

UT Date 2006-05-02 Observers W. BrownColl. Focus 970 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001.BIAS	0	23:56	20:12:33.1	40:16:05	300	90	3.0	#2 SN Observat	4	x10 300 gpm foc=970
0002-0010.BIAS	0	23:57	20:12:33.1	40:16:05	300	90	3.0	#2 SN Observat	4	
0011.FLAT	8	23:57	20:12:33.1	40:16:05	300	90	3.0	#2 SN Observat	4	x10
0012-0020.FLAT	8	0:00	20:12:33.1	40:16:05	300	90	3.0	#2 SN Observat	4	
0021.BIAS	0	0:00	20:12:33.1	40:16:05	300	90	3.0	#2 SN Observat	2	x10
0022-0030.BIAS	0	0:02	20:12:33.1	40:16:05	300	90	3.0	#2 SN Observat	2	
0031.FLAT	16	0:03	20:12:33.1	40:16:05	300	90	3.0	#2 SN Observat	2	x21
0032-0051.FLAT	16	0:13	20:12:33.1	40:16:05	300	90	3.0	#2 SN Observat	2	
0052.DARK	900	0:31	20:12:33.1	40:16:05	300	90	3.0	#2 SN Observat	2	x7
0053-0058.DARK	900	2:03	20:12:33.1	40:16:05	300	90	3.0	#2 SN Observat	2	
0059.N3377	240	2:57	10:45:02.6	+14:14:51	300	90	3.0	#57 Velocity S	4	
0060.COMP	5	3:01	10:45:02.6	+14:14:51	300	90	3.0	#57 Velocity S	4	
0061.Feige34	150	3:03	10:39:36.8	43:06:10	300	20	3.0	#56 Spectropho	2	
0062.COMP	10	3:06	10:39:36.8	43:06:10	300	20	3.0	#56 Spectropho	2	
0063.HD84937	10	3:08	09:48:54.8	13:45:13	300	20	3.0	#56 Spectropho	2	
0064.COMP	10	3:08	09:48:54.8	13:45:13	300	20	3.0	#56 Spectropho	2	
0065.sn2006bp	1200	3:11	11:53:55.7	+52:21:09	300	38	3.0	#2 SN Observat	2	
0066.COMP	10	3:32	11:53:55.7	+52:21:09	300	38	3.0	#2 SN Observat	2	
0067.cirfastb019	360	3:35	07:45:53.4	29:48:44	300	90	3.0	#64f Cluster I	4	
0068.COMP	5	3:41	07:45:53.4	29:48:44	300	90	3.0	#64f Cluster I	4	

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0069.cirsfastb020	1200	3:42	07:46:00.7	28:41:58	300	90	3.0	#64f Cluster I	4	
0070.COMP	5	4:03	07:46:00.7	28:41:58	300	90	3.0	#64f Cluster I	4	
0071.cirsfastb021	300	4:04	07:46:17.9	29:46:53	300	90	3.0	#64f Cluster I	4	
0072.COMP	5	4:09	07:46:17.9	29:46:53	300	90	3.0	#64f Cluster I	4	
0073.cirsfastb022	330	4:10	07:46:37.8	28:54:01	300	90	3.0	#64f Cluster I	4	
0074.COMP	5	4:16	07:46:37.8	28:54:01	300	90	3.0	#64f Cluster I	4	
0075.FLAT	24	4:20	07:46:37.8	28:54:01	600	90	2.0	#64f Cluster I	4	600 gpm grating foc=1000
0076-0084.FLAT	24	4:25	07:46:37.8	28:54:01	600	90	2.0	#64f Cluster I	4	
0085.bcand645	600	4:26	13:20:31.6	14:10:19	600	90	2.0	#166 Hyper Vel	4	
0086.COMP	10	4:40	13:20:31.6	14:10:19	600	90	2.0	#166 Hyper Vel	4	
0087.bcand644	1080	4:41	13:20:28.1	2:54:34	600	90	2.0	#166 Hyper Vel	4	
0088.COMP	10	5:00	13:20:28.1	2:54:34	600	90	2.0	#166 Hyper Vel	4	
0089.bcand640	600	5:01	13:14:58.5	11:20:52	600	90	2.0	#166 Hyper Vel	4	
0090.COMP	10	5:11	13:14:58.5	11:20:52	600	90	2.0	#166 Hyper Vel	4	
0091.bcand641	1200	5:13	13:16:02.8	13:00:37	600	90	2.0	#166 Hyper Vel	4	
0092.COMP	10	5:33	13:16:02.8	13:00:37	600	90	2.0	#166 Hyper Vel	4	
0093.bcand646	660	5:34	13:20:32.8	3:11:22	600	90	2.0	#166 Hyper Vel	4	
0094.COMP	10	5:45	13:20:32.8	3:11:22	600	90	2.0	#166 Hyper Vel	4	
0095.bcand643	1382	5:48	13:19:16.1	-1:14:05	600	90	2.0	#166 Hyper Vel	4	
0096.COMP	10	6:11	13:19:16.1	-1:14:05	600	90	2.0	#166 Hyper Vel	4	

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0098.bcand642	1500	6:14	13:18:35.8	2:51:41	600	90	2.0	#166 Hyper Vel	4	note: 97 purged
0099.COMP	10	6:39	13:18:35.8	2:51:41	600	90	2.0	#166 Hyper Vel	4	
0100.test	5	6:46	13:18:35.8	2:51:41	300	90	3.0	#126	4	back to 300 gpm to get T00
0101.grb	300	6:57	16:03:42.2	+66:35:52	300	-38	3.0	#126 GRB	2	can
0102.sn2006_x1	1500	7:07	14:33:56.7	+03:47:55	300	0	3.0	#2 SN Observat	2	
0103.COMP	10	7:32	14:33:56.7	+03:47:55	300	0	3.0	#2 SN Observat	2	
0104.sn2006bt	1500	7:39	15:56:30.5	+20:02:45	300	-40	3.0	#2 SN Observat	2	
0105.COMP	10	8:04	15:56:30.5	+20:02:45	300	-40	3.0	#2 SN Observat	2	
0106.RSOph	0	8:06	17:50:13	-06:42:30	300	-40	3.0	#12 Symbiotic	2	
0107.RSOph	1	8:06	17:50:13	-06:42:30	300	-40	3.0	#12 Symbiotic	2	
0108.RSOph	3	8:06	17:50:13	-06:42:30	300	-40	3.0	#12 Symbiotic	2	
0109.RSOph	10	8:07	17:50:13	-06:42:30	300	-40	3.0	#12 Symbiotic	2	
0110.COMP	10	8:07	17:50:13	-06:42:30	300	-40	3.0	#12 Symbiotic	2	
0111.BDp332642	30	8:10	15:51:59.9	32:56:54	300	80	3.0	#56 Spectropho	2	
0112.COMP	10	8:11	15:51:59.9	32:56:54	300	80	3.0	#56 Spectropho	2	
0113.FLAT	16	8:12	15:51:59.9	32:56:54	300	90	3.0	#126	2	x21
0114-0133.FLAT	16	8:22	15:51:59.9	32:56:54	300	90	3.0	#126	2	
0134.FLAT	120	8:26	15:51:59.9	32:56:54	600	90	2.0	#126	4	
0136.COMP	10	8:28	15:51:59.9	32:56:54	600	90	2.0	#126	4	back to 600 gpm now that T00
0137.BDp332642	120	8:30	15:51:59.9	32:56:54	600	90	2.0	#56 Spectropho	4	TCS problem; rebooting realtime system

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0138.bcand724	660	8:35	14:38:48.8	11:58:38	600	90	2.0	#166 Hyper Vel	4	
0139.COMP	10	8:46	14:38:48.8	11:58:38	600	90	2.0	#166 Hyper Vel	4	
0140.bcand737	1380	8:48	14:56:33.9	9:58:10	600	90	2.0	#166 Hyper Vel	4	
0141.COMP	10	9:12	14:56:33.9	9:58:10	600	90	2.0	#166 Hyper Vel	4	
0142.bcand735	900	9:13	14:51:30.3	8:47:32	600	90	2.0	#166 Hyper Vel	4	
0143.COMP	10	9:28	14:51:30.3	8:47:32	600	90	2.0	#166 Hyper Vel	4	
0144.bcand729	540	9:29	14:47:37.8	11:39:58	600	90	2.0	#166 Hyper Vel	4	
0145.COMP	10	9:38	14:47:37.8	11:39:58	600	90	2.0	#166 Hyper Vel	4	
0146.bcand725	720	9:39	14:39:30.1	22:29:32	600	90	2.0	#166 Hyper Vel	4	
0147.COMP	10	9:51	14:39:30.1	22:29:32	600	90	2.0	#166 Hyper Vel	4	
0148.bcand718	660	9:53	14:33:48.4	39:44:01	600	90	2.0	#166 Hyper Vel	4	
0149.COMP	10	10:04	14:33:48.4	39:44:01	600	90	2.0	#166 Hyper Vel	4	
0150.bcand717	540	10:05	14:32:58.8	35:14:40	600	90	2.0	#166 Hyper Vel	4	
0151.COMP	10	10:14	14:32:58.8	35:14:40	600	90	2.0	#166 Hyper Vel	4	
0152.bcand732	960	10:15	14:49:21.6	25:51:05	600	90	2.0	#166 Hyper Vel	4	
0153.COMP	10	10:31	14:49:21.6	25:51:05	600	90	2.0	#166 Hyper Vel	4	
0154.bcand730	840	10:33	14:48:20.9	32:09:56	600	90	2.0	#166 Hyper Vel	4	
0155.COMP	10	10:47	14:49:55.5	31:03:51	600	90	2.0	#166 Hyper Vel	4	
0156.bcand733	570	10:48	14:49:55.5	31:03:51	600	90	2.0	#166 Hyper Vel	4	
0157.COMP	10	10:58	14:49:55.5	31:03:51	600	90	2.0	#166 Hyper Vel	4	

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0158.bcand823	1140	10:59	15:40:24.1	45:41:49	600	90	2.0	#166 Hyper Vel	4	
0159.COMP	10	11:19	15:40:24.1	45:41:49	600	90	2.0	#166 Hyper Vel	4	
0160.bcand886	1200	11:21	15:40:26.5	23:43:34	600	90	2.0	#166 Hyper Vel	4	
0161.COMP	10	11:41	15:40:26.5	23:43:34	600	90	2.0	#166 Hyper Vel	4	
0162.FLAT	24	11:54	15:40:26.5	23:43:34	600	90	2.0	#166 Hyper Vel	4	x20
0163-0181.FLAT	24	12:03	15:40:26.5	23:43:34	600	90	2.0	#166 Hyper Vel	4	
0182.BIAS	0	12:04	15:40:26.5	23:43:34	600	90	2.0	#166 Hyper Vel	4	x10
0183-0191.BIAS	0	12:05	15:40:26.5	23:43:34	600	90	2.0	#166 Hyper Vel	4	
0192.test	5	12:13	15:40:26.5	23:43:34	300	90	3.0	#166 Hyper Vel	4	changing to 300 gpm for Ted
0193.test	5	12:15	15:40:26.5	23:43:34	300	90	3.0	#166 Hyper Vel	4	
0194-0203.DARK	900	14:32	15:40:26.5	23:43:34	300	90	3.0	#166 Hyper Vel	4	

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0001-0008.DARK	900	23:47	15:40:26.5	23:43:34	300	90	3.0	#166 Hyper Vel	4	
0009.BIAS	0	0:03	15:40:26.5	23:43:34	300	90	3.0	#166 Hyper Vel	2	
0010-0016.DARK	900	1:35	15:40:26.5	23:43:34	300	90	3.0	#166 Hyper Vel	2	
0017-0026.BIAS	0	2:08	15:40:26.5	23:43:34	300	90	3.0	#166 Hyper Vel	4	
0027-0036.FLAT	8	2:11	15:40:26.5	23:43:34	300	90	3.0	#166 Hyper Vel	4	
0037-0046.BIAS	0	2:13	15:40:26.5	23:43:34	300	90	3.0	#166 Hyper Vel	2	
0047-0067.FLAT	16	2:24	15:40:26.5	23:43:34	300	90	3.0	#166 Hyper Vel	2	
0068.HD84937	10	3:00	09:48:54.8	13:45:13	300	20	3.0	#56 Spectropho	2	
0069.HD84937	10	3:01	09:48:54.8	13:45:13	300	20	3.0	#56 Spectropho	2	
0070.HD84937	10	3:02	09:48:54.8	13:45:13	300	20	3.0	#56 Spectropho	2	
0071.COMP	10	3:02	09:48:54.8	13:45:13	300	20	3.0	#56 Spectropho	2	
0072.Feige34	120	3:14	10:39:36.8	43:06:10	300	90	3.0	#56 Spectropho	2	
0073.Feige34	120	3:16	10:39:36.8	43:06:10	300	90	3.0	#56 Spectropho	2	
0074.COMP	10	3:19	10:39:36.8	43:06:10	300	90	3.0	#56 Spectropho	2	
0075.psn	1800	3:57	10:05:14.1	+21:28:32	300	90	3.0	#2 SN Observat	2	
0076.COMP	10	4:28	10:05:14.1	+21:28:32	300	90	3.0	#2 SN Observat	2	
0077.N3377	180	4:34	10:45:02.6	+14:14:51	300	90	3.0	#57 Velocity S	2	
0078.COMP	10	4:40	10:45:02.6	+14:14:51	300	90	3.0	#57 Velocity S	2	
0079.sn2006bp	1200	5:08	11:53:55.7	+52:21:09	300	90	3.0	#2 SN Observat	2	
0080.COMP	10	5:29	11:53:55.7	+52:21:09	300	90	3.0	#2 SN Observat	2	

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0081.cirsfastb232	1200	5:42	12:00:21.0	56:17:21	300	90	3.0	#64f Cluster I	2	
0082.COMP	10	6:13	12:00:21.0	56:17:21	300	90	3.0	#64f Cluster I	2	
0083.cirsfastb231	1200	6:17	12:00:20.0	56:17:10	300	90	3.0	#64f Cluster I	2	
0084.COMP	10	6:38	12:00:20.0	56:17:10	300	90	3.0	#64f Cluster I	2	
0085.cirsfastb255	1200	6:45	13:50:45.4	58:59:29	300	90	3.0	#64f Cluster I	2	
0086.COMP	10	7:06	13:50:45.4	58:59:29	300	90	3.0	#64f Cluster I	2	
0087.sn2006bt	1500	7:30	15:56:30.5	+20:02:45	300	90	3.0	#2 SN Observat	2	
0088.COMP	10	7:56	15:56:30.5	+20:02:45	300	90	3.0	#2 SN Observat	2	
0089.e70-DZ	1680	8:02	14:24:32.9	29:36:15	300	90	3.0	113, Interacti	2	
0090.COMP	10	8:31	14:24:32.9	29:36:15	300	90	3.0	113, Interacti	2	
0091.c9-BK	2100	8:39	15:30:10.2	29:00:30	300	90	3.0	113, Interacti	2	
0092.COMP	10	9:14	15:30:10.2	29:00:30	300	90	3.0	113, Interacti	2	
0093.c21-FV	1920	9:21	16:12:11.2	29:34:27	300	90	3.0	113, Interacti	2	
0094.COMP	10	9:54	16:12:11.2	29:34:27	300	90	3.0	113, Interacti	2	
0095.2M15333432+3341584	1200	9:58	15:33:34.3	+33:41:58	300	90	3.0	#141 Mapping t	2	
0096.COMP	10	10:19	15:33:34.3	+33:41:58	300	90	3.0	#141 Mapping t	2	
0097.2M15400892+1603132	900	10:23	15:40:08.9	+16:03:13	300	90	3.0	#141 Mapping t	2	
0098.COMP	10	10:39	15:40:08.9	+16:03:13	300	90	3.0	#141 Mapping t	2	
0099.2M15564131+2010172	900	10:42	15:56:41.3	+20:10:17	300	90	3.0	#141 Mapping t	2	
0100.COMP	10	10:58	15:56:41.3	+20:10:17	300	90	3.0	#141 Mapping t	2	

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0101.2M15583121+2254073	900	11:02	15:58:31.2	+22:54:07	300	90	3.0	#141 Mapping t	2	
0102.COMP	10	11:18	15:58:31.2	+22:54:07	300	90	3.0	#141 Mapping t	2	
0103.2M15591018+7033250	900	11:22	15:59:10.1	+70:33:25	300	90	3.0	#141 Mapping t	2	
0104.COMP	10	11:34	15:59:10.1	+70:33:25	300	90	3.0	#141 Mapping t	2	
0105-0114.BIAS	0	11:50	15:59:10.1	+70:33:25	300	90	3.0	113, Interacti	4	
0115-0124.FLAT	8	11:53	15:59:10.1	+70:33:25	300	90	3.0	113, Interacti	4	
0125-0134.BIAS	0	11:55	15:59:10.1	+70:33:25	300	90	3.0	113, Interacti	2	
0135-0155.FLAT	16	12:06	15:59:10.1	+70:33:25	300	90	3.0	113, Interacti	2	
0156-0160.DARK	900	13:07	15:59:10.1	+70:33:25	300	90	3.0	113, Interacti	4	
0161-0165.DARK	900	14:23	15:59:10.1	+70:33:25	300	90	3.0	113, Interacti	2	



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0001-0005.DARK	900	0:18	15:59:10.1	+70:33:25	300	90	3.0	113, Interacti	4	
0006-0010.DARK	900	1:35	15:59:10.1	+70:33:25	300	90	3.0	113, Interacti	2	
0011-0020.BIAS	0	1:51	15:59:10.1	+70:33:25	300	90	3.0	113, Interacti	4	
0021-0030.FLAT	8	1:54	15:59:10.1	+70:33:25	300	90	3.0	113, Interacti	4	
0031-0040.BIAS	0	1:57	15:59:10.1	+70:33:25	300	90	3.0	113, Interacti	2	
0041-0061.FLAT	16	2:07	15:59:10.1	+70:33:25	300	90	3.0	113, Interacti	2	
0062.HD84937	10	2:56	09:48:54.8	13:45:13	300	20	3.0	#56 Spectropho	2	
0063.HD84937	10	2:57	09:48:54.8	13:45:13	300	20	3.0	#56 Spectropho	2	
0064.HD84937	10	2:57	09:48:54.8	13:45:13	300	20	3.0	#56 Spectropho	2	
0065.COMP	10	2:58	09:48:54.8	13:45:13	300	20	3.0	#56 Spectropho	2	
0066.Feige34	120	3:05	10:39:36.8	43:06:10	300	90	3.0	#56 Spectropho	2	
0067.Feige34	120	3:08	10:39:36.8	43:06:10	300	90	3.0	#56 Spectropho	2	
0068.COMP	10	3:11	10:39:36.8	43:06:10	300	90	3.0	#56 Spectropho	2	
0069.sn2006bp	1200	3:26	11:53:55.7	+52:21:09	300	34	3.0	#2 SN Observat	2	
0070.COMP	10	3:46	11:53:55.7	+52:21:09	300	34	3.0	#2 SN Observat	2	
0071.N3377	180	3:50	10:45:02.6	+14:14:51	300	90	3.0	#57 Velocity S	2	
0072.COMP	10	3:54	10:45:02.6	+14:14:51	300	90	3.0	#57 Velocity S	2	
0073.sn2006X	1500	4:04	12:22:53.9	+15:48:33	300	-28	3.0	#2 SN Observat	2	
0074.COMP	10	4:30	12:22:53.9	+15:48:33	300	-28	3.0	#2 SN Observat	2	
0075.e99-ZY	1500	4:45	11:16:35.0	29:14:58	300	90	3.0	113, Interacti	2	

UT Date 2006-05-04 Observers T. GronerColl. Focus 1000 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>
0076.COMP	10	5:10	11:16:35.0	29:14:58	300	90	3.0	113, Interacti	2	
0077.e64-AL	1500	5:16	12:30:56.7	28:51:44	300	90	3.0	113, Interacti	2	
0078.COMP	10	5:44	12:30:56.7	28:51:44	300	90	3.0	113, Interacti	2	
0079.cirsfastb241	1500	5:52	13:25:23.3	59:36:43	300	90	3.0	#64f Cluster I	2	
0080.COMP	10	6:18	13:25:23.3	59:36:43	300	90	3.0	#64f Cluster I	2	
0081.cirsfastb250	1500	6:22	13:44:04.1	58:08:41	300	90	3.0	#64f Cluster I	2	
0082.COMP	10	6:48	13:44:04.1	58:08:41	300	90	3.0	#64f Cluster I	2	
0083.cirsfastb256	1500	6:57	13:51:16.6	58:44:35	300	90	3.0	#64f Cluster I	2	
0084.COMP	10	7:23	13:51:16.6	58:44:35	300	90	3.0	#64f Cluster I	2	
0085.c8-HK	1500	7:32	15:27:44.5	28:55:07	300	90	3.0	113, Interacti	2	
0086.COMP	10	7:57	15:27:44.5	28:55:07	300	90	3.0	113, Interacti	2	
0087.sn2006bt	1800	8:01	15:56:30.5	+20:02:45	300	90	3.0	#2 SN Observat	2	
0088.COMP	10	8:31	15:56:30.5	+20:02:45	300	90	3.0	#2 SN Observat	2	
0089.2M15132788+2512248	1500	8:37	15:13:27.8	+25:12:24	300	90	3.0	#141 Mapping t	2	
0090.COMP	10	9:02	15:13:27.8	+25:12:24	300	90	3.0	#141 Mapping t	2	
0091.2M15211727+1257012	1200	9:17	15:21:17.2	+12:57:01	300	90	3.0	#141 Mapping t	2	
0092.COMP	10	9:38	15:21:17.2	+12:57:01	300	90	3.0	#141 Mapping t	2	
0093.2M15265064+3308243	900	9:42	15:26:50.6	+33:08:24	300	90	3.0	#141 Mapping t	2	
0094.COMP	10	9:57	15:26:50.6	+33:08:24	300	90	3.0	#141 Mapping t	2	
0095.2M15345627+2408113	900	10:02	15:34:56.2	+24:08:11	300	90	3.0	#141 Mapping t	2	

UT Date 2006-05-04 Observers T. GronerColl. Focus 1000 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	10	10:18	15:34:56.2	+24:08:11	300	90	3.0	#141 Mapping t	2	
0097.2M15383353+1320423	900	10:24	15:38:33.5	+13:20:42	300	90	3.0	#141 Mapping t	2	
0098.COMP	10	10:41	15:38:33.5	+13:20:42	300	90	3.0	#141 Mapping t	2	
0099.2M15424423+1728441	900	10:45	15:42:44.2	+17:28:44	300	90	3.0	#141 Mapping t	2	
0100.COMP	10	11:00	15:42:44.2	+17:28:44	300	90	3.0	#141 Mapping t	2	
0101.2M15503731+2644483	900	11:03	15:50:37.3	+26:44:48	300	90	3.0	#141 Mapping t	2	
0102.COMP	10	11:19	15:50:37.3	+26:44:48	300	90	3.0	#141 Mapping t	2	
0103.2M15544487+4520182	900	11:23	15:54:44.8	+45:20:18	300	90	3.0	#141 Mapping t	2	
0104.COMP	10	11:38	15:54:44.8	+45:20:18	300	90	3.0	#141 Mapping t	2	
0105-0114.BIAS	0	11:55	15:54:44.8	+45:20:18	300	90	3.0	#141 Mapping t	4	
0115-0124.FLAT	8	11:58	15:54:44.8	+45:20:18	300	90	3.0	#141 Mapping t	4	
0125-0134.BIAS	0	12:00	15:54:44.8	+45:20:18	300	90	3.0	#141 Mapping t	2	
0135-0155.FLAT	16	12:11	15:54:44.8	+45:20:18	300	90	3.0	#141 Mapping t	2	
0156-0160.DARK	900	13:12	15:54:44.8	+45:20:18	300	90	3.0	#141 Mapping t	4	
0161-0165.DARK	900	14:28	15:54:44.8	+45:20:18	300	90	3.0	#141 Mapping t	2	

UT Date 2006-05-05 Observers Wayne PetersColl. Focus 1000 Grating/Grism 600

<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	0:42	08:08:52.7	+31:30:47	300	90	3.0	#141 Mapping t	4	
0011.FLAT	8	0:42	08:09:18.0	+31:30:47	300	90	3.0	#141 Mapping t	4	
0012-0017.FLAT	8	0:44	08:11:19.6	+31:30:48	300	90	3.0	#141 Mapping t	4	
0018-0020.FLAT	8	0:45	08:12:16.7	+31:30:49	300	90	3.0	#141 Mapping t	4	
0021-0025.BIAS	0	0:46	08:13:26.0	+31:30:49	300	90	3.0	#141 Mapping t	2	
0026-0030.BIAS	0	0:47	08:14:31.0	+31:30:50	300	90	3.0	#141 Mapping t	2	
0031.FLAT	16	0:48	08:15:10.0	+31:30:50	300	90	3.0	#141 Mapping t	2	
0032-0036.FLAT	16	0:50	08:17:41.8	+31:30:51	300	90	3.0	#141 Mapping t	2	
0037-0040.FLAT	16	0:52	08:19:43.2	+31:30:52	300	90	3.0	#141 Mapping t	2	
0041-0044.FLAT	16	0:54	08:21:41.1	+31:30:53	300	90	3.0	#141 Mapping t	2	
0045-0049.FLAT	16	0:57	08:24:12.9	+31:30:54	300	90	3.0	#141 Mapping t	2	
0050-0051.FLAT	16	0:58	08:25:13.7	+31:30:55	300	90	3.0	#141 Mapping t	2	
0052.DARK	900	1:01	08:43:26.9	+31:31:03	300	90	3.0	#141 Mapping t	4	
0053.DARK	900	1:16	08:58:38.3	+31:31:10	300	90	3.0	#141 Mapping t	4	
0054.DARK	900	1:32	09:13:50.0	+31:31:16	300	90	3.0	#141 Mapping t	4	
0055.DARK	900	1:47	09:29:05.3	+31:31:22	300	90	3.0	#141 Mapping t	4	
0056.DARK	900	2:02	09:44:17.0	+31:31:27	300	90	3.0	#141 Mapping t	4	
0057.DARK	900	2:17	09:59:32.3	+31:31:32	300	90	3.0	#141 Mapping t	2	
0058.DARK	900	2:32	10:14:48.3	+31:31:37	300	90	3.0	#141 Mapping t	2	
0059.Feige34	120	3:10	10:39:36.8	43:06:10	300	0	3.0	#56 Spectropho	2	

UT Date 2006-05-05 Observers Wayne PetersColl. Focus 1000 Grating/Grism 600

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0060.COMP	12	3:13	10:39:36.8	43:06:10	300	0	3.0	#56 Spectropho	2	
0061.HD84937	10	3:22	09:48:54.8	13:45:13	300	90	3.0	#56 Spectropho	2	OOPS rotater at 90
0062.COMP	12	3:22	09:48:54.8	13:45:13	300	90	3.0	#56 Spectropho	2	rot at 90
0063.HD84937	10	3:25	09:48:54.8	13:45:13	300	36	3.0	#56 Spectropho	2	rot at 36
0064.COMP	12	3:26	09:48:54.8	13:45:13	300	36	3.0	#56 Spectropho	2	rot at 36
0065.N3377	180	3:33	10:45:02.6	+14:14:51	300	90	3.0	#57 Velocity S	2	
0066.COMP	12	3:37	10:45:02.6	+14:14:51	300	90	3.0	#57 Velocity S	2	
0067.N3227	150	3:48	10:23:30.6	+19:51:54	300	90	3.0	#6 AGN Monitor	2	
0068.N3227	150	3:51	10:23:30.6	+19:51:54	300	90	3.0	#6 AGN Monitor	2	
0069.COMP	12	3:54	10:23:30.6	+19:51:54	300	90	3.0	#6 AGN Monitor	2	
0070.sn2006bu	1800	4:14	13:52:47.8	+05:18:49	300	-20	3.0	#2 SN Observat	2	
0071.COMP	12	4:45	13:52:47.8	+05:18:49	300	-20	3.0	#2 SN Observat	2	
0072.sn2006by	1800	4:59	13:26:09.1	+35:55:58	300	60	3.0	#2 SN Observat	2	
0073.COMP	12	5:29	13:26:09.1	+35:55:58	300	60	3.0	#2 SN Observat	2	
0074.MRK421	300	5:36	11:04:27.4	+38:12:32	300	90	3.0	#6 AGN Monitor	2	
0075.MRK421	300	5:44	11:04:27.4	+38:12:32	300	90	3.0	#6 AGN Monitor	2	
0076.COMP	12	5:50	11:04:27.4	+38:12:32	300	90	3.0	#6 AGN Monitor	2	
0077.N4051	150	5:53	12:03:09.7	+44:31:53	300	90	3.0	#6 AGN Monitor	2	
0078.N4051	150	5:56	12:03:09.7	+44:31:53	300	90	3.0	#6 AGN Monitor	2	
0079.COMP	12	5:59	12:03:09.7	+44:31:53	300	90	3.0	#6 AGN Monitor	2	

UT Date 2006-05-05 Observers Wayne PetersColl. Focus 1000 Grating/Grism 600

<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>
0080.N4151	30	6:02	12:10:32.6	+39:24:21	300	90	3.0	#6 AGN Monitor	2	
0081.N4151	30	6:03	12:10:32.6	+39:24:21	300	90	3.0	#6 AGN Monitor	2	
0082.COMP	12	6:04	12:10:32.6	+39:24:21	300	90	3.0	#6 AGN Monitor	2	
0083.sn2006bt	1500	6:11	15:56:30.5	+20:02:45	300	109	3.0	#2 SN Observat	2	
0084.COMP	12	6:37	15:56:30.5	+20:02:45	300	109	3.0	#2 SN Observat	2	
0085-0092.FLAT	24	6:58	14:26:55.8	+31:31:43	600	90	2.0	#166	4	
0093-0094.FLAT	24	6:59	14:28:00.4	+31:31:42	600	90	2.0	#166	4	
0095.BDp332642	90	7:12	15:51:59.9	32:56:54	600	90	2.0	#56 Spectropho	4	
0096.COMP	10	7:14	15:51:59.9	32:56:54	600	90	2.0	#56 Spectropho	4	
0097.bcand747	1200	7:25	14:12:16.3	12:34:22	600	90	2.0	#166 Hyper Vel	4	
0098.COMP	10	7:45	14:12:16.3	12:34:22	600	90	2.0	#166 Hyper Vel	4	
0099.bcand748	960	7:52	14:15:23.7	12:02:00	600	90	2.0	#166 Hyper Vel	4	
0100.COMP	10	8:08	14:15:23.7	12:02:00	600	90	2.0	#166 Hyper Vel	4	
0101.bcand751	1440	8:17	14:17:23.8	-0:22:20	600	90	2.0	#166 Hyper Vel	4	
0102.COMP	10	8:42	14:17:23.8	-0:22:20	600	90	2.0	#166 Hyper Vel	4	
0103.bcand759	900	8:53	14:27:04.5	-2:55:35	600	90	2.0	#166 Hyper Vel	4	
0104.COMP	10	9:09	14:27:04.5	-2:55:35	600	90	2.0	#166 Hyper Vel	4	
0105.bcand760	1800	9:14	14:28:17.9	3:24:07	600	70	2.0	#166 Hyper Vel	4	
0106.COMP	10	9:45	14:28:17.9	3:24:07	600	70	2.0	#166 Hyper Vel	4	
0107.bcand833	1440	9:51	17:13:10.6	57:50:04	600	90	2.0	#166 Hyper Vel	4	

UT Date 2006-05-05 Observers Wayne PetersColl. Focus 1000 Grating/Grism 600

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0108.COMP	10	10:16	17:13:10.6	57:50:04	600	90	2.0	#166 Hyper Vel	4	
0109.bcand834	1200	10:33	17:14:34.5	64:22:51	600	90	2.0	#166 Hyper Vel	4	
0110.COMP	10	10:54	17:14:34.5	64:22:51	600	90	2.0	#166 Hyper Vel	4	
0111.bcand835	1200	10:58	17:18:13.8	59:53:55	600	90	2.0	#166 Hyper Vel	4	
0112.COMP	10	11:18	17:18:13.8	59:53:55	600	90	2.0	#166 Hyper Vel	4	
0113.bcand935	720	11:35	16:48:34.4	+33:03:28	600	90	2.0	#166 Hyper Vel	4	sunrise during exposure bad s/n?
0114.COMP	10	11:48	16:48:34.4	+33:03:27	600	90	2.0	#166 Hyper Vel	4	
0115-0124.BIAS	0	11:56	16:48:34.2	+33:03:27	600	90	2.0	#166 Hyper Vel	4	
0125.FLAT	24	12:11	19:40:10.4	+31:29:22	600	90	2.0	#166 Hyper Vel	4	
0126-0129.FLAT	24	12:13	19:42:12.3	+31:29:21	600	90	2.0	#166 Hyper Vel	4	
0130-0133.FLAT	24	12:15	19:44:17.6	+31:29:20	600	90	2.0	#166 Hyper Vel	4	
0134.FLAT	24	12:15	19:44:47.9	+31:29:19	600	90	2.0	#166 Hyper Vel	4	
0135.DARK	900	12:23	20:06:56.4	+31:29:09	600	90	2.0	#166 Hyper Vel	4	
0136.DARK	900	12:38	20:22:10.9	+31:29:01	600	90	2.0	#166 Hyper Vel	4	
0137.DARK	900	12:53	20:37:22.2	+31:28:54	600	90	2.0	#166 Hyper Vel	4	
0138.DARK	900	13:08	20:52:33.6	+31:28:48	600	90	2.0	#166 Hyper Vel	4	
0139.DARK	900	13:23	21:07:48.3	+31:28:41	600	90	2.0	#166 Hyper Vel	4	
0140.DARK	900	13:39	21:22:59.7	+31:28:35	600	90	2.0	#166 Hyper Vel	2	
0141.DARK	900	13:54	21:38:19.3	+31:28:30	600	90	2.0	#166 Hyper Vel	2	
0142.DARK	900	14:09	21:53:34.9	+31:28:25	600	90	2.0	#166 Hyper Vel	2	

UT Date 2006-05-05 Observers Wayne PetersColl. Focus 1000 Grating/Grism 600

<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>
0143.DARK	900	14:24	22:08:54.1	+31:28:20	600	90	2.0	#166 Hyper Vel	2	
0144.DARK	900	14:40	22:24:09.5	+31:28:15	600	90	2.0	#166 Hyper Vel	2	



UT Date 2006-05-06 Observers Wayne PetersColl. Focus 1000 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>
0001-0003.BIAS	0	1:00	08:32:33.0	+31:30:58	300	90	3.0	#166 Hyper Vel	4	
0004-0010.BIAS	0	1:01	08:33:21.2	+31:30:59	300	90	3.0	#166 Hyper Vel	4	
0011-0014.FLAT	8	1:02	08:34:47.4	+31:30:59	300	90	3.0	#166 Hyper Vel	4	
0015-0020.FLAT	8	1:04	08:36:45.2	+31:31:00	300	90	3.0	#166 Hyper Vel	4	
0021.BIAS	0	1:05	08:37:02.5	+31:31:00	300	90	3.0	#166 Hyper Vel	2	
0022-0030.BIAS	0	1:06	08:38:59.4	+31:31:01	300	90	3.0	#166 Hyper Vel	2	
0031-0034.FLAT	16	1:08	08:41:09.4	+31:31:02	300	90	3.0	#166 Hyper Vel	2	
0035-0039.FLAT	16	1:11	08:43:37.6	+31:31:03	300	90	3.0	#166 Hyper Vel	2	
0040-0044.FLAT	16	1:13	08:46:09.3	+31:31:04	300	90	3.0	#166 Hyper Vel	2	
0045-0048.FLAT	16	1:15	08:48:10.6	+31:31:05	300	90	3.0	#166 Hyper Vel	2	
0049-0051.FLAT	16	1:17	08:49:41.8	+31:31:06	300	90	3.0	#166 Hyper Vel	2	
0052.DARK	900	1:19	09:06:58.5	+31:31:13	300	90	3.0	#166 Hyper Vel	4	
0053.DARK	900	1:35	09:22:09.9	+31:31:19	300	90	3.0	#166 Hyper Vel	4	
0054.DARK	900	1:50	09:37:24.9	+31:31:25	300	90	3.0	#166 Hyper Vel	4	
0055.DARK	900	2:05	09:52:36.5	+31:31:30	300	90	3.0	#166 Hyper Vel	4	
0056.DARK	900	2:20	10:07:48.2	+31:31:35	300	90	3.0	#166 Hyper Vel	4	
0057.DARK	900	2:35	10:23:03.3	+31:31:39	300	90	3.0	#166 Hyper Vel	2	
0058.N3377	180	3:16	10:45:02.6	+14:14:51	300	90	3.0	#57 Velocity S	2	
0059.N3377	180	3:19	10:45:02.6	+14:14:51	300	90	3.0	#57 Velocity S	2	
0060.COMP	12	3:23	10:45:02.6	+14:14:51	300	90	3.0	#57 Velocity S	2	

UT Date 2006-05-06 Observers Wayne PetersColl. Focus 1000 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>
0061.sn2006bz	1500	3:38	13:00:43.3	+27:57:41	300	100	3.0	#2 SN Observat	2	
0062.COMP	12	4:04	13:00:43.3	+27:57:41	300	100	3.0	#2 SN Observat	2	
0063.sn2006cb	1500	4:15	14:16:31.8	+39:35:15	300	90	3.0	#2 SN Observat	2	
0064.COMP	10	4:41	14:16:31.8	+39:35:15	300	90	3.0	#2 SN Observat	2	
0065.Feige34	120	4:48	10:39:36.8	43:06:10	300	90	3.0	#56 Spectropho	2	
0066.COMP	12	4:51	10:39:36.8	43:06:10	300	90	3.0	#56 Spectropho	2	
0067.COMP	10	5:02	10:23:30.6	+19:51:54	600	90	2.0	#6 AGN Monitor	2	
0068.COMP	10	5:04	10:23:30.6	+19:51:54	600	90	2.0	#6 AGN Monitor	4	
0069-0078.FLAT	24	5:14	10:23:30.6	+19:51:54	600	90	2.0	#6 AGN Monitor	4	
0079.BDp332642	120	5:19	15:51:59.9	32:56:54	600	90	2.0	#56 Spectropho	4	
0080.COMP	10	5:23	15:51:59.9	32:56:54	600	90	2.0	#56 Spectropho	4	
0081.bcand704	1200	5:32	14:07:27.1	43:54:12	600	90	2.0	#166 Hyper Vel	4	
0082.COMP	10	5:52	14:07:27.1	43:54:12	600	90	2.0	#166 Hyper Vel	4	
0083.bcand703	720	5:55	14:06:44.1	41:11:36	600	90	2.0	#166 Hyper Vel	4	
0084.COMP	10	6:09	14:06:44.1	41:11:36	600	90	2.0	#166 Hyper Vel	4	
0085.bcand705	1200	6:15	14:10:58.1	38:30:28	600	90	2.0	#166 Hyper Vel	4	
0086.COMP	10	6:35	14:10:58.1	38:30:28	600	90	2.0	#166 Hyper Vel	4	
0087.bcand706	800	6:38	14:11:28.6	30:42:31	600	90	2.0	#166 Hyper Vel	4	
0088.COMP	10	6:52	14:11:28.6	30:42:31	600	90	2.0	#166 Hyper Vel	4	
0089.bcand707	1320	6:57	14:12:49.7	52:55:08	600	75	2.0	#166 Hyper Vel	4	

UT Date 2006-05-06 Observers Wayne PetersColl. Focus 1000 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>
0090.COMP	10	7:20	14:12:49.7	52:55:08	600	75	2.0	#166 Hyper Vel	4	
0091.bcand871	900	7:24	14:12:07.5	42:16:27	600	75	2.0	#166 Hyper Vel	4	
0092.COMP	10	7:39	14:12:07.5	42:16:27	600	75	2.0	#166 Hyper Vel	4	
0093.bcand887	1680	7:50	15:46:45.4	21:44:33	600	90	2.0	#166 Hyper Vel	4	
0094.COMP	10	8:18	15:46:45.4	21:44:33	600	90	2.0	#166 Hyper Vel	4	
0095.bcand888	1320	8:22	15:47:12.4	54:39:54	600	90	2.0	#166 Hyper Vel	4	
0096.COMP	10	8:45	15:47:12.4	54:39:54	600	90	2.0	#166 Hyper Vel	4	
0097.bcand889	960	8:54	15:47:26.9	18:08:32	600	90	2.0	#166 Hyper Vel	4	
0098.COMP	10	9:10	15:47:26.9	18:08:32	600	90	2.0	#166 Hyper Vel	4	
0099.bcand890	720	9:14	15:47:51.5	18:40:18	600	90	2.0	#166 Hyper Vel	4	
0100.COMP	10	9:26	15:47:51.5	18:40:18	600	90	2.0	#166 Hyper Vel	4	
0101.bcand827	900	9:32	15:48:28.4	38:32:50	600	90	2.0	#166 Hyper Vel	4	
0102.COMP	10	9:48	15:48:28.4	38:32:50	600	90	2.0	#166 Hyper Vel	4	
0103.RS0ph	0	10:15	17:50:13	-06:42:30	300	90	3.0	#12 Symbiotic	2	
0104.RS0ph	1	10:16	17:50:13	-06:42:30	300	90	3.0	#12 Symbiotic	2	
0105.RS0ph	3	10:16	17:50:13	-06:42:30	300	90	3.0	#12 Symbiotic	2	
0106.RS0ph	10	10:16	17:50:13	-06:42:30	300	90	3.0	#12 Symbiotic	2	
0107.COMP	12	10:17	17:50:13	-06:42:30	300	90	3.0	#12 Symbiotic	2	
0108.RS0ph	0	10:23	17:50:13	-06:42:30	300	90	3.0	#12 Symbiotic	4	
0109.RS0ph	1	10:23	17:50:13	-06:42:30	300	90	3.0	#12 Symbiotic	4	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0110.RS0ph	3	10:23	17:50:13	-06:42:30	300	90	3.0	#12 Symbiotic	4	
0111.RS0ph	10	10:24	17:50:13	-06:42:30	300	90	3.0	#12 Symbiotic	4	
0112.COMP	12	10:25	17:50:13	-06:42:30	300	90	3.0	#12 Symbiotic	4	
0113.COMP	10	10:25	17:50:13	-06:42:30	300	90	3.0	#12 Symbiotic	4	
0114.sn2006ca	1200	10:35	18:22:54.1	+12:26:03	300	96	3.0	#2 SN Observat	2	
0115.COMP	12	10:56	18:22:54.1	+12:26:03	300	96	3.0	#2 SN Observat	2	
0116.3C390.3	300	11:09	18:42:09.0	79:46:17	300	90	3.0	#6 AGN Monitor	2	
0117.3C390.3	300	11:15	18:42:09.0	79:46:17	300	90	3.0	#6 AGN Monitor	2	
0118.3C390.3	300	11:21	18:42:09.0	79:46:17	300	90	3.0	#6 AGN Monitor	2	
0119.COMP	12	11:27	18:42:09.0	79:46:17	300	90	3.0	#6 AGN Monitor	2	
0120.BDp174708	45	11:40	22:11:31.4	18:05:33	300	-63	3.0	#56 Spectropho	2	rotated -63 may be wrong object extreme RA
0121.COMP	12	11:41	22:11:31.4	18:05:33	300	-63	3.0	#56 Spectropho	2	
0122.BDp174708	45	11:47	22:11:31.4	18:05:33	300	90	3.0	#56 Spectropho	2	not rotated correct star
0123.COMP	12	11:48	22:11:31.4	18:05:33	300	90	3.0	#56 Spectropho	2	
0124-0133.BIAS	0	12:15	22:11:31.4	18:05:33	300	90	3.0	#12 Symbiotic	4	
0134-0143.FLAT	8	12:18	22:11:31.4	18:05:33	300	90	3.0	#12 Symbiotic	4	
0144-0153.BIAS	0	12:20	22:11:31.4	18:05:33	300	90	3.0	#12 Symbiotic	2	
0154-0174.FLAT	16	12:31	22:11:31.4	18:05:33	300	90	3.0	#12 Symbiotic	2	
0175-0184.DARK	900	14:53	22:11:31.4	18:05:33	300	90	3.0	#12 Symbiotic	4	
0185-0194.DARK	900	17:25	22:11:31.4	18:05:33	300	90	3.0	#12 Symbiotic	2	

UT Date 2006-05-07 Observers Wayne PetersColl. Focus 1000 Grating/Grism 600

<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.COMP	12	1:09	08:44:38.6	+31:31:04	300	90	3.0	#12 Symbiotic	2	
0002.BIAS	0	1:31	09:05:49.5	+31:31:12	300	90	3.0	#12 Symbiotic	4	
0003-0011.BIAS	0	1:32	09:06:51.0	+31:31:13	300	90	3.0	#12 Symbiotic	4	
0012-0015.FLAT	8	1:33	09:08:13.2	+31:31:13	300	90	3.0	#12 Symbiotic	4	
0016-0021.FLAT	8	1:35	09:10:14.8	+31:31:14	300	90	3.0	#12 Symbiotic	4	
0022-0023.BIAS	0	1:36	09:10:45.0	+31:31:14	300	90	3.0	#12 Symbiotic	2	
0024-0031.BIAS	0	1:37	09:12:29.0	+31:31:15	300	90	3.0	#12 Symbiotic	2	
0032.FLAT	16	1:38	09:13:07.8	+31:31:15	300	90	3.0	#12 Symbiotic	2	
0033-0037.FLAT	16	1:40	09:15:36.1	+31:31:16	300	90	3.0	#12 Symbiotic	2	
0038-0042.FLAT	16	1:43	09:18:07.7	+31:31:17	300	90	3.0	#12 Symbiotic	2	
0043-0047.FLAT	16	1:45	09:20:39.5	+31:31:18	300	90	3.0	#12 Symbiotic	2	
0048-0052.FLAT	16	1:48	09:23:11.5	+31:31:19	300	90	3.0	#12 Symbiotic	2	
0053.DARK	900	1:51	09:41:11.7	+31:31:26	300	90	3.0	#12 Symbiotic	4	
0054.DARK	900	2:06	09:56:23.6	+31:31:31	300	90	3.0	#12 Symbiotic	4	
0055.DARK	900	2:21	10:11:38.6	+31:31:36	300	90	3.0	#12 Symbiotic	4	
0056.DARK	900	2:37	10:26:50.2	+31:31:40	300	90	3.0	#12 Symbiotic	4	
0057.DARK	900	2:52	10:42:05.3	+31:31:44	300	90	3.0	#12 Symbiotic	4	
0058.HD84937	10	3:22	09:48:54.8	13:45:13	300	40	3.0	#56 Spectropho	2	
0059.COMP	12	3:23	09:48:54.8	13:45:13	300	40	3.0	#56 Spectropho	2	
0060.Feige34	120	3:27	10:39:36.8	43:06:10	300	-20	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>
0061.COMP	12	3:30	10:39:36.8	43:06:10	300	-20	3.0	#56 Spectropho	2	
0062.N4486B	300	3:38	12:30:32	+12:29:25	300	90	3.0	#57 Velocity S	2	
0063.COMP	12	3:44	12:30:32	+12:29:25	300	90	3.0	#57 Velocity S	2	
0064.N4051	150	3:48	12:03:09.7	+44:31:53	300	90	3.0	#6 AGN Monitor	2	
0065.N4051	150	3:51	12:03:09.7	+44:31:53	300	90	3.0	#6 AGN Monitor	2	
0066.COMP	12	3:55	12:03:09.7	+44:31:53	300	90	3.0	#6 AGN Monitor	2	
0067.N4151	30	3:57	12:10:32.6	+39:24:21	300	90	3.0	#6 AGN Monitor	2	
0068.N4151	30	3:58	12:10:32.6	+39:24:21	300	90	3.0	#6 AGN Monitor	2	
0069.COMP	12	3:59	12:10:32.6	+39:24:21	300	90	3.0	#6 AGN Monitor	2	
0070.MRK279	150	4:02	13:51:53.6	69:33:13	300	90	3.0	#6 AGN Monitor	2	
0071.MRK279	150	4:05	13:51:53.6	69:33:13	300	90	3.0	#6 AGN Monitor	2	
0072.COMP	12	4:08	13:51:53.6	69:33:13	300	90	3.0	#6 AGN Monitor	2	
0073.N5548	240	4:10	14:17:59.6	+25:08:12	300	90	3.0	#6 AGN Monitor	2	
0074.N5548	240	4:15	14:17:59.6	+25:08:12	300	90	3.0	#6 AGN Monitor	2	
0075.COMP	12	4:19	14:17:59.6	+25:08:12	300	90	3.0	#6 AGN Monitor	2	
0076.sn2006bp	1200	4:29	11:53:55.7	+52:21:09	300	0	3.0	#2 SN Observat	2	
0077.COMP	12	4:49	11:53:55.7	+52:21:09	300	0	3.0	#2 SN Observat	2	
0078.sn2006bz	1500	4:58	13:00:43.3	+27:57:41	300	10	3.0	#2 SN Observat	2	
0079.COMP	12	5:24	13:00:43.3	+27:57:41	300	10	3.0	#2 SN Observat	2	
0080.cirfastb260	1800	5:45	15:20:52.2	48:39:38	300	90	3.0	#64f Cluster I	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>
0081.COMP	12	6:16	15:20:52.2	48:39:38	300	90	3.0	#64f Cluster I	2	
0082.RWHya	2	6:20	13:34:18	-25:22:51	300	90	3.0	#12 Symbiotic	2	
0083.RWHya	10	6:20	13:34:18	-25:22:51	300	90	3.0	#12 Symbiotic	2	
0084.RWHya	20	6:21	13:34:18	-25:22:51	300	90	3.0	#12 Symbiotic	2	
0085.COMP	12	6:21	13:34:18	-25:22:51	300	90	3.0	#12 Symbiotic	2	
0086.TCrB	15	6:26	15:59:30	25:55:12	300	90	3.0	#12 Symbiotic	2	
0087.TCrB	60	6:26	15:59:30	25:55:12	300	90	3.0	#12 Symbiotic	2	
0088.COMP	12	6:28	15:59:30	25:55:12	300	90	3.0	#12 Symbiotic	2	
0089.AGDra	2	6:31	16:01:41	66:48:10	300	90	3.0	#12 Symbiotic	2	
0090.AGDra	15	6:31	16:01:41	66:48:10	300	90	3.0	#12 Symbiotic	2	
0091.AGDra	45	6:32	16:01:41	66:48:10	300	90	3.0	#12 Symbiotic	2	
0092.COMP	12	6:33	16:01:41	66:48:10	300	90	3.0	#12 Symbiotic	2	
0093.TXCVn	10	6:37	12:44:42	36:45:48	300	90	3.0	#12 Symbiotic	2	
0094.TXCVn	30	6:37	12:44:42	36:45:48	300	90	3.0	#12 Symbiotic	2	
0095.COMP	12	6:38	12:44:42	36:45:48	300	90	3.0	#12 Symbiotic	2	
0096.sn2006bt	1500	6:51	15:56:30.5	+20:02:45	300	-50	3.0	#2 SN Observat	2	
0097.COMP	12	7:17	15:56:30.5	+20:02:45	300	-50	3.0	#2 SN Observat	2	
0098.cirfastb294	1500	7:26	15:51:54.0	37:06:11	300	90	3.0	#64f Cluster I	2	
0099.COMP	12	7:51	15:51:54.0	37:06:11	300	90	3.0	#64f Cluster I	2	
0100.RSOph	0	7:56	17:50:13	-06:42:30	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>
0101.RSOph	1	7:57	17:50:13	-06:42:30	300	90	3.0	#12 Symbiotic	2	
0102.RSOph	3	7:57	17:50:13	-06:42:30	300	90	3.0	#12 Symbiotic	2	
0103.RSOph	10	7:57	17:50:13	-06:42:30	300	90	3.0	#12 Symbiotic	2	
0104.COMP	12	7:58	17:50:13	-06:42:30	300	90	3.0	#12 Symbiotic	2	
0105-0114.FLAT	24	8:17	17:50:13	-06:42:30	600	90	2.0	#166 Hyper Vel	4	
0115.COMP	10	8:23	15:51:59.9	32:56:54	600	90	2.0	#56 Spectropho	4	
0116.BDp332642	90	8:25	15:51:59.9	32:56:54	600	90	2.0	#56 Spectropho	4	
0117.bcand891	660	8:32	15:49:10.5	25:32:50	600	90	2.0	#166 Hyper Vel	4	
0118.COMP	10	8:43	15:49:10.5	25:32:50	600	90	2.0	#166 Hyper Vel	4	
0119.bcand892	840	8:50	15:49:22.4	19:31:46	600	90	2.0	#166 Hyper Vel	4	
0120.COMP	10	9:05	15:49:22.4	19:31:46	600	90	2.0	#166 Hyper Vel	4	
0121.bcand898	1200	9:09	15:54:05.2	44:00:54	600	90	2.0	#166 Hyper Vel	4	
0122.COMP	10	9:29	15:54:05.2	44:00:54	600	90	2.0	#166 Hyper Vel	4	
0123.bcand899	1080	9:34	15:55:02.0	24:44:22	600	90	2.0	#166 Hyper Vel	4	
0124.COMP	10	9:53	15:55:02.0	24:44:22	600	90	2.0	#166 Hyper Vel	4	
0125.bcand901	780	9:57	16:00:28.0	54:03:20	600	90	2.0	#166 Hyper Vel	4	
0126.COMP	10	10:10	16:00:28.0	54:03:20	600	90	2.0	#166 Hyper Vel	4	
0127.bcand902	1500	10:15	16:02:00.5	28:56:17	600	90	2.0	#166 Hyper Vel	4	
0128.COMP	10	10:41	16:02:00.5	28:56:17	600	90	2.0	#166 Hyper Vel	4	
0129.bcand885	840	10:45	15:32:32.7	9:38:38	600	90	2.0	#166 Hyper Vel	4	terrible s/n



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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>
0130.COMP	10	11:01	15:32:32.7	9:38:38	600	90	2.0	#166 Hyper Vel	4	
0131.bcand885	1200	11:06	15:32:32.7	9:38:38	600	70	2.0	#166 Hyper Vel	4	tried again rotated
0132.COMP	10	11:27	15:32:32.7	9:38:38	600	70	2.0	#166 Hyper Vel	4	
0133.bcand912	720	11:34	16:13:48.0	36:39:31	600	90	2.0	#166 Hyper Vel	4	
0134.COMP	10	11:46	16:13:48.0	36:39:31	600	90	2.0	#166 Hyper Vel	4	
0135-0154.BIAS	0	11:51	16:13:48.0	36:39:31	600	90	2.0	#166 Hyper Vel	4	
0155-0164.FLAT	24	11:56	16:13:48.0	36:39:31	600	90	2.0	#166 Hyper Vel	4	
0165-0174.DARK	900	14:23	16:13:48.0	36:39:31	600	90	2.0	#166 Hyper Vel	4	
0175-0184.DARK	900	16:56	16:13:48.0	36:39:31	600	90	2.0	#166 Hyper Vel	2	

UT Date 2006-05-08 Observers Wayne PetersColl. Focus 990 Grating/Grism 600

<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	1:09	16:13:48.0	36:39:31	300	90	3.0	#166 Hyper Vel	4	
0006-0010.DARK	900	2:26	16:13:48.0	36:39:31	300	90	3.0	#166 Hyper Vel	2	
0011-0020.BIAS	0	2:49	16:13:48.0	36:39:31	300	90	3.0	#166 Hyper Vel	4	
0021-0030.FLAT	8	2:53	16:13:48.0	36:39:31	300	90	3.0	#166 Hyper Vel	4	
0031-0040.BIAS	0	2:55	16:13:48.0	36:39:31	300	90	3.0	#166 Hyper Vel	2	
0041-0061.FLAT	16	3:05	16:13:48.0	36:39:31	300	90	3.0	#166 Hyper Vel	2	
0062.HD84937	10	3:20	09:48:54.8	13:45:13	300	90	3.0	#56 Spectropho	2	
0063.HD84937	10	3:20	09:48:54.8	13:45:13	300	90	3.0	#56 Spectropho	2	
0064.COMP	10	3:21	09:48:54.8	13:45:13	300	90	3.0	#56 Spectropho	2	
0065.Feige34	120	3:25	10:39:36.8	43:06:10	300	90	3.0	#56 Spectropho	2	
0066.Feige34	120	3:27	10:39:36.8	43:06:10	300	90	3.0	#56 Spectropho	2	
0067.COMP	12	3:31	10:39:36.8	43:06:10	300	90	3.0	#56 Spectropho	2	
0068.N3227	150	3:43	10:23:30.6	+19:51:54	300	90	3.0	#6 AGN Monitor	2	
0069.N3227	150	3:46	10:23:30.6	+19:51:54	300	90	3.0	#6 AGN Monitor	2	
0070.COMP	12	3:49	10:23:30.6	+19:51:54	300	90	3.0	#6 AGN Monitor	2	
0071.N4051	150	3:51	12:03:09.7	+44:31:53	300	90	3.0	#6 AGN Monitor	2	
0072.N4051	150	3:56	12:03:09.7	+44:31:53	300	90	3.0	#6 AGN Monitor	2	
0073.COMP	12	3:59	12:03:09.7	+44:31:53	300	90	3.0	#6 AGN Monitor	2	
0074.N5548	240	4:01	14:17:59.6	+25:08:12	300	90	3.0	#6 AGN Monitor	2	
0075.N5548	240	4:06	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>
0076.COMP	12	4:11	14:17:59.6	+25:08:12	300	90	3.0	#6 AGN Monitor	2	
0077.TXCVn	10	4:14	12:44:42	36:45:48	300	90	3.0	#12 Symbiotic	2	
0078.TXCVn	30	4:15	12:44:42	36:45:48	300	90	3.0	#12 Symbiotic	2	
0079.COMP	12	4:16	12:44:42	36:45:48	300	90	3.0	#12 Symbiotic	2	
0080.N4486B	300	4:20	12:30:32	+12:29:25	300	90	3.0	#57 Velocity S	2	
0081.N4486B	300	4:25	12:30:32	+12:29:25	300	90	3.0	#57 Velocity S	2	
0082.COMP	12	4:31	12:30:32	+12:29:25	300	90	3.0	#57 Velocity S	2	
0083.cirsfastb253	900	4:37	13:47:40.0	58:13:34	300	90	3.0	#64f Cluster I	2	
0084.COMP	12	4:54	13:47:40.0	58:13:34	300	90	3.0	#64f Cluster I	2	
0085.sn2006bz	1500	5:08	13:00:43.3	+27:57:41	300	20	3.0	#2 SN Observat	2	
0086.COMP	12	5:34	13:00:43.3	+27:57:41	300	20	3.0	#2 SN Observat	2	
0087.cirsfastb254	1800	5:45	13:48:59.3	59:24:45	300	90	3.0	#64f Cluster I	2	
0088.COMP	12	6:16	13:48:59.3	59:24:45	300	90	3.0	#64f Cluster I	2	
0089.cirsfastb266	1800	6:27	15:22:37.6	47:27:16	300	60	3.0	#64f Cluster I	2	
0090.COMP	12	6:58	15:22:37.6	47:27:16	300	60	3.0	#64f Cluster I	2	
0091.sn2006bt	1500	7:09	15:56:30.5	+20:02:45	300	-50	3.0	#2 SN Observat	2	
0092.COMP	12	7:35	15:56:30.5	+20:02:45	300	-50	3.0	#2 SN Observat	2	
0093.sn2006cc	1800	7:49	16:09:56.4	+43:07:35	300	40	3.0	#2 SN Observat	2	
0094.COMP	12	8:19	16:09:56.4	+43:07:35	300	40	3.0	#2 SN Observat	2	
0095.RS0ph	0	8:36	17:50:13	-06:42:30	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>
0096.RSOph	1	8:37	17:50:13	-06:42:30	300	90	3.0	#12 Symbiotic	2	
0097.RSOph	3	8:37	17:50:13	-06:42:30	300	90	3.0	#12 Symbiotic	2	
0098.RSOph	10	8:37	17:50:13	-06:42:30	300	90	3.0	#12 Symbiotic	2	
0099.COMP	12	8:42	17:50:13	-06:42:30	300	90	3.0	#12 Symbiotic	2	
0100-0109.FLAT	24	9:00	17:50:13	-06:42:30	600	90	2.0	#166 Hyper Vel	4	
0110.bcand913	1320	9:04	16:13:51.6	31:56:14	600	90	2.0	#166 Hyper Vel	4	
0111.COMP	10	9:27	16:13:51.6	31:56:14	600	90	2.0	#166 Hyper Vel	4	
0112.BDp332642	90	9:30	15:51:59.9	32:56:54	600	90	2.0	#56 Spectropho	4	
0113.BDp332642	90	9:32	15:51:59.9	32:56:54	600	90	2.0	#56 Spectropho	4	
0114.COMP	10	9:34	15:51:59.9	32:56:54	600	90	2.0	#56 Spectropho	4	
0115.bcand914	1800	9:41	16:14:23.4	53:14:05	600	90	2.0	#166 Hyper Vel	4	
0116.COMP	10	10:11	16:14:23.4	53:14:05	600	90	2.0	#166 Hyper Vel	4	
0117.bcand916	720	10:15	16:23:59.6	37:54:35	600	90	2.0	#166 Hyper Vel	4	
0118.COMP	10	10:28	16:23:59.6	37:54:35	600	90	2.0	#166 Hyper Vel	4	
0119.bcand917	1260	10:32	16:24:43.7	33:38:25	600	90	2.0	#166 Hyper Vel	4	
0120.COMP	10	10:53	16:24:43.7	33:38:25	600	90	2.0	#166 Hyper Vel	4	
0121.bcand937	900	10:58	16:51:58.9	34:59:32	600	90	2.0	#166 Hyper Vel	4	
0122.COMP	10	11:13	16:51:58.9	34:59:32	600	90	2.0	#166 Hyper Vel	4	
0123.bcand938	960	11:19	16:52:30.8	41:58:28	600	90	2.0	#166 Hyper Vel	4	
0124.COMP	10	11:35	16:52:30.8	41:58:28	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>
0125-0144.BIAS	0	11:48	21:55:35.6	-7:28:30	600	90	2.0	#166 Hyper Vel	4	
0145-0154.FLAT	24	11:56	21:55:35.6	-7:28:30	600	90	2.0	#166 Hyper Vel	4	
0155-0159.DARK	900	13:17	21:55:35.6	-7:28:30	600	90	2.0	#166 Hyper Vel	4	
0160-0164.DARK	900	14:34	21:55:35.6	-7:28:30	600	90	2.0	#166 Hyper Vel	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	2:23	11:00:08.6	+31:31:47	300	90	3.0	#166 Hyper Vel	4	
0002.DARK	900	2:38	11:15:19.9	+31:31:50	300	90	3.0	#166 Hyper Vel	4	
0003.DARK	900	2:53	11:30:27.5	+31:31:52	300	90	3.0	#166 Hyper Vel	4	
0004.DARK	900	3:08	11:45:39.0	+31:31:53	300	90	3.0	#166 Hyper Vel	4	
0005-0008.DARK	900	4:08	12:46:14.0	+31:31:55	300	90	3.0	#166 Hyper Vel	4	
0009-0018.BIAS	0	4:34	12:57:13.6	+31:31:54	300	90	3.0	#166 Hyper Vel	4	
0019-0028.FLAT	8	4:42	13:05:28.9	+31:31:54	300	90	3.0	#166 Hyper Vel	4	
0029-0038.BIAS	0	4:45	13:08:09.3	+31:31:54	300	90	3.0	#166 Hyper Vel	2	
0039-0057.FLAT	16	4:54	13:17:29.8	+31:31:53	300	90	3.0	#166 Hyper Vel	2	
0058.FLAT	16	4:55	13:17:59.8	+31:31:52	300	90	3.0	#166 Hyper Vel	2	
0059.HD84937	7	4:59	09:48:54.8	13:45:13	300	90	3.0	#56 Spectropho	4	
0060.HD84937	7	4:59	09:48:54.8	13:45:13	300	90	3.0	#56 Spectropho	4	
0061.HD84937	7	5:00	09:48:54.8	13:45:13	300	90	3.0	#56 Spectropho	4	
0062.COMP	5	5:00	09:48:54.8	13:45:13	300	90	3.0	#56 Spectropho	4	
0063.HD84937	12	5:01	09:48:54.8	13:45:13	300	60	3.0	#56 Spectropho	2	
0064.HD84937	12	5:01	09:48:54.8	13:45:13	300	60	3.0	#56 Spectropho	2	
0065.HD84937	12	5:02	09:48:54.8	13:45:13	300	60	3.0	#56 Spectropho	2	
0066.COMP	12	5:03	09:48:54.8	13:45:13	300	60	3.0	#56 Spectropho	2	
0067.Feige34	70	5:06	10:39:36.8	43:06:10	300	94	3.0	#56 Spectropho	2	
0068.COMP	12	5:07	10:39:36.8	43:06:10	300	94	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>
0069.Feige34	70	5:09	10:39:36.8	43:06:10	300	90	3.0	#56 Spectropho	4	
0070.COMP	5	5:10	10:39:36.8	43:06:10	300	90	3.0	#56 Spectropho	4	
0071.sn2006cf	1800	5:44	10:54:2.5	46:01:36	300	101	3.0	#2 SN Observat	2	
0072.COMP	12	6:15	10:54:2.5	46:01:36	300	101	3.0	#2 SN Observat	2	clouds returning?
0073.sn2006bt	1800	6:25	15:56:30.5	+20:02:45	300	-30	3.0	#2 SN Observat	2	
0074.COMP	12	6:56	15:56:30.5	+20:02:45	300	-30	3.0	#2 SN Observat	2	
0075.N4051	240	7:01	12:03:09.7	+44:31:53	300	90	3.0	#6 AGN Monitor	2	
0076.N4051	240	7:05	12:03:09.7	+44:31:53	300	90	3.0	#6 AGN Monitor	2	
0077.COMP	12	7:09	12:03:09.7	+44:31:53	300	90	3.0	#6 AGN Monitor	2	
0078.N4151	30	7:11	12:10:32.6	+39:24:21	300	90	3.0	#6 AGN Monitor	2	
0079.N4151	30	7:12	12:10:32.6	+39:24:21	300	90	3.0	#6 AGN Monitor	2	
0080.COMP	12	7:12	12:10:32.6	+39:24:21	300	90	3.0	#6 AGN Monitor	2	
0081.MRK279	240	7:16	13:51:53.6	69:33:13	300	90	3.0	#6 AGN Monitor	2	
0082.MRK279	240	7:20	13:51:53.6	69:33:13	300	90	3.0	#6 AGN Monitor	2	
0083.COMP	12	7:26	13:51:53.6	69:33:13	300	90	3.0	#6 AGN Monitor	2	
0084.N5548	240	7:29	14:17:59.6	+25:08:12	300	90	3.0	#6 AGN Monitor	2	
0085.N5548	240	7:33	14:17:59.6	+25:08:12	300	90	3.0	#6 AGN Monitor	2	
0086.COMP	12	7:38	14:17:59.6	+25:08:12	300	90	3.0	#6 AGN Monitor	2	
0087.cirfastb257	1200	7:40	14:40:58.6	2:11:08	300	90	3.0	#64f Cluster I	2	
0088.COMP	12	8:01	14:40:58.6	2:11:08	300	90	3.0	#64f Cluster I	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>
0089.cirsfastb258	600	8:05	15:18:42.0	47:33:04	300	90	3.0	#64f Cluster I	2	
0090.COMP	12	8:15	15:18:42.0	47:33:04	300	90	3.0	#64f Cluster I	2	
0091.cirsfastb259	1200	8:18	15:19:49.6	48:43:05	300	10	3.0	#64f Cluster I	2	
0092.COMP	12	8:39	15:19:49.6	48:43:05	300	10	3.0	#64f Cluster I	2	
0093.cirsfastb261	1500	8:44	15:20:52.3	47:44:20	300	90	3.0	#64f Cluster I	2	
0094.COMP	12	9:09	15:20:52.3	47:44:20	300	90	3.0	#64f Cluster I	2	
0095.cirsfastb295	1020	9:11	16:00:46.5	54:18:26	300	90	3.0	#64f Cluster I	2	
0096.COMP	12	9:28	16:00:46.5	54:18:26	300	90	3.0	#64f Cluster I	2	
0097.c8-HM	1200	9:31	15:27:45.1	28:55:45	300	90	3.0	#113 Interacti	2	
0098.COMP	12	9:51	15:27:45.1	28:55:45	300	90	3.0	#113 Interacti	2	
0099.c9-BI	1680	9:54	15:29:58.3	29:00:09	300	90	3.0	#113 Interacti	2	
0100.COMP	12	10:22	15:29:58.3	29:00:09	300	90	3.0	#113 Interacti	2	
0101.c21-EY	1500	10:24	16:11:29.5	29:27:00	300	90	3.0	#113 Interacti	2	
0102.COMP	12	10:49	16:11:29.5	29:27:00	300	90	3.0	#113 Interacti	2	
0103.3C390.3	300	10:52	18:42:09.0	79:46:17	300	90	3.0	#6 AGN Monitor	2	
0104.3C390.3	300	10:58	18:42:09.0	79:46:17	300	90	3.0	#6 AGN Monitor	2	
0105.3C390.3	300	11:03	18:42:09.0	79:46:17	300	90	3.0	#6 AGN Monitor	2	
0106.COMP	12	11:08	18:42:09.0	79:46:17	300	90	3.0	#6 AGN Monitor	2	
0107.BDp284211	60	11:11	21:51:11.1	28:51:53	300	90	3.0	#56 Spectropho	2	
0108.BDp284211	60	11:12	21:51:11.1	28:51:53	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>
0109.COMP	12	11:14	21:51:11.1	28:51:53	300	90	3.0	#56 Spectropho	2	
0110-0119.BIAS	0	11:55	18:00:07.3	+66:36:54	300	90	3.0	#56 Spectropho	4	
0120-0129.FLAT	8	12:01	18:00:07.3	+66:36:54	300	90	3.0	#56 Spectropho	4	
0130-0139.BIAS	0	12:05	18:00:07.3	+66:36:54	300	90	3.0	#56 Spectropho	2	
0140-0159.FLAT	16	12:15	18:00:07.3	+66:36:54	300	90	3.0	#56 Spectropho	2	
0160-0169.DARK	900	14:35	18:00:07.3	+66:36:54	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>
0001.DARK	900	0:21	09:01:58.1	+31:31:11	300	90	3.0	#56 Spectropho	4	
0002.DARK	900	0:36	09:17:08.7	+31:31:17	300	90	3.0	#56 Spectropho	4	
0003.DARK	900	0:51	09:32:19.4	+31:31:22	300	90	3.0	#56 Spectropho	4	
0004.DARK	900	1:06	09:47:26.4	+31:31:28	300	90	3.0	#56 Spectropho	4	
0005.DARK	900	1:21	10:02:37.5	+31:31:32	300	90	3.0	#56 Spectropho	4	
0006.DARK	900	1:36	10:17:44.8	+31:31:37	300	90	3.0	#56 Spectropho	4	
0007.DARK	900	1:51	10:32:55.6	+31:31:41	300	90	3.0	#56 Spectropho	4	
0008.DARK	900	2:07	10:48:06.7	+31:31:44	300	90	3.0	#56 Spectropho	4	
0009.DARK	900	2:22	11:03:14.0	+31:31:47	300	90	3.0	#56 Spectropho	4	
0010.DARK	900	2:37	11:18:25.0	+31:31:50	300	90	3.0	#56 Spectropho	4	
0011-0020.BIAS	0	2:53	11:19:39.4	+31:31:50	300	90	3.0	#56 Spectropho	4	
0021-0028.FLAT	8	2:55	11:22:02.7	+31:31:50	300	90	3.0	#56 Spectropho	4	
0029-0030.FLAT	8	2:56	11:22:32.9	+31:31:51	300	90	3.0	#56 Spectropho	4	
0031-0040.BIAS	0	2:59	11:25:13.7	+31:31:51	300	90	3.0	#56 Spectropho	2	
0041-0049.FLAT	16	3:03	11:29:33.7	+31:31:51	300	90	3.0	#56 Spectropho	2	
0050-0060.FLAT	16	3:08	11:34:46.0	+31:31:52	300	90	3.0	#56 Spectropho	2	
0061.HD84937	7	3:22	09:48:54.8	13:45:13	300	52	3.0	#56 Spectropho	2	
0062.HD84937	7	3:22	09:48:54.8	13:45:13	300	52	3.0	#56 Spectropho	2	
0063.HD84937	7	3:23	09:48:54.8	13:45:13	300	52	3.0	#56 Spectropho	2	
0064.COMP	12	3:24	09:48:54.8	13:45:13	300	52	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>
0065.Feige34	70	3:26	10:39:36.8	43:06:10	300	110	3.0	#56 Spectropho	2	
0066.Feige34	70	3:28	10:39:36.8	43:06:10	300	110	3.0	#56 Spectropho	2	
0067.COMP	12	3:29	10:39:36.8	43:06:10	300	110	3.0	#56 Spectropho	2	
0068.N3377	180	3:31	10:45:02.6	+14:14:51	300	90	3.0	#57 Velocity S	2	
0069.COMP	12	3:35	10:45:02.6	+14:14:51	300	90	3.0	#57 Velocity S	2	
0070.sn2006cf	1500	3:43	10:54:2.5	46:01:36	300	-45	3.0	#2 SN Observat	2	
0071.COMP	12	4:09	10:54:2.5	46:01:36	300	-45	3.0	#2 SN Observat	2	
0072.cirrfastb088	900	4:34	10:16:28.5	-1:05:54	300	90	3.0	#64f Cluster I	2	
0073.COMP	12	4:49	10:16:28.5	-1:05:54	300	90	3.0	#64f Cluster I	2	
0074.cirrfastb089	900	4:51	10:17:40.6	-00:28:54	300	90	3.0	#64f Cluster I	2	
0075.COMP	12	5:07	10:17:40.6	-00:28:54	300	90	3.0	#64f Cluster I	2	
0076.cirrfastb090	1020	5:09	10:20:16.2	37:16:28	300	90	3.0	#64f Cluster I	2	
0077.COMP	12	5:30	10:20:16.2	37:16:28	300	90	3.0	#64f Cluster I	2	
0078.cirrfastb091	1080	5:32	10:22:10.0	38:31:23	300	90	3.0	#64f Cluster I	2	
0079.COMP	12	5:51	10:22:10.0	38:31:23	300	90	3.0	#64f Cluster I	2	
0080.sn2006cb	1800	6:17	14:16:31.8	39:35:15	300	-36	3.0	#2 SN Observat	2	
0081.COMP	12	6:49	14:16:31.8	39:35:15	300	-36	3.0	#2 SN Observat	2	
0082.sn2006cd	1800	6:56	16:05:22.0	17:45:5	300	-33	3.0	#2 SN Observat	2	
0083.COMP	12	7:26	16:05:22.0	17:45:5	300	-33	3.0	#2 SN Observat	2	
0084.c21-FJ	1500	7:30	16:11:51.5	29:51:49	300	90	3.0	#113 Interacti	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>
0085.COMP	12	7:55	16:11:51.5	29:51:49	300	90	3.0	#113 Interacti	2	
0086.c21-F0	1500	7:57	16:11:56.6	29:27:16	300	90	3.0	#113 Interacti	2	
0087.COMP	12	8:22	16:11:56.6	29:27:16	300	90	3.0	#113 Interacti	2	
0088.c21-FX	1920	8:23	16:12:16.7	29:34:22	300	90	3.0	#113 Interacti	2	
0089.COMP	12	8:56	16:12:16.7	29:34:22	300	90	3.0	#113 Interacti	2	
0090.IPHAS_B519	900	9:03	18:40:20.9	-2:6:57	300	90	3.0	#157 IPHAS	2	row=81
0091.COMP	12	9:18	18:40:20.9	-2:6:57	300	90	3.0	#157 IPHAS	2	
0092.IPHAS_B520	1200	9:21	18:40:20.2	-2:7:5	300	85	3.0	#157 IPHAS	2	row=81
0093.COMP	12	9:41	18:40:20.2	-2:7:5	300	85	3.0	#157 IPHAS	2	
0094.IPHAS_B521	1500	9:44	18:40:22.7	-2:11:12	300	90	3.0	#157 IPHAS	2	row=80
0095.COMP	12	10:10	18:40:22.7	-2:11:12	300	90	3.0	#157 IPHAS	2	
0096.IPHAS_B522	1200	10:13	18:40:43.1	-2:34:56	300	90	3.0	#157 IPHAS	2	row=79
0097.COMP	12	10:34	18:40:43.1	-2:34:56	300	90	3.0	#157 IPHAS	2	
0098.IPHAS_B523	1200	10:37	18:40:35.5	-2:19:21	300	70	3.0	#157 IPHAS	2	row=79
0099.COMP	12	10:57	18:40:35.5	-2:19:21	300	70	3.0	#157 IPHAS	2	
0100.MRK509	180	10:59	20:44:09.8	-10:43:24	300	90	3.0	#6 AGN Monitor	2	
0101.MRK509	180	11:02	20:44:09.8	-10:43:24	300	90	3.0	#6 AGN Monitor	2	
0102.COMP	12	11:06	20:44:09.8	-10:43:24	300	90	3.0	#6 AGN Monitor	2	
0103.RSOph	10	11:08	17:50:13	-06:42:30	300	90	3.0	#12 Symbiotic	2	
0104.RSOph	60	11:08	17:50:13	-06:42:30	300	90	3.0	#12 Symbiotic	2	

UT Date 2006-05-20 Observers CalkinsColl. Focus 990 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>
0105.RSOph	150	11:10	17:50:13	-06:42:30	300	90	3.0	#12 Symbiotic	2	
0106.COMP	12	11:13	17:50:13	-06:42:30	300	90	3.0	#12 Symbiotic	2	
0107.YYHer	10	11:14	18:14:34	20:59:19	300	90	3.0	#12 Symbiotic	2	
0108.YYHer	60	11:15	18:14:34	20:59:19	300	90	3.0	#12 Symbiotic	2	
0109.COMP	12	11:16	18:14:34	20:59:19	300	90	3.0	#12 Symbiotic	2	
0110.V443Her	5	11:19	18:22:07	23:27:20	300	90	3.0	#12 Symbiotic	2	
0111.V443Her	45	11:19	18:22:07	23:27:20	300	90	3.0	#12 Symbiotic	2	
0112.V443Her	90	11:20	18:22:07	23:27:20	300	90	3.0	#12 Symbiotic	2	
0113.COMP	12	11:22	18:22:07	23:27:20	300	90	3.0	#12 Symbiotic	2	
0114.BFCyg	1	11:23	19:23:53	29:40:27	300	90	3.0	#12 Symbiotic	2	
0115.BFCyg	60	11:23	19:23:53	29:40:27	300	90	3.0	#12 Symbiotic	2	
0116.COMP	12	11:25	19:23:53	29:40:27	300	90	3.0	#12 Symbiotic	2	
0117.CHCyg	1	11:27	19:24:33	50:14:30	300	90	3.0	#12 Symbiotic	2	
0118.CHCyg	5	11:27	19:24:33	50:14:30	300	90	3.0	#12 Symbiotic	2	
0119.CHCyg	30	11:28	19:24:33	50:14:30	300	90	3.0	#12 Symbiotic	2	
0120.COMP	12	11:29	19:24:33	50:14:30	300	90	3.0	#12 Symbiotic	2	
0121.CICyg	2	11:32	19:50:12	35:41:02	300	90	3.0	#12 Symbiotic	2	
0122.CICyg	20	11:32	19:50:12	35:41:02	300	90	3.0	#12 Symbiotic	2	
0123.CICyg	60	11:33	19:50:12	35:41:02	300	90	3.0	#12 Symbiotic	2	
0124.COMP	12	11:34	19:50:12	35:41:02	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>
0125.PUVu1	1	11:35	20:21:13	21:34:21	300	90	3.0	#12 Symbiotic	2	
0126.PUVu1	5	11:36	20:21:13	21:34:21	300	90	3.0	#12 Symbiotic	2	
0127.PUVu1	60	11:36	20:21:13	21:34:21	300	90	3.0	#12 Symbiotic	2	
0128.COMP	12	11:38	20:21:13	21:34:21	300	90	3.0	#12 Symbiotic	2	
0129-0138.BIAS	0	11:41	20:21:13	21:34:21	300	90	3.0	#157 IPHAS	4	
0139-0148.FLAT	8	11:52	20:21:13	21:34:21	300	90	3.0	#157 IPHAS	4	
0149-0158.BIAS	0	11:54	20:21:13	21:34:21	300	90	3.0	#157 IPHAS	2	
0159-0178.FLAT	16	12:04	20:21:13	21:34:21	300	90	3.0	#157 IPHAS	2	
0179-0188.DARK	900	14:24	20:21:13	21:34:21	300	90	3.0	#157 IPHAS	2	

UT Date 2006-05-21 Observers CalkinsColl. Focus 990 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>
0001-0010.DARK	900	1:33	20:21:13	21:34:21	300	90	3.0	#157 IPHAS	4	
0011-0020.BIAS	0	1:58	20:21:13	21:34:21	300	90	3.0	#157 IPHAS	4	
0021-0030.FLAT	8	2:05	20:21:13	21:34:21	300	90	3.0	#157 IPHAS	4	
0031-0040.BIAS	0	2:08	20:21:13	21:34:21	300	90	3.0	#157 IPHAS	2	
0041-0060.FLAT	16	2:21	20:21:13	21:34:21	300	90	3.0	#157 IPHAS	2	
0061.HD84937	9	3:23	09:48:54.8	13:45:13	300	41	3.0	#56 Spectropho	2	hazy (again!)
0062.HD84937	9	3:23	09:48:54.8	13:45:13	300	41	3.0	#56 Spectropho	2	
0063.HD84937	9	3:24	09:48:54.8	13:45:13	300	41	3.0	#56 Spectropho	2	
0064.COMP	12	3:24	09:48:54.8	13:45:13	300	41	3.0	#56 Spectropho	2	
0065.Feige34	70	3:30	10:39:36.8	43:06:10	300	110	3.0	#56 Spectropho	2	
0066.COMP	12	3:32	10:39:36.8	43:06:10	300	110	3.0	#56 Spectropho	2	
0067.SDSS0839+5020	1200	3:35	08:39:14.0	+50:20:37	300	96	3.0	#165 Quasar Br	2	
0068.COMP	12	3:56	08:39:14.0	+50:20:37	300	96	3.0	#165 Quasar Br	2	
0069.COMP	12	3:58	09:20:11.3	+49:54:04	300	100	3.0	#165 Quasar Br	2	
0070.SDSS0920+4954	1200	3:59	09:20:11.3	+49:54:04	300	100	3.0	#165 Quasar Br	2	
0071.SDSS0920+4954	1200	4:19	09:20:11.3	+49:54:04	300	100	3.0	#165 Quasar Br	2	
0072.SDSS0920+4954	1200	4:39	09:20:11.3	+49:54:04	300	100	3.0	#165 Quasar Br	2	
0073.COMP	12	5:00	09:20:11.3	+49:54:04	300	100	3.0	#165 Quasar Br	2	
0074.COMP	12	5:05	09:59:29.8	+63:33:59	300	108	3.0	#165 Quasar Br	2	
0075.SDSS0959+6333	1200	5:06	09:59:29.8	+63:33:59	300	108	3.0	#165 Quasar Br	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0076.SDSS0959+6333	1200	5:26	09:59:29.8	+63:33:59	300	108	3.0	#165 Quasar Br	2	
0077.SDSS0959+6333	1200	5:47	09:59:29.8	+63:33:59	300	108	3.0	#165 Quasar Br	2	
0078.COMP	12	6:07	09:59:29.8	+63:33:59	300	108	3.0	#165 Quasar Br	2	
0079.sn2006cf	1800	6:09	10:54:2.5	46:01:36	300	88	3.0	#2 SN Observat	2	
0080.COMP	12	6:40	10:54:2.5	46:01:36	300	88	3.0	#2 SN Observat	2	
0081.sn2006cj	1320	6:48	12:59:24.4	28:20:51	300	55	3.0	#2 SN Observat	2	shorten for clouds
0082.COMP	12	7:11	12:59:24.4	28:20:51	300	55	3.0	#2 SN Observat	2	wait out clouds
0083.bcand828	1500	10:05	15:49:28.7	40:30:02	600	90	2.0	#166 Hyper Vel	4	600L, 2arcsec, tilt=440
0084.COMP	10	10:30	15:49:28.7	40:30:02	600	90	2.0	#166 Hyper Vel	4	
0085.BDp284211	90	10:32	21:51:11.1	28:51:53	600	90	2.0	#166 Hyper Vel	4	
0086.COMP	10	10:36	21:51:11.1	28:51:53	600	90	2.0	#166 Hyper Vel	4	
0087.bcand836	1320	10:39	17:19:47.8	59:16:04	600	90	2.0	#166 Hyper Vel	4	
0088.COMP	10	11:01	17:19:47.8	59:16:04	600	90	2.0	#166 Hyper Vel	4	
0089.bcand942	840	11:04	21:53:38.2	-0:26:59	600	90	2.0	#166 Hyper Vel	4	
0090.COMP	10	11:18	21:53:38.2	-0:26:59	600	90	2.0	#166 Hyper Vel	4	
0091-0100.FLAT	24	11:35	21:53:38.2	-0:26:59	600	90	2.0	#2 SN Observat	4	
0101.FLAT	16	12:02	21:53:38.2	-0:26:59	300	90	3.0	#2 SN Observat	2	combo setup
0102-0120.FLAT	16	12:11	21:53:38.2	-0:26:59	300	90	3.0	#2 SN Observat	2	
0121-0130.BIAS	0	12:15	21:53:38.2	-0:26:59	300	90	3.0	#2 SN Observat	2	
0131-0140.DARK	900	14:33	21:53:38.2	-0:26:59	300	90	3.0	#2 SN Observat	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.DARK	900	0:32	21:53:38.2	-0:26:59	300	90	3.0	#2 SN Observat	4	
0011-0020.BIAS	0	1:37	21:53:38.2	-0:26:59	300	90	3.0	#2 SN Observat	4	
0021-0030.FLAT	8	1:45	21:53:38.2	-0:26:59	300	90	3.0	#2 SN Observat	4	
0031-0040.BIAS	0	1:51	21:53:38.2	-0:26:59	300	90	3.0	#2 SN Observat	2	
0041-0060.FLAT	16	2:01	21:53:38.2	-0:26:59	300	90	3.0	#2 SN Observat	2	
0061.HD84937	9	3:10	09:48:54.8	13:45:13	300	51	3.0	#56 Spectropho	2	
0062.HD84937	9	3:11	09:48:54.8	13:45:13	300	51	3.0	#56 Spectropho	2	
0063.HD84937	9	3:11	09:48:54.8	13:45:13	300	51	3.0	#56 Spectropho	2	
0064.COMP	12	3:12	09:48:54.8	13:45:13	300	51	3.0	#56 Spectropho	2	
0065.Feige34	90	3:15	10:39:36.8	43:06:10	300	110	3.0	#56 Spectropho	2	
0066.Feige34	90	3:16	10:39:36.8	43:06:10	300	110	3.0	#56 Spectropho	2	
0067.COMP	12	3:18	10:39:36.8	43:06:10	300	110	3.0	#56 Spectropho	2	
0068.SDSS0839+5020	1500	3:21	08:39:14.0	+50:20:37	300	99	3.0	#165 Quasar Br	2	
0069.COMP	12	3:47	08:39:14.0	+50:20:37	300	99	3.0	#165 Quasar Br	2	
0070.SDSS0935+0335	1200	3:52	09:35:14.7	+03:35:45	300	60	3.0	#165 Quasar Br	2	
0071.SDSS0935+0335	1200	4:12	09:35:14.7	+03:35:45	300	60	3.0	#165 Quasar Br	2	
0072.SDSS0935+0335	1200	4:32	09:35:14.7	+03:35:45	300	60	3.0	#165 Quasar Br	2	
0073.COMP	12	4:52	09:35:14.7	+03:35:45	300	60	3.0	#165 Quasar Br	2	
0074.SDSS1022+0214	1200	4:57	10:22:14.7	+02:14:28	300	51	3.0	#165 Quasar Br	2	
0075.SDSS1022+0214	1200	5:17	10:22:14.7	+02:14:28	300	51	3.0	#165 Quasar Br	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>
0076.SDSS1022+0214	1200	5:38	10:22:14.7	+02:14:28	300	51	3.0	#165 Quasar Br	2	
0077.COMP	12	5:58	10:22:14.7	+02:14:28	300	51	3.0	#165 Quasar Br	2	
0078.sn2006cf	1800	6:01	10:54:2.5	46:01:36	300	88	3.0	#2 SN Observat	2	
0079.COMP	12	6:32	10:54:2.5	46:01:36	300	88	3.0	#2 SN Observat	2	
0080.sn2006cj	1800	6:36	12:59:24.4	28:20:51	300	60	3.0	#2 SN Observat	2	
0081.COMP	12	7:06	12:59:24.4	28:20:51	300	60	3.0	#2 SN Observat	2	
0082.BDp332642	70	7:11	15:51:59.9	32:56:54	600	90	2.0	#166 Hyper Vel	4	600L, 2 arcsec, tilt=440
0083.COMP	10	7:13	15:51:59.9	32:56:54	600	90	2.0	#166 Hyper Vel	4	
0084.bcand864	1140	7:15	12:37:53.2	43:31:53	600	90	2.0	#166 Hyper Vel	4	
0085.COMP	10	7:35	12:37:53.2	43:31:53	600	90	2.0	#166 Hyper Vel	4	
0086.bcand587	1260	7:58	12:55:46.9	36:58:39	600	90	2.0	#166 Hyper Vel	4	
0087.COMP	10	8:19	12:55:46.9	36:58:39	600	90	2.0	#166 Hyper Vel	4	
0088.bcand798	720	8:21	15:13:21.1	20:11:42	600	90	2.0	#166 Hyper Vel	4	
0089.COMP	10	8:33	15:13:21.1	20:11:42	600	90	2.0	#166 Hyper Vel	4	
0090.bcand796	1080	8:34	15:12:25.9	29:24:41	600	90	2.0	#166 Hyper Vel	4	
0091.COMP	10	8:53	15:12:25.9	29:24:41	600	90	2.0	#166 Hyper Vel	4	
0092.bcand797	1020	8:54	15:12:40.6	27:49:30	600	90	2.0	#166 Hyper Vel	4	
0093.COMP	10	9:11	15:12:40.6	27:49:30	600	90	2.0	#166 Hyper Vel	4	
0094.bcand799	840	9:13	15:14:41.6	27:59:41	600	95	2.0	#166 Hyper Vel	4	
0095.COMP	10	9:27	15:14:41.6	27:59:41	600	95	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>
0096.bcand878	1080	9:29	15:15:19.2	5:43:33	600	90	2.0	#166 Hyper Vel	4	
0097.COMP	10	9:47	15:15:19.2	5:43:33	600	90	2.0	#166 Hyper Vel	4	
0098.bcand800	1140	9:48	15:15:20.0	41:32:35	600	90	2.0	#166 Hyper Vel	4	
0099.COMP	10	10:08	15:15:20.0	41:32:35	600	90	2.0	#166 Hyper Vel	4	
0100.bcand801	1080	10:09	15:15:33.8	31:41:42	600	90	2.0	#166 Hyper Vel	4	
0101.COMP	10	10:27	15:15:33.8	31:41:42	600	90	2.0	#166 Hyper Vel	4	
0102-0111.FLAT	24	10:36	21:32:4.2	02:54:50	600	90	2.0	#166 Hyper Vel	4	
0112.cirfastb307	1020	10:47	16:14:01.3	49:10:58	300	90	3.0	#64f Cluster I	4	combo setup
0113.COMP	5	11:05	16:14:01.3	49:10:58	300	90	3.0	#64f Cluster I	4	
0114.cirfastb308	480	11:09	16:20:02.6	49:18:35	300	90	3.0	#64f Cluster I	4	
0115.COMP	5	11:17	16:20:02.6	49:18:35	300	90	3.0	#64f Cluster I	4	
0116.Akn564	180	11:20	22:42:39.4	+29:43:31	300	90	3.0	#6 AGN Monitor	4	
0117.Akn564	180	11:23	22:42:39.4	+29:43:31	300	90	3.0	#6 AGN Monitor	4	
0118.COMP	5	11:26	22:42:39.4	+29:43:31	300	90	3.0	#6 AGN Monitor	4	
0119.BDp284211	70	11:27	21:51:11.1	28:51:53	300	90	3.0	#56 Spectropho	4	
0120.COMP	5	11:29	21:51:11.1	28:51:53	300	90	3.0	#56 Spectropho	4	
0121-0130.BIAS	0	11:33	21:51:11.1	28:51:53	300	90	3.0	#64f Cluster I	4	
0131-0140.FLAT	8	11:38	21:51:11.1	28:51:53	300	90	3.0	#64f Cluster I	4	
0141-0150.BIAS	0	11:41	21:51:11.1	28:51:53	300	90	3.0	#64f Cluster I	2	
0151-0170.FLAT	16	11:51	21:51:11.1	28:51:53	300	90	3.0	#64f Cluster I	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>
0171-0178.DARK	900	13:39	21:51:11.1	28:51:53	300	90	3.0	#64f Cluster I	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	1:53	10:31:07.9	+31:31:40	300	90	3.0	#64f Cluster I	4	
0011-0015.FLAT	8	1:55	10:32:51.9	+31:31:40	300	90	3.0	#64f Cluster I	4	
0016-0020.FLAT	8	1:56	10:34:35.5	+31:31:41	300	90	3.0	#64f Cluster I	4	
0021-0030.BIAS	0	1:59	10:36:46.0	+31:31:41	300	90	3.0	#64f Cluster I	2	
0031-0038.FLAT	16	2:02	10:40:57.6	+31:31:42	300	90	3.0	#64f Cluster I	2	
0039-0047.FLAT	16	2:07	10:45:27.4	+31:31:43	300	90	3.0	#64f Cluster I	2	
0048-0050.FLAT	16	2:08	10:46:58.4	+31:31:44	300	90	3.0	#64f Cluster I	2	
0051-0055.sky	3	2:34	11:10:00	32:00:00	300	90	3.0	#57 Velocity S	4	
0056.COMP	5	2:35	11:10:00	32:00:00	300	90	3.0	#57 Velocity S	4	
0057.HD84937	10	3:05	09:48:54.8	13:45:13	300	52	3.0	#56 Spectropho	2	
0058.HD84937	10	3:06	09:48:54.8	13:45:13	300	52	3.0	#56 Spectropho	2	
0059.HD84937	10	3:06	09:48:54.8	13:45:13	300	52	3.0	#56 Spectropho	2	
0060.COMP	10	3:07	09:48:54.8	13:45:13	300	52	3.0	#56 Spectropho	2	
0061.Feige34	120	3:09	10:39:36.8	43:06:10	300	90	3.0	#56 Spectropho	2	
0062.Feige34	240	3:11	10:39:36.8	43:06:10	300	90	3.0	#56 Spectropho	2	
0063.COMP	10	3:15	10:39:36.8	43:06:10	300	90	3.0	#56 Spectropho	2	
0064.c18-EB	1500	3:24	9:16:41.1	29:20:21	300	90	3.0	#113 Interacti	2	
0065.COMP	10	3:50	9:16:41.1	29:20:21	300	90	3.0	#113 Interacti	2	
0066.c18-EF	1800	3:51	9:17:00.1	29:21:03	300	90	3.0	#113 Interacti	2	
0067.COMP	10	4:21	9:17:00.1	29:21:03	300	90	3.0	#113 Interacti	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.sn2006ck	1500	4:25	13:09:40.4	-01:02:57	300	0	3.0	#2 SN Observat	2	
0069.COMP	10	4:51	13:09:40.4	-01:02:57	300	0	3.0	#2 SN Observat	2	
0070.SDSS1328+5731	1200	4:54	13:28:01.2	+57:31:13	300	0	3.0	#165 Quasar Br	2	
0071.COMP	10	5:14	13:28:01.2	+57:31:13	300	0	3.0	#165 Quasar Br	2	
0072.SDSS1334-0123	1200	5:17	13:34:28.0	-01:23:49	300	15	3.0	#165 Quasar Br	2	
0073.COMP	10	5:38	13:34:28.0	-01:23:49	300	15	3.0	#165 Quasar Br	2	
0074.SDSS1334-0123	1200	5:39	13:34:28.0	-01:23:49	300	19	3.0	#165 Quasar Br	2	
0075.COMP	10	5:59	13:34:28.0	-01:23:49	300	19	3.0	#165 Quasar Br	2	
0076.SDSS1334-0123	1200	6:02	13:34:28.0	-01:23:49	300	27	3.0	#165 Quasar Br	2	
0077.COMP	10	6:22	13:34:28.0	-01:23:49	300	27	3.0	#165 Quasar Br	2	
0078.SDSS1437+0428	1200	6:25	14:37:52.7	+04:28:54	300	16	3.0	#165 Quasar Br	2	
0079.COMP	10	6:45	14:37:52.7	+04:28:54	300	16	3.0	#165 Quasar Br	2	
0080.SDSS1437+0428	1200	6:47	14:37:52.7	+04:28:54	300	24	3.0	#165 Quasar Br	2	
0081.COMP	10	7:08	14:37:52.7	+04:28:54	300	24	3.0	#165 Quasar Br	2	
0082.SDSS1437+0428	1200	7:09	14:37:52.7	+04:28:54	300	32	3.0	#165 Quasar Br	2	
0083.COMP	10	7:29	14:37:52.7	+04:28:54	300	32	3.0	#165 Quasar Br	2	
0084.sn2006cj	1800	7:34	12:59:24.4	28:20:51	300	72	3.0	#2 SN Observat	2	
0085.COMP	10	8:04	12:59:24.4	28:20:51	300	72	3.0	#2 SN Observat	2	
0086.cirsfastb262	660	8:08	15:21:11.2	49:46:03	300	90	3.0	#64 Cluster In	4	cooked
0087.COMP	5	8:19	15:21:11.2	49:46:03	300	90	3.0	#64 Cluster In	4	

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0088.cirsfastb263	420	8:20	15:21:39.8	49:02:19	300	90	3.0	#64 Cluster In	4	
0089.COMP	5	8:28	15:21:39.8	49:02:19	300	90	3.0	#64 Cluster In	4	
0090.cirsfastb264	720	8:28	15:21:43.5	49:03:01	300	90	3.0	#64 Cluster In	4	
0091.COMP	5	8:41	15:21:43.5	49:03:01	300	90	3.0	#64 Cluster In	4	
0092.cirsfastb265	720	8:41	15:22:29.0	48:02:31	300	90	3.0	#64 Cluster In	4	
0093.COMP	5	8:54	15:22:29.0	48:02:31	300	90	3.0	#64 Cluster In	4	
0094.cirsfastb266	960	8:55	15:22:37.6	47:27:16	300	90	3.0	#64 Cluster In	4	
0095.COMP	5	9:11	15:22:37.6	47:27:16	300	90	3.0	#64 Cluster In	4	
0096.cirsfastb267	1080	9:12	15:22:44.7	48:09:33	300	90	3.0	#64 Cluster In	2	
0097.COMP	10	9:31	15:22:44.7	48:09:33	300	90	3.0	#64 Cluster In	2	
0098.cirsfastb268	720	9:32	15:25:34.1	48:36:37	300	90	3.0	#64 Cluster In	4	
0099.COMP	5	9:44	15:25:34.1	48:36:37	300	90	3.0	#64 Cluster In	4	
0100.cirsfastb269	540	9:45	15:39:23.5	36:09:41	300	90	3.0	#64 Cluster In	4	
0101.COMP	5	9:54	15:39:23.5	36:09:41	300	90	3.0	#64 Cluster In	4	
0102.RSOph	1	9:57	17:50:13	-06:42:30	300	20	3.0	#12 Symbiotic	2	
0103.RSOph	2	9:57	17:50:13	-06:42:30	300	20	3.0	#12 Symbiotic	2	
0104.RSOph	10	9:58	17:50:13	-06:42:30	300	20	3.0	#12 Symbiotic	2	
0105.RSOph	30	9:59	17:50:13	-06:42:30	300	20	3.0	#12 Symbiotic	2	
0106.RSOph	90	10:00	17:50:13	-06:42:30	300	20	3.0	#12 Symbiotic	2	
0107.COMP	10	10:02	17:50:13	-06:42:30	300	20	3.0	#12 Symbiotic	2	

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0108.IPHAS_B525	900	10:09	18:40:20.5	-1:59:6	300	90	3.0	#157 IPHAS	2	target is the M star in the usual location row 79
0109.COMP	10	10:24	18:40:20.5	-1:59:6	300	90	3.0	#157 IPHAS	2	
0110.IPHAS_B524	900	10:25	18:40:31.9	-1:44:57	300	90	3.0	#157 IPHAS	2	
0111.COMP	10	10:40	18:40:31.9	-1:44:57	300	90	3.0	#157 IPHAS	2	
0112.IPHAS_B526	1200	10:42	18:40:47.6	-1:57:17	300	90	3.0	#157 IPHAS	2	
0113.COMP	10	11:02	18:40:47.6	-1:57:17	300	90	3.0	#157 IPHAS	2	
0114.N7331	180	11:04	22:34:46.9	+34:09:43	300	90	3.0	#57 Velocity S	4	
0115.COMP	5	11:08	22:34:46.9	+34:09:43	300	90	3.0	#57 Velocity S	4	
0116.2M20592729+1356089	480	11:10	20:59:27.2	+13:56:08	300	90	3.0	#141 Mapping t	4	
0117.COMP	5	11:18	20:59:27.2	+13:56:08	300	90	3.0	#141 Mapping t	4	
0118-0127.BIAS	0	11:21	20:59:27.2	+13:56:08	300	90	3.0	#64 Cluster In	4	
0128-0137.FLAT	8	11:24	20:59:27.2	+13:56:08	300	90	3.0	#64 Cluster In	4	
0138-0147.BIAS	0	11:27	20:59:27.2	+13:56:08	300	90	3.0	#64 Cluster In	2	
0148-0157.FLAT	16	11:32	20:59:27.2	+13:56:08	300	90	3.0	#64 Cluster In	2	
0158-0162.DARK	900	12:40	20:59:27.2	+13:56:08	300	90	3.0	#64 Cluster In	2	
0163-0167.DARK	900	13:56	20:59:27.2	+13:56:08	300	90	3.0	#64 Cluster In	4	



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0001-0010.BIAS	0	1:50	10:31:53.8	+31:31:40	300	90	3.0	#64 Cluster In	4	
0011-0013.FLAT	8	1:51	10:32:55.0	+31:31:40	300	90	3.0	#64 Cluster In	4	
0014-0020.FLAT	8	1:53	10:35:18.0	+31:31:41	300	90	3.0	#64 Cluster In	4	
0021-0029.BIAS	0	1:55	10:37:15.5	+31:31:41	300	90	3.0	#64 Cluster In	2	
0030.BIAS	0	1:55	10:37:28.4	+31:31:42	300	90	3.0	#64 Cluster In	2	
0031-0038.FLAT	16	1:59	10:41:39.5	+31:31:42	300	90	3.0	#64 Cluster In	2	
0039-0046.FLAT	16	2:03	10:45:42.5	+31:31:43	300	90	3.0	#64 Cluster In	2	
0047-0050.FLAT	16	2:05	10:47:43.9	+31:31:44	300	90	3.0	#64 Cluster In	2	
0051-0055.sky	3	2:35	11:15:00	32:00:00	300	90	3.0	#57 Velocity S	4	
0056.COMP	5	2:35	11:15:00	32:00:00	300	90	3.0	#57 Velocity S	4	
0057.HD84937	10	3:10	09:48:54.8	13:45:13	300	52	3.0	#56 Spectropho	2	
0058.HD84937	10	3:11	09:48:54.8	13:45:13	300	52	3.0	#56 Spectropho	2	
0059.HD84937	10	3:11	09:48:54.8	13:45:13	300	52	3.0	#56 Spectropho	2	
0060.HD84937	10	3:11	09:48:54.8	13:45:13	300	52	3.0	#56 Spectropho	2	
0061.HD84937	10	3:12	09:48:54.8	13:45:13	300	52	3.0	#56 Spectropho	2	
0062.COMP	10	3:12	10:39:36.8	43:06:10	300	52	3.0	#56 Spectropho	2	
0063.Feige34	150	3:14	10:39:36.8	43:06:10	300	90	3.0	#56 Spectropho	2	
0064.Feige34	150	3:17	10:39:36.8	43:06:10	300	90	3.0	#56 Spectropho	2	
0065.COMP	10	3:20	10:39:36.8	43:06:10	300	90	3.0	#56 Spectropho	2	
0066.SDSS0803+3022	1200	3:24	08:03:42.0	+30:22:54	300	72	3.0	#165 Quasar Br	2	

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0067.COMP	10	3:44	08:03:42.0	+30:22:54	300	72	3.0	#165 Quasar Br	2	
0068.SDSS1007+0532	1200	3:47	10:07:11.8	+05:32:08	300	50	3.0	#165 Quasar Br	2	
0069.COMP	10	4:07	10:07:11.8	+05:32:08	300	50	3.0	#165 Quasar Br	2	
0070.SDSS1007+0532	1200	4:08	10:07:11.8	+05:32:08	300	52	3.0	#165 Quasar Br	2	
0071.COMP	10	4:29	10:07:11.8	+05:32:08	300	52	3.0	#165 Quasar Br	2	
0072.SDSS1007+0532	1200	4:30	10:07:11.8	+05:32:08	300	54	3.0	#165 Quasar Br	2	
0073.COMP	10	4:50	10:07:11.8	+05:32:08	300	54	3.0	#165 Quasar Br	2	
0074.sn2006cf	1800	4:53	10:54:2.5	46:01:36	300	96	3.0	#2 SN Observat	2	
0075.COMP	10	5:23	10:54:2.5	46:01:36	300	96	3.0	#2 SN Observat	2	
0076.Bridges4029	900	5:27	14:08:13.7	-10:53:15	300	0	3.0	#99 Other	2	for Falco and Hergenrother
0077.COMP	10	5:43	14:08:13.7	-10:53:15	300	0	3.0	#99 Other	2	
0078.HD125297	3	5:44	14:18:53.1	-14:00:57	300	0	3.0	#99 Other	2	same
0079.HD125297	30	5:45	14:18:53.1	-14:00:57	300	0	3.0	#99 Other	2	
0080.HD125297	30	5:45	14:18:53.1	-14:00:57	300	0	3.0	#99 Other	2	
0081.HD125297	30	5:46	14:18:53.1	-14:00:57	300	0	3.0	#99 Other	2	
0082.COMP	10	5:47	14:18:53.1	-14:00:57	300	0	3.0	#99 Other	2	
0083.SDSS1205+0201	1200	5:50	12:05:50.1	+02:01:31	300	47	3.0	#165 Quasar Br	2	
0084.COMP	10	6:10	12:05:50.1	+02:01:31	300	47	3.0	#165 Quasar Br	2	
0085.SDSS1205+0201	1200	6:11	12:05:50.1	+02:01:31	300	50	3.0	#165 Quasar Br	2	
0086.COMP	10	6:32	12:05:50.1	+02:01:31	300	50	3.0	#165 Quasar Br	2	

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0087.SDSS1205+0201	1200	6:32	12:05:50.1	+02:01:31	300	52	3.0	#165 Quasar Br	2	
0088.COMP	10	6:53	12:05:50.1	+02:01:31	300	52	3.0	#165 Quasar Br	2	
0089.sn2006ck	1800	6:56	13:09:40.4	-01:02:57	300	46	3.0	#2 SN Observat	2	
0090.COMP	10	7:27	13:09:40.4	-01:02:57	300	46	3.0	#2 SN Observat	2	
0091.N5846	120	7:28	15:03:56.9	+01:47:53	300	90	3.0	#57 Velocity S	4	
0092.COMP	5	7:30	15:03:56.9	+01:47:53	300	90	3.0	#57 Velocity S	4	
0093.test	5	7:34	16:20:00	25:00:00	300	90	3.0	#57 Velocity S	2	red tilt
0094.redsky	900	7:35	15:00:00	25:00:00	300	90	3.0	#99 Other	2	for Emilio and Josh
0095.COMP	5	7:50	15:00:00	25:00:00	300	90	3.0	#99 Other	2	
0096.FLAT	16	7:51	15:00:00	25:00:00	300	90	3.0	#57 Velocity S	2	red tilt
0097-0100.FLAT	16	7:54	15:00:00	25:00:00	300	90	3.0	#57 Velocity S	2	
0101.test	10	7:58	17:00:00	32:00:00	600	90	2.0	#57 Velocity S	2	
0102.bcand625	1200	8:01	12:53:28.4	4:20:44	600	90	2.0	#166 Hyper Vel	4	600-line, 2-sec, Warren
0103.COMP	10	8:21	12:53:28.4	4:20:44	600	90	2.0	#166 Hyper Vel	4	
0104.bcand733	780	8:23	14:49:55.5	31:03:51	600	90	2.0	#166 Hyper Vel	4	
0105.COMP	10	8:36	14:49:55.5	31:03:51	600	90	2.0	#166 Hyper Vel	4	
0106.bcand741	960	8:37	14:57:14.5	22:37:06	600	90	2.0	#166 Hyper Vel	4	
0107.COMP	10	8:54	14:57:14.5	22:37:06	600	90	2.0	#166 Hyper Vel	4	
0108.bcand742	780	8:54	14:59:25.0	23:33:48	600	90	2.0	#166 Hyper Vel	4	
0109.COMP	10	9:08	14:59:25.0	23:33:48	600	90	2.0	#166 Hyper Vel	4	

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0110.bcand784	900	9:08	15:02:37.4	21:39:55	600	90	2.0	#166 Hyper Vel	4	
0111.COMP	10	9:23	15:02:37.4	21:39:55	600	90	2.0	#166 Hyper Vel	4	
0112.bcand786	900	9:24	15:04:47.3	25:10:47	600	90	2.0	#166 Hyper Vel	4	
0113.COMP	10	9:40	15:04:47.3	25:10:47	600	90	2.0	#166 Hyper Vel	4	
0114.bcand787	720	9:40	15:05:39.7	34:01:37	600	90	2.0	#166 Hyper Vel	4	
0115.COMP	10	9:53	15:05:39.7	34:01:37	600	90	2.0	#166 Hyper Vel	4	
0116.bcand788	1260	9:54	15:06:14.5	41:36:35	600	90	2.0	#166 Hyper Vel	4	
0117.COMP	10	10:15	15:06:14.5	41:36:35	600	90	2.0	#166 Hyper Vel	4	
0118.bcand792	720	10:16	15:09:53.6	54:39:45	600	90	2.0	#166 Hyper Vel	4	
0119.COMP	10	10:28	15:09:53.6	54:39:45	600	90	2.0	#166 Hyper Vel	4	
0120.bcand813	1260	10:30	15:31:20.1	36:01:26	600	90	2.0	#166 Hyper Vel	4	
0121.COMP	10	10:51	15:31:20.1	36:01:26	600	90	2.0	#166 Hyper Vel	4	
0122.bcand814	780	10:52	15:32:55.6	39:03:12	600	90	2.0	#166 Hyper Vel	4	
0123.COMP	10	11:05	15:32:55.6	39:03:12	600	90	2.0	#166 Hyper Vel	4	
0124.bcand921	720	11:06	16:28:53.5	36:46:09	600	90	2.0	#166 Hyper Vel	4	
0125.COMP	10	11:18	16:28:53.5	36:46:09	600	90	2.0	#166 Hyper Vel	4	
0126.BDp284211	90	11:20	21:51:11.1	28:51:53	600	90	2.0	#166 Hyper Vel	4	
0127.BDp284211	90	11:22	21:51:11.1	28:51:53	600	90	2.0	#166 Hyper Vel	4	
0128.COMP	10	11:24	21:51:11.1	28:51:53	600	90	2.0	#166 Hyper Vel	4	
0129-0138.FLAT	24	11:30	21:51:11.1	28:51:53	600	90	2.0	#57 Velocity S	4	

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0139-0148.BIAS	0	11:32	21:51:11.1	28:51:53	600	90	2.0	#57 Velocity S	4	
0149-0153.DARK	900	12:41	21:51:11.1	28:51:53	600	90	2.0	#57 Velocity S	2	
0154-0158.DARK	900	13:57	21:51:11.1	28:51:53	600	90	2.0	#57 Velocity S	4	

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0001-0010.BIAS	0	1:46	21:51:11.1	28:51:53	300	90	3.0	#57 Velocity S	4	
0011.FLAT	8	1:46	21:51:11.1	28:51:53	300	90	3.0	#57 Velocity S	4	300-line, 3-sec, combo
0012-0020.FLAT	8	1:49	21:51:11.1	28:51:53	300	90	3.0	#57 Velocity S	4	
0021-0030.BIAS	0	1:52	21:51:11.1	28:51:53	300	90	3.0	#57 Velocity S	2	
0031-0050.FLAT	16	2:01	21:51:11.1	28:51:53	300	90	3.0	#57 Velocity S	2	
0051-0055.sky	3	2:36	11:25:00	32:00:00	300	90	3.0	#57 Velocity S	4	
0056.COMP	5	2:37	11:25:00	32:00:00	300	90	3.0	#57 Velocity S	4	
0057.AGK2p43928	5	3:00	09:52:29	+43:28:00	300	90	3.0	#57 Velocity S	2	
0058.AGK2p43928	5	3:01	09:52:29	+43:28:00	300	90	3.0	#57 Velocity S	2	
0059.AGK2p43928	5	3:01	09:52:29	+43:28:00	300	90	3.0	#57 Velocity S	2	
0060.COMP	10	3:02	09:52:29	+43:28:00	300	90	3.0	#57 Velocity S	2	
0061.WILSON6377	5	3:03	09:58:18	+55:50:00	300	90	3.0	#57 Velocity S	2	
0062.WILSON6377	5	3:04	09:58:18	+55:50:00	300	90	3.0	#57 Velocity S	2	
0063.WILSON6377	5	3:04	09:58:18	+55:50:00	300	90	3.0	#57 Velocity S	2	
0064.COMP	10	3:05	09:58:18	+55:50:00	300	90	3.0	#57 Velocity S	2	
0065.HD96971	5	3:06	11:11:29	+73:06:55	300	90	3.0	#57 Velocity S	2	
0066.HD96971	5	3:06	11:11:29	+73:06:55	300	90	3.0	#57 Velocity S	2	
0067.HD96971	5	3:06	11:11:29	+73:06:55	300	90	3.0	#57 Velocity S	2	
0068.COMP	10	3:07	11:11:29	+73:06:55	300	90	3.0	#57 Velocity S	2	
0069.HD103095	2	3:09	11:53:25	37:39:53	300	90	3.0	#57 Velocity S	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0070.HD103095	2	3:09	11:53:25	37:39:53	300	90	3.0	#57 Velocity S	2	
0071.HD103095	2	3:09	11:53:25	37:39:53	300	90	3.0	#57 Velocity S	2	
0072.COMP	10	3:10	11:53:25	37:39:53	300	90	3.0	#57 Velocity S	2	
0073.HD84937	10	3:12	09:48:54.8	13:45:13	300	54	3.0	#56 Spectropho	2	headers are now correct
0074.HD84937	10	3:12	09:48:54.8	13:45:13	300	54	3.0	#56 Spectropho	2	
0075.HD84937	10	3:13	09:48:54.8	13:45:13	300	54	3.0	#56 Spectropho	2	
0076.HD84937	10	3:13	09:48:54.8	13:45:13	300	54	3.0	#56 Spectropho	2	
0077.COMP	10	3:14	09:48:54.8	13:45:13	300	54	3.0	#56 Spectropho	2	
0078.Feige34	120	3:15	10:39:36.8	43:06:10	300	110	3.0	#56 Spectropho	2	
0079.Feige34	120	3:17	10:39:36.8	43:06:10	300	110	3.0	#56 Spectropho	2	
0080.Feige34	120	3:20	10:39:36.8	43:06:10	300	110	3.0	#56 Spectropho	2	
0081.COMP	10	3:22	10:39:36.8	43:06:10	300	110	3.0	#56 Spectropho	2	
0082.628	720	3:25	12:53:13.3	-04:23:09	300	0	3.0	#169 RR Lyrae	2	
0083.COMP	10	3:38	12:53:13.3	-04:23:09	300	0	3.0	#169 RR Lyrae	2	
0084.631	1500	3:39	12:55:13.8	-01:46:06	300	0	3.0	#169 RR Lyrae	2	
0085.COMP	10	4:05	12:55:13.8	-01:46:06	300	0	3.0	#169 RR Lyrae	2	
0086.625	600	4:06	12:41:39.8	-01:49:49	300	0	3.0	#169 RR Lyrae	2	
0087.COMP	10	4:16	12:41:39.8	-01:49:49	300	0	3.0	#169 RR Lyrae	2	
0088.630	1500	4:17	12:52:05.3	-02:00:07	300	8	3.0	#169 RR Lyrae	2	
0089.COMP	10	4:43	12:52:05.3	-02:00:07	300	8	3.0	#169 RR Lyrae	2	

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0090.sn2006ck	1800	4:45	13:09:40.4	-01:02:57	300	15	3.0	#2 SN Observat	2	
0091.COMP	10	5:16	13:09:40.4	-01:02:57	300	15	3.0	#2 SN Observat	2	
0092.658	1200	5:18	12:42:57.3	+00:09:21	300	32	3.0	#169 RR Lyrae	2	
0093.COMP	10	5:38	12:42:57.3	+00:09:21	300	32	3.0	#169 RR Lyrae	2	
0094.629	660	5:39	12:53:32.5	-02:08:29	300	32	3.0	#169 RR Lyrae	2	
0095.COMP	10	5:51	12:53:32.5	-02:08:29	300	32	3.0	#169 RR Lyrae	2	
0096.783	1200	5:53	17:19:10.0	+45:08:25	300	72	3.0	#169 RR Lyrae	2	
0097.COMP	10	6:14	17:19:10.0	+45:08:25	300	72	3.0	#169 RR Lyrae	2	
0098.783	1200	6:14	17:19:10.0	+45:08:25	300	72	3.0	#169 RR Lyrae	2	
0099.COMP	10	6:35	17:19:10.0	+45:08:25	300	72	3.0	#169 RR Lyrae	2	
0100.774	900	6:36	17:11:33.0	+40:43:33	300	72	3.0	#169 RR Lyrae	2	
0101.COMP	10	6:51	17:11:33.0	+40:43:33	300	72	3.0	#169 RR Lyrae	2	
0102.HD136202	1	6:53	15:19:18.8	+01:45:55	300	90	3.0	#169 RR Lyrae	2	
0103.HD136202	1	6:54	15:19:18.8	+01:45:55	300	90	3.0	#169 RR Lyrae	2	
0104.HD136202	1	6:54	15:19:18.8	+01:45:55	300	90	3.0	#169 RR Lyrae	2	
0105.COMP	10	6:54	15:19:18.8	+01:45:55	300	90	3.0	#169 RR Lyrae	2	
0106.774	900	6:56	17:11:33.0	+40:43:33	300	69	3.0	#169 RR Lyrae	2	
0107.COMP	10	7:11	17:11:33.0	+40:43:33	300	69	3.0	#169 RR Lyrae	2	
0108.782	1500	7:12	17:14:31.6	+44:03:32	300	49	3.0	#169 RR Lyrae	2	
0109.COMP	10	7:38	17:14:31.6	+44:03:32	300	49	3.0	#169 RR Lyrae	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>
0110.774	900	7:39	17:11:33.0	+40:43:33	300	43	3.0	#169 RR Lyrae	2	
0111.COMP	10	7:54	17:11:33.0	+40:43:33	300	43	3.0	#169 RR Lyrae	2	
0112.782	1500	7:55	17:14:31.6	+44:03:32	300	15	3.0	#169 RR Lyrae	2	
0113.COMP	10	8:21	17:14:31.6	+44:03:32	300	15	3.0	#169 RR Lyrae	2	
0114.775	600	8:22	17:12:33.8	+40:28:27	300	0	3.0	#169 RR Lyrae	2	
0115.COMP	10	8:32	17:12:33.8	+40:28:27	300	0	3.0	#169 RR Lyrae	2	
0116.774	900	8:33	17:11:33.0	+40:43:33	300	0	3.0	#169 RR Lyrae	2	
0117.COMP	10	8:48	17:11:33.0	+40:43:33	300	0	3.0	#169 RR Lyrae	2	
0118.HD154417	2	8:50	17:05:16.8	+00:42:09	300	0	3.0	#169 RR Lyrae	2	
0119.HD154417	2	8:50	17:05:16.8	+00:42:09	300	0	3.0	#169 RR Lyrae	2	
0120.HD154417	2	8:50	17:05:16.8	+00:42:09	300	0	3.0	#169 RR Lyrae	2	
0121.COMP	10	8:51	17:05:16.8	+00:42:09	300	0	3.0	#169 RR Lyrae	2	
0122.RSOph	2	8:52	17:50:13	-06:42:30	300	0	3.0	#12 Symbiotic	2	note this is a variable star
0123.RSOph	5	8:52	17:50:13	-06:42:30	300	0	3.0	#12 Symbiotic	2	
0124.RSOph	15	8:52	17:50:13	-06:42:30	300	0	3.0	#12 Symbiotic	2	
0125.RSOph	30	8:53	17:50:13	-06:42:30	300	0	3.0	#12 Symbiotic	2	
0126.RSOph	90	8:53	17:50:13	-06:42:30	300	0	3.0	#12 Symbiotic	2	this spectrum serves a very specific purpose
0127.COMP	10	8:55	17:50:13	-06:42:30	300	0	3.0	#12 Symbiotic	2	
0128.780	1020	8:57	17:09:29.4	+43:45:23	300	-10	3.0	#169 RR Lyrae	2	
0129.COMP	10	9:15	17:09:29.4	+43:45:23	300	-10	3.0	#169 RR Lyrae	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>
0130.782	1500	9:18	17:14:31.6	+44:03:32	300	-10	3.0	#169 RR Lyrae	2	
0131.COMP	10	9:44	17:14:31.6	+44:03:32	300	-10	3.0	#169 RR Lyrae	2	
0132.778	1800	9:45	17:05:41.1	+42:49:56	300	-10	3.0	#169 RR Lyrae	2	
0133.COMP	10	10:15	17:05:41.1	+42:49:56	300	-10	3.0	#169 RR Lyrae	2	
0134.780	900	10:17	17:09:29.4	+43:45:23	300	90	3.0	#169 RR Lyrae	2	
0135.COMP	10	10:33	17:09:29.4	+43:45:23	300	90	3.0	#169 RR Lyrae	2	
0136.773	2100	10:35	17:09:56.0	+40:14:16	300	90	3.0	#169 RR Lyrae	2	
0137.COMP	10	11:10	17:09:56.0	+40:14:16	300	90	3.0	#169 RR Lyrae	2	
0138.776	420	11:11	17:17:41.4	+41:19:41	300	90	3.0	#169 RR Lyrae	2	
0139.COMP	10	11:18	17:17:41.4	+41:19:41	300	90	3.0	#169 RR Lyrae	2	
0140.CHCyg	1	11:19	19:24:33	50:14:30	300	90	3.0	#12 Symbiotic	2	
0141.CHCyg	0	11:20	19:24:33	50:14:30	300	90	3.0	#12 Symbiotic	2	
0142.CHCyg	2	11:20	19:24:33	50:14:30	300	90	3.0	#12 Symbiotic	2	
0143.CHCyg	5	11:21	19:24:33	50:14:30	300	90	3.0	#12 Symbiotic	2	
0144.CHCyg	10	11:21	19:24:33	50:14:30	300	90	3.0	#12 Symbiotic	2	
0145.COMP	10	11:22	19:24:33	50:14:30	300	90	3.0	#12 Symbiotic	2	
0146-0155.BIAS	0	11:25	19:24:33	50:14:30	300	90	3.0	#2 SN Observat	2	
0156-0165.FLAT	16	11:30	19:24:33	50:14:30	300	90	3.0	#2 SN Observat	2	
0166-0175.DARK	900	13:55	19:24:33	50:14:30	300	90	3.0	#2 SN Observat	2	
0176.DARK	900	12:57	21:51:11.1	28:51:53	300	90	3.0	#57 Velocity S	4	darks taken from UT=05/23

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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>
0177.DARK	900	13:12	21:51:11.1	28:51:53	300	90	3.0	#57 Velocity S	4	observer forgot to take bin4 darks
0178-0180.DARK	900	13:57	21:51:11.1	28:51:53	300	90	3.0	#57 Velocity S	4	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001.DARK	900	1:58	11:03:32.5	+31:31:47	300	90	3.0	#2 SN Observat	4	
0002.DARK	900	2:14	11:18:43.3	+31:31:49	300	90	3.0	#2 SN Observat	4	
0003.DARK	900	2:29	11:33:54.0	+31:31:51	300	90	3.0	#2 SN Observat	4	
0004.DARK	900	2:44	11:49:01.7	+31:31:53	300	90	3.0	#2 SN Observat	4	
0005.DARK	900	2:59	12:04:10.3	+31:31:54	300	90	3.0	#2 SN Observat	4	
0006-0025.BIAS	0	3:19	12:08:52.3	+31:31:54	300	90	3.0	#2 SN Observat	2	
0026-0045.FLAT	16	3:31	12:21:14.1	+31:31:54	300	90	3.0	#2 SN Observat	2	
0046.COMP	12	3:32	12:22:31.9	+31:31:54	300	90	3.0	#2 SN Observat	2	test
0047.HD84937	10	3:40	09:48:54.8	13:45:13	300	28	3.0	#56 Spectropho	2	
0048.HD84937	10	3:40	09:48:54.8	13:45:13	300	28	3.0	#56 Spectropho	2	
0049.HD84937	10	3:40	09:48:54.8	13:45:13	300	28	3.0	#56 Spectropho	2	
0050.COMP	12	3:41	09:48:54.8	13:45:13	300	28	3.0	#56 Spectropho	2	
0051.Feige34	90	3:44	10:39:36.8	43:06:10	300	108	3.0	#56 Spectropho	2	
0052.Feige34	90	3:46	10:39:36.8	43:06:10	300	108	3.0	#56 Spectropho	2	
0053.COMP	12	3:48	10:39:36.8	43:06:10	300	108	3.0	#56 Spectropho	2	
0054.624	2100	3:50	12:33:49.3	-02:44:57	300	90	3.0	#169 RR Lyrae	2	
0055.COMP	12	4:26	12:33:49.3	-02:44:57	300	90	3.0	#169 RR Lyrae	2	
0056.631	1800	4:28	12:55:13.8	-01:46:06	300	90	3.0	#169 RR Lyrae	2	
0057.COMP	12	4:59	12:55:13.8	-01:46:06	300	90	3.0	#169 RR Lyrae	2	
0058.657	1200	5:01	12:23:56.2	+00:51:30	300	90	3.0	#169 RR Lyrae	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>
0059.COMP	12	5:21	12:23:56.2	+00:51:30	300	90	3.0	#169 RR Lyrae	2	
0060.sn2006ck	2100	5:25	13:09:40.4	-01:02:57	300	24	3.0	#2 SN Observat	2	
0061.COMP	12	6:00	13:09:40.4	-01:02:57	300	24	3.0	#2 SN Observat	2	
0062.774	900	6:03	17:11:33.0	+40:43:33	300	95	3.0	#169 RR Lyrae	2	
0063.COMP	12	6:19	17:11:33.0	+40:43:33	300	95	3.0	#169 RR Lyrae	2	
0064.HD154417	2	6:25	17:05:16.8	+00:42:09	300	95	3.0	#169 RR Lyrae	2	
0065.HD154417	2	6:25	17:05:16.8	+00:42:09	300	95	3.0	#169 RR Lyrae	2	
0066.HD154417	2	6:25	17:05:16.8	+00:42:09	300	95	3.0	#169 RR Lyrae	2	
0067.COMP	12	6:26	17:05:16.8	+00:42:09	300	95	3.0	#169 RR Lyrae	2	
0068.779	1500	6:28	17:07:28.7	+43:24:01	300	91	3.0	#169 RR Lyrae	2	
0069.COMP	12	6:53	17:07:28.7	+43:24:01	300	91	3.0	#169 RR Lyrae	2	
0070.777	1200	6:56	17:14:50.7	+41:51:22	300	91	3.0	#169 RR Lyrae	2	
0071.COMP	12	7:16	17:14:50.7	+41:51:22	300	91	3.0	#169 RR Lyrae	2	
0072.HD136202	1	7:20	15:19:18.7	01:45:55	300	91	3.0	#57 Velocity S	2	
0073.HD136202	1	7:20	15:19:18.7	01:45:55	300	91	3.0	#57 Velocity S	2	
0074.HD136202	1	7:20	15:19:18.7	01:45:55	300	91	3.0	#57 Velocity S	2	
0075.COMP	12	7:21	15:19:18.7	01:45:55	300	91	3.0	#57 Velocity S	2	
0076.N5866	180	7:24	15:05:07.2	+55:57:18	300	91	3.0	#57 Velocity S	2	
0077.COMP	12	7:28	15:05:07.2	+55:57:18	300	91	3.0	#57 Velocity S	2	
0078.779	1500	7:31	17:07:28.7	+43:24:01	300	91	3.0	#169 RR Lyrae	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>
0079.COMP	12	7:56	17:07:28.7	+43:24:01	300	91	3.0	#169 RR Lyrae	2	
0080.639	1200	7:59	16:33:30.4	-02:50:14	300	91	3.0	#169 RR Lyrae	2	
0081.COMP	12	8:19	16:33:30.4	-02:50:14	300	91	3.0	#169 RR Lyrae	2	
0082.HD154417	1	8:20	17:05:16.8	+00:42:09	300	91	3.0	#169 RR Lyrae	2	
0083.HD154417	1	8:20	17:05:16.8	+00:42:09	300	91	3.0	#169 RR Lyrae	2	
0084.HD154417	1	8:21	17:05:16.8	+00:42:09	300	91	3.0	#169 RR Lyrae	2	
0085.COMP	12	8:21	17:05:16.8	+00:42:09	300	91	3.0	#169 RR Lyrae	2	
0086.779	1500	8:23	17:07:28.7	+43:24:01	300	91	3.0	#169 RR Lyrae	2	
0087.COMP	12	8:50	17:07:28.7	+43:24:01	300	91	3.0	#169 RR Lyrae	2	
0088.546	900	8:53	16:30:10.7	-06:48:02	300	91	3.0	#169 RR Lyrae	2	
0089.COMP	12	9:08	16:30:10.7	-06:48:02	300	91	3.0	#169 RR Lyrae	2	
0090.774	900	9:10	17:11:33.0	+40:43:33	300	95	3.0	#169 RR Lyrae	2	
0091.COMP	12	9:26	17:11:33.0	+40:43:33	300	95	3.0	#169 RR Lyrae	2	
0092.775	720	9:27	17:12:33.8	+40:28:27	300	100	3.0	#169 RR Lyrae	2	
0093.COMP	12	9:39	17:12:33.8	+40:28:27	300	100	3.0	#169 RR Lyrae	2	
0094.773	2400	9:40	17:09:56.0	+40:14:16	300	90	3.0	#169 RR Lyrae	2	
0095.COMP	12	10:21	17:09:56.0	+40:14:16	300	90	3.0	#169 RR Lyrae	2	
0096.782	1800	10:22	17:14:31.6	+44:03:32	300	90	3.0	#169 RR Lyrae	2	
0097.COMP	12	10:53	17:14:31.6	+44:03:32	300	90	3.0	#169 RR Lyrae	2	
0098.729	1200	10:55	21:27:49.9	+13:30:39	300	90	3.0	#169 RR Lyrae	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>
0099.COMP	12	11:16	21:27:49.9	+13:30:39	300	90	3.0	#169 RR Lyrae	2	
0100.732	660	11:17	21:32:15.8	+13:13:12	300	80	3.0	#169 RR Lyrae	2	
0101.COMP	12	11:28	21:32:15.8	+13:13:12	300	80	3.0	#169 RR Lyrae	2	
0102-0121.BIAS	0	11:35	21:32:15.8	+13:13:12	300	90	3.0	#169 RR Lyrae	2	
0122-0141.FLAT	16	11:45	21:32:15.8	+13:13:12	300	90	3.0	#169 RR Lyrae	2	
0142-0151.DARK	900	14:04	21:32:15.8	+13:13:12	300	90	3.0	#169 RR Lyrae	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	0:37	09:45:58.0	+31:31:27	300	90	3.0	#169 RR Lyrae	2	
0002.DARK	900	0:52	10:01:13.3	+31:31:32	300	90	3.0	#169 RR Lyrae	2	
0003.DARK	900	1:08	10:16:28.7	+31:31:36	300	90	3.0	#169 RR Lyrae	2	
0004.DARK	900	1:23	10:31:44.2	+31:31:40	300	90	3.0	#169 RR Lyrae	2	
0005.DARK	900	1:38	10:49:33.3	-00:15:53	300	90	3.0	#169 RR Lyrae	2	
0006.DARK	900	1:53	11:04:48.7	-00:16:11	300	90	3.0	#169 RR Lyrae	2	
0007.DARK	900	2:08	11:20:04.3	-00:16:25	300	90	3.0	#169 RR Lyrae	2	
0008.DARK	900	2:24	11:35:16.2	-00:16:35	300	90	3.0	#169 RR Lyrae	2	
0009-0010.DARK	900	2:54	12:05:46.9	-00:16:41	300	90	3.0	#169 RR Lyrae	2	
0011-0030.BIAS	0	3:13	12:10:03.2	-00:16:41	300	90	3.0	#169 RR Lyrae	2	
0031-0033.FLAT	16	3:15	12:12:04.2	-00:16:41	300	90	3.0	#169 RR Lyrae	2	
0034-0041.FLAT	16	3:19	12:15:50.1	-00:16:40	300	90	3.0	#169 RR Lyrae	2	
0042-0048.FLAT	16	3:22	12:19:09.7	-00:16:39	300	90	3.0	#169 RR Lyrae	2	
0049-0050.FLAT	16	3:23	12:20:06.1	-00:16:38	300	90	3.0	#169 RR Lyrae	2	
0051.511	2100	3:26	12:46:19.5	-06:41:02	300	95	3.0	#169 RR Lyrae	2	
0052.COMP	12	4:02	12:46:19.5	-06:41:02	300	95	3.0	#169 RR Lyrae	2	
0053.512	1500	4:03	12:53:03.8	-06:19:29	300	90	3.0	#169 RR Lyrae	2	
0054.COMP	12	4:29	12:53:03.8	-06:19:29	300	90	3.0	#169 RR Lyrae	2	
0055.626	1800	4:30	12:45:03.0	-04:19:11	300	90	3.0	#169 RR Lyrae	2	
0056.COMP	12	5:01	12:45:03.0	-04:19:11	300	90	3.0	#169 RR Lyrae	2	



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0057.230	1200	5:02	13:50:57.9	-13:16:23	300	90	3.0	#169 RR Lyrae	2	
0058.COMP	12	5:23	13:50:57.9	-13:16:23	300	90	3.0	#169 RR Lyrae	2	
0059.232	2100	5:25	13:58:50.0	-12:31:55	300	90	3.0	#169 RR Lyrae	2	
0060.COMP	12	6:00	13:58:50.0	-12:31:55	300	90	3.0	#169 RR Lyrae	2	
0061.HD136202	1	6:02	15:19:18.8	+01:45:55	300	90	3.0	#169 RR Lyrae	2	
0062.HD136202	1	6:02	15:19:18.8	+01:45:55	300	90	3.0	#169 RR Lyrae	2	
0063.HD136202	1	6:02	15:19:18.8	+01:45:55	300	90	3.0	#169 RR Lyrae	2	
0064.COMP	12	6:03	15:19:18.8	+01:45:55	300	90	3.0	#169 RR Lyrae	2	
0065.427	1500	6:06	16:19:50.2	-10:45:34	300	85	3.0	#169 RR Lyrae	2	
0066.COMP	12	6:31	16:19:50.2	-10:45:34	300	85	3.0	#169 RR Lyrae	2	
0067.428	2100	6:33	16:19:49.9	-10:36:21	300	85	3.0	#169 RR Lyrae	2	
0068.COMP	12	7:08	16:19:49.9	-10:36:21	300	85	3.0	#169 RR Lyrae	2	
0069.430	900	7:10	16:20:05.0	-09:22:33	300	90	3.0	#169 RR Lyrae	2	
0070.COMP	12	7:25	16:20:05.0	-09:22:33	300	90	3.0	#169 RR Lyrae	2	
0071.sn2006bt	1800	7:29	15:56:30.5	+20:02:45	300	25	3.0	#2 SN Observat	2	
0072.COMP	12	7:59	15:56:30.5	+20:02:45	300	25	3.0	#2 SN Observat	2	
0073.BDp332642	40	8:03	15:51:59.9	32:56:54	300	95	3.0	#56 Spectropho	2	
0074.COMP	12	8:04	15:51:59.9	32:56:54	300	95	3.0	#56 Spectropho	2	
0075.635	1800	8:06	16:22:50.7	-04:17:02	300	90	3.0	#169 RR Lyrae	2	
0076.COMP	12	8:37	16:22:50.7	-04:17:02	300	90	3.0	#169 RR Lyrae	2	

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0077.HD154417	1	8:38	17:05:16.8	+00:42:09	300	90	3.0	#169 RR Lyrae	2	
0078.HD154417	1	8:38	17:05:16.8	+00:42:09	300	90	3.0	#169 RR Lyrae	2	
0079.HD154417	1	8:39	17:05:16.8	+00:42:09	300	90	3.0	#169 RR Lyrae	2	
0080.COMP	12	8:39	17:05:16.8	+00:42:09	300	90	3.0	#169 RR Lyrae	2	
0081.775	900	8:42	17:12:33.8	+40:28:27	300	105	3.0	#169 RR Lyrae	2	
0082.COMP	12	8:57	17:12:33.8	+40:28:27	300	105	3.0	#169 RR Lyrae	2	
0083.782	1800	8:59	17:14:31.6	+44:03:32	300	90	3.0	#169 RR Lyrae	2	
0084.COMP	12	9:30	17:14:31.6	+44:03:32	300	90	3.0	#169 RR Lyrae	2	
0085.777	1200	9:32	17:14:50.7	+41:51:22	300	90	3.0	#169 RR Lyrae	2	
0086.COMP	12	9:53	17:14:50.7	+41:51:22	300	90	3.0	#169 RR Lyrae	2	
0087.775	900	9:54	17:12:33.8	+40:28:27	300	97	3.0	#169 RR Lyrae	2	
0088.COMP	12	10:09	17:12:33.8	+40:28:27	300	97	3.0	#169 RR Lyrae	2	
0089.776	1200	10:11	17:17:41.4	+41:19:41	300	90	3.0	#169 RR Lyrae	2	
0090.COMP	12	10:31	17:17:41.4	+41:19:41	300	90	3.0	#169 RR Lyrae	2	
0091.582	900	10:33	20:51:35.7	-06:00:25	300	90	3.0	#169 RR Lyrae	2	
0092.COMP	12	10:49	20:51:35.7	-06:00:25	300	90	3.0	#169 RR Lyrae	2	
0093.730	900	10:50	21:32:34.0	+12:21:37	300	90	3.0	#169 RR Lyrae	2	
0094.COMP	12	11:05	21:32:34.0	+12:21:37	300	90	3.0	#169 RR Lyrae	2	
0095.N7331	150	11:06	22:34:46.9	+34:09:43	300	90	3.0	#57 Velocity S	2	
0096.COMP	12	11:09	22:34:46.9	+34:09:43	300	90	3.0	#57 Velocity S	2	

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0097.sn2006cm	480	11:12	21:20:17.4	-01:41:02	300	-26	3.0	#2 SN Observat	2	
0098.COMP	12	11:21	21:20:17.4	-01:41:02	300	-26	3.0	#2 SN Observat	2	
0099.BDp284211	60	11:25	21:51:11.1	28:51:53	300	104	3.0	#56 Spectropho	2	
0100.COMP	12	11:27	21:51:11.1	28:51:53	300	104	3.0	#56 Spectropho	2	
0101.HD171391	1	11:29	18:35:02.4	-10:58:37	300	90	3.0	#169 RR Lyrae	2	
0102.COMP	12	11:31	18:35:02.4	-10:58:37	300	90	3.0	#169 RR Lyrae	2	
0103-0122.BIAS	0	11:42	18:35:02.4	-10:58:37	300	90	3.0	#169 RR Lyrae	2	
0123-0142.FLAT	16	11:51	18:35:02.4	-10:58:37	300	90	3.0	#169 RR Lyrae	2	
0143-0152.DARK	900	14:10	18:35:02.4	-10:58:37	300	90	3.0	#169 RR Lyrae	2	

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0001-0010.DARK	900	1:59	18:35:02.4	-10:58:37	300	90	3.0	#169 RR Lyrae	4	
0011-0020.BIAS	0	2:20	18:35:02.4	-10:58:37	300	90	3.0	#169 RR Lyrae	4	
0021-0030.FLAT	8	2:24	18:35:02.4	-10:58:37	300	90	3.0	#169 RR Lyrae	4	
0031-0040.BIAS	0	2:28	18:35:02.4	-10:58:37	300	90	3.0	#169 RR Lyrae	2	
0041-0060.FLAT	16	2:39	18:35:02.4	-10:58:37	300	90	3.0	#169 RR Lyrae	2	
0061.Feige34	80	3:04	10:39:36.8	43:06:10	300	110	3.0	#56 Spectropho	2	
0062.Feige34	80	3:06	10:39:36.8	43:06:10	300	110	3.0	#56 Spectropho	2	
0063.COMP	12	3:07	10:39:36.8	43:06:10	300	110	3.0	#56 Spectropho	2	
0064.Feige34	80	3:08	10:39:36.8	43:06:10	300	110	3.0	#56 Spectropho	4	
0065.Feige34	80	3:10	10:39:36.8	43:06:10	300	110	3.0	#56 Spectropho	4	
0066.COMP	5	3:11	10:39:36.8	43:06:10	300	110	3.0	#56 Spectropho	4	
0067.HD84937	7	3:13	09:48:54.8	13:45:13	300	55	3.0	#56 Spectropho	4	
0068.HD84937	7	3:14	09:48:54.8	13:45:13	300	55	3.0	#56 Spectropho	4	
0069.HD84937	7	3:14	09:48:54.8	13:45:13	300	55	3.0	#56 Spectropho	4	
0070.COMP	5	3:14	09:48:54.8	13:45:13	300	55	3.0	#56 Spectropho	4	
0071.HD84937	7	3:15	09:48:54.8	13:45:13	300	55	3.0	#56 Spectropho	2	
0072.HD84937	7	3:15	09:48:54.8	13:45:13	300	55	3.0	#56 Spectropho	2	
0073.HD84937	7	3:16	09:48:54.8	13:45:13	300	55	3.0	#56 Spectropho	2	
0074.COMP	12	3:16	09:48:54.8	13:45:13	300	55	3.0	#56 Spectropho	2	
0075.cirsfastb085	1200	3:19	09:12:03.8	47:16:03	300	90	3.0	#64 Cluster In	2	

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0076.COMP	12	3:40	09:12:03.8	47:16:03	300	90	3.0	#64 Cluster In	2	
0077.cirrfastb086	1020	3:42	09:12:19.3	46:51:28	300	90	3.0	#64 Cluster In	2	
0078.COMP	12	3:59	09:12:19.3	46:51:28	300	90	3.0	#64 Cluster In	2	
0079.cirrfastb087	900	4:01	09:13:46.0	47:42:00	300	90	3.0	#64 Cluster In	2	
0080.COMP	12	4:17	09:13:46.0	47:42:00	300	90	3.0	#64 Cluster In	2	
0081.sn2006cj	1500	4:20	12:59:24.4	28:20:51	300	48	3.0	#2 SN Observat	2	
0082.COMP	12	4:45	12:59:24.4	28:20:51	300	48	3.0	#2 SN Observat	2	
0083.sn2006ck	1800	4:47	13:09:40.4	-01:02:57	300	14	3.0	#2 SN Observat	2	
0084.COMP	12	5:18	13:09:40.4	-01:02:57	300	14	3.0	#2 SN Observat	2	
0085.Sky	600	5:28	13:09:40.4	-01:02:57	600	90	3.0	#99 Other	4	for Emilio, 600L, 3arcsec, tilt=880
0086.COMP	12	5:38	13:09:40.4	-01:02:57	600	90	3.0	#99 Other	4	
0087-0091.FLAT	16	5:41	13:09:40.4	-01:02:57	600	90	3.0	#99 Other	4	
0092.bcand647	1680	5:50	13:25:30.5	-0:26:49	600	90	2.0	#166 Hyper Vel	4	600L, 2arcsec, tilt=440
0093.COMP	10	6:20	13:25:30.5	-0:26:49	600	90	2.0	#166 Hyper Vel	4	
0094.bcand650	1500	6:21	13:28:09.1	-0:25:50	600	90	2.0	#166 Hyper Vel	4	
0095.COMP	10	6:46	13:28:09.1	-0:25:50	600	90	2.0	#166 Hyper Vel	4	
0096.bcand651	600	6:48	13:28:45.9	1:51:13	600	90	2.0	#166 Hyper Vel	4	
0097.COMP	10	6:59	13:28:45.9	1:51:13	600	90	2.0	#166 Hyper Vel	4	
0098.bcand653	540	7:00	13:30:39.9	3:23:57	600	90	2.0	#166 Hyper Vel	4	
0099.COMP	10	7:09	13:30:39.9	3:23:57	600	90	2.0	#166 Hyper Vel	4	

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0100.bcand654	540	7:11	13:31:49.4	14:09:25	600	90	2.0	#166 Hyper Vel	4	
0101.COMP	10	7:20	13:31:49.4	14:09:25	600	90	2.0	#166 Hyper Vel	4	
0102.bcand655	600	7:21	13:31:51.9	4:13:59	600	90	2.0	#166 Hyper Vel	4	
0103.COMP	10	7:31	13:31:51.9	4:13:59	600	90	2.0	#166 Hyper Vel	4	
0104.bcand740	1380	7:33	14:57:02.5	4:43:00	600	90	2.0	#166 Hyper Vel	4	
0105.COMP	10	7:57	14:57:02.5	4:43:00	600	90	2.0	#166 Hyper Vel	4	
0106.bcand873	1080	7:59	14:05:49.7	10:58:50	600	90	2.0	#166 Hyper Vel	4	
0107.COMP	10	8:17	14:05:49.7	10:58:50	600	90	2.0	#166 Hyper Vel	4	
0108.bcand781	1080	8:19	15:01:32.3	4:35:45	600	20	2.0	#166 Hyper Vel	4	
0109.COMP	10	8:37	15:01:32.3	4:35:45	600	20	2.0	#166 Hyper Vel	4	
0110.bcand876	660	8:39	15:04:23.8	3:02:32	600	90	2.0	#166 Hyper Vel	4	
0111.COMP	10	8:50	15:04:23.8	3:02:32	600	90	2.0	#166 Hyper Vel	4	
0112.bcand877	1080	8:52	15:05:47.5	2:48:39	600	90	2.0	#166 Hyper Vel	4	
0113.COMP	10	9:10	15:05:47.5	2:48:39	600	90	2.0	#166 Hyper Vel	4	
0114.bcand790	960	9:12	15:06:28.3	4:30:13	600	90	2.0	#166 Hyper Vel	4	
0115.COMP	10	9:28	15:06:28.3	4:30:13	600	90	2.0	#166 Hyper Vel	4	
0116.bcand794	780	9:30	15:10:37.1	5:10:26	600	90	2.0	#166 Hyper Vel	4	
0117.COMP	10	9:43	15:10:37.1	5:10:26	600	90	2.0	#166 Hyper Vel	4	
0118.bcand925	1380	9:46	16:31:48.8	37:26:17	600	90	2.0	#166 Hyper Vel	4	
0119.COMP	10	10:10	16:31:48.8	37:26:17	600	90	2.0	#166 Hyper Vel	4	

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0120.BDp284211	80	10:12	21:51:11.1	28:51:53	600	90	2.0	#166 Hyper Vel	4	
0121.COMP	10	10:14	21:51:11.1	28:51:53	600	90	2.0	#166 Hyper Vel	4	
0122-0131.FLAT	24	10:20	21:51:11.1	28:51:53	600	90	2.0	#166 Hyper Vel	4	
0132.BDp284211	70	10:30	21:51:11.1	28:51:53	300	90	3.0	#166 Hyper Vel	2	
0133.COMP	12	10:32	21:51:11.1	28:51:53	300	90	3.0	#166 Hyper Vel	2	
0134.sn2006cm	1500	10:37	21:20:17.4	-01:41:02	300	-35	3.0	#2 SN Observat	2	
0135.COMP	12	11:03	21:20:17.4	-01:41:02	300	-35	3.0	#2 SN Observat	2	
0136.3C390.3	300	11:07	18:42:09.0	79:46:17	300	90	3.0	#6 AGN Monitor	2	
0137.3C390.3	300	11:12	18:42:09.0	79:46:17	300	90	3.0	#6 AGN Monitor	2	
0138.3C390.3	300	11:18	18:42:09.0	79:46:17	300	90	3.0	#6 AGN Monitor	2	
0139.COMP	12	11:24	18:42:09.0	79:46:17	300	90	3.0	#6 AGN Monitor	2	
0140-0149.BIAS	0	11:36	18:42:09.0	79:46:17	300	90	3.0	#2 SN Observat	4	
0150-0159.FLAT	8	11:43	18:42:09.0	79:46:17	300	90	3.0	#2 SN Observat	4	
0160-0169.BIAS	0	11:50	18:42:09.0	79:46:17	300	90	3.0	#2 SN Observat	2	
0170-0189.FLAT	16	12:01	18:42:09.0	79:46:17	300	90	3.0	#2 SN Observat	2	
0190-0199.DARK	900	14:22	18:42:09.0	79:46:17	300	90	3.0	#2 SN Observat	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.DARK	900	2:17	18:42:09.0	79:46:17	300	90	3.0	#2 SN Observat	4	
0011-0020.BIAS	0	2:38	18:42:09.0	79:46:17	300	90	3.0	#2 SN Observat	4	
0021-0030.FLAT	8	2:43	18:42:09.0	79:46:17	300	90	3.0	#2 SN Observat	4	
0031-0040.BIAS	0	2:45	18:42:09.0	79:46:17	300	90	3.0	#2 SN Observat	2	
0041-0060.FLAT	16	2:58	18:42:09.0	79:46:17	300	90	3.0	#2 SN Observat	2	
0061.Feige34	80	3:12	10:39:36.8	43:06:10	300	90	3.0	#56 Spectropho	4	
0062.Feige34	80	3:14	10:39:36.8	43:06:10	300	90	3.0	#56 Spectropho	4	
0063.COMP	5	3:15	10:39:36.8	43:06:10	300	90	3.0	#56 Spectropho	4	
0064.Feige34	80	3:18	10:39:36.8	43:06:10	300	44	3.0	#56 Spectropho	2	
0065.Feige34	80	3:20	10:39:36.8	43:06:10	300	44	3.0	#56 Spectropho	2	
0066.COMP	12	3:21	10:39:36.8	43:06:10	300	44	3.0	#56 Spectropho	2	
0067.HD84937	7	3:26	09:48:54.8	13:45:13	300	57	3.0	#56 Spectropho	2	
0068.HD84937	7	3:26	09:48:54.8	13:45:13	300	57	3.0	#56 Spectropho	2	
0069.HD84937	7	3:26	09:48:54.8	13:45:13	300	57	3.0	#56 Spectropho	2	
0070.COMP	12	3:27	09:48:54.8	13:45:13	300	57	3.0	#56 Spectropho	2	
0071.HD84937	7	3:28	09:48:54.8	13:45:13	300	90	3.0	#56 Spectropho	4	
0072.HD84937	7	3:28	09:48:54.8	13:45:13	300	90	3.0	#56 Spectropho	4	
0073.HD84937	7	3:29	09:48:54.8	13:45:13	300	90	3.0	#56 Spectropho	4	
0074.COMP	5	3:29	09:48:54.8	13:45:13	300	90	3.0	#56 Spectropho	4	
0075.N3227	150	3:32	10:23:30.6	+19:51:54	300	90	3.0	#6 AGN Monitor	4	



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0076.N3227	150	3:34	10:23:30.6	+19:51:54	300	90	3.0	#6 AGN Monitor	4	
0077.COMP	5	3:37	10:23:30.6	+19:51:54	300	90	3.0	#6 AGN Monitor	4	
0078.MRK421	300	3:39	11:04:27.4	+38:12:32	300	90	3.0	#6 AGN Monitor	4	
0079.MRK421	300	3:44	11:04:27.4	+38:12:32	300	90	3.0	#6 AGN Monitor	4	
0080.COMP	5	3:49	11:04:27.4	+38:12:32	300	90	3.0	#6 AGN Monitor	4	
0081.N4051	150	3:51	12:03:09.7	+44:31:53	300	90	3.0	#6 AGN Monitor	4	
0082.N4051	150	3:53	12:03:09.7	+44:31:53	300	90	3.0	#6 AGN Monitor	4	
0083.COMP	5	3:57	12:03:09.7	+44:31:53	300	90	3.0	#6 AGN Monitor	4	
0084.N4151	30	3:59	12:10:32.6	+39:24:21	300	90	3.0	#6 AGN Monitor	4	
0085.N4151	30	3:59	12:10:32.6	+39:24:21	300	90	3.0	#6 AGN Monitor	4	
0086.COMP	5	4:00	12:10:32.6	+39:24:21	300	90	3.0	#6 AGN Monitor	4	
0087.MRK279	120	4:02	13:51:53.6	69:33:13	300	90	3.0	#6 AGN Monitor	4	
0088.MRK279	120	4:04	13:51:53.6	69:33:13	300	90	3.0	#6 AGN Monitor	4	
0089.COMP	5	4:09	13:51:53.6	69:33:13	300	90	3.0	#6 AGN Monitor	4	
0090.N5548	150	4:13	14:17:59.6	+25:08:12	300	90	3.0	#6 AGN Monitor	4	
0091.N5548	150	4:15	14:17:59.6	+25:08:12	300	90	3.0	#6 AGN Monitor	4	
0092.N5548	150	4:18	14:17:59.6	+25:08:12	300	90	3.0	#6 AGN Monitor	4	
0093.COMP	5	4:21	14:17:59.6	+25:08:12	300	90	3.0	#6 AGN Monitor	4	
0094.cirfastb092	840	4:24	10:22:12.0	37:06:43	300	90	3.0	#64 Cluster In	4	
0095.COMP	5	4:42	10:22:12.0	37:06:43	300	90	3.0	#64 Cluster In	4	

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0096.cirsfastb093	300	4:44	10:22:46.8	38:03:33	300	90	3.0	#64 Cluster In	4	
0097.COMP	5	4:50	10:22:46.8	38:03:33	300	90	3.0	#64 Cluster In	4	
0098.cirsfastb094	900	4:51	10:25:21.6	37:15:17	300	90	3.0	#64 Cluster In	4	
0099.COMP	5	5:06	10:25:21.6	37:15:17	300	90	3.0	#64 Cluster In	4	
0100.cirsfastb095	480	5:07	10:25:23.3	37:26:48	300	90	3.0	#64 Cluster In	4	
0101.COMP	5	5:15	10:25:23.3	37:26:48	300	90	3.0	#64 Cluster In	4	
0102.cirsfastb096	480	5:16	10:25:47.8	37:49:58	300	90	3.0	#64 Cluster In	4	
0103.COMP	5	5:30	10:25:47.8	37:49:58	300	90	3.0	#64 Cluster In	4	
0104.sn2006cj	1800	6:03	12:59:24.4	28:20:51	300	50	3.0	#2 SN Observat	2	
0105.COMP	12	6:34	12:59:24.4	28:20:51	300	50	3.0	#2 SN Observat	2	
0106.sn2006ck	1800	6:36	13:09:40.4	-01:02:57	300	44	3.0	#2 SN Observat	2	
0107.COMP	12	7:07	13:09:40.4	-01:02:57	300	44	3.0	#2 SN Observat	2	
0108.sky	300	7:11	16:13:00	80:00:00	300	90	3.0	#99 Other	4	
0109.COMP	5	7:16	16:13:00	80:00:00	300	90	3.0	#99 Other	4	
0110.cirsfastb270	420	7:19	15:40:26.3	34:55:35	300	90	3.0	#64 Cluster In	4	
0111.COMP	5	7:26	15:40:26.3	34:55:35	300	90	3.0	#64 Cluster In	4	
0112.bcand873	1080	7:32	14:05:49.7	10:58:50	600	90	2.0	#166 Hyper Vel	4	600L, tilt=440, 2arcsec
0113.COMP	10	7:51	14:05:49.7	10:58:50	600	90	2.0	#166 Hyper Vel	4	
0114.bcand744	600	7:53	14:08:16.0	-1:01:38	600	90	2.0	#166 Hyper Vel	4	
0115.COMP	10	8:03	14:08:16.0	-1:01:38	600	90	2.0	#166 Hyper Vel	4	

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0116.bcand745	840	8:05	14:10:01.0	0:38:13	600	90	2.0	#166 Hyper Vel	4	
0117.COMP	10	8:20	14:10:01.0	0:38:13	600	90	2.0	#166 Hyper Vel	4	
0118.bcand746	900	8:22	14:11:53.9	0:02:48	600	90	2.0	#166 Hyper Vel	4	
0119.COMP	10	8:37	14:11:53.9	0:02:48	600	90	2.0	#166 Hyper Vel	4	
0120.bcand803	1020	8:39	15:18:38.9	9:06:31	600	90	2.0	#166 Hyper Vel	4	
0121.COMP	10	8:56	15:18:38.9	9:06:31	600	90	2.0	#166 Hyper Vel	4	
0122.bcand804	900	8:57	15:20:06.0	8:03:27	600	90	2.0	#166 Hyper Vel	4	
0123.COMP	10	9:13	15:20:06.0	8:03:27	600	90	2.0	#166 Hyper Vel	4	
0124.bcand881	960	9:14	15:25:32.8	9:10:41	600	90	2.0	#166 Hyper Vel	4	
0125.COMP	10	9:30	15:25:32.8	9:10:41	600	90	2.0	#166 Hyper Vel	4	
0126.bcand882	780	9:32	15:25:55.2	9:09:34	600	90	2.0	#166 Hyper Vel	4	
0127.COMP	10	9:45	15:25:55.2	9:09:34	600	90	2.0	#166 Hyper Vel	4	
0128.bcand883	1620	9:47	15:27:43.8	10:56:30	600	90	2.0	#166 Hyper Vel	4	
0129.COMP	10	10:14	15:27:43.8	10:56:30	600	90	2.0	#166 Hyper Vel	4	
0130.bcand885	780	10:16	15:32:32.7	9:38:38	600	90	2.0	#166 Hyper Vel	4	
0131.COMP	10	10:29	15:32:32.7	9:38:38	600	90	2.0	#166 Hyper Vel	4	
0132.BDp332642	70	10:31	15:51:59.9	32:56:54	600	90	2.0	#166 Hyper Vel	4	
0133.COMP	10	10:32	15:51:59.9	32:56:54	600	90	2.0	#166 Hyper Vel	4	
0134-0143.FLAT	24	10:38	15:51:59.9	32:56:54	600	90	2.0	#64 Cluster In	4	
0144.sn2006cm	1500	10:46	21:20:17.4	-01:41:02	300	-32	3.0	#2 SN Observat	2	

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0145.COMP	12	11:12	21:20:17.4	-01:41:02	300	-32	3.0	#2 SN Observat	2	
0146.MRK509	180	11:15	20:44:09.8	-10:43:24	300	90	3.0	#6 AGN Monitor	2	
0147.MRK509	180	11:19	20:44:09.8	-10:43:24	300	90	3.0	#6 AGN Monitor	2	
0148.COMP	12	11:22	20:44:09.8	-10:43:24	300	90	3.0	#6 AGN Monitor	2	
0149.BDp284211	50	11:24	21:51:11.1	28:51:53	300	90	3.0	#56 Spectropho	2	
0150.BDp284211	50	11:25	21:51:11.1	28:51:53	300	90	3.0	#56 Spectropho	2	
0151.COMP	12	11:27	21:51:11.1	28:51:53	300	90	3.0	#56 Spectropho	2	
0152-0161.BIAS	0	11:30	21:51:11.1	28:51:53	300	90	3.0	#2 SN Observat	4	
0162-0171.FLAT	6	11:32	21:51:11.1	28:51:53	300	90	3.0	#2 SN Observat	4	
0172-0181.BIAS	0	11:37	21:51:11.1	28:51:53	300	90	3.0	#2 SN Observat	2	
0182-0201.FLAT	16	11:46	21:51:11.1	28:51:53	300	90	3.0	#2 SN Observat	2	
0202-0211.DARK	900	14:18	21:51:11.1	28:51:53	300	90	3.0	#2 SN Observat	2	

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0001-0010.BIAS	0	1:34	10:39:27.3	+31:31:42	300	90	3.0	#2 SN Observat	4	
0011-0019.FLAT	8	1:37	10:42:33.3	+31:31:42	300	90	3.0	#2 SN Observat	4	
0020.FLAT	8	1:37	10:42:51.2	+31:31:43	300	90	3.0	#2 SN Observat	4	
0021-0030.BIAS	0	1:39	10:45:05.6	+31:31:43	300	90	3.0	#2 SN Observat	2	
0031-0034.FLAT	16	1:41	10:47:15.3	+31:31:43	300	90	3.0	#2 SN Observat	2	
0035-0043.FLAT	16	1:46	10:51:48.6	+31:31:44	300	90	3.0	#2 SN Observat	2	
0044-0050.FLAT	16	1:49	10:55:17.5	+31:31:45	300	90	3.0	#2 SN Observat	2	
0051.sky	3	2:39	11:44:00	32:00:00	300	90	3.0	#57 Velocity S	4	clear
0052-0055.sky	3	2:39	11:44:00	32:00:00	300	90	3.0	#57 Velocity S	4	
0056.COMP	5	2:40	11:44:00	32:00:00	300	90	3.0	#57 Velocity S	4	
0057.HD84937	10	3:10	09:48:54.8	13:45:13	300	56	3.0	#56 Spectropho	2	
0058.HD84937	10	3:11	09:48:54.8	13:45:13	300	56	3.0	#56 Spectropho	2	
0059.HD84937	10	3:11	09:48:54.8	13:45:13	300	56	3.0	#56 Spectropho	2	
0060.COMP	10	3:12	09:48:54.8	13:45:13	300	56	3.0	#56 Spectropho	2	
0061.TXCVn	10	3:13	12:44:42	36:45:48	300	90	3.0	#12 Symbiotic	2	
0062.TXCVn	30	3:14	12:44:42	36:45:48	300	90	3.0	#12 Symbiotic	2	
0063.COMP	10	3:15	12:44:42	36:45:48	300	90	3.0	#12 Symbiotic	2	
0064.Feige34	120	3:16	10:39:36.8	43:06:10	300	110	3.0	#56 Spectropho	2	
0065.Feige34	120	3:19	10:39:36.8	43:06:10	300	110	3.0	#56 Spectropho	2	
0066.COMP	10	3:21	10:39:36.8	43:06:10	300	110	3.0	#56 Spectropho	2	

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0067.N3377	150	3:23	10:45:02.6	+14:14:51	300	90	3.0	#57 Velocity S	4	
0068.COMP	5	3:26	10:45:02.6	+14:14:51	300	90	3.0	#57 Velocity S	4	
0069.cirsfastb096	480	3:27	10:25:47.8	37:49:58	300	90	3.0	#64 Cluster In	4	
0070.COMP	5	3:35	10:25:47.8	37:49:58	300	90	3.0	#64 Cluster In	4	
0071.NGC3362	1200	3:37	10:44:51.7	+06:35:48	300	46	3.0	#167 Seyfert 2	2	
0072.COMP	10	3:57	10:44:51.7	+06:35:48	300	46	3.0	#167 Seyfert 2	2	
0073.NGC3362	1200	3:58	10:44:51.7	+06:35:48	300	49	3.0	#167 Seyfert 2	2	
0074.COMP	10	4:19	10:44:51.7	+06:35:48	300	49	3.0	#167 Seyfert 2	2	
0075.NGC4388	720	4:21	12:25:46.7	+12:39:43	300	40	3.0	#167 Seyfert 2	2	
0076.COMP	10	4:34	12:25:46.7	+12:39:43	300	40	3.0	#167 Seyfert 2	2	
0077.NGC4388	720	4:34	12:25:46.7	+12:39:43	300	40	3.0	#167 Seyfert 2	2	
0078.COMP	10	4:47	12:25:46.7	+12:39:43	300	40	3.0	#167 Seyfert 2	2	
0079.NGC4941	240	4:48	13:04:13.1	-05:33:05	300	19	3.0	#167 Seyfert 2	2	
0080.COMP	10	4:52	13:04:13.1	-05:33:05	300	19	3.0	#167 Seyfert 2	2	
0081.NGC4941	240	4:53	13:04:13.1	-05:33:05	300	19	3.0	#167 Seyfert 2	2	
0082.COMP	10	4:57	13:04:13.1	-05:33:05	300	19	3.0	#167 Seyfert 2	2	
0083.NGC4941	240	4:58	13:04:13.1	-05:33:05	300	19	3.0	#167 Seyfert 2	2	
0084.COMP	10	5:02	13:04:13.1	-05:33:05	300	19	3.0	#167 Seyfert 2	2	
0085.sn2006ck	1800	5:06	13:09:40.4	-01:02:57	300	27	3.0	#2 SN Observat	2	
0086.COMP	10	5:36	13:09:40.4	-01:02:57	300	27	3.0	#2 SN Observat	2	

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0087.sn2006cp	1500	5:38	12:19:14.8	+22:25:38	300	67	3.0	#2 SN Observat	2	
0088.COMP	10	6:04	12:19:14.8	+22:25:38	300	67	3.0	#2 SN Observat	2	
0089.NGC5506	600	6:05	14:13:14.9	-03:12:26	300	26	3.0	#167 Seyfert 2	2	
0090.COMP	10	6:16	14:13:14.9	-03:12:26	300	26	3.0	#167 Seyfert 2	2	
0091.NGC5506	600	6:16	14:13:14.9	-03:12:26	300	26	3.0	#167 Seyfert 2	2	
0092.COMP	10	6:27	14:13:14.9	-03:12:26	300	26	3.0	#167 Seyfert 2	2	
0093.NGC5252	720	6:28	13:38:15.9	+04:32:33	300	45	3.0	#167 Seyfert 2	2	
0094.COMP	10	6:40	13:38:15.9	+04:32:33	300	45	3.0	#167 Seyfert 2	2	
0095.NGC5252	720	6:41	13:38:15.9	+04:32:33	300	45	3.0	#167 Seyfert 2	2	
0096.COMP	10	6:53	13:38:15.9	+04:32:33	300	45	3.0	#167 Seyfert 2	2	
0097.M51	120	6:56	13:29:55.7	+47:13:53	300	104	3.0	#167 Seyfert 2	2	
0098.M51	300	6:59	13:29:55.7	+47:13:53	300	104	3.0	#167 Seyfert 2	2	
0099.COMP	10	7:04	13:29:55.7	+47:13:53	300	104	3.0	#167 Seyfert 2	2	
0100.M51	300	7:05	13:29:55.7	+47:13:53	300	104	3.0	#167 Seyfert 2	2	
0101.COMP	10	7:10	13:29:55.7	+47:13:53	300	104	3.0	#167 Seyfert 2	2	
0102.BDp332642	90	7:11	15:51:59.9	32:56:54	300	90	3.0	#56 Spectropho	2	
0103.BDp332642	90	7:13	15:51:59.9	32:56:54	300	90	3.0	#56 Spectropho	2	
0104.COMP	10	7:15	15:51:59.9	32:56:54	300	90	3.0	#56 Spectropho	2	
0105.cirfastb239	900	7:16	13:23:11.9	58:58:18	300	90	3.0	#64 Cluster In	4	
0106.COMP	5	7:32	13:23:11.9	58:58:18	300	90	3.0	#64 Cluster In	4	

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0107.cirsfastb240	450	7:32	13:24:39.3	59:02:02	300	90	3.0	#64 Cluster In	4	
0108.COMP	5	7:40	13:24:39.3	59:02:02	300	90	3.0	#64 Cluster In	4	
0109.cirsfastb242	540	7:41	13:27:41.3	57:49:43	300	90	3.0	#64 Cluster In	4	
0110.COMP	5	7:50	13:27:41.3	57:49:43	300	90	3.0	#64 Cluster In	4	
0111.cirsfastb252	900	7:51	13:46:43.4	58:19:50	300	90	3.0	#64 Cluster In	4	
0112.COMP	5	8:07	13:46:43.4	58:19:50	300	90	3.0	#64 Cluster In	4	
0113.AGDra	2	8:08	16:01:41	66:48:10	300	90	3.0	#12 Symbiotic	4	
0114.AGDra	1	8:08	16:01:41	66:48:10	300	90	3.0	#12 Symbiotic	4	
0115.AGDra	15	8:08	16:01:41	66:48:10	300	90	3.0	#12 Symbiotic	4	
0116.AGDra	30	8:09	16:01:41	66:48:10	300	90	3.0	#12 Symbiotic	4	
0117.COMP	5	8:10	16:01:41	66:48:10	300	90	3.0	#12 Symbiotic	4	
0118.TCrB	15	8:11	15:59:30	25:55:12	300	90	3.0	#12 Symbiotic	4	
0119.TCrB	60	8:12	15:59:30	25:55:12	300	90	3.0	#12 Symbiotic	4	
0120.COMP	5	8:13	15:59:30	25:55:12	300	90	3.0	#12 Symbiotic	4	
0121.cirsfastb271	900	8:14	15:42:10.4	36:14:56	300	90	3.0	#64 Cluster In	4	
0122.COMP	5	8:30	15:42:10.4	36:14:56	300	90	3.0	#64 Cluster In	4	
0123.cirsfastb282	720	8:31	15:45:00.0	36:06:37	300	110	3.0	#64 Cluster In	2	target gal at row 79
0124.COMP	10	8:43	15:45:00.0	36:06:37	300	110	3.0	#64 Cluster In	2	
0125.NGC6552	720	8:46	18:00:07.3	+66:36:54	300	0	3.0	#167 Seyfert 2	2	
0126.COMP	10	8:59	18:00:07.3	+66:36:54	300	0	3.0	#167 Seyfert 2	2	



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0127.NGC6552	720	8:59	18:00:07.3	+66:36:54	300	0	3.0	#167 Seyfert 2	2	
0128.COMP	10	9:12	18:00:07.3	+66:36:54	300	0	3.0	#167 Seyfert 2	2	
0129.RSOph	2	9:14	17:50:13	-06:42:30	300	0	3.0	#12 Symbiotic	2	
0130.RSOph	5	9:14	17:50:13	-06:42:30	300	0	3.0	#12 Symbiotic	2	
0131.RSOph	15	9:15	17:50:13	-06:42:30	300	0	3.0	#12 Symbiotic	2	
0132.RSOph	45	9:16	17:50:13	-06:42:30	300	0	3.0	#12 Symbiotic	2	
0133.RSOph	90	9:17	17:50:13	-06:42:30	300	0	3.0	#12 Symbiotic	2	
0134.COMP	10	9:19	17:50:13	-06:42:30	300	0	3.0	#12 Symbiotic	2	
0135.2M18384810-2040530	900	9:20	18:38:48.1	-20:40:53	300	0	3.0	#141 Mapping t	2	ok, ignore interstellar Na
0136.COMP	10	9:35	18:38:48.1	-20:40:53	300	0	3.0	#141 Mapping t	2	
0137.IPHAS_B526	1200	9:41	18:40:47.6	-1:57:17	300	90	3.0	#157 IPHAS	2	
0138.COMP	10	10:03	18:40:47.6	-1:57:17	300	90	3.0	#157 IPHAS	2	
0139.IPHAS_B527	720	10:03	18:40:22.4	-2:33:29	300	90	3.0	#157 IPHAS	2	
0140.COMP	10	10:16	18:40:22.4	-2:33:29	300	90	3.0	#157 IPHAS	2	
0141.IPHAS_B529	1020	10:17	18:41:23.3	-2:11:47	300	90	3.0	#157 IPHAS	2	
0142.COMP	10	10:35	18:41:23.3	-2:11:47	300	90	3.0	#157 IPHAS	2	
0143.IPHAS_B530	1020	10:36	18:41:39.2	-2:15:30	300	90	3.0	#157 IPHAS	2	
0144.COMP	10	10:53	18:41:39.2	-2:15:30	300	90	3.0	#157 IPHAS	2	
0145.IPHAS_B531	1020	10:54	18:41:49.7	-2:16:48	300	90	3.0	#157 IPHAS	2	
0146.COMP	10	11:11	18:41:49.7	-2:16:48	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>
0147.CHCyg	1	11:13	19:24:33	50:14:30	300	90	3.0	#12 Symbiotic	2	
0148.CHCyg	0	11:14	19:24:33	50:14:30	300	90	3.0	#12 Symbiotic	2	
0149.CHCyg	5	11:15	19:24:33	50:14:30	300	90	3.0	#12 Symbiotic	2	
0150.CHCyg	5	11:15	19:24:33	50:14:30	300	90	3.0	#12 Symbiotic	2	
0151.COMP	10	11:16	19:24:33	50:14:30	300	90	3.0	#12 Symbiotic	2	
0152.HD192281	5	11:17	20:12:33.1	40:16:05	300	90	3.0	#56 Spectropho	2	
0153.HD192281	5	11:17	20:12:33.1	40:16:05	300	90	3.0	#56 Spectropho	2	
0154.HD192281	5	11:18	20:12:33.1	40:16:05	300	90	3.0	#56 Spectropho	2	
0155.COMP	10	11:18	20:12:33.1	40:16:05	300	90	3.0	#56 Spectropho	2	
0156.BDp404032	60	11:19	20:08:24.1	41:15:04	300	90	3.0	#56 Spectropho	2	
0157.BDp404032	60	11:20	20:08:24.1	41:15:04	300	90	3.0	#56 Spectropho	2	
0158.COMP	10	11:22	20:08:24.1	41:15:04	300	90	3.0	#56 Spectropho	2	
0159.BDp284211	60	11:23	21:51:11.1	28:51:53	300	90	3.0	#56 Spectropho	2	
0160.BDp284211	60	11:24	21:51:11.1	28:51:53	300	90	3.0	#56 Spectropho	2	
0161.COMP	10	11:26	21:51:11.1	28:51:53	300	90	3.0	#56 Spectropho	2	
0162-0171.BIAS	0	11:29	21:51:11.1	28:51:53	300	90	3.0	#167 Seyfert 2	4	
0172-0181.FLAT	8	11:32	21:51:11.1	28:51:53	300	90	3.0	#167 Seyfert 2	4	
0182-0191.BIAS	0	11:34	21:51:11.1	28:51:53	300	90	3.0	#167 Seyfert 2	2	
0192-0201.FLAT	16	11:39	21:51:11.1	28:51:53	300	90	3.0	#167 Seyfert 2	2	
0202-0206.DARK	900	12:48	21:51:11.1	28:51:53	300	90	3.0	#167 Seyfert 2	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>
0207-0211.DARK	900	14:04	21:51:11.1	28:51:53	300	90	3.0	#167 Seyfert 2	4	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001-0010.BIAS	0	23:05	21:51:11.1	28:51:53	300	90	3.0	#167 Seyfert 2	4	
0011-0020.FLAT	8	23:08	21:51:11.1	28:51:53	300	90	3.0	#167 Seyfert 2	4	
0021-0030.BIAS	0	23:10	21:51:11.1	28:51:53	300	90	3.0	#167 Seyfert 2	2	
0031-0040.FLAT	16	23:15	21:51:11.1	28:51:53	300	90	3.0	#167 Seyfert 2	2	
0041.test	10	0:11	21:51:11.1	28:51:53	600	90	2.0	#87 IRAC/2MASS	2	
0042.test	9	0:12	21:51:11.1	28:51:53	600	90	2.0	#87 IRAC/2MASS	2	
0043.test	8	0:13	21:51:11.1	28:51:53	600	90	2.0	#87 IRAC/2MASS	2	
0044.test	7	0:13	21:51:11.1	28:51:53	600	90	2.0	#87 IRAC/2MASS	2	
0045.test	6	0:14	21:51:11.1	28:51:53	600	90	2.0	#87 IRAC/2MASS	2	
0046.FLAT	40	0:18	21:51:11.1	28:51:53	600	90	2.0	#87 IRAC/2MASS	2	600-line, 2-sec, Barmby
0047-0060.FLAT	40	0:30	21:51:11.1	28:51:53	600	90	2.0	#87 IRAC/2MASS	2	
0061.HD82635	1	2:56	09:34:13	36:23:52	600	90	2.0	#87 IRAC/2MASS	2	tilt 583
0062.HD82635	1	2:56	09:34:13	36:23:52	600	90	2.0	#87 IRAC/2MASS	2	
0063.COMP	10	2:57	09:34:13	36:23:52	600	90	2.0	#87 IRAC/2MASS	2	
0064.HD87696	1	2:57	10:07:25	35:14:40	600	90	2.0	#87 IRAC/2MASS	2	hey this is program 87 through file 133
0065.HD87696	1	2:58	10:07:25	35:14:40	600	90	2.0	#87 IRAC/2MASS	2	headers are all fixed
0066.COMP	10	2:58	10:07:25	35:14:40	600	90	2.0	#87 IRAC/2MASS	2	
0067.HD86663	1	2:59	10:00:12	08:02:40	600	90	2.0	#87 IRAC/2MASS	2	
0068.HD86663	1	2:59	10:00:12	08:02:40	600	90	2.0	#87 IRAC/2MASS	2	
0069.COMP	10	3:00	10:00:12	08:02:40	600	90	2.0	#87 IRAC/2MASS	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.HD98118	1	3:01	11:17:16	02:00:44	600	90	2.0	#87 IRAC/2MASS	2	
0071.HD98118	1	3:01	11:17:16	02:00:44	600	90	2.0	#87 IRAC/2MASS	2	
0072.COMP	10	3:01	11:17:16	02:00:44	600	90	2.0	#87 IRAC/2MASS	2	
0073.HD101501	1	3:03	11:41:02	34:12:24	600	90	2.0	#87 IRAC/2MASS	2	
0074.HD101501	1	3:03	11:41:02	34:12:24	600	90	2.0	#87 IRAC/2MASS	2	
0075.COMP	10	3:03	11:41:02	34:12:24	600	90	2.0	#87 IRAC/2MASS	2	
0076.HD92523	1	3:05	10:43:03	69:04:34	600	90	2.0	#87 IRAC/2MASS	2	
0077.HD92523	1	3:06	10:43:03	69:04:34	600	90	2.0	#87 IRAC/2MASS	2	
0078.COMP	10	3:06	10:43:03	69:04:34	600	90	2.0	#87 IRAC/2MASS	2	
0079.HD113139	1	3:07	13:00:43	56:21:59	600	90	2.0	#87 IRAC/2MASS	2	
0080.HD113139	1	3:08	13:00:43	56:21:59	600	90	2.0	#87 IRAC/2MASS	2	
0081.COMP	10	3:08	13:00:43	56:21:59	600	90	2.0	#87 IRAC/2MASS	2	
0082.HD115604	1	3:09	13:17:33	40:34:21	600	90	2.0	#87 IRAC/2MASS	2	
0083.HD115604	1	3:09	13:17:33	40:34:21	600	90	2.0	#87 IRAC/2MASS	2	
0084.COMP	10	3:09	13:17:33	40:34:21	600	90	2.0	#87 IRAC/2MASS	2	
0085.HD113996	1	3:10	13:07:10	27:37:32	600	90	2.0	#87 IRAC/2MASS	2	
0086.HD113996	1	3:11	13:07:10	27:37:32	600	90	2.0	#87 IRAC/2MASS	2	
0087.COMP	10	3:11	13:07:10	27:37:32	600	90	2.0	#87 IRAC/2MASS	2	
0088.HD89055	5	3:13	10:16:56	25:51:54	600	90	2.0	#87 IRAC/2MASS	2	
0089.HD89055	5	3:13	10:16:56	25:51:54	600	90	2.0	#87 IRAC/2MASS	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.COMP	10	3:14	10:16:56	25:51:54	600	90	2.0	#87 IRAC/2MASS	2	
0091.HD97211	5	3:14	11:11:42	26:49:56	600	90	2.0	#87 IRAC/2MASS	2	
0092.HD97211	5	3:15	11:11:42	26:49:56	600	90	2.0	#87 IRAC/2MASS	2	
0093.COMP	10	3:15	11:11:42	26:49:56	600	90	2.0	#87 IRAC/2MASS	2	
0094.HD110463	5	3:16	12:41:43	55:43:29	600	90	2.0	#87 IRAC/2MASS	2	
0095.HD110463	5	3:16	12:41:43	55:43:29	600	90	2.0	#87 IRAC/2MASS	2	
0096.COMP	10	3:17	12:41:43	55:43:29	600	90	2.0	#87 IRAC/2MASS	2	
0097.HD88630	5	3:18	10:14:13	45:05:14	600	90	2.0	#87 IRAC/2MASS	2	
0098.HD88630	5	3:18	10:14:13	45:05:14	600	90	2.0	#87 IRAC/2MASS	2	
0099.COMP	10	3:19	10:14:13	45:05:14	600	90	2.0	#87 IRAC/2MASS	2	
0100.HD84937	10	3:21	09:48:54.8	13:45:13	600	58	2.0	#87 IRAC/2MASS	2	
0101.HD84937	10	3:21	09:48:54.8	13:45:13	600	58	2.0	#87 IRAC/2MASS	2	
0102.HD84937	10	3:22	09:48:54.8	13:45:13	600	58	2.0	#87 IRAC/2MASS	2	
0103.COMP	10	3:22	09:48:54.8	13:45:13	600	58	2.0	#87 IRAC/2MASS	2	
0104.Feige34	120	3:24	10:39:36.8	43:06:10	600	108	2.0	#87 IRAC/2MASS	2	
0105.Feige34	120	3:26	10:39:36.8	43:06:10	600	108	2.0	#87 IRAC/2MASS	2	
0106.COMP	10	3:28	10:39:36.8	43:06:10	600	108	2.0	#87 IRAC/2MASS	2	
0107.cfbs01	240	3:29	9:43:40.8	59:07:53	600	108	2.0	#87 IRAC/2MASS	2	
0108.COMP	10	3:34	9:43:40.8	59:07:53	600	108	2.0	#87 IRAC/2MASS	2	
0109.cfbs02	150	3:34	9:43:15.4	59:13:41	600	108	2.0	#87 IRAC/2MASS	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>
0110.COMP	10	3:37	9:43:15.4	59:13:41	600	108	2.0	#87 IRAC/2MASS	2	
0111.cfbs04	60	3:38	9:43:43.5	59:19:54	600	108	2.0	#87 IRAC/2MASS	2	this continues to be program 87
0112.COMP	10	3:39	9:43:43.5	59:19:54	600	108	2.0	#87 IRAC/2MASS	2	
0113.cfbs05	360	3:40	9:43:50.7	58:56:13	600	108	2.0	#87 IRAC/2MASS	2	
0114.COMP	10	3:46	9:43:50.7	58:56:13	600	108	2.0	#87 IRAC/2MASS	2	
0115.cfbs06	360	3:47	9:42:27.8	59:01:53	600	108	2.0	#87 IRAC/2MASS	2	
0116.COMP	10	3:53	9:42:27.8	59:01:53	600	108	2.0	#87 IRAC/2MASS	2	
0117.cfbs07	360	3:54	9:43:12.8	59:27:10	600	108	2.0	#87 IRAC/2MASS	2	
0118.COMP	10	4:00	9:43:12.8	59:27:10	600	108	2.0	#87 IRAC/2MASS	2	
0119.cfbs08	60	4:01	9:43:12.5	58:55:51	600	108	2.0	#87 IRAC/2MASS	2	
0120.COMP	10	4:03	9:43:12.5	58:55:51	600	108	2.0	#87 IRAC/2MASS	2	
0121.cfbs09	420	4:03	9:42:58.4	59:03:42	600	103	2.0	#87 IRAC/2MASS	2	
0122.COMP	10	4:11	9:42:58.4	59:03:42	600	103	2.0	#87 IRAC/2MASS	2	
0123.cfbs10	450	4:11	9:42:45.8	59:25:00	600	103	2.0	#87 IRAC/2MASS	2	
0124.COMP	10	4:19	9:42:45.8	59:25:00	600	103	2.0	#87 IRAC/2MASS	2	
0125.cfbs11	480	4:20	9:42:56.5	59:10:58	600	103	2.0	#87 IRAC/2MASS	2	
0126.COMP	10	4:28	9:42:56.5	59:10:58	600	103	2.0	#87 IRAC/2MASS	2	
0127.cfbs12	600	4:29	9:42:20.8	58:45:20	600	95	2.0	#87 IRAC/2MASS	2	
0128.COMP	10	4:40	9:42:20.8	58:45:20	600	95	2.0	#87 IRAC/2MASS	2	
0129.cfbs19	360	4:40	9:42:15.2	58:51:30	600	95	2.0	#87 IRAC/2MASS	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>
0130.COMP	10	4:47	9:42:15.2	58:51:30	600	95	2.0	#87 IRAC/2MASS	2	
0131.HD237903	1	4:48	10:30:26	55:59:58	600	90	2.0	#87 IRAC/2MASS	2	
0132.HD237903	1	4:48	10:30:26	55:59:58	600	90	2.0	#87 IRAC/2MASS	2	
0133.COMP	10	4:49	10:30:26	55:59:58	600	90	2.0	#87 IRAC/2MASS	2	
0134.test	5	4:55	14:20:00	32:00:00	300	90	3.0	#57 Velocity S	4	
0135.test	5	4:56	14:20:00	32:00:00	300	90	3.0	#57 Velocity S	4	
0136.RWHya	2	4:59	13:34:18	-25:22:51	300	10	3.0	#12 Symbiotic	4	300-line, 3-sec, combo
0137.RWHya	10	5:00	13:34:18	-25:22:51	300	10	3.0	#12 Symbiotic	4	
0138.RWHya	20	5:00	13:34:18	-25:22:51	300	10	3.0	#12 Symbiotic	4	
0139.COMP	5	5:01	13:34:18	-25:22:51	300	10	3.0	#12 Symbiotic	4	
0140.sn2006ck	1800	5:06	13:09:40.4	-01:02:57	300	28	3.0	#2 SN Observat	2	
0141.COMP	10	5:36	13:09:40.4	-01:02:57	300	28	3.0	#2 SN Observat	2	
0142.sn2006cp	1500	5:41	12:19:14.8	+22:25:38	300	66	3.0	#2 SN Observat	2	
0143.COMP	10	6:06	12:19:14.8	+22:25:38	300	66	3.0	#2 SN Observat	2	
0144.sn2006cq	1500	6:09	13:24:25.1	+30:57:22	300	80	3.0	#2 SN Observat	2	
0145.COMP	10	6:34	13:24:25.1	+30:57:22	300	80	3.0	#2 SN Observat	2	
0146.BDp262606	60	6:36	14:49:02.4	25:42:09	300	62	3.0	#56 Spectropho	2	
0147.BDp262606	45	6:38	14:49:02.4	25:42:09	300	62	3.0	#56 Spectropho	2	
0148.BDp262606	45	6:39	14:49:02.4	25:42:09	300	62	3.0	#56 Spectropho	2	
0149.COMP	10	6:40	14:49:02.4	25:42:09	300	62	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>
0150.BDp332642	90	6:41	15:51:59.9	32:56:54	300	90	3.0	#56 Spectropho	2	
0151.BDp332642	90	6:43	15:51:59.9	32:56:54	300	90	3.0	#56 Spectropho	2	
0152.COMP	10	6:45	15:51:59.9	32:56:54	300	90	3.0	#56 Spectropho	2	
0153.DracoC1	1200	6:47	17:19:58	57:50:06	300	90	3.0	#12 Symbiotic	2	
0154.COMP	10	7:08	17:19:58	57:50:06	300	90	3.0	#12 Symbiotic	2	
0155.N5866	180	7:09	15:05:07.2	+55:57:18	300	90	3.0	#57 Velocity S	4	
0156.COMP	5	7:12	15:05:07.2	+55:57:18	300	90	3.0	#57 Velocity S	4	
0157-0166.FLAT	8	7:15	16:40:00	32:00:00	300	90	3.0	#2 SN Observat	4	
0167-0176.FLAT	16	7:20	16:40:00	32:00:00	300	90	3.0	#2 SN Observat	2	
0177.test	10	7:23	16:40:00	32:00:00	600	90	2.0	#2 SN Observat	4	
0178.BDp332642	90	7:25	15:51:59.9	32:56:54	600	90	2.0	#166 Hyper Vel	4	600-line, 2-sec, Warren
0179.BDp332642	90	7:27	15:51:59.9	32:56:54	600	90	2.0	#166 Hyper Vel	4	
0180.COMP	10	7:28	15:51:59.9	32:56:54	600	90	2.0	#166 Hyper Vel	4	
0181.bcand684	540	7:30	13:23:03.8	31:52:38	600	90	2.0	#166 Hyper Vel	4	
0182.COMP	10	7:39	13:23:03.8	31:52:38	600	90	2.0	#166 Hyper Vel	4	
0183.bcand686	1080	7:40	13:30:13.0	34:02:55	600	90	2.0	#166 Hyper Vel	4	
0184.COMP	10	7:58	13:30:13.0	34:02:55	600	90	2.0	#166 Hyper Vel	4	
0185.bcand687	720	7:58	13:36:25.5	31:47:13	600	90	2.0	#166 Hyper Vel	4	
0186.COMP	10	8:11	13:36:25.5	31:47:13	600	90	2.0	#166 Hyper Vel	4	
0187.bcand688	540	8:11	13:39:05.8	31:36:30	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>
0188.COMP	10	8:21	13:39:05.8	31:36:30	600	90	2.0	#166 Hyper Vel	4	
0189.bcand768	660	8:22	14:41:07.2	2:09:14	600	90	2.0	#166 Hyper Vel	4	
0190.COMP	10	8:33	14:41:07.2	2:09:14	600	90	2.0	#166 Hyper Vel	4	
0191.bcand750	800	8:34	14:16:22.3	10:52:17	600	90	2.0	#166 Hyper Vel	4	
0192.COMP	10	8:48	14:16:22.3	10:52:17	600	90	2.0	#166 Hyper Vel	4	
0193.bcand815	1440	8:50	15:34:37.3	24:27:39	600	90	2.0	#166 Hyper Vel	4	
0194.COMP	10	9:14	15:34:37.3	24:27:39	600	90	2.0	#166 Hyper Vel	4	
0195.bcand893	1680	9:15	15:49:29.8	19:30:09	600	90	2.0	#166 Hyper Vel	4	
0196.COMP	10	9:43	15:49:29.8	19:30:09	600	90	2.0	#166 Hyper Vel	4	
0197.bcand894	840	9:44	15:49:55.8	17:56:00	600	90	2.0	#166 Hyper Vel	4	
0198.COMP	10	9:58	15:49:55.8	17:56:00	600	90	2.0	#166 Hyper Vel	4	
0199.bcand829	1080	9:59	15:49:47.0	33:59:23	600	90	2.0	#166 Hyper Vel	4	
0200.COMP	10	10:17	15:49:47.0	33:59:23	600	90	2.0	#166 Hyper Vel	4	
0201.bcand837	1560	10:19	17:22:26.5	59:41:55	600	90	2.0	#166 Hyper Vel	4	
0202.COMP	10	10:45	17:22:26.5	59:41:55	600	90	2.0	#166 Hyper Vel	4	
0203.bcand941	780	10:48	17:14:06.5	62:38:47	600	90	2.0	#166 Hyper Vel	4	high pm wd
0204.bcand941S	240	11:01	17:14:06.5	62:38:47	600	90	2.0	#166 Hyper Vel	4	southern star late
0205.COMP	10	11:06	17:14:06.5	62:38:47	600	90	2.0	#166 Hyper Vel	4	
0206.bcand931	840	11:07	16:43:17.3	36:23:46	600	90	2.0	#166 Hyper Vel	4	
0207.COMP	10	11:21	16:43:17.3	36:23:46	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>
0208-0217.FLAT	24	11:27	16:43:17.3	36:23:46	600	90	2.0	#166 Hyper Vel	4	
0218-0227.BIAS	0	11:29	16:43:17.3	36:23:46	600	90	2.0	#166 Hyper Vel	4	
0228-0237.BIAS	0	11:31	16:43:17.3	36:23:46	600	90	2.0	#166 Hyper Vel	2	
0238-0242.DARK	900	12:40	16:43:17.3	36:23:46	600	90	2.0	#166 Hyper Vel	2	
0243-0247.DARK	900	13:56	16:43:17.3	36:23:46	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
0001-0010.BIAS	0	1:46	16:43:17.3	36:23:46	600	90	2.0	#87 IRAC/2MASS	4	
0011-0020.BIAS	0	1:49	16:43:17.3	36:23:46	600	90	2.0	#87 IRAC/2MASS	2	
0021.FLAT	40	1:51	16:43:17.3	36:23:46	600	90	2.0	#87 IRAC/2MASS	2	600-line, 2-sec, Barmby
0022-0035.FLAT	40	2:03	16:43:17.3	36:23:46	600	90	2.0	#87 IRAC/2MASS	2	
0036.HD102928	1	3:03	11:51:01	-05:19:59	600	90	2.0	#87 IRAC/2MASS	2	tilt 583
0037.HD102928	1	3:03	11:51:01	-05:19:59	600	90	2.0	#87 IRAC/2MASS	2	
0038.COMP	10	3:03	11:51:01	-05:19:59	600	90	2.0	#87 IRAC/2MASS	2	
0039.HD91612	1	3:04	10:34:47	06:57:10	600	90	2.0	#87 IRAC/2MASS	2	
0040.HD91612	1	3:05	10:34:47	06:57:10	600	90	2.0	#87 IRAC/2MASS	2	
0041.COMP	10	3:05	10:34:47	06:57:10	600	90	2.0	#87 IRAC/2MASS	2	
0042.HD88639	1	3:06	10:13:49	27:08:08	600	90	2.0	#87 IRAC/2MASS	2	
0043.HD88639	1	3:06	10:13:49	27:08:08	600	90	2.0	#87 IRAC/2MASS	2	
0044.COMP	10	3:07	10:13:49	27:08:08	600	90	2.0	#87 IRAC/2MASS	2	
0045.HD88230	1	3:08	10:11:29	49:27:40	600	90	2.0	#87 IRAC/2MASS	2	
0046.HD88230	1	3:08	10:11:29	49:27:40	600	90	2.0	#87 IRAC/2MASS	2	
0047.COMP	10	3:09	10:11:29	49:27:40	600	90	2.0	#87 IRAC/2MASS	2	lines drifting around again
0048.HD95128	1	3:10	10:59:29	40:25:46	600	90	2.0	#87 IRAC/2MASS	2	
0049.HD95128	1	3:11	10:59:29	40:25:46	600	90	2.0	#87 IRAC/2MASS	2	
0050.COMP	10	3:11	10:59:29	40:25:46	600	90	2.0	#87 IRAC/2MASS	2	
0051.HD98262	0	3:13	11:18:28	33:05:38	600	90	2.0	#87 IRAC/2MASS	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0052.HD98262	0	3:13	11:18:28	33:05:38	600	90	2.0	#87 IRAC/2MASS	2	
0053.COMP	10	3:13	11:18:28	33:05:38	600	90	2.0	#87 IRAC/2MASS	2	
0054.test	10	3:15	12:45:00	32:00:00	600	58	2.0	#87 IRAC/2MASS	2	everything is tight
0055.test	10	3:15	12:45:00	32:00:00	600	58	2.0	#87 IRAC/2MASS	2	
0056.HD84937	10	3:17	09:48:54.8	13:45:13	600	58	2.0	#87 IRAC/2MASS	2	
0057.HD84937	10	3:18	09:48:54.8	13:45:13	600	58	2.0	#87 IRAC/2MASS	2	
0058.HD84937	10	3:18	09:48:54.8	13:45:13	600	58	2.0	#87 IRAC/2MASS	2	
0059.COMP	10	3:19	09:48:54.8	13:45:13	600	58	2.0	#87 IRAC/2MASS	2	
0060.Feige34	120	3:20	10:39:36.8	43:06:10	600	108	2.0	#87 IRAC/2MASS	2	
0061.Feige34	120	3:23	10:39:36.8	43:06:10	600	108	2.0	#87 IRAC/2MASS	2	
0062.COMP	10	3:25	10:39:36.8	43:06:10	600	108	2.0	#87 IRAC/2MASS	2	
0063.cfbs04	60	3:26	9:43:43.5	59:19:54	600	108	2.0	#87 IRAC/2MASS	2	
0064.COMP	10	3:28	9:43:43.5	59:19:54	600	108	2.0	#87 IRAC/2MASS	2	
0065.cfbs08	60	3:28	9:43:12.5	58:55:51	600	108	2.0	#87 IRAC/2MASS	2	
0066.COMP	10	3:30	9:43:12.5	58:55:51	600	108	2.0	#87 IRAC/2MASS	2	
0067.cfbs13	600	3:30	9:43:29.4	59:15:01	600	108	2.0	#87 IRAC/2MASS	2	
0068.COMP	10	3:41	9:43:29.4	59:15:01	600	108	2.0	#87 IRAC/2MASS	2	
0069.cfbs14	660	3:41	9:43:07.1	59:10:54	600	108	2.0	#87 IRAC/2MASS	2	
0070.COMP	10	3:53	9:43:07.1	59:10:54	600	108	2.0	#87 IRAC/2MASS	2	
0071.cfbs15	660	3:54	9:43:44.4	58:47:47	600	108	2.0	#87 IRAC/2MASS	2	

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0072.COMP	10	4:05	9:43:44.4	58:47:47	600	108	2.0	#87 IRAC/2MASS	2	
0073.cfbs16	720	4:06	9:43:38.2	58:56:17	600	101	2.0	#87 IRAC/2MASS	2	
0074.COMP	10	4:18	9:43:38.2	58:56:17	600	101	2.0	#87 IRAC/2MASS	2	
0075.cfbs17	720	4:19	9:42:16.3	59:15:11	600	101	2.0	#87 IRAC/2MASS	2	
0076.COMP	10	4:31	9:42:16.3	59:15:11	600	101	2.0	#87 IRAC/2MASS	2	
0077-0081.FLAT	40	4:36	9:42:16.3	59:15:11	600	101	2.0	#87 IRAC/2MASS	2	
0082.test	5	4:39	14:10:00	32:00:00	300	101	3.0	#87 IRAC/2MASS	4	
0083.test	5	4:41	14:10:00	32:00:00	300	101	3.0	#87 IRAC/2MASS	4	
0084.test	5	4:42	14:10:00	32:00:00	300	101	3.0	#87 IRAC/2MASS	4	
0085.UGC6100	900	4:47	11:01:34.0	+45:39:14	300	93	3.0	#167 Seyfert 2	2	300-line, 3-sec, combo
0086.COMP	10	5:03	11:01:34.0	+45:39:14	300	93	3.0	#167 Seyfert 2	2	
0087.UGC6100	900	5:03	11:01:34.0	+45:39:14	300	93	3.0	#167 Seyfert 2	2	
0088.COMP	10	5:19	11:01:34.0	+45:39:14	300	93	3.0	#167 Seyfert 2	2	
0089.sn2006ck	1800	5:25	13:09:40.4	-01:02:57	300	35	3.0	#2 SN Observat	2	
0090.COMP	10	5:55	13:09:40.4	-01:02:57	300	35	3.0	#2 SN Observat	2	
0091.sn2006cp	1500	5:57	12:19:14.8	+22:25:38	300	67	3.0	#2 SN Observat	2	
0092.COMP	10	6:23	12:19:14.8	+22:25:38	300	67	3.0	#2 SN Observat	2	
0093.sn2006cj	1800	6:25	12:59:24.4	28:20:51	300	74	3.0	#2 SN Observat	2	
0094.COMP	10	6:55	12:59:24.4	28:20:51	300	74	3.0	#2 SN Observat	2	
0095.sn2006cr	1200	7:02	13:07:12.5	+58:08:06	300	105	3.0	#2 SN Observat	2	faint sn at row 77

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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.COMP	10	7:22	13:07:12.5	+58:08:06	300	105	3.0	#2 SN Observat	2	
0097.BDp262606	45	7:24	14:49:02.4	25:42:09	300	70	3.0	#56 Spectropho	2	
0098.BDp262606	45	7:25	14:49:02.4	25:42:09	300	70	3.0	#56 Spectropho	2	
0099.COMP	10	7:26	14:49:02.4	25:42:09	300	70	3.0	#56 Spectropho	2	
0100.BDp332642	90	7:27	15:51:59.9	32:56:54	300	94	3.0	#56 Spectropho	2	
0101.BDp332642	90	7:29	15:51:59.9	32:56:54	300	94	3.0	#56 Spectropho	2	
0102.COMP	10	7:31	15:51:59.9	32:56:54	300	94	3.0	#56 Spectropho	2	
0103.N5846	150	7:33	15:03:56.9	+01:47:53	300	90	3.0	#57 Velocity S	2	
0104.COMP	10	7:36	15:03:56.9	+01:47:53	300	90	3.0	#57 Velocity S	2	
0105.N5548	240	7:37	14:17:59.6	+25:08:12	300	90	3.0	#6 AGN Monitor	2	
0106.N5548	240	7:41	14:17:59.6	+25:08:12	300	90	3.0	#6 AGN Monitor	2	
0107.COMP	10	7:45	14:17:59.6	+25:08:12	300	90	3.0	#6 AGN Monitor	2	
0108.e1390-DV	1500	7:46	14:50:13.3	29:46:15	300	90	3.0	#113 Interacti	2	
0109.COMP	10	8:12	14:50:13.3	29:46:15	300	90	3.0	#113 Interacti	2	
0110.e1390-DW	1200	8:12	14:50:13.4	29:45:37	300	90	3.0	#113 Interacti	2	
0111.COMP	10	8:32	14:50:13.4	29:45:37	300	90	3.0	#113 Interacti	2	
0112.e1390-EC	1500	8:33	14:50:41.4	29:47:04	300	90	3.0	#113 Interacti	2	
0113.COMP	10	8:59	14:50:41.4	29:47:04	300	90	3.0	#113 Interacti	2	
0114.RSOph	2	9:01	17:50:13	-06:42:30	300	10	3.0	#12 Symbiotic	2	
0115.RSOph	2	9:02	17:50:13	-06:42:30	300	10	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>
0116.RSOph	5	9:03	17:50:13	-06:42:30	300	10	3.0	#12 Symbiotic	2	
0117.RSOph	15	9:03	17:50:13	-06:42:30	300	10	3.0	#12 Symbiotic	2	
0118.RSOph	45	9:04	17:50:13	-06:42:30	300	10	3.0	#12 Symbiotic	2	
0119.RSOph	100	9:05	17:50:13	-06:42:30	300	10	3.0	#12 Symbiotic	2	
0120.COMP	10	9:07	17:50:13	-06:42:30	300	10	3.0	#12 Symbiotic	2	
0121.2M15271824+2640283	300	9:19	15:27:18.2	+26:40:28	300	90	3.0	#141 Mapping t	2	
0122.COMP	10	9:24	15:27:18.2	+26:40:28	300	90	3.0	#141 Mapping t	2	
0123.2M15353531+1348402	270	9:25	15:35:35.3	+13:48:40	300	90	3.0	#141 Mapping t	2	
0124.COMP	10	9:30	15:35:35.3	+13:48:40	300	90	3.0	#141 Mapping t	2	
0125.2M15374126+1421154	300	9:31	15:37:41.2	+14:21:15	300	90	3.0	#141 Mapping t	2	
0126.COMP	10	9:36	15:37:41.2	+14:21:15	300	90	3.0	#141 Mapping t	2	
0127.2M15564456+1400173	300	9:37	15:56:44.5	+14:00:17	300	90	3.0	#141 Mapping t	2	
0128.COMP	10	9:42	15:56:44.5	+14:00:17	300	90	3.0	#141 Mapping t	2	
0129.2M15564682+2551256	360	9:43	15:56:46.8	+25:51:25	300	90	3.0	#141 Mapping t	2	
0130.COMP	10	9:49	15:56:46.8	+25:51:25	300	90	3.0	#141 Mapping t	2	
0131.2M18014400-1005123	1200	9:52	18:01:44.0	-10:05:12	300	90	3.0	#141 Mapping t	2	
0132.COMP	10	10:13	18:01:44.0	-10:05:12	300	90	3.0	#141 Mapping t	2	
0133.2M18092888-0038358	1200	10:14	18:09:28.8	-00:38:35	300	90	3.0	#141 Mapping t	2	
0134.COMP	10	10:34	18:09:28.8	-00:38:35	300	90	3.0	#141 Mapping t	2	
0135.2M20195124+4816205	1200	10:36	20:19:51.2	+48:16:20	300	90	3.0	#141 Mapping t	2	



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0136.COMP	10	10:57	20:19:51.2	+48:16:20	300	90	3.0	#141 Mapping t	2	
0137.CHCyg	0	10:58	19:24:33	50:14:30	300	90	3.0	#12 Symbiotic	2	
0138.CHCyg	2	10:59	19:24:33	50:14:30	300	90	3.0	#12 Symbiotic	2	
0139.CHCyg	5	11:00	19:24:33	50:14:30	300	90	3.0	#12 Symbiotic	2	
0140.CHCyg	5	11:00	19:24:33	50:14:30	300	90	3.0	#12 Symbiotic	2	
0141.COMP	10	11:01	19:24:33	50:14:30	300	90	3.0	#12 Symbiotic	2	
0142.BDp284211	60	11:03	21:51:11.1	28:51:53	300	90	3.0	#56 Spectropho	2	
0143.BDp284211	60	11:04	21:51:11.1	28:51:53	300	90	3.0	#56 Spectropho	2	
0144.COMP	10	11:05	21:51:11.1	28:51:53	300	90	3.0	#56 Spectropho	2	
0145-0154.BIAS	0	11:10	21:51:11.1	28:51:53	300	90	3.0	#87 IRAC/2MASS	2	
0155-0174.FLAT	16	11:19	21:51:11.1	28:51:53	300	90	3.0	#87 IRAC/2MASS	2	
0175-0184.DARK	900	13:45	21:51:11.1	28:51:53	300	90	3.0	#87 IRAC/2MASS	2	