

UT Date 2009-07-17 Observers W PetersColl. Focus 1350 Grating/Grism 600

<i>File</i>	<i>Exp Time</i>	<i>UT Start</i>	<i>RA</i>	<i>Dec</i>	<i>Gr.</i>	<i>P.A.</i>	<i>Slit</i>	<i>Program</i>	<i>Bin</i>	<i>Comments</i>
0001.BIAS	0	18:34	06:51:09.2	+31:31:06	600	90	0.0	#57 Velocity S	2	
0002.COMP	10	18:34	06:51:09.2	+31:31:06	600	90	0.0	#57 Velocity S	2	
0003.COMP	10	18:36	06:51:09.2	+31:31:06	600	90	0.0	#57 Velocity S	2	

UT Date 2009-07-18 Observers NWrightColl. Focus 1350 Grating/Grism 300

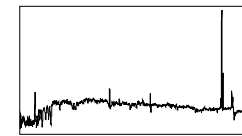
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001.COMP	10	22:46	06:51:09.2	+31:31:06	300	90	3.0	#57 Velocity S	2	
0002.COMP	10	22:49	06:51:09.2	+31:31:06	300	90	3.0	#57 Velocity S	2	
0003.COMP	10	22:51	06:51:09.2	+31:31:06	300	90	3.0	#57 Velocity S	2	
0004-0013.BIAS	0	23:16	06:51:09.2	+31:31:06	300	90	3.0	#57 Velocity S	2	
0014-0028.FLAT	7	23:22	06:51:09.2	+31:31:06	300	90	3.0	#57 Velocity S	2	
0029-0033.DARK	900	00:24	06:51:09.2	+31:31:06	300	90	3.0	#57 Velocity S	2	
0034.HD136202	5	03:53	15:19:18.8	+01:45:55	300	90	3.0	#57 Velocity S	2	
0035.HD136202	5	03:54	15:19:18.8	+01:45:55	300	90	3.0	#57 Velocity S	2	
0036.COMP	10	03:54	15:19:18.8	+01:45:55	300	90	3.0	#57 Velocity S	2	
0037.BDp332642	120	03:57	15:51:59.9	+32:56:54	300	90	3.0	#56 Spectropho	2	
0038.BDp332642	120	03:59	15:51:59.9	+32:56:54	300	90	3.0	#56 Spectropho	2	
0039.COMP	10	04:02	15:51:59.9	+32:56:54	300	90	3.0	#56 Spectropho	2	
0040.BDp262606	60	04:05	14:49:02.4	+25:42:09	300	90	3.0	#56 Spectropho	2	
0041.BDp262606	60	04:06	14:49:02.4	+25:42:09	300	90	3.0	#56 Spectropho	2	
0042.COMP	10	04:07	14:49:02.4	+25:42:09	300	90	3.0	#56 Spectropho	2	
0043.TCrB	15	04:09	15:59:30.0	+25:55:12	300	90	3.0	#12 Symbiotic	2	
0044.TCrB	60	04:10	15:59:30.0	+25:55:12	300	90	3.0	#12 Symbiotic	2	
0045.COMP	10	04:11	15:59:30.0	+25:55:12	300	90	3.0	#12 Symbiotic	2	
0046.AGDra	2	04:16	16:01:41.0	+66:48:10	300	-49	3.0	#12 Symbiotic	2	
0047.AGDra	15	04:16	16:01:41.0	+66:48:10	300	-49	3.0	#12 Symbiotic	2	

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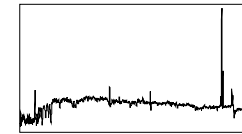
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0048.AGDra	45	04:16	16:01:41.0	+66:48:10	300	-49	3.0	#12 Symbiotic	2	
0049.AS210	10	04:17	16:51:20.3	-26:00:33	300	-49	3.0	#12 Symbiotic	2	
0050.AS210	5	04:26	16:51:20.3	-26:00:33	300	-66	3.0	#12 Symbiotic	2	
0051.AS210	300	04:26	16:51:20.3	-26:00:33	300	-66	3.0	#12 Symbiotic	2	
0052.COMP	10	04:31	16:51:20.3	-26:00:33	300	-66	3.0	#12 Symbiotic	2	
0053.RSOph	10	04:48	17:50:13.0	-06:42:30	300	-58	3.0	#12 Symbiotic	2	
0054.RSOph	60	04:49	17:50:13.0	-06:42:30	300	-58	3.0	#12 Symbiotic	2	
0055.RSOph	150	04:50	17:50:13.0	-06:42:30	300	-58	3.0	#12 Symbiotic	2	
0056.COMP	10	04:53	17:50:13.0	-06:42:30	300	-60	3.0	#12 Symbiotic	2	
0057.AS270	60	04:55	18:05:33.7	-20:20:38	300	-60	3.0	#12 Symbiotic	2	
0058.AS270	300	04:57	18:05:33.7	-20:20:38	300	-60	3.0	#12 Symbiotic	2	
0059.COMP	10	05:02	18:05:33.7	-20:20:38	300	-60	3.0	#12 Symbiotic	2	
0060.Hen1591	120	05:04	18:07:32.0	-25:53:43	300	-60	3.0	#12 Symbiotic	2	
0061.Hen1591	300	05:06	18:07:32.0	-25:53:43	300	-60	3.0	#12 Symbiotic	2	
0062.COMP	10	05:11	18:07:32.0	-25:53:43	300	-60	3.0	#12 Symbiotic	2	
0063.AS281	60	05:14	18:10:44.0	-27:57:57	300	-60	3.0	#12 Symbiotic	2	
0064.AS281	360	05:16	18:10:44.0	-27:57:57	300	-60	3.0	#12 Symbiotic	2	
0065.COMP	10	05:22	18:10:44.0	-27:57:57	300	-60	3.0	#12 Symbiotic	2	
0066.AS289	15	05:25	18:12:22.0	-11:40:08	300	-58	3.0	#12 Symbiotic	2	
0067.AS289	120	05:26	18:12:22.0	-11:40:08	300	-58	3.0	#12 Symbiotic	2	

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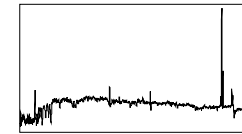
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0068.COMP	10	05:28	18:12:22.0	-11:40:08	300	-58	3.0	#12 Symbiotic	2	
0069.YYHer	10	05:35	18:14:34.0	+20:59:19	300	-60	3.0	#12 Symbiotic	2	
0070.YYHer	60	05:35	18:14:34.0	+20:59:19	300	-60	3.0	#12 Symbiotic	2	
0071.COMP	10	05:36	18:14:34.0	+20:59:19	300	-60	3.0	#12 Symbiotic	2	
0072.AS296	30	05:38	18:15:07.0	-00:18:52	300	-58	3.0	#12 Symbiotic	2	
0073.AS296	120	05:39	18:15:07.0	-00:18:52	300	-58	3.0	#12 Symbiotic	2	
0074.COMP	10	05:41	18:15:07.0	-00:18:52	300	-58	3.0	#12 Symbiotic	2	
0075.Hen1674	120	05:45	18:20:19.1	-26:22:46	300	-59	3.0	#12 Symbiotic	2	
0076.Hen1674	600	05:49	18:20:19.1	-26:22:46	300	-59	3.0	#12 Symbiotic	2	
0077.COMP	10	06:01	18:20:19.1	-26:22:46	300	-59	3.0	#12 Symbiotic	2	
0078.V443Her	5	06:04	18:22:07.0	+23:27:20	300	-61	3.0	#12 Symbiotic	2	
0079.V443Her	45	06:05	18:22:07.0	+23:27:20	300	-61	3.0	#12 Symbiotic	2	
0080.V443Her	90	06:06	18:22:07.0	+23:27:20	300	-61	3.0	#12 Symbiotic	2	
0081.COMP	10	06:11	18:22:07.0	+23:27:20	300	-61	3.0	#12 Symbiotic	2	
0082.AS316	30	06:20	18:42:33.0	-21:17:47	300	-57	3.0	#12 Symbiotic	2	
0083.AS316	300	06:20	18:42:33.0	-21:17:47	300	-57	3.0	#12 Symbiotic	2	
0084.COMP	10	06:26	18:42:33.0	-21:17:47	300	-57	3.0	#12 Symbiotic	2	
0085.AS327	30	06:36	18:53:17.0	-24:22:59	300	-57	3.0	#12 Symbiotic	2	
0086.AS327	300	06:37	18:53:17.0	-24:22:59	300	-57	3.0	#12 Symbiotic	2	
0087.COMP	10	06:42	18:53:17.0	-24:22:59	300	-57	3.0	#12 Symbiotic	2	

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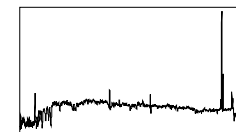
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0088.AS338	90	06:46	19:03:47.0	+16:26:17	300	-62	3.0	#12 Symbiotic	2	
0089.AS338	600	06:48	19:03:47.0	+16:26:17	300	-62	3.0	#12 Symbiotic	2	
0090.COMP	10	07:05	19:03:47.0	+16:26:17	300	-62	3.0	#12 Symbiotic	2	
0091.V919Sgr	15	07:07	19:03:45.0	-16:59:56	300	-55	3.0	#12 Symbiotic	2	
0092.V919Sgr	30	07:08	19:03:45.0	-16:59:56	300	-55	3.0	#12 Symbiotic	2	
0093.COMP	10	07:09	19:03:45.0	-16:59:56	300	-55	3.0	#12 Symbiotic	2	
0094.BFCyg	15	07:51	19:23:53.0	+29:40:27	300	-65	3.0	#12 Symbiotic	2	
0095.BFCyg	15	07:51	19:23:53.0	+29:40:27	300	-65	3.0	#12 Symbiotic	2	
0096.COMP	10	07:52	19:23:53.0	+29:40:27	300	-65	3.0	#12 Symbiotic	2	
0097.PUVu1	1	08:48	20:21:13.0	+21:34:21	300	-65	3.0	#12 Symbiotic	2	
0098.PUVu1	10	08:48	20:21:13.0	+21:34:21	300	-65	3.0	#12 Symbiotic	2	
0099.PUVu1	60	08:48	20:21:13.0	+21:34:21	300	-65	3.0	#12 Symbiotic	2	
0100.COMP	10	08:49	20:21:13.0	+21:34:21	300	-65	3.0	#12 Symbiotic	2	
0101.211255.7+093255	60	08:52	21:12:55.8	+09:32:56	300	-55	3.0	#189 S Dwarfs	2	
0102.211255.7+093255	300	08:54	21:12:55.8	+09:32:56	300	-55	3.0	#189 S Dwarfs	2	
0103.211255.7+093255	1200	09:00	21:12:55.8	+09:32:56	300	-55	3.0	#189 S Dwarfs	2	
0104.COMP	10	09:20	21:12:55.8	+09:32:56	300	-55	3.0	#189 S Dwarfs	2	
0105.223158.3+020120	300	09:25	22:31:58.4	+02:01:21	300	-55	3.0	#189 S Dwarfs	2	
0106.223158.3+020120	1800	09:31	22:31:58.4	+02:01:21	300	-55	3.0	#189 S Dwarfs	2	
0107.COMP	10	10:01	22:31:58.4	+02:01:21	300	-55	3.0	#189 S Dwarfs	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>
0108.220758.8+293956	600	10:05	22:07:58.9	+29:39:56	300	-55	3.0	#189 S Dwarfs	2	
0109.220758.8+293956	1800	10:15	22:07:58.9	+29:39:56	300	-55	3.0	#189 S Dwarfs	2	
0110.COMP	10	10:45	22:07:58.9	+29:39:56	300	-55	3.0	#189 S Dwarfs	2	
0111.224349.1+335534	120	10:49	22:43:49.2	+33:55:34	300	87	3.0	#189 S Dwarfs	2	
0112.224349.1+335534	1200	10:52	22:43:49.2	+33:55:34	300	87	3.0	#189 S Dwarfs	2	
0113.COMP	10	11:12	22:43:49.2	+33:55:34	300	87	3.0	#189 S Dwarfs	2	
0114.225131.9+034224	120	11:16	22:51:32.0	+03:42:24	300	-27	3.0	#189 S Dwarfs	2	
0115.225131.9+034224	1200	11:18	22:51:32.0	+03:42:24	300	-27	3.0	#189 S Dwarfs	2	
0116.COMP	10	11:38	22:51:32.0	+03:42:24	300	-27	3.0	#189 S Dwarfs	2	
0117-0126.BIAS	0	11:55	23:03:15.7	+08:52:27	300	89	3.0	#57 Velocity S	2	
0127-0141.FLAT	7	12:00	23:03:15.7	+08:52:27	300	89	3.0	#57 Velocity S	2	
0142-0146.DARK	900	13:06	23:03:15.7	+08:52:27	300	89	3.0	#57 Velocity S	2	
comp300+600.ms	10	05:47	10:39:36.9	+43:06:11	300	90	3.0	#56 Spectropho	1	

UT Date 2009-07-19 Observers NWrightColl. Focus 1350 Grating/Grism 300

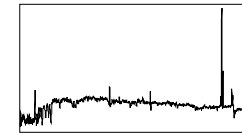
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001-0005.DARK	900	01:15	23:03:15.7	+08:52:27	300	89	3.0	#57 Velocity S	2	
0006-0015.BIAS	0	01:33	23:03:15.7	+08:52:27	300	89	3.0	#57 Velocity S	2	
0016-0030.FLAT	7	01:38	23:03:15.7	+08:52:27	300	89	3.0	#57 Velocity S	2	
0031.BDp262606	60	03:07	14:49:02.4	+25:42:09	300	90	3.0	#56 Spectropho	2	
0032.BDp262606	60	03:09	14:49:02.4	+25:42:09	300	90	3.0	#56 Spectropho	2	
0033.COMP	10	03:10	14:49:02.4	+25:42:09	300	90	3.0	#56 Spectropho	2	
0034.BDp332642	120	03:14	15:51:59.9	+32:56:54	300	90	3.0	#56 Spectropho	2	
0035.BDp332642	120	03:16	15:51:59.9	+32:56:54	300	90	3.0	#56 Spectropho	2	
0036.COMP	10	03:18	15:51:59.9	+32:56:54	300	90	3.0	#56 Spectropho	2	
0037.Hen1341	12	03:26	17:08:36.0	-17:26:30	300	-61	3.0	#12 Symbiotic	2	
0038.Hen1341	30	03:26	17:08:36.0	-17:26:30	300	-61	3.0	#12 Symbiotic	2	
0039.Hen1341	60	03:27	17:08:36.0	-17:26:30	300	-61	3.0	#12 Symbiotic	2	
0040.COMP	10	03:28	17:08:36.0	-17:26:30	300	-61	3.0	#12 Symbiotic	2	
0041.sn2009dc	1800	03:43	15:51:12.1	+25:42:28	300	-47	3.0	#2 SN Observat	2	
0042.sn2009dc	1800	04:13	15:51:12.1	+25:42:28	300	-47	3.0	#2 SN Observat	2	
0043.COMP	10	04:44	15:51:12.1	+25:42:28	300	-47	3.0	#2 SN Observat	2	
0044.sn2009gf	1800	04:52	14:15:37.1	+14:16:49	300	-35	3.0	#2 SN Observat	2	
comp300+600.ms	10	05:47	10:39:36.9	+43:06:11	300	90	3.0	#56 Spectropho	1	

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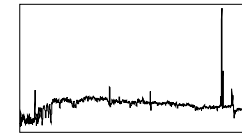
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001-0008.DARK	900	04:07	14:42:13.4	+31:32:48	600	89	0.0	#57 Velocity S	4	
0009-0018.BIAS	0	04:33	14:42:13.4	+31:32:48	600	89	0.0	#57 Velocity S	4	
0020-0029.FLAT	4	04:41	14:42:13.4	+31:32:48	300	89	3.0	#57 Velocity S	4	
0030-0039.BIAS	0	04:44	14:42:13.4	+31:32:48	300	89	3.0	#57 Velocity S	2	
0040-0049.FLAT	7	04:48	14:42:13.4	+31:32:48	300	89	3.0	#57 Velocity S	2	
0050.sn2009gf	1800	05:38	14:15:37.1	+14:16:49	300	69	3.0	#2 SN Observat	2	row = 98
0051.COMP	10	06:10	14:15:37.1	+14:16:49	300	69	3.0	#2 SN Observat	2	
0052.BDp332642	120	06:13	15:51:59.9	+32:56:54	300	79	3.0	#56 Spectropho	2	
0053.COMP	10	06:16	15:51:59.9	+32:56:54	300	79	3.0	#56 Spectropho	2	
0054.BDp262606	60	06:20	14:49:02.4	+25:42:09	300	70	3.0	#56 Spectropho	2	
0055.COMP	10	06:22	14:49:02.4	+25:42:09	300	70	3.0	#56 Spectropho	2	
0056.bhvs320	720	06:29	17:15:26.8	+40:32:57	600	91	2.0	#182 Runaway B	4	
0057.COMP	12	06:45	17:15:26.8	+40:32:57	600	91	2.0	#182 Runaway B	4	
0058.bhvs321	600	06:51	17:16:12.6	+43:10:26	600	91	2.0	#182 Runaway B	4	
0059.COMP	10	07:02	17:16:12.6	+43:10:26	600	91	2.0	#182 Runaway B	4	
0060.bhvs298	720	07:04	16:48:34.3	+33:03:58	600	91	2.0	#182 Runaway B	4	
0061.COMP	10	07:17	16:48:34.3	+33:03:58	600	91	2.0	#182 Runaway B	4	
0062.bhvs299	960	07:18	16:56:09.4	+46:13:48	600	91	2.0	#182 Runaway B	4	
0063.COMP	10	07:35	16:56:09.4	+46:13:48	600	91	2.0	#182 Runaway B	4	
0064.bhvs300	1080	07:37	16:56:42.4	+44:51:18	600	91	2.0	#182 Runaway B	4	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0065.COMP	10	07:55	16:56:42.4	+44:51:18	600	91	2.0	#182 Runaway B	4	
0066.bhvs322	600	07:58	17:20:45.1	+34:18:05	600	91	2.0	#182 Runaway B	4	
0067.COMP	10	08:09	17:20:45.1	+34:18:05	600	91	2.0	#182 Runaway B	4	
0068.bhvs344	960	08:10	18:00:03.6	+43:05:06	600	91	2.0	#182 Runaway B	4	
0069.COMP	10	08:27	18:00:03.6	+43:05:06	600	91	2.0	#182 Runaway B	4	
0070.bhvs345	720	08:28	18:12:42.7	+43:15:17	600	91	2.0	#182 Runaway B	4	
0071.COMP	10	08:41	18:12:42.7	+43:15:17	600	91	2.0	#182 Runaway B	4	
0072.bhvs346	1500	08:42	18:13:07.6	+63:19:40	600	91	2.0	#182 Runaway B	4	
0073.COMP	10	09:08	18:13:07.6	+63:19:40	600	91	2.0	#182 Runaway B	4	
0074.bhvs347	1380	09:10	18:22:43.3	+42:52:11	600	91	2.0	#182 Runaway B	4	
0075.COMP	10	09:33	18:22:43.3	+42:52:11	600	91	2.0	#182 Runaway B	4	
0076.bhvs450	660	09:35	21:07:55.1	-06:27:08	600	91	2.0	#182 Runaway B	4	
0077.COMP	10	09:48	21:07:55.1	-06:27:08	600	91	2.0	#182 Runaway B	4	
0078.BDp284211	150	10:02	21:51:11.0	+28:51:50	600	91	2.0	#56 Spectropho	4	
0079.COMP	10	10:05	21:51:11.0	+28:51:50	600	91	2.0	#56 Spectropho	4	
0080-0089.FLAT	12	10:09	21:51:11.0	+28:51:50	600	91	2.0	#56 Spectropho	4	
0090.COMP	5	10:12	21:51:11.0	+28:51:50	300	91	3.0	#56 Spectropho	4	test
0091.COMP	5	10:14	21:51:11.0	+28:51:50	300	91	3.0	#56 Spectropho	4	
0092.sn2009hi	1800	10:21	23:23:56.2	+16:46:30	300	-28	3.0	#2 SN Observat	2	
0093.COMP	10	10:52	23:23:56.2	+16:46:30	300	-28	3.0	#2 SN Observat	2	

UT Date 2009-07-20 Observers M CalkinsColl. Focus 1350 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0094.BDp284211	120	10:56	21:51:11.0	+28:51:50	300	75	3.0	#56 Spectropho	2	
0095.COMP	10	10:59	21:51:11.0	+28:51:50	300	75	3.0	#56 Spectropho	2	
0096.BDp174708	20	11:02	22:11:31.4	+18:05:34	300	49	3.0	#56 Spectropho	2	
0097.COMP	10	11:03	22:11:31.4	+18:05:34	300	49	3.0	#56 Spectropho	2	
0098.225435.6+165630	0	11:06	22:54:35.6	+16:56:31	300	89	3.0	#189 S Dwarfs	2	
0099.225435.6+165630	10	11:06	22:54:35.6	+16:56:31	300	89	3.0	#189 S Dwarfs	2	
0100.COMP	10	11:07	22:54:35.6	+16:56:31	300	89	3.0	#189 S Dwarfs	2	
0101.225435.6+165630	4	11:08	22:54:35.6	+16:56:31	300	89	3.0	#189 S Dwarfs	2	
0102.COMP	10	11:09	22:54:35.6	+16:56:31	300	89	3.0	#189 S Dwarfs	2	
0103.231608.4+285149	600	11:11	23:16:08.4	+28:51:49	300	89	3.0	#189 S Dwarfs	2	
0104.231608.4+285149	180	11:22	23:16:08.4	+28:51:49	300	89	3.0	#189 S Dwarfs	2	
0105.COMP	10	11:26	23:16:08.4	+28:51:49	300	89	3.0	#189 S Dwarfs	2	
0106.234609.7+344659	240	11:27	23:46:09.7	+34:47:00	300	89	3.0	#189 S Dwarfs	2	
0107.234609.7+344659	45	11:32	23:46:09.7	+34:47:00	300	89	3.0	#189 S Dwarfs	2	
0108.COMP	10	11:34	23:46:09.7	+34:47:00	300	89	3.0	#189 S Dwarfs	2	
0109.HD195763	180	11:37	20:32:39.0	+17:27:04	300	89	3.0	#189 S Dwarfs	2	
0110.dirs	0	11:37	20:32:39.0	+17:27:04	300	89	3.0	#189 S Dwarfs	2	
0111.COMP	10	11:41	20:32:39.0	+17:27:04	300	89	3.0	#189 S Dwarfs	2	
0112-0121.BIAS	0	11:45	20:32:39.0	+17:27:04	300	89	3.0	#2 SN Observat	4	
0122-0131.BIAS	0	11:50	20:32:39.0	+17:27:04	300	89	3.0	#2 SN Observat	2	

UT Date 2009-07-20 Observers M CalkinsColl. Focus 1350 Grating/Grism 300

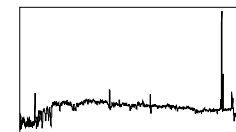
<i>File</i>	<i>Exp Time</i>	<i>UT Start</i>	<i>RA</i>	<i>Dec</i>	<i>Gr.</i>	<i>P.A.</i>	<i>Slit</i>	<i>Program</i>	<i>Bin</i>	<i>Comments</i>
0132-0161.FLAT	7	12:01	20:32:39.0	+17:27:04	300	89	3.0	#2 SN Observat	2	
0162-0171.DARK	900	14:22	20:32:39.0	+17:27:04	300	89	3.0	#2 SN Observat	2	

UT Date 2009-07-21 Observers M CalkinsColl. Focus 1350 Grating/Grism 600

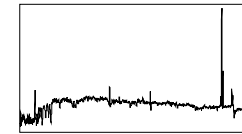
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001.BIAS	0	01:05	00:00:00.0	+00:00:00	600	0	2.0	#2 SN Observat	2	
0002.BIAS	0	02:50	15:22:05.5	+31:32:24	600	89	2.0	#2 SN Observat	2	
0003.COMP	7	02:53	15:22:05.5	+31:32:24	600	89	2.0	#2 SN Observat	2	
0004-0013.FLAT	15	03:51	15:22:05.5	+31:32:24	600	89	2.0	#2 SN Observat	2	
0014-0023.BIAS	0	03:53	15:22:05.5	+31:32:24	600	89	2.0	#2 SN Observat	2	
0024-0028.DARK	900	04:58	15:22:05.5	+31:32:24	600	89	2.0	#2 SN Observat	2	
0029.HIP113881	1	10:45	23:03:46.3	+28:04:57	600	89	2.0	#57 Velocity S	2	
0030.4U2204p543	120	10:58	22:07:57.0	+54:31:06	600	89	2.0	#176 Be/X-ray	2	
0031.COMP	7	11:01	22:07:57.0	+54:31:06	600	89	2.0	#176 Be/X-ray	2	
0032.BDp174708	60	11:03	22:11:31.5	+18:05:34	600	89	2.0	#176 Be/X-ray	2	
0033.COMP	7	11:04	22:11:31.5	+18:05:34	600	89	2.0	#176 Be/X-ray	2	
0034.4U0115p634	1800	11:08	01:18:32.0	+63:44:24	600	89	2.0	#176 Be/X-ray	2	
0035.COMP	7	11:39	01:18:32.0	+63:44:24	600	89	2.0	#176 Be/X-ray	2	
0036-0045.BIAS	0	11:52	01:18:32.0	+63:44:24	600	89	2.0	#2 SN Observat	2	
0046-0055.FLAT	15	11:59	01:18:32.0	+63:44:24	600	89	2.0	#2 SN Observat	2	
0056-0060.DARK	900	13:02	01:18:32.0	+63:44:24	600	89	2.0	#2 SN Observat	2	
comp300+600.ms	10	05:47	10:39:36.9	+43:06:11	300	90	3.0	#56 Spectropho	1	

UT Date 2009-07-22 Observers N WrightColl. Focus 1400 Grating/Grism 600

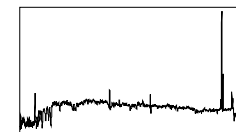
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001-0010.FLAT	15	00:16	06:10:50.6	+31:30:34	600	90	2.0	#2 SN Observat	2	
0011-0020.BIAS	0	00:23	06:10:50.6	+31:30:34	600	90	2.0	#2 SN Observat	2	
0021.COMP	10	00:32	06:10:50.6	+31:30:34	600	90	2.0	#182 Runaway B	4	
0022.COMP	10	00:43	06:10:50.6	+31:30:34	600	90	2.0	#182 Runaway B	4	
0023-0032.FLAT	12	00:47	06:10:50.6	+31:30:34	600	90	2.0	#182 Runaway B	4	
0033-0042.BIAS	0	00:49	06:10:50.6	+31:30:34	600	90	2.0	#182 Runaway B	4	
0043.COMP	5	00:51	06:10:50.6	+31:30:34	600	90	2.0	#182 Runaway B	4	
0044-0048.DARK	900	01:59	06:10:50.6	+31:30:34	600	90	2.0	#182 Runaway B	4	
0049-0053.DARK	900	03:17	06:10:50.6	+31:30:34	600	90	2.0	#182 Runaway B	2	
0054.COMP	7	05:59	06:10:50.6	+31:30:34	600	90	2.0	#176 Be/X-ray	2	
0055.XTEJ1946p274	1800	06:05	19:45:39.3	+27:21:55	600	90	2.0	#176 Be/X-ray	2	
0056.COMP	7	06:35	19:45:39.3	+27:21:55	600	90	2.0	#176 Be/X-ray	2	
0057.KS1947p300	1200	06:40	19:49:30.5	+30:12:24	600	90	2.0	#176 Be/X-ray	2	
0058.COMP	7	07:00	19:49:30.5	+30:12:24	600	90	2.0	#176 Be/X-ray	2	
0059.BDp404032	60	07:02	20:08:24.1	+41:15:04	600	90	2.0	#176 Be/X-ray	2	
0060.COMP	7	07:04	20:08:24.1	+41:15:04	600	90	2.0	#176 Be/X-ray	2	
0061.GROJ2058p42	1800	07:07	20:58:47.0	+41:46:36	600	90	2.0	#176 Be/X-ray	2	
0062.COMP	7	07:37	20:58:47.0	+41:46:36	600	90	2.0	#176 Be/X-ray	2	
0063.SAXJ21035p4545	1200	07:40	21:03:35.7	+45:45:05	600	90	2.0	#176 Be/X-ray	2	
0064.COMP	7	08:00	21:03:35.7	+45:45:05	600	90	2.0	#176 Be/X-ray	2	

UT Date 2009-07-22 Observers N WrightColl. Focus 1400 Grating/Grism 600

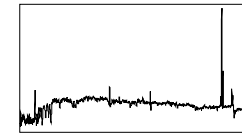
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0065.bhvs451	1380	08:38	21:08:46.7	-05:43:44	600	90	2.0	#182 Runaway B	4	
0066.COMP	10	09:02	21:08:46.7	-05:43:44	600	90	2.0	#182 Runaway B	4	
0067.bhvs452	660	09:05	21:10:10.2	-07:52:02	600	90	2.0	#182 Runaway B	4	
0068.COMP	10	09:17	21:10:10.2	-07:52:02	600	90	2.0	#182 Runaway B	4	
0069.bhvs453	1380	09:22	21:26:40.3	-03:05:54	600	90	2.0	#182 Runaway B	4	
0070.COMP	10	09:46	21:26:40.3	-03:05:54	600	90	2.0	#182 Runaway B	4	
0071.bhvs454	720	09:48	21:28:52.7	-08:16:48	600	90	2.0	#182 Runaway B	4	
0072.COMP	10	10:01	21:28:52.7	-08:16:48	600	90	2.0	#182 Runaway B	4	
0073.bhvs455	1020	10:06	21:30:50.1	-06:20:01	600	90	2.0	#182 Runaway B	4	
0074.COMP	10	10:23	21:30:50.1	-06:20:01	600	90	2.0	#182 Runaway B	4	
0075.bhvs457	1680	10:29	21:35:35.4	-07:22:58	600	90	2.0	#182 Runaway B	4	
0076.COMP	10	10:58	21:35:35.4	-07:22:58	600	90	2.0	#182 Runaway B	4	
0077.bhvs462	720	11:03	00:26:14.6	-18:23:38	600	90	2.0	#182 Runaway B	4	
0078.COMP	10	11:16	00:26:14.6	-18:23:38	600	90	2.0	#182 Runaway B	4	
0079.bhvs465	780	11:20	01:02:03.1	-09:18:55	600	90	2.0	#182 Runaway B	4	
0080.COMP	10	11:33	01:02:03.1	-09:18:55	600	90	2.0	#182 Runaway B	4	
0081-0090.FLAT	12	11:55	22:00:08.0	+01:06:28	600	90	2.0	#182 Runaway B	4	
0091-0100.BIAS	0	11:58	22:00:08.0	+01:06:28	600	90	2.0	#182 Runaway B	4	
0101-0110.FLAT	15	12:03	22:00:08.0	+01:06:28	600	90	2.0	#182 Runaway B	2	
0111-0120.BIAS	0	12:05	22:00:08.0	+01:06:28	600	90	2.0	#182 Runaway B	2	

UT Date 2009-07-22 Observers N WrightColl. Focus 1400 Grating/Grism 600

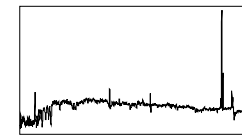
<i>File</i>	<i>Exp Time</i>	<i>UT Start</i>	<i>RA</i>	<i>Dec</i>	<i>Gr.</i>	<i>P.A.</i>	<i>Slit</i>	<i>Program</i>	<i>Bin</i>	<i>Comments</i>
0121-0125.DARK	900	13:20	22:00:08.0	+01:06:28	600	90	2.0	#182 Runaway B	4	
0126-0130.DARK	900	14:36	22:00:08.0	+01:06:28	600	90	2.0	#182 Runaway B	2	
comp300+600.ms	10	05:47	10:39:36.9	+43:06:11	300	90	3.0	#56 Spectropho	1	

UT Date 2009-07-23 Observers J. HuchraColl. Focus 1400 Grating/Grism 300

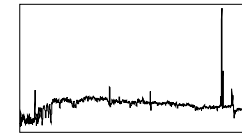
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001-0010.BIAS	0	04:23	22:00:08.0	+01:06:28	600	90	2.0	#182 Runaway B	4	
0011.DARK	900	04:25	22:00:08.0	+01:06:28	600	90	2.0	#182 Runaway B	4	
0012-0021.BIAS	0	05:15	22:00:08.0	+01:06:28	600	90	2.0	#182 Runaway B	2	
0022.COMP	10	05:57	22:00:08.0	+01:06:28	600	90	2.0	#182 Runaway B	2	
0024-0033.BIAS	0	06:18	22:00:08.0	+01:06:28	300	90	3.0	#182 Runaway B	2	
0034-0048.FLAT	7	06:23	22:00:08.0	+01:06:28	300	90	3.0	#182 Runaway B	2	
0049.BDp284211	120	06:42	21:51:11.0	+28:51:50	300	90	3.0	#56 Spectropho	2	
0050.BDp284211	120	06:46	21:51:11.0	+28:51:50	300	90	3.0	#56 Spectropho	2	
0051.COMP	10	06:48	21:51:11.0	+28:51:50	300	90	3.0	#56 Spectropho	2	
0052.BDp174708	45	06:51	22:11:31.4	+18:05:34	300	90	3.0	#56 Spectropho	2	
0053.BDp174708	45	06:52	22:11:31.4	+18:05:34	300	90	3.0	#56 Spectropho	2	
0054.BDp174708	45	06:54	22:11:31.4	+18:05:34	300	90	3.0	#56 Spectropho	2	
0055.COMP	10	06:55	22:11:31.4	+18:05:34	300	90	3.0	#56 Spectropho	2	
0056-0060.DARK	900	09:36	20:48:50.2	+31:40:13	300	90	3.0	#6 AGN Monitor	2	
comp300+600.ms	10	05:47	10:39:36.9	+43:06:11	300	90	3.0	#56 Spectropho	1	

UT Date 2009-07-24 Observers J. HuchraColl. Focus 1320 Grating/Grism 300

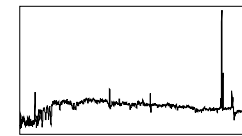
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001.fastfoc	10	21:20	20:48:50.2	+31:40:13	300	90	3.0	#6 AGN Monitor	2	
0002.fastfoc	10	21:20	20:48:50.2	+31:40:13	300	90	3.0	#6 AGN Monitor	2	
0003.fastfoc	10	21:21	20:48:50.2	+31:40:13	300	90	3.0	#6 AGN Monitor	2	
0004.fastfoc	10	21:21	20:48:50.2	+31:40:13	300	90	3.0	#6 AGN Monitor	2	
0005.fastfoc	10	21:22	20:48:50.2	+31:40:13	300	90	3.0	#6 AGN Monitor	2	
0006.fastfoc	10	21:22	20:48:50.2	+31:40:13	300	90	3.0	#6 AGN Monitor	2	
0007.fastfoc	10	21:23	20:48:50.2	+31:40:13	300	90	3.0	#6 AGN Monitor	2	
0008.fastfoc	10	21:23	20:48:50.2	+31:40:13	300	90	3.0	#6 AGN Monitor	2	
0009.fastfoc	10	21:24	20:48:50.2	+31:40:13	300	90	3.0	#6 AGN Monitor	2	
0010.HENEAR300	10	21:28	20:48:50.2	+31:40:13	300	90	3.0	#6 AGN Monitor	2	
0010.HENEAR300.ms	10	21:28	20:48:50.2	+31:40:13	300	90	3.0	#6 AGN Monitor	1	
0011-0020.BIAS	0	21:30	20:48:50.2	+31:40:13	300	90	3.0	#6 AGN Monitor	2	
0021-0035.FLAT	7	23:48	20:48:50.2	+31:40:13	300	90	3.0	#6 AGN Monitor	2	
0036-0040.DARK	900	00:55	20:48:50.2	+31:40:13	300	90	3.0	#6 AGN Monitor	2	
0041-0050.BIAS	0	10:06	20:48:50.2	+31:40:13	300	90	3.0	#6 AGN Monitor	2	
0051-0055.DARK	900	11:08	20:48:50.2	+31:40:13	300	90	3.0	#6 AGN Monitor	2	

UT Date 2009-07-25 Observers J. HuchraColl. Focus 1320 Grating/Grism 300

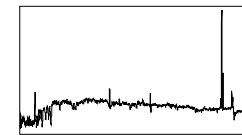
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001-0010.BIAS	0	23:45	20:48:50.2	+31:40:13	300	90	3.0	#6 AGN Monitor	2	
0010.HENEAR300.ms	10	21:28	20:48:50.2	+31:40:13	300	90	3.0	#6 AGN Monitor	1	
0011-0025.FLAT	7	23:50	20:48:50.2	+31:40:13	300	90	3.0	#6 AGN Monitor	2	
0026-0030.BIAS	0	00:34	20:48:50.2	+31:40:13	300	90	3.0	#6 AGN Monitor	2	
0031-0035.DARK	900	01:36	20:48:50.2	+31:40:13	300	90	3.0	#6 AGN Monitor	2	
0036.BDp332642	120	06:26	15:51:59.9	+32:56:54	300	90	3.0	#56 Spectropho	2	
0037.BDp332642	120	06:30	15:51:59.9	+32:56:54	300	90	3.0	#56 Spectropho	2	
0037.BDp332642q.ms	120	06:30	15:51:59.9	+32:56:54	300	90	3.0	#56 Spectropho	1	
0038.COMP	10	06:34	15:51:59.9	+32:56:54	300	90	3.0	#56 Spectropho	2	
0039.MRK501	300	06:37	16:53:52.1	+39:45:36	300	90	3.0	#6 AGN Monitor	2	
0040.MRK501	300	06:43	16:53:52.1	+39:45:36	300	90	3.0	#6 AGN Monitor	2	
0041.COMP	10	06:51	16:53:52.1	+39:45:36	300	90	3.0	#6 AGN Monitor	2	
0042.BDp284211	90	06:53	21:51:11.0	+28:51:50	300	90	3.0	#56 Spectropho	2	
0043.COMP	10	06:56	21:51:11.0	+28:51:50	300	90	3.0	#56 Spectropho	2	
0044.AGDra	20	07:03	16:01:41.0	+66:48:10	300	90	3.0	#12 Symbiotic	2	
0045.AGDra	20	07:04	16:01:41.0	+66:48:10	300	90	3.0	#12 Symbiotic	2	
0046.AGDra	100	07:05	16:01:41.0	+66:48:10	300	90	3.0	#12 Symbiotic	2	
0047.COMP	10	07:07	16:01:41.0	+66:48:10	300	90	3.0	#12 Symbiotic	2	
0048.BFCyg	20	08:46	19:23:53.0	+29:40:27	300	90	3.0	#12 Symbiotic	2	
0049.BFCyg	20	08:46	19:23:53.0	+29:40:27	300	90	3.0	#12 Symbiotic	2	

UT Date 2009-07-25 Observers J. HuchraColl. Focus 1320 Grating/Grism 300

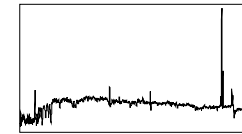
<i>File</i>	<i>Exp Time</i>	<i>UT Start</i>	<i>RA</i>	<i>Dec</i>	<i>Gr.</i>	<i>P.A.</i>	<i>Slit</i>	<i>Program</i>	<i>Bin</i>	<i>Comments</i>
0050.COMP	10	08:47	19:23:53.0	+29:40:27	300	90	3.0	#12 Symbiotic	2	
0051.CHCyg	2	08:49	19:24:33.0	+50:14:30	300	90	3.0	#12 Symbiotic	2	
0052.CHCyg	10	08:50	19:24:33.0	+50:14:30	300	90	3.0	#12 Symbiotic	2	
0053.CHCyg	50	08:50	19:24:33.0	+50:14:30	300	90	3.0	#12 Symbiotic	2	
0054.COMP	10	08:51	19:24:33.0	+50:14:30	300	90	3.0	#12 Symbiotic	2	
0055-0064.BIAS	0	10:20	19:50:12.0	+35:41:02	300	90	3.0	#12 Symbiotic	2	
0065-0079.FLAT	7	10:26	19:50:12.0	+35:41:02	300	90	3.0	#12 Symbiotic	2	
0080-0084.BIAS	0	10:45	19:50:12.0	+35:41:02	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
0001-0010.BIAS	0	01:45	19:50:12.0	+35:41:02	300	90	3.0	#12 Symbiotic	2	
0011-0025.FLAT	7	01:51	19:50:12.0	+35:41:02	300	90	3.0	#12 Symbiotic	2	
0026-0030.DARK	900	02:54	19:50:12.0	+35:41:02	300	90	3.0	#12 Symbiotic	2	
0031.BDp262606	60	04:42	14:49:02.4	+25:42:09	300	90	3.0	#56 Spectropho	2	
0031.BDp262606q.ms	60	04:42	14:49:02.4	+25:42:09	300	90	3.0	#56 Spectropho	1	
0032.BDp262606	60	04:44	14:49:02.4	+25:42:09	300	71	3.0	#56 Spectropho	2	
0033.COMP	10	04:46	14:49:02.4	+25:42:09	300	71	3.0	#56 Spectropho	2	
0034.BDp332642	120	04:49	15:51:59.9	+32:56:54	300	86	3.0	#56 Spectropho	2	
0035.BDp332642	120	05:22	15:51:59.9	+32:56:54	300	86	3.0	#56 Spectropho	2	
0036.COMP	10	05:25	15:51:59.9	+32:56:54	300	86	3.0	#56 Spectropho	2	
0037.MRK501	600	06:26	16:53:52.1	+39:45:36	300	90	3.0	#6 AGN Monitor	2	
0038.COMP	10	06:36	16:53:52.1	+39:45:36	300	90	3.0	#6 AGN Monitor	2	
0039.CICyg	4	06:41	19:50:12.0	+35:41:02	300	90	3.0	#12 Symbiotic	2	
0040.CICyg	15	06:42	19:50:12.0	+35:41:02	300	90	3.0	#12 Symbiotic	2	
0041.COMP	10	06:43	19:50:12.0	+35:41:02	300	90	3.0	#12 Symbiotic	2	
0042.17502601+5947355	1200	06:54	17:50:26.0	+59:47:36	300	89	3.0	#141 Mapping t	2	
0043.COMP	10	07:15	17:50:26.0	+59:47:36	300	89	3.0	#141 Mapping t	2	
0044.19124961-1930506	1200	07:26	19:12:49.6	-19:30:51	300	89	3.0	#141 Mapping t	2	
0045.COMP	10	07:47	19:12:49.6	-19:30:51	300	89	3.0	#141 Mapping t	2	
0046.20393729-1411199	900	07:58	20:39:37.3	-14:11:20	300	89	3.0	#141 Mapping t	2	

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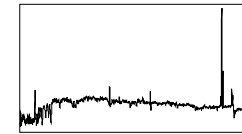
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0047.COMP	10	08:14	20:39:37.3	-14:11:20	300	89	3.0	#141 Mapping t	2	
0048.21035191-1227547	720	08:17	21:03:51.9	-12:27:55	300	89	3.0	#141 Mapping t	2	
0049.COMP	10	08:30	21:03:51.9	-12:27:55	300	89	3.0	#141 Mapping t	2	
0050.21324978-2251250	720	08:33	21:32:49.8	-22:51:25	300	89	3.0	#141 Mapping t	2	
0051.COMP	10	08:46	21:32:49.8	-22:51:25	300	89	3.0	#141 Mapping t	2	
0052.C213512.6-000049	1200	08:55	21:35:12.7	-00:00:49	300	89	3.0	#188 Dwarf C S	2	
0053.COMP	10	09:16	21:35:12.7	-00:00:49	300	89	3.0	#188 Dwarf C S	2	
0054.C215605.5+000158	800	09:22	21:56:05.5	+00:01:58	300	89	3.0	#188 Dwarf C S	2	
0055.COMP	10	09:36	21:56:05.5	+00:01:58	300	89	3.0	#188 Dwarf C S	2	
0056.C235404.0+062545	600	09:51	23:54:04.1	+06:25:46	300	89	3.0	#188 Dwarf C S	2	
0057.COMP	10	10:01	23:54:04.1	+06:25:46	300	89	3.0	#188 Dwarf C S	2	
0058.00272843+5222115	1000	10:04	00:27:28.4	+52:22:12	300	89	3.0	#141 Mapping t	2	
0059.COMP	10	10:22	00:27:28.4	+52:22:12	300	89	3.0	#141 Mapping t	2	
0060.22533978+5005331	720	10:31	22:53:39.8	+50:05:33	300	89	3.0	#141 Mapping t	2	
0061.COMP	10	10:44	22:53:39.8	+50:05:33	300	89	3.0	#141 Mapping t	2	
0062.22551685+5038575	900	10:46	22:55:16.9	+50:38:58	300	89	3.0	#141 Mapping t	2	
0063.COMP	10	11:01	22:55:16.9	+50:38:58	300	89	3.0	#141 Mapping t	2	
0064-0073.BIAS	0	11:11	22:55:16.9	+50:38:58	300	89	3.0	#141 Mapping t	2	
0074-0088.FLAT	7	11:16	22:55:16.9	+50:38:58	300	89	3.0	#141 Mapping t	2	
0089-0093.DARK	900	12:18	22:55:16.9	+50:38:58	300	89	3.0	#141 Mapping t	2	

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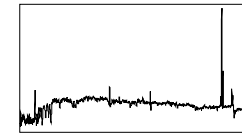
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001-0008.DARK	900	02:22	13:27:58.8	+31:33:19	300	89	3.0	#141 Mapping t	4	
0009-0018.BIAS	0	02:40	13:27:58.8	+31:33:19	300	89	3.0	#141 Mapping t	4	
0019.FLAT	7	02:41	13:27:58.8	+31:33:19	300	89	3.0	#141 Mapping t	2	wrong tilt
0020-0038.FLAT	7	02:47	13:27:58.8	+31:33:19	300	89	3.0	#141 Mapping t	2	
0039-0048.BIAS	0	02:52	13:27:58.8	+31:33:19	300	89	3.0	#141 Mapping t	2	
0049.BDp262606	20	03:15	14:49:02.4	+25:42:09	300	68	3.0	#56 Spectropho	2	
0050.COMP	10	03:16	14:49:02.4	+25:42:09	300	68	3.0	#56 Spectropho	2	test
0051.COMP	10	03:21	14:49:02.4	+25:42:09	300	68	3.0	#56 Spectropho	2	
0052.COMP	10	03:24	14:49:02.4	+25:42:09	300	90	3.0	#56 Spectropho	2	
0053-0072.FLAT	8	03:31	14:49:02.4	+25:42:09	300	90	3.0	#56 Spectropho	2	
0073.BDp262606	24	03:35	14:49:02.4	+25:42:09	300	71	3.0	#56 Spectropho	2	
0074.COMP	10	03:36	14:49:02.4	+25:42:09	300	71	3.0	#56 Spectropho	2	
0075.BDp332642	150	03:39	15:51:59.9	+32:56:54	300	97	3.0	#56 Spectropho	2	
0076.COMP	10	03:43	15:51:59.9	+32:56:54	300	97	3.0	#56 Spectropho	2	
0077.sn2009dc	1800	03:45	15:51:12.1	+25:42:28	300	60	3.0	#2 SN Observat	2	
0078.COMP	10	04:16	15:51:12.1	+25:42:28	300	60	3.0	#2 SN Observat	2	
0079.sn2009dc	1800	04:17	15:51:12.1	+25:42:28	300	60	3.0	#2 SN Observat	2	
0080.COMP	10	04:48	15:51:12.1	+25:42:28	300	60	3.0	#2 SN Observat	2	
0081.IPHASB_2440	720	04:53	19:02:03.5	-04:29:26	300	79	3.0	#157 IPHAS	2	
0082.COMP	10	05:06	19:02:03.5	-04:29:26	300	79	3.0	#157 IPHAS	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0083.IPHASB_2441	900	05:08	19:02:10.0	-04:33:50	300	90	3.0	#157 IPHAS	2	
0084.COMP	10	05:24	19:02:10.0	-04:33:50	300	90	3.0	#157 IPHAS	2	
0085.IPHASB_2444	1080	05:26	19:02:24.7	-00:25:49	300	90	3.0	#157 IPHAS	2	row=75
0086.COMP	10	05:45	19:02:24.7	-00:25:49	300	90	3.0	#157 IPHAS	2	
0087.IPHASB_2445	1080	05:46	19:02:26.7	-00:41:53	300	90	3.0	#157 IPHAS	2	
0088.COMP	10	06:05	19:02:26.7	-00:41:53	300	90	3.0	#157 IPHAS	2	
0089.IPHASB_2446	1020	06:07	19:02:28.1	-01:33:00	300	90	3.0	#157 IPHAS	2	
0090.COMP	10	06:25	19:02:28.1	-01:33:00	300	90	3.0	#157 IPHAS	2	
0091.IPHASB_2452	1020	06:27	19:02:52.4	-00:50:53	300	90	3.0	#157 IPHAS	2	
0092.COMP	10	06:45	19:02:52.4	-00:50:53	300	90	3.0	#157 IPHAS	2	
0093.bhvs323	1700	06:53	17:22:21.0	+33:19:34	600	90	2.0	#182 Runaway B	4	
0094.COMP	10	07:21	17:22:21.0	+33:19:34	600	90	2.0	#182 Runaway B	4	
0095.bhvs348	1800	07:23	18:24:44.1	+40:49:55	600	90	2.0	#182 Runaway B	4	
0096.COMP	10	07:54	18:24:44.1	+40:49:55	600	90	2.0	#182 Runaway B	4	
0097.bhvs357	1560	07:56	19:49:24.3	+61:21:33	600	90	2.0	#182 Runaway B	4	
0098.COMP	10	08:22	19:49:24.3	+61:21:33	600	90	2.0	#182 Runaway B	4	
0099.bhvs356	1140	08:24	19:33:05.6	+62:14:43	600	90	2.0	#182 Runaway B	4	
0100.COMP	10	08:44	19:33:05.6	+62:14:43	600	90	2.0	#182 Runaway B	4	
0101.bhvs358	780	08:45	19:58:38.3	+61:38:04	600	90	2.0	#182 Runaway B	4	
0102.COMP	10	08:59	19:58:38.3	+61:38:04	600	90	2.0	#182 Runaway B	4	

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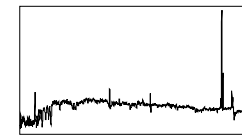
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0103.bhvs359	1620	09:01	20:28:05.8	+14:34:25	600	90	2.0	#182 Runaway B	4	
0104.COMP	10	09:29	20:28:05.8	+14:34:25	600	90	2.0	#182 Runaway B	4	
0105.bhvs367	960	09:31	20:51:21.8	+16:09:38	600	80	2.0	#182 Runaway B	4	
0106.COMP	10	09:47	20:51:21.8	+16:09:38	600	80	2.0	#182 Runaway B	4	
0107.bhvs368	1020	09:48	20:52:26.9	+15:58:47	600	89	2.0	#182 Runaway B	4	
0108.COMP	10	10:06	20:52:26.9	+15:58:47	600	89	2.0	#182 Runaway B	4	
0109.BDp284211	120	10:08	21:51:11.0	+28:51:50	600	89	2.0	#56 Spectropho	4	
0110.COMP	10	10:10	21:51:11.0	+28:51:50	600	89	2.0	#56 Spectropho	4	
0111-0120.FLAT	12	10:14	21:51:11.0	+28:51:50	600	89	2.0	#56 Spectropho	4	
0121.COMP	5	10:18	21:51:11.0	+28:51:50	300	89	3.0	#56 Spectropho	4	
0122.COMP	5	10:19	21:51:11.0	+28:51:50	300	89	3.0	#56 Spectropho	4	
0123.BDp284211	90	10:23	21:51:11.0	+28:51:50	300	76	3.0	#56 Spectropho	2	
0124.COMP	10	10:25	21:51:11.0	+28:51:50	300	76	3.0	#56 Spectropho	2	
0125.BDp174708	60	10:27	22:11:31.4	+18:05:34	300	46	3.0	#56 Spectropho	2	
0126.COMP	10	10:28	22:11:31.4	+18:05:34	300	46	3.0	#56 Spectropho	2	
0127.C000035.5+251256	900	10:33	00:00:35.6	+25:12:56	300	91	3.0	#188 Dwarf C S	2	
0128.COMP	10	10:48	00:00:35.6	+25:12:56	300	91	3.0	#188 Dwarf C S	2	
0129.sn2009X1	1800	10:59	02:32:00.3	+01:14:54	300	-29	3.0	#2 SN Observat	2	
0130.COMP	10	11:30	02:32:00.3	+01:14:54	300	-29	3.0	#2 SN Observat	2	
0131.C001830.5+070811	1020	11:33	00:18:30.6	+07:08:12	300	89	3.0	#188 Dwarf C 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>
0132.COMP	10	11:50	00:18:30.6	+07:08:12	300	89	3.0	#188 Dwarf C S	2	
0133-0142.BIAS	0	11:59	00:18:30.6	+07:08:12	300	89	3.0	#2 SN Observat	4	
0143-0162.FLAT	8	12:06	00:18:30.6	+07:08:12	300	89	3.0	#2 SN Observat	2	
0163-0172.BIAS	0	12:11	00:18:30.6	+07:08:12	300	89	3.0	#2 SN Observat	2	
0173-0182.DARK	900	14:30	00:18:30.6	+07:08:12	300	89	3.0	#2 SN Observat	2	
comp300+600.ms	10	05:47	10:39:36.9	+43:06:11	300	90	3.0	#56 Spectropho	1	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001-0010.DARK	900	02:09	00:18:30.6	+07:08:12	300	89	3.0	#2 SN Observat	4	
0011-0020.BIAS	0	02:26	00:18:30.6	+07:08:12	300	89	3.0	#2 SN Observat	4	
0021-0040.FLAT	8	02:39	00:18:30.6	+07:08:12	300	89	3.0	#2 SN Observat	2	
0041-0050.BIAS	0	02:45	00:18:30.6	+07:08:12	300	89	3.0	#2 SN Observat	2	
0051.BDp262606	25	03:17	14:49:02.4	+25:42:09	300	69	3.0	#56 Spectropho	2	
0052.COMP	10	03:18	14:49:02.4	+25:42:09	300	69	3.0	#56 Spectropho	2	
0053.BDp332642	120	03:21	15:51:59.9	+32:56:54	300	100	3.0	#56 Spectropho	2	
0054.COMP	10	03:24	15:51:59.9	+32:56:54	300	100	3.0	#56 Spectropho	2	
0055.N5866	180	03:26	15:06:29.5	+55:45:48	300	91	3.0	#57 Velocity S	2	
0056.COMP	10	03:29	15:06:29.5	+55:45:48	300	91	3.0	#57 Velocity S	2	
0057.C145725.8+234125	1200	03:39	14:57:25.9	+23:41:25	300	91	3.0	#188 Dwarf C S	2	
0058.COMP	10	04:00	14:57:25.9	+23:41:25	300	91	3.0	#188 Dwarf C S	2	
0059.C151740.4-001533	1800	04:05	15:17:40.4	-00:15:34	300	91	3.0	#188 Dwarf C S	2	
0060.COMP	10	04:36	15:17:40.4	-00:15:34	300	91	3.0	#188 Dwarf C S	2	
0061.C152112.2+251821	1080	04:38	15:21:12.3	+25:18:21	300	91	3.0	#188 Dwarf C S	2	
0062.COMP	10	04:57	15:21:12.3	+25:18:21	300	91	3.0	#188 Dwarf C S	2	
0063.C152450.4+592912	1200	05:00	15:24:50.5	+59:29:13	300	91	3.0	#188 Dwarf C S	2	
0064.COMP	10	05:20	15:24:50.5	+59:29:13	300	91	3.0	#188 Dwarf C S	2	
0065.17413903-0437191	1500	05:27	17:41:39.0	-04:37:19	300	76	3.0	#141 Mapping t	2	
0066.COMP	10	05:53	17:41:39.0	-04:37:19	300	76	3.0	#141 Mapping t	2	

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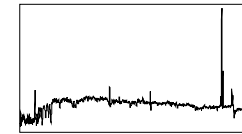
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0067.IPHASB_2453	1080	05:55	19:02:54.6	-02:47:44	300	80	3.0	#157 IPHAS	2	
0068.COMP	10	06:14	19:02:54.6	-02:47:44	300	80	3.0	#157 IPHAS	2	
0069.IPHASB_2454	1020	06:16	19:02:59.7	-02:16:44	300	89	3.0	#157 IPHAS	2	
0070.COMP	10	06:34	19:02:59.7	-02:16:44	300	89	3.0	#157 IPHAS	2	
0071.IPHASB_2455	600	06:41	19:03:03.4	-02:00:09	300	89	3.0	#157 IPHAS	2	
0072.COMP	10	06:52	19:03:03.4	-02:00:09	300	89	3.0	#157 IPHAS	2	
0073.IPHASB_2458	900	06:53	19:03:09.2	-01:32:24	300	89	3.0	#157 IPHAS	2	
0074.COMP	10	07:10	19:03:09.2	-01:32:24	300	89	3.0	#157 IPHAS	2	
0075.IPHASB_2459	480	07:12	19:03:10.7	-04:15:24	300	89	3.0	#157 IPHAS	2	
0076.COMP	10	07:20	19:03:10.7	-04:15:24	300	89	3.0	#157 IPHAS	2	
0077.IPHASB_2460	720	07:32	19:03:11.7	-03:46:15	300	89	3.0	#157 IPHAS	2	seeing degrading
0078.COMP	10	07:44	19:03:11.7	-03:46:15	300	89	3.0	#157 IPHAS	2	
0079.IPHASB_2462	1500	07:46	19:03:22.4	+16:09:19	300	89	3.0	#157 IPHAS	2	
0080.COMP	10	08:12	19:03:22.4	+16:09:19	300	89	3.0	#157 IPHAS	2	
0081.IPHASB_2464	600	08:14	19:03:29.2	-04:04:25	300	89	3.0	#157 IPHAS	2	
0082.COMP	10	08:25	19:03:29.2	-04:04:25	300	89	3.0	#157 IPHAS	2	
0083.IPHASB_2466	480	08:27	19:03:31.4	-04:12:44	300	89	3.0	#157 IPHAS	2	
0084.COMP	10	08:35	19:03:31.4	-04:12:44	300	89	3.0	#157 IPHAS	2	
0085.IPHASB_2467	1500	08:37	19:03:33.8	+00:06:46	300	89	3.0	#157 IPHAS	2	
0086.COMP	10	09:03	19:03:33.8	+00:06:46	300	89	3.0	#157 IPHAS	2	

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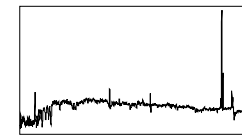
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0087-0096.FLAT	8	09:09	22:05:12.1	+31:27:37	300	89	3.0	#157 IPHAS	2	
0097.bhvs349	900	09:25	18:25:34.1	+41:29:03	600	89	2.0	#182 Runaway B	4	
0098.COMP	10	09:41	18:25:34.1	+41:29:03	600	89	2.0	#182 Runaway B	4	
0099.bhvs350	720	09:45	18:27:50.2	+63:13:28	600	89	2.0	#182 Runaway B	4	
0100.COMP	10	09:57	18:27:50.2	+63:13:28	600	89	2.0	#182 Runaway B	4	
0101.bhvs369	1140	10:00	20:52:33.1	+03:41:01	600	89	2.0	#182 Runaway B	4	
0102.COMP	10	10:20	20:52:33.1	+03:41:01	600	89	2.0	#182 Runaway B	4	
0103.bhvs370	960	10:24	20:53:18.4	+16:36:07	600	89	2.0	#182 Runaway B	4	
0104.COMP	10	10:40	20:53:18.4	+16:36:07	600	89	2.0	#182 Runaway B	4	
0105.bhvs371	1260	10:43	20:53:27.7	+14:56:24	600	89	2.0	#182 Runaway B	4	
0106.COMP	10	11:08	20:53:27.7	+14:56:24	600	89	2.0	#182 Runaway B	4	
0107.bhvs372	660	11:10	20:54:35.9	+16:24:13	600	89	2.0	#182 Runaway B	4	
0108.COMP	10	11:21	20:54:35.9	+16:24:13	600	89	2.0	#182 Runaway B	4	
0109.bhvs373	780	11:23	20:55:33.2	+04:17:10	600	89	2.0	#182 Runaway B	4	
0110.COMP	10	11:36	20:55:33.2	+04:17:10	600	89	2.0	#182 Runaway B	4	
0111.BDp284211	70	11:53	21:51:11.0	+28:51:50	600	89	2.0	#56 Spectropho	4	
0112.COMP	10	11:54	21:51:11.0	+28:51:50	600	89	2.0	#56 Spectropho	4	
0113-0122.FLAT	12	12:00	21:51:11.0	+28:51:50	600	89	2.0	#56 Spectropho	4	
0123-0132.BIAS	0	12:08	21:51:11.0	+28:51:50	600	89	2.0	#182 Runaway B	4	
0133.COMP	5	12:09	21:51:11.0	+28:51:50	300	89	3.0	#182 Runaway B	4	test

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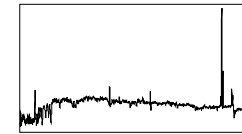
<i>File</i>	<i>Exp Time</i>	<i>UT Start</i>	<i>RA</i>	<i>Dec</i>	<i>Gr.</i>	<i>P.A.</i>	<i>Slit</i>	<i>Program</i>	<i>Bin</i>	<i>Comments</i>
0134-0143.BIAS	0	12:13	21:51:11.0	+28:51:50	300	89	3.0	#182 Runaway B	2	
0144-0153.DARK	900	14:33	21:51:11.0	+28:51:50	300	89	3.0	#182 Runaway B	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001-0010.DARK	900	01:58	21:51:11.0	+28:51:50	300	89	3.0	#182 Runaway B	4	
0011-0020.BIAS	0	02:19	21:51:11.0	+28:51:50	300	89	3.0	#182 Runaway B	4	
0021-0040.FLAT	8	02:27	21:51:11.0	+28:51:50	300	89	3.0	#182 Runaway B	2	
0041-0050.BIAS	0	02:30	21:51:11.0	+28:51:50	300	89	3.0	#182 Runaway B	2	
0051.sky	2	02:33	21:51:11.0	+28:51:50	300	89	3.0	#57 Velocity S	2	
0052.sky	4	02:33	21:51:11.0	+28:51:50	300	89	3.0	#57 Velocity S	2	
0053-0054.sky	6	02:34	21:51:11.0	+28:51:50	300	89	3.0	#57 Velocity S	2	
0055.sky	7	02:35	21:51:11.0	+28:51:50	300	89	3.0	#57 Velocity S	2	
0056-0058.sky	8	02:36	21:51:11.0	+28:51:50	300	89	3.0	#57 Velocity S	2	
0059.sky	10	02:36	21:51:11.0	+28:51:50	300	89	3.0	#57 Velocity S	2	
0060.COMP	10	02:37	21:51:11.0	+28:51:50	300	89	3.0	#57 Velocity S	2	
0061.BDp262606	25	03:13	14:49:02.4	+25:42:09	300	68	3.0	#56 Spectropho	2	
0062.COMP	10	03:14	14:49:02.4	+25:42:09	300	68	3.0	#56 Spectropho	2	
0063.BDp262606	45	03:15	14:49:02.4	+25:42:09	300	68	3.0	#56 Spectropho	2	
0064.COMP	10	03:16	14:49:02.4	+25:42:09	300	68	3.0	#56 Spectropho	2	
0065.BDp332642	150	03:18	15:51:59.9	+32:56:54	300	99	3.0	#56 Spectropho	2	
0066.COMP	10	03:21	15:51:59.9	+32:56:54	300	99	3.0	#56 Spectropho	2	
0067.SDSS1334-0123	1200	03:28	13:34:28.1	-01:23:49	300	91	3.0	#165 Quasar Br	2	row=74
0068.SDSS1334-0123	1200	03:50	13:34:28.1	-01:23:49	300	91	3.0	#165 Quasar Br	2	abort for clouds, seeing
0069.COMP	10	04:12	13:34:28.1	-01:23:49	300	91	3.0	#165 Quasar Br	2	

UT Date 2009-07-29 Observers M CalkinsColl. Focus 1350 Grating/Grism 300

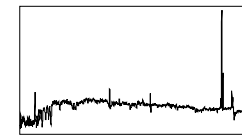
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0070.SDSS1328+5731	1200	04:15	13:28:01.3	+57:31:13	300	91	3.0	#165 Quasar Br	2	
0071.COMP	10	04:36	13:28:01.3	+57:31:13	300	91	3.0	#165 Quasar Br	2	
0072.sn2009dc	1800	04:39	15:51:12.1	+25:42:28	300	71	3.0	#2 SN Observat	2	
0073.COMP	10	05:10	15:51:12.1	+25:42:28	300	71	3.0	#2 SN Observat	2	
0074.sn2009dc	1800	05:11	15:51:12.1	+25:42:28	300	71	3.0	#2 SN Observat	2	
0075.COMP	10	05:46	15:51:12.1	+25:42:28	300	71	3.0	#2 SN Observat	2	
0076.IPHASB_2471	660	05:51	19:03:46.9	-01:27:11	300	89	3.0	#157 IPHAS	2	
0077.COMP	10	06:03	19:03:46.9	-01:27:11	300	89	3.0	#157 IPHAS	2	
0078.IPHASB_2479	1200	06:07	19:04:17.3	-00:36:25	300	80	3.0	#157 IPHAS	2	row=74
0079.COMP	10	06:28	19:04:17.3	-00:36:25	300	80	3.0	#157 IPHAS	2	
0080.IPHASB_2480	600	06:33	19:04:25.4	+03:07:25	300	89	3.0	#157 IPHAS	2	
0081.COMP	10	06:43	19:04:25.4	+03:07:25	300	89	3.0	#157 IPHAS	2	
0082.IPHASB_2486	600	06:46	19:04:54.2	+15:13:46	300	89	3.0	#157 IPHAS	2	
0083.COMP	10	06:56	19:04:54.2	+15:13:46	300	89	3.0	#157 IPHAS	2	
0084.IPHASB_2489	960	06:58	19:05:46.5	-00:11:37	300	89	3.0	#157 IPHAS	2	
0085.COMP	10	07:15	19:05:46.5	-00:11:37	300	89	3.0	#157 IPHAS	2	
0086.IPHASB_2490	1020	07:16	19:05:51.7	-03:01:57	300	89	3.0	#157 IPHAS	2	
0087.COMP	10	07:34	19:05:51.7	-03:01:57	300	89	3.0	#157 IPHAS	2	
0088.IPHASB_2492	1020	07:36	19:06:06.8	-03:11:31	300	81	3.0	#157 IPHAS	2	
0089.COMP	10	07:53	19:06:06.8	-03:11:31	300	81	3.0	#157 IPHAS	2	

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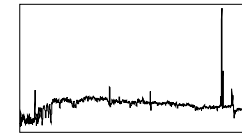
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0090.IPHASB_2493	1020	07:55	19:06:13.5	-01:07:10	300	65	3.0	#157 IPHAS	2	row=74
0091.COMP	10	08:13	19:06:13.5	-01:07:10	300	65	3.0	#157 IPHAS	2	
0092.bhvs360	840	08:20	20:31:24.7	+13:21:57	600	89	2.0	#182 Runaway B	4	
0093.COMP	10	08:35	20:31:24.7	+13:21:57	600	89	2.0	#182 Runaway B	4	
0094.bhvs361	1380	08:37	20:39:38.6	+05:07:53	600	89	2.0	#182 Runaway B	4	
0095.COMP	10	09:00	20:39:38.6	+05:07:53	600	89	2.0	#182 Runaway B	4	
0096.bhvs362	780	09:02	20:43:35.5	+04:41:23	600	89	2.0	#182 Runaway B	4	
0097.COMP	10	09:15	20:43:35.5	+04:41:23	600	89	2.0	#182 Runaway B	4	
0098.bhvs363	900	09:17	20:44:17.9	+05:18:15	600	89	2.0	#182 Runaway B	4	
0099.COMP	10	09:32	20:44:17.9	+05:18:15	600	89	2.0	#182 Runaway B	4	
0100.bhvs364	960	09:36	20:44:23.4	+05:22:58	600	89	2.0	#182 Runaway B	4	
0101.COMP	10	09:52	20:44:23.4	+05:22:58	600	89	2.0	#182 Runaway B	4	
0102.bhvs365	720	09:54	20:45:25.4	+05:08:26	600	89	2.0	#182 Runaway B	4	
0103.COMP	10	10:06	20:45:25.4	+05:08:26	600	89	2.0	#182 Runaway B	4	
0104.bhvs366	840	10:08	20:50:44.9	+15:33:47	600	89	2.0	#182 Runaway B	4	
0105.COMP	10	10:23	20:50:44.9	+15:33:47	600	89	2.0	#182 Runaway B	4	
0106.bhvs424	900	10:25	23:25:13.4	+16:34:07	600	89	2.0	#182 Runaway B	4	
0107.COMP	10	10:41	23:25:13.4	+16:34:07	600	89	2.0	#182 Runaway B	4	
0108.BDp284211	120	10:43	21:51:11.0	+28:51:50	600	89	2.0	#56 Spectropho	4	
0109.COMP	10	10:47	21:51:11.0	+28:51:50	600	89	2.0	#56 Spectropho	4	

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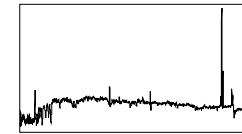
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0110-0119.FLAT	12	10:52	21:51:11.0	+28:51:50	600	89	2.0	#56 Spectropho	4	
0120.COMP	5	10:55	21:51:11.0	+28:51:50	300	89	3.0	#56 Spectropho	4	test
0121.sn2009hp	1720	11:01	02:58:24.0	+06:35:35	300	-37	3.0	#2 SN Observat	2	
0122.COMP	10	11:31	02:58:24.0	+06:35:35	300	-37	3.0	#2 SN Observat	2	
0123.BDp284211	70	11:34	21:51:11.0	+28:51:50	300	74	3.0	#56 Spectropho	2	
0124.COMP	10	11:36	21:51:11.0	+28:51:50	300	74	3.0	#56 Spectropho	2	
0125.BDp284211	90	11:37	21:51:11.0	+28:51:50	300	74	3.0	#56 Spectropho	2	
0126.COMP	10	11:39	21:51:11.0	+28:51:50	300	74	3.0	#56 Spectropho	2	
0127.BDp174708	50	11:41	22:11:31.4	+18:05:34	300	62	3.0	#56 Spectropho	2	
0128.COMP	10	11:42	22:11:31.4	+18:05:34	300	62	3.0	#56 Spectropho	2	
0129-0138.BIAS	0	11:47	22:11:31.4	+18:05:34	300	90	3.0	#56 Spectropho	2	
0139-0158.FLAT	8	11:55	22:11:31.4	+18:05:34	300	90	3.0	#56 Spectropho	2	
0159-0168.DARK	900	14:17	22:11:31.4	+18:05:34	300	90	3.0	#56 Spectropho	2	

UT Date 2009-07-30 Observers P BerlindColl. Focus 1350 Grating/Grism 300

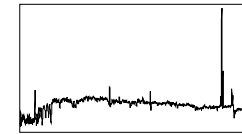
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001-0010.BIAS	0	02:19	15:21:25.8	+31:32:24	300	90	3.0	#56 Spectropho	2	
0011-0025.FLAT	7	02:24	15:21:25.8	+31:32:24	300	90	3.0	#56 Spectropho	2	
0026.TCrB	30	02:58	15:59:30.0	+25:55:12	300	90	3.0	#12 Symbiotic	2	
0027.TCrB	90	02:59	15:59:30.0	+25:55:12	300	90	3.0	#12 Symbiotic	2	
0028.COMP	10	03:01	15:59:30.0	+25:55:12	300	90	3.0	#12 Symbiotic	2	
0029.AGDra	5	03:03	16:01:41.0	+66:48:10	300	90	3.0	#12 Symbiotic	2	
0030.AGDra	15	03:04	16:01:41.0	+66:48:10	300	90	3.0	#12 Symbiotic	2	
0031.AGDra	90	03:04	16:01:41.0	+66:48:10	300	90	3.0	#12 Symbiotic	2	
0032.COMP	10	03:06	16:01:41.0	+66:48:10	300	90	3.0	#56 Spectropho	2	
0033.BDp262606	100	03:08	14:49:02.4	+25:42:09	300	71	3.0	#56 Spectropho	2	
0034.BDp262606	100	03:10	14:49:02.4	+25:42:09	300	71	3.0	#56 Spectropho	2	
0035.COMP	10	03:12	14:49:02.4	+25:42:09	300	71	3.0	#56 Spectropho	2	
0036.BDp332642	150	03:13	15:51:59.9	+32:56:54	300	100	3.0	#56 Spectropho	2	
0037.BDp332642	150	03:16	15:51:59.9	+32:56:54	300	100	3.0	#56 Spectropho	2	
0038.COMP	10	03:19	15:51:59.9	+32:56:54	300	100	3.0	#188 Dwarf C S	2	
0039.C153755.7+392342	900	03:21	15:37:55.7	+39:23:42	300	100	3.0	#188 Dwarf C S	2	
0040.COMP	10	03:36	15:37:55.7	+39:23:42	300	100	3.0	#188 Dwarf C S	2	
0041.C154414.5+381803	360	03:37	15:44:14.5	+38:18:03	300	89	3.0	#188 Dwarf C S	2	
0042.COMP	10	03:44	15:44:14.5	+38:18:03	300	89	3.0	#188 Dwarf C S	2	
0043.C160918.9+271814	360	03:46	16:09:19.0	+27:18:14	300	89	3.0	#188 Dwarf C S	2	

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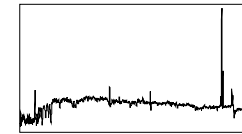
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0044.COMP	10	03:52	16:09:19.0	+27:18:14	300	89	3.0	#188 Dwarf C S	2	
0045.C161414.6+240548	720	03:55	16:14:14.6	+24:05:49	300	61	3.0	#188 Dwarf C S	2	
0046.COMP	10	04:08	16:14:14.6	+24:05:49	300	61	3.0	#188 Dwarf C S	2	
0047.C161957.3+321235	600	04:10	16:19:57.3	+32:12:35	300	89	3.0	#188 Dwarf C S	2	
0048.COMP	10	04:20	16:19:57.3	+32:12:35	300	89	3.0	#188 Dwarf C S	2	
0049.C162307.2+422943	720	04:21	16:23:07.3	+42:29:43	300	89	3.0	#188 Dwarf C S	2	
0050.COMP	10	04:34	16:23:07.3	+42:29:43	300	89	3.0	#188 Dwarf C S	2	
0051.18035876-0959248	1200	04:38	18:03:58.8	-09:59:25	300	89	3.0	#141 Mapping t	2	weak em. faint gal.
0052.COMP	10	04:58	18:03:58.8	-09:59:25	300	89	3.0	#141 Mapping t	2	
0053.18070109-1017198	1800	05:01	18:07:01.1	-10:17:20	300	89	3.0	#141 Mapping t	2	
0054.COMP	10	05:31	18:07:01.1	-10:17:20	300	89	3.0	#141 Mapping t	2	
0055.IPHASB_2494	480	05:35	19:06:18.1	+05:26:52	300	1	3.0	#157 IPHAS	2	
0056.COMP	10	05:43	19:06:18.1	+05:26:52	300	1	3.0	#157 IPHAS	2	
0057.IPHASB_2499	720	05:44	19:06:44.4	+04:40:00	300	1	3.0	#157 IPHAS	2	
0058.COMP	10	05:57	19:06:44.4	+04:40:00	300	1	3.0	#157 IPHAS	2	
0059.IPHASB_2497	720	05:58	19:06:37.5	+01:45:44	300	1	3.0	#157 IPHAS	2	
0060.COMP	10	06:10	19:06:37.5	+01:45:44	300	1	3.0	#157 IPHAS	2	
0061.IPHASB_2495	900	06:12	19:06:30.9	-01:25:06	300	1	3.0	#157 IPHAS	2	
0062.COMP	10	06:27	19:06:30.9	-01:25:06	300	1	3.0	#157 IPHAS	2	
0063.IPHASB_2500	330	06:29	19:06:47.1	-01:06:10	300	1	3.0	#157 IPHAS	2	

UT Date 2009-07-30 Observers P BerlindColl. Focus 1350 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0064.COMP	10	06:35	19:06:47.1	-01:06:10	300	1	3.0	#157 IPHAS	2	
0065.IPHASB_2502	1200	06:36	19:06:53.4	-02:32:11	300	1	3.0	#157 IPHAS	2	
0066.COMP	10	06:57	19:06:53.4	-02:32:11	300	1	3.0	#157 IPHAS	2	
0067.IPHASB_2503	900	06:59	19:07:05.8	-02:35:31	300	29	3.0	#157 IPHAS	2	please use previous comp. stopped by fog
0068.sn2009hi	1800	09:43	23:23:56.2	+16:46:30	300	1	3.0	#2 SN Observat	2	
0069.COMP	10	10:14	23:23:56.2	+16:46:30	300	1	3.0	#2 SN Observat	2	
0070.RAqr	5	10:16	23:43:49.0	-15:17:05	300	-7	3.0	#12 Symbiotic	2	
0071.RAqr	10	10:17	23:43:49.0	-15:17:05	300	-7	3.0	#12 Symbiotic	2	
0072.RAqr	10	10:17	23:43:49.0	-15:17:05	300	-7	3.0	#12 Symbiotic	2	
0073.RAqr	30	10:18	23:43:49.0	-15:17:05	300	-7	3.0	#12 Symbiotic	2	
0074.RAqr	60	10:19	23:43:49.0	-15:17:05	300	-7	3.0	#12 Symbiotic	2	
0075.COMP	10	10:20	23:43:49.0	-15:17:05	300	-7	3.0	#12 Symbiotic	2	dome control stopped working again
0076.ZAnd	5	10:27	23:33:40.0	+48:49:06	300	0	3.0	#12 Symbiotic	2	
0077.ZAnd	10	10:28	23:33:40.0	+48:49:06	300	0	3.0	#12 Symbiotic	2	
0078.ZAnd	30	10:28	23:33:40.0	+48:49:06	300	0	3.0	#12 Symbiotic	2	
0079.ZAnd	30	10:29	23:33:40.0	+48:49:06	300	0	3.0	#12 Symbiotic	2	
0080.COMP	10	10:30	23:33:40.0	+48:49:06	300	0	3.0	#12 Symbiotic	2	
0081.EGAnd	3	10:32	00:44:37.0	+40:40:47	300	0	3.0	#12 Symbiotic	2	
0082.EGAnd	7	10:32	00:44:37.0	+40:40:47	300	0	3.0	#12 Symbiotic	2	
0083.EGAnd	10	10:33	00:44:37.0	+40:40:47	300	0	3.0	#12 Symbiotic	2	

UT Date 2009-07-30 Observers P BerlindColl. Focus 1350 Grating/Grism 300

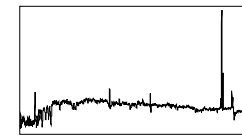
<i>File</i>	<i>Exp Time</i>	<i>UT Start</i>	<i>RA</i>	<i>Dec</i>	<i>Gr.</i>	<i>P.A.</i>	<i>Slit</i>	<i>Program</i>	<i>Bin</i>	<i>Comments</i>
0084.COMP	10	10:33	00:44:37.0	+40:40:47	300	0	3.0	#12 Symbiotic	2	
0085.C231049.6-011559	900	10:36	23:10:49.7	-01:15:59	300	0	3.0	#188 Dwarf C S	2	more fog
0086.COMP	10	10:52	23:10:49.7	-01:15:59	300	0	3.0	#188 Dwarf C S	2	
0087-0096.BIAS	0	10:59	23:25:25.7	+13:13:40	300	90	3.0	#56 Spectropho	2	
0097-0111.FLAT	7	11:04	23:25:25.7	+13:13:40	300	90	3.0	#56 Spectropho	2	
0112-0116.DARK	900	12:14	23:25:25.7	+13:13:40	300	90	3.0	#56 Spectropho	2	

UT Date 2009-07-31 Observers P BerlindColl. Focus 1350 Grating/Grism 600

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001-0005.DARK	900	00:08	23:25:25.7	+13:13:40	300	90	3.0	#56 Spectropho	2	
0006-0015.BIAS	0	02:00	23:25:25.7	+13:13:40	300	90	3.0	#56 Spectropho	2	
0016-0030.FLAT	7	02:06	23:25:25.7	+13:13:40	300	90	3.0	#56 Spectropho	2	
0031-0035.sky	3	02:33	15:45:00.0	+32:00:00	300	90	3.0	#57 Velocity S	2	
0036.COMP	10	02:34	15:45:00.0	+32:00:00	300	90	3.0	#57 Velocity S	2	
0037.BDp262606	90	03:22	14:49:02.4	+25:42:09	300	71	3.0	#56 Spectropho	2	
0038.BDp262606	90	03:23	14:49:02.4	+25:42:09	300	71	3.0	#56 Spectropho	2	
0039.COMP	10	03:25	14:49:02.4	+25:42:09	300	71	3.0	#56 Spectropho	2	
0040.BDp332642	150	03:28	15:51:59.9	+32:56:54	300	95	3.0	#56 Spectropho	2	
0041.BDp332642	150	03:30	15:51:59.9	+32:56:54	300	95	3.0	#56 Spectropho	2	
0042.COMP	10	03:33	15:51:59.9	+32:56:54	300	95	3.0	#56 Spectropho	2	
0043.MRK501	240	03:43	16:53:52.1	+39:45:36	300	91	3.0	#6 AGN Monitor	2	
0044.MRK501	240	03:47	16:53:52.1	+39:45:36	300	91	3.0	#6 AGN Monitor	2	
0045.COMP	10	03:51	16:53:52.1	+39:45:36	300	91	3.0	#6 AGN Monitor	2	
0046.sn2009dc	1800	03:55	15:51:12.1	+25:42:28	300	67	3.0	#2 SN Observat	2	
0047.sn2009dc	1800	04:25	15:51:12.1	+25:42:28	300	67	3.0	#2 SN Observat	2	
0048.COMP	10	04:56	15:51:12.1	+25:42:28	300	67	3.0	#2 SN Observat	2	
0049.test	10	05:03	17:43:26.8	+25:49:23	600	90	2.0	#182 Runaway B	4	
0050.bhvs290	720	05:04	17:43:26.8	+25:49:23	600	90	2.0	#182 Runaway B	4	
0051.COMP	10	05:16	17:43:26.8	+25:49:23	600	90	2.0	#182 Runaway B	4	

UT Date 2009-07-31 Observers P BerlindColl. Focus 1350 Grating/Grism 600

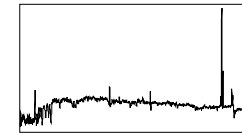
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0052.bhvs291	900	05:18	17:53:19.3	+25:10:25	600	90	2.0	#182 Runaway B	4	
0053.COMP	10	05:33	17:53:19.3	+25:10:25	600	90	2.0	#182 Runaway B	4	
0054.bhvs292	1200	05:34	17:58:25.3	+25:09:58	600	90	2.0	#182 Runaway B	4	
0055.COMP	10	05:55	17:58:25.3	+25:09:58	600	90	2.0	#182 Runaway B	4	
0056.bhvs283	1200	05:56	17:28:03.2	+28:16:07	600	90	2.0	#182 Runaway B	4	
0057.COMP	10	06:16	17:28:03.2	+28:16:07	600	90	2.0	#182 Runaway B	4	
0058.bhvs324	1020	06:17	17:24:00.2	+35:57:56	600	90	2.0	#182 Runaway B	4	
0059.COMP	10	06:35	17:24:00.2	+35:57:56	600	90	2.0	#182 Runaway B	4	
0060.bhvs325	1200	06:36	17:24:13.1	+30:13:17	600	90	2.0	#182 Runaway B	4	
0061.COMP	10	06:56	17:24:13.1	+30:13:17	600	90	2.0	#182 Runaway B	4	
0062.bhvs326	600	06:58	17:27:24.8	+33:40:41	600	90	2.0	#182 Runaway B	4	
0063.COMP	10	07:08	17:27:24.8	+33:40:41	600	90	2.0	#182 Runaway B	4	
0064.bhvs351	1800	07:09	18:31:09.5	+42:17:59	600	90	2.0	#182 Runaway B	4	
0065.COMP	10	07:40	18:31:09.5	+42:17:59	600	90	2.0	#182 Runaway B	4	
0066.bhvs352	1800	07:41	18:33:33.6	+41:29:00	600	90	2.0	#182 Runaway B	4	
0067.COMP	10	08:11	18:33:33.6	+41:29:00	600	90	2.0	#182 Runaway B	4	
0068.bhvs353	1200	08:13	18:39:03.4	+41:16:22	600	90	2.0	#182 Runaway B	4	
0069.COMP	10	08:33	18:39:03.4	+41:16:22	600	90	2.0	#182 Runaway B	4	
0070.bhvs374	1800	08:35	20:56:01.0	+04:03:06	600	90	2.0	#182 Runaway B	4	
0071.COMP	10	09:05	20:56:01.0	+04:03:06	600	90	2.0	#182 Runaway B	4	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0072.bhvs379	1200	09:06	21:07:39.8	+04:01:21	600	90	2.0	#182 Runaway B	4	
0073.COMP	10	09:27	21:07:39.8	+04:01:21	600	90	2.0	#182 Runaway B	4	
0074.bhvs380	900	09:28	21:08:00.3	+06:15:15	600	90	2.0	#182 Runaway B	4	
0075.COMP	10	09:44	21:08:00.3	+06:15:15	600	90	2.0	#182 Runaway B	4	
0076.bhvs375	900	09:45	20:56:15.4	+15:55:21	600	90	2.0	#182 Runaway B	4	
0077.COMP	10	10:01	20:56:15.4	+15:55:21	600	90	2.0	#182 Runaway B	4	
0078.bhvs376	900	10:02	20:56:50.6	+16:07:15	600	90	2.0	#182 Runaway B	4	
0079.COMP	10	10:17	20:56:50.6	+16:07:15	600	90	2.0	#182 Runaway B	4	
0080.BD+404220	30	10:18	20:32:22.4	+41:18:19	600	90	2.0	#99 Other	4	for Emilio
0081.BD+404220	90	10:19	20:32:22.4	+41:18:19	600	90	2.0	#99 Other	4	
0082.BD+404220	90	10:21	20:32:22.4	+41:18:19	600	90	2.0	#99 Other	4	
0083.COMP	10	10:23	20:32:22.4	+41:18:19	600	90	2.0	#99 Other	4	RTSYSTEM LOCKED UP AGAIN
0084.bhvs381	960	10:29	21:09:07.4	+18:17:47	600	90	2.0	#182 Runaway B	4	
0085.COMP	10	10:46	21:09:07.4	+18:17:47	600	90	2.0	#182 Runaway B	4	
0086.bhvs378	1200	10:48	21:03:32.1	+15:42:31	600	90	2.0	#182 Runaway B	4	
0087.COMP	10	11:09	21:03:32.1	+15:42:31	600	90	2.0	#182 Runaway B	4	
0088.bhvs386	1200	11:10	21:19:19.7	+19:13:37	600	90	2.0	#182 Runaway B	4	
0089.COMP	10	11:30	21:19:19.7	+19:13:37	600	90	2.0	#182 Runaway B	4	
0090-0099.BIAS	0	11:33	21:19:19.7	+19:13:37	600	90	2.0	#182 Runaway B	4	
0100-0109.FLAT	12	11:37	21:19:19.7	+19:13:37	600	90	2.0	#182 Runaway B	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>
0110-0114.DARK	900	12:46	21:19:19.7	+19:13:37	600	90	2.0	#182 Runaway B	4	

UT Date 2009-08-01 Observers P BerlindColl. Focus 1350 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001-0003.DARK	900	01:51	21:19:19.7	+19:13:37	600	90	2.0	#182 Runaway B	4	
0004-0006.DARK	300	02:26	21:19:19.7	+19:13:37	600	90	2.0	#182 Runaway B	2	
0007-0016.BIAS	0	02:33	21:19:19.7	+19:13:37	600	90	2.0	#182 Runaway B	4	
0017-0031.FLAT	12	02:38	21:19:19.7	+19:13:37	600	90	2.0	#182 Runaway B	4	
0032.bhvs296	720	03:21	16:40:48.5	+36:50:38	600	90	2.0	#182 Runaway B	4	600gpm, 2-sec, Warren
0033.COMP	10	03:34	16:40:48.5	+36:50:38	600	90	2.0	#182 Runaway B	4	
0034.bhvs302	780	03:35	17:00:19.8	+32:39:40	600	90	2.0	#182 Runaway B	4	
0035.COMP	10	03:49	17:00:19.8	+32:39:40	600	90	2.0	#182 Runaway B	4	
0036.bhvs303	1020	03:50	17:00:39.1	+32:13:51	600	90	2.0	#182 Runaway B	4	
0037.COMP	10	04:07	17:00:39.1	+32:13:51	600	90	2.0	#182 Runaway B	4	
0038.bhvs297	910	04:08	16:47:07.2	+48:47:19	600	90	2.0	#182 Runaway B	4	variable clouds
0039.COMP	10	04:24	16:47:07.2	+48:47:19	600	90	2.0	#182 Runaway B	4	
0040.bhvs301	563	04:26	16:59:43.7	+74:24:48	600	90	2.0	#182 Runaway B	4	
0041.COMP	10	04:35	16:59:43.7	+74:24:48	600	90	2.0	#182 Runaway B	4	
0042.bhvs308	1020	05:11	17:05:58.4	+63:55:01	600	90	2.0	#182 Runaway B	4	
0043.COMP	10	05:29	17:05:58.4	+63:55:01	600	90	2.0	#182 Runaway B	4	
0044.bhvs307	1020	05:30	17:05:09.8	+44:33:31	600	90	2.0	#182 Runaway B	4	
0045.COMP	10	05:47	17:05:09.8	+44:33:31	600	90	2.0	#182 Runaway B	4	
0046.bhvs306	780	05:48	17:03:12.0	+39:26:56	600	90	2.0	#182 Runaway B	4	
0047.COMP	10	06:01	17:03:12.0	+39:26:56	600	90	2.0	#182 Runaway B	4	

UT Date 2009-08-01 Observers P BerlindColl. Focus 1350 Grating/Grism 300

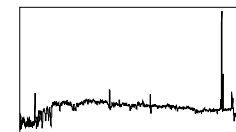
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0048.bhvs311	1700	06:02	17:08:45.6	+39:18:17	600	90	2.0	#182 Runaway B	4	
0049.COMP	10	06:31	17:08:45.6	+39:18:17	600	90	2.0	#182 Runaway B	4	
0050.bhvs313	1700	06:33	17:09:48.6	+40:04:05	600	90	2.0	#182 Runaway B	4	
0051.COMP	10	07:02	17:09:48.6	+40:04:05	600	90	2.0	#182 Runaway B	4	
0052.bhvs338	720	07:03	17:49:09.1	+46:45:37	600	90	2.0	#182 Runaway B	4	
0053.COMP	10	07:15	17:49:09.1	+46:45:37	600	90	2.0	#182 Runaway B	4	
0054.bhvs336	1200	07:16	17:46:35.4	+58:10:42	600	90	2.0	#182 Runaway B	4	
0055.COMP	10	07:36	17:46:35.4	+58:10:42	600	90	2.0	#182 Runaway B	4	
0056.bhvs354	1320	07:38	18:49:49.8	+41:32:32	600	90	2.0	#182 Runaway B	4	
0057.COMP	10	08:00	18:49:49.8	+41:32:32	600	90	2.0	#182 Runaway B	4	
0058.bhvs355	1800	08:02	18:53:53.9	+39:09:11	600	90	2.0	#182 Runaway B	4	
0059.COMP	10	08:32	18:53:53.9	+39:09:11	600	90	2.0	#182 Runaway B	4	
0060.BDp284211	180	08:34	21:51:11.0	+28:51:50	600	90	2.0	#182 Runaway B	4	
0061.COMP	10	08:38	21:51:11.0	+28:51:50	600	90	2.0	#182 Runaway B	4	
0062.test	10	08:42	22:31:10.9	+32:00:00	300	90	3.0	#182 Runaway B	2	
0063.test	10	08:43	22:31:10.9	+32:00:00	300	90	3.0	#182 Runaway B	2	
0064.Deneb	10	08:44	20:41:25.9	+45:16:49	300	90	3.0	#2 SN Observat	2	300gpm, 3-sec, combo
0065.Deneb	10	08:45	20:41:25.9	+45:16:49	300	90	3.0	#2 SN Observat	2	
0066.Deneb	10	08:45	20:41:25.9	+45:16:49	300	90	3.0	#2 SN Observat	2	
0067.Deneb	10	08:47	20:41:25.9	+45:16:49	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
0068.Deneb	10	08:47	20:41:25.9	+45:16:49	300	90	3.0	#2 SN Observat	2	
0069.Deneb	10	08:47	20:41:25.9	+45:16:49	300	90	3.0	#2 SN Observat	2	
0070.COMP	10	08:48	20:41:25.9	+45:16:49	300	90	3.0	#2 SN Observat	2	
0071.BDp284211	120	08:50	21:51:11.0	+28:51:50	300	90	3.0	#56 Spectropho	2	
0072.BDp284211	120	08:52	21:51:11.0	+28:51:50	300	90	3.0	#56 Spectropho	2	
0073.BDp284211	120	08:54	21:51:11.0	+28:51:50	300	90	3.0	#56 Spectropho	2	
0074.COMP	10	08:56	21:51:11.0	+28:51:50	300	90	3.0	#56 Spectropho	2	
0075.BDp174708	90	08:57	22:11:31.4	+18:05:34	300	90	3.0	#56 Spectropho	2	
0076.BDp174708	90	08:59	22:11:31.4	+18:05:34	300	90	3.0	#56 Spectropho	2	
0077.BDp174708	90	09:01	22:11:31.4	+18:05:34	300	90	3.0	#56 Spectropho	2	
0078.COMP	10	09:03	22:11:31.4	+18:05:34	300	90	3.0	#56 Spectropho	2	
0079.AS360	75	09:06	19:45:49.0	+18:36:49	300	90	3.0	#12 Symbiotic	2	
0080.AS360	360	09:08	19:45:49.0	+18:36:49	300	90	3.0	#12 Symbiotic	2	
0081.COMP	10	09:14	19:45:49.0	+18:36:49	300	90	3.0	#12 Symbiotic	2	
0082.PUVu1	2	09:15	20:21:13.0	+21:34:21	300	90	3.0	#12 Symbiotic	2	
0083.PUVu1	30	09:16	20:21:13.0	+21:34:21	300	90	3.0	#12 Symbiotic	2	
0084.PUVu1	15	09:17	20:21:13.0	+21:34:21	300	90	3.0	#12 Symbiotic	2	
0085.PUVu1	120	09:18	20:21:13.0	+21:34:21	300	90	3.0	#12 Symbiotic	2	
0086.COMP	10	09:21	20:21:13.0	+21:34:21	300	90	3.0	#12 Symbiotic	2	
0087.BLLac	600	09:23	22:02:43.3	+42:16:40	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
0088.COMP	10	09:33	22:02:43.3	+42:16:40	300	90	3.0	#6 AGN Monitor	2	
0089.C212325.1+184428	1200	09:36	21:23:25.1	+18:44:28	300	41	3.0	#188 Dwarf C S	2	
0090.COMP	10	09:56	21:23:25.1	+18:44:28	300	41	3.0	#188 Dwarf C S	2	
0091.C214613.2+064351	600	09:57	21:46:13.2	+06:43:51	300	41	3.0	#188 Dwarf C S	2	
0092.COMP	10	10:08	21:46:13.2	+06:43:51	300	41	3.0	#188 Dwarf C S	2	
0093.C220032.2+120714	480	10:09	22:00:32.2	+12:07:14	300	41	3.0	#188 Dwarf C S	2	
0094.COMP	10	10:18	22:00:32.2	+12:07:14	300	41	3.0	#188 Dwarf C S	2	
0095.RAqr	60	10:20	23:43:49.0	-15:17:05	300	0	3.0	#12 Symbiotic	2	
0096.RAqr	30	10:21	23:43:49.0	-15:17:05	300	0	3.0	#12 Symbiotic	2	
0097.RAqr	10	10:22	23:43:49.0	-15:17:05	300	0	3.0	#12 Symbiotic	2	
0098.COMP	10	10:23	23:43:49.0	-15:17:05	300	0	3.0	#12 Symbiotic	2	
0099.N7469	120	10:24	23:03:15.7	+08:52:27	300	19	3.0	#6 AGN Monitor	2	
0100.N7469	120	10:27	23:03:15.7	+08:52:27	300	19	3.0	#6 AGN Monitor	2	
0101.COMP	10	10:29	23:03:15.7	+08:52:27	300	19	3.0	#6 AGN Monitor	2	
0102.ZAnd	10	10:32	23:33:40.0	+48:49:06	300	89	3.0	#12 Symbiotic	2	
0103.ZAnd	5	10:33	23:33:40.0	+48:49:06	300	89	3.0	#12 Symbiotic	2	
0104.ZAnd	30	10:33	23:33:40.0	+48:49:06	300	89	3.0	#12 Symbiotic	2	
0105.COMP	10	10:34	23:33:40.0	+48:49:06	300	89	3.0	#12 Symbiotic	2	
0106.AXPer	5	10:36	01:36:23.0	+54:15:03	300	89	3.0	#12 Symbiotic	2	
0107.AXPer	20	10:36	01:36:23.0	+54:15:03	300	89	3.0	#12 Symbiotic	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0108.AXPer	90	10:37	01:36:23.0	+54:15:03	300	89	3.0	#12 Symbiotic	2	
0109.COMP	10	10:39	01:36:23.0	+54:15:03	300	89	3.0	#12 Symbiotic	2	
0110.C232525.6+131340	540	10:41	23:25:25.7	+13:13:40	300	89	3.0	#188 Dwarf C S	2	
0111.COMP	10	10:51	23:25:25.7	+13:13:40	300	89	3.0	#188 Dwarf C S	2	
0112.C233137.9+074545	540	10:52	23:31:37.9	+07:45:45	300	89	3.0	#188 Dwarf C S	2	
0113.COMP	10	11:01	23:31:37.9	+07:45:45	300	89	3.0	#188 Dwarf C S	2	
0114.C234130.9+091931	540	11:02	23:41:30.9	+09:19:31	300	89	3.0	#188 Dwarf C S	2	
0115.COMP	10	11:11	23:41:30.9	+09:19:31	300	89	3.0	#188 Dwarf C S	2	
0116.MRK335	180	11:12	00:06:19.6	+20:12:11	300	89	3.0	#6 AGN Monitor	2	
0117.MRK335	180	11:16	00:06:19.6	+20:12:11	300	89	3.0	#6 AGN Monitor	2	
0118.COMP	10	11:19	00:06:19.6	+20:12:11	300	89	3.0	#6 AGN Monitor	2	
0119.225m280	300	11:20	00:44:29.8	+41:21:25	300	89	3.0	#57 Velocity S	2	
0120.COMP	10	11:26	00:44:29.8	+41:21:25	300	89	3.0	#57 Velocity S	2	
0121-0130.BIAS	0	11:29	00:44:29.8	+41:21:25	300	89	3.0	#56 Spectropho	2	
0131-0145.FLAT	7	11:34	00:44:29.8	+41:21:25	300	89	3.0	#56 Spectropho	2	