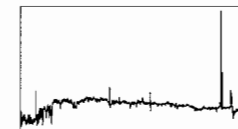
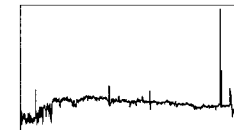
UT Date 2003-06-02 Observers M CalkinsColl. Focus 820 Grating/Grism 300

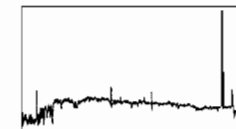
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001-0010.DARK	900	1:10	23:33:40	48:49:06	300	90	3.0	#57 Velocity S	4	
0011-0020.BIAS	0	1:33	23:33:40	48:49:06	600	90	2.0	#57 Velocity S	4	
0021.FLAT	40	1:41	23:33:40	48:49:06	600	90	2.0	#57 Velocity S	4	600L, 2arcsec, tilt=430
0022-0030.FLAT	40	1:48	23:33:40	48:49:06	600	90	2.0	#57 Velocity S	4	
0031.hs1395	828	3:24	13:00:52.9	+41:00:17	600	90	2.0	#122 Halo Star	4	
0032.COMP	10	3:38	13:00:52.9	+41:00:17	600	90	2.0	#122 Halo Star	4	
0033.hs1396	846	3:39	13:04:56.1	+35:03:30	600	90	2.0	#122 Halo Star	4	
0034.COMP	10	3:54	13:04:56.1	+35:03:30	600	90	2.0	#122 Halo Star	4	
0035.hs1397	600	3:55	13:08:31.2	+32:43:38	600	90	2.0	#122 Halo Star	4	
0036.COMP	10	4:06	13:08:31.2	+32:43:38	600	90	2.0	#122 Halo Star	4	
0037.hs1398	648	4:07	13:09:01.6	+38:57:40	600	90	2.0	#122 Halo Star	4	
0038.COMP	10	4:18	13:09:01.6	+38:57:40	600	90	2.0	#122 Halo Star	4	
0039.hs1399	570	4:19	13:13:39.0	+34:27:17	600	90	2.0	#122 Halo Star	4	
0040.COMP	10	4:29	13:13:39.0	+34:27:17	600	90	2.0	#122 Halo Star	4	
0041.hs1400	504	4:30	13:20:25.0	+33:57:59	600	90	2.0	#122 Halo Star	4	
0042.COMP	10	4:39	13:20:25.0	+33:57:59	600	90	2.0	#122 Halo Star	4	
0043.hs1401	318	4:41	13:25:46.7	+40:08:25	600	90	2.0	#122 Halo Star	4	
0044.COMP	10	4:46	13:25:46.7	+40:08:25	600	90	2.0	#122 Halo Star	4	
0045.hs1402	516	4:47	13:30:03.3	+43:30:13	600	90	2.0	#122 Halo Star	4	
0046.COMP	10	4:59	13:30:03.3	+43:30:13	600	90	2.0	#122 Halo Star	4	

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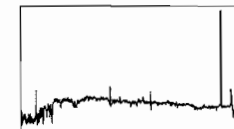
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0047.hs1403	306	5:01	13:30:20.7	+46:15:18	600	90	2.0	#122 Halo Star	4	
0048.COMP	10	5:06	13:30:20.7	+46:15:18	600	90	2.0	#122 Halo Star	4	
0049.hs1404	348	5:08	13:30:48.5	+33:53:55	600	90	2.0	#122 Halo Star	4	
0050.COMP	10	5:14	13:30:48.5	+33:53:55	600	90	2.0	#122 Halo Star	4	
0051.hs1405	534	5:15	13:31:37.1	+45:50:50	600	90	2.0	#122 Halo Star	4	
0052.COMP	10	5:24	13:31:37.1	+45:50:50	600	90	2.0	#122 Halo Star	4	
0053.hs1406	912	5:25	13:31:47.3	+45:40:02	600	90	2.0	#122 Halo Star	4	
0054.COMP	10	5:41	13:31:47.3	+45:40:02	600	90	2.0	#122 Halo Star	4	
0055.hs1407	330	5:42	13:36:02.4	+46:31:19	600	90	2.0	#122 Halo Star	4	
0056.COMP	10	5:47	13:36:02.4	+46:31:19	600	90	2.0	#122 Halo Star	4	
0057.hs1408	468	5:48	13:36:58.8	+47:04:46	600	90	2.0	#122 Halo Star	4	
0058.COMP	10	5:57	13:36:58.8	+47:04:46	600	90	2.0	#122 Halo Star	4	
0059.hs1409	546	5:58	13:43:01.8	+46:41:32	600	90	2.0	#122 Halo Star	4	
0060.COMP	10	6:07	13:43:01.8	+46:41:32	600	90	2.0	#122 Halo Star	4	
0061.hs1410	882	6:08	13:44:04.5	+36:11:03	600	90	2.0	#122 Halo Star	4	
0062.COMP	10	6:23	13:44:04.5	+36:11:03	600	90	2.0	#122 Halo Star	4	
0063.hs1411	366	6:24	13:47:53.7	+41:42:41	600	90	2.0	#122 Halo Star	4	
0064.COMP	10	6:31	13:47:53.7	+41:42:41	600	90	2.0	#122 Halo Star	4	
0065.hs1412	966	6:32	13:48:27.2	+41:41:10	600	90	2.0	#122 Halo Star	4	
0066.COMP	10	6:48	13:48:27.2	+41:41:10	600	90	2.0	#122 Halo Star	4	

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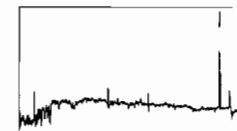
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0067.hs1413	1086	6:49	13:50:09.2	+39:54:45	600	90	2.0	#122 Halo Star	4	
0068.COMP	10	7:08	13:50:09.2	+39:54:45	600	90	2.0	#122 Halo Star	4	
0069.BDp332642	90	7:09	15:50:03	33:05:49	600	90	2.0	#122 Halo Star	4	
0070.COMP	10	7:11	15:50:03	33:05:49	600	90	2.0	#122 Halo Star	4	
0071.BDp332642	90	7:15	15:50:03	33:05:49	300	90	3.0	#56 Spectropho	4	combo setup
0072.COMP	5	7:17	15:50:03	33:05:49	300	90	3.0	#56 Spectropho	4	
0073.BDp332642	90	7:18	15:50:03	33:05:49	300	90	3.0	#56 Spectropho	2	
0074.COMP	12	7:19	15:50:03	33:05:49	300	90	3.0	#56 Spectropho	2	
0075.FineFoc	60	7:27	16:56:22.7	31:00:40	300	90	3.0	#56 Spectropho	1	
0076.a2199k_019	1200	7:35	16:39:05.6	34:41:53	300	90	3.0	#64 Cluster In	4	
0077.COMP	5	7:55	16:39:05.6	34:41:53	300	90	3.0	#64 Cluster In	4	
0078.a2199k_025	660	7:56	16:56:15.0	38:51:34	300	90	3.0	#64 Cluster In	4	
0079.COMP	5	8:08	16:56:15.0	38:51:34	300	90	3.0	#64 Cluster In	4	
0080.a2199k_039	600	8:09	16:17:32.8	41:23:39	300	90	3.0	#64 Cluster In	4	
0081.COMP	5	8:19	16:17:32.8	41:23:39	300	90	3.0	#64 Cluster In	4	
0082.a2199k_040	720	8:20	16:23:09.4	44:04:41	300	90	3.0	#64 Cluster In	4	
0083.COMP	5	8:33	16:23:09.4	44:04:41	300	90	3.0	#64 Cluster In	4	
0084.a2199k_043	780	8:35	16:42:58.2	41:22:26	300	90	3.0	#64 Cluster In	4	
0085.COMP	5	8:48	16:42:58.2	41:22:26	300	90	3.0	#64 Cluster In	4	
0086.a2199k_045	600	8:50	16:39:27.1	38:09:49	300	90	3.0	#64 Cluster In	4	

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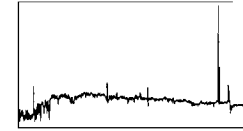
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0087.COMP	5	9:00	16:39:27.1	38:09:49	300	90	3.0	#64 Cluster In	4	
0088.a2199k_050	900	9:02	16:42:11.8	38:14:33	300	90	3.0	#64 Cluster In	4	
0089.COMP	5	9:17	16:42:11.8	38:14:33	300	90	3.0	#64 Cluster In	4	
0090.a2199k_051	780	9:19	16:34:41.0	44:30:32	300	90	3.0	#64 Cluster In	4	
0091.COMP	5	9:32	16:34:41.0	44:30:32	300	90	3.0	#64 Cluster In	4	
0092.a2199k_052	900	9:34	16:06:20.1	39:14:38	300	90	3.0	#64 Cluster In	4	
0093.COMP	5	9:50	16:06:20.1	39:14:38	300	90	3.0	#64 Cluster In	4	
0094.a2199k_053	1020	9:51	16:10:58.5	35:37:42	300	90	3.0	#64 Cluster In	4	
0095.COMP	5	10:08	16:10:58.5	35:37:42	300	90	3.0	#64 Cluster In	4	
0096.a2199k_054	780	10:09	16:12:33.8	37:21:41	300	90	3.0	#64 Cluster In	2	
0097.COMP	12	10:22	16:12:33.8	37:21:41	300	90	3.0	#64 Cluster In	2	
0098.a2199k_055	780	10:23	16:56:08.6	39:25:58	300	90	3.0	#64 Cluster In	2	
0099.COMP	12	10:37	16:56:08.6	39:25:58	300	90	3.0	#64 Cluster In	2	
0100.a2199k_056	960	10:38	16:11:50.5	37:16:28	300	90	3.0	#64 Cluster In	2	
0101.COMP	12	10:55	16:11:50.5	37:16:28	300	90	3.0	#64 Cluster In	2	
0102.a2199k_057	600	10:56	16:11:28.4	36:55:09	300	90	3.0	#64 Cluster In	2	
0103.COMP	12	11:06	16:11:28.4	36:55:09	300	90	3.0	#64 Cluster In	2	
0104.RS0ph	10	11:12	17:50:13	-06:42:30	300	90	3.0	#12 Symbiotic	2	
0105.RS0ph	60	11:12	17:50:13	-06:42:30	300	90	3.0	#12 Symbiotic	2	
0106.RS0ph	150	11:13	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>
0107.COMP	12	11:16	17:50:13	-06:42:30	300	90	3.0	#12 Symbiotic	2	
0108.BDp284211	70	11:20	21:48:57.1	28:37:48	300	90	3.0	#56 Spectropho	2	
0109.COMP	12	11:22	21:48:57.1	28:37:48	300	90	3.0	#56 Spectropho	2	
0110-0114.sky	2	11:54	21:48:57.1	28:37:48	300	90	3.0	#57 Velocity S	4	
0115.COMP	5	11:54	21:48:57.1	28:37:48	300	90	3.0	#57 Velocity S	4	
0116-0125.BIAS	0	11:58	21:48:57.1	28:37:48	300	90	3.0	#57 Velocity S	4	
0126-0135.FLAT	6	12:01	21:48:57.1	28:37:48	300	90	3.0	#57 Velocity S	4	
0136-0145.BIAS	0	12:07	21:48:57.1	28:37:48	300	90	3.0	#57 Velocity S	2	
0146-0155.FLAT	12	12:11	21:48:57.1	28:37:48	300	90	3.0	#57 Velocity S	2	
0156-0165.DARK	900	14:31	21:48:57.1	28:37:48	300	90	3.0	#57 Velocity S	2	

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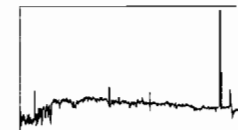
<i>File</i>	<i>Exp Time</i>	<i>UT Start</i>	<i>RA</i>	<i>Dec</i>	<i>Gr.</i>	<i>P.A.</i>	<i>Slit</i>	<i>Program</i>	<i>Bin</i>	<i>Comments</i>
0001-0003.DARK	900	2:09	21:48:57.1	28:37:48	600	90	2.0	#88f	2	
0004-0013.BIAS	0	2:27	21:48:57.1	28:37:48	600	90	2.0	#88f	2	
0014-0023.FLAT	35	2:35	21:48:57.1	28:37:48	600	90	2.0	#88f	2	
0024-0028.sky	4	2:40	21:48:57.1	28:37:48	600	90	2.0	#88f	2	
0029.COMP	30	2:41	21:48:57.1	28:37:48	600	90	2.0	#88f	2	
0030.Feige34	180	3:18	10:36:41.2	43:21:50	600	106	2.0	#56 Spectropho	2	em obs
0031.COMP	30	3:21	10:36:41.2	43:21:50	600	106	2.0	#56 Spectropho	2	
0032.COMP	30	3:28	11:03:00.5	+31:58:16	600	7	2.0	#88 Mass Funct	2	
0033.MF0001	600	3:29	11:03:00.5	+31:58:16	600	7	2.0	#88 Mass Funct	2	
0034.MF0001	600	3:39	11:03:00.5	+31:58:16	600	7	2.0	#88 Mass Funct	2	
0035.MF0001	600	3:49	11:03:00.5	+31:58:16	600	7	2.0	#88 Mass Funct	2	
0036.COMP	30	4:00	11:03:00.5	+31:58:16	600	7	2.0	#88 Mass Funct	2	
0037.COMP	30	4:03	11:20:50.5	+19:22:26	600	110	2.0	#88 Mass Funct	2	
0038.MF0010	900	4:04	11:20:50.5	+19:22:26	600	110	2.0	#88 Mass Funct	2	
0039.MF0010	900	4:19	11:20:50.5	+19:22:26	600	110	2.0	#88 Mass Funct	2	
0040.MF0010	900	4:35	11:20:50.5	+19:22:26	600	110	2.0	#88 Mass Funct	2	
0041.COMP	30	4:50	11:20:50.5	+19:22:26	600	110	2.0	#88 Mass Funct	2	
0042.COMP	30	4:54	11:26:44.2	+59:09:19	600	-25	2.0	#88 Mass Funct	2	
0043.MF7087	600	4:55	11:26:44.2	+59:09:19	600	-25	2.0	#88 Mass Funct	2	
0044.MF7087	600	5:06	11:26:44.2	+59:09:19	600	-25	2.0	#88 Mass Funct	2	



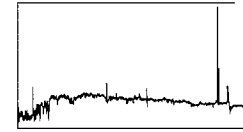
UT Date 2003-06-03 Observers M Calkins

Coll. Focus 820 Grating/Grism 600

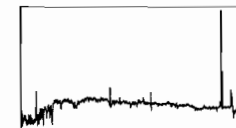
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0045.MF7087	600	5:16	11:26:44.2	+59:09:19	600	-25	2.0	#88 Mass Funct	2	
0046.COMP	30	5:26	11:26:44.2	+59:09:19	600	-25	2.0	#88 Mass Funct	2	
0047.MF6006	450	5:29	11:42:23.6	+10:15:51	600	65	2.0	#88 Mass Funct	2	
0048.MF6006	450	5:37	11:42:23.6	+10:15:51	600	65	2.0	#88 Mass Funct	2	
0049.COMP	30	5:45	11:42:23.6	+10:15:51	600	65	2.0	#88 Mass Funct	2	
0050.FineFoc	60	5:52	14:54:52.5	31:25:24	600	90	2.0	#88 Mass Funct	1	
0051.FineFoc	60	5:56	14:54:52.5	31:25:24	600	90	2.0	#88 Mass Funct	1	
0052.COMP	30	6:03	12:04:51.1	+63:07:53	600	75	2.0	#88 Mass Funct	2	begin abs obs
0053.MF4063	900	6:04	12:04:51.1	+63:07:53	600	75	2.0	#88 Mass Funct	2	
0054.MF4063	900	6:19	12:04:51.1	+63:07:53	600	75	2.0	#88 Mass Funct	2	
0055.MF4063	900	6:35	12:04:51.1	+63:07:53	600	75	2.0	#88 Mass Funct	2	
0056.COMP	30	6:50	12:04:51.1	+63:07:53	600	75	2.0	#88 Mass Funct	2	
0057.HD145457	49	6:53	16:10:03.9	26:44:33	600	90	2.0	#88f Mass Func	2	
0058.COMP	30	6:54	16:10:03.9	26:44:33	600	90	2.0	#88f Mass Func	2	
0059.NGC4839	240	6:59	12:54:59.0	27:46:00	600	72	2.0	#88f Mass Func	2	
0060.NGC4839	240	7:03	12:54:59.0	27:46:00	600	72	2.0	#88f Mass Func	2	
0061.NGC4839	240	7:07	12:54:59.0	27:46:00	600	72	2.0	#88f Mass Func	2	
0062.COMP	30	7:12	12:54:59.0	27:46:00	600	72	2.0	#88f Mass Func	2	
0063.BDp332642	90	7:15	15:50:03	33:05:49	600	95	2.0	#56 Spectropho	2	
0064.COMP	30	7:17	15:50:03	33:05:49	600	95	2.0	#56 Spectropho	2	

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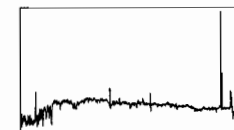
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0065.COMP	30	7:20	13:16:58.4	+07:50:39	600	5	2.0	#88 Mass Funct	2	
0066.MF7036	900	7:21	13:16:58.4	+07:50:39	600	5	2.0	#88 Mass Funct	2	
0067.MF7036	900	7:37	13:16:58.4	+07:50:39	600	5	2.0	#88 Mass Funct	2	
0068.MF7036	900	7:52	13:16:58.4	+07:50:39	600	5	2.0	#88 Mass Funct	2	
0069.COMP	30	8:07	13:16:58.4	+07:50:39	600	5	2.0	#88 Mass Funct	2	
0070.COMP	30	8:10	16:32:58.9	+23:11:50	600	70	2.0	#88 Mass Funct	2	
0071.MF7007	900	8:11	16:32:58.9	+23:11:50	600	70	2.0	#88 Mass Funct	2	
0072.MF7007	900	8:26	16:32:58.9	+23:11:50	600	70	2.0	#88 Mass Funct	2	
0073.MF7007	900	8:41	16:32:58.9	+23:11:50	600	70	2.0	#88 Mass Funct	2	
0074.COMP	30	8:57	16:32:58.9	+23:11:50	600	70	2.0	#88 Mass Funct	2	
0075.COMP	30	9:00	16:05:39.9	+18:03:20	600	0	2.0	#88 Mass Funct	2	
0076.MF7134	900	9:01	16:05:39.9	+18:03:20	600	0	2.0	#88 Mass Funct	2	
0077.MF7134	900	9:17	16:05:39.9	+18:03:20	600	0	2.0	#88 Mass Funct	2	
0078.MF7134	900	9:32	16:05:39.9	+18:03:20	600	0	2.0	#88 Mass Funct	2	
0079.COMP	30	9:47	16:05:39.9	+18:03:20	600	0	2.0	#88 Mass Funct	2	
0080.HD162555	40	9:50	17:50:22.9	29:19:19	600	90	2.0	#88f Mass Func	2	
0081.COMP	30	9:52	17:50:22.9	29:19:19	600	90	2.0	#88f Mass Func	2	
0082.COMP	30	9:56	17:46:39.5	+51:16:53	600	-10	2.0	#88 Mass Funct	2	
0083.MF7104	900	9:57	17:46:39.5	+51:16:53	600	-10	2.0	#88 Mass Funct	2	
0084.MF7104	900	10:12	17:46:39.5	+51:16:53	600	-10	2.0	#88 Mass Funct	2	

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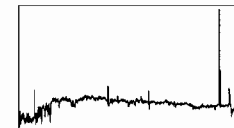
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0085.MF7104	900	10:27	17:46:39.5	+51:16:53	600	-10	2.0	#88 Mass Funct	2	
0086.MF7104	900	10:43	17:46:39.5	+51:16:53	600	-10	2.0	#88 Mass Funct	2	
0087.COMP	30	10:58	17:46:39.5	+51:16:53	600	-10	2.0	#88 Mass Funct	2	
0088.NGC7331	180	11:03	22:34:46.6	34:09:20	600	94	2.0	#88f Mass Func	2	
0089.NGC7331	180	11:06	22:34:46.6	34:09:20	600	94	2.0	#88f Mass Func	2	
0090.NGC7331	180	11:09	22:34:46.6	34:09:20	600	94	2.0	#88f Mass Func	2	
0091.COMP	30	11:13	22:34:46.6	34:09:20	600	94	2.0	#88f Mass Func	2	
0092.BDp284211	120	11:15	21:48:57.1	28:37:48	600	105	2.0	#56 Spectropho	2	
0093.BDp284211	120	11:17	21:48:57.1	28:37:48	600	105	2.0	#56 Spectropho	2	
0094.COMP	30	11:20	21:48:57.1	28:37:48	600	105	2.0	#56 Spectropho	2	
0095.HD197989	15	11:22	20:46:12.7	33:58:12	600	90	2.0	#88f Mass Func	2	saturated, find another...
0096.COMP	30	11:23	20:46:12.7	33:58:12	600	90	2.0	#88f Mass Func	2	
0097.HD166842	37	11:28	18:11:32.0	25:33:40	600	90	2.0	#88f Mass Func	2	
0098.COMP	30	11:29	18:11:32.0	25:33:40	600	90	2.0	#88f Mass Func	2	
0099-0103.sky	2	12:16	18:11:32.0	25:33:40	600	90	2.0	#88f Mass Func	2	
0104.COMP	30	12:16	18:11:32.0	25:33:40	600	90	2.0	#88f Mass Func	2	
0105-0114.BIAS	0	12:22	18:11:32.0	25:33:40	600	90	2.0	#88f Mass Func	2	
0115-0124.FLAT	35	12:30	18:11:32.0	25:33:40	600	90	2.0	#88f Mass Func	2	
0125-0134.DARK	900	14:48	18:11:32.0	25:33:40	600	90	2.0	#88f Mass Func	2	

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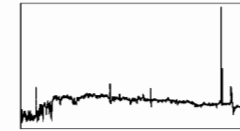
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001-0010.BIAS	0	2:26	11:50:35.3	+31:31:20	600	90	2.0	#88f Mass Funct	2	
0011-0030.FLAT	30	2:41	11:57:20.2	+31:31:20	600	90	2.0	#88f Mass Funct	2	
0031.MF6004	600	3:39	10:27:10.1	-03:19:5	600	-35	2.0	#88 Mass Funct	2	dome problem
0032.MF6004	600	3:50	10:27:10.1	-03:19:5	600	-35	2.0	#88 Mass Funct	2	
0033.COMP	10	4:01	10:27:10.1	-03:19:5	600	-35	2.0	#88 Mass Funct	2	
0034.MF6005	600	4:07	10:30:10.7	-03:09:47	600	40	2.0	#88 Mass Funct	2	
0035.MF6005	600	4:17	10:30:10.7	-03:09:47	600	40	2.0	#88 Mass Funct	2	
0036.COMP	10	4:28	10:30:10.7	-03:09:47	600	40	2.0	#88 Mass Funct	2	
0037.BDp332642	300	4:31	15:50:03	33:05:49	600	95	2.0	#88f Mass Funct	2	
0038.BDp332642	300	4:36	15:50:03	33:05:49	600	95	2.0	#88f Mass Funct	2	
0039.COMP	10	4:42	15:50:03	33:05:49	600	95	2.0	#88f Mass Funct	2	
0040.BIAS	0	4:42	15:50:03	33:05:49	600	95	2.0	#88f Mass Funct	2	
0041.COMP	20	4:44	15:50:03	33:05:49	600	95	2.0	#88f Mass Funct	2	
0042.COMP	20	4:49	12:01:41.0	+04:46:11	600	-45	2.0	#88 Mass Funct	2	600-line, 2-sec, 494, abs
0043.MF7076	1200	4:50	12:01:41.0	+04:46:11	600	-45	2.0	#88 Mass Funct	2	
0044.MF7076	1200	5:10	12:01:41.0	+04:46:11	600	-45	2.0	#88 Mass Funct	2	
0045.MF7076	1200	5:31	12:01:41.0	+04:46:11	600	-45	2.0	#88 Mass Funct	2	
0046.COMP	20	5:52	12:01:41.0	+04:46:11	600	-45	2.0	#88 Mass Funct	2	
0047.COMP	20	5:55	12:24:11.3	+58:21:38	600	43	2.0	#88 Mass Funct	2	
0048.MF7105	900	5:56	12:24:11.3	+58:21:38	600	43	2.0	#88 Mass Funct	2	

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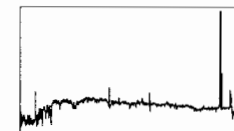
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0049.MF7105	900	6:11	12:24:11.3	+58:21:38	600	43	2.0	#88 Mass Funct	2	
0050.MF7105	900	6:27	12:24:11.3	+58:21:38	600	43	2.0	#88 Mass Funct	2	
0051.COMP	20	6:42	12:24:11.3	+58:21:38	600	43	2.0	#88 Mass Funct	2	
0052.BDp332642	120	6:44	15:50:03	33:05:49	600	100	2.0	#88f Mass Func	2	
0053.BDp332642	240	6:46	15:50:03	33:05:49	600	100	2.0	#88f Mass Func	2	
0054.BDp332642	240	6:51	15:50:03	33:05:49	600	100	2.0	#88f Mass Func	2	
0055.BDp332642	240	6:55	15:50:03	33:05:49	600	100	2.0	#88f Mass Func	2	
0056.COMP	20	6:59	15:50:03	33:05:49	600	100	2.0	#88f Mass Func	2	
0057.NGC4839	330	7:01	12:54:59.0	27:46:00	600	65	2.0	#88f Mass Func	2	
0058.NGC4839	330	7:07	12:54:59.0	27:46:00	600	65	2.0	#88f Mass Func	2	
0059.NGC4839	330	7:13	12:54:59.0	27:46:00	600	65	2.0	#88f Mass Func	2	
0060.COMP	20	7:20	12:54:59.0	27:46:00	600	65	2.0	#88f Mass Func	2	
0061.NGC5846	240	7:22	15:03:56.9	01:47:53	600	65	2.0	#88f Mass Func	2	
0062.NGC5846	240	7:26	15:03:56.9	01:47:53	600	65	2.0	#88f Mass Func	2	
0063.NGC5846	240	7:30	15:03:56.9	01:47:53	600	65	2.0	#88f Mass Func	2	
0064.COMP	20	7:35	15:03:56.9	01:47:53	600	65	2.0	#88f Mass Func	2	
0065.HD134320	35	7:37	15:08:23.8	26:18:04	600	90	2.0	#88f Mass Func	2	
0066.HD134320	35	7:38	15:08:23.8	26:18:04	600	90	2.0	#88f Mass Func	2	
0067.COMP	20	7:39	15:08:23.8	26:18:04	600	90	2.0	#88f Mass Func	2	
0068.HD134335	45	7:41	15:08:35.6	25:06:31	600	90	2.0	#88f Mass Func	2	

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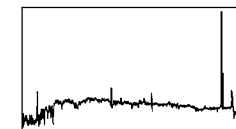
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0069.HD134335	45	7:42	15:08:35.6	25:06:31	600	90	2.0	#88f Mass Func	2	
0070.COMP	20	7:43	15:08:35.6	25:06:31	600	90	2.0	#88f Mass Func	2	
0071.HD147677	45	7:44	16:22:05.8	30:53:31	600	90	2.0	#88f Mass Func	2	
0072.HD147677	45	7:46	16:22:05.8	30:53:31	600	90	2.0	#88f Mass Func	2	
0073.COMP	20	7:47	16:22:05.8	30:53:31	600	90	2.0	#88f Mass Func	2	
0074.HD152224	45	7:48	16:50:43.1	32:33:13	600	90	2.0	#88f Mass Func	2	
0075.HD152224	45	7:49	16:50:43.1	32:33:13	600	90	2.0	#88f Mass Func	2	
0076.COMP	20	7:50	16:50:43.1	32:33:13	600	90	2.0	#88f Mass Func	2	
0077-0086.FLAT	55	8:02	17:30:00	32:00:00	600	90	2.0	#88f Mass Func	2	
0087.BIAS	0	8:06	17:30:00	32:00:00	300	90	3.0	#88f Mass Func	2	
0088.COMP	5	8:06	17:30:00	32:00:00	300	90	3.0	#88f Mass Func	4	300-line, 3-sec, combo
0089.BDp332642	150	8:08	15:50:03	33:05:49	300	87	3.0	#56 Spectropho	2	
0090.BDp332642	150	8:10	15:50:03	33:05:49	300	87	3.0	#56 Spectropho	2	
0091.COMP	10	8:13	15:50:03	33:05:49	300	87	3.0	#56 Spectropho	2	
0092.sn2003du	1200	8:17	14:34:35.8	59:20:03	300	110	3.0	#2 SN Observat	2	
0093.COMP	10	8:37	14:34:35.8	59:20:03	300	110	3.0	#2 SN Observat	2	
0094.2M17141008m0449110	1200	8:42	17:14:10.0	-04:49:11	300	60	3.0	#68 2MASS Reds	4	
0095.COMP	5	9:02	17:14:10.0	-04:49:11	300	60	3.0	#68 2MASS Reds	4	
0096.2M17163059m0614331	900	9:03	17:16:30.5	-06:14:33	300	60	3.0	#68 2MASS Reds	4	
0097.COMP	5	9:19	17:16:30.5	-06:14:33	300	60	3.0	#68 2MASS Reds	4	

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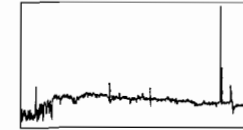
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0098.2M17173526m0432306	900	9:20	17:17:35.2	-04:32:30	300	90	3.0	#68 2MASS Reds	4	
0099.COMP	5	9:35	17:17:35.2	-04:32:30	300	90	3.0	#68 2MASS Reds	4	
0100.2M17204935m0100543	720	9:36	17:20:49.3	-01:00:54	300	90	3.0	#68 2MASS Reds	4	
0101.COMP	5	9:48	17:20:49.3	-01:00:54	300	90	3.0	#68 2MASS Reds	4	
0102.2M17310331m0825392	900	9:49	17:31:03.3	-08:25:39	300	90	3.0	#68 2MASS Reds	4	
0103.COMP	5	10:05	17:31:03.3	-08:25:39	300	90	3.0	#68 2MASS Reds	4	
0104.2M17312967m0215442	720	10:06	17:31:29.6	-02:15:44	300	90	3.0	#68 2MASS Reds	4	
0105.COMP	5	10:18	17:31:29.6	-02:15:44	300	90	3.0	#68 2MASS Reds	4	
0106.2M17424420p0411450	420	10:19	17:42:44.2	+04:11:45	300	90	3.0	#68 2MASS Reds	4	
0107.COMP	5	10:27	17:42:44.2	+04:11:45	300	90	3.0	#68 2MASS Reds	4	
0108.2M17475489p0657248	480	10:29	17:47:54.8	+06:57:24	300	90	3.0	#68 2MASS Reds	4	
0109.COMP	5	10:37	17:47:54.8	+06:57:24	300	90	3.0	#68 2MASS Reds	4	
0110.sn2003ep	1200	10:42	21:21:07.3	+23:05:05	300	0	3.0	#2 SN Observat	2	
0111.COMP	10	11:03	21:21:07.3	+23:05:05	300	0	3.0	#2 SN Observat	2	
0112.ZAnd	2	11:05	23:33:40	48:49:06	300	90	3.0	#12 Symbiotic	4	
0113.ZAnd	5	11:06	23:33:40	48:49:06	300	90	3.0	#12 Symbiotic	4	
0114.ZAnd	15	11:06	23:33:40	48:49:06	300	90	3.0	#12 Symbiotic	4	
0115.ZAnd	60	11:07	23:33:40	48:49:06	300	90	3.0	#12 Symbiotic	4	
0116.ZAnd	60	11:08	23:33:40	48:49:06	300	90	3.0	#12 Symbiotic	4	
0117.COMP	5	11:09	23:33:40	48:49:06	300	90	3.0	#12 Symbiotic	4	

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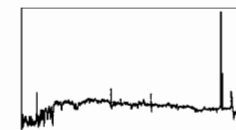
<i>File</i>	<i>Exp Time</i>	<i>UT Start</i>	<i>RA</i>	<i>Dec</i>	<i>Gr.</i>	<i>P.A.</i>	<i>Slit</i>	<i>Program</i>	<i>Bin</i>	<i>Comments</i>
0118.HD192281	6	11:11	20:10:46.8	40:07:01	300	90	3.0	#56 Spectropho	2	
0119.HD192281	6	11:11	20:10:46.8	40:07:01	300	90	3.0	#56 Spectropho	2	
0120.HD192281	6	11:12	20:10:46.8	40:07:01	300	90	3.0	#56 Spectropho	2	
0121.HD192281	6	11:12	20:10:46.8	40:07:01	300	90	3.0	#56 Spectropho	2	
0122.COMP	10	11:12	20:10:46.8	40:07:01	300	90	3.0	#56 Spectropho	2	
0123-0132.BIAS	0	11:17	20:10:46.8	40:07:01	300	90	3.0	#68 2MASS Reds	4	
0133-0142.FLAT	8	11:20	20:10:46.8	40:07:01	300	90	3.0	#68 2MASS Reds	4	
0143-0152.BIAS	0	11:22	20:10:46.8	40:07:01	300	90	3.0	#68 2MASS Reds	2	
0153-0162.FLAT	16	11:28	20:10:46.8	40:07:01	300	90	3.0	#68 2MASS Reds	2	

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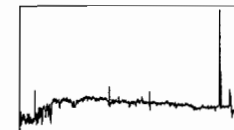
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001.BIAS	0	3:55	13:27:28.1	+31:31:19	300	90	3.0	#57 Velocity S	4	problems with ccd binning
0002-0010.BIAS	0	3:56	13:28:32.1	+31:31:19	300	90	3.0	#57 Velocity S	4	
0011-0020.FLAT	8	3:59	13:30:27.7	+31:31:19	300	90	3.0	#57 Velocity S	4	
0021-0030.BIAS	0	4:01	13:30:27.7	+31:31:19	300	90	3.0	#57 Velocity S	2	
0031-0040.FLAT	16	4:07	13:30:27.7	+31:31:19	300	90	3.0	#57 Velocity S	2	
0041.TXCVn	10	4:08	12:44:42	36:45:48	300	90	3.0	#12 Symbiotic	4	
0042.TXCVn	30	4:08	12:44:42	36:45:48	300	90	3.0	#12 Symbiotic	4	
0043.COMP	5	4:09	12:44:42	36:45:48	300	90	3.0	#12 Symbiotic	4	
0044.RWHya	2	4:11	13:34:18	-25:22:51	300	0	3.0	#12 Symbiotic	4	
0045.RWHya	10	4:12	13:34:18	-25:22:51	300	0	3.0	#12 Symbiotic	4	
0046.RWHya	20	4:12	13:34:18	-25:22:51	300	0	3.0	#12 Symbiotic	4	
0047.COMP	5	4:13	13:34:18	-25:22:51	300	0	3.0	#12 Symbiotic	4	more problems with ccd binning
0048.bad	10	4:16	12:43:11.8	-02:30:04	300	25	3.0	#2 SN Observat	2	
0049.bad	2	4:17	12:43:11.8	-02:30:04	300	25	3.0	#2 SN Observat	4	
0050.sn2003ez	1200	5:08	12:43:11.8	-02:30:04	300	42	3.0	#2 SN Observat	2	
0051.COMP	10	5:29	12:43:11.8	-02:30:04	300	42	3.0	#2 SN Observat	2	
0052.N4051	150	5:31	12:03:09.7	+44:31:53	300	95	3.0	#6 AGN Monitor	4	
0053.N4051	150	5:34	12:03:09.7	+44:31:53	300	95	3.0	#6 AGN Monitor	4	
0054.COMP	5	5:36	12:03:09.7	+44:31:53	300	95	3.0	#6 AGN Monitor	4	
0055.N4151	35	5:37	12:10:32.6	+39:24:21	300	88	3.0	#6 AGN Monitor	4	

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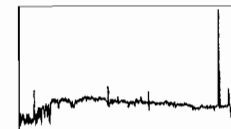
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0056.N4151	35	5:38	12:10:32.6	+39:24:21	300	88	3.0	#6 AGN Monitor	4	
0057.COMP	5	5:39	12:10:32.6	+39:24:21	300	88	3.0	#6 AGN Monitor	4	
0058.M87	180	5:43	12:30:49.4	12:23:28	300	55	3.0	#6 AGN Monitor	4	
0059.M87	180	5:46	12:30:49.4	12:23:28	300	55	3.0	#6 AGN Monitor	4	
0060.COMP	5	5:50	12:30:49.4	12:23:28	300	55	3.0	#6 AGN Monitor	4	
0061.MRK279	180	5:52	13:51:53.6	69:33:13	300	90	3.0	#6 AGN Monitor	4	
0062.MRK279	180	5:55	13:51:53.6	69:33:13	300	90	3.0	#6 AGN Monitor	4	
0063.COMP	5	5:58	13:51:53.6	69:33:13	300	90	3.0	#6 AGN Monitor	4	
0064.N5548	180	6:00	14:17:59.6	+25:08:12	300	65	3.0	#6 AGN Monitor	4	
0065.N5548	180	6:03	14:17:59.6	+25:08:12	300	65	3.0	#6 AGN Monitor	4	
0066.COMP	5	6:06	14:17:59.6	+25:08:12	300	65	3.0	#6 AGN Monitor	4	
0067.N5846	210	6:07	15:03:56.9	+01:47:53	300	65	3.0	#57 Velocity S	4	
0068.COMP	5	6:11	15:03:56.9	+01:47:53	300	65	3.0	#57 Velocity S	4	
0069.BDp332642	150	6:12	15:50:03	33:05:49	300	90	3.0	#56 Spectropho	2	
0070.BDp332642	150	6:15	15:50:03	33:05:49	300	90	3.0	#56 Spectropho	2	
0071.COMP	10	6:18	15:50:03	33:05:49	300	90	3.0	#56 Spectropho	2	
0072.2M142122.5p350407	900	6:20	14:21:22.5	+35:04:07	300	90	3.0	#146 SIRTF	4	
0073.COMP	5	6:36	14:21:22.5	+35:04:07	300	90	3.0	#146 SIRTF	4	
0074.2M142138.0p353901	600	6:36	14:21:38.0	+35:39:01	300	90	3.0	#146 SIRTF	4	
0075.COMP	5	6:47	14:21:38.0	+35:39:01	300	90	3.0	#146 SIRTF	4	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0076.2M142141.7p323415	900	6:48	14:21:41.7	+32:34:15	300	90	3.0	#146 SIRTF	4	
0077.COMP	5	7:03	14:21:41.7	+32:34:15	300	90	3.0	#146 SIRTF	4	
0078.2M142144.8p342728	900	7:04	14:21:44.8	+34:27:28	300	90	3.0	#146 SIRTF	4	
0079.COMP	5	7:19	14:21:44.8	+34:27:28	300	90	3.0	#146 SIRTF	4	
0080.2M142212.1p354752	720	7:20	14:22:12.1	+35:47:52	300	90	3.0	#146 SIRTF	4	
0081.COMP	5	7:33	14:22:12.1	+35:47:52	300	90	3.0	#146 SIRTF	4	
0082.Chandra_SNA003	1200	7:33	14:35:30.2	35:24:08	300	90	3.0	#146 SIRTF/NOA	4	
0083.COMP	5	7:54	14:35:30.2	35:24:08	300	90	3.0	#146 SIRTF/NOA	4	
0084.snvar	1200	8:20	17:44:07.7	+40:52:51	300	-10	3.0	#2 SN Observat	2	
0085.COMP	10	8:40	17:44:07.7	+40:52:51	300	-10	3.0	#2 SN Observat	2	
0086.mcg073633	300	8:41	17:44:07.7	+40:52:51	300	30	3.0	#2 SN Observat	2	
0087.COMP	10	8:47	17:44:07.7	+40:52:51	300	30	3.0	#2 SN Observat	2	
0088.161312p19010.b	1200	8:55	16:15:8.5	18:57:28	300	90	3.0	#113 Interacti	2	
0089.COMP	10	9:15	16:15:8.5	18:57:28	300	90	3.0	#113 Interacti	2	
0090.161312p19010.b	1200	9:16	16:15:8.5	18:57:28	300	90	3.0	#113 Interacti	2	
0091.COMP	10	9:36	16:15:8.5	18:57:28	300	90	3.0	#113 Interacti	2	
0092.162936p43270.b	1200	9:37	16:31:36.8	43:23:5	300	90	3.0	#113 Interacti	2	
0093.COMP	10	9:58	16:31:36.8	43:23:5	300	90	3.0	#113 Interacti	2	
0094.RS0ph	10	10:00	17:50:13	-06:42:30	300	32	3.0	#12 Symbiotic	4	
0095.RS0ph	60	10:00	17:50:13	-06:42:30	300	32	3.0	#12 Symbiotic	4	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0096.RS0ph	150	10:01	17:50:13	-06:42:30	300	32	3.0	#12 Symbiotic	4	
0097.COMP	5	10:04	17:50:13	-06:42:30	300	32	3.0	#12 Symbiotic	4	
0098.3C390.3	420	10:07	18:42:09.1	79:46:17	300	90	3.0	#6 AGN Monitor	4	
0099.3C390.3	420	10:14	18:42:09.1	79:46:17	300	90	3.0	#6 AGN Monitor	4	
0100.COMP	5	10:21	18:42:09.1	79:46:17	300	90	3.0	#6 AGN Monitor	4	
0101.2M17552131p8743448	420	10:22	17:55:21.3	+87:43:44	300	90	3.0	#68 2MASS Reds	4	
0102.COMP	5	10:29	17:55:21.3	+87:43:44	300	90	3.0	#68 2MASS Reds	4	
0103.2M17480679m0546557	720	10:32	17:48:06.7	-05:46:55	300	90	3.0	#68 2MASS Reds	4	hmmm
0104.COMP	5	10:44	17:48:06.7	-05:46:55	300	90	3.0	#68 2MASS Reds	4	
0105.2M17552790m0001525	600	10:45	17:55:27.9	-00:01:52	300	90	3.0	#68 2MASS Reds	4	
0106.COMP	5	10:55	17:55:27.9	-00:01:52	300	90	3.0	#68 2MASS Reds	4	
0107.2M17562163p0543258	420	10:56	17:56:21.6	+05:43:25	300	90	3.0	#68 2MASS Reds	4	
0108.COMP	5	11:04	17:56:21.6	+05:43:25	300	90	3.0	#68 2MASS Reds	4	
0109.HD192281	6	11:05	20:10:46.8	40:07:01	300	90	3.0	#56 Spectropho	2	
0110.HD192281	6	11:05	20:10:46.8	40:07:01	300	90	3.0	#56 Spectropho	2	
0111.HD192281	6	11:06	20:10:46.8	40:07:01	300	90	3.0	#56 Spectropho	2	
0112.HD192281	6	11:06	20:10:46.8	40:07:01	300	90	3.0	#56 Spectropho	2	
0113.COMP	10	11:07	20:10:46.8	40:07:01	300	90	3.0	#56 Spectropho	2	
0114.BDp284211	180	11:08	21:48:57.1	28:37:48	300	100	3.0	#56 Spectropho	2	
0115.BDp284211	180	11:11	21:48:57.1	28:37:48	300	100	3.0	#56 Spectropho	2	

UT Date 2003-06-06 Observ BerlindColl. Focus 820 Grating/Grism 300

<i>File</i>	<i>Exp Time t</i>	<i>RA</i>	<i>Dec</i>	<i>Gr.</i>	<i>P.A.</i>	<i>Slit</i>	<i>Program</i>	<i>Bin</i>	<i>Comments</i>
0116.COMP	104	21:48:57.1	28:37:48	300	100	3.0	#56 Spectropho	2	
0117-0126.BIAS	07	21:48:57.1	28:37:48	300	100	3.0	#2 SN Observat	4	
0127-0136.FLAT	80	21:48:57.1	28:37:48	300	100	3.0	#2 SN Observat	4	
0137-0146.BIAS	03	21:48:57.1	28:37:48	300	100	3.0	#2 SN Observat	2	
0147-0156.FLAT	168	21:48:57.1	28:37:48	300	90	3.0	#2 SN Observat	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001.DARK	900	1:40	11:31:34.3	+31:31:19	300	90	3.0	none	4	
0002-0003.DARK	900	2:10	12:01:51.9	+31:31:20	300	90	3.0	none	4	
0004.DARK	900	2:25	12:17:02.3	+31:31:21	300	90	3.0	none	4	
0005-0014.BIAS	0	2:50	12:26:58.6	+31:31:21	300	90	3.0	none	4	
0015-0024.FLAT	6	2:56	12:32:39.0	+31:31:21	300	90	3.0	none	4	
0025-0034.BIAS	0	2:58	12:35:12.1	+31:31:21	300	90	3.0	none	2	
0035-0044.FLAT	12	3:03	12:39:48.5	+31:31:21	300	90	3.0	none	2	
0045.Feige34	120	3:28	10:36:41.2	43:21:50	300	90	3.0	#56 Spectropho	4	
0046.COMP	5	3:30	10:36:41.2	43:21:50	300	90	3.0	#56 Spectropho	4	
0047.Feige34	120	3:32	10:36:41.2	43:21:50	300	90	3.0	#56 Spectropho	2	
0048.COMP	12	3:34	10:36:41.2	43:21:50	300	90	3.0	#56 Spectropho	2	
0049.Feige34	120	3:35	10:36:41.2	43:21:50	300	98	3.0	#56 Spectropho	2	
0050.COMP	12	3:38	10:36:41.2	43:21:50	300	98	3.0	#56 Spectropho	2	
0051.sn2003ez	1200	3:43	12:43:11.8	-02:30:04	300	13	3.0	#2 SN Observat	2	
0052.COMP	12	4:03	12:43:11.8	-02:30:04	300	13	3.0	#2 SN Observat	2	
0053.MRK421	300	4:07	11:04:27.4	+38:12:32	300	90	3.0	#133 MRK421 an	2	
0054.MRK421	300	4:12	11:04:27.4	+38:12:32	300	90	3.0	#133 MRK421 an	2	
0055.MRK421	300	4:17	11:04:27.4	+38:12:32	300	90	3.0	#133 MRK421 an	2	
0056.COMP	12	4:23	11:04:27.4	+38:12:32	300	90	3.0	#133 MRK421 an	2	
0057.150418p21540_d	1200	4:25	15:6:38.4	21:42:30	300	90	3.0	#113 Interacti	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0058.COMP	12	4:46	15:6:38.4	21:42:30	300	90	3.0	#113 Interacti	2	
0059.153248p23400_b	1200	4:49	15:34:53.6	23:28:17	300	90	3.0	#113 Interacti	2	row=79
0060.COMP	12	5:10	15:34:53.6	23:28:17	300	90	3.0	#113 Interacti	2	
0061.f249	1020	5:18	13:16:14.7	+41:29:41	300	80	3.0	#135 Starburst	2	
0062.COMP	12	5:35	13:16:14.7	+41:29:41	300	80	3.0	#135 Starburst	2	
0063.f249a	1020	5:38	13:16:06.7	+41:30:03	300	-24	3.0	#135 Starburst	2	
0064.COMP	12	5:55	13:16:06.7	+41:30:03	300	-24	3.0	#135 Starburst	2	
0065.f250	1200	5:57	13:20:35.4	+34:08:22	300	-30	3.0	#135 Starburst	2	
0066.COMP	12	6:17	13:20:35.4	+34:08:22	300	-30	3.0	#135 Starburst	2	
0067.f251	900	6:20	13:21:23.1	+00:20:32	300	-15	3.0	#135 Starburst	2	
0068.COMP	12	6:35	13:21:23.1	+00:20:32	300	-15	3.0	#135 Starburst	2	
0069.f253	1200	6:38	13:38:16.8	+27:46:18	300	50	3.0	#135 Starburst	2	
0070.COMP	12	6:58	13:38:16.8	+27:46:18	300	50	3.0	#135 Starburst	2	
0071.f254	1200	7:01	13:38:25.5	+33:07:03	300	95	3.0	#135 Starburst	2	
0072.COMP	12	7:21	13:38:25.5	+33:07:03	300	95	3.0	#135 Starburst	2	
0073.TCrB	15	7:24	15:59:30	25:55:12	300	90	3.0	#12 Symbiotic	2	
0074.TCrB	60	7:25	15:59:30	25:55:12	300	90	3.0	#12 Symbiotic	2	
0075.COMP	12	7:26	15:59:30	25:55:12	300	90	3.0	#12 Symbiotic	2	
0076.AGDra	2	7:28	16:01:41	66:48:10	300	90	3.0	#12 Symbiotic	2	
0077.AGDra	15	7:29	16:01:41	66:48:10	300	90	3.0	#12 Symbiotic	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0078.AGDra	45	7:29	16:01:41	66:48:10	300	90	3.0	#12 Symbiotic	2	
0079.COMP	12	7:30	16:01:41	66:48:10	300	90	3.0	#12 Symbiotic	2	
0080.DracoC1	1200	7:32	17:19:58	57:50:06	300	90	3.0	#12 Symbiotic	2	
0081.COMP	12	7:52	17:19:58	57:50:06	300	90	3.0	#12 Symbiotic	2	
0082.sn2003fa	1200	7:56	17:44:07.7	+40:52:51	300	15	3.0	#2 SN Observat	2	
0083.COMP	12	8:17	17:44:07.7	+40:52:51	300	15	3.0	#2 SN Observat	2	
0084.RSOph	10	8:26	17:50:13	-06:42:30	300	90	3.0	#12 Symbiotic	2	
0085.RSOph	60	8:27	17:50:13	-06:42:30	300	90	3.0	#12 Symbiotic	2	
0086.RSOph	150	8:28	17:50:13	-06:42:30	300	90	3.0	#12 Symbiotic	2	
0087.COMP	12	8:31	17:50:13	-06:42:30	300	90	3.0	#12 Symbiotic	2	
0088.YYHer	10	8:33	18:14:34	20:59:19	300	90	3.0	#12 Symbiotic	2	
0089.YYHer	60	8:33	18:14:34	20:59:19	300	90	3.0	#12 Symbiotic	2	
0090.COMP	12	8:35	18:14:34	20:59:19	300	90	3.0	#12 Symbiotic	2	
0091.V443Her	5	8:36	18:22:07	23:27:20	300	90	3.0	#12 Symbiotic	2	
0092.V443Her	45	8:36	18:22:07	23:27:20	300	90	3.0	#12 Symbiotic	2	
0093.V443Her	90	8:37	18:22:07	23:27:20	300	90	3.0	#12 Symbiotic	2	
0094.COMP	12	8:39	18:22:07	23:27:20	300	90	3.0	#12 Symbiotic	2	
0095.3C390.3	360	8:43	18:42:09.1	79:46:17	300	90	3.0	#6 AGN Monitor	2	
0096.3C390.3	360	8:49	18:42:09.1	79:46:17	300	90	3.0	#6 AGN Monitor	2	
0097.COMP	12	8:56	18:42:09.1	79:46:17	300	90	3.0	#6 AGN Monitor	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0098.a2199k_058	1200	9:07	16:37:01.3	34:31:47	300	90	3.0	#64 Cluster In	2	
0099.COMP	12	9:28	16:37:01.3	34:31:47	300	90	3.0	#64 Cluster In	2	
0100.a2199k_059	1080	9:30	16:55:25.8	39:49:34	300	90	3.0	#64 Cluster In	2	
0101.COMP	12	9:48	16:55:25.8	39:49:34	300	90	3.0	#64 Cluster In	2	
0102.a2199k_060	780	9:50	16:57:08.5	39:10:58	300	90	3.0	#64 Cluster In	2	
0103.COMP	12	10:03	16:57:08.5	39:10:58	300	90	3.0	#64 Cluster In	2	
0104.a2199k_061	780	10:05	16:07:53.2	42:29:42	300	90	3.0	#64 Cluster In	2	
0105.COMP	12	10:19	16:07:53.2	42:29:42	300	90	3.0	#64 Cluster In	2	
0106.a2199k_062	780	10:21	16:29:11.0	43:55:15	300	90	3.0	#64 Cluster In	2	row=78
0107.COMP	12	10:35	16:29:11.0	43:55:15	300	90	3.0	#64 Cluster In	2	
0108.a2199k_063	960	10:37	16:16:33.2	35:03:23	300	90	3.0	#64 Cluster In	2	
0109.COMP	12	10:53	16:16:33.2	35:03:23	300	90	3.0	#64 Cluster In	2	
0110.a2199k_064	840	10:55	16:49:24.8	39:21:29	300	90	3.0	#64 Cluster In	2	
0111.COMP	12	11:09	16:49:24.8	39:21:29	300	90	3.0	#64 Cluster In	2	
0112.N7331	180	11:12	22:34:46.9	+34:09:43	300	90	3.0	#57 Velocity S	2	
0113.COMP	12	11:15	22:34:46.9	+34:09:43	300	90	3.0	#57 Velocity S	2	
0114.BDp284211	90	11:16	21:48:57.1	28:37:48	300	90	3.0	#56 Spectropho	2	
0115.COMP	12	11:18	21:48:57.1	28:37:48	300	90	3.0	#56 Spectropho	2	
0116.BDp284211	60	11:20	21:48:57.1	28:37:48	300	90	3.0	#56 Spectropho	2	
0117.COMP	12	11:21	21:48:57.1	28:37:48	300	90	3.0	#56 Spectropho	2	

UT Date 2003-06-07 Obsen CalkinsColl. Focus 820 Grating/Grism 300

File	Exp Time t	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0118-0122.sky	21	21:48:57.1	28:37:48	300	90	3.0	#57 Velocity S	4	
0123.COMP	51	21:48:57.1	28:37:48	300	90	3.0	#57 Velocity S	4	
0124-0133.BIAS	03	21:48:57.1	28:37:48	300	90	3.0	#57 Velocity S	4	
0134-0143.FLAT	66	21:48:57.1	28:37:48	300	90	3.0	#57 Velocity S	4	
0144-0153.BIAS	08	21:48:57.1	28:37:48	300	90	3.0	#57 Velocity S	2	
0154-0163.FLAT	123	21:48:57.1	28:37:48	300	90	3.0	#57 Velocity S	2	
0164-0173.DARK	9001	21:48:57.1	28:37:48	300	90	3.0	#57 Velocity S	2	

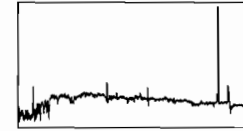
172 DARK IS HIGHER THAN OTHERS - would have
discarded it but did not dark subtract
anyway. Maybe mean of combined darks
about 5 instead of 0.5.

UT Date 2003-06-08 Observers M CalkinsColl. Focus 820 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001-0010.DARK	900	0:51	21:48:57.1	28:37:48	300	90	3.0	#57 Velocity S	4	
0011-0020.BIAS	0	2:00	21:48:57.1	28:37:48	300	90	3.0	#57 Velocity S	4	
0021-0030.FLAT	6	2:03	21:48:57.1	28:37:48	300	90	3.0	#57 Velocity S	4	
0031-0040.BIAS	0	2:06	21:48:57.1	28:37:48	300	90	3.0	#57 Velocity S	2	
0041-0050.FLAT	12	2:10	21:48:57.1	28:37:48	300	90	3.0	#57 Velocity S	2	
0051-0055.sky	2	2:53	21:48:57.1	28:37:48	300	90	3.0	#57 Velocity S	4	
0056.COMP	5	2:53	21:48:57.1	28:37:48	300	90	3.0	#57 Velocity S	4	
0057.Feige34	120	3:31	10:36:41.2	43:21:50	300	90	3.0	#56 Spectropho	4	
0058.COMP	5	3:33	10:36:41.2	43:21:50	300	90	3.0	#56 Spectropho	4	
0059.Feige34	120	3:35	10:36:41.2	43:21:50	300	90	3.0	#56 Spectropho	2	
0060.COMP	12	3:37	10:36:41.2	43:21:50	300	90	3.0	#56 Spectropho	2	
0061.Feige34	120	3:39	10:36:41.2	43:21:50	300	97	3.0	#56 Spectropho	2	
0062.COMP	12	3:42	10:36:41.2	43:21:50	300	97	3.0	#56 Spectropho	2	
0063.f255	900	3:51	13:41:12.0	+01:46:47	300	90	3.0	#135 Starburst	2	
0064.f255	900	4:06	13:41:12.0	+01:46:47	300	90	3.0	#135 Starburst	2	
0065.COMP	12	4:22	13:41:12.0	+01:46:47	300	90	3.0	#135 Starburst	2	
0066.f256	1200	4:24	13:41:07.9	+23:16:55	300	-5	3.0	#135 Starburst	2	
0067.COMP	12	4:44	13:41:07.9	+23:16:55	300	-5	3.0	#135 Starburst	2	
0068.f256a	1020	4:46	13:41:09.4	+23:16:40	300	90	3.0	#135 Starburst	2	
0069.f256a	1020	5:04	13:41:09.4	+23:16:40	300	90	3.0	#135 Starburst	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0070.COMP	12	5:21	13:41:09.4	+23:16:40	300	90	3.0	#135 Starburst	2	
0071.f264	1200	5:24	14:00:31.1	+08:53:59	300	90	3.0	#135 Starburst	2	
0072.COMP	12	5:45	14:00:31.1	+08:53:59	300	90	3.0	#135 Starburst	2	
0073.f265	900	5:47	14:02:03.5	+09:55:46	300	0	3.0	#135 Starburst	2	
0074.COMP	12	6:02	14:02:03.5	+09:55:46	300	0	3.0	#135 Starburst	2	
0075.f268	1080	6:04	14:06:09.3	+02:19:51	300	100	3.0	#135 Starburst	2	
0076.COMP	12	6:23	14:06:09.3	+02:19:51	300	100	3.0	#135 Starburst	2	
0077.f273	900	6:25	14:19:43.2	+49:14:12	300	90	3.0	#135 Starburst	2	
0078.COMP	12	6:40	14:19:43.2	+49:14:12	300	90	3.0	#135 Starburst	2	
0079.sn2003fa	1200	6:48	17:44:07.7	+40:52:51	300	66	3.0	#2 SN Observat	2	
0080.COMP	12	7:09	17:44:07.7	+40:52:51	300	66	3.0	#2 SN Observat	2	
0081.FineFoc	60	7:12	16:56:22.7	31:00:40	300	90	3.0	#135 Starburst	1	
0082.BDp332642	240	7:21	15:50:03	33:05:49	600	90	2.0	#122 Halo Star	4	600L, 2 arcsec, tilt=430
0083.COMP	10	7:26	15:50:03	33:05:49	600	90	2.0	#122 Halo Star	4	
0084.hs1358	900	7:28	16:26:22.9	56:48:12	600	90	2.0	#122 Halo Star	4	
0085.COMP	10	7:45	16:26:22.9	56:48:12	600	90	2.0	#122 Halo Star	4	
0086.hs1342	900	7:46	16:11:51.4	59:52:31	600	90	2.0	#122 Halo Star	4	
0087.hs1342	900	8:02	16:11:51.4	59:52:31	600	90	2.0	#122 Halo Star	4	
0088.COMP	10	8:17	16:11:51.4	59:52:31	600	90	2.0	#122 Halo Star	4	
0089.hs1346	1200	8:18	16:17:58.0	59:05:23	600	90	2.0	#122 Halo Star	4	



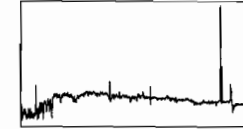
UT Date 2003-06-08 Observers M Calkins

Coll. Focus 820 Grating/Grism 300

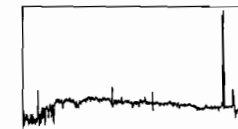
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0090.COMP	10	8:38	16:17:58.0	59:05:23	600	90	2.0	#122 Halo Star	4	
0091.hs1357	900	8:39	16:26:12.6	59:58:31	600	90	2.0	#122 Halo Star	4	
0092.hs1357	900	8:54	16:26:12.6	59:58:31	600	90	2.0	#122 Halo Star	4	
0093.COMP	10	9:10	16:26:12.6	59:58:31	600	90	2.0	#122 Halo Star	4	
0094.hs1359	1020	9:12	16:26:31.0	65:34:46	600	90	2.0	#122 Halo Star	4	
0095.COMP	10	9:29	16:26:31.0	65:34:46	600	90	2.0	#122 Halo Star	4	
0096.hs1360	1020	9:30	16:28:28.0	63:02:37	600	90	2.0	#122 Halo Star	4	
0097.COMP	10	9:48	16:28:28.0	63:02:37	600	90	2.0	#122 Halo Star	4	
0098.hs1361	780	9:49	16:29:01.3	55:47:00	600	90	2.0	#122 Halo Star	4	
0099.hs1361	780	10:02	16:29:01.3	55:47:00	600	90	2.0	#122 Halo Star	4	
0100.COMP	10	10:15	16:29:01.3	55:47:00	600	90	2.0	#122 Halo Star	4	
0101.hs1362	1020	10:16	16:29:21.9	62:09:27	600	90	2.0	#122 Halo Star	4	
0102.COMP	10	10:34	16:29:21.9	62:09:27	600	90	2.0	#122 Halo Star	4	
0103.hs1363	900	10:35	16:29:31.3	63:41:52	600	90	2.0	#122 Halo Star	4	
0104.COMP	10	10:50	16:29:31.3	63:41:52	600	90	2.0	#122 Halo Star	4	
0105.hs1371	900	10:52	16:38:50.8	56:17:48	600	90	2.0	#122 Halo Star	4	
0106.COMP	10	11:07	16:38:50.8	56:17:48	600	90	2.0	#122 Halo Star	4	
0107.BDp284211	90	11:12	21:48:57.1	28:37:48	600	90	2.0	#56 Spectropho	4	
0108.COMP	10	11:14	21:48:57.1	28:37:48	600	90	2.0	#56 Spectropho	4	
0109-0118.BIAS	0	11:17	21:48:57.1	28:37:48	600	90	2.0	#122 Halo Star	4	

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File	Exp Time	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0119-0128.FLAT	405	21:48:57.1	28:37:48	600	90	2.0	#122 Halo Star	4	
0129-0138.DARK	900	21:48:57.1	28:37:48	300	90	3.0	none	2	

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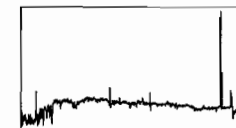
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001-0010.DARK	900	1:26	21:48:57.1	28:37:48	300	90	3.0	none	4	
0011-0020.BIAS	0	2:07	21:48:57.1	28:37:48	300	90	3.0	none	4	
0021-0030.FLAT	6	2:15	21:48:57.1	28:37:48	300	90	3.0	none	4	
0031-0040.BIAS	0	2:17	21:48:57.1	28:37:48	300	90	3.0	none	2	
0041-0050.FLAT	12	2:21	21:48:57.1	28:37:48	300	90	3.0	none	2	
0051-0055.sky	2	2:53	21:48:57.1	28:37:48	300	90	3.0	#57 Velocity S	4	
0056.COMP	5	2:54	21:48:57.1	28:37:48	300	90	3.0	#57 Velocity S	4	
0057.MRK421	300	3:26	11:04:27.4	+38:12:32	300	90	3.0	#133 MRK421 an	2	clouds and moon....
0058.MRK421	300	3:31	11:04:27.4	+38:12:32	300	90	3.0	#133 MRK421 an	2	
0059.MRK421	300	3:36	11:04:27.4	+38:12:32	300	90	3.0	#133 MRK421 an	2	
0060.COMP	12	3:42	11:04:27.4	+38:12:32	300	90	3.0	#133 MRK421 an	2	
0061.MRK110	600	3:43	09:25:12.9	+52:17:10	300	90	3.0	#6 AGN Monitor	2	
0062.COMP	12	3:54	09:25:12.9	+52:17:10	300	90	3.0	#6 AGN Monitor	2	
0063.N3227	180	3:56	10:23:30.6	+19:51:54	300	90	3.0	#6 AGN Monitor	2	
0064.N3227	180	3:59	10:23:30.6	+19:51:54	300	90	3.0	#6 AGN Monitor	2	
0065.COMP	12	4:02	10:23:30.6	+19:51:54	300	90	3.0	#6 AGN Monitor	2	
0066.MRK279	180	4:11	13:51:53.6	69:33:13	300	90	3.0	#6 AGN Monitor	2	
0067.MRK279	180	4:14	13:51:53.6	69:33:13	300	90	3.0	#6 AGN Monitor	2	
0068.COMP	12	4:18	13:51:53.6	69:33:13	300	90	3.0	#6 AGN Monitor	2	
0069.N5548	180	4:41	14:17:59.6	+25:08:12	300	90	3.0	#6 AGN Monitor	2	

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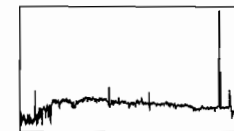
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0070.N5548	180	4:44	14:17:59.6	+25:08:12	300	90	3.0	#6 AGN Monitor	2	
0071.COMP	12	4:47	14:17:59.6	+25:08:12	300	90	3.0	#6 AGN Monitor	2	
0072.N5548	180	4:58	14:17:59.6	+25:08:12	300	90	3.0	#6 AGN Monitor	2	
0073.N5548	180	5:01	14:17:59.6	+25:08:12	300	90	3.0	#6 AGN Monitor	2	
0074.COMP	12	5:05	14:17:59.6	+25:08:12	300	90	3.0	#6 AGN Monitor	2	wait out clouds
0075.sn2003du	1200	6:45	14:34:35.8	59:20:03	300	-47	3.0	#2 SN Observat	2	
0076.COMP	12	7:06	14:34:35.8	59:20:03	300	-47	3.0	#2 SN Observat	2	
0077.sn2003fa	900	8:44	17:44:07.7	+40:52:51	300	-25	3.0	#2 SN Observat	2	in and out of clouds
0078.sn2003fa	900	8:59	17:44:07.7	+40:52:51	300	-25	3.0	#2 SN Observat	2	
0079.COMP	12	9:15	17:44:07.7	+40:52:51	300	-25	3.0	#2 SN Observat	2	
0080.a2199k_065	900	9:18	16:55:34.0	39:15:04	300	90	3.0	#64 Cluster In	2	
0081.COMP	12	9:34	16:55:34.0	39:15:04	300	90	3.0	#64 Cluster In	2	
0082.a2199k_066	840	9:35	16:35:20.6	44:42:56	300	90	3.0	#64 Cluster In	2	
0083.COMP	12	9:49	16:35:20.6	44:42:56	300	90	3.0	#64 Cluster In	2	wait out clouds
0084.a2199k_067	1200	10:18	16:39:01.0	40:56:42	300	90	3.0	#64 Cluster In	2	
0085.COMP	12	10:39	16:39:01.0	40:56:42	300	90	3.0	#64 Cluster In	2	
0086.BDp284211	90	10:43	21:48:57.1	28:37:48	300	90	3.0	#56 Spectropho	2	
0087.COMP	12	10:45	21:48:57.1	28:37:48	300	90	3.0	#56 Spectropho	2	
0088.BDp284211	100	10:47	21:48:57.1	28:37:48	300	104	3.0	#56 Spectropho	2	In and out of clouds
0089.COMP	12	10:49	21:48:57.1	28:37:48	300	104	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>
0090.BFCyg	1	11:00	19:23:53	29:40:27	300	90	3.0	#12 Symbiotic	2	
0091.BFCyg	80	11:00	19:23:53	29:40:27	300	90	3.0	#12 Symbiotic	2	
0092.BFCyg	6	11:02	19:23:53	29:40:27	300	90	3.0	#12 Symbiotic	2	
0093.COMP	12	11:03	19:23:53	29:40:27	300	90	3.0	#12 Symbiotic	2	
0094.CHCyg	1	11:04	19:24:33	50:14:30	300	90	3.0	#12 Symbiotic	2	
0095.CHCyg	5	11:04	19:24:33	50:14:30	300	90	3.0	#12 Symbiotic	2	
0096.CHCyg	30	11:04	19:24:33	50:14:30	300	90	3.0	#12 Symbiotic	2	
0097.COMP	12	11:05	19:24:33	50:14:30	300	90	3.0	#12 Symbiotic	2	clouds win...
0098-0107.BIAS	0	11:13	19:50:12	35:41:02	300	90	3.0	#2 SN Observat	4	
0108-0117.FLAT	6	11:16	19:50:12	35:41:02	300	90	3.0	#2 SN Observat	4	
0118-0127.BIAS	0	11:19	19:50:12	35:41:02	300	90	3.0	#2 SN Observat	2	
0128-0137.FLAT	12	11:23	19:50:12	35:41:02	300	90	3.0	#2 SN Observat	2	
0138-0147.DARK	900	13:40	19:50:12	35:41:02	300	90	3.0	#2 SN Observat	2	

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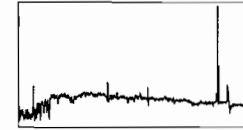
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001-0002.DARK	900	2:10	12:56:41.4	+31:31:19	300	90	3.0	#2 SN Observat	4	
0003.DARK	900	2:25	13:11:52.3	+31:31:18	300	90	3.0	#2 SN Observat	4	
0004.DARK	900	2:40	13:26:59.9	+31:31:17	300	90	3.0	#2 SN Observat	4	
0005-0011.BIAS	0	3:12	13:43:40.1	+31:32:31	300	90	3.0	#2 SN Observat	4	
0012-0014.BIAS	0	3:12	13:44:01.5	+31:32:30	300	90	3.0	#2 SN Observat	4	
0015-0024.FLAT	6	3:15	13:47:00.0	+31:32:30	300	90	3.0	#2 SN Observat	4	
0025-0034.BIAS	0	3:18	13:49:50.2	+31:32:30	300	90	3.0	#2 SN Observat	2	
0035-0044.FLAT	12	3:22	13:54:05.2	+31:32:30	300	90	3.0	#2 SN Observat	2	
0045.Feige34	120	3:35	10:36:41.2	43:21:50	300	90	3.0	#56 Spectropho	4	
0046.COMP	5	3:37	10:36:41.2	43:21:50	300	90	3.0	#56 Spectropho	4	
0047.Feige34	120	3:43	10:36:41.2	43:21:50	300	90	3.0	#56 Spectropho	2	
0048.COMP	12	3:46	10:36:41.2	43:21:50	300	90	3.0	#56 Spectropho	2	
0049.sn2003fd	900	3:55	13:41:43.7	+40:52:38	300	-47	3.0	#2 SN Observat	2	
0050.sn2003fd	900	4:11	13:41:43.7	+40:52:38	300	-47	3.0	#2 SN Observat	2	
0051.COMP	12	4:26	13:41:43.7	+40:52:38	300	-47	3.0	#2 SN Observat	2	
0052.N4051	150	4:29	12:03:09.7	+44:31:53	300	90	3.0	#6 AGN Monitor	2	
0053.N4051	150	4:32	12:03:09.7	+44:31:53	300	90	3.0	#6 AGN Monitor	2	
0054.N4051	150	4:35	12:03:09.7	+44:31:53	300	90	3.0	#6 AGN Monitor	2	
0055.COMP	12	4:37	12:03:09.7	+44:31:53	300	90	3.0	#6 AGN Monitor	2	
0056.N4151	30	4:39	12:10:32.6	+39:24:21	300	90	3.0	#6 AGN Monitor	2	

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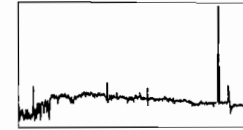
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0057.N4151	30	4:40	12:10:32.6	+39:24:21	300	90	3.0	#6 AGN Monitor	2	
0058.COMP	12	4:41	12:10:32.6	+39:24:21	300	90	3.0	#6 AGN Monitor	2	
0059.M87	180	4:43	12:30:49.4	12:23:28	300	90	3.0	#6 AGN Monitor	2	
0060.M87	180	4:46	12:30:49.4	12:23:28	300	90	3.0	#6 AGN Monitor	2	
0061.COMP	12	4:49	12:30:49.4	12:23:28	300	90	3.0	#6 AGN Monitor	2	
0062.MRK279	120	4:52	13:51:53.6	69:33:13	300	90	3.0	#6 AGN Monitor	2	
0063.MRK279	120	4:54	13:51:53.6	69:33:13	300	90	3.0	#6 AGN Monitor	2	
0064.COMP	12	4:57	13:51:53.6	69:33:13	300	90	3.0	#6 AGN Monitor	2	
0065.N5548	150	4:59	14:17:59.6	+25:08:12	300	90	3.0	#6 AGN Monitor	2	
0066.N5548	150	5:02	14:17:59.6	+25:08:12	300	90	3.0	#6 AGN Monitor	2	
0067.N5548	150	5:04	14:17:59.6	+25:08:12	300	90	3.0	#6 AGN Monitor	2	
0068.COMP	12	5:07	14:17:59.6	+25:08:12	300	90	3.0	#6 AGN Monitor	2	
0069.TXCVn	10	5:09	12:44:42	36:45:48	300	90	3.0	#12 Symbiotic	2	
0070.TXCVn	30	5:09	12:44:42	36:45:48	300	90	3.0	#12 Symbiotic	2	
0071.COMP	12	5:10	12:44:42	36:45:48	300	90	3.0	#12 Symbiotic	2	
0072.RWHya	2	5:12	13:34:18	-25:22:51	300	90	3.0	#12 Symbiotic	2	
0073.RWHya	10	5:13	13:34:18	-25:22:51	300	90	3.0	#12 Symbiotic	2	
0074.RWHya	20	5:13	13:34:18	-25:22:51	300	90	3.0	#12 Symbiotic	2	
0075.COMP	12	5:14	13:34:18	-25:22:51	300	90	3.0	#12 Symbiotic	2	
0076.TCrB	15	5:16	15:59:30	25:55:12	300	90	3.0	#12 Symbiotic	2	

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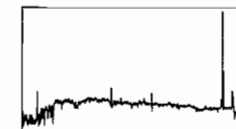
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0077.TCrB	60	5:16	15:59:30	25:55:12	300	90	3.0	#12 Symbiotic	2	
0078.COMP	12	5:18	15:59:30	25:55:12	300	90	3.0	#12 Symbiotic	2	
0079.AGDra	2	5:20	16:01:41	66:48:10	300	90	3.0	#12 Symbiotic	2	
0080.AGDra	15	5:21	16:01:41	66:48:10	300	90	3.0	#12 Symbiotic	2	
0081.AGDra	45	5:21	16:01:41	66:48:10	300	90	3.0	#12 Symbiotic	2	
0082.COMP	12	5:22	16:01:41	66:48:10	300	90	3.0	#12 Symbiotic	2	
0083.BDp332642	90	5:26	15:50:03	33:05:49	300	-37	3.0	#56 Spectropho	2	
0084.COMP	12	5:28	15:50:03	33:05:49	300	-37	3.0	#56 Spectropho	2	
0085.140136p35590_b	900	5:35	14:3:56.4	35:48:20	300	90	3.0	#113 Interacti	2	
0086.140136p35590_b	900	5:50	14:3:56.4	35:48:20	300	90	3.0	#113 Interacti	2	
0087.COMP	12	6:06	14:3:56.4	35:48:20	300	90	3.0	#113 Interacti	2	
0088.140812p19510_c	900	6:08	14:10:16.2	19:39:47	300	90	3.0	#113 Interacti	2	
0089.140812p19510_c	900	6:23	14:10:16.2	19:39:47	300	90	3.0	#113 Interacti	2	
0090.COMP	12	6:39	14:10:16.2	19:39:47	300	90	3.0	#113 Interacti	2	
0091.160048p05470_b	1200	6:41	16:3:15.9	5:39:3	300	100	3.0	#113 Interacti	2	
0092.160048p05470_b	1200	7:01	16:3:15.9	5:39:3	300	100	3.0	#113 Interacti	2	
0093.COMP	12	7:22	16:3:15.9	5:39:3	300	100	3.0	#113 Interacti	2	
0094.sn2003fa	1200	7:30	17:44:07.7	+40:52:51	300	-21	3.0	#2 SN Observat	2	
0095.COMP	12	7:51	17:44:07.7	+40:52:51	300	-21	3.0	#2 SN Observat	2	
0096.RSOph	10	7:54	17:50:13	-06:42:30	300	90	3.0	#12 Symbiotic	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0097.RSOph	60	7:54	17:50:13	-06:42:30	300	90	3.0	#12 Symbiotic	2	
0098.RSOph	150	7:56	17:50:13	-06:42:30	300	90	3.0	#12 Symbiotic	2	
0099.COMP	12	7:59	17:50:13	-06:42:30	300	90	3.0	#12 Symbiotic	2	
0100.YYHer	10	8:01	18:14:34	20:59:19	300	90	3.0	#12 Symbiotic	2	
0101.YYHer	60	8:01	18:14:34	20:59:19	300	90	3.0	#12 Symbiotic	2	
0102.COMP	12	8:03	18:14:34	20:59:19	300	90	3.0	#12 Symbiotic	2	
0103.V443Her	5	8:04	18:22:07	23:27:20	300	90	3.0	#12 Symbiotic	2	
0104.V443Her	45	8:04	18:22:07	23:27:20	300	90	3.0	#12 Symbiotic	2	
0105.V443Her	90	8:05	18:22:07	23:27:20	300	90	3.0	#12 Symbiotic	2	
0106.COMP	12	8:07	18:22:07	23:27:20	300	90	3.0	#12 Symbiotic	2	
0107.3C390.3	360	8:09	18:42:09.1	79:46:17	300	90	3.0	#6 AGN Monitor	2	
0108.3C390.3	360	8:15	18:42:09.1	79:46:17	300	90	3.0	#6 AGN Monitor	2	
0109.COMP	12	8:22	18:42:09.1	79:46:17	300	90	3.0	#6 AGN Monitor	2	
0110.BFCyg	1	8:24	19:23:53	29:40:27	300	90	3.0	#12 Symbiotic	2	
0111.BFCyg	60	8:25	19:23:53	29:40:27	300	90	3.0	#12 Symbiotic	2	
0112.COMP	12	8:26	19:23:53	29:40:27	300	90	3.0	#12 Symbiotic	2	
0113.CHCyg	1	8:28	19:24:33	50:14:30	300	90	3.0	#12 Symbiotic	2	
0114.CHCyg	5	8:28	19:24:33	50:14:30	300	90	3.0	#12 Symbiotic	2	
0115.CHCyg	30	8:28	19:24:33	50:14:30	300	90	3.0	#12 Symbiotic	2	
0116.COMP	12	8:29	19:24:33	50:14:30	300	90	3.0	#12 Symbiotic	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0117.CICyg	2	8:31	19:50:12	35:41:02	300	90	3.0	#12 Symbiotic	2	
0118.CICyg	20	8:31	19:50:12	35:41:02	300	90	3.0	#12 Symbiotic	2	
0119.CICyg	60	8:31	19:50:12	35:41:02	300	90	3.0	#12 Symbiotic	2	
0120.COMP	12	8:35	19:50:12	35:41:02	300	90	3.0	#12 Symbiotic	2	
0121.a2199k_068	900	8:37	16:39:36.2	40:03:12	300	90	3.0	#64 Cluster In	2	
0122.COMP	12	8:53	16:39:36.2	40:03:12	300	90	3.0	#64 Cluster In	2	
0123.a2199k_069	1200	8:54	16:40:20.3	39:34:42	300	90	3.0	#64 Cluster In	2	
0124.COMP	12	9:15	16:40:20.3	39:34:42	300	90	3.0	#64 Cluster In	2	
0125.a2199k_070	780	9:16	16:21:28.1	40:12:12	300	90	3.0	#64 Cluster In	4	
0126.COMP	5	9:31	16:21:28.1	40:12:12	300	90	3.0	#64 Cluster In	4	
0127.a2199k_071	1200	9:33	16:26:50.2	43:34:02	300	90	3.0	#64 Cluster In	4	
0128.COMP	5	9:53	16:26:50.2	43:34:02	300	90	3.0	#64 Cluster In	4	
0129.a2199k_073	900	9:55	16:39:58.5	44:35:28	300	90	3.0	#64 Cluster In	4	
0130.COMP	5	10:10	16:39:58.5	44:35:28	300	90	3.0	#64 Cluster In	4	
0131.a2199k_074	1020	10:13	16:40:54.3	43:12:55	300	90	3.0	#64 Cluster In	4	
0132.COMP	5	10:30	16:40:54.3	43:12:55	300	90	3.0	#64 Cluster In	4	
0133.FineFoc	60	10:33	20:57:52.9	31:39:37	300	90	3.0	#2 SN Observat	1	
0134.2M17530077m0209054	1200	10:42	17:53:00.7	-02:09:05	300	90	3.0	#68 2MASS Reds	4	
0135.COMP	5	11:02	17:53:00.7	-02:09:05	300	90	3.0	#68 2MASS Reds	4	
0136.2M20475214p5937111	900	11:08	20:47:52.1	+59:37:11	300	90	3.0	#68 2MASS Reds	4	will get again...

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0137.COMP	5	11:24	20:47:52.1	+59:37:11	300	90	3.0	#68 2MASS Reds	4	
0138.BDp284211	60	11:25	21:48:57.1	28:37:48	300	90	3.0	#56 Spectropho	4	
0139.COMP	5	11:27	21:48:57.1	28:37:48	300	90	3.0	#56 Spectropho	4	
0140.BDp284211	60	11:28	21:48:57.1	28:37:48	300	90	3.0	#56 Spectropho	2	
0141.COMP	12	11:29	21:48:57.1	28:37:48	300	90	3.0	#56 Spectropho	2	
0142-0146.sky	2	11:53	21:48:57.1	28:37:48	300	90	3.0	#57 Velocity S	4	
0147.COMP	5	11:54	21:48:57.1	28:37:48	300	90	3.0	#57 Velocity S	4	
0148-0157.BIAS	0	11:55	21:48:57.1	28:37:48	300	90	3.0	#57 Velocity S	4	
0158-0167.FLAT	6	11:58	21:48:57.1	28:37:48	300	90	3.0	#57 Velocity S	4	
0168-0175.BIAS	0	12:00	21:48:57.1	28:37:48	300	90	3.0	#57 Velocity S	2	
0176-0177.BIAS	0	12:03	22:36:05.7	+31:29:38	300	90	3.0	#57 Velocity S	2	
0178-0185.FLAT	12	12:07	22:40:55.7	+31:29:38	300	90	3.0	#57 Velocity S	2	
0186-0187.FLAT	12	12:08	22:41:46.4	+31:29:37	300	90	3.0	#57 Velocity S	2	
0188.DARK	900	12:09	22:57:43.2	+31:29:36	300	90	3.0	#57 Velocity S	2	
0189.DARK	900	12:24	23:12:57.9	+31:29:35	300	90	3.0	#57 Velocity S	2	
0190.DARK	900	12:40	23:28:12.7	+31:29:34	300	90	3.0	#57 Velocity S	2	
0191-0196.DARK	900	14:11	00:59:42.0	+31:29:33	300	90	3.0	#57 Velocity S	2	
0197.DARK	900	14:26	01:14:57.8	+31:29:34	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
0001.DARK	900	22:24	09:14:34.1	+31:31:03	300	90	3.0	#57 Velocity S	4	
0002.DARK	900	22:40	09:29:44.5	+31:31:05	300	90	3.0	#57 Velocity S	4	
0003.DARK	900	22:55	09:44:51.6	+31:31:08	300	90	3.0	#57 Velocity S	4	
0004.DARK	900	23:10	10:00:02.5	+31:31:10	300	90	3.0	#57 Velocity S	4	
0005.DARK	900	23:25	10:15:09.3	+31:31:12	300	90	3.0	#57 Velocity S	4	
0006.DARK	900	23:40	10:30:19.8	+31:31:14	300	90	3.0	#57 Velocity S	4	
0007.DARK	900	23:55	10:45:29.8	+31:31:15	300	90	3.0	#57 Velocity S	4	
0008.DARK	900	0:10	11:00:39.7	+31:31:16	300	90	3.0	#57 Velocity S	4	
0009.DARK	900	0:25	11:15:49.9	+31:31:17	300	90	3.0	#57 Velocity S	4	
0010.DARK	900	0:40	11:30:57.9	+31:31:18	300	90	3.0	#57 Velocity S	4	
0011-0020.BIAS	0	1:05	11:40:11.9	+31:31:19	300	90	3.0	#57 Velocity S	4	
0021-0030.FLAT	6	1:07	11:42:44.8	+31:31:19	300	90	3.0	#57 Velocity S	4	
0031-0040.BIAS	0	1:11	11:46:04.8	+31:31:19	300	90	3.0	#57 Velocity S	2	
0041-0050.FLAT	12	1:15	11:50:37.6	+31:31:19	300	90	3.0	#57 Velocity S	2	
0051-0055.sky	2	2:44	13:20:06.1	+31:31:18	300	90	3.0	#57 Velocity S	2	
0056.COMP	12	2:45	13:20:52.8	+31:31:18	300	90	3.0	#57 Velocity S	2	
0057.BDp332642	90	3:26	15:50:03	33:05:49	300	90	3.0	#56 Spectropho	4	
0058.COMP	5	3:28	15:50:03	33:05:49	300	90	3.0	#56 Spectropho	4	
0059.BDp332642	90	3:29	15:50:03	33:05:49	300	90	3.0	#56 Spectropho	2	
0060.COMP	12	3:31	15:50:03	33:05:49	300	90	3.0	#56 Spectropho	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0061.N3227	150	3:34	10:23:30.6	+19:51:54	300	90	3.0	#6 AGN Monitor	2	
0062.N3227	150	3:37	10:23:30.6	+19:51:54	300	90	3.0	#6 AGN Monitor	2	
0063.COMP	12	3:40	10:23:30.6	+19:51:54	300	90	3.0	#6 AGN Monitor	2	
0064.MRK421	300	3:41	11:04:27.4	+38:12:32	300	90	3.0	#6 AGN Monitor	2	
0065.MRK421	300	3:46	11:04:27.4	+38:12:32	300	90	3.0	#6 AGN Monitor	2	
0066.MRK421	300	3:51	11:04:27.4	+38:12:32	300	90	3.0	#6 AGN Monitor	2	
0067.COMP	12	3:57	11:04:27.4	+38:12:32	300	90	3.0	#6 AGN Monitor	2	
0068.Pr210	1200	4:07	11:52:37.4	-02:28:09	300	75	3.0	#135 Starburst	2	ONE OR TWO OBJECTS?
0069.COMP	12	4:28	11:52:37.4	-02:28:09	300	75	3.0	#135 Starburst	2	
0070.Pr207	900	4:30	11:42:12.3	+00:20:03	300	95	3.0	#135 Starburst	2	
0071.COMP	12	4:45	11:42:12.3	+00:20:03	300	95	3.0	#135 Starburst	2	
0072.Pr222	900	4:49	12:15:39.6	+36:19:35	300	110	3.0	#135 Starburst	2	
0073.COMP	12	5:05	12:15:39.6	+36:19:35	300	110	3.0	#135 Starburst	2	
0074.Pr252	1200	5:10	13:30:39.5	+31:17:04	300	20	3.0	#135 Starburst	2	
0075.COMP	12	5:31	13:30:39.5	+31:17:04	300	20	3.0	#135 Starburst	2	
0076.Pr252a	1200	5:33	13:30:36.5	+31:17:10	300	100	3.0	#135 Starburst	2	
0077.COMP	12	5:54	13:30:36.5	+31:17:10	300	100	3.0	#135 Starburst	2	
0078.Pr13a	1200	5:58	15:32:31.5	+57:53:16	300	33	3.0	#135 Starburst	2	
0079.Pr13a	1200	6:18	15:32:31.5	+57:53:16	300	33	3.0	#135 Starburst	2	
0080.COMP	12	6:39	15:32:31.5	+57:53:16	300	33	3.0	#135 Starburst	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0081.FineFoc	60	6:43	16:56:22.7	31:00:40	300	90	3.0	#135 Starburst	1	
0082.BIAS	0	6:48	16:56:22.7	31:00:40	300	90	3.0	#135 Starburst	1	
0083.FineFoc	60	6:51	16:56:22.7	31:00:40	300	90	3.0	#135 Starburst	1	
0084.BDp332642	120	7:01	15:50:03	33:05:49	600	90	2.0	#122 Halo Star	4	600L, 2 arcsec, tilt=430
0085.COMP	10	7:03	15:50:03	33:05:49	600	90	2.0	#122 Halo Star	4	
0086.hs1367	1200	7:06	16:35:37.6	60:44:05	600	90	2.0	#122 Halo Star	4	
0087.COMP	10	7:27	16:35:37.6	60:44:05	600	90	2.0	#122 Halo Star	4	
0088.hs1368	1080	7:28	16:35:42.6	62:01:02	600	90	2.0	#122 Halo Star	4	
0089.COMP	10	7:46	16:35:42.6	62:01:02	600	90	2.0	#122 Halo Star	4	
0090.hs1369	1200	7:47	16:37:34.9	65:10:18	600	90	2.0	#122 Halo Star	4	
0091.COMP	10	8:08	16:37:34.9	65:10:18	600	90	2.0	#122 Halo Star	4	
0092.hs1372	900	8:09	16:39:44.1	59:09:47	600	90	2.0	#122 Halo Star	4	
0093.COMP	10	8:24	16:39:44.1	59:09:47	600	90	2.0	#122 Halo Star	4	
0094.hs1373	1200	8:25	16:40:33.6	56:42:45	600	90	2.0	#122 Halo Star	4	
0095.COMP	10	8:46	16:40:33.6	56:42:45	600	90	2.0	#122 Halo Star	4	
0096.hs1374	960	8:47	16:41:19.2	62:06:13	600	90	2.0	#122 Halo Star	4	
0097.COMP	10	9:03	16:41:19.2	62:06:13	600	90	2.0	#122 Halo Star	4	
0098.hs1518	984	9:04	16:00:07.6	+57:51:29	600	90	2.0	#122 Halo Star	4	
0099.COMP	10	9:21	16:00:07.6	+57:51:29	600	90	2.0	#122 Halo Star	4	
0100.hs1519	600	9:22	16:00:35.8	+54:42:32	600	90	2.0	#122 Halo Star	4	

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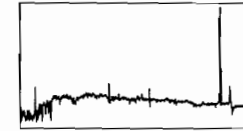
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0101.COMP	10	9:32	16:00:35.8	+54:42:32	600	90	2.0	#122 Halo Star	4	
0102-0111.FLAT	40	9:41	16:00:35.8	+54:42:32	600	90	2.0	#122 Halo Star	4	
0112.2M17541014p0259311	1200	9:52	17:54:10.1	+02:59:31	300	-10	3.0	#68 2MASS Reds	2	combo setup; rotate to align gal w/slit
0113.COMP	12	10:12	17:54:10.1	+02:59:31	300	-10	3.0	#68 2MASS Reds	2	
0114.2M17542340m0200328	780	10:17	17:54:23.4	-02:00:32	300	90	3.0	#68 2MASS Reds	2	row=78
0115.COMP	12	10:30	17:54:23.4	-02:00:32	300	90	3.0	#68 2MASS Reds	2	
0116.2M17542514m0202358	1200	10:32	17:54:25.1	-02:02:35	300	70	3.0	#68 2MASS Reds	2	row=78
0117.COMP	12	10:53	17:54:25.1	-02:02:35	300	70	3.0	#68 2MASS Reds	2	
0118.2M20475214p5937111	1080	10:57	20:47:52.1	+59:37:11	300	90	3.0	#68 2MASS Reds	2	
0119.COMP	12	11:15	20:47:52.1	+59:37:11	300	90	3.0	#68 2MASS Reds	2	
0120.ZAnd	2	11:20	23:33:40	48:49:06	300	90	3.0	#12 Symbiotic	2	
0121.ZAnd	5	11:20	23:33:40	48:49:06	300	90	3.0	#12 Symbiotic	2	
0122.ZAnd	15	11:20	23:33:40	48:49:06	300	90	3.0	#12 Symbiotic	2	
0123.COMP	12	11:21	23:33:40	48:49:06	300	90	3.0	#12 Symbiotic	2	
0124.EGAnd	1	11:22	0:44:37	40:40:47	300	90	3.0	#12 Symbiotic	2	
0125.EGAnd	5	11:23	0:44:37	40:40:47	300	90	3.0	#12 Symbiotic	2	
0126.EGAnd	10	11:24	0:44:37	40:40:47	300	90	3.0	#12 Symbiotic	2	
0127.COMP	12	11:24	0:44:37	40:40:47	300	90	3.0	#12 Symbiotic	2	
0128.M31	60	11:25	00:40:00.0	+40:59:42	300	90	3.0	#57 Velocity S	2	
0129.COMP	12	11:27	00:40:00.0	+40:59:42	300	90	3.0	#57 Velocity S	2	

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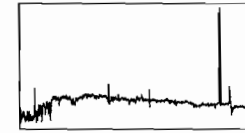
<i>File</i>	<i>Exp Time t</i>	<i>RA</i>	<i>Dec</i>	<i>Gr.</i>	<i>P.A.</i>	<i>Slit</i>	<i>Program</i>	<i>Bin</i>	<i>Comments</i>
0130.BDp284211	608	21:48:57.1	28:37:48	300	90	3.0	#56 Spectropho	2	
0131.COMP	120	21:48:57.1	28:37:48	300	90	3.0	#56 Spectropho	2	
0132-0141.BIAS	06	21:48:57.1	28:37:48	300	90	3.0	#68 2MASS Reds	4	
0142-0151.FLAT	60	21:48:57.1	28:37:48	300	90	3.0	#68 2MASS Reds	4	
0152-0161.BIAS	03	21:48:57.1	28:37:48	300	90	3.0	#68 2MASS Reds	2	
0162-0171.FLAT	127	21:48:57.1	28:37:48	300	90	3.0	#68 2MASS Reds	2	
0172-0181.DARK	9006	21:48:57.1	28:37:48	300	90	3.0	#68 2MASS Reds	2	

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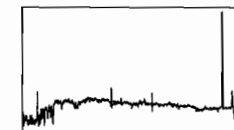
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001-0010.DARK	900	0:52	21:48:57.1	28:37:48	300	90	3.0	#68 2MASS Reds	4	
0011-0020.BIAS	0	1:58	21:48:57.1	28:37:48	300	90	3.0	#68 2MASS Reds	4	
0021-0030.FLAT	6	2:01	21:48:57.1	28:37:48	300	90	3.0	#68 2MASS Reds	4	
0031-0040.BIAS	0	2:03	21:48:57.1	28:37:48	300	90	3.0	#68 2MASS Reds	2	
0041-0050.FLAT	12	2:07	21:48:57.1	28:37:48	300	90	3.0	#68 2MASS Reds	2	
0051-0055.sky	2	2:44	21:48:57.1	28:37:48	300	90	3.0	#57 Velocity S	2	
0056.COMP	12	2:45	21:48:57.1	28:37:48	300	90	3.0	#57 Velocity S	2	
0057.BDp332642	90	3:22	15:50:03	33:05:49	300	90	3.0	#56 Spectropho	4	
0058.COMP	5	3:24	15:50:03	33:05:49	300	90	3.0	#56 Spectropho	4	
0059.BDp332642	90	3:25	15:50:03	33:05:49	300	90	3.0	#56 Spectropho	2	
0060.COMP	12	3:27	15:50:03	33:05:49	300	90	3.0	#56 Spectropho	2	
0061.Pr224	1200	3:38	12:21:40.9	+11:30:03	300	90	3.0	#135 Starburst	2	
0062.COMP	12	3:59	12:21:40.9	+11:30:03	300	90	3.0	#135 Starburst	2	
0063.Pr11	1200	4:03	12:23:43.8	+12:28:27	300	20	3.0	#135 Starburst	2	
0064.Pr11	1200	4:23	12:23:43.8	+12:28:27	300	20	3.0	#135 Starburst	2	
0065.COMP	12	4:43	12:23:43.8	+12:28:27	300	20	3.0	#135 Starburst	2	
0066.BDp332642	90	4:50	15:50:03	33:05:49	300	76	3.0	#56 Spectropho	2	
0067.COMP	12	4:52	15:50:03	33:05:49	300	76	3.0	#56 Spectropho	2	
0068.sn2003fd	900	4:57	13:41:43.7	+40:52:38	300	103	3.0	#2 SN Observat	2	
0069.sn2003fd	900	5:12	13:41:43.7	+40:52:38	300	103	3.0	#2 SN Observat	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0070.COMP	12	5:28	13:41:43.7	+40:52:38	300	103	3.0	#2 SN Observat	2	
0071.a2199k_075	660	5:30	16:45:30.6	43:34:54	300	103	3.0	#64 Cluster In	4	
0072.COMP	5	5:42	16:45:30.6	43:34:54	300	103	3.0	#64 Cluster In	4	
0073.a2199k_076	780	5:45	16:12:41.5	35:13:39	300	90	3.0	#64 Cluster In	2	
0074.COMP	12	5:58	16:12:41.5	35:13:39	300	90	3.0	#64 Cluster In	2	
0075.a2199k_077	960	6:00	16:36:37.1	42:05:10	300	90	3.0	#64 Cluster In	2	
0076.COMP	12	6:16	16:36:37.1	42:05:10	300	90	3.0	#64 Cluster In	2	
0077.a2199k_078	900	6:17	16:12:16.2	40:19:31	300	90	3.0	#64 Cluster In	2	
0078.COMP	12	6:33	16:12:16.2	40:19:31	300	90	3.0	#64 Cluster In	2	
0079.a2199k_079	1080	6:34	16:13:05.5	36:06:30	300	90	3.0	#64 Cluster In	4	
0080.COMP	5	6:52	16:13:05.5	36:06:30	300	90	3.0	#64 Cluster In	4	
0081.a2199k_082	720	6:53	16:18:37.9	43:06:50	300	90	3.0	#64 Cluster In	4	
0082.COMP	5	7:06	16:18:37.9	43:06:50	300	90	3.0	#64 Cluster In	4	
0083.a2199k_083	1200	7:07	16:37:10.0	39:44:48	300	90	3.0	#64 Cluster In	2	
0084.COMP	12	7:28	16:37:10.0	39:44:48	300	90	3.0	#64 Cluster In	2	
0085.sn2003fa	1200	7:36	17:44:07.7	+40:52:51	300	-35	3.0	#2 SN Observat	2	
0086.COMP	12	7:57	17:44:07.7	+40:52:51	300	-35	3.0	#2 SN Observat	2	
0087.160318p49350_d	1200	8:01	16:4:57.1	49:28:4	300	100	3.0	#113 Interacti	2	
0088.160318p49350_d	1200	8:22	16:4:57.1	49:28:4	300	100	3.0	#113 Interacti	2	
0089.COMP	12	8:42	16:4:57.1	49:28:4	300	100	3.0	#113 Interacti	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0090.162354p13170_b	900	8:45	16:26:20.3	13:10:54	300	70	3.0	#113 Interacti	2	
0091.162354p13170_b	900	9:01	16:26:20.3	13:10:54	300	70	3.0	#113 Interacti	2	
0092.COMP	12	9:16	16:26:20.3	13:10:54	300	70	3.0	#113 Interacti	2	
0093.162354p13170_c	900	9:18	16:26:13.7	13:12:54	300	90	3.0	#113 Interacti	2	
0094.162354p13170_c	900	9:34	16:26:13.7	13:12:54	300	90	3.0	#113 Interacti	2	
0095.COMP	12	9:49	16:26:13.7	13:12:54	300	90	3.0	#113 Interacti	2	
0096.FineFoc	60	9:52	20:01:52.4	31:39:17	300	90	3.0	#64 Cluster In	1	
0097.MRK509	180	9:59	20:44:09.8	-10:43:24	300	90	3.0	#6 AGN Monitor	2	
0098.MRK509	180	10:02	20:44:09.8	-10:43:24	300	90	3.0	#6 AGN Monitor	2	
0099.COMP	12	10:06	20:44:09.8	-10:43:24	300	90	3.0	#6 AGN Monitor	2	
0100.Akn564	300	10:07	22:42:39.4	+29:43:31	300	90	3.0	#6 AGN Monitor	2	
0101.Akn564	300	10:12	22:42:39.4	+29:43:31	300	90	3.0	#6 AGN Monitor	2	
0102.COMP	12	10:18	22:42:39.4	+29:43:31	300	90	3.0	#6 AGN Monitor	2	
0103.2M19112756p2112142	600	10:23	19:11:27.5	+21:12:14	300	90	3.0	#68 2MASS Reds	2	
0104.COMP	12	10:34	19:11:27.5	+21:12:14	300	90	3.0	#68 2MASS Reds	2	
0105.2M19113405m0526417	660	10:35	19:11:34.0	-05:26:41	300	90	3.0	#68 2MASS Reds	2	
0106.COMP	12	10:47	19:11:34.0	-05:26:41	300	90	3.0	#68 2MASS Reds	2	
0107.2M19124311m0356087	1200	10:49	19:12:43.1	-03:56:08	300	90	3.0	#68 2MASS Reds	2	row=75
0108.COMP	12	11:09	19:12:43.1	-03:56:08	300	90	3.0	#68 2MASS Reds	2	
0109.2M22052266p4458218	600	11:11	22:05:22.6	+44:58:21	300	90	3.0	#68 2MASS Reds	2	

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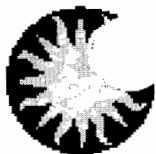
<i>File</i>	<i>Exp Time</i>	<i>UT Start</i>	<i>RA</i>	<i>Dec</i>	<i>Gr.</i>	<i>P.A.</i>	<i>Slit</i>	<i>Program</i>	<i>Bin</i>	<i>Comments</i>
0110.COMP	12	11:22	22:05:22.6	+44:58:21	300	90	3.0	#68 2MASS Reds	2	
0111.M31	60	11:23	00:40:00.0	+40:59:42	300	90	3.0	#57 Velocity S	2	
0112.COMP	12	11:25	00:40:00.0	+40:59:42	300	90	3.0	#57 Velocity S	2	
0113.BDp284211	60	11:26	21:48:57.1	28:37:48	300	90	3.0	#56 Spectropho	2	
0114.COMP	12	11:28	21:48:57.1	28:37:48	300	90	3.0	#56 Spectropho	2	
0115.BDp284211	60	11:29	21:48:57.1	28:37:48	300	90	3.0	#56 Spectropho	4	
0116.COMP	5	11:31	21:48:57.1	28:37:48	300	90	3.0	#56 Spectropho	4	
0117-0126.BIAS	0	11:37	21:48:57.1	28:37:48	300	90	3.0	#64 Cluster In	4	
0127-0136.FLAT	6	11:40	21:48:57.1	28:37:48	300	90	3.0	#64 Cluster In	4	
0137-0146.BIAS	0	11:42	21:48:57.1	28:37:48	300	90	3.0	#64 Cluster In	2	
0147-0156.FLAT	12	11:47	21:48:57.1	28:37:48	300	90	3.0	#64 Cluster In	2	
0157-0166.DARK	900	14:07	21:48:57.1	28:37:48	300	90	3.0	#64 Cluster In	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001-0010.BIAS	0	2:24	13:07:24.3	+31:31:18	300	90	3.0	#64 Cluster In	4	
0011-0020.FLAT	8	2:27	13:10:56.9	+31:31:18	300	90	3.0	#64 Cluster In	4	
0021-0030.BIAS	0	2:30	13:13:09.2	+31:31:18	300	90	3.0	#64 Cluster In	2	
0031-0034.FLAT	16	2:32	13:15:34.5	+31:31:18	300	90	3.0	#64 Cluster In	2	
0035-0040.FLAT	16	2:35	13:16:22.7	+31:31:17	300	90	3.0	#64 Cluster In	2	
0041-0045.sky	3	2:48	13:30:00	32:00:00	300	90	3.0	#57 Velocity S	4	
0046.COMP	5	2:49	13:30:00	32:00:00	300	90	3.0	#57 Velocity S	4	
0047.Feige66	75	3:23	12:34:54.7	25:20:31	300	67	3.0	#56 Spectropho	2	windy, clear
0048.Feige66	75	3:25	12:34:54.7	25:20:31	300	67	3.0	#56 Spectropho	2	
0049.COMP	10	3:26	12:34:54.7	25:20:31	300	67	3.0	#56 Spectropho	2	
0050.N4151	35	3:28	12:10:32.6	+39:24:21	300	96	3.0	#6 AGN Monitor	4	
0051.N4151	35	3:29	12:10:32.6	+39:24:21	300	96	3.0	#6 AGN Monitor	4	
0052.COMP	5	3:30	12:10:32.6	+39:24:21	300	96	3.0	#6 AGN Monitor	4	
0053.N4051	180	3:30	12:03:09.7	+44:31:53	300	100	3.0	#6 AGN Monitor	4	
0054.N4051	180	3:34	12:03:09.7	+44:31:53	300	100	3.0	#6 AGN Monitor	4	
0055.COMP	5	3:37	12:03:09.7	+44:31:53	300	100	3.0	#6 AGN Monitor	4	
0056.M87	180	3:38	12:30:49.4	12:23:28	300	49	3.0	#6 AGN Monitor	4	
0057.M87	180	3:42	12:30:49.4	12:23:28	300	49	3.0	#6 AGN Monitor	4	
0058.COMP	5	3:45	12:30:49.4	12:23:28	300	49	3.0	#6 AGN Monitor	4	
0059.N5548	180	3:46	14:17:59.6	+25:08:12	300	49	3.0	#6 AGN Monitor	4	

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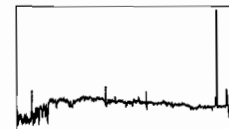
<i>File</i>	<i>Exp Time</i>	<i>UT Start</i>	<i>RA</i>	<i>Dec</i>	<i>Gr.</i>	<i>P.A.</i>	<i>Slit</i>	<i>Program</i>	<i>Bin</i>	<i>Comments</i>
0060.N5548	180	3:49	14:17:59.6	+25:08:12	300	49	3.0	#6 AGN Monitor	4	
0061.COMP	5	3:52	14:17:59.6	+25:08:12	300	49	3.0	#6 AGN Monitor	4	
0062.131430p05550_b	1200	3:58	13:17:0.3	5:39:27	300	68	3.0	#113 Interacti	2	
0063.COMP	10	4:19	13:17:0.3	5:39:27	300	68	3.0	#113 Interacti	2	
0064.134818p33570_e	1200	4:20	13:50:40.5	33:45:41	300	63	3.0	#113 Interacti	2	
0065.COMP	10	4:41	13:50:40.5	33:45:41	300	63	3.0	#113 Interacti	2	
0066.sn2003fd	1200	4:46	13:41:43.7	+40:52:38	300	100	3.0	#2 SN Observat	2	
0067.COMP	10	5:07	13:41:43.7	+40:52:38	300	100	3.0	#2 SN Observat	2	
0068.sn2003ge	1200	5:10	16:20:08.7	+37:47:53	300	-5	3.0	#2 SN Observat	2	
0069.COMP	10	5:31	16:20:08.7	+37:47:53	300	-5	3.0	#2 SN Observat	2	
0070.DoAr22	30	5:33	16:26:19.2	-23:43:19	300	0	3.0	#89 Herbig Ae/	4	
0071.DoAr22	240	5:34	16:26:19.2	-23:43:19	300	0	3.0	#89 Herbig Ae/	4	
0072.COMP	5	5:39	16:26:19.2	-23:43:19	300	0	3.0	#89 Herbig Ae/	4	
0073.DoAr24E	60	5:39	16:26:23.4	-24:20:58	300	0	3.0	#89 Herbig Ae/	4	
0074.DoAr24E	720	5:41	16:26:23.4	-24:20:58	300	0	3.0	#89 Herbig Ae/	4	
0075.COMP	5	5:55	16:26:23.4	-24:20:58	300	0	3.0	#89 Herbig Ae/	4	
0076.RN091	60	5:56	16:34:29.2	-15:47:01	300	0	3.0	#89 Herbig Ae/	4	
0077.RN091	900	5:57	16:34:29.2	-15:47:01	300	0	3.0	#89 Herbig Ae/	4	
0078.COMP	5	6:13	16:34:29.2	-15:47:01	300	0	3.0	#89 Herbig Ae/	4	
0079.AKSco	10	6:15	16:54:44.8	-36:53:17	300	0	3.0	#89 Herbig Ae/	4	

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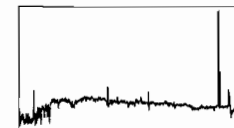
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0080.AKSCO	10	6:16	16:54:44.8	-36:53:17	300	0	3.0	#89 Herbig Ae/	4	
0081.AKSCO	30	6:16	16:54:44.8	-36:53:17	300	0	3.0	#89 Herbig Ae/	4	
0082.COMP	5	6:17	16:54:44.8	-36:53:17	300	0	3.0	#89 Herbig Ae/	4	
0083.143024p31530.b	1200	6:21	14:32:37.8	31:38:49	300	77	3.0	#113 Interacti	2	
0084.COMP	10	6:41	14:32:37.8	31:38:49	300	77	3.0	#113 Interacti	2	
0085.sn2003fa	1200	6:45	17:44:07.7	+40:52:51	300	0	3.0	#2 SN Observat	2	
0086.COMP	10	7:06	17:44:07.7	+40:52:51	300	0	3.0	#2 SN Observat	2	
0087.160054p32170.b	1200	7:09	16:2:49.1	32:10:18	300	90	3.0	#113 Interacti	2	nothing
0088.COMP	10	7:30	16:2:49.1	32:10:18	300	90	3.0	#113 Interacti	2	
0089.155336p17180.b	1200	7:32	15:56:1.5	17:9:40	300	90	3.0	#113 Interacti	2	
0090.COMP	10	7:52	15:56:1.5	17:9:40	300	90	3.0	#113 Interacti	2	
0091.LkH348	60	7:55	18:34:12.6	-00:26:22	300	0	3.0	#89 Herbig Ae/	4	
0092.LkH348	20	7:56	18:34:12.6	-00:26:22	300	0	3.0	#89 Herbig Ae/	4	
0093.LkH348	600	7:56	18:34:12.6	-00:26:22	300	0	3.0	#89 Herbig Ae/	4	
0094.COMP	5	8:07	18:34:12.6	-00:26:22	300	0	3.0	#89 Herbig Ae/	4	
0095.2M17361220m0719287	900	8:08	17:36:12.2	-07:19:28	300	0	3.0	#68 2MASS Reds	4	
0096.COMP	5	8:23	17:36:12.2	-07:19:28	300	0	3.0	#68 2MASS Reds	4	
0097.TYCrA	10	8:25	19:01:40.8	-36:52:34	300	0	3.0	#89 Herbig Ae/	4	
0098.TYCrA	30	8:25	19:01:40.8	-36:52:34	300	0	3.0	#89 Herbig Ae/	4	
0099.TYCrA	30	8:26	19:01:40.8	-36:52:34	300	0	3.0	#89 Herbig Ae/	4	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0100.COMP	5	8:27	19:01:40.8	-36:52:34	300	0	3.0	#89 Herbig Ae/	4	
0101.RCrA	30	8:28	19:01:53.9	-36:57:09	300	0	3.0	#89 Herbig Ae/	4	
0102.RCrA	120	8:29	19:01:53.9	-36:57:09	300	0	3.0	#89 Herbig Ae/	4	
0103.RCrA	240	8:31	19:01:53.9	-36:57:09	300	0	3.0	#89 Herbig Ae/	4	
0104.COMP	5	8:36	19:01:53.9	-36:57:09	300	0	3.0	#89 Herbig Ae/	4	
0105.TCrA	120	8:36	19:01:58.9	-36:57:49	300	0	3.0	#89 Herbig Ae/	4	
0106.TCrA	600	8:39	19:01:58.9	-36:57:49	300	0	3.0	#89 Herbig Ae/	4	
0107.COMP	5	8:49	19:01:58.9	-36:57:49	300	0	3.0	#89 Herbig Ae/	4	
0108.TYCrAsouthwest	5	8:50	19:01:40.8	-36:52:34	300	0	3.0	#89 Herbig Ae/	4	
0109.TYCrAsouthwest	5	8:50	19:01:40.8	-36:52:34	300	0	3.0	#89 Herbig Ae/	4	
0110.TYCrAsouthwest	5	8:51	19:01:40.8	-36:52:34	300	0	3.0	#89 Herbig Ae/	4	
0111.COMP	5	8:51	19:01:40.8	-36:52:34	300	0	3.0	#89 Herbig Ae/	4	
0112.Knanon2	120	8:52	19:01:06.9	-36:57:59	300	0	3.0	#89 Herbig Ae/	4	
0113.Knanon2	720	8:54	19:01:06.9	-36:57:59	300	0	3.0	#89 Herbig Ae/	4	
0114.COMP	5	9:07	19:01:06.9	-36:57:59	300	0	3.0	#89 Herbig Ae/	4	
0115.WL22	120	9:10	19:07:09.8	+05:13:11	300	30	3.0	#89 Herbig Ae/	4	
0116.WL22	1200	9:12	19:07:09.8	+05:13:11	300	30	3.0	#89 Herbig Ae/	4	
0117.COMP	5	9:32	19:07:09.8	+05:13:11	300	30	3.0	#89 Herbig Ae/	4	
0118.V1352Aq1	120	9:34	19:20:30.9	+11:01:54	300	35	3.0	#89 Herbig Ae/	4	
0119.V1352Aq1	30	9:37	19:20:30.9	+11:01:54	300	35	3.0	#89 Herbig Ae/	4	

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File	Exp Time t	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0120.V1352Aq1	1203	19:20:30.9	+11:01:54	300	35	3.0	#89 Herbig Ae/	4	
0121.V1352Aqlsouth	1200	19:20:30.9	+11:01:54	300	35	3.0	#89 Herbig Ae/	4	
0122.COMP	53	19:20:30.9	+11:01:54	300	35	3.0	#89 Herbig Ae/	4	
0123.HD192281	54	20:10:46.8	40:07:01	300	0	3.0	#56 Spectropho	4	
0124.HD192281	64	20:10:46.8	40:07:01	300	0	3.0	#56 Spectropho	4	
0125.HD192281	65	20:10:46.8	40:07:01	300	0	3.0	#56 Spectropho	4	
0126.HD192281	65	20:10:46.8	40:07:01	300	0	3.0	#56 Spectropho	4	
0127.COMP	55	20:10:46.8	40:07:01	300	0	3.0	#56 Spectropho	4	
0128.V1318Cyg	1807	20:20:30.4	+41:21:27	300	0	3.0	#89 Herbig Ae/	4	
0129.V1318Cyg	1200l	20:20:30.4	+41:21:27	300	0	3.0	#89 Herbig Ae/	4	
0130.COMP	51	20:20:30.4	+41:21:27	300	0	3.0	#89 Herbig Ae/	4	
0131.p413731	102	20:24:16.3	+42:17:46	300	0	3.0	#89 Herbig Ae/	4	
0132.p413731	303	20:24:16.3	+42:17:46	300	0	3.0	#89 Herbig Ae/	4	
0133.p413731	303	20:24:16.3	+42:17:46	300	0	3.0	#89 Herbig Ae/	4	
0134.COMP	54	20:24:16.3	+42:17:46	300	0	3.0	#89 Herbig Ae/	4	
0135.V1057Cyg	607	20:58:53.7	+44:15:28	300	0	3.0	#89 Herbig Ae/	4	
0136.V1057Cyg	1809	20:58:53.7	+44:15:28	300	0	3.0	#89 Herbig Ae/	4	
0137.COMP	53	20:58:53.7	+44:15:28	300	0	3.0	#89 Herbig Ae/	4	
0138.LkH137	1203	20:50:37.0	+44:18:24	300	0	3.0	#89 Herbig Ae/	4	
0139.LkH137	12006	20:50:37.0	+44:18:24	300	0	3.0	#89 Herbig Ae/	4	

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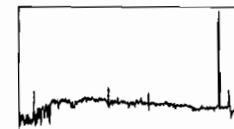
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0140.COMP	5	10:46	20:50:37.0	+44:18:24	300	0	3.0	#89 Herbig Ae/	4	
0141.V1331Cyg	30	10:47	21:01:09.2	+50:21:45	300	0	3.0	#89 Herbig Ae/	4	
0142.V1331Cyg	60	10:48	21:01:09.2	+50:21:45	300	0	3.0	#89 Herbig Ae/	4	
0143.V1331Cyg	240	10:49	21:01:09.2	+50:21:45	300	0	3.0	#89 Herbig Ae/	4	
0144.COMP	5	10:54	21:01:09.2	+50:21:45	300	0	3.0	#89 Herbig Ae/	4	
0145.V1082Cyg	60	10:55	21:37:03.4	+43:21:19	300	0	3.0	#89 Herbig Ae/	4	
0146.V1082Cyg	600	10:56	21:37:03.4	+43:21:19	300	0	3.0	#89 Herbig Ae/	4	
0147.COMP	5	11:07	21:37:03.4	+43:21:19	300	0	3.0	#89 Herbig Ae/	4	
0148.BDp284211	180	11:08	21:48:57.1	28:37:48	300	0	3.0	#56 Spectropho	2	
0149.BDp284211	180	11:12	21:48:57.1	28:37:48	300	0	3.0	#56 Spectropho	2	
0150.COMP	10	11:15	21:48:57.1	28:37:48	300	0	3.0	#56 Spectropho	2	
0151-0160.BIAS	0	11:26	22:34:46.9	+34:09:43	300	90	3.0	#89 Herbig Ae/	4	
0161-0170.FLAT	8	11:30	22:34:46.9	+34:09:43	300	90	3.0	#89 Herbig Ae/	4	
0171-0180.BIAS	0	11:32	22:34:46.9	+34:09:43	300	90	3.0	#89 Herbig Ae/	2	
0181-0190.FLAT	16	11:38	22:34:46.9	+34:09:43	300	90	3.0	#89 Herbig Ae/	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0001.DARK	1200	22:16	09:22:57.3	+31:31:04	300	90	3.0	#89 Herbig Ae/	2	
0002.DARK	1200	22:36	09:43:13.6	+31:31:07	300	90	3.0	#89 Herbig Ae/	2	
0003.DARK	1200	22:56	10:03:28.0	+31:31:10	300	90	3.0	#89 Herbig Ae/	2	
0004.DARK	1200	23:17	10:23:46.2	+31:31:13	300	90	3.0	#89 Herbig Ae/	2	
0005.DARK	1200	23:37	10:43:59.8	+31:31:15	300	90	3.0	#89 Herbig Ae/	2	
0006.DARK	1200	23:57	11:04:17.4	+31:31:16	300	90	3.0	#89 Herbig Ae/	2	
0007.DARK	1200	0:17	11:24:30.7	+31:31:18	300	90	3.0	#89 Herbig Ae/	2	
0008-0010.DARK	1200	1:18	12:25:19.5	+31:31:19	300	90	3.0	#89 Herbig Ae/	2	
0011-0020.BIAS	0	1:45	12:32:30.1	+31:31:19	300	90	3.0	#89 Herbig Ae/	4	
0021-0030.FLAT	8	1:48	12:36:02.7	+31:31:19	300	90	3.0	#89 Herbig Ae/	4	
0031-0040.BIAS	0	1:51	12:38:15.3	+31:31:19	300	90	3.0	#89 Herbig Ae/	2	
0041-0050.FLAT	16	1:57	12:44:20.9	+31:31:19	300	90	3.0	#89 Herbig Ae/	2	
0051-0055.sky	3	2:48	13:30:00	32:00:00	300	90	3.0	#57 Velocity S	4	
0056.COMP	5	2:49	13:30:00	32:00:00	300	90	3.0	#57 Velocity S	4	
0057.Feige66	75	3:22	12:34:54.7	25:20:31	300	67	3.0	#56 Spectropho	2	clear skies, a bit hazy still
0058.Feige66	75	3:24	12:34:54.7	25:20:31	300	67	3.0	#56 Spectropho	2	
0059.COMP	10	3:25	12:34:54.7	25:20:31	300	67	3.0	#56 Spectropho	2	
0060.2M142418.4p351434	240	3:31	14:24:18.4	+35:14:34	300	90	3.0	#146 SIRTf	4	
0061.COMP	5	3:36	14:24:18.4	+35:14:34	300	90	3.0	#146 SIRTf	4	
0062.2M142424.3p351156	360	3:36	14:24:24.3	+35:11:56	300	90	3.0	#146 SIRTf	4	

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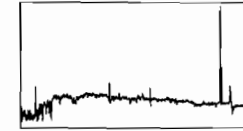
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0063.COMP	5	3:43	14:24:24.3	+35:11:56	300	90	3.0	#146 SIRTF	4	
0064.2M142247.2p334245	300	3:43	14:22:47.2	+33:42:45	300	90	3.0	#146 SIRTF	4	
0065.COMP	5	3:48	14:22:47.2	+33:42:45	300	90	3.0	#146 SIRTF	4	
0066.2M142233.1p333304	480	3:49	14:22:33.1	+33:33:04	300	90	3.0	#146 SIRTF	4	
0067.COMP	5	3:57	14:22:33.1	+33:33:04	300	90	3.0	#146 SIRTF	4	
0068.124342p08370_b	1200	4:00	12:46:12.9	8:20:26	300	-59	3.0	#113 Interacti	2	
0069.COMP	10	4:20	12:46:12.9	8:20:26	300	-59	3.0	#113 Interacti	2	
0070.124342p08370_c	1200	4:22	12:46:14.9	8:18:51	300	0	3.0	#113 Interacti	2	
0071.COMP	10	4:42	12:46:14.9	8:18:51	300	0	3.0	#113 Interacti	2	
0072.sn2003fd	1200	4:48	13:41:43.7	+40:52:38	300	100	3.0	#2 SN Observat	2	
0073.COMP	10	5:09	13:41:43.7	+40:52:38	300	100	3.0	#2 SN Observat	2	
0074.sn2003du	1200	5:14	14:34:35.8	59:20:03	300	-40	3.0	#2 SN Observat	2	
0075.COMP	10	5:35	14:34:35.8	59:20:03	300	-40	3.0	#2 SN Observat	2	
0076.142618p27290_b	1200	5:42	14:28:46.6	27:15:2	300	-48	3.0	#113 Interacti	2	
0077.COMP	10	6:02	14:28:46.6	27:15:2	300	-48	3.0	#113 Interacti	2	
0078.142624p30510_b	1200	6:05	14:28:31.1	30:34:35	300	0	3.0	#113 Interacti	2	
0079.COMP	10	6:25	14:28:31.1	30:34:35	300	0	3.0	#113 Interacti	2	
0080.154348p02340_b	1200	6:28	15:46:13.4	2:27:11	300	59	3.0	#113 Interacti	2	
0081.COMP	10	6:49	15:46:13.4	2:27:11	300	59	3.0	#113 Interacti	2	
0082.sn2003fa	1200	6:52	17:44:07.7	+40:52:51	300	0	3.0	#2 SN Observat	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0083.COMP	10	7:13	17:44:07.7	+40:52:51	300	0	3.0	#2 SN Observat	2	
0084.XX0ph	10	7:14	17:43:56	-06:16:08	300	0	3.0	#12 Symbiotic	4	
0085.XX0ph	1	7:15	17:43:56	-06:16:08	300	0	3.0	#12 Symbiotic	4	
0086.COMP	5	7:16	17:43:56	-06:16:08	300	0	3.0	#12 Symbiotic	4	
0087.RS0ph	10	7:17	17:50:13	-06:42:30	300	0	3.0	#12 Symbiotic	4	
0088.RS0ph	60	7:17	17:50:13	-06:42:30	300	0	3.0	#12 Symbiotic	4	
0089.RS0ph	150	7:18	17:50:13	-06:42:30	300	0	3.0	#12 Symbiotic	4	
0090.COMP	5	7:21	17:50:13	-06:42:30	300	0	3.0	#12 Symbiotic	4	
0091.f293	1200	7:23	14:54:11.4	+30:12:36	300	90	3.0	#135 Starburst	2	
0092.COMP	10	7:44	14:54:11.4	+30:12:36	300	90	3.0	#135 Starburst	2	
0093.2M17344651m0659075	660	7:47	17:34:46.5	-06:59:07	300	90	3.0	#68 2MASS Reds	4	
0094.COMP	5	7:58	17:34:46.5	-06:59:07	300	90	3.0	#68 2MASS Reds	4	
0095.2M17353269m0504594	480	7:59	17:35:32.6	-05:04:59	300	90	3.0	#68 2MASS Reds	4	did not get
0096.COMP	5	8:08	17:35:32.6	-05:04:59	300	90	3.0	#68 2MASS Reds	4	
0097.2M17354268m0741347	720	8:09	17:35:42.6	-07:41:34	300	90	3.0	#68 2MASS Reds	4	
0098.COMP	5	8:21	17:35:42.6	-07:41:34	300	90	3.0	#68 2MASS Reds	4	
0099.2M17375447p0428565	420	8:22	17:37:54.4	+04:28:56	300	90	3.0	#68 2MASS Reds	4	
0100.COMP	5	8:29	17:37:54.4	+04:28:56	300	90	3.0	#68 2MASS Reds	4	
0101.2M17375741m0447426	900	8:30	17:37:57.4	-04:47:42	300	90	3.0	#68 2MASS Reds	4	
0102.COMP	5	8:45	17:37:57.4	-04:47:42	300	90	3.0	#68 2MASS Reds	4	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0103.2M17394294m0138228	330	8:46	17:39:42.9	-01:38:22	300	90	3.0	#68 2MASS Reds	4	
0104.COMP	5	8:52	17:39:42.9	-01:38:22	300	90	3.0	#68 2MASS Reds	4	
0105.2M17395214m0330348	600	8:52	17:39:52.1	-03:30:34	300	90	3.0	#68 2MASS Reds	4	
0106.COMP	5	9:03	17:39:52.1	-03:30:34	300	90	3.0	#68 2MASS Reds	4	
0107.2M17415870m0334020	720	9:03	17:41:58.7	-03:34:02	300	90	3.0	#68 2MASS Reds	4	
0108.COMP	5	9:16	17:41:58.7	-03:34:02	300	90	3.0	#68 2MASS Reds	4	
0109.2M17412425p0727179	480	9:16	17:41:24.2	+07:27:17	300	90	3.0	#68 2MASS Reds	4	
0110.COMP	5	9:25	17:41:24.2	+07:27:17	300	90	3.0	#68 2MASS Reds	4	
0111.HD192281	6	9:26	20:10:46.8	40:07:01	300	90	3.0	#56 Spectropho	4	
0112.HD192281	6	9:26	20:10:46.8	40:07:01	300	90	3.0	#56 Spectropho	4	
0113.HD192281	6	9:27	20:10:46.8	40:07:01	300	90	3.0	#56 Spectropho	4	
0114.HD192281	6	9:27	20:10:46.8	40:07:01	300	90	3.0	#56 Spectropho	4	
0115.COMP	5	9:27	20:10:46.8	40:07:01	300	90	3.0	#56 Spectropho	4	
0116.Par22	1200	9:33	20:24:29.4	+42:14:03	300	90	3.0	#89 Herbig Ae/	2	
0117.COMP	10	9:54	20:24:29.4	+42:14:03	300	90	3.0	#89 Herbig Ae/	2	
0118.Par22	1200	9:55	20:24:29.4	+42:14:03	300	90	3.0	#89 Herbig Ae/	2	
0119.COMP	10	10:15	20:24:29.4	+42:14:03	300	90	3.0	#89 Herbig Ae/	2	
0120.V1493Cyg	120	10:17	20:52:04.6	+44:37:30	300	83	3.0	#89 Herbig Ae/	2	
0121.V1493Cyg	1200	10:19	20:52:04.6	+44:37:30	300	83	3.0	#89 Herbig Ae/	2	
0122.COMP	10	10:40	20:52:04.6	+44:37:30	300	83	3.0	#89 Herbig Ae/	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0123.LkH168	120	10:41	20:52:06.0	+44:17:16	300	83	3.0	#89 Herbig Ae/	2	
0124.LkH168	480	10:44	20:52:06.0	+44:17:16	300	83	3.0	#89 Herbig Ae/	2	
0125.COMP	10	10:52	20:52:06.0	+44:17:16	300	83	3.0	#89 Herbig Ae/	2	
0126.LkH257	120	10:53	21:54:18.9	+47:12:11	300	90	3.0	#89 Herbig Ae/	2	
0127.LkH257	480	10:55	21:54:18.9	+47:12:11	300	90	3.0	#89 Herbig Ae/	2	
0128.COMP	10	11:04	21:54:18.9	+47:12:11	300	90	3.0	#89 Herbig Ae/	2	
0129.BDp284211	180	11:05	21:48:57.1	28:37:48	300	90	3.0	#56 Spectropho	2	
0130.BDp284211	120	11:09	21:48:57.1	28:37:48	300	90	3.0	#56 Spectropho	2	
0131.BDp284211	120	11:11	21:48:57.1	28:37:48	300	90	3.0	#56 Spectropho	2	
0132.COMP	10	11:13	21:48:57.1	28:37:48	300	90	3.0	#56 Spectropho	2	
0133.FineFoc	60	11:15	21:58:46.8	30:49:16	300	90	3.0	#57 Velocity S	1	
0134.ZAnd	15	11:19	23:33:40	48:49:06	300	90	3.0	#12 Symbiotic	4	
0135.ZAnd	5	11:20	23:33:40	48:49:06	300	90	3.0	#12 Symbiotic	4	
0136.ZAnd	2	11:20	23:33:40	48:49:06	300	90	3.0	#12 Symbiotic	4	
0137.ZAnd	1	11:20	23:33:40	48:49:06	300	90	3.0	#12 Symbiotic	4	
0138.ZAnd	30	11:21	23:33:40	48:49:06	300	90	3.0	#12 Symbiotic	4	
0139.COMP	5	11:21	23:33:40	48:49:06	300	90	3.0	#12 Symbiotic	4	
0140-0149.BIAS	0	11:24	23:33:40	48:49:06	300	90	3.0	#57 Velocity S	4	
0150-0159.FLAT	8	11:28	23:33:40	48:49:06	300	90	3.0	#57 Velocity S	4	
0160-0169.BIAS	0	11:30	23:33:40	48:49:06	300	90	3.0	#57 Velocity S	2	



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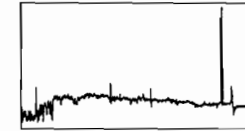
<i>File</i>	<i>Exp Time</i>	<i>UT Start</i>	<i>RA</i>	<i>Dec</i>	<i>Gr.</i>	<i>P.A.</i>	<i>Slit</i>	<i>Program</i>	<i>Bin</i>	<i>Comments</i>
0170-0179.FLAT	16	11:36	23:33:40	48:49:06	300	90	3.0	#57 Velocity S	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001-0010.BIAS	0	2:20	13:11:47.9	+31:31:18	300	90	3.0	#57 Velocity S	4	
0011-0014.FLAT	8	2:22	13:13:13.6	+31:31:18	300	90	3.0	#57 Velocity S	4	
0015-0020.FLAT	8	2:24	13:15:17.5	+31:31:17	300	90	3.0	#57 Velocity S	4	
0021-0030.BIAS	0	2:26	13:17:33.1	+31:31:17	300	90	3.0	#57 Velocity S	2	
0031-0040.FLAT	16	2:32	13:23:35.3	+31:31:17	300	90	3.0	#57 Velocity S	2	
0041-0045.sky	3	2:49	13:30:00	32:00:0	300	90	3.0	#57 Velocity S	4	
0046.COMP	5	2:49	13:30:00	32:00:0	300	90	3.0	#57 Velocity S	4	
0047.BIAS	75	3:18	12:34:54.7	25:20:31	300	67	3.0	#57 Velocity S	2	
0048.test	5	3:21	12:34:54.7	25:20:31	300	67	3.0	#57 Velocity S	4	
0049.test	5	3:21	12:34:54.7	25:20:31	300	67	3.0	#57 Velocity S	2	
0050.test	5	3:22	12:34:54.7	25:20:31	300	67	3.0	#57 Velocity S	3	
0051-0052.FLAT	6	3:35	14:27:06.8	+31:31:11	300	67	3.0	#57 Velocity S	2	
0053.BIAS	0	3:36	14:27:49.1	+31:31:10	300	67	3.0	#57 Velocity S	2	
0054-0057.BIAS	0	3:43	14:34:46.2	+31:31:10	300	67	3.0	#57 Velocity S	4	
0058.BIAS	0	3:44	14:35:24.6	+31:31:09	300	67	3.0	#57 Velocity S	4	
0059.BIAS	3	3:44	14:35:54.6	+31:31:09	300	67	3.0	#57 Velocity S	2	
0060.BIAS	0	3:50	14:42:10.2	+31:31:09	300	67	3.0	#57 Velocity S	4	
0061-0062.BIAS	0	3:52	14:43:44.1	+31:31:08	300	67	3.0	#57 Velocity S	4	
0063.BIAS	3	3:53	14:45:10.4	+31:31:08	300	67	3.0	#57 Velocity S	4	
0064.BIAS	0	3:54	14:45:18.8	+31:31:08	300	67	3.0	#57 Velocity S	4	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0065.BIAS	0	3:54	14:45:32.0	+31:31:08	300	67	3.0	#57 Velocity S	2	
0066.BIAS	5	3:54	14:45:53.2	+31:31:08	300	67	3.0	#57 Velocity S	2	swap s16d cards etc
0067.Feige66	75	3:57	12:34:54.7	25:20:31	300	70	3.0	#56 Spectropho	2	
0068.Feige66	75	3:58	12:34:54.7	25:20:31	300	70	3.0	#56 Spectropho	2	
0069.COMP	10	4:00	12:34:54.7	25:20:31	300	70	3.0	#56 Spectropho	2	
0070.N4051	180	4:01	12:03:09.7	+44:31:53	300	97	3.0	#6 AGN Monitor	4	
0071.N4051	180	4:05	12:03:09.7	+44:31:53	300	97	3.0	#6 AGN Monitor	4	
0072.COMP	5	4:08	12:03:09.7	+44:31:53	300	97	3.0	#6 AGN Monitor	4	
0073.N4151	35	4:09	12:10:32.6	+39:24:21	300	89	3.0	#6 AGN Monitor	4	
0074.N4151	35	4:09	12:10:32.6	+39:24:21	300	89	3.0	#6 AGN Monitor	4	
0075.COMP	5	4:10	12:10:32.6	+39:24:21	300	89	3.0	#6 AGN Monitor	4	
0076.M87	180	4:12	12:30:49.4	12:23:28	300	55	3.0	#6 AGN Monitor	4	
0077.M87	180	4:15	12:30:49.4	12:23:28	300	55	3.0	#6 AGN Monitor	4	
0078.COMP	5	4:18	12:30:49.4	12:23:28	300	55	3.0	#6 AGN Monitor	4	
0079.N5548	180	4:19	14:17:59.6	+25:08:12	300	55	3.0	#6 AGN Monitor	4	
0080.N5548	180	4:22	14:17:59.6	+25:08:12	300	55	3.0	#6 AGN Monitor	4	
0081.COMP	5	4:25	14:17:59.6	+25:08:12	300	55	3.0	#6 AGN Monitor	4	
0082.MRK279	180	4:28	13:51:53.6	69:33:13	300	0	3.0	#6 AGN Monitor	4	
0083.MRK279	180	4:31	13:51:53.6	69:33:13	300	0	3.0	#6 AGN Monitor	4	
0084.COMP	5	4:34	13:51:53.6	69:33:13	300	0	3.0	#6 AGN Monitor	4	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0085.sn2003fd	1200	4:39	13:41:43.7	+40:52:38	300	100	3.0	#2 SN Observat	2	
0086.COMP	10	5:00	13:41:43.7	+40:52:38	300	100	3.0	#2 SN Observat	2	
0087.BIAS	0	5:03	16:00:00	32:00:00	600	100	2.0	#2 SN Observat	4	
0088.COMP	10	5:04	14:20:37.3	+46:37:09	600	100	2.0	#122 Halo Star	4	600-line, 2-sec, blue Warren
0089.hs1438	600	5:06	14:20:37.3	+46:37:09	600	90	2.0	#122 Halo Star	4	
0090.COMP	10	5:16	14:20:37.3	+46:37:09	600	90	2.0	#122 Halo Star	4	
0091.hs1439	600	5:18	14:20:43.7	+55:20:39	600	90	2.0	#122 Halo Star	4	
0092.COMP	5	5:28	14:20:43.7	+55:20:39	600	90	2.0	#122 Halo Star	4	
0093.hs1440	900	5:29	14:21:29.0	+50:53:37	600	90	2.0	#122 Halo Star	4	
0094.COMP	10	5:44	14:21:29.0	+50:53:37	600	90	2.0	#122 Halo Star	4	
0095.hs1441	660	5:45	14:22:01.5	+34:55:24	600	90	2.0	#122 Halo Star	4	
0096.COMP	10	5:57	14:22:01.5	+34:55:24	600	90	2.0	#122 Halo Star	4	
0097.hs1442	900	5:58	14:22:41.5	+43:41:24	600	90	2.0	#122 Halo Star	4	
0098.COMP	10	6:13	14:22:41.5	+43:41:24	600	90	2.0	#122 Halo Star	4	
0099.hs1481	600	6:15	15:20:31.2	+63:52:08	600	90	2.0	#122 Halo Star	4	
0100.COMP	10	6:26	15:20:31.2	+63:52:08	600	90	2.0	#122 Halo Star	4	
0101.hs1482	600	6:27	15:21:41.1	+48:58:38	600	90	2.0	#122 Halo Star	4	
0102.COMP	10	6:37	15:21:41.1	+48:58:38	600	90	2.0	#122 Halo Star	4	
0103.hs1483	600	6:38	15:24:44.2	+46:54:15	600	90	2.0	#122 Halo Star	4	
0104.COMP	10	6:48	15:24:44.2	+46:54:15	600	90	2.0	#122 Halo Star	4	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0105.hs1484	600	6:49	15:24:56.4	+44:42:21	600	90	2.0	#122 Halo Star	4	
0106.COMP	10	7:00	15:24:56.4	+44:42:21	600	90	2.0	#122 Halo Star	4	
0107.hs1485	720	7:01	15:24:56.5	+63:35:53	600	90	2.0	#122 Halo Star	4	
0108.COMP	10	7:13	15:24:56.5	+63:35:53	600	90	2.0	#122 Halo Star	4	
0109.hs1486	900	7:14	15:25:28.3	+63:09:43	600	90	2.0	#122 Halo Star	4	
0110.COMP	10	7:29	15:25:28.3	+63:09:43	600	90	2.0	#122 Halo Star	4	
0111.hs1520	900	7:30	16:00:52.9	+51:09:21	600	90	2.0	#122 Halo Star	4	
0112.COMP	10	7:46	16:00:52.9	+51:09:21	600	90	2.0	#122 Halo Star	4	
0113.hs1521	900	7:46	16:01:48.5	+57:20:16	600	90	2.0	#122 Halo Star	4	
0114.COMP	10	8:02	16:01:48.5	+57:20:16	600	90	2.0	#122 Halo Star	4	
0115.hs1567	720	8:03	16:40:39.7	+45:00:03	600	90	2.0	#122 Halo Star	4	
0116.COMP	10	8:15	16:40:39.7	+45:00:03	600	90	2.0	#122 Halo Star	4	
0117.hs1568	900	8:16	16:41:20.1	+42:39:41	600	90	2.0	#122 Halo Star	4	
0118.COMP	10	8:31	16:41:20.1	+42:39:41	600	90	2.0	#122 Halo Star	4	
0119.hs1564	1200	8:32	16:36:37.3	+47:03:09	600	80	2.0	#122 Halo Star	4	
0120.COMP	10	8:54	16:36:37.3	+47:03:09	600	80	2.0	#122 Halo Star	4	
0121.hs1563	720	8:54	16:34:21.2	+49:39:01	600	80	2.0	#122 Halo Star	4	
0122.COMP	10	9:07	16:34:21.2	+49:39:01	600	80	2.0	#122 Halo Star	4	
0123.HD192281	7	9:09	20:10:46.8	40:07:01	600	0	2.0	#122 Halo Star	4	
0124.HD192281	15	9:09	20:10:46.8	40:07:01	600	0	2.0	#122 Halo Star	4	

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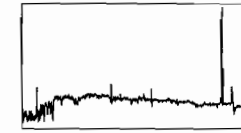
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0125.HD192281	15	9:09	20:10:46.8	40:07:01	600	0	2.0	#122 Halo Star	4	
0126.HD192281	15	9:10	20:10:46.8	40:07:01	600	0	2.0	#122 Halo Star	4	
0127.COMP	10	9:10	20:10:46.8	40:07:01	600	0	2.0	#122 Halo Star	4	
0128.BDp284211	100	9:12	21:48:57.1	28:37:48	600	100	2.0	#122 Halo Star	4	
0129.BDp284211	100	9:14	21:48:57.1	28:37:48	600	100	2.0	#122 Halo Star	4	
0130.BDp284211	120	9:16	21:48:57.1	28:37:48	600	100	2.0	#122 Halo Star	4	
0131.COMP	10	9:18	21:48:57.1	28:37:48	600	100	2.0	#122 Halo Star	4	
0132-0141.FLAT	40	9:26	21:48:57.1	28:37:48	600	90	2.0	#122 Halo Star	4	
0142.BIAS	0	9:29	21:48:57.1	28:37:48	300	90	3.0	#122 Halo Star	4	300-line, 3-sec combo
0143.COMP	5	9:29	21:48:57.1	28:37:48	300	90	3.0	#122 Halo Star	4	clouds!
0144.FUCep	1200	9:35	21:01:46.8	+68:08:46	300	90	3.0	#89 Herbig Ae/	4	
0145.COMP	5	9:55	21:01:46.8	+68:08:46	300	90	3.0	#89 Herbig Ae/	4	
0146.FUCep	1200	9:56	21:01:46.8	+68:08:46	300	90	3.0	#89 Herbig Ae/	4	
0147.COMP	5	10:16	21:01:46.8	+68:08:46	300	90	3.0	#89 Herbig Ae/	4	
0148.sn2003ep	1200	10:20	21:21:07.3	+23:05:05	300	0	3.0	#2 SN Observat	2	
0149.COMP	10	10:41	21:21:07.3	+23:05:05	300	0	3.0	#2 SN Observat	2	
0150.sn2003gf	900	10:43	22:13:40.9	-21:44:03	300	0	3.0	#2 SN Observat	2	stopped by clouds
0151.COMP	10	10:58	22:13:40.9	-21:44:03	300	0	3.0	#2 SN Observat	2	
0152.BDp284211	180	11:03	21:48:57.1	28:37:48	300	16	3.0	#56 Spectropho	2	
0153.BDp284211	120	11:06	21:48:57.1	28:37:48	300	35	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>
0154.COMP	10	11:09	21:48:57.1	28:37:48	300	35	3.0	#56 Spectropho	2	
0155.N7331	180	11:11	22:34:46.9	+34:09:43	300	90	3.0	#57 Velocity S	4	
0156.COMP	5	11:14	22:34:46.9	+34:09:43	300	90	3.0	#57 Velocity S	4	
0157.FineFoc	60	11:15	21:58:46.8	30:49:16	300	90	3.0	#89 Herbig Ae/	1	
0158.test	5	11:21	21:58:46.8	30:49:16	300	90	3.0	#89 Herbig Ae/	4	
0159-0168.BIAS	0	11:22	21:58:46.8	30:49:16	300	90	3.0	#89 Herbig Ae/	4	
0169-0178.FLAT	8	11:26	21:58:46.8	30:49:16	300	90	3.0	#89 Herbig Ae/	4	
0179-0188.BIAS	0	11:28	21:58:46.8	30:49:16	300	90	3.0	#89 Herbig Ae/	2	
0189-0198.FLAT	16	11:34	21:58:46.8	30:49:16	300	90	3.0	#89 Herbig Ae/	2	
0199.test	10	11:36	21:58:46.8	30:49:16	300	90	3.0	#89 Herbig Ae/	1	
0200.test	5	11:37	21:58:46.8	30:49:16	300	90	3.0	#89 Herbig Ae/	2	
0201.test	5	11:37	21:58:46.8	30:49:16	300	90	3.0	#89 Herbig Ae/	2	
0202.test	5	11:38	21:58:46.8	30:49:16	300	90	3.0	#89 Herbig Ae/	4	
0203.test	5	11:42	22:35:24.5	+31:29:37	300	90	3.0	#89 Herbig Ae/	4	
0204.test	5	11:43	22:35:54.0	+31:29:37	300	90	3.0	#89 Herbig Ae/	4	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001.DARK	900	2:21	13:31:04.5	+31:31:16	300	90	3.0	#89 Herbig Ae/	4	
0002.DARK	900	2:36	13:46:11.9	+31:31:15	300	90	3.0	#89 Herbig Ae/	4	
0003.DARK	900	2:51	14:01:22.6	+31:31:13	300	90	3.0	#89 Herbig Ae/	4	
0004-0013.BIAS	0	3:12	14:07:55.0	+31:31:13	300	90	3.0	#89 Herbig Ae/	4	
0014-0020.FLAT	6	3:14	14:10:02.6	+31:31:13	300	90	3.0	#89 Herbig Ae/	4	
0021-0023.FLAT	6	3:15	14:10:41.1	+31:31:12	300	90	3.0	#89 Herbig Ae/	4	
0024-0033.BIAS	0	3:18	14:13:09.6	+31:31:12	300	90	3.0	#89 Herbig Ae/	2	
0034-0043.FLAT	12	3:22	14:17:42.8	+31:31:12	300	90	3.0	#89 Herbig Ae/	2	
0044.BDp332642	90	3:32	15:50:03	33:05:49	300	90	3.0	#56 Spectropho	2	
0045.COMP	12	3:34	15:50:03	33:05:49	300	90	3.0	#56 Spectropho	2	
0046.BDp332642	90	3:36	15:50:03	33:05:49	300	92	3.0	#56 Spectropho	2	
0047.COMP	12	3:38	15:50:03	33:05:49	300	92	3.0	#56 Spectropho	2	
0048.MRK421	300	3:41	11:04:27.4	+38:12:32	300	90	3.0	#133 MRK421 an	2	
0049.MRK421	300	3:46	11:04:27.4	+38:12:32	300	90	3.0	#133 MRK421 an	2	
0050.MRK421	300	3:51	11:04:27.4	+38:12:32	300	90	3.0	#133 MRK421 an	2	
0051.COMP	12	3:57	11:04:27.4	+38:12:32	300	90	3.0	#133 MRK421 an	2	
0052.sn2003fd	1200	4:06	13:41:43.7	40:52:38	300	110	3.0	#2 SN Observat	2	
0053.sn2003fd	1200	4:26	13:41:43.7	40:52:38	300	110	3.0	#2 SN Observat	2	
0054.COMP	12	4:47	13:41:43.7	40:52:38	300	110	3.0	#2 SN Observat	2	
0055.2M143100.2p354427	1200	5:07	14:31:00.2	+35:44:27	300	90	3.0	#146 SIRTf	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0056.COMP	12	5:28	14:31:00.2	+35:44:27	300	90	3.0	#146 SIRTF	2	
0057.sn2003du	1200	6:38	14:34:35.8	59:20:03	300	110	3.0	#2 SN Observat	2	
0058.COMP	12	6:59	14:34:35.8	59:20:03	300	110	3.0	#146 SIRTF	2	
0059.sn2003fa	1200	7:03	17:44:07.7	+40:52:51	300	-17	3.0	#2 SN Observat	2	
0060.COMP	12	7:23	17:44:07.7	+40:52:51	300	-17	3.0	#2 SN Observat	2	
0061.hs1414	780	7:32	13:50:32.7	+35:31:05	600	90	2.0	#122 Halo Star	4	600L, 2arcsec, tilt=430
0062.COMP	10	7:46	13:50:32.7	+35:31:05	600	90	2.0	#122 Halo Star	4	
0063.hs1415	552	7:47	13:51:13.3	+41:10:16	600	90	2.0	#122 Halo Star	4	
0064.COMP	10	7:56	13:51:13.3	+41:10:16	600	90	2.0	#122 Halo Star	4	
0065.hs1416	558	7:57	13:51:45.8	+36:48:43	600	90	2.0	#122 Halo Star	4	clouds - get again
0066.COMP	10	8:07	13:51:45.8	+36:48:43	600	90	2.0	#122 Halo Star	4	
0067.hs1416	558	8:08	13:51:45.8	+36:48:43	600	90	2.0	#122 Halo Star	4	
0068.COMP	10	8:17	13:51:45.8	+36:48:43	600	90	2.0	#122 Halo Star	4	
0069.hs1522	1176	8:19	16:01:56.9	+48:35:47	600	90	2.0	#122 Halo Star	4	
0070.COMP	10	8:40	16:01:56.9	+48:35:47	600	90	2.0	#122 Halo Star	4	
0071.hs1523	480	8:41	16:02:18.2	+55:56:46	600	90	2.0	#122 Halo Star	4	
0072.COMP	10	8:49	16:02:18.2	+55:56:46	600	90	2.0	#122 Halo Star	4	
0073.hs1524	1098	8:50	16:02:27.8	+60:30:56	600	90	2.0	#122 Halo Star	4	
0074.COMP	10	9:09	16:02:27.8	+60:30:56	600	90	2.0	#122 Halo Star	4	
0075.BDp284211	120	9:22	21:48:57.1	28:37:48	600	90	2.0	#56 Spectropho	4	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0076.COMP	10	9:25	21:48:57.1	28:37:48	600	90	2.0	#56 Spectropho	4	
0077-0086.FLAT	40	9:33	21:48:57.1	28:37:48	600	90	2.0	#2 SN Observat	4	
0087.2M21313077p3856381	300	10:19	21:31:30.7	+38:56:38	300	90	3.0	#68 2MASS Reds	2	combo setup, clouds, try again...
0088.COMP	12	10:24	21:31:30.7	+38:56:38	300	90	3.0	#68 2MASS Reds	2	
0089.2M21313077p3856381	720	10:25	21:31:30.7	+38:56:38	300	90	3.0	#68 2MASS Reds	2	
0090.COMP	12	10:38	21:31:30.7	+38:56:38	300	90	3.0	#68 2MASS Reds	2	
0091.2M21314828p3940540	720	10:49	21:31:48.2	+39:40:54	300	90	3.0	#68 2MASS Reds	2	
0092.COMP	12	11:02	21:31:48.2	+39:40:54	300	90	3.0	#68 2MASS Reds	2	
0093.2M21315372p4417011	480	11:06	21:31:53.7	+44:17:01	300	90	3.0	#68 2MASS Reds	2	
0094.COMP	12	11:14	21:31:53.7	+44:17:01	300	90	3.0	#68 2MASS Reds	2	
0095.BDp284211	90	11:16	21:48:57.1	28:37:48	300	90	3.0	#56 Spectropho	2	
0096.COMP	12	11:18	21:48:57.1	28:37:48	300	90	3.0	#56 Spectropho	2	
0097.M31	60	11:20	00:40:00.0	+40:59:42	300	90	3.0	#57 Velocity S	2	
0098.COMP	12	11:21	00:40:00.0	+40:59:42	300	90	3.0	#57 Velocity S	2	
0099.ZAnd	2	11:23	23:33:40	48:49:06	300	90	3.0	#12 Symbiotic	2	
0100.ZAnd	5	11:23	23:33:40	48:49:06	300	90	3.0	#12 Symbiotic	2	
0101.ZAnd	15	11:23	23:33:40	48:49:06	300	90	3.0	#12 Symbiotic	2	
0102.COMP	12	11:24	23:33:40	48:49:06	300	90	3.0	#12 Symbiotic	2	
0103-0112.BIAS	0	11:29	23:33:40	48:49:06	300	90	3.0	#68 2MASS Reds	2	
0113-0122.FLAT	12	11:34	23:33:40	48:49:06	300	90	3.0	#68 2MASS Reds	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>
0123-0132.DARK	900	14:08	23:33:40	48:49:06	300	90	3.0	#68 2MASS Reds	2	

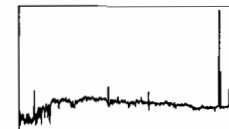
UT Date 2003-06-28 Observers Ginsburg/CalkinsColl. Focus 825 Grating/Grism 300

<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	1:27	23:33:40	48:49:06	300	90	3.0	#68 2MASS Reds	4	
0011-0020.FLAT	12	2:17	13:16:37.6	+31:31:17	300	90	3.0	#68 2MASS Reds	2	
0021-0030.BIAS	0	2:20	13:19:15.4	+31:31:17	300	90	3.0	#68 2MASS Reds	2	
0031-0035.sky	2	2:55	13:54:03.7	+31:31:14	300	90	3.0	#57 Velocity S	2	
0036.COMP	12	2:55	13:54:59.6	+31:31:14	300	90	3.0	#57 Velocity S	2	
0037.BDp332642	90	3:26	15:50:03	33:05:49	300	90	3.0	#56 Spectropho	2	
0038.BDp332642	90	3:28	15:50:03	33:05:49	300	90	3.0	#56 Spectropho	2	
0039.COMP	12	3:30	15:50:03	33:05:49	300	90	3.0	#56 Spectropho	2	
0040.BDp332642	90	3:33	15:50:03	33:05:49	300	95	3.0	#56 Spectropho	2	
0041.COMP	12	3:36	15:50:03	33:05:49	300	95	3.0	#56 Spectropho	2	
0042.N4051	180	3:39	12:03:09.7	+44:31:53	300	90	3.0	#6 AGN Monitor	2	
0043.N4051	180	3:42	12:03:09.7	+44:31:53	300	90	3.0	#6 AGN Monitor	2	
0044.N4051	180	3:45	12:03:09.7	+44:31:53	300	90	3.0	#6 AGN Monitor	2	
0045.COMP	12	3:49	12:03:09.7	+44:31:53	300	90	3.0	#6 AGN Monitor	2	
0046.sn2003fd	1200	3:56	13:41:43.7	+40:52:38	300	110	3.0	#2 SN Observat	2	
0047.sn2003fd	1200	4:17	13:41:43.7	+40:52:38	300	110	3.0	#2 SN Observat	2	
0048.COMP	12	4:37	13:41:43.7	+40:52:38	300	110	3.0	#2 SN Observat	2	
0049.N4151	30	4:40	12:10:32.6	+39:24:21	300	90	3.0	#6 AGN Monitor	2	
0050.N4151	30	4:41	12:10:32.6	+39:24:21	300	90	3.0	#6 AGN Monitor	2	
0051.COMP	12	4:42	12:10:32.6	+39:24:21	300	90	3.0	#6 AGN Monitor	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0052.M87	180	4:43	12:30:49.4	12:23:28	300	90	3.0	#6 AGN Monitor	2	
0053.M87	180	4:46	12:30:49.4	12:23:28	300	90	3.0	#6 AGN Monitor	2	
0054.COMP	12	4:50	12:30:49.4	12:23:28	300	90	3.0	#6 AGN Monitor	2	
0055.MRK279	180	4:53	13:51:53.6	69:33:13	300	90	3.0	#6 AGN Monitor	2	
0056.MRK279	180	4:56	13:51:53.6	69:33:13	300	90	3.0	#6 AGN Monitor	2	
0057.COMP	12	5:00	13:51:53.6	69:33:13	300	90	3.0	#6 AGN Monitor	2	
0058.N5548	180	5:03	14:17:59.6	+25:08:12	300	90	3.0	#6 AGN Monitor	2	
0059.N5548	180	5:06	14:17:59.6	+25:08:12	300	90	3.0	#6 AGN Monitor	2	
0060.N5548	180	5:09	14:17:59.6	+25:08:12	300	90	3.0	#6 AGN Monitor	2	
0061.COMP	12	5:13	14:17:59.6	+25:08:12	300	90	3.0	#6 AGN Monitor	2	
0062.sn2003fa	1200	5:24	17:44:07.7	+40:52:51	300	67	3.0	#2 SN Observat	2	
0063.COMP	12	5:45	17:44:07.7	+40:52:51	300	67	3.0	#2 SN Observat	2	
0064.BDp332642	90	5:58	15:50:03	33:05:49	300	90	3.0	#122 Halo Star	2	
0065.COMP	12	6:00	15:50:03	33:05:49	300	90	3.0	#122 Halo Star	2	
0066.a2199kf_018	720	6:06	16:12:37.5	37:30:53	300	90	3.0	#64 Cluster In	2	
0067.COMP	12	6:18	16:12:37.5	37:30:53	300	90	3.0	#64 Cluster In	2	
0068.a2199kf_019	900	6:21	16:09:52.7	42:46:22	300	90	3.0	#64 Cluster In	2	
0069.COMP	12	6:36	16:09:52.7	42:46:22	300	90	3.0	#64 Cluster In	2	
0070.a2199kf_020	1200	6:37	16:27:31.6	43:24:22	300	90	3.0	#64 Cluster In	2	
0071.COMP	12	6:58	16:27:31.6	43:24:22	300	90	3.0	#64 Cluster In	2	

Between files 63+64 there was an unsuccessful grating change
so 300 l/mm data will be reduced in two sets.

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File	Exp Time	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0072.a2199kf_021	720	16:08:13.0	42:39:24	300	90	3.0	#64 Cluster In	2	
0073.COMP	12	16:08:13.0	42:39:24	300	90	3.0	#64 Cluster In	2	
0074.a2199kf_022	720	16:29:46.5	40:52:29	300	90	3.0	#64 Cluster In	2	
0075.COMP	12	16:29:46.5	40:52:29	300	90	3.0	#64 Cluster In	2	
0076.a2199kf_023	1080	16:32:20.8	39:03:03	300	80	3.0	#64 Cluster In	2	
0077.COMP	12	16:32:20.8	39:03:03	300	80	3.0	#64 Cluster In	2	
0078.a2199kf_024	1200	16:22:05.5	38:00:09	300	70	3.0	#64 Cluster In	2	
0079.COMP	12	16:22:05.5	38:00:09	300	70	3.0	#64 Cluster In	2	
0080.RS0ph	10	17:50:13	-06:42:30	300	90	3.0	#12 Symbiotic	2	
0081.RS0ph	60	17:50:13	-06:42:30	300	90	3.0	#12 Symbiotic	2	
0082.RS0ph	150	17:50:13	-06:42:30	300	90	3.0	#12 Symbiotic	2	
0083.COMP	12	17:50:13	-06:42:30	300	90	3.0	#12 Symbiotic	2	
0084.3C390.3	360	18:42:09.1	79:46:17	300	90	3.0	#6 AGN Monitor	2	
0085.3C390.3	360	18:42:09.1	79:46:17	300	90	3.0	#6 AGN Monitor	2	
0086.COMP	12	18:42:09.1	79:46:17	300	90	3.0	#6 AGN Monitor	2	
0087.MRK509	180	20:44:09.8	-10:43:24	300	90	3.0	#6 AGN Monitor	2	
0088.MRK509	180	20:44:09.8	-10:43:24	300	90	3.0	#6 AGN Monitor	2	
0089.COMP	12	20:44:09.8	-10:43:24	300	90	3.0	#6 AGN Monitor	2	
0090.Akn564	300	22:42:39.4	+29:43:31	300	90	3.0	#6 AGN Monitor	2	
0091.Akn564	300	22:42:39.4	+29:43:31	300	90	3.0	#6 AGN Monitor	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0092.COMP	12	8:55	22:42:39.4	+29:43:31	300	90	3.0	#6 AGN Monitor	2	
0093.2M17443087m0909036	1200	8:59	17:44:30.8	-09:09:03	300	80	3.0	#68 2MASS Reds	2	H alpha? row=79
0094.COMP	12	9:19	17:44:30.8	-09:09:03	300	80	3.0	#68 2MASS Reds	2	
0095.2M17570553m0414033	1200	9:23	17:57:05.5	-04:14:03	300	90	3.0	#68 2MASS Reds	2	row=77
0096.COMP	12	9:43	17:57:05.5	-04:14:03	300	90	3.0	#68 2MASS Reds	2	
0097.sn2003ep	1020	10:21	21:21:07.3	+23:05:05	300	-15	3.0	#2 SN Observat	2	shorten for clouds...
0098.COMP	12	10:38	21:21:07.3	+23:05:05	300	-15	3.0	#2 SN Observat	2	
0099-0108.BIAS	0	10:48	21:21:07.3	+23:05:05	300	90	3.0	#122 Halo Star	2	
0109-0118.FLAT	12	10:55	21:21:07.3	+23:05:05	300	90	3.0	#122 Halo Star	2	
0119-0128.DARK	900	13:14	21:21:07.3	+23:05:05	300	90	3.0	#122 Halo Star	2	

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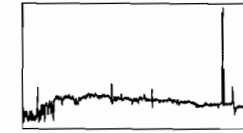
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001-0010.DARK	900	22:44	21:21:07.3	+23:05:05	300	90	3.0	#122 Halo Star	2	
0011-0020.BIAS	0	1:36	21:21:07.3	+23:05:05	300	90	3.0	#122 Halo Star	2	
0021-0030.FLAT	12	1:43	21:21:07.3	+23:05:05	300	90	3.0	#122 Halo Star	2	
0031.BDp332642	90	3:39	15:50:03	33:05:49	300	90	3.0	#56 Spectropho	2	
0032.COMP	12	3:42	15:50:03	33:05:49	300	90	3.0	#56 Spectropho	2	
0033.BDp332642	90	3:47	15:50:03	33:05:49	300	88	3.0	#56 Spectropho	2	
0034.COMP	12	3:49	15:50:03	33:05:49	300	88	3.0	#56 Spectropho	2	
0035.sn2003du	1200	3:58	14:34:35.8	59:20:03	300	-11	3.0	#2 SN Observat	2	NOT A SN!
0036.COMP	12	4:19	14:34:35.8	59:20:03	300	-11	3.0	#2 SN Observat	2	
0037.143348p22010_c	1200	4:27	14:36:4.2	21:49:7	300	90	3.0	#113 Interacti	2	
0038.COMP	12	4:48	14:36:4.2	21:49:7	300	90	3.0	#113 Interacti	2	
0039.143348p22010_b	1200	4:55	14:36:6.2	21:48:0	300	90	3.0	#113 Interacti	2	
0040.COMP	12	5:15	14:36:6.2	21:48:0	300	90	3.0	#113 Interacti	2	
0041.140906p19240_c	1200	5:24	14:11:22.5	19:9:1	300	90	3.0	#113 Interacti	2	
0042.COMP	12	5:44	14:11:22.5	19:9:1	300	90	3.0	#113 Interacti	2	
0043.142954p36310_b	1200	5:49	14:31:57.6	36:18:11	300	90	3.0	#113 Interacti	2	
0044.COMP	12	6:09	14:31:57.6	36:18:11	300	90	3.0	#113 Interacti	2	
0045.2M144156.2p340040	1200	6:26	14:41:56.2	+34:00:40	300	90	3.0	#146 SIRTF	2	
0046.COMP	12	6:46	14:41:56.2	+34:00:40	300	90	3.0	#146 SIRTF	2	
0047.2M18481149p1234322	1200	7:01	18:48:11.4	+12:34:32	300	90	3.0	#68 2MASS Reds	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0048.COMP	12	7:21	18:48:11.4	+12:34:32	300	90	3.0	#68 2MASS Reds	2	
0049.2M18421925p1742167	1200	7:29	18:42:19.2	+17:42:16	300	90	3.0	#68 2MASS Reds	2	
0050.COMP	12	7:49	18:42:19.2	+17:42:16	300	90	3.0	#68 2MASS Reds	2	
0051.novasag3	30	7:57	19:01:9.3	-22:00:5	300	0	3.0	#2 SN Observat	2	
0052.COMP	12	7:59	19:01:9.3	-22:00:5	300	0	3.0	#2 SN Observat	2	
0053.novasag3	300	8:00	19:01:9.3	-22:00:5	300	0	3.0	#2 SN Observat	2	
0054.COMP	12	8:06	19:01:9.3	-22:00:5	300	0	3.0	#2 SN Observat	2	
0055.2M19021072m0705134	1200	8:15	19:02:10.7	-07:05:13	300	90	3.0	#68 2MASS Reds	2	
0056.COMP	12	8:36	19:02:10.7	-07:05:13	300	90	3.0	#68 2MASS Reds	2	
0057.2M19034184m0626471	1200	8:39	19:03:41.8	-06:26:47	300	90	3.0	#68 2MASS Reds	2	
0058.COMP	12	8:59	19:03:41.8	-06:26:47	300	90	3.0	#68 2MASS Reds	2	
0059.2M19152093p2254593	1200	9:05	19:15:20.9	+22:54:59	300	90	3.0	#68 2MASS Reds	2	
0060.COMP	12	9:25	19:15:20.9	+22:54:59	300	90	3.0	#68 2MASS Reds	2	
0061.sn2003gg	1200	9:32	20:28:10.6	-18:17:32	300	2	3.0	#2 SN Observat	2	NOT A SN
0062.COMP	12	9:53	20:28:10.6	-18:17:32	300	2	3.0	#2 SN Observat	2	
0063.2M21002033p3517402	1200	10:02	21:00:20.3	+35:17:40	300	90	3.0	#68 2MASS Reds	2	
0064.COMP	12	10:23	21:00:20.3	+35:17:40	300	90	3.0	#68 2MASS Reds	2	
0065.2M21065986p3942532	1200	10:26	21:06:59.8	+39:42:53	300	90	3.0	#68 2MASS Reds	2	
0066.COMP	12	10:46	21:06:59.8	+39:42:53	300	90	3.0	#68 2MASS Reds	2	
0067.2M21283297p3728032	1200	10:51	21:28:32.9	+37:28:03	300	90	3.0	#68 2MASS Reds	2	

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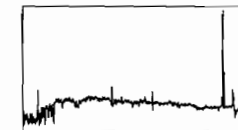
<i>File</i>	<i>Exp Time</i>	<i>RA</i>	<i>Dec</i>	<i>Gr.</i>	<i>P.A.</i>	<i>Slit</i>	<i>Program</i>	<i>Bin</i>	<i>Comments</i>
0068.COMP	12	21:28:32.9	+37:28:03	300	90	3.0	#68 2MASS Reds	2	
0069-0078.BIAS	0	21:13:35.5	+58:17:54	300	90	3.0	#68 2MASS Reds	2	
0079-0088.FLAT	12	21:13:35.5	+58:17:54	300	90	3.0	#68 2MASS Reds	2	
0089-0098.DARK	900	21:13:35.5	+58:17:54	300	90	3.0	#68 2MASS Reds	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0001-0010.DARK	900	0:22	21:13:35.5	+58:17:54	300	90	3.0	#68 2MASS Reds	2	
0011-0020.FLAT	12	2:01	21:13:35.5	+58:17:54	300	90	3.0	#68 2MASS Reds	2	
0021-0030.BIAS	0	2:07	21:13:35.5	+58:17:54	300	90	3.0	#68 2MASS Reds	2	
0031.BDp332642	90	3:50	15:50:03	33:05:49	300	90	3.0	#56 Spectropho	2	
0032.COMP	12	3:52	15:50:03	33:05:49	300	90	3.0	#56 Spectropho	2	
0033.BDp332642	90	3:54	15:50:03	33:05:49	300	86	3.0	#56 Spectropho	2	
0034.COMP	12	3:57	15:50:03	33:05:49	300	86	3.0	#56 Spectropho	2	
0035.sn2003fd	1200	4:11	13:41:43.7	40:52:38	300	-70	3.0	#2 SN Observat	2	
0036.COMP	12	4:32	13:41:43.7	40:52:38	300	-70	3.0	#2 SN Observat	2	
0037.sn2003fd	900	4:35	13:41:43.7	40:52:38	300	-70	3.0	#2 SN Observat	2	
0038.COMP	12	4:50	13:41:43.7	40:52:38	300	-70	3.0	#2 SN Observat	2	
0039.sn2003fa	1200	5:09	17:44:07.7	+40:52:51	300	73	3.0	#2 SN Observat	2	
0040.COMP	12	5:29	17:44:07.7	+40:52:51	300	73	3.0	#2 SN Observat	2	
0041.sn2003fd	1200	5:39	13:41:43.7	+40:52:38	300	89	3.0	#2 SN Observat	2	
0042.COMP	12	6:00	13:41:43.7	+40:52:38	300	89	3.0	#2 SN Observat	2	
0043.2M142303.0p343829	300	6:05	14:23:03.0	+34:38:29	300	90	3.0	#146 SIRTf	2	
0044.COMP	12	6:11	14:23:03.0	+34:38:29	300	90	3.0	#146 SIRTf	2	
0045.2M142348.2p345035	600	6:13	14:23:48.2	+34:50:35	300	90	3.0	#146 SIRTf	2	
0046.COMP	12	6:23	14:23:48.2	+34:50:35	300	90	3.0	#146 SIRTf	2	
0047.2M142353.8p333042	1200	6:26	14:23:53.8	+33:30:42	300	90	3.0	#146 SIRTf	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0048.COMP	12	6:47	14:23:53.8	+33:30:42	300	90	3.0	#146 SIRTF	2	
0049.2M142359.8p355502	900	6:49	14:23:59.8	+35:55:02	300	90	3.0	#146 SIRTF	2	
0050.COMP	12	7:05	14:23:59.8	+35:55:02	300	90	3.0	#146 SIRTF	2	
0051.2M17580034p0053301	1200	7:11	17:58:00.3	+00:53:30	300	90	3.0	#68 2MASS Reds	2	
0052.COMP	12	7:32	17:58:00.3	+00:53:30	300	90	3.0	#68 2MASS Reds	2	
0053.2M18002601m0119063	1200	7:34	18:00:26.0	-01:19:06	300	90	3.0	#68 2MASS Reds	2	
0054.COMP	12	7:55	18:00:26.0	-01:19:06	300	90	3.0	#68 2MASS Reds	2	
0055.novasag3	30	8:03	19:01:9.3	-22:00:5	300	2	3.0	#2 SN Observat	2	
0056.COMP	12	8:05	19:01:9.3	-22:00:5	300	2	3.0	#2 SN Observat	2	
0057.novasag3	15	8:06	19:01:9.3	-22:00:5	300	2	3.0	#2 SN Observat	2	
0058.COMP	12	8:07	19:01:9.3	-22:00:5	300	2	3.0	#2 SN Observat	2	
0059.novasag3	300	8:07	19:01:9.3	-22:00:5	300	2	3.0	#2 SN Observat	2	
0060.COMP	12	8:13	19:01:9.3	-22:00:5	300	2	3.0	#2 SN Observat	2	
0061.2M21083529p6347082	1200	8:21	21:08:35.2	+63:47:08	300	90	3.0	#68 2MASS Reds	2	
0062.COMP	12	8:42	21:08:35.2	+63:47:08	300	90	3.0	#68 2MASS Reds	2	
0063.2M20181984p2223386	1200	8:49	20:18:19.8	+22:23:38	300	90	3.0	#68 2MASS Reds	2	
0064.COMP	12	9:10	20:18:19.8	+22:23:38	300	90	3.0	#68 2MASS Reds	2	
0065.2M20212069p2230211	1200	9:12	20:21:20.6	+22:30:21	300	90	3.0	#68 2MASS Reds	2	
0066.COMP	12	9:33	20:21:20.6	+22:30:21	300	90	3.0	#68 2MASS Reds	2	
0067.2M20220989p2459351	1200	9:36	20:22:09.8	+24:59:35	300	90	3.0	#68 2MASS Reds	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0068.COMP	12	9:57	20:22:09.8	+24:59:35	300	90	3.0	#68 2MASS Reds	2	
0069.2M20311851p2436031	900	10:05	20:31:18.5	+24:36:03	300	90	3.0	#68 2MASS Reds	2	
0070.COMP	12	10:22	20:31:18.5	+24:36:03	300	90	3.0	#68 2MASS Reds	2	
0071.2M20412222p5054235	1200	10:32	20:41:22.2	+50:54:23	300	90	3.0	#68 2MASS Reds	2	
0072.COMP	12	10:53	20:41:22.2	+50:54:23	300	90	3.0	#68 2MASS Reds	2	
0073.2M21460605p4508310	1200	10:58	21:46:06.0	+45:08:31	300	90	3.0	#68 2MASS Reds	2	gal + star velocity
0074.COMP	12	11:19	21:46:06.0	+45:08:31	300	90	3.0	#68 2MASS Reds	2	
0075-0084.FLAT	12	11:29	21:46:06.0	+45:08:31	300	90	3.0	#68 2MASS Reds	2	
0085-0094.BIAS	0	11:32	21:46:06.0	+45:08:31	300	90	3.0	#68 2MASS Reds	2	
0095-0104.DARK	900	13:56	21:46:06.0	+45:08:31	300	90	3.0	#68 2MASS Reds	2	

UT Date 2003-07-01 Observers I. GinsburgColl. Focus 825 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001-0010.DARK	900	1:51	21:46:06.0	+45:08:31	300	90	3.0	#68 2MASS Reds	2	
0011-0020.FLAT	12	2:29	21:46:06.0	+45:08:31	300	90	3.0	#68 2MASS Reds	2	
0021-0030.BIAS	0	2:33	21:46:06.0	+45:08:31	300	90	3.0	#68 2MASS Reds	2	
0031.BDp332642	90	4:33	15:50:03	33:05:49	300	90	3.0	#56 Spectropho	2	
0032.COMP	12	4:35	15:50:03	33:05:49	300	90	3.0	#56 Spectropho	2	
0033.BDp332642	90	4:44	15:50:03	33:05:49	300	26	3.0	#56 Spectropho	2	
0034.COMP	12	4:46	15:50:03	33:05:49	300	26	3.0	#56 Spectropho	2	
0035.sn2003fa	1200	9:07	17:44:07.7	+40:52:51	300	95	3.0	#2 SN Observat	2	
0036.COMP	12	9:30	17:44:07.7	+40:52:51	300	95	3.0	#2 SN Observat	2	
0037-0046.BIAS	0	9:44	17:44:07.7	+40:52:51	300	95	3.0	#2 SN Observat	2	
0047-0056.FLAT	12	9:49	17:44:07.7	+40:52:51	300	95	3.0	#2 SN Observat	2	
0057-0066.DARK	900	12:09	17:44:07.7	+40:52:51	300	95	3.0	#2 SN Observat	2	