3.0	#171f Local Un	2	
0073.COMP	12	03:12	01:50:22.4	+35:59:00	300	90	3.0	#171f Local Un	2	
0074.fmf046	480	03:13	01:50:33.3	+36:16:44	300	90	3.0	#171f Local Un	2	
0075.COMP	12	03:22	01:50:33.3	+36:16:44	300	90	3.0	#171f Local Un	2	
0076.fmf047	420	03:23	01:50:37.3	+37:37:50	300	90	3.0	#171f Local Un	2	
0077.COMP	12	03:33	01:50:37.3	+37:37:50	300	90	3.0	#171f Local Un	2	
0078.fmf048	480	03:35	01:50:45.7	+37:39:23	300	90	3.0	#171f Local Un	2	
0079.COMP	12	03:43	01:50:45.7	+37:39:23	300	90	3.0	#171f Local Un	2	
0080.fmf095	600	03:45	02:43:49.4	+36:46:23	300	90	3.0	#171f Local Un	2	
0081.COMP	12	03:56	02:43:49.4	+36:46:23	300	90	3.0	#171f Local Un	2	
0082.sn2007Z	1800	03:59	05:15:42.7	+19:21:49	300	90	3.0	#2 SN Observat	2	W-E: star, SN, gxy, star
0083.COMP	12	04:30	05:15:42.7	+19:21:49	300	90	3.0	#2 SN Observat	2	
0084.fmf333	240	04:33	04:25:03.6	+03:01:47	300	90	3.0	#171 Local Uni	2	
0085.COMP	12	04:37	04:25:03.6	+03:01:47	300	90	3.0	#171 Local Uni	2	
0086.fmf334	360	04:39	04:25:07.6	+00:58:46	300	90	3.0	#171 Local Uni	2	
0087.COMP	12	04:46	04:25:07.6	+00:58:46	300	90	3.0	#171 Local Uni	2	
0088.fmf336	300	04:48	04:26:47.7	+01:24:24	300	90	3.0	#171 Local Uni	2	
0089.COMP	12	04:53	04:26:47.7	+01:24:24	300	90	3.0	#171 Local Uni	2	

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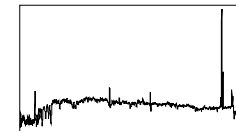
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0090.cirrfastb064	300	04:57	07:57:05.7	+29:07:36	300	90	3.0	#172 SDSS Clus	2	
0091.COMP	12	05:03	07:57:05.7	+29:07:36	300	90	3.0	#172 SDSS Clus	2	
0092.cirrfastb065	360	05:05	07:57:34.2	+28:18:22	300	90	3.0	#172 SDSS Clus	2	
0093.COMP	12	05:12	07:57:34.2	+28:18:22	300	90	3.0	#172 SDSS Clus	2	
0094.cirrfastb067	360	05:16	07:59:06.9	+30:05:21	300	90	3.0	#172 SDSS Clus	2	
0095.COMP	12	05:23	07:59:06.9	+30:05:21	300	90	3.0	#172 SDSS Clus	2	
0096.cirrfastb069	500	05:26	07:59:53.0	+30:10:24	300	90	3.0	#172 SDSS Clus	2	
0097.COMP	12	05:34	07:59:53.0	+30:10:24	300	90	3.0	#172 SDSS Clus	2	
0098.cirrfastb071	400	05:36	08:01:42.4	+30:24:42	300	90	3.0	#172 SDSS Clus	2	
0099.COMP	12	05:43	08:01:42.4	+30:24:42	300	90	3.0	#172 SDSS Clus	2	
0100.cirrfastb073	400	05:45	08:22:23.9	+29:35:23	300	90	3.0	#172 SDSS Clus	2	073 and 073W
0101.COMP	12	05:52	08:22:23.9	+29:35:23	300	90	3.0	#172 SDSS Clus	2	
0102.cirrfastb075	300	05:55	08:28:24.3	+30:27:54	300	90	3.0	#172 SDSS Clus	2	
0103.COMP	12	06:00	08:28:24.3	+30:27:54	300	90	3.0	#172 SDSS Clus	2	
0104.4dlxfast012	240	06:04	08:15:08.5	+58:40:57	300	90	3.0	#172 SDSS Clus	2	
0105.COMP	12	06:08	08:15:08.5	+58:40:57	300	90	3.0	#172 SDSS Clus	2	
0106.4dlxfast011	400	06:10	08:15:00.4	+42:27:58	300	90	3.0	#172 SDSS Clus	2	
0107.COMP	12	06:17	08:15:00.4	+42:27:58	300	90	3.0	#172 SDSS Clus	2	
0108.4dlxfast013	300	06:19	08:15:20.3	+58:05:23	300	90	3.0	#172 SDSS Clus	2	
0109.COMP	12	06:25	08:15:20.3	+58:05:23	300	90	3.0	#172 SDSS Clus	2	

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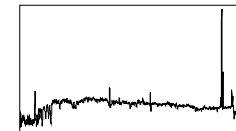
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0110.4dlxfast014	120	06:26	08:15:25.6	+58:10:44	300	90	3.0	#172 SDSS Clus	2	
0111.COMP	12	06:29	08:15:25.6	+58:10:44	300	90	3.0	#172 SDSS Clus	2	
0112.4dlxfast015	120	06:30	08:15:38.7	+58:17:49	300	90	3.0	#172 SDSS Clus	2	
0113.COMP	12	06:32	08:15:38.7	+58:17:49	300	90	3.0	#172 SDSS Clus	2	
0114.4dlxfast016	400	06:33	08:16:01.4	+58:20:03	300	90	3.0	#172 SDSS Clus	2	
0115.COMP	12	06:40	08:16:01.4	+58:20:03	300	90	3.0	#172 SDSS Clus	2	
0116.SDSS0803+3022	1200	06:42	08:03:42.0	+30:22:55	300	90	3.0	#165 Quasar Br	2	
0117.COMP	12	07:06	08:03:42.0	+30:22:55	300	90	3.0	#165 Quasar Br	2	
0118.HD84937	5	07:08	09:48:54.9	+13:45:14	300	90	3.0	#56 Spectropho	2	
0119.HD84937	5	07:08	09:48:54.9	+13:45:14	300	90	3.0	#56 Spectropho	2	
0120.COMP	12	07:09	09:48:54.9	+13:45:14	300	90	3.0	#56 Spectropho	2	
0121.sn2007S	1800	07:13	10:00:31.3	+04:24:26	300	-5	3.0	#2 SN Observat	2	rotated to -5
0122.COMP	12	07:44	10:00:31.3	+04:24:26	300	-5	3.0	#2 SN Observat	2	
0123.SDSS1007+0532	1200	07:51	10:07:11.8	+05:32:09	300	0	3.0	#165 Quasar Br	2	rotated to 0
0124.SDSS1007+0532	1200	08:12	10:07:11.8	+05:32:09	300	22	3.0	#165 Quasar Br	2	rotated to 22
0125.SDSS1007+0532	1200	08:34	10:07:11.8	+05:32:09	300	30	3.0	#165 Quasar Br	2	rotated to 30
0126.COMP	12	08:54	10:07:11.8	+05:32:09	300	30	3.0	#165 Quasar Br	2	
0127.SDSS1205+0201	1200	08:59	12:05:50.2	+02:01:32	300	-10	3.0	#165 Quasar Br	2	rotated to -10
0128.SDSS1205+0201	1200	09:20	12:05:50.2	+02:01:32	300	0	3.0	#165 Quasar Br	2	rotated to 0
0129.SDSS1205+0201	1200	09:41	12:05:50.2	+02:01:32	300	10	3.0	#165 Quasar Br	2	rotated to +10

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0130.COMP	12	10:02	12:05:50.2	+02:01:32	300	10	3.0	#165 Quasar Br	2	
0131.sn2007F	1500	10:05	13:03:15.1	+50:37:08	300	10	3.0	#2 SN Observat	2	rotated to +10
0132.COMP	12	10:31	13:03:15.1	+50:37:08	300	10	3.0	#2 SN Observat	2	
0133.cirsfastb113	500	10:45	10:44:06.7	+55:05:48	300	90	3.0	#172 SDSS Clus	2	rotated to 90
0134.COMP	12	10:54	10:44:06.7	+55:05:48	300	90	3.0	#172 SDSS Clus	2	
0135.N4151	30	11:07	12:10:32.6	+39:24:21	300	90	3.0	#6 AGN Monitor	2	133-153 have incorrect rotator comment
0136.N4151	30	11:07	12:10:32.6	+39:24:21	300	90	3.0	#6 AGN Monitor	2	
0137.N4151	30	11:08	12:10:32.6	+39:24:21	300	90	3.0	#6 AGN Monitor	2	
0138.COMP	12	11:09	12:10:32.6	+39:24:21	300	90	3.0	#6 AGN Monitor	2	
0139.N4051	150	11:36	12:03:09.7	+44:31:53	300	90	3.0	#6 AGN Monitor	2	
0140.N4051	150	11:40	12:03:09.7	+44:31:53	300	90	3.0	#6 AGN Monitor	2	
0141.COMP	12	11:43	12:03:09.7	+44:31:53	300	90	3.0	#6 AGN Monitor	2	
0142.fmfa469	300	11:50	17:33:11.8	+44:23:04	300	90	3.0	#171 Local Uni	2	
0143.COMP	12	11:56	17:33:11.8	+44:23:04	300	90	3.0	#171 Local Uni	2	
0144.fmfa470	300	11:57	17:33:42.7	+44:07:17	300	90	3.0	#171 Local Uni	2	
0145.COMP	12	12:03	17:33:42.7	+44:07:17	300	90	3.0	#171 Local Uni	2	
0146.fmfa471	300	12:04	17:34:29.4	+44:16:06	300	90	3.0	#171 Local Uni	2	
0147.COMP	12	12:10	17:34:29.4	+44:16:06	300	90	3.0	#171 Local Uni	2	
0148.fmfa472	360	12:11	17:34:56.7	+43:22:55	300	90	3.0	#171 Local Uni	2	
0149.COMP	12	12:17	17:34:56.7	+43:22:55	300	90	3.0	#171 Local Uni	2	

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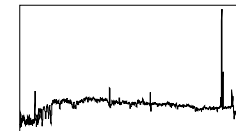
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0150.cirsfastb229	400	12:29	11:59:56.8	+56:19:51	300	90	3.0	#172 SDSS Clus	2	
0151.COMP	12	12:36	11:59:56.8	+56:19:51	300	90	3.0	#172 SDSS Clus	2	
0152.cirsfastb229	600	12:37	11:59:56.8	+56:19:51	300	90	3.0	#172 SDSS Clus	2	
0153.COMP	12	12:48	11:59:56.8	+56:19:51	300	90	3.0	#172 SDSS Clus	2	
0154.cirsfastb230	600	12:50	12:00:05.8	+56:11:47	300	90	3.0	#172 SDSS Clus	2	
0155.COMP	12	13:01	12:00:05.8	+56:11:47	300	90	3.0	#172 SDSS Clus	2	
0156-0165.BIAS	0	13:09	13:27:42.5	+58:01:30	300	90	3.0	#172 SDSS Clus	4	
0166-0175.FLAT	12	13:12	13:27:42.5	+58:01:30	300	90	3.0	#172 SDSS Clus	4	
0176-0185.BIAS	0	13:14	13:27:42.5	+58:01:30	300	90	3.0	#172 SDSS Clus	2	
0186-0200.FLAT	25	13:23	13:27:42.5	+58:01:30	300	90	3.0	#172 SDSS Clus	2	
0201-0210.DARK	900	16:04	13:27:42.5	+58:01:30	300	90	3.0	#172 SDSS Clus	4	
0211-0220.DARK	900	18:37	13:27:42.5	+58:01:30	300	90	3.0	#172 SDSS Clus	2	

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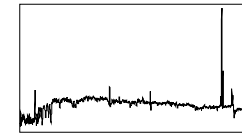
<i>File</i>	<i>Exp Time</i>	<i>UT Start</i>	<i>RA</i>	<i>Dec</i>	<i>Gr.</i>	<i>P.A.</i>	<i>Slit</i>	<i>Program</i>	<i>Bin</i>	<i>Comments</i>
0001.DARK	900	22:38	13:27:42.5	+58:01:30	300	90	3.0	#172 SDSS Clus	4	hail
0002-0005.DARK	900	23:39	13:27:42.5	+58:01:30	300	90	3.0	#172 SDSS Clus	4	
0006-0010.DARK	900	00:56	13:27:42.5	+58:01:30	300	90	3.0	#172 SDSS Clus	2	
0011.BIAS	0	01:38	13:27:42.5	+58:01:30	300	90	3.0	#172 SDSS Clus	4	clouds
0012-0020.BIAS	0	01:39	13:27:42.5	+58:01:30	300	90	3.0	#172 SDSS Clus	4	
0021-0030.FLAT	12	01:43	13:27:42.5	+58:01:30	300	90	3.0	#172 SDSS Clus	4	
0031-0040.BIAS	0	01:44	13:27:42.5	+58:01:30	300	90	3.0	#172 SDSS Clus	2	
0041.FLAT	25	01:45	13:27:42.5	+58:01:30	300	90	3.0	#172 SDSS Clus	2	fog
0042-0055.FLAT	25	01:53	13:27:42.5	+58:01:30	300	90	3.0	#172 SDSS Clus	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001.DARK	900	22:23	13:27:42.5	+58:01:30	300	90	3.0	#172 SDSS Clus	4	binby4
0002-0005.DARK	900	23:24	13:27:42.5	+58:01:30	300	90	3.0	#172 SDSS Clus	4	
0006.DARK	900	23:39	13:27:42.5	+58:01:30	300	90	3.0	#172 SDSS Clus	2	binby2
0007-0010.DARK	900	00:41	13:27:42.5	+58:01:30	300	90	3.0	#172 SDSS Clus	2	
0011.BIAS	0	01:07	13:27:42.5	+58:01:30	300	90	3.0	#172 SDSS Clus	4	binby4
0012-0020.BIAS	0	01:08	13:27:42.5	+58:01:30	300	90	3.0	#172 SDSS Clus	4	
0021-0030.FLAT	12	01:11	13:27:42.5	+58:01:30	300	90	3.0	#172 SDSS Clus	4	
0031.BIAS	0	01:12	13:27:42.5	+58:01:30	300	90	3.0	#172 SDSS Clus	2	binby2
0032-0040.BIAS	0	01:13	13:27:42.5	+58:01:30	300	90	3.0	#172 SDSS Clus	2	
0041-0055.FLAT	25	01:22	13:27:42.5	+58:01:30	300	90	3.0	#172 SDSS Clus	2	
0056.COMP	12	01:34	13:27:42.5	+58:01:30	300	90	3.0	#172 SDSS Clus	2	
0057.LSIp61303	30	01:57	02:40:31.6	+61:13:46	300	90	3.0	#6 AGN Monitor	2	
0058.LSIp61303	30	01:59	02:40:31.6	+61:13:46	300	90	3.0	#6 AGN Monitor	2	
0059.LSIp61303	30	01:59	02:40:31.6	+61:13:46	300	90	3.0	#6 AGN Monitor	2	
0060.COMP	12	02:00	02:40:31.6	+61:13:46	300	90	3.0	#6 AGN Monitor	2	
0061.NGC1700	300	02:03	04:56:58.1	-04:52:23	300	90	3.0	#57 Velocity S	2	
0062.NGC1700	300	02:08	04:56:58.1	-04:52:23	300	90	3.0	#57 Velocity S	2	
0063.COMP	12	02:14	04:56:58.1	-04:52:23	300	90	3.0	#57 Velocity S	2	
0064.IPHAS_B344	600	02:17	03:11:41.8	+61:48:48	300	90	3.0	#157 IPHAS	2	
0065.COMP	12	02:27	03:11:41.8	+61:48:48	300	90	3.0	#157 IPHAS	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0066.IPHAS_B345	400	02:29	03:12:07.9	+62:50:28	300	90	3.0	#157 IPHAS	2	
0067.COMP	12	02:36	03:12:07.9	+62:50:28	300	90	3.0	#157 IPHAS	2	
0068.IPHAS_B346	600	02:38	03:39:37.6	+53:08:54	300	90	3.0	#157 IPHAS	2	
0069.COMP	12	02:49	03:39:37.6	+53:08:54	300	90	3.0	#157 IPHAS	2	
0070.IPHAS_B347	1000	02:50	03:40:47.3	+53:15:37	300	90	3.0	#157 IPHAS	2	accidentally moved at end of exp
0071.COMP	12	03:08	03:40:47.3	+53:15:37	300	90	3.0	#157 IPHAS	2	should be ok
0072.fmfa325	400	03:10	04:23:34.1	+04:05:50	300	90	3.0	#171 Local Uni	2	
0073.COMP	12	03:17	04:23:34.1	+04:05:50	300	90	3.0	#171 Local Uni	2	
0074.fmfa326	400	03:18	04:23:35.5	+04:03:58	300	90	3.0	#171 Local Uni	2	
0075.COMP	12	03:25	04:23:35.5	+04:03:58	300	90	3.0	#171 Local Uni	2	
0076.fmfa324	300	03:26	04:22:43.8	+01:37:56	300	90	3.0	#171 Local Uni	2	
0077.COMP	12	03:32	04:22:43.8	+01:37:56	300	90	3.0	#171 Local Uni	2	
0078.fmfa327	600	03:33	04:23:40.8	+04:08:02	300	90	3.0	#171 Local Uni	2	AGN
0079.COMP	12	03:44	04:23:40.8	+04:08:02	300	90	3.0	#171 Local Uni	2	
0080.fmfa328	200	03:45	04:23:50.4	+02:44:18	300	90	3.0	#171 Local Uni	2	
0081.COMP	12	03:49	04:23:50.4	+02:44:18	300	90	3.0	#171 Local Uni	2	
0082.fmfa329	400	03:50	04:23:58.1	+02:17:12	300	90	3.0	#171 Local Uni	2	
0083.COMP	12	03:57	04:23:58.1	+02:17:12	300	90	3.0	#171 Local Uni	2	
0084.fmfa330	600	03:58	04:24:04.3	+02:10:09	300	90	3.0	#171 Local Uni	2	
0085.COMP	12	04:09	04:24:04.3	+02:10:09	300	90	3.0	#171 Local Uni	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0086.fmfa331	500	04:10	04:24:23.8	+03:26:18	300	90	3.0	#171 Local Uni	2	
0087.COMP	12	04:19	04:24:23.8	+03:26:18	300	90	3.0	#171 Local Uni	2	
0088.fmfa332	720	04:20	04:24:53.6	+01:16:40	300	90	3.0	#171 Local Uni	2	
0089.COMP	12	04:33	04:24:53.6	+01:16:40	300	90	3.0	#171 Local Uni	2	
0090.fmfa335	900	04:35	04:25:39.7	+01:06:34	300	90	3.0	#171 Local Uni	2	
0091.COMP	12	04:50	04:25:39.7	+01:06:34	300	90	3.0	#171 Local Uni	2	
0092.fmfa337	900	04:52	04:28:23.3	+02:35:58	300	90	3.0	#171 Local Uni	2	
0093.COMP	12	05:09	04:28:23.3	+02:35:58	300	90	3.0	#171 Local Uni	2	
0094.cirsfastb062	900	05:12	07:55:34.1	+29:10:23	300	90	3.0	#172 SDSS Clus	2	
0095.COMP	12	05:28	07:55:34.1	+29:10:23	300	90	3.0	#172 SDSS Clus	2	
0096.cirsfastb066	600	05:29	07:58:45.3	+30:09:35	300	90	3.0	#172 SDSS Clus	2	3 stars and 1 gxy
0097.COMP	12	05:39	07:58:45.3	+30:09:35	300	90	3.0	#172 SDSS Clus	2	
0098.cirsfastb068	420	05:40	07:59:11.2	+29:47:03	300	90	3.0	#172 SDSS Clus	2	
0099.COMP	12	05:48	07:59:11.2	+29:47:03	300	90	3.0	#172 SDSS Clus	2	
0100.cirsfastb074	420	05:50	08:24:17.1	+30:29:09	300	90	3.0	#172 SDSS Clus	2	
0101.COMP	12	05:57	08:24:17.1	+30:29:09	300	90	3.0	#172 SDSS Clus	2	
0102.cirsfastb076	480	05:58	08:28:55.9	+30:30:11	300	90	3.0	#172 SDSS Clus	2	
0103.COMP	12	06:07	08:28:55.9	+30:30:11	300	90	3.0	#172 SDSS Clus	2	
0104.cirsfastb077	300	06:08	08:28:56.9	+30:26:58	300	90	3.0	#172 SDSS Clus	2	
0105.COMP	12	06:13	08:28:56.9	+30:26:58	300	90	3.0	#172 SDSS Clus	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0106.cirsfastb078	200	06:14	08:32:19.8	+30:31:24	300	90	3.0	#172 SDSS Clus	2	
0107.COMP	12	06:18	08:32:19.8	+30:31:24	300	90	3.0	#172 SDSS Clus	2	
0108.cirsfastb081	900	06:19	08:33:35.6	+29:29:57	300	90	3.0	#172 SDSS Clus	2	
0109.COMP	12	06:35	08:33:35.6	+29:29:57	300	90	3.0	#172 SDSS Clus	2	
0110.cirsfastb082	300	06:36	08:33:56.1	+29:50:29	300	90	3.0	#172 SDSS Clus	2	
0111.COMP	12	06:41	08:33:56.1	+29:50:29	300	90	3.0	#172 SDSS Clus	2	
0112.cirsfastb083	300	06:42	08:34:46.1	+30:51:27	300	90	3.0	#172 SDSS Clus	2	
0113.COMP	12	06:48	08:34:46.1	+30:51:27	300	90	3.0	#172 SDSS Clus	2	
0114.cirsfastb084	300	06:49	08:36:48.5	+30:51:44	300	90	3.0	#172 SDSS Clus	2	
0115.COMP	12	06:54	08:36:48.5	+30:51:44	300	90	3.0	#172 SDSS Clus	2	
0116.fmb145	420	06:56	08:29:04.8	+30:25:49	300	90	3.0	#171f Local Un	2	145 and 145W
0117.COMP	12	07:03	08:29:04.8	+30:25:49	300	90	3.0	#171f Local Un	2	
0118.fmb146	420	07:04	08:30:49.7	+30:48:30	300	90	3.0	#171f Local Un	2	
0119.COMP	12	07:12	08:30:49.7	+30:48:30	300	90	3.0	#171f Local Un	2	
0120.HD84937	5	07:13	09:48:54.9	+13:45:14	300	90	3.0	#56 Spectropho	2	
0121.HD84937	10	07:14	09:48:54.9	+13:45:14	300	90	3.0	#56 Spectropho	2	
0122.HD84937	10	07:14	09:48:54.9	+13:45:14	300	90	3.0	#56 Spectropho	2	
0123.COMP	12	07:15	09:48:54.9	+13:45:14	300	90	3.0	#56 Spectropho	2	
0124.sn2007S	1200	07:17	10:00:31.3	+04:24:26	300	0	3.0	#2 SN Observat	2	rotated to 0
0125.COMP	12	07:38	10:00:31.3	+04:24:26	300	0	3.0	#2 SN Observat	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0126.N3227	150	07:42	10:23:30.6	+19:51:54	300	90	3.0	#6 AGN Monitor	2	rotated to 90 (comments wrong)
0127.N3227	150	07:44	10:23:30.6	+19:51:54	300	90	3.0	#6 AGN Monitor	2	
0128.COMP	12	07:47	10:23:30.6	+19:51:54	300	90	3.0	#6 AGN Monitor	2	
0129.Feige34	90	07:49	10:39:36.9	+43:06:11	300	90	3.0	#56 Spectropho	2	rotated to 90
0130.Feige34	90	07:51	10:39:36.9	+43:06:11	300	90	3.0	#56 Spectropho	2	
0131.COMP	12	07:53	10:39:36.9	+43:06:11	300	90	3.0	#56 Spectropho	2	
0132.cirrfastb098	200	07:54	10:26:26.7	+37:27:15	300	90	3.0	#172 SDSS Clus	2	
0133.COMP	12	07:58	10:26:26.7	+37:27:15	300	90	3.0	#172 SDSS Clus	2	
0134.cirrfastb099	360	08:00	10:26:27.6	+37:19:32	300	90	3.0	#172 SDSS Clus	2	
0135.COMP	12	08:06	10:26:27.6	+37:19:32	300	90	3.0	#172 SDSS Clus	2	
0136.cirrfastb100	300	08:07	10:26:50.3	+39:44:47	300	90	3.0	#172 SDSS Clus	2	
0137.COMP	12	08:13	10:26:50.3	+39:44:47	300	90	3.0	#172 SDSS Clus	2	
0138.cirrfastb101	300	08:14	10:28:23.4	+39:56:55	300	90	3.0	#172 SDSS Clus	2	
0139.COMP	12	08:20	10:28:23.4	+39:56:55	300	90	3.0	#172 SDSS Clus	2	
0140.cirrfastb102	300	08:20	10:29:46.8	+40:19:14	300	90	3.0	#172 SDSS Clus	2	
0141.COMP	12	08:26	10:29:46.8	+40:19:14	300	90	3.0	#172 SDSS Clus	2	
0142.cirrfastb104	150	08:27	10:33:15.4	+40:03:34	300	90	3.0	#172 SDSS Clus	2	
0143.COMP	12	08:30	10:33:15.4	+40:03:34	300	90	3.0	#172 SDSS Clus	2	
0144.fmb165	360	08:33	11:41:39.1	+20:20:37	300	90	3.0	#171f Local Un	2	
0145.COMP	12	08:39	11:41:39.1	+20:20:37	300	90	3.0	#171f Local Un	2	

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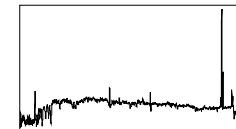
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0146.fmb166	420	08:40	11:41:59.6	+19:32:26	300	90	3.0	#171f Local Un	2	
0147.COMP	12	08:48	11:41:59.6	+19:32:26	300	90	3.0	#171f Local Un	2	
0148.fmb167	300	08:49	11:42:41.9	+20:17:59	300	90	3.0	#171f Local Un	2	
0149.COMP	12	08:54	11:42:41.9	+20:17:59	300	90	3.0	#171f Local Un	2	
0150.fmb168	300	08:55	11:42:45.2	+20:01:56	300	90	3.0	#171f Local Un	2	
0151.COMP	12	09:00	11:42:45.2	+20:01:56	300	90	3.0	#171f Local Un	2	
0152.fmb169	360	09:02	11:42:55.8	+18:54:00	300	87	3.0	#171f Local Un	2	rotated to 87, 169/170 are W/E
0153.COMP	12	09:09	11:42:55.8	+18:54:00	300	87	3.0	#171f Local Un	2	
0154.fmb171	200	09:10	11:43:02.2	+19:38:59	300	90	3.0	#171f Local Un	2	angle=90
0155.COMP	12	09:14	11:43:02.2	+19:38:59	300	90	3.0	#171f Local Un	2	
0156.fmb172	480	09:16	11:43:15.0	+19:25:36	300	85	3.0	#171f Local Un	2	angle=85, 172 and 172W
0157.COMP	12	09:24	11:43:15.0	+19:25:36	300	85	3.0	#171f Local Un	2	
0158.fmb173	180	09:25	11:43:54.8	+20:24:33	300	90	3.0	#171f Local Un	2	angle=90
0159.COMP	12	09:29	11:43:54.8	+20:24:33	300	90	3.0	#171f Local Un	2	
0160.fmb174	360	09:31	11:44:05.9	+20:41:53	300	90	3.0	#171f Local Un	2	
0161.COMP	12	09:37	11:44:05.9	+20:41:53	300	90	3.0	#171f Local Un	2	comp coords may be wrong in header
0162.fmb175	120	09:38	11:44:16.5	+20:13:01	300	90	3.0	#171f Local Un	2	
0163.COMP	12	09:40	11:44:16.5	+20:13:01	300	90	3.0	#171f Local Un	2	
0164.fmb176	120	09:41	11:44:49.2	+19:47:42	300	90	3.0	#171f Local Un	2	
0165.COMP	12	09:43	11:44:49.2	+19:47:42	300	90	3.0	#171f Local Un	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0166.fmb177	300	09:44	11:45:07.0	+19:58:01	300	90	3.0	#171f Local Un	2	
0167.COMP	12	09:50	11:45:07.0	+19:58:01	300	90	3.0	#171f Local Un	2	
0168.fmb178	480	09:51	11:46:34.9	+18:57:04	300	90	3.0	#171f Local Un	2	
0169.COMP	12	09:59	11:46:34.9	+18:57:04	300	90	3.0	#171f Local Un	2	
0170.MRK421	300	10:01	11:04:27.4	+38:12:32	300	90	3.0	#6 AGN Monitor	2	
0171.MRK421	300	10:06	11:04:27.4	+38:12:32	300	90	3.0	#6 AGN Monitor	2	
0172.COMP	12	10:11	11:04:27.4	+38:12:32	300	90	3.0	#6 AGN Monitor	2	
0173.N4151	30	10:13	12:10:32.6	+39:24:21	300	90	3.0	#6 AGN Monitor	2	
0174.N4151	30	10:13	12:10:32.6	+39:24:21	300	90	3.0	#6 AGN Monitor	2	
0175.COMP	12	10:14	12:10:32.6	+39:24:21	300	90	3.0	#6 AGN Monitor	2	
0176.N4051	150	10:15	12:03:09.7	+44:31:53	300	90	3.0	#6 AGN Monitor	2	
0177.N4051	150	10:18	12:03:09.7	+44:31:53	300	90	3.0	#6 AGN Monitor	2	
0178.COMP	12	10:21	12:03:09.7	+44:31:53	300	90	3.0	#6 AGN Monitor	2	
0179.sn2007C	1500	10:25	13:08:49.3	-06:47:01	300	0	3.0	#2 SN Observat	2	angle=0
0180.COMP	12	10:51	13:08:49.3	-06:47:01	300	0	3.0	#2 SN Observat	2	
0181.fmfa382	360	10:56	13:28:51.1	+11:06:21	300	90	3.0	#171 Local Uni	2	angle=90
0182.COMP	12	11:02	13:28:51.1	+11:06:21	300	90	3.0	#171 Local Uni	2	
0183.fmfa380	420	11:03	13:25:14.8	+12:02:21	300	90	3.0	#171 Local Uni	2	
0184.COMP	12	11:11	13:25:14.8	+12:02:21	300	90	3.0	#171 Local Uni	2	
0185.fmfa381	360	11:12	13:26:34.0	+11:18:06	300	90	3.0	#171 Local Uni	2	

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<i>File</i>	<i>Exp Time</i>	<i>UT Start</i>	<i>RA</i>	<i>Dec</i>	<i>Gr.</i>	<i>P.A.</i>	<i>Slit</i>	<i>Program</i>	<i>Bin</i>	<i>Comments</i>
0186.COMP	12	11:18	13:26:34.0	+11:18:06	300	90	3.0	#171 Local Uni	2	
0187.fmfa383	360	11:19	13:29:01.9	+10:42:21	300	90	3.0	#171 Local Uni	2	
0188.COMP	12	11:26	13:29:01.9	+10:42:21	300	90	3.0	#171 Local Uni	2	
0189.fmfa384	480	11:27	13:29:22.0	+11:52:00	300	90	3.0	#171 Local Uni	2	
0190.COMP	12	11:36	13:29:22.0	+11:52:00	300	90	3.0	#171 Local Uni	2	
0191.fmfa385	360	11:37	13:29:29.6	+11:42:03	300	90	3.0	#171 Local Uni	2	
0192.COMP	12	11:43	13:29:29.6	+11:42:03	300	90	3.0	#171 Local Uni	2	
0193.fmfa386	360	11:44	13:29:38.6	+11:27:38	300	90	3.0	#171 Local Uni	2	
0194.COMP	12	11:51	13:29:38.6	+11:27:38	300	90	3.0	#171 Local Uni	2	
0195.fmfa387	420	11:52	13:29:41.6	+12:18:50	300	90	3.0	#171 Local Uni	2	
0196.COMP	12	11:59	13:29:41.6	+12:18:50	300	90	3.0	#171 Local Uni	2	
0197.fmfa388	600	12:01	13:30:38.8	+11:24:11	300	90	3.0	#171 Local Uni	2	
0198.COMP	12	12:11	13:30:38.8	+11:24:11	300	90	3.0	#171 Local Uni	2	
0199.sn2007ab	1800	12:22	16:51:29.1	-03:05:34	300	-30	3.0	#2 SN Observat	2	
0200.COMP	12	12:52	16:51:29.1	-03:05:34	300	-30	3.0	#2 SN Observat	2	
0201.AGDra	2	12:57	16:01:41.0	+66:48:10	300	90	3.0	#12 Symbiotic	2	
0202.AGDra	15	12:57	16:01:41.0	+66:48:10	300	90	3.0	#12 Symbiotic	2	
0203.AGDra	45	12:58	16:01:41.0	+66:48:10	300	90	3.0	#12 Symbiotic	2	
0204.COMP	12	12:59	16:01:41.0	+66:48:10	300	90	3.0	#12 Symbiotic	2	
0205.MRK279	120	13:02	13:51:53.6	+69:33:13	300	90	3.0	#6 AGN Monitor	2	

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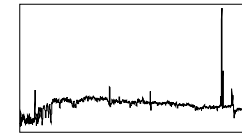
<i>File</i>	<i>Exp Time</i>	<i>UT Start</i>	<i>RA</i>	<i>Dec</i>	<i>Gr.</i>	<i>P.A.</i>	<i>Slit</i>	<i>Program</i>	<i>Bin</i>	<i>Comments</i>
0206.MRK279	120	13:04	13:51:53.6	+69:33:13	300	90	3.0	#6 AGN Monitor	2	
0207.COMP	12	13:07	13:51:53.6	+69:33:13	300	90	3.0	#6 AGN Monitor	2	
0208.N5548	150	13:09	14:17:59.6	+25:08:12	300	90	3.0	#6 AGN Monitor	2	
0209.N5548	150	13:11	14:17:59.6	+25:08:12	300	90	3.0	#6 AGN Monitor	2	
0210.N5548	150	13:14	14:17:59.6	+25:08:12	300	90	3.0	#6 AGN Monitor	2	
0211.COMP	12	13:17	14:17:59.6	+25:08:12	300	90	3.0	#6 AGN Monitor	2	
0212-0221.BIAS	0	13:30	14:17:59.6	+25:08:12	300	90	3.0	#6 AGN Monitor	4	
0222-0231.FLAT	12	13:33	14:17:59.6	+25:08:12	300	90	3.0	#6 AGN Monitor	4	
0232-0241.BIAS	0	13:35	14:17:59.6	+25:08:12	300	90	3.0	#6 AGN Monitor	2	
0242-0256.FLAT	25	13:44	14:17:59.6	+25:08:12	300	90	3.0	#6 AGN Monitor	2	
0257-0266.DARK	900	16:03	14:17:59.6	+25:08:12	300	90	3.0	#6 AGN Monitor	4	
0267-0276.DARK	900	18:36	14:17:59.6	+25:08:12	300	90	3.0	#6 AGN Monitor	2	

UT Date 2007-02-22 Observers K RinesColl. Focus 1320 Grating/Grism 600

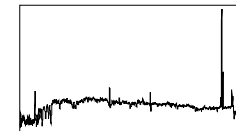
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001-0005.DARK	900	23:30	14:17:59.6	+25:08:12	300	90	3.0	#6 AGN Monitor	4	
0006-0010.DARK	900	00:46	14:17:59.6	+25:08:12	300	90	3.0	#6 AGN Monitor	2	
0011-0020.BIAS	0	01:11	14:17:59.6	+25:08:12	300	90	3.0	#6 AGN Monitor	4	
0021-0030.FLAT	12	01:15	14:17:59.6	+25:08:12	300	90	3.0	#6 AGN Monitor	4	
0031-0040.BIAS	0	01:17	14:17:59.6	+25:08:12	300	90	3.0	#6 AGN Monitor	2	
0041-0055.FLAT	25	01:25	14:17:59.6	+25:08:12	300	90	3.0	#6 AGN Monitor	2	
0056.COMP	12	01:50	14:17:59.6	+25:08:12	300	90	3.0	#6 AGN Monitor	2	
0057.Akn120	300	01:57	05:13:38.0	-00:12:15	300	90	3.0	#6 AGN Monitor	2	
0058.COMP	12	02:03	05:13:38.0	-00:12:15	300	90	3.0	#6 AGN Monitor	2	
0059.NGC1700	300	02:04	04:56:58.1	-04:52:23	300	90	3.0	#57 Velocity S	2	
0060.NGC1700	300	02:09	04:56:58.1	-04:52:23	300	90	3.0	#57 Velocity S	2	
0061.COMP	12	02:15	04:56:58.1	-04:52:23	300	90	3.0	#57 Velocity S	2	
0062.fmb049	360	02:18	01:51:10.4	+37:27:08	300	90	3.0	#171f Local Un	2	
0063.COMP	12	02:25	01:51:10.4	+37:27:08	300	90	3.0	#171f Local Un	2	
0064.fmb051	300	02:27	01:51:17.8	+37:26:41	300	90	3.0	#171f Local Un	2	
0065.COMP	12	02:33	01:51:17.8	+37:26:41	300	90	3.0	#171f Local Un	2	
0066.fmb052	300	02:34	01:51:20.8	+36:49:33	300	90	3.0	#171f Local Un	2	
0067.COMP	12	02:39	01:51:20.8	+36:49:33	300	90	3.0	#171f Local Un	2	
0068.COMP	420	02:47	01:51:11.8	+36:52:13	300	90	3.0	#171f Local Un	2	actually fmb050 and 050W
0069.COMP	12	02:55	01:51:11.8	+36:52:13	300	90	3.0	#171f Local Un	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0070.fmb053	600	02:58	01:51:37.3	+37:27:13	300	90	3.0	#171f Local Un	2	
0071.COMP	12	03:09	01:51:37.3	+37:27:13	300	90	3.0	#171f Local Un	2	
0072.fmb054	300	03:11	01:51:48.2	+36:54:34	300	90	3.0	#171f Local Un	2	
0073.COMP	12	03:16	01:51:48.2	+36:54:34	300	90	3.0	#171f Local Un	2	
0074.fmb055	300	03:17	01:51:51.2	+36:45:35	300	90	3.0	#171f Local Un	2	
0075.COMP	12	03:23	01:51:51.2	+36:45:35	300	90	3.0	#171f Local Un	2	
0076.fmb056	300	03:24	01:51:52.3	+35:39:47	300	90	3.0	#171f Local Un	2	
0077.COMP	12	03:29	01:51:52.3	+35:39:47	300	90	3.0	#171f Local Un	2	
0078.IPHAS_B348	200	03:32	03:40:18.0	+49:21:33	300	90	3.0	#157 IPHAS	2	
0079.COMP	12	03:36	03:40:18.0	+49:21:33	300	90	3.0	#157 IPHAS	2	
0080.IPHAS_B349	1200	03:39	03:42:57.6	+55:23:32	300	90	3.0	#157 IPHAS	2	
0081.COMP	12	04:00	03:42:57.6	+55:23:32	300	90	3.0	#157 IPHAS	2	
0082.IPHAS_B350	1200	04:03	03:42:54.5	+56:15:10	300	90	3.0	#157 IPHAS	2	
0083.COMP	12	04:23	03:42:54.5	+56:15:10	300	90	3.0	#157 IPHAS	2	
0084.IPHAS_B351	120	04:25	03:42:44.4	+53:22:32	300	90	3.0	#157 IPHAS	2	
0085.COMP	12	04:27	03:42:44.4	+53:22:32	300	90	3.0	#157 IPHAS	2	
0086.IPHAS_B352	900	04:29	03:45:30.5	+55:33:18	300	90	3.0	#157 IPHAS	2	
0087.COMP	12	04:45	03:45:30.5	+55:33:18	300	90	3.0	#157 IPHAS	2	
0088.IPHAS_B353	720	04:47	03:45:13.7	+54:35:26	300	90	3.0	#157 IPHAS	2	
0089.COMP	12	04:59	03:45:13.7	+54:35:26	300	90	3.0	#157 IPHAS	2	

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<i>File</i>	<i>Exp Time</i>	<i>UT Start</i>	<i>RA</i>	<i>Dec</i>	<i>Gr.</i>	<i>P.A.</i>	<i>Slit</i>	<i>Program</i>	<i>Bin</i>	<i>Comments</i>
0090.IPHAS.B354	1200	05:02	03:46:09.8	+54:55:51	300	90	3.0	#157 IPHAS	2	
0091.COMP	12	05:23	03:46:09.8	+54:55:51	300	90	3.0	#157 IPHAS	2	
0092-0101.FLAT	45	05:47	03:46:09.8	+54:55:51	600	90	2.0	#166 HV Stars	4	
0102.bcand254	1140	05:51	10:47:11.6	+21:34:08	600	90	2.0	#166 Hyper Vel	4	
0103.COMP	10	06:10	10:47:11.6	+21:34:08	600	90	2.0	#166 Hyper Vel	4	
0104.bcand255	1380	06:11	10:54:10.3	+22:03:13	600	90	2.0	#166 Hyper Vel	4	WD?
0105.COMP	10	06:35	10:54:10.3	+22:03:13	600	90	2.0	#166 Hyper Vel	4	
0106.bcand256	1380	06:36	10:58:38.4	+22:49:40	600	90	2.0	#166 Hyper Vel	4	WD?
0107.COMP	10	07:00	10:58:38.4	+22:49:40	600	90	2.0	#166 Hyper Vel	4	
0108.bcand257	600	07:01	11:02:42.0	+25:18:41	600	90	2.0	#166 Hyper Vel	4	
0109.COMP	10	07:11	11:02:42.0	+25:18:41	600	90	2.0	#166 Hyper Vel	4	
0110.bcand258	1080	07:13	11:03:22.5	+18:59:15	600	90	2.0	#166 Hyper Vel	4	
0111.COMP	10	07:31	11:03:22.5	+18:59:15	600	90	2.0	#166 Hyper Vel	4	
0112.bcand259	1680	07:33	11:20:59.7	+17:35:20	600	90	2.0	#166 Hyper Vel	4	
0113.COMP	10	08:01	11:20:59.7	+17:35:20	600	90	2.0	#166 Hyper Vel	4	
0114.bcand260	1020	08:03	11:22:24.9	+17:58:09	600	90	2.0	#166 Hyper Vel	4	
0115.COMP	10	08:20	11:22:24.9	+17:58:09	600	90	2.0	#166 Hyper Vel	4	
0116.bcand275	600	08:22	12:05:08.2	+24:03:32	600	90	2.0	#166 Hyper Vel	4	
0117.COMP	10	08:32	12:05:08.2	+24:03:32	600	90	2.0	#166 Hyper Vel	4	
0118.bcand277	600	08:34	12:11:58.9	+17:51:44	600	90	2.0	#166 Hyper Vel	4	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0119.COMP	10	08:45	12:11:58.9	+17:51:44	600	90	2.0	#166 Hyper Vel	4	
0120.bcand282	1200	09:17	12:27:12.5	+21:51:49	600	90	2.0	#166 Hyper Vel	4	
0121.COMP	10	09:37	12:27:12.5	+21:51:49	600	90	2.0	#166 Hyper Vel	4	
0122.bcand290	900	09:39	13:24:36.4	+20:38:17	600	90	2.0	#166 Hyper Vel	4	
0123.COMP	10	09:54	13:24:36.4	+20:38:17	600	90	2.0	#166 Hyper Vel	4	
0124.bcand291	900	09:55	13:25:52.4	+20:35:25	600	90	2.0	#166 Hyper Vel	4	
0125.COMP	10	10:10	13:25:52.4	+20:35:25	600	90	2.0	#166 Hyper Vel	4	
0126.Feige34	150	10:12	10:39:36.9	+43:06:11	600	90	2.0	#56 Spectropho	4	
0127.COMP	10	10:15	10:39:36.9	+43:06:11	600	90	2.0	#56 Spectropho	4	
0128.bcand670	1200	10:21	13:53:08.8	+02:56:15	600	90	2.0	#166 Hyper Vel	4	
0129.COMP	10	10:41	13:53:08.8	+02:56:15	600	90	2.0	#166 Hyper Vel	4	
0130.bcand305	1200	10:44	14:19:05.9	+18:20:58	600	90	2.0	#166 Hyper Vel	4	
0131.COMP	10	11:05	14:19:05.9	+18:20:58	600	90	2.0	#166 Hyper Vel	4	
0132-0141.BIAS	0	11:21	10:39:36.9	+43:06:11	600	90	2.0	#166 Hyper Vel	4	
0142-0151.FLAT	12	11:24	10:39:36.9	+43:06:11	600	90	2.0	#166 Hyper Vel	4	
0155.BIAS	0	12:01	10:39:36.9	+43:06:11	600	90	2.0	#166 Hyper Vel	2	ccd restarted, binby2
0156-0164.BIAS	0	12:03	10:39:36.9	+43:06:11	600	90	2.0	#166 Hyper Vel	2	
0165-0185.FLAT	25	12:23	10:39:36.9	+43:06:11	600	90	2.0	#166 Hyper Vel	2	
0186-0195.DARK	900	15:08	10:39:36.9	+43:06:11	600	90	2.0	#166 Hyper Vel	4	
0196-0205.DARK	900	17:41	10:39:36.9	+43:06:11	600	90	2.0	#166 Hyper Vel	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001.DARK	900	22:30	10:39:36.9	+43:06:11	300	90	3.0	#166 Hyper Vel	4	binby4
0002-0005.DARK	900	23:31	10:39:36.9	+43:06:11	300	90	3.0	#166 Hyper Vel	4	
0006.DARK	900	23:46	10:39:36.9	+43:06:11	300	90	3.0	#166 Hyper Vel	2	binby2
0007-0010.DARK	900	00:47	10:39:36.9	+43:06:11	300	90	3.0	#166 Hyper Vel	2	
0011.BIAS	0	01:34	10:39:36.9	+43:06:11	300	90	3.0	#166 Hyper Vel	4	headers say 600 grating 2as slit
0012-0020.BIAS	0	01:35	10:39:36.9	+43:06:11	300	90	3.0	#166 Hyper Vel	4	
0021.FLAT	12	01:35	10:39:36.9	+43:06:11	300	90	3.0	#166 Hyper Vel	4	really 300 grating 3 slit
0022-0030.FLAT	12	01:39	10:39:36.9	+43:06:11	300	90	3.0	#166 Hyper Vel	4	
0031-0040.BIAS	0	01:40	10:39:36.9	+43:06:11	300	90	3.0	#166 Hyper Vel	2	
0041-0055.FLAT	25	01:49	10:39:36.9	+43:06:11	300	90	3.0	#166 Hyper Vel	2	
0056.COMP	12	02:02	10:39:36.9	+43:06:11	300	90	3.0	#166 Hyper Vel	2	
0057.LSIp61303	30	02:11	02:40:31.6	+61:13:46	300	90	3.0	#6 AGN Monitor	2	
0058.LSIp61303	30	02:12	02:40:31.6	+61:13:46	300	90	3.0	#6 AGN Monitor	2	
0059.LSIp61303	30	02:13	02:40:31.6	+61:13:46	300	90	3.0	#6 AGN Monitor	2	
0060.COMP	12	02:14	02:40:31.6	+61:13:46	300	90	3.0	#6 AGN Monitor	2	
0061.NGC1700	300	02:18	04:56:58.1	-04:52:23	300	90	3.0	#57 Velocity S	2	
0062.COMP	12	02:23	04:56:58.1	-04:52:23	300	90	3.0	#57 Velocity S	2	
0063.fmb060	600	02:30	01:52:19.5	+37:04:33	300	90	3.0	#171f Local Un	2	LSB light? moonlight?
0064.COMP	12	02:41	01:52:19.5	+37:04:33	300	90	3.0	#171f Local Un	2	
0065.fmb057	1200	02:45	01:52:00.5	+35:38:21	300	90	3.0	#171f Local Un	2	fixed grating/slit in header; broad galaxy??

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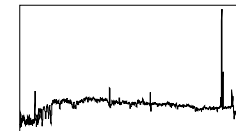
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0066.COMP	12	03:06	01:52:00.5	+35:38:21	300	90	3.0	#171f Local Un	2	
0067.IPHAS_B357	1200	03:14	03:47:12.4	+55:21:21	300	90	3.0	#157 IPHAS	2	target at row 80, star at row 74
0068.COMP	12	03:35	03:47:12.4	+55:21:21	300	90	3.0	#157 IPHAS	2	
0069.IPHAS_B358	1200	03:42	03:48:41.5	+55:53:55	300	90	3.0	#157 IPHAS	2	star to W
0070.COMP	12	04:03	03:48:41.5	+55:53:55	300	90	3.0	#157 IPHAS	2	
0071.IPHAS_B359	300	04:08	03:49:49.1	+55:11:11	300	90	3.0	#157 IPHAS	2	
0072.COMP	12	04:14	03:49:49.1	+55:11:11	300	90	3.0	#157 IPHAS	2	
0073.IPHAS_B360	1200	04:19	03:50:30.8	+54:01:20	300	90	3.0	#157 IPHAS	2	star to W
0074.COMP	12	04:40	03:50:30.8	+54:01:20	300	90	3.0	#157 IPHAS	2	
0075.IPHAS_B360	900	04:43	05:52:59.0	+02:01:20	300	90	3.0	#157 IPHAS	2	actually J05525903+0201198 from prog 175
0076.COMP	12	04:59	05:52:59.0	+02:01:20	300	90	3.0	#157 IPHAS	2	
0077.J05531667+0126456	720	05:01	05:53:16.7	+01:26:46	300	90	3.0	#175 Lynds 162	2	star to E
0078.COMP	12	05:14	05:53:16.7	+01:26:46	300	90	3.0	#175 Lynds 162	2	
0079.J05533298+0217200	900	05:16	05:53:33.0	+02:17:20	300	90	3.0	#175 Lynds 162	2	
0080.COMP	12	05:31	05:53:33.0	+02:17:20	300	90	3.0	#175 Lynds 162	2	
0081.J05534090+0138140	420	05:33	05:53:40.9	+01:38:14	300	90	3.0	#175 Lynds 162	2	
0082.COMP	12	05:41	05:53:40.9	+01:38:14	300	90	3.0	#175 Lynds 162	2	
0083-0092.FLAT	45	05:56	05:53:40.9	+01:38:14	600	90	2.0	#166 HV Stars	4	
0093.Feige34	120	05:59	10:39:36.9	+43:06:11	600	90	2.0	#56 Spectropho	4	
0094.COMP	10	06:01	10:39:36.9	+43:06:11	600	90	2.0	#56 Spectropho	4	

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<i>File</i>	<i>Exp Time</i>	<i>UT Start</i>	<i>RA</i>	<i>Dec</i>	<i>Gr.</i>	<i>P.A.</i>	<i>Slit</i>	<i>Program</i>	<i>Bin</i>	<i>Comments</i>
0095.COMP	10	06:31	11:27:01.8	+21:55:50	600	90	2.0	#166 Hyper Vel	4	
0096.bcand262	1500	06:35	11:36:22.9	+18:30:50	600	90	2.0	#166 Hyper Vel	4	
0097.COMP	10	07:01	11:36:22.9	+18:30:50	600	90	2.0	#166 Hyper Vel	4	
0098.bcand261	1500	07:05	11:27:01.8	+21:55:50	600	90	2.0	#166 Hyper Vel	4	
0099.COMP	10	07:30	11:27:01.8	+21:55:50	600	90	2.0	#166 Hyper Vel	4	
0100.bcand265	1020	07:34	11:41:32.7	+21:03:54	600	90	2.0	#166 Hyper Vel	4	
0101.COMP	10	07:51	11:41:32.7	+21:03:54	600	90	2.0	#166 Hyper Vel	4	
0102.bcand270	1620	07:58	12:28:28.5	+28:17:07	600	90	2.0	#166 Hyper Vel	4	
0103.COMP	10	08:26	12:28:28.5	+28:17:07	600	90	2.0	#166 Hyper Vel	4	
0104.bcand271	1020	08:29	12:42:19.7	+27:27:56	600	90	2.0	#166 Hyper Vel	4	
0105.COMP	10	08:46	12:42:19.7	+27:27:56	600	90	2.0	#166 Hyper Vel	4	
0106.bcand276	1440	08:49	12:09:24.2	+16:30:25	600	90	2.0	#166 Hyper Vel	4	
0107.COMP	10	09:14	12:09:24.2	+16:30:25	600	90	2.0	#166 Hyper Vel	4	
0108.bcand278	1620	09:16	12:14:36.3	+18:32:37	600	90	2.0	#166 Hyper Vel	4	
0109.COMP	10	09:44	12:14:36.3	+18:32:37	600	90	2.0	#166 Hyper Vel	4	
0110.bcand279	1620	09:45	12:16:21.3	+16:48:25	600	90	2.0	#166 Hyper Vel	4	
0111.COMP	10	10:13	12:16:21.3	+16:48:25	600	90	2.0	#166 Hyper Vel	4	
0112.bcand280	900	10:17	12:20:54.0	+22:42:12	600	90	2.0	#166 Hyper Vel	4	
0113.COMP	10	10:32	12:20:54.0	+22:42:12	600	90	2.0	#166 Hyper Vel	4	
0114.bcand283	780	10:36	12:33:56.3	+23:08:19	600	90	2.0	#166 Hyper Vel	4	

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<i>File</i>	<i>Exp Time</i>	<i>UT Start</i>	<i>RA</i>	<i>Dec</i>	<i>Gr.</i>	<i>P.A.</i>	<i>Slit</i>	<i>Program</i>	<i>Bin</i>	<i>Comments</i>
0115.COMP	10	10:49	12:33:56.3	+23:08:19	600	90	2.0	#166 Hyper Vel	4	
0116.bcand284	900	10:51	12:36:40.1	+22:09:18	600	90	2.0	#166 Hyper Vel	4	
0117.COMP	10	11:07	12:36:40.1	+22:09:18	600	90	2.0	#166 Hyper Vel	4	
0118.Feige34	90	11:17	10:39:36.9	+43:06:11	300	90	3.0	#166 Hyper Vel	2	Prog 56, at PA
0119.Feige34	90	11:19	10:39:36.9	+43:06:11	300	90	3.0	#166 Hyper Vel	2	
0120.COMP	12	11:21	10:39:36.9	+43:06:11	300	90	3.0	#166 Hyper Vel	2	
0121.Feige34	1200	11:27	12:00:27.7	-01:04:52	300	45	3.0	#2 Supernovae	2	
0122.COMP	12	11:48	12:00:27.7	-01:04:52	300	45	3.0	#2 Supernovae	2	
0123.sn2007ac	1500	11:55	16:47:02.4	+40:08:48	300	80	3.0	#2 SN Observat	2	
0124.COMP	12	12:21	16:47:02.4	+40:08:48	300	80	3.0	#2 SN Observat	2	
0125.sn2007ad	1500	12:29	17:24:24.6	+44:56:16	300	70	3.0	#2 SN Observat	2	
0126.COMP	12	12:54	17:24:24.6	+44:56:16	300	70	3.0	#2 SN Observat	2	
0127.BDp262606	45	12:57	14:49:02.4	+25:42:09	300	90	3.0	#56 Spectropho	2	
0128.BDp262606	45	12:58	14:49:02.4	+25:42:09	300	90	3.0	#56 Spectropho	2	
0129.COMP	12	12:59	14:49:02.4	+25:42:09	300	90	3.0	#56 Spectropho	2	
0130.AGDra	2	13:02	16:01:41.0	+66:48:10	300	90	3.0	#12 Symbiotic	2	
0131.AGDra	15	13:02	16:01:41.0	+66:48:10	300	90	3.0	#12 Symbiotic	2	
0132.AGDra	45	13:02	16:01:41.0	+66:48:10	300	90	3.0	#12 Symbiotic	2	
0133.COMP	12	13:04	16:01:41.0	+66:48:10	300	90	3.0	#12 Symbiotic	2	
0134.N5548	150	13:06	14:17:59.6	+25:08:12	300	90	3.0	#6 AGN Monitor	2	

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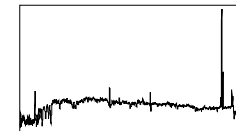
<i>File</i>	<i>Exp Time</i>	<i>UT Start</i>	<i>RA</i>	<i>Dec</i>	<i>Gr.</i>	<i>P.A.</i>	<i>Slit</i>	<i>Program</i>	<i>Bin</i>	<i>Comments</i>
0135.N5548	150	13:08	14:17:59.6	+25:08:12	300	90	3.0	#6 AGN Monitor	2	
0136.N5548	150	13:11	14:17:59.6	+25:08:12	300	90	3.0	#6 AGN Monitor	2	
0137.COMP	12	13:14	14:17:59.6	+25:08:12	300	90	3.0	#6 AGN Monitor	2	
0138-0147.BIAS	0	13:29	14:17:59.6	+25:08:12	300	90	3.0	#56 Spectropho	4	
0148-0157.FLAT	12	13:32	14:17:59.6	+25:08:12	300	90	3.0	#56 Spectropho	4	
0158-0167.BIAS	0	13:34	14:17:59.6	+25:08:12	300	90	3.0	#56 Spectropho	2	
0168-0182.FLAT	25	13:43	14:17:59.6	+25:08:12	300	90	3.0	#56 Spectropho	2	
0183-0191.DARK	900	15:57	14:17:59.6	+25:08:12	300	90	3.0	#56 Spectropho	4	

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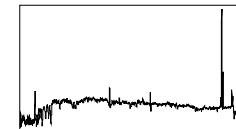
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001-0005.DARK	900	00:04	14:17:59.6	+25:08:12	300	90	3.0	#56 Spectropho	2	
0006-0015.BIAS	0	02:19	14:17:59.6	+25:08:12	300	90	3.0	#56 Spectropho	2	
0016-0030.FLAT	25	02:28	14:17:59.6	+25:08:12	300	90	3.0	#56 Spectropho	2	
0031.COMP	12	02:34	14:17:59.6	+25:08:12	300	90	3.0	#56 Spectropho	2	
0032.FLAT	25	02:55	14:17:59.6	+25:08:12	300	90	3.0	#56 Spectropho	2	
0033.COMP	12	05:37	14:17:59.6	+25:08:12	300	90	3.0	#56 Spectropho	2	
0034.N3377	180	05:39	10:45:02.6	+14:14:51	300	90	3.0	#57 Velocity S	2	
0035.COMP	12	05:42	10:45:02.6	+14:14:51	300	90	3.0	#57 Velocity S	2	
0036.N3377	180	05:43	10:45:02.6	+14:14:51	300	90	3.0	#57 Velocity S	2	
0037.COMP	12	05:47	10:45:02.6	+14:14:51	300	90	3.0	#57 Velocity S	2	
0038.Feige34	150	05:57	10:39:36.9	+43:06:11	300	70	3.0	#56 Spectropho	2	slit rotated to 70
0039.Feige34	180	06:00	10:39:36.9	+43:06:11	300	70	3.0	#56 Spectropho	2	slit rotated to 70
0040.Feige34	180	06:04	10:39:36.9	+43:06:11	300	70	3.0	#56 Spectropho	2	slit rotated to 70
0041.COMP	12	06:08	10:39:36.9	+43:06:11	300	70	3.0	#56 Spectropho	2	
0042.HD84937	10	06:14	09:48:54.9	+13:45:14	300	-30	3.0	#56 Spectropho	2	slit rotated to -30
0043.HD84937	10	06:15	09:48:54.9	+13:45:14	300	-30	3.0	#56 Spectropho	2	slit rotated to -30
0044.HD84937	10	06:15	09:48:54.9	+13:45:14	300	-30	3.0	#56 Spectropho	2	slit rotated to -30
0045.COMP	12	06:16	09:48:54.9	+13:45:14	300	-30	3.0	#56 Spectropho	2	
0046.4dlxfast044	1200	06:54	10:30:27.6	+57:39:20	300	90	3.0	#172 SDSS Clus	2	slit rotated back to 90
0047.COMP	12	07:15	10:30:27.6	+57:39:20	300	90	3.0	#172 SDSS Clus	2	

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<i>File</i>	<i>Exp Time</i>	<i>UT Start</i>	<i>RA</i>	<i>Dec</i>	<i>Gr.</i>	<i>P.A.</i>	<i>Slit</i>	<i>Program</i>	<i>Bin</i>	<i>Comments</i>
0048.4dlxfast045	900	07:19	10:31:35.5	+56:55:14	300	90	3.0	#172 SDSS Clus	2	
0049.COMP	12	07:36	10:31:35.5	+56:55:14	300	90	3.0	#172 SDSS Clus	2	
0050.4dlxfast046	900	07:44	10:32:20.2	+56:04:52	300	90	3.0	#172 SDSS Clus	2	
0051.COMP	12	08:00	10:32:20.2	+56:04:52	300	90	3.0	#172 SDSS Clus	2	
0052.4dlxfast054	900	08:04	13:47:54.1	+56:42:48	300	90	3.0	#172 SDSS Clus	2	
0053.COMP	12	08:19	13:47:54.1	+56:42:48	300	90	3.0	#172 SDSS Clus	2	
0054.4dlxfast055	1200	08:24	13:50:58.3	+56:02:37	300	90	3.0	#172 SDSS Clus	2	
0055.COMP	12	08:45	13:50:58.3	+56:02:37	300	90	3.0	#172 SDSS Clus	2	
0056.4dlxfast056	720	08:47	13:51:42.1	+55:59:43	300	90	3.0	#172 SDSS Clus	2	
0057.COMP	12	09:00	13:51:42.1	+55:59:43	300	90	3.0	#172 SDSS Clus	2	
0058.fmfa389	600	09:13	13:31:29.6	+11:07:57	300	90	3.0	#171 Local Uni	2	
0059.COMP	12	09:23	13:31:29.6	+11:07:57	300	90	3.0	#171 Local Uni	2	
0060.fmfa390	600	09:26	13:32:13.4	+12:35:17	300	90	3.0	#171 Local Uni	2	
0061.COMP	12	09:36	13:32:13.4	+12:35:17	300	90	3.0	#171 Local Uni	2	
0062.fmfa391	650	09:39	13:33:46.5	+11:46:18	300	90	3.0	#171 Local Uni	2	
0063.COMP	12	09:51	13:33:46.5	+11:46:18	300	90	3.0	#171 Local Uni	2	
0064.fmfa392	600	09:52	13:34:30.0	+11:48:50	300	90	3.0	#171 Local Uni	2	
0065.COMP	12	10:03	13:34:30.0	+11:48:50	300	90	3.0	#171 Local Uni	2	
0066.fmfa393	600	10:06	14:37:50.2	+03:28:52	300	90	3.0	#171 Local Uni	2	
0067.COMP	12	10:16	14:37:50.2	+03:28:52	300	90	3.0	#171 Local Uni	2	

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<i>File</i>	<i>Exp Time</i>	<i>UT Start</i>	<i>RA</i>	<i>Dec</i>	<i>Gr.</i>	<i>P.A.</i>	<i>Slit</i>	<i>Program</i>	<i>Bin</i>	<i>Comments</i>
0068.fmfa395	600	10:20	14:42:42.6	+03:24:17	300	90	3.0	#171 Local Uni	2	
0069.COMP	12	10:31	14:42:42.6	+03:24:17	300	90	3.0	#171 Local Uni	2	
0070-0079.BIAS	0	12:44	14:42:42.6	+03:24:17	300	90	3.0	#172 SDSS Clus	2	
0080-0094.FLAT	25	12:53	14:42:42.6	+03:24:17	300	90	3.0	#172 SDSS Clus	2	
0095-0099.DARK	900	14:02	14:42:42.6	+03:24:17	300	90	3.0	#172 SDSS Clus	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001-0004.DARK	900	23:45	14:42:42.6	+03:24:17	300	90	3.0	#172 SDSS Clus	2	
0005.test	10	00:01	14:42:42.6	+03:24:17	300	90	3.0	#172 SDSS Clus	2	Perry was adjusting tilt angle
0006.test	10	00:01	14:42:42.6	+03:24:17	300	90	3.0	#172 SDSS Clus	2	
0007.test	10	00:02	14:42:42.6	+03:24:17	300	90	3.0	#172 SDSS Clus	2	
0008.test	10	00:04	14:42:42.6	+03:24:17	300	90	3.0	#172 SDSS Clus	2	
0009.test	10	00:05	14:42:42.6	+03:24:17	300	90	3.0	#172 SDSS Clus	2	
0010.DARK	900	00:06	14:42:42.6	+03:24:17	300	90	3.0	#172 SDSS Clus	2	
0011-0020.BIAS	0	01:40	14:42:42.6	+03:24:17	300	90	3.0	#172 SDSS Clus	2	
0021-0035.FLAT	25	01:49	14:42:42.6	+03:24:17	300	90	3.0	#172 SDSS Clus	2	
0036.COMP	12	02:30	14:42:42.6	+03:24:17	300	90	3.0	#172 SDSS Clus	2	
0037.cvso-077571	360	02:48	05:57:01.9	+02:49:30	300	90	3.0	#112 Orion PMS	2	
0038.COMP	12	02:54	05:57:01.9	+02:49:30	300	90	3.0	#112 Orion PMS	2	
0039.cvso-077777	360	02:58	05:57:11.4	+02:45:36	300	90	3.0	#112 Orion PMS	2	
0040.COMP	12	03:05	05:57:11.4	+02:45:36	300	90	3.0	#112 Orion PMS	2	
0041.cvso-077777	660	03:06	05:57:11.4	+02:45:36	300	90	3.0	#112 Orion PMS	2	longer exposure to increase counts
0042.COMP	12	03:18	05:57:11.4	+02:45:36	300	90	3.0	#112 Orion PMS	2	
0043.J05535869+0144094	300	03:25	05:53:58.7	+01:44:09	300	90	3.0	#175 Lynds 162	2	
0044.COMP	12	03:31	05:53:58.7	+01:44:09	300	90	3.0	#175 Lynds 162	2	
0045.J05540235+0140304	240	03:37	05:54:02.4	+01:40:30	300	90	3.0	#175 Lynds 162	2	bright star/nebula to E
0046.COMP	12	03:41	05:54:02.4	+01:40:30	300	90	3.0	#175 Lynds 162	2	

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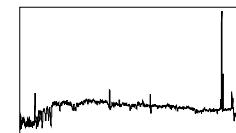
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0047.J05540718+0139007	300	03:49	05:54:07.2	+01:39:01	300	90	3.0	#175 Lynds 162	2	
0048.COMP	12	03:54	05:54:07.2	+01:39:01	300	90	3.0	#175 Lynds 162	2	
0049.J05542080+0142554	900	03:57	05:54:20.8	+01:42:55	300	90	3.0	#175 Lynds 162	2	
0050.COMP	12	04:14	05:54:20.8	+01:42:55	300	90	3.0	#175 Lynds 162	2	
0051.J05540189+0140272	30	04:17	05:54:01.9	+01:40:27	300	90	3.0	#175 Lynds 162	2	
0052.J05542031+0142518	1560	04:22	05:54:20.3	+01:42:52	300	90	3.0	#175 Lynds 162	2	
0053.COMP	12	04:49	05:54:20.3	+01:42:52	300	90	3.0	#175 Lynds 162	2	
0054.J05542031+0142518	3600	04:55	05:54:20.3	+01:42:52	300	90	3.0	#175 Lynds 162	2	
0055.COMP	12	05:56	05:54:20.3	+01:42:52	300	90	3.0	#175 Lynds 162	2	
0056.J05542031+0142518	120	05:59	05:54:20.3	+01:42:52	300	90	3.0	#175 Lynds 162	2	
0057.COMP	12	06:02	05:54:20.3	+01:42:52	300	90	3.0	#175 Lynds 162	2	
0058.J05542669+0152154	1200	06:06	05:54:26.7	+01:52:15	300	90	3.0	#175 Lynds 162	2	close star to E
0059.COMP	12	06:26	05:54:26.7	+01:52:15	300	90	3.0	#175 Lynds 162	2	
0060.HD84937	20	06:52	09:48:54.9	+13:45:14	300	90	3.0	#56 Spectropho	2	
0061.HD84937	10	06:53	09:48:54.9	+13:45:14	300	90	3.0	#56 Spectropho	2	
0062.HD84937	10	06:53	09:48:54.9	+13:45:14	300	90	3.0	#56 Spectropho	2	
0063.COMP	12	06:54	09:48:54.9	+13:45:14	300	90	3.0	#56 Spectropho	2	
0064.sn2007S	1200	06:59	10:00:31.3	+04:24:26	300	0	3.0	#2 SN Observat	2	Slit rotated to 0 but forgot to note in comments
0065.COMP	12	07:19	10:00:31.3	+04:24:26	300	0	3.0	#2 SN Observat	2	
0066.N3227	150	07:27	10:23:30.6	+19:51:54	300	90	3.0	#6 AGN Monitor	2	

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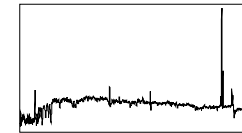
<i>File</i>	<i>Exp Time</i>	<i>UT Start</i>	<i>RA</i>	<i>Dec</i>	<i>Gr.</i>	<i>P.A.</i>	<i>Slit</i>	<i>Program</i>	<i>Bin</i>	<i>Comments</i>
0067.N3227	150	07:29	10:23:30.6	+19:51:54	300	90	3.0	#6 AGN Monitor	2	
0068.COMP	12	07:33	10:23:30.6	+19:51:54	300	90	3.0	#6 AGN Monitor	2	
0069.Feige34	30	07:50	10:39:36.9	+43:06:11	300	90	3.0	#56 Spectropho	2	
0070.Feige34	180	07:51	10:39:36.9	+43:06:11	300	90	3.0	#56 Spectropho	2	
0071.Feige34	180	07:55	10:39:36.9	+43:06:11	300	90	3.0	#56 Spectropho	2	
0072.COMP	12	07:58	10:39:36.9	+43:06:11	300	90	3.0	#56 Spectropho	2	
0073.fmb179	720	08:01	12:54:12.0	+27:37:34	300	90	3.0	#171f Local Un	2	
0074.COMP	12	08:13	12:54:12.0	+27:37:34	300	90	3.0	#171f Local Un	2	
0075.N4051	150	08:17	12:03:09.7	+44:31:53	300	90	3.0	#6 AGN Monitor	2	
0076.COMP	12	08:20	12:03:09.7	+44:31:53	300	90	3.0	#6 AGN Monitor	2	
0077.N4051	150	08:20	12:03:09.7	+44:31:53	300	90	3.0	#6 AGN Monitor	2	
0078.COMP	12	08:23	12:03:09.7	+44:31:53	300	90	3.0	#6 AGN Monitor	2	
0079.N4151	30	08:27	12:10:32.6	+39:24:21	300	90	3.0	#6 AGN Monitor	2	
0080.N4151	30	08:28	12:10:32.6	+39:24:21	300	90	3.0	#6 AGN Monitor	2	
0081.COMP	12	08:30	12:10:32.6	+39:24:21	300	90	3.0	#6 AGN Monitor	2	
0082.MRK279	300	08:32	13:51:53.6	+69:33:13	300	90	3.0	#6 AGN Monitor	2	
0083.MRK279	300	08:38	13:51:53.6	+69:33:13	300	90	3.0	#6 AGN Monitor	2	
0084.COMP	12	08:43	13:51:53.6	+69:33:13	300	90	3.0	#6 AGN Monitor	2	
0085.N5548	150	08:47	14:17:59.6	+25:08:12	300	90	3.0	#6 AGN Monitor	2	
0086.N5548	150	08:50	14:17:59.6	+25:08:12	300	90	3.0	#6 AGN Monitor	2	

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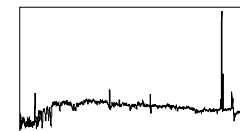
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0087.N5548	150	08:53	14:17:59.6	+25:08:12	300	90	3.0	#6 AGN Monitor	2	
0088.COMP	12	08:56	14:17:59.6	+25:08:12	300	90	3.0	#6 AGN Monitor	2	
0089.sn07aa	1500	09:12	12:00:27.7	-01:04:52	300	20	3.0	#2 Supernovae	2	slit only rotated to 20 degrees to avoid pulling cords
0090.COMP	12	09:37	12:00:27.7	-01:04:52	300	20	3.0	#2 Supernovae	2	
0091.N4486B	300	09:48	12:30:32.0	+12:29:25	300	90	3.0	#57 Velocity S	2	
0092.COMP	12	09:54	12:30:32.0	+12:29:25	300	90	3.0	#57 Velocity S	2	
0093.sn2007F	1500	10:00	13:03:15.1	+50:37:08	300	0	3.0	#2 SN Observat	2	
0094.COMP	12	10:25	13:03:15.1	+50:37:08	300	0	3.0	#2 SN Observat	2	
0095.14114238-1941189	360	10:42	14:11:42.4	-19:41:19	300	90	3.0	#141 Mapping t	2	
0096.COMP	12	10:49	14:11:42.4	-19:41:19	300	90	3.0	#141 Mapping t	2	
0097.13480023-1453209	480	10:53	13:48:00.2	-14:53:21	300	90	3.0	#141 Mapping t	2	
0098.COMP	12	11:03	13:48:00.2	-14:53:21	300	90	3.0	#141 Mapping t	2	
0099.sn2007ac	1500	11:19	16:47:02.4	+40:08:48	300	90	3.0	#2 SN Observat	2	galaxy VERY CLOSE to E. SN barely resolved from gal.
0100.COMP	12	11:44	16:47:02.4	+40:08:48	300	90	3.0	#2 SN Observat	2	
0101.sn2007ac	1500	12:01	17:01:51.9	+79:01:55	300	50	3.0	#2 SN Observat	2	slit rotated to 50
0102.COMP	12	12:27	17:01:51.9	+79:01:55	300	50	3.0	#2 SN Observat	2	
0103.AGDra	2	12:32	16:01:41.0	+66:48:10	300	90	3.0	#12 Symbiotic	2	slit rotated back to 90
0104.AGDra	15	12:32	16:01:41.0	+66:48:10	300	90	3.0	#12 Symbiotic	2	
0105.AGDra	45	12:32	16:01:41.0	+66:48:10	300	90	3.0	#12 Symbiotic	2	
0106.COMP	12	12:34	16:01:41.0	+66:48:10	300	90	3.0	#12 Symbiotic	2	

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<i>File</i>	<i>Exp Time</i>	<i>UT Start</i>	<i>RA</i>	<i>Dec</i>	<i>Gr.</i>	<i>P.A.</i>	<i>Slit</i>	<i>Program</i>	<i>Bin</i>	<i>Comments</i>
0107.AGDra	1500	12:39	17:01:51.9	+79:01:55	300	90	3.0	#12 Symbiotic	2	This is NOT AGDra, it is sn2007ae
0108-0117.BIAS	0	13:37	17:01:51.9	+79:01:55	300	90	3.0	#12 Symbiotic	2	
0118-0132.FLAT	25	13:45	17:01:51.9	+79:01:55	300	90	3.0	#12 Symbiotic	2	
0133-0137.DARK	900	15:07	17:01:51.9	+79:01:55	300	90	3.0	#12 Symbiotic	2	

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<i>File</i>	<i>Exp Time</i>	<i>UT Start</i>	<i>RA</i>	<i>Dec</i>	<i>Gr.</i>	<i>P.A.</i>	<i>Slit</i>	<i>Program</i>	<i>Bin</i>	<i>Comments</i>
0001-0005.DARK	900	00:44	17:01:51.9	+79:01:55	300	90	3.0	#12 Symbiotic	2	
0006-0015.BIAS	0	01:04	17:01:51.9	+79:01:55	300	90	3.0	#12 Symbiotic	2	
0016-0030.FLAT	25	01:13	17:01:51.9	+79:01:55	300	90	3.0	#12 Symbiotic	2	
0031.COMP	12	01:48	17:01:51.9	+79:01:55	300	90	3.0	#12 Symbiotic	2	
0032.fastfoc	12	02:09	17:01:51.9	+79:01:55	300	90	3.0	#12 Symbiotic	2	
0033.fastfoc	12	02:09	17:01:51.9	+79:01:55	300	90	3.0	#12 Symbiotic	2	
0034.fastfoc	12	02:10	17:01:51.9	+79:01:55	300	90	3.0	#12 Symbiotic	2	
0035.fastfoc	12	02:10	17:01:51.9	+79:01:55	300	90	3.0	#12 Symbiotic	2	
0036.fastfoc	12	02:11	17:01:51.9	+79:01:55	300	90	3.0	#12 Symbiotic	2	
0037.fastfoc	12	02:11	17:01:51.9	+79:01:55	300	90	3.0	#12 Symbiotic	2	
0038.fastfoc	12	02:12	17:01:51.9	+79:01:55	300	90	3.0	#12 Symbiotic	2	
0039.fastfoc	12	02:12	17:01:51.9	+79:01:55	300	90	3.0	#12 Symbiotic	2	
0040.fastfoc	12	02:12	17:01:51.9	+79:01:55	300	90	3.0	#12 Symbiotic	2	
0041.fastfoc	12	02:13	17:01:51.9	+79:01:55	300	90	3.0	#12 Symbiotic	2	
0042.fastfoc	12	02:17	17:01:51.9	+79:01:55	300	90	3.0	#12 Symbiotic	2	
0043.fastfoc	12	02:17	17:01:51.9	+79:01:55	300	90	3.0	#12 Symbiotic	2	
0044.fastfoc	12	02:18	17:01:51.9	+79:01:55	300	90	3.0	#12 Symbiotic	2	
0045.fastfoc	12	02:18	17:01:51.9	+79:01:55	300	90	3.0	#12 Symbiotic	2	
0046.fastfoc	12	02:18	17:01:51.9	+79:01:55	300	90	3.0	#12 Symbiotic	2	
0047.fastfoc	12	02:19	17:01:51.9	+79:01:55	300	90	3.0	#12 Symbiotic	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0048.fastfoc	12	02:19	17:01:51.9	+79:01:55	300	90	3.0	#12 Symbiotic	2	
0049.fastfoc	12	02:20	17:01:51.9	+79:01:55	300	90	3.0	#12 Symbiotic	2	
0050.fastfoc	12	02:20	17:01:51.9	+79:01:55	300	90	3.0	#12 Symbiotic	2	
0051.fastfoc	12	02:21	17:01:51.9	+79:01:55	300	90	3.0	#12 Symbiotic	2	
0052.NGC1700	10	02:42	04:56:58.1	-04:52:23	300	90	3.0	#57 Velocity S	2	
0053.COMP	12	02:43	04:56:58.1	-04:52:23	300	90	3.0	#57 Velocity S	2	
0054.HD52071	5	02:49	06:57:51.0	+27:13:42	300	90	3.0	#57 Velocity S	2	
0055.COMP	12	02:50	06:57:51.0	+27:13:42	300	90	3.0	#57 Velocity S	2	
0056.Akn120	300	02:57	05:13:38.0	-00:12:15	300	90	3.0	#6 AGN Monitor	2	stars to E and W
0057.COMP	12	03:03	05:13:38.0	-00:12:15	300	90	3.0	#6 AGN Monitor	2	
0058.04250944+3936125	1200	03:20	04:25:09.4	+39:36:13	300	90	3.0	#141 Mapping t	2	
0059.COMP	12	03:41	04:25:09.4	+39:36:13	300	90	3.0	#141 Mapping t	2	
0060.04334163+3519203	1200	03:50	04:33:41.6	+35:19:20	300	90	3.0	#141 Mapping t	2	
0061.COMP	12	04:11	04:33:41.6	+35:19:20	300	90	3.0	#141 Mapping t	2	
0062.07410662+0529472	1200	04:36	07:41:06.6	+05:29:47	300	90	3.0	#141 Mapping t	2	
0063.COMP	12	04:57	07:41:06.6	+05:29:47	300	90	3.0	#141 Mapping t	2	
0064.amali	0	05:10	09:32:57.0	+15:56:28	300	90	3.0	#141 Mapping t	2	Saturn. Just for fun.
0065.amali	1	05:13	09:32:57.0	+15:56:28	300	90	3.0	#141 Mapping t	2	Moon of Saturn.
0066.COMP	12	05:15	09:32:57.0	+15:56:28	300	90	3.0	#141 Mapping t	2	
0067.07421389+5023274	900	05:27	07:42:13.9	+50:23:27	300	90	3.0	#141 Mapping t	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0068.COMP	12	05:42	07:42:13.9	+50:23:27	300	90	3.0	#141 Mapping t	2	
0069.07451686-0307471	600	05:48	07:45:16.9	-03:07:47	300	90	3.0	#141 Mapping t	2	
0070.COMP	12	05:59	07:45:16.9	-03:07:47	300	90	3.0	#141 Mapping t	2	
0071.07451686-0307471	1200	06:00	07:45:16.9	-03:07:47	300	90	3.0	#141 Mapping t	2	
0072.COMP	12	06:21	07:45:16.9	-03:07:47	300	90	3.0	#141 Mapping t	2	
0073.07425295+0916527	900	06:27	07:42:52.9	+09:16:53	300	90	3.0	#141 Mapping t	2	
0074.COMP	12	06:43	07:42:52.9	+09:16:53	300	90	3.0	#141 Mapping t	2	
0075.HD84937	15	06:50	09:48:54.9	+13:45:14	300	90	3.0	#56 Spectropho	2	
0076.HD84937	20	06:52	09:48:54.9	+13:45:14	300	90	3.0	#56 Spectropho	2	
0077.COMP	12	06:53	09:48:54.9	+13:45:14	300	90	3.0	#56 Spectropho	2	
0078.sn2007S	1200	07:00	10:00:31.3	+04:24:26	300	10	3.0	#2 SN Observat	2	Slit rotated to 10, forgot to note in comments
0079.COMP	12	07:21	10:00:31.3	+04:24:26	300	10	3.0	#2 SN Observat	2	
0080.N3227	150	07:26	10:23:30.6	+19:51:54	300	90	3.0	#6 AGN Monitor	2	Slit returned to 90
0081.N3227	150	07:29	10:23:30.6	+19:51:54	300	90	3.0	#6 AGN Monitor	2	
0082.COMP	12	07:33	10:23:30.6	+19:51:54	300	90	3.0	#6 AGN Monitor	2	
0083.N4051	150	07:44	12:03:09.7	+44:31:53	300	90	3.0	#6 AGN Monitor	2	
0084.N4051	150	07:47	12:03:09.7	+44:31:53	300	90	3.0	#6 AGN Monitor	2	
0085.COMP	12	07:50	12:03:09.7	+44:31:53	300	90	3.0	#6 AGN Monitor	2	
0086.Feige34	180	07:53	10:39:36.9	+43:06:11	300	90	3.0	#56 Spectropho	2	
0087.Feige34	180	07:57	10:39:36.9	+43:06:11	300	90	3.0	#56 Spectropho	2	

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<i>File</i>	<i>Exp Time</i>	<i>UT Start</i>	<i>RA</i>	<i>Dec</i>	<i>Gr.</i>	<i>P.A.</i>	<i>Slit</i>	<i>Program</i>	<i>Bin</i>	<i>Comments</i>
0088.COMP	12	08:02	10:39:36.9	+43:06:11	300	90	3.0	#56 Spectropho	2	
0089.fmb179	600	08:09	12:54:12.0	+27:37:34	300	90	3.0	#171f Local Un	2	
0090.COMP	12	08:20	12:54:12.0	+27:37:34	300	90	3.0	#171f Local Un	2	
0091.fmb180	500	08:23	12:54:47.7	+27:20:25	300	90	3.0	#171f Local Un	2	
0092.COMP	12	08:31	12:54:47.7	+27:20:25	300	90	3.0	#171f Local Un	2	
0093.fmb181	240	08:33	12:55:29.7	+27:31:10	300	90	3.0	#171f Local Un	2	
0094.COMP	12	08:38	12:55:29.7	+27:31:10	300	90	3.0	#171f Local Un	2	
0095.fmb182	300	08:41	12:56:00.0	+28:11:13	300	90	3.0	#171f Local Un	2	
0096.COMP	12	08:47	12:56:00.0	+28:11:13	300	90	3.0	#171f Local Un	2	
0097.fmb183	360	08:48	12:56:11.0	+28:09:47	300	90	3.0	#171f Local Un	2	
0098.COMP	12	08:55	12:56:11.0	+28:09:47	300	90	3.0	#171f Local Un	2	
0099.fmb184	360	08:59	12:56:35.2	+28:16:32	300	90	3.0	#171f Local Un	2	
0100.COMP	12	09:06	12:56:35.2	+28:16:32	300	90	3.0	#171f Local Un	2	
0101.fmb185	480	09:08	12:58:09.8	+28:42:32	300	90	3.0	#171f Local Un	2	
0102.COMP	12	09:16	12:58:09.8	+28:42:32	300	90	3.0	#171f Local Un	2	
0103.fmb186	300	09:18	12:59:46.1	+27:51:26	300	90	3.0	#171f Local Un	2	
0104.COMP	12	09:24	12:59:46.1	+27:51:26	300	90	3.0	#171f Local Un	2	
0105.fmb187	720	09:26	13:00:03.7	+26:49:13	300	90	3.0	#171f Local Un	2	
0106.COMP	12	09:39	13:00:03.7	+26:49:13	300	90	3.0	#171f Local Un	2	
0107.fmb188	900	09:41	13:00:21.7	+26:54:22	300	90	3.0	#171f Local Un	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0108.COMP	12	09:57	13:00:21.7	+26:54:22	300	90	3.0	#171f Local Un	2	
0109.sn2007C	1500	10:07	13:08:49.3	-06:47:01	300	0	3.0	#2 SN Observat	2	slit rotated to 0. SN is the central object.
0110.COMP	12	10:32	13:08:49.3	-06:47:01	300	0	3.0	#2 SN Observat	2	
0111.fmb190	900	10:38	13:04:08.0	+27:57:54	300	90	3.0	#171f Local Un	2	star to W
0112.COMP	12	10:54	13:04:08.0	+27:57:54	300	90	3.0	#171f Local Un	2	
0113.fmb191	1200	10:57	14:51:40.2	+16:14:45	300	90	3.0	#171f Local Un	2	
0114.COMP	12	11:18	14:51:40.2	+16:14:45	300	90	3.0	#171f Local Un	2	
0115.fmb192	720	11:22	14:52:54.0	+16:45:02	300	90	3.0	#171f Local Un	2	
0116.COMP	12	11:34	14:52:54.0	+16:45:02	300	90	3.0	#171f Local Un	2	
0117.fmb193	600	11:37	14:52:57.2	+16:39:53	300	90	3.0	#171f Local Un	2	
0118.COMP	12	11:56	14:17:59.6	+25:08:12	300	90	3.0	#6 AGN Monitor	2	
0119.N5548	150	11:57	14:17:59.6	+25:08:12	300	90	3.0	#6 AGN Monitor	2	
0120.N5548	150	12:00	14:17:59.6	+25:08:12	300	90	3.0	#6 AGN Monitor	2	
0121.N5548	150	12:03	14:17:59.6	+25:08:12	300	90	3.0	#6 AGN Monitor	2	
0122.COMP	12	12:25	17:01:51.9	+79:01:55	300	90	3.0	#6 AGN Monitor	2	
0123.sn2007ae	1800	12:32	17:01:51.9	+79:01:55	300	25	3.0	#2 Supernovae	2	This is sn2007ae! Not N5548!
0124.COMP	12	13:04	17:01:51.9	+79:01:55	300	25	3.0	#2 Supernovae	2	
0125-0134.BIAS	0	13:31	17:01:51.9	+79:01:55	300	90	3.0	#2 Supernovae	2	
0135-0149.FLAT	25	13:40	17:01:51.9	+79:01:55	300	90	3.0	#2 Supernovae	2	
0150-0154.DARK	900	14:46	17:01:51.9	+79:01:55	300	90	3.0	#2 Supernovae	2	