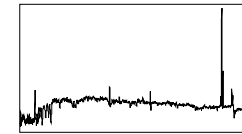
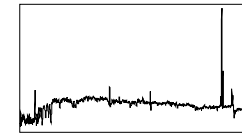
UT Date 2009-09-11 Observers M CalkinsColl. Focus 1740 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001-0003.DARK	900	02:02	16:32:31.1	+31:31:30	300	89	3.0	#56 Spectropho	2	
0004-0013.BIAS	0	02:19	16:32:31.1	+31:31:30	300	89	3.0	#56 Spectropho	4	
0014-0033.FLAT	10	02:33	16:32:31.1	+31:31:30	300	89	3.0	#56 Spectropho	2	
0034-0043.BIAS	0	02:37	16:32:31.1	+31:31:30	300	89	3.0	#56 Spectropho	2	
0044.BDp332642	240	03:04	15:51:59.9	+32:56:54	300	79	3.0	#56 Spectropho	2	in and around clouds
0045.COMP	10	03:08	15:51:59.9	+32:56:54	300	79	3.0	#56 Spectropho	2	
0046.TCrB	15	03:20	15:59:30.0	+25:55:12	300	90	3.0	#12 Symbiotic	2	
0047.TCrB	70	03:21	15:59:30.0	+25:55:12	300	90	3.0	#12 Symbiotic	2	
0048.COMP	10	03:23	15:59:30.0	+25:55:12	300	90	3.0	#12 Symbiotic	2	
0049.TCrB	120	03:24	15:59:30.0	+25:55:12	300	90	3.0	#12 Symbiotic	2	
0050.COMP	10	03:26	15:59:30.0	+25:55:12	300	90	3.0	#12 Symbiotic	2	
0051.AGDra	2	03:31	16:01:41.0	+66:48:10	300	90	3.0	#12 Symbiotic	2	
0052.AGDra	15	03:32	16:01:41.0	+66:48:10	300	90	3.0	#12 Symbiotic	2	
0053.AGDra	60	03:32	16:01:41.0	+66:48:10	300	90	3.0	#12 Symbiotic	2	
0054.AGDra	90	03:34	16:01:41.0	+66:48:10	300	90	3.0	#12 Symbiotic	2	
0055.COMP	10	03:36	16:01:41.0	+66:48:10	300	90	3.0	#12 Symbiotic	2	
0056.DracoC1	1200	04:23	17:19:58.0	+57:50:06	300	90	3.0	#12 Symbiotic	2	
0057.COMP	10	04:44	17:19:58.0	+57:50:06	300	90	3.0	#12 Symbiotic	2	wait out clouds
0058.PUVu1	1	07:07	20:21:13.0	+21:34:21	300	90	3.0	#12 Symbiotic	2	
0059.PUVu1	10	07:07	20:21:13.0	+21:34:21	300	90	3.0	#12 Symbiotic	2	

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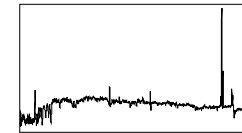
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0060.PUVul	60	07:07	20:21:13.0	+21:34:21	300	90	3.0	#12 Symbiotic	2	
0061.COMP	10	07:09	20:21:13.0	+21:34:21	300	90	3.0	#12 Symbiotic	2	
0062.CICyg	10	07:18	19:50:12.0	+35:41:02	300	90	3.0	#12 Symbiotic	2	
0063.CICyg	30	07:19	19:50:12.0	+35:41:02	300	90	3.0	#12 Symbiotic	2	
0064.COMP	10	07:21	19:50:12.0	+35:41:02	300	90	3.0	#12 Symbiotic	2	
0065.ZAnd	1	07:24	23:33:40.0	+48:49:06	300	90	3.0	#12 Symbiotic	2	
0066.ZAnd	5	07:25	23:33:40.0	+48:49:06	300	90	3.0	#12 Symbiotic	2	
0067.ZAnd	30	07:25	23:33:40.0	+48:49:06	300	90	3.0	#12 Symbiotic	2	
0068.COMP	10	07:26	23:33:40.0	+48:49:06	300	90	3.0	#12 Symbiotic	2	
0069.BDp284211	120	07:31	21:51:11.0	+28:51:50	300	76	3.0	#56 Spectropho	2	
0070.BDp284211	120	07:33	21:51:11.0	+28:51:50	300	76	3.0	#56 Spectropho	2	
0071.COMP	10	07:36	21:51:11.0	+28:51:50	300	76	3.0	#56 Spectropho	2	
0072.BDp174708	23	07:39	22:11:31.4	+18:05:34	300	51	3.0	#56 Spectropho	2	
0073.BDp174708	23	07:40	22:11:31.4	+18:05:34	300	51	3.0	#56 Spectropho	2	
0074.COMP	10	07:41	22:11:31.4	+18:05:34	300	51	3.0	#56 Spectropho	2	
0075.N7331	180	07:45	22:37:04.1	+34:24:56	300	89	3.0	#57 Velocity S	2	
0076.COMP	10	07:49	22:37:04.1	+34:24:56	300	89	3.0	#57 Velocity S	2	
0077.20033878+2132359	600	08:00	20:03:38.8	+21:32:36	300	89	3.0	#141 Mapping t	2	
0078.COMP	10	08:10	20:03:38.8	+21:32:36	300	89	3.0	#141 Mapping t	2	
0079.20040005+6443546	480	08:18	20:04:00.1	+64:43:55	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
0080.COMP	10	08:27	20:04:00.1	+64:43:55	300	89	3.0	#141 Mapping t	2	
0081.00272843+5222115	900	08:32	00:27:28.4	+52:22:12	300	89	3.0	#141 Mapping t	2	
0082.COMP	10	08:48	00:27:28.4	+52:22:12	300	89	3.0	#141 Mapping t	2	
0083.02485271-1139526	660	09:25	02:48:52.7	-11:39:53	300	89	3.0	#141 Mapping t	2	
0084.COMP	10	09:37	02:48:52.7	-11:39:53	300	89	3.0	#141 Mapping t	2	
0085.00454020+5511431	480	09:43	00:45:40.2	+55:11:43	300	89	3.0	#141 Mapping t	2	
0086.COMP	10	09:52	00:45:40.2	+55:11:43	300	89	3.0	#141 Mapping t	2	
0087.00511396+5313109	300	09:54	00:51:14.0	+53:13:11	300	89	3.0	#141 Mapping t	2	
0088.COMP	10	10:00	00:51:14.0	+53:13:11	300	89	3.0	#141 Mapping t	2	
0089.RAqr	1	10:04	23:43:49.0	-15:17:05	300	89	3.0	#12 Symbiotic	2	
0090.RAqr	5	10:04	23:43:49.0	-15:17:05	300	89	3.0	#12 Symbiotic	2	
0091.RAqr	10	10:04	23:43:49.0	-15:17:05	300	89	3.0	#12 Symbiotic	2	
0092.COMP	10	10:05	23:43:49.0	-15:17:05	300	89	3.0	#12 Symbiotic	2	
0093.EGAnd	1	10:08	00:44:37.0	+40:40:47	300	89	3.0	#12 Symbiotic	2	
0094.EGAnd	5	10:09	00:44:37.0	+40:40:47	300	89	3.0	#12 Symbiotic	2	
0095.EGAnd	10	10:10	00:44:37.0	+40:40:47	300	89	3.0	#12 Symbiotic	2	
0096.COMP	5	10:12	00:44:37.0	+40:40:47	300	89	3.0	#12 Symbiotic	2	
0097.AXPer	4	10:14	01:36:23.0	+54:15:03	300	89	3.0	#12 Symbiotic	2	
0098.AXPer	30	10:14	01:36:23.0	+54:15:03	300	89	3.0	#12 Symbiotic	2	
0099.AXPer	90	10:15	01:36:23.0	+54:15:03	300	89	3.0	#12 Symbiotic	2	

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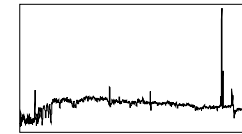
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0100.COMP	10	10:18	01:36:23.0	+54:15:03	300	89	3.0	#12 Symbiotic	2	
0101.sn2009ig	600	10:33	02:38:11.6	-01:18:45	300	89	3.0	#2 SN Observat	2	
0102.COMP	10	10:43	02:38:11.6	-01:18:45	300	89	3.0	#2 SN Observat	2	
0103.C003154.6+070307	720	11:13	00:31:54.7	+07:03:08	300	89	3.0	#188 Dwarf C S	2	
0104.COMP	10	11:26	00:31:54.7	+07:03:08	300	89	3.0	#188 Dwarf C S	2	
0105.C004526.0+244943	660	11:28	00:45:26.0	+24:49:44	300	89	3.0	#188 Dwarf C S	2	
0106.COMP	10	11:40	00:45:26.0	+24:49:44	300	89	3.0	#188 Dwarf C S	2	
0107.C002529.3+082920	1200	11:41	00:25:29.4	+08:29:20	300	89	3.0	#188 Dwarf C S	2	
0108.COMP	10	12:02	00:25:29.4	+08:29:20	300	89	3.0	#188 Dwarf C S	2	
0109.C030403.7+191131	900	12:04	03:04:03.8	+19:11:32	300	89	3.0	#188 Dwarf C S	2	
0110.COMP	10	12:19	03:04:03.8	+19:11:32	300	89	3.0	#188 Dwarf C S	2	
0111.HD19445	30	12:23	03:08:25.6	+26:19:51	300	89	3.0	#56 Spectropho	2	
0112.COMP	10	12:24	03:08:25.6	+26:19:51	300	89	3.0	#56 Spectropho	2	
0113.HD19445	15	12:24	03:08:25.6	+26:19:51	300	89	3.0	#56 Spectropho	2	
0114.COMP	10	12:25	03:08:25.6	+26:19:51	300	89	3.0	#56 Spectropho	2	
0115.HD19445	10	12:26	03:08:25.6	+26:19:51	300	89	3.0	#56 Spectropho	2	
0116.COMP	10	12:27	03:08:25.6	+26:19:51	300	89	3.0	#56 Spectropho	2	
0117-0126.BIAS	0	12:30	03:08:25.6	+26:19:51	300	89	3.0	#56 Spectropho	2	
0127-0146.FLAT	10	12:59	03:08:25.6	+26:19:51	300	89	3.0	#56 Spectropho	2	
0147-0158.DARK	900	15:53	05:01:47.2	+31:29:36	300	89	3.0	#56 Spectropho	2	

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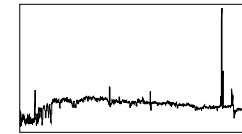
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001-0010.BIAS	0	01:31	17:25:00.0	+32:00:00	300	89	3.0	#57 Velocity S	2	
0011-0025.FLAT	7	01:36	17:25:00.0	+32:00:00	300	89	3.0	#57 Velocity S	2	
0026-0029.DARK	900	02:27	17:25:00.0	+32:00:00	300	89	3.0	#57 Velocity S	2	
0030.CHCyg	5	02:54	19:24:33.0	+50:14:30	300	89	3.0	#12 Symbiotic	2	stop and go through clouds all night
0031.CHCyg	5	02:55	19:24:33.0	+50:14:30	300	89	3.0	#12 Symbiotic	2	
0032.CHCyg	10	02:55	19:24:33.0	+50:14:30	300	89	3.0	#12 Symbiotic	2	
0033.CHCyg	10	02:56	19:24:33.0	+50:14:30	300	89	3.0	#12 Symbiotic	2	
0034.CHCyg	2	02:57	19:24:33.0	+50:14:30	300	89	3.0	#12 Symbiotic	2	
0035.COMP	10	02:57	19:24:33.0	+50:14:30	300	89	3.0	#12 Symbiotic	2	
0036.cygx_fast_1	100	03:01	20:21:22.4	+39:16:53	300	89	3.0	#190 Cygnus X	2	
0037.cygx_fast_2	120	03:04	20:21:23.8	+39:10:40	300	89	3.0	#190 Cygnus X	2	
0038.cygx_fast_4	100	03:07	20:21:26.6	+39:18:36	300	89	3.0	#190 Cygnus X	2	
0039.cygx_fast_5	120	03:10	20:21:28.4	+39:14:35	300	89	3.0	#190 Cygnus X	2	
0040.cygx_fast_6	150	03:12	20:21:31.1	+38:55:44	300	89	3.0	#190 Cygnus X	2	
0041.COMP	10	03:15	20:21:31.1	+38:55:44	300	89	3.0	#190 Cygnus X	2	
0042.cygx_fast_7	180	03:17	20:21:47.0	+38:47:55	300	89	3.0	#190 Cygnus X	2	
0043.cygx_fast_8	151	03:21	20:21:48.9	+39:13:22	300	89	3.0	#190 Cygnus X	2	
0044.cygx_fast_9	180	03:24	20:21:49.0	+39:28:56	300	89	3.0	#190 Cygnus X	2	
0045.cygx_fast_10	180	03:28	20:21:50.7	+38:58:16	300	89	3.0	#190 Cygnus X	2	
0046.cygx_fast_11	361	03:32	20:21:55.3	+39:18:06	300	89	3.0	#190 Cygnus X	2	

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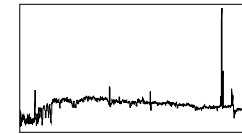
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0047.COMP	10	03:39	20:21:55.3	+39:18:06	300	89	3.0	#190 Cygnus X	2	
0048.cygx_fast_12	300	03:41	20:21:56.6	+39:17:35	300	89	3.0	#190 Cygnus X	2	
0049.cygx_fast_13	270	03:46	20:21:59.5	+39:06:15	300	89	3.0	#190 Cygnus X	2	
0050.cygx_fast_14	180	03:52	20:22:07.7	+38:56:30	300	99	3.0	#190 Cygnus X	2	
0051.cygx_fast_15	210	03:55	20:22:34.0	+39:28:56	300	99	3.0	#190 Cygnus X	2	
0052.COMP	10	04:00	20:22:34.0	+39:28:56	300	99	3.0	#190 Cygnus X	2	
0053.cygx_fast_16	240	04:32	20:22:34.8	+39:47:16	300	90	3.0	#190 Cygnus X	2	
0054.cygx_fast_18	240	04:37	20:22:35.3	+39:15:36	300	90	3.0	#190 Cygnus X	2	
0055.cygx_fast_19	180	04:42	20:22:39.6	+39:20:12	300	86	3.0	#190 Cygnus X	2	
0056.cygx_fast_20	180	04:46	20:22:42.2	+39:33:23	300	86	3.0	#190 Cygnus X	2	
0057.cygx_fast_21	130	04:50	20:22:45.7	+39:43:24	300	86	3.0	#190 Cygnus X	2	
0058.COMP	10	04:52	20:22:45.7	+39:43:24	300	86	3.0	#190 Cygnus X	2	
0059.cygx_fast_24	180	04:54	20:22:50.0	+39:18:15	300	89	3.0	#190 Cygnus X	2	
0060.cygx_fast_25	150	04:58	20:22:52.0	+39:40:16	300	89	3.0	#190 Cygnus X	2	
0061.cygx_fast_27	150	05:01	20:22:58.5	+39:36:45	300	89	3.0	#190 Cygnus X	2	
0062.COMP	10	05:10	20:22:59.3	+39:41:56	300	89	3.0	#190 Cygnus X	2	
0063.BDp284211	120	06:02	21:51:11.0	+28:51:50	300	89	3.0	#56 Spectropho	2	
0064.BDp284211	120	06:04	21:51:11.0	+28:51:50	300	89	3.0	#56 Spectropho	2	
0065.BDp284211	120	06:06	21:51:11.0	+28:51:50	300	89	3.0	#56 Spectropho	2	
0066.BDp284211	240	06:09	21:51:11.0	+28:51:50	300	89	3.0	#56 Spectropho	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0067.COMP	10	06:13	21:51:11.0	+28:51:50	300	89	3.0	#56 Spectropho	2	
0068.BDp174708	60	06:15	22:11:31.4	+18:05:34	300	89	3.0	#56 Spectropho	2	
0069.BDp174708	60	06:16	22:11:31.4	+18:05:34	300	89	3.0	#56 Spectropho	2	
0070.BDp174708	180	06:17	22:11:31.4	+18:05:34	300	89	3.0	#56 Spectropho	2	
0071.COMP	10	06:21	22:11:31.4	+18:05:34	300	89	3.0	#56 Spectropho	2	
0072.C234130.9+091931	900	07:23	23:41:30.9	+09:19:31	300	89	3.0	#188 Dwarf C S	2	
0073.COMP	10	07:39	23:41:30.9	+09:19:31	300	89	3.0	#188 Dwarf C S	2	
0074.C230559.3+071902	900	07:44	23:05:59.3	+07:19:03	300	21	3.0	#188 Dwarf C S	2	
0075.COMP	10	08:00	23:05:59.3	+07:19:03	300	21	3.0	#188 Dwarf C S	2	
0076.C234620.0+001356	1200	08:02	23:46:20.0	+00:13:57	300	10	3.0	#188 Dwarf C S	2	
0077.COMP	10	08:23	23:46:20.0	+00:13:57	300	10	3.0	#188 Dwarf C S	2	
0078.C004845.5+135441	900	08:24	00:48:45.5	+13:54:42	300	10	3.0	#188 Dwarf C S	2	
0079.COMP	10	08:39	00:48:45.5	+13:54:42	300	10	3.0	#188 Dwarf C S	2	
0080.C005130.0+160736	1200	08:41	00:51:30.0	+16:07:37	300	10	3.0	#188 Dwarf C S	2	
0081.COMP	10	09:01	00:51:30.0	+16:07:37	300	10	3.0	#188 Dwarf C S	2	
0082.C010633.9+073339	720	09:03	01:06:33.9	+07:33:39	300	10	3.0	#188 Dwarf C S	2	
0083.COMP	10	09:15	01:06:33.9	+07:33:39	300	10	3.0	#188 Dwarf C S	2	
0084.C011803.4+003450	720	09:19	01:18:03.4	+00:34:50	300	10	3.0	#188 Dwarf C S	2	
0085.COMP	10	09:32	01:18:03.4	+00:34:50	300	10	3.0	#188 Dwarf C S	2	
0086.C015723.8+071248	900	09:33	01:57:23.9	+07:12:49	300	10	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
0087.COMP	10	09:49	01:57:23.9	+07:12:49	300	10	3.0	#188 Dwarf C S	2	
0088.C015856.7+141236	900	09:51	01:58:56.7	+14:12:37	300	-1	3.0	#188 Dwarf C S	2	dC
0089.COMP	10	10:06	01:58:56.7	+14:12:37	300	-1	3.0	#188 Dwarf C S	2	
0090.C022312.4+063415	1200	10:08	02:23:12.5	+06:34:15	300	-1	3.0	#188 Dwarf C S	2	
0091.COMP	10	10:28	02:23:12.5	+06:34:15	300	-1	3.0	#188 Dwarf C S	2	
0092.sn2009ig	600	10:30	02:38:11.6	-01:18:45	300	-1	3.0	#2 SN Observat	2	
0093.COMP	10	10:41	02:38:11.6	-01:18:45	300	-1	3.0	#2 SN Observat	2	
0094.w5a10771	180	10:44	02:53:59.0	+60:39:59	300	-1	3.0	#190 Cygnus X	2	
0095.COMP	10	10:48	02:53:59.0	+60:39:59	300	-1	3.0	#190 Cygnus X	2	
0096.02531_1705	330	10:49	02:56:57.5	+60:55:02	300	-1	3.0	#190 Cygnus X	2	
0097.COMP	10	10:55	02:56:57.5	+60:55:02	300	-1	3.0	#190 Cygnus X	2	
0098.w5b8979	180	10:56	02:50:47.5	+60:27:05	300	-1	3.0	#190 Cygnus X	2	
0099.COMP	10	11:00	02:50:47.5	+60:27:05	300	-1	3.0	#190 Cygnus X	2	
0100.w5b13212	420	11:01	02:51:14.2	+60:22:29	300	-5	3.0	#190 Cygnus X	2	
0101.COMP	10	11:08	02:51:14.2	+60:22:29	300	-5	3.0	#190 Cygnus X	2	
0102.test	20	11:33	03:04:28.1	+20:23:04	300	90	3.0	#188 Dwarf C S	1	
0103-0112.BIAS	0	11:38	03:04:28.1	+20:23:04	300	90	3.0	#57 Velocity S	2	
0113-0127.FLAT	7	11:44	03:04:28.1	+20:23:04	300	90	3.0	#57 Velocity S	2	
0128-0132.DARK	900	12:51	03:04:28.1	+20:23:04	300	90	3.0	#57 Velocity S	2	

UT Date 2009-09-13 Observers P BerlindColl. Focus 1760 Grating/Grism 600

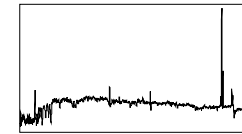
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001-0005.DARK	900	22:52	03:04:28.1	+20:23:04	300	90	3.0	#57 Velocity S	2	
0006-0010.DARK	900	00:08	03:04:28.1	+20:23:04	300	90	3.0	#57 Velocity S	4	
0011-0020.BIAS	0	01:13	03:04:28.1	+20:23:04	300	90	3.0	#57 Velocity S	2	
0021-0035.FLAT	7	01:18	03:04:28.1	+20:23:04	300	90	3.0	#57 Velocity S	2	
0036-0040.DARK	900	02:21	03:04:28.1	+20:23:04	300	90	3.0	#57 Velocity S	2	
0041-0045.DARK	900	03:37	03:04:28.1	+20:23:04	300	90	3.0	#57 Velocity S	4	
0046-0055.FLAT	12	09:24	03:04:28.1	+20:23:04	600	90	2.0	#57 Velocity S	4	
0056-0065.BIAS	0	09:27	03:04:28.1	+20:23:04	600	90	2.0	#57 Velocity S	4	
0066.COMP	10	09:30	03:04:28.1	+20:23:04	600	90	2.0	#57 Velocity S	4	
0067.test	60	09:40	00:00:28.2	+32:27:27	600	90	2.0	#182 Runaway B	4	
0068.bhvs472	965	09:44	00:00:28.2	+32:27:27	600	90	2.0	#182 Runaway B	4	
0069.COMP	10	10:01	00:00:28.2	+32:27:27	600	90	2.0	#182 Runaway B	4	
0070.bhvs473	1800	10:15	00:05:16.4	+26:29:41	600	90	2.0	#182 Runaway B	4	
0071.COMP	10	10:45	00:05:16.4	+26:29:41	600	90	2.0	#182 Runaway B	4	
0072.bhvs477	1265	11:00	01:13:59.0	+29:27:16	600	90	2.0	#182 Runaway B	4	
0073.COMP	10	11:22	01:13:59.0	+29:27:16	600	90	2.0	#182 Runaway B	4	
0074.bhvs478	811	11:24	01:27:02.4	+34:45:01	600	90	2.0	#182 Runaway B	4	
0075.COMP	10	11:38	01:27:02.4	+34:45:01	600	90	2.0	#182 Runaway B	4	
0076.bhvs479	1095	11:39	01:28:06.1	+35:21:42	600	90	2.0	#182 Runaway B	4	
0077.COMP	10	11:57	01:28:06.1	+35:21:42	600	90	2.0	#182 Runaway B	4	

UT Date 2009-09-13 Observers P BerlindColl. Focus 1760 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>
0078-0082.DARK	900	13:05	01:28:06.1	+35:21:42	600	90	2.0	#182 Runaway B	4	

UT Date 2009-09-14 Observers P BerlindColl. Focus 1760 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0045.test	20	05:52	01:28:06.1	+35:21:42	600	90	2.0	#57 Velocity S	2	FAST ccd ion pump failed today, ccd warmed up
0046.test	20	05:58	01:28:06.1	+35:21:42	600	90	2.0	#57 Velocity S	2	
0047.test	30	05:59	01:28:06.1	+35:21:42	600	90	2.0	#57 Velocity S	1	
0048.test	30	06:01	01:28:06.1	+35:21:42	600	90	2.0	#57 Velocity S	1	
0049.DARK	300	06:05	01:28:06.1	+35:21:42	600	90	2.0	#57 Velocity S	2	
0050.BIAS	0	06:12	01:28:06.1	+35:21:42	600	90	2.0	#57 Velocity S	4	ok, ccd is cold again, ready to go
0051-0060.BIAS	0	06:14	01:28:06.1	+35:21:42	600	90	2.0	#57 Velocity S	4	
0061-0080.FLAT	12	06:20	01:28:06.1	+35:21:42	600	90	2.0	#57 Velocity S	4	
0081.BIAS	0	06:21	01:28:06.1	+35:21:42	600	90	2.0	#57 Velocity S	4	
0083.test	10	06:27	01:28:06.1	+35:21:42	600	90	2.0	#57 Velocity S	4	
0084.bhvs383	720	06:31	21:15:09.7	+10:52:25	600	90	2.0	#182 Runaway B	4	
0085.COMP	10	06:43	21:15:09.7	+10:52:25	600	90	2.0	#182 Runaway B	4	
0086.bhvs384	720	06:46	21:17:21.4	+06:00:08	600	90	2.0	#182 Runaway B	4	
0087.COMP	10	06:59	21:17:21.4	+06:00:08	600	90	2.0	#182 Runaway B	4	
0088.bhvs388	1200	07:00	21:21:40.7	+18:18:18	600	90	2.0	#182 Runaway B	4	
0089.COMP	10	07:21	21:21:40.7	+18:18:18	600	90	2.0	#182 Runaway B	4	
0090.bhvs389	780	07:21	21:23:39.3	+10:17:13	600	90	2.0	#182 Runaway B	4	
0091.COMP	10	07:35	21:23:39.3	+10:17:13	600	90	2.0	#182 Runaway B	4	
0092.bhvs413	1200	07:36	22:17:08.9	+12:04:45	600	90	2.0	#182 Runaway B	4	
0093.COMP	10	07:56	22:17:08.9	+12:04:45	600	90	2.0	#182 Runaway B	4	

UT Date 2009-09-14 Observers P BerlindColl. Focus 1760 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>
0094.bhvs414	968	07:58	22:32:10.9	+23:42:54	600	90	2.0	#182 Runaway B	4	
0095.COMP	10	08:14	00:08:23.2	+29:05:27	600	90	2.0	#57 Velocity S	4	bad header, this comp ok, taken at target position
0096.test	10	08:36	00:08:23.2	+29:05:27	300	90	3.0	#57 Velocity S	2	
0097.test	10	08:38	00:08:23.2	+29:05:27	300	90	3.0	#57 Velocity S	2	
0098-0102.DARK	900	10:45	00:08:23.2	+29:05:27	300	90	3.0	#57 Velocity S	2	
0103-0107.DARK	900	12:02	00:08:23.2	+29:05:27	300	90	3.0	#57 Velocity S	4	

UT Date 2009-09-15 Observers M CalkinsColl. Focus 1760 Grating/Grism 300

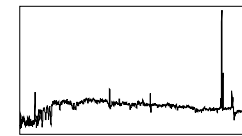
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001.BIAS	0	19:06	00:08:23.2	+29:05:27	300	90	3.0	#57 Velocity S	2	binby2
0002.BIAS	0	01:51	18:03:01.8	+31:30:13	300	90	3.0	#57 Velocity S	4	binby4
0003-0012.BIAS	0	01:55	18:03:01.8	+31:30:13	300	90	3.0	#57 Velocity S	4	
0013.BIAS	0	01:56	18:03:01.8	+31:30:13	300	90	3.0	#57 Velocity S	2	binby2
0014-0022.BIAS	0	01:58	18:03:01.8	+31:30:13	300	90	3.0	#57 Velocity S	2	
0023-0042.FLAT	10	02:05	18:03:01.8	+31:30:13	300	90	3.0	#57 Velocity S	2	
0043.BDp332642	60	02:30	15:51:59.9	+32:56:54	300	81	3.0	#56 Spectropho	2	
0044.COMP	10	02:32	15:51:59.9	+32:56:54	300	81	3.0	#56 Spectropho	2	
0045.N5866	180	02:47	15:06:29.5	+55:45:48	300	89	3.0	#57 Velocity S	2	
0046.COMP	10	02:50	15:06:29.5	+55:45:48	300	89	3.0	#57 Velocity S	2	
0047.Hen1341	12	02:53	17:08:36.0	-17:26:30	300	89	3.0	#12 Symbiotic	2	
0048.Hen1341	30	02:53	17:08:36.0	-17:26:30	300	89	3.0	#12 Symbiotic	2	
0049.Hen1341	60	02:54	17:08:36.0	-17:26:30	300	89	3.0	#12 Symbiotic	2	
0050.COMP	10	02:56	17:08:36.0	-17:26:30	300	89	3.0	#12 Symbiotic	2	
0051.Hen1591	120	02:58	18:07:32.0	-25:53:43	300	89	3.0	#12 Symbiotic	2	
0052.Hen1591	300	03:01	18:07:32.0	-25:53:43	300	89	3.0	#12 Symbiotic	2	
0053.COMP	10	03:06	18:07:32.0	-25:53:43	300	89	3.0	#12 Symbiotic	2	
0054.sn2009dc	1800	03:11	15:51:12.1	+25:42:28	300	69	3.0	#2 SN Observat	2	faint
0055.COMP	10	03:42	15:51:12.1	+25:42:28	300	69	3.0	#2 SN Observat	2	
0056.sn2009dc	1800	03:43	15:51:12.1	+25:42:28	300	69	3.0	#2 SN Observat	2	

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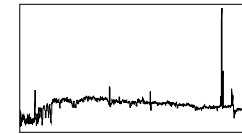
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0057.COMP	10	04:14	15:51:12.1	+25:42:28	300	69	3.0	#2 SN Observat	2	
0058.AS270	60	04:17	18:05:33.7	-20:20:38	300	89	3.0	#12 Symbiotic	2	
0059.AS270	300	04:18	18:05:33.7	-20:20:38	300	89	3.0	#12 Symbiotic	2	
0060.COMP	10	04:24	18:05:33.7	-20:20:38	300	89	3.0	#12 Symbiotic	2	
0061.RSOph	10	04:25	17:50:13.0	-06:42:30	300	89	3.0	#12 Symbiotic	2	
0062.RSOph	60	04:26	17:50:13.0	-06:42:30	300	89	3.0	#12 Symbiotic	2	
0063.RSOph	150	04:27	17:50:13.0	-06:42:30	300	89	3.0	#12 Symbiotic	2	
0064.COMP	10	04:30	17:50:13.0	-06:42:30	300	89	3.0	#12 Symbiotic	2	
0065.AS289	15	04:32	18:12:22.0	-11:40:08	300	89	3.0	#12 Symbiotic	2	
0066.AS289	420	04:32	18:12:22.0	-11:40:08	300	89	3.0	#12 Symbiotic	2	
0067.COMP	10	04:40	18:12:22.0	-11:40:08	300	89	3.0	#12 Symbiotic	2	
0068.YYHer	10	04:42	18:14:34.0	+20:59:19	300	89	3.0	#12 Symbiotic	2	
0069.YYHer	60	04:43	18:14:34.0	+20:59:19	300	89	3.0	#12 Symbiotic	2	
0070.COMP	10	04:45	18:14:34.0	+20:59:19	300	89	3.0	#12 Symbiotic	2	
0071.V443Her	5	04:46	18:22:07.0	+23:27:20	300	89	3.0	#12 Symbiotic	2	
0072.V443Her	45	04:47	18:22:07.0	+23:27:20	300	89	3.0	#12 Symbiotic	2	
0073.V443Her	90	04:48	18:22:07.0	+23:27:20	300	89	3.0	#12 Symbiotic	2	
0074.COMP	10	04:51	18:22:07.0	+23:27:20	300	89	3.0	#12 Symbiotic	2	
0075.pg2226p061	600	04:59	22:29:08.6	+06:22:47	600	89	1.5	#178 Extremely	4	
0076.COMP	10	05:09	22:29:08.6	+06:22:47	600	89	1.5	#178 Extremely	4	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0077.pg2226p061	600	05:11	22:29:08.6	+06:22:47	600	89	1.5	#178 Extremely	4	
0078.pg2226p061	600	05:21	22:29:08.6	+06:22:47	600	89	1.5	#178 Extremely	4	
0079.COMP	10	05:31	22:29:08.6	+06:22:47	600	89	1.5	#178 Extremely	4	
0080.pg2226p061	600	05:32	22:29:08.6	+06:22:47	600	89	1.5	#178 Extremely	4	
0081.pg2226p061	600	05:42	22:29:08.6	+06:22:47	600	89	1.5	#178 Extremely	4	
0082.COMP	10	05:53	22:29:08.6	+06:22:47	600	89	1.5	#178 Extremely	4	
0083.pg2226p061	600	05:53	22:29:08.6	+06:22:47	600	89	1.5	#178 Extremely	4	
0084.pg2226p061	600	06:04	22:29:08.6	+06:22:47	600	89	1.5	#178 Extremely	4	
0085.COMP	10	06:14	22:29:08.6	+06:22:47	600	89	1.5	#178 Extremely	4	
0086.pg2226p061	600	06:15	22:29:08.6	+06:22:47	600	89	1.5	#178 Extremely	4	
0087.pg2226p061	600	06:25	22:29:08.6	+06:22:47	600	89	1.5	#178 Extremely	4	
0088.COMP	10	06:36	22:29:08.6	+06:22:47	600	89	1.5	#178 Extremely	4	
0089.pg2226p061	600	06:37	22:29:08.6	+06:22:47	600	89	1.5	#178 Extremely	4	
0090.pg2226p061	600	06:47	22:29:08.6	+06:22:47	600	89	1.5	#178 Extremely	4	
0091.COMP	10	06:58	22:29:08.6	+06:22:47	600	89	1.5	#178 Extremely	4	
0092.pg2226p061	600	06:59	22:29:08.6	+06:22:47	600	89	1.5	#178 Extremely	4	
0093.pg2226p061	600	07:09	22:29:08.6	+06:22:47	600	89	1.5	#178 Extremely	4	ambushed by clouds
0094.COMP	5	07:20	22:29:08.6	+06:22:47	600	89	1.5	#178 Extremely	4	
0095-0104.FLAT	12	07:41	22:29:08.6	+06:22:47	600	89	1.5	#12 Symbiotic	4	
0105.bhvs480	1080	10:02	01:28:35.5	+39:36:36	600	89	2.0	#182 Runaway B	4	

UT Date 2009-09-15 Observers M CalkinsColl. Focus 1760 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0106.COMP	10	10:21	01:28:35.5	+39:36:36	600	89	2.0	#182 Runaway B	4	
0107.bhvs466	1500	10:31	01:23:21.8	-20:33:41	600	89	2.0	#182 Runaway B	4	
0108.COMP	10	10:57	01:23:21.8	-20:33:41	600	90	2.0	#182 Runaway B	4	
0109.bhvs481	1260	11:01	01:53:29.5	+22:36:04	600	90	2.0	#182 Runaway B	4	
0110.COMP	10	11:22	01:53:29.5	+22:36:04	600	90	2.0	#182 Runaway B	4	
0111.bhvs482	1560	11:23	01:59:27.8	+23:28:21	600	90	2.0	#182 Runaway B	4	
0112.COMP	10	11:50	01:59:27.8	+23:28:21	600	90	2.0	#182 Runaway B	4	
0113.HD19445	10	11:52	03:08:25.6	+26:19:51	600	90	2.0	#56 Spectropho	4	
0114.COMP	10	11:53	03:08:25.6	+26:19:51	600	90	2.0	#56 Spectropho	4	
0115-0124.FLAT	12	11:57	03:08:25.6	+26:19:51	600	90	2.0	#56 Spectropho	4	
0125.COMP	5	12:00	03:08:25.6	+26:19:51	300	90	3.0	#56 Spectropho	4	test
0126.COMP	5	12:02	03:08:25.6	+26:19:51	300	90	3.0	#56 Spectropho	4	
0127.COMP	5	12:03	03:08:25.6	+26:19:51	300	90	3.0	#56 Spectropho	4	
0128.sn2009ig	600	12:08	02:38:11.6	-01:18:45	300	35	3.0	#2 SN Observat	2	
0129.COMP	10	12:19	02:38:11.6	-01:18:45	300	35	3.0	#2 SN Observat	2	
0130.HD19445	10	12:21	03:08:25.6	+26:19:51	300	89	3.0	#56 Spectropho	2	
0131.COMP	10	12:22	03:08:25.6	+26:19:51	300	89	3.0	#56 Spectropho	2	
0132.HD19445	10	12:23	03:08:25.6	+26:19:51	300	70	3.0	#56 Spectropho	2	
0133.COMP	10	12:26	03:08:25.6	+26:19:51	300	70	3.0	#56 Spectropho	2	
0134.BIAS	0	12:29	03:08:25.6	+26:19:51	300	89	3.0	#56 Spectropho	4	binby4

UT Date 2009-09-15 Observers M CalkinsColl. Focus 1760 Grating/Grism 300

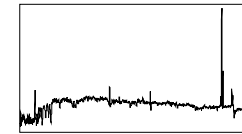
<i>File</i>	<i>Exp Time</i>	<i>UT Start</i>	<i>RA</i>	<i>Dec</i>	<i>Gr.</i>	<i>P.A.</i>	<i>Slit</i>	<i>Program</i>	<i>Bin</i>	<i>Comments</i>
0135-0143.BIAS	0	12:30	03:08:25.6	+26:19:51	300	89	3.0	#56 Spectropho	4	
0144.BIAS	0	12:32	03:08:25.6	+26:19:51	300	89	3.0	#56 Spectropho	2	binby2
0145-0153.BIAS	0	12:34	03:08:25.6	+26:19:51	300	89	3.0	#56 Spectropho	2	
0154-0173.FLAT	10	12:42	03:08:25.6	+26:19:51	300	89	3.0	#56 Spectropho	2	
0174-0178.DARK	900	13:45	03:08:25.6	+26:19:51	300	89	3.0	#56 Spectropho	4	
0179-0183.DARK	900	15:01	03:08:25.6	+26:19:51	300	89	3.0	#56 Spectropho	2	

UT Date 2009-09-16 Observers M CalkinsColl. Focus 1740 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001-0010.DARK	900	01:53	03:08:25.6	+26:19:51	300	89	3.0	#56 Spectropho	4	
0011-0020.BIAS	0	02:10	03:08:25.6	+26:19:51	300	89	3.0	#56 Spectropho	4	
0021-0040.FLAT	10	02:21	03:08:25.6	+26:19:51	300	89	3.0	#56 Spectropho	2	
0041-0050.BIAS	0	02:24	03:08:25.6	+26:19:51	300	89	3.0	#56 Spectropho	2	
0051.BDp332642	60	02:29	15:51:59.9	+32:56:54	300	80	3.0	#56 Spectropho	2	
0052.COMP	10	02:30	15:51:59.9	+32:56:54	300	80	3.0	#56 Spectropho	2	
0053.AS210	5	02:34	16:51:20.3	-26:00:33	300	89	3.0	#12 Symbiotic	2	
0054.AS210	300	02:34	16:51:20.3	-26:00:33	300	89	3.0	#12 Symbiotic	2	
0055.COMP	10	02:40	16:51:20.3	-26:00:33	300	89	3.0	#12 Symbiotic	2	
0056.AS296	30	02:42	18:15:07.0	-00:18:52	300	89	3.0	#12 Symbiotic	2	outburst?
0057.AS296	120	02:43	18:15:07.0	-00:18:52	300	89	3.0	#12 Symbiotic	2	
0058.AS296	8	02:45	18:15:07.0	-00:18:52	300	89	3.0	#12 Symbiotic	2	
0059.COMP	10	02:46	18:15:07.0	-00:18:52	300	89	3.0	#12 Symbiotic	2	
0060.Hen1674	120	02:50	18:20:19.1	-26:22:46	300	89	3.0	#12 Symbiotic	2	row=162
0061.Hen1674	600	02:53	18:20:19.1	-26:22:46	300	89	3.0	#12 Symbiotic	2	
0062.COMP	10	03:03	18:20:19.1	-26:22:46	300	89	3.0	#12 Symbiotic	2	
0063.BFCyg	15	03:07	19:23:53.0	+29:40:27	300	89	3.0	#12 Symbiotic	2	
0064.BFCyg	15	03:07	19:23:53.0	+29:40:27	300	89	3.0	#12 Symbiotic	2	
0065.BFCyg	8	03:08	19:23:53.0	+29:40:27	300	89	3.0	#12 Symbiotic	2	
0066.BFCyg	8	03:08	19:23:53.0	+29:40:27	300	89	3.0	#12 Symbiotic	2	

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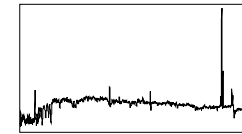
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0067.COMP	10	03:09	19:23:53.0	+29:40:27	300	89	3.0	#12 Symbiotic	2	
0068.CHCyg	0	03:11	19:24:33.0	+50:14:30	300	89	3.0	#12 Symbiotic	2	
0069.CHCyg	1	03:11	19:24:33.0	+50:14:30	300	89	3.0	#12 Symbiotic	2	
0070.CHCyg	5	03:11	19:24:33.0	+50:14:30	300	89	3.0	#12 Symbiotic	2	
0071.CHCyg	30	03:12	19:24:33.0	+50:14:30	300	89	3.0	#12 Symbiotic	2	
0072.COMP	10	03:13	19:24:33.0	+50:14:30	300	89	3.0	#12 Symbiotic	2	
0073.AS360	60	03:14	19:45:49.0	+18:36:49	300	89	3.0	#12 Symbiotic	2	
0074.AS360	300	03:16	19:45:49.0	+18:36:49	300	89	3.0	#12 Symbiotic	2	
0075.COMP	10	03:21	19:45:49.0	+18:36:49	300	89	3.0	#12 Symbiotic	2	
0076.cygx_fast_28	180	03:23	20:22:59.3	+39:41:56	300	89	3.0	#190 Cygnus X	2	
0077.COMP	10	03:27	20:22:59.3	+39:41:56	300	89	3.0	#190 Cygnus X	2	
0078.cygx_fast_29	45	03:27	20:23:02.8	+39:16:56	300	89	3.0	#190 Cygnus X	2	
0079.cygx_fast_30	45	03:29	20:23:05.3	+39:52:19	300	89	3.0	#190 Cygnus X	2	
0080.cygx_fast_32	45	03:31	20:23:10.6	+39:38:30	300	89	3.0	#190 Cygnus X	2	
0081.cygx_fast_33	120	03:33	20:23:24.6	+39:40:30	300	89	3.0	#190 Cygnus X	2	
0082.cygx_fast_34	90	03:36	20:23:25.2	+39:37:28	300	89	3.0	#190 Cygnus X	2	
0083.COMP	10	03:38	20:23:25.2	+39:37:28	300	89	3.0	#190 Cygnus X	2	
0084.cygx_fast_35	80	03:39	20:23:30.8	+40:02:09	300	89	3.0	#190 Cygnus X	2	
0085.cygx_fast_36	100	03:41	20:23:34.4	+39:45:52	300	89	3.0	#190 Cygnus X	2	
0086.cygx_fast_37	70	03:44	20:23:38.6	+39:51:07	300	89	3.0	#190 Cygnus X	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0087.cygx_fast_38	110	03:46	20:27:51.1	+39:38:19	300	89	3.0	#190 Cygnus X	2	
0088.cygx_fast_39	90	03:49	20:28:25.3	+39:38:01	300	89	3.0	#190 Cygnus X	2	
0089.COMP	10	03:51	20:28:25.3	+39:38:01	300	89	3.0	#190 Cygnus X	2	
0090.cygx_fast_40	80	03:52	20:29:07.9	+39:08:17	300	89	3.0	#190 Cygnus X	2	
0091.cygx_fast_41	150	03:55	20:29:50.6	+40:52:30	300	89	3.0	#190 Cygnus X	2	
0092.cygx_fast_42	130	03:58	20:29:55.1	+41:08:57	300	89	3.0	#190 Cygnus X	2	
0093.cygx_fast_43	110	04:01	20:30:11.6	+41:10:13	300	89	3.0	#190 Cygnus X	2	
0094.cygx_fast_44	90	04:04	20:30:18.7	+41:52:25	300	89	3.0	#190 Cygnus X	2	
0095.COMP	10	04:06	20:30:18.7	+41:52:25	300	89	3.0	#190 Cygnus X	2	
0096.cygx_fast_45	100	04:07	20:30:31.7	+40:37:31	300	89	3.0	#190 Cygnus X	2	
0097.cygx_fast_46	80	04:10	20:30:38.4	+40:48:33	300	89	3.0	#190 Cygnus X	2	
0098.cygx_fast_47	130	04:12	20:30:47.9	+42:05:24	300	89	3.0	#190 Cygnus X	2	
0099.cygx_fast_48	80	04:16	20:30:49.6	+41:26:09	300	89	3.0	#190 Cygnus X	2	
0100.cygx_fast_50	90	04:19	20:30:50.7	+41:35:07	300	89	3.0	#190 Cygnus X	2	
0101.COMP	10	04:21	20:30:50.7	+41:35:07	300	89	3.0	#190 Cygnus X	2	
0102.cygx_fast_52	150	04:23	20:31:02.7	+40:44:35	300	89	3.0	#190 Cygnus X	2	
0103.cygx_fast_54	80	04:26	20:31:26.8	+41:36:39	300	89	3.0	#190 Cygnus X	2	
0104.cygx_fast_55	120	04:29	20:31:30.7	+40:51:26	300	89	3.0	#190 Cygnus X	2	
0105.cygx_fast_56	80	04:32	20:31:41.8	+40:47:30	300	89	3.0	#190 Cygnus X	2	
0106.cygx_fast_57	90	04:34	20:31:45.5	+40:46:17	300	89	3.0	#190 Cygnus X	2	

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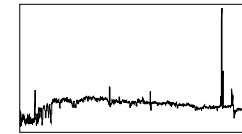
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0107.COMP	10	04:36	20:31:45.5	+40:46:17	300	89	3.0	#190 Cygnus X	2	
0108.BDp284211	70	04:39	21:51:11.0	+28:51:50	300	107	3.0	#56 Spectropho	2	
0109.COMP	10	04:41	21:51:11.0	+28:51:50	300	107	3.0	#56 Spectropho	2	
0110.BDp174708	24	04:44	22:11:31.4	+18:05:34	300	-45	3.0	#56 Spectropho	2	
0111.BDp174708	24	04:45	22:11:31.4	+18:05:34	300	-45	3.0	#56 Spectropho	2	
0112.BDp174708	24	04:45	22:11:31.4	+18:05:34	300	-45	3.0	#56 Spectropho	2	
0113.COMP	10	04:46	22:11:31.4	+18:05:34	300	-45	3.0	#56 Spectropho	2	
0114.bhvs304	900	04:53	17:01:11.8	+41:51:24	600	90	2.0	#182 Runaway B	4	
0115.COMP	10	05:10	17:01:11.8	+41:51:24	600	90	2.0	#182 Runaway B	4	
0116.bhvs305	1500	05:12	17:02:56.5	+32:59:58	600	90	2.0	#182 Runaway B	4	
0117.COMP	10	05:38	17:02:56.5	+32:59:58	600	90	2.0	#182 Runaway B	4	
0118.bhvs377	1320	05:41	21:02:06.4	+10:03:10	600	90	2.0	#182 Runaway B	4	
0119.COMP	10	06:04	21:02:06.4	+10:03:10	600	90	2.0	#182 Runaway B	4	
0120.bhvs382	1320	06:05	21:10:02.8	+18:23:44	600	90	2.0	#182 Runaway B	4	
0121.COMP	10	06:27	21:10:02.8	+18:23:44	600	90	2.0	#182 Runaway B	4	
0122.bhvs385	1620	06:29	21:19:10.0	+05:48:25	600	90	2.0	#182 Runaway B	4	row=47
0123.COMP	10	06:57	21:19:10.0	+05:48:25	600	90	2.0	#182 Runaway B	4	
0124.bhvs387	1680	06:58	21:20:46.1	+19:18:04	600	90	2.0	#182 Runaway B	4	
0125.COMP	10	07:27	21:20:46.1	+19:18:04	600	90	2.0	#182 Runaway B	4	
0126.BDp284211	100	07:28	21:51:11.0	+28:51:50	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
0127.COMP	10	07:31	21:51:11.0	+28:51:50	600	90	2.0	#56 Spectropho	4	
0128.FLAT	12	07:33	21:51:11.0	+28:51:50	600	90	2.0	#56 Spectropho	4	2 arcsec slit
0129-0137.FLAT	12	07:36	21:51:11.0	+28:51:50	600	90	2.0	#56 Spectropho	4	
0138.FLAT	12	07:40	21:51:11.0	+28:51:50	600	90	1.5	#56 Spectropho	4	1.5 arcsec slit
0139-0147.FLAT	12	07:43	21:51:11.0	+28:51:50	600	90	1.5	#56 Spectropho	4	
0148.pg0237p242	1500	07:46	02:40:28.1	+24:22:06	600	90	1.5	#178 Extremely	4	
0149.COMP	10	08:11	02:40:28.1	+24:22:06	600	90	1.5	#178 Extremely	4	
0150.pg0237p242	1500	08:12	02:40:28.1	+24:22:06	600	90	1.5	#178 Extremely	4	
0151.pg0237p242	1500	08:37	02:40:28.1	+24:22:06	600	90	1.5	#178 Extremely	4	
0152.COMP	10	09:03	02:40:28.1	+24:22:06	600	90	1.5	#178 Extremely	4	
0153.pg0237p242	1500	09:04	02:40:28.1	+24:22:06	600	90	1.5	#178 Extremely	4	
0154.pg0237p242	1500	09:29	02:40:28.1	+24:22:06	600	90	1.5	#178 Extremely	4	
0155.COMP	10	09:55	02:40:28.1	+24:22:06	600	90	1.5	#178 Extremely	4	
0156.pg0237p242	1500	09:56	02:40:28.1	+24:22:06	600	90	1.5	#178 Extremely	4	
0157.pg0237p242	1500	10:21	02:40:28.1	+24:22:06	600	90	1.5	#178 Extremely	4	
0158.COMP	10	10:47	02:40:28.1	+24:22:06	600	90	1.5	#178 Extremely	4	
0159.pg0237p242	1500	10:47	02:40:28.1	+24:22:06	600	90	1.5	#178 Extremely	4	
0160.pg0237p242	1500	11:13	02:40:28.1	+24:22:06	600	90	1.5	#178 Extremely	4	
0161.COMP	10	11:38	02:40:28.1	+24:22:06	600	90	1.5	#178 Extremely	4	
0162.sn2009ig	600	11:50	02:38:11.6	-01:18:45	300	31	3.0	#2 SN Observat	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0163.COMP	10	12:01	02:38:11.6	-01:18:45	300	31	3.0	#2 SN Observat	2	
0164.S002401+383437	0	12:04	00:24:02.0	+38:34:37	300	89	3.0	#189 S Dwarfs	2	
0165.S002401+383437	2	12:04	00:24:02.0	+38:34:37	300	89	3.0	#189 S Dwarfs	2	
0166.COMP	10	12:06	00:24:02.0	+38:34:37	300	89	3.0	#189 S Dwarfs	2	
0167.S010512+191152	1	12:07	01:05:12.2	+19:11:52	300	89	3.0	#189 S Dwarfs	2	
0168.S010512+191152	10	12:08	01:05:12.2	+19:11:52	300	89	3.0	#189 S Dwarfs	2	
0169.COMP	10	12:08	01:05:12.2	+19:11:52	300	89	3.0	#189 S Dwarfs	2	
0170.S012539+212345	180	12:09	01:25:39.2	+21:23:46	300	89	3.0	#189 S Dwarfs	2	
0171.COMP	10	12:13	01:25:39.2	+21:23:46	300	89	3.0	#189 S Dwarfs	2	
0172.S015419+215320	0	12:14	01:54:19.7	+21:53:21	300	89	3.0	#189 S Dwarfs	2	
0173.S015419+215320	5	12:15	01:54:19.7	+21:53:21	300	89	3.0	#189 S Dwarfs	2	
0174.COMP	10	12:15	01:54:19.7	+21:53:21	300	89	3.0	#189 S Dwarfs	2	
0175.S022554+380721	2	12:16	02:25:54.3	+38:07:22	300	89	3.0	#189 S Dwarfs	2	
0176.COMP	10	12:17	02:25:54.3	+38:07:22	300	89	3.0	#189 S Dwarfs	2	
0177.HD19445	8	12:19	03:08:25.6	+26:19:51	300	89	3.0	#56 Spectropho	2	
0178.COMP	10	12:20	03:08:25.6	+26:19:51	300	89	3.0	#56 Spectropho	2	
0179.HD52071	5	12:21	07:00:58.2	+27:09:27	300	89	3.0	#57 Velocity S	2	
0180.COMP	10	12:22	07:00:58.2	+27:09:27	300	89	3.0	#57 Velocity S	2	
0181.BIAS	0	12:24	07:00:58.2	+27:09:27	300	89	3.0	#56 Spectropho	4	binby 4
0182-0190.BIAS	0	12:25	07:00:58.2	+27:09:27	300	89	3.0	#56 Spectropho	4	

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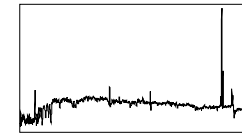
<i>File</i>	<i>Exp Time</i>	<i>UT Start</i>	<i>RA</i>	<i>Dec</i>	<i>Gr.</i>	<i>P.A.</i>	<i>Slit</i>	<i>Program</i>	<i>Bin</i>	<i>Comments</i>
0191.BIAS	0	12:28	07:00:58.2	+27:09:27	300	89	3.0	#56 Spectropho	2	binby 2
0192-0200.BIAS	0	12:29	07:00:58.2	+27:09:27	300	89	3.0	#56 Spectropho	2	
0201-0220.FLAT	10	12:38	07:00:58.2	+27:09:27	300	89	3.0	#56 Spectropho	2	
0221-0230.DARK	900	15:01	07:00:58.2	+27:09:27	300	89	3.0	#56 Spectropho	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001-0010.DARK	900	01:41	07:00:58.2	+27:09:27	300	89	3.0	#56 Spectropho	4	
0011-0020.BIAS	0	01:58	07:00:58.2	+27:09:27	300	89	3.0	#56 Spectropho	4	
0021-0030.FLAT	12	02:05	07:00:58.2	+27:09:27	600	89	2.0	#56 Spectropho	4	
0031.BDp332642	120	02:11	15:51:59.9	+32:56:54	600	89	2.0	#56 Spectropho	4	
0032.COMP	10	02:13	15:51:59.9	+32:56:54	600	89	2.0	#56 Spectropho	4	
0033.bhvs100	780	02:18	14:55:26.6	+26:11:12	600	89	2.0	#182 Runaway B	4	
0034.COMP	10	02:31	14:55:26.6	+26:11:12	600	89	2.0	#182 Runaway B	4	
0035.bhvs116	1620	02:33	16:27:29.4	+52:32:22	600	89	2.0	#182 Runaway B	4	
0036.COMP	10	03:01	16:27:29.4	+52:32:22	600	89	2.0	#182 Runaway B	4	
0037.bhvs118	1560	03:04	15:21:02.5	+29:23:59	600	89	2.0	#182 Runaway B	4	
0038.COMP	10	03:31	15:21:02.5	+29:23:59	600	89	2.0	#182 Runaway B	4	
0039.bhvs119	660	03:32	15:26:15.4	+29:17:44	600	89	2.0	#182 Runaway B	4	
0040.COMP	10	03:44	15:26:15.4	+29:17:44	600	89	2.0	#182 Runaway B	4	
0041.bhvs262	600	03:46	17:00:28.2	+24:16:23	600	89	2.0	#182 Runaway B	4	
0042.COMP	10	03:56	17:00:28.2	+24:16:23	600	89	2.0	#182 Runaway B	4	
0043.bhvs263	780	04:02	17:03:00.4	+17:46:39	600	89	2.0	#182 Runaway B	4	
0044.COMP	10	04:15	17:03:00.4	+17:46:39	600	89	2.0	#182 Runaway B	4	
0045.bhvs390	1200	04:17	21:24:09.7	+10:48:05	600	89	2.0	#182 Runaway B	4	
0046.COMP	10	04:38	21:24:09.7	+10:48:05	600	89	2.0	#182 Runaway B	4	
0047.pg2257p162	900	04:42	22:59:46.9	+16:29:17	600	89	1.5	#178 Extremely	4	

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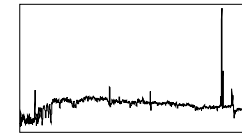
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0048.COMP	10	04:57	22:59:46.9	+16:29:17	600	89	1.5	#178 Extremely	4	
0049.pg2257p162	900	04:58	22:59:46.9	+16:29:17	600	89	1.5	#178 Extremely	4	
0050.pg2257p162	900	05:13	22:59:46.9	+16:29:17	600	89	1.5	#178 Extremely	4	
0051.COMP	10	05:29	22:59:46.9	+16:29:17	600	89	1.5	#178 Extremely	4	
0052.pg2257p162	900	05:30	22:59:46.9	+16:29:17	600	89	1.5	#178 Extremely	4	
0053.pg2257p162	900	05:45	22:59:46.9	+16:29:17	600	89	1.5	#178 Extremely	4	
0054.COMP	10	06:00	22:59:46.9	+16:29:17	600	89	1.5	#178 Extremely	4	
0055.pg2257p162	900	06:01	22:59:46.9	+16:29:17	600	89	1.5	#178 Extremely	4	
0056.pg2257p162	900	06:16	22:59:46.9	+16:29:17	600	89	1.5	#178 Extremely	4	
0057.COMP	10	06:34	22:59:46.9	+16:29:17	600	89	1.5	#178 Extremely	4	
0058.pg2257p162	900	06:35	22:59:46.9	+16:29:17	600	89	1.5	#178 Extremely	4	
0059.pg2257p162	900	06:50	22:59:46.9	+16:29:17	600	89	1.5	#178 Extremely	4	
0060.COMP	10	07:05	22:59:46.9	+16:29:17	600	89	1.5	#178 Extremely	4	
0061.pg2257p162	900	07:06	22:59:46.9	+16:29:17	600	89	1.5	#178 Extremely	4	
0062.pg2257p162	900	07:22	22:59:46.9	+16:29:17	600	89	1.5	#178 Extremely	4	
0063.COMP	10	07:37	22:59:46.9	+16:29:17	600	89	1.5	#178 Extremely	4	
0064.pg2257p162	900	07:38	22:59:46.9	+16:29:17	600	89	1.5	#178 Extremely	4	
0065.pg2257p162	900	07:53	22:59:46.9	+16:29:17	600	89	1.5	#178 Extremely	4	
0066.COMP	10	08:08	22:59:46.9	+16:29:17	600	89	1.5	#178 Extremely	4	
0067.pg2257p162	900	08:09	22:59:46.9	+16:29:17	600	89	1.5	#178 Extremely	4	

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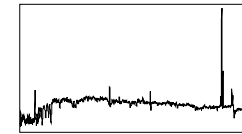
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0068.pg2257p162	900	08:24	22:59:46.9	+16:29:17	600	89	1.5	#178 Extremely	4	
0069.COMP	10	08:40	22:59:46.9	+16:29:17	600	89	1.5	#178 Extremely	4	
0070-0079.FLAT	12	08:44	22:59:46.9	+16:29:17	600	89	1.5	#178 Extremely	4	
0080.4U2204p543	120	08:55	22:07:57.0	+54:31:06	600	89	2.0	#176 Be/X-ray	4	
0081.COMP	7	08:58	22:07:57.0	+54:31:06	600	89	2.0	#176 Be/X-ray	4	
0082.4U0115p634	1800	09:04	01:18:32.0	+63:44:24	600	90	2.0	#176 Be/X-ray	4	
0083.COMP	7	09:34	01:18:32.0	+63:44:24	600	90	2.0	#176 Be/X-ray	4	
0084.IGRJ01363p6610	600	09:36	01:35:49.8	+66:12:43	600	90	2.0	#176 Be/X-ray	4	
0085.COMP	7	09:46	01:35:49.8	+66:12:43	600	90	2.0	#176 Be/X-ray	4	
0086.RXJ01469p6121	210	09:48	01:47:00.0	+61:21:23	600	90	2.0	#176 Be/X-ray	4	
0087.COMP	7	09:52	01:47:00.0	+61:21:23	600	90	2.0	#176 Be/X-ray	4	
0088.IGRJ01583p6713	1500	09:53	01:58:18.2	+67:13:26	600	90	2.0	#176 Be/X-ray	4	
0089.COMP	7	10:19	01:58:18.2	+67:13:26	600	90	2.0	#176 Be/X-ray	4	
0090.LSIp61303	90	10:20	02:40:31.6	+61:13:46	600	90	2.0	#176 Be/X-ray	4	
0091.COMP	7	10:22	02:40:31.6	+61:13:46	600	90	2.0	#176 Be/X-ray	4	
0092.V0332p53	1800	10:24	03:34:59.8	+53:10:24	600	90	2.0	#176 Be/X-ray	4	
0093.COMP	7	10:54	03:34:59.8	+53:10:24	600	90	2.0	#176 Be/X-ray	4	
0094.XPer	4	10:55	03:55:23.0	+31:02:45	600	90	2.0	#176 Be/X-ray	4	
0095.COMP	7	10:56	03:55:23.0	+31:02:45	600	90	2.0	#176 Be/X-ray	4	
0096.XPer	1	10:57	03:55:23.0	+31:02:45	600	90	2.0	#176 Be/X-ray	4	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0097.COMP	7	10:57	03:55:23.0	+31:02:45	600	90	2.0	#176 Be/X-ray	4	
0098.RXJ04409p4431	240	10:58	04:41:00.6	+44:31:50	600	90	2.0	#176 Be/X-ray	4	
0099.COMP	7	11:03	04:41:00.6	+44:31:50	600	90	2.0	#176 Be/X-ray	4	
0100.A0535p262	45	11:04	05:38:54.5	+26:18:57	600	90	2.0	#176 Be/X-ray	4	
0101.COMP	7	11:05	05:38:54.5	+26:18:57	600	90	2.0	#176 Be/X-ray	4	
0102.IGRJ06074p2205	360	11:06	06:07:26.6	+22:05:48	600	90	2.0	#176 Be/X-ray	4	
0103.COMP	7	11:13	06:07:26.6	+22:05:48	600	90	2.0	#176 Be/X-ray	4	
0104.HD19445	30	11:14	03:08:26.3	+26:20:29	600	90	2.0	#176 Be/X-ray	4	
0105.COMP	7	11:15	03:08:26.3	+26:20:29	600	90	2.0	#176 Be/X-ray	4	
0106-0115.FLAT	7	11:20	03:08:26.3	+26:20:29	600	90	2.0	#176 Be/X-ray	4	
0116.sn2009ig	600	11:30	02:38:11.6	-01:18:45	300	26	3.0	#2 SN Observat	2	
0117.COMP	10	11:41	02:38:11.6	-01:18:45	300	26	3.0	#2 SN Observat	2	
0118.XS04083B2_002	1800	11:45	02:29:09.7	+01:00:43	300	90	3.0	#129 ChaMP Sou	2	
0119.COMP	10	12:15	02:29:09.7	+01:00:43	300	90	3.0	#129 ChaMP Sou	2	
0120.G191B2B	300	12:19	05:05:30.6	+52:49:52	300	15	3.0	#56 Spectropho	2	
0121.COMP	10	12:24	05:05:30.6	+52:49:52	300	15	3.0	#56 Spectropho	2	
0122.HD19445	10	12:27	03:08:25.6	+26:19:51	300	69	3.0	#56 Spectropho	2	
0123.COMP	10	12:28	03:08:25.6	+26:19:51	300	69	3.0	#56 Spectropho	2	
0124.S034333+222613	2	12:29	03:43:33.4	+22:26:13	300	89	3.0	#189 S Dwarfs	2	
0125.COMP	10	12:30	03:43:33.4	+22:26:13	300	89	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>
0126.S035057+065432	10	12:31	03:50:57.0	+06:54:33	300	89	3.0	#189 S Dwarfs	2	
0127.COMP	10	12:32	03:50:57.0	+06:54:33	300	89	3.0	#189 S Dwarfs	2	
0128.BIAS	0	12:33	03:50:57.0	+06:54:33	300	89	3.0	#2 SN Observat	2	binby 2
0129-0147.BIAS	0	12:37	03:50:57.0	+06:54:33	300	89	3.0	#2 SN Observat	2	
0148.BIAS	0	12:39	03:50:57.0	+06:54:33	300	89	3.0	#2 SN Observat	4	binby 4
0149-0157.BIAS	0	12:41	03:50:57.0	+06:54:33	300	89	3.0	#2 SN Observat	4	
0158-0197.FLAT	10	12:57	03:50:57.0	+06:54:33	300	89	3.0	#2 SN Observat	2	
0198-0206.DARK	900	15:02	03:50:57.0	+06:54:33	300	89	3.0	#2 SN Observat	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001-0010.BIAS	0	02:06	17:25:00.0	+32:00:00	300	89	3.0	#2 SN Observat	2	
0011-0025.FLAT	7	02:11	17:25:00.0	+32:00:00	300	89	3.0	#2 SN Observat	2	
0027.CHCyg	1	02:30	19:24:33.0	+50:14:30	300	89	3.0	#12 Symbiotic	2	
0028.CHCyg	5	02:31	19:24:33.0	+50:14:30	300	89	3.0	#12 Symbiotic	2	
0029.CHCyg	10	02:31	19:24:33.0	+50:14:30	300	89	3.0	#12 Symbiotic	2	
0030.CHCyg	15	02:32	19:24:33.0	+50:14:30	300	89	3.0	#12 Symbiotic	2	
0031.COMP	10	02:33	19:24:33.0	+50:14:30	300	89	3.0	#12 Symbiotic	2	
0032.AS316	30	02:36	18:42:33.0	-21:17:47	300	10	3.0	#12 Symbiotic	2	
0033.AS316	75	02:37	18:42:33.0	-21:17:47	300	10	3.0	#12 Symbiotic	2	
0034.AS316	600	02:39	18:42:33.0	-21:17:47	300	10	3.0	#12 Symbiotic	2	
0035.COMP	10	02:49	18:42:33.0	-21:17:47	300	10	3.0	#12 Symbiotic	2	
0036.AS327	30	02:50	18:53:17.0	-24:22:59	300	10	3.0	#12 Symbiotic	2	
0037.AS327	120	02:51	18:53:17.0	-24:22:59	300	10	3.0	#12 Symbiotic	2	
0038.AS327	600	02:53	18:53:17.0	-24:22:59	300	10	3.0	#12 Symbiotic	2	
0039.COMP	10	03:03	18:53:17.0	-24:22:59	300	10	3.0	#12 Symbiotic	2	
0040.AS338	120	03:06	19:03:47.0	+16:26:17	300	28	3.0	#12 Symbiotic	2	
0041.AS338	360	03:10	19:03:47.0	+16:26:17	300	28	3.0	#12 Symbiotic	2	
0042.COMP	10	03:17	19:03:47.0	+16:26:17	300	28	3.0	#12 Symbiotic	2	
0043.V919Sgr	15	03:19	19:03:45.0	-16:59:56	300	21	3.0	#12 Symbiotic	2	
0044.V919Sgr	30	03:20	19:03:45.0	-16:59:56	300	21	3.0	#12 Symbiotic	2	

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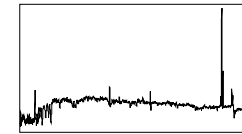
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0045.V919Sgr	150	03:21	19:03:45.0	-16:59:56	300	21	3.0	#12 Symbiotic	2	
0046.COMP	10	03:24	19:03:45.0	-16:59:56	300	21	3.0	#12 Symbiotic	2	
0047.cygx_fast_58	150	03:27	20:31:46.8	+41:42:57	300	89	3.0	#190 Cygnus X	2	
0048.cygx_fast_59	150	03:31	20:31:55.1	+41:58:20	300	89	3.0	#190 Cygnus X	2	
0049.cygx_fast_60	180	03:34	20:31:55.6	+41:27:11	300	89	3.0	#190 Cygnus X	2	
0050.cygx_fast_61	180	03:38	20:32:04.8	+41:28:44	300	89	3.0	#190 Cygnus X	2	
0051.cygx_fast_63	180	03:41	20:32:05.2	+40:54:17	300	89	3.0	#190 Cygnus X	2	
0052.COMP	10	03:45	20:32:05.2	+40:54:17	300	89	3.0	#190 Cygnus X	2	
0053.cygx_fast_64	180	03:46	20:32:07.7	+40:56:33	300	89	3.0	#190 Cygnus X	2	
0054.cygx_fast_65	150	03:49	20:32:09.7	+41:44:00	300	89	3.0	#190 Cygnus X	2	
0055.cygx_fast_67	180	03:52	20:32:12.5	+40:23:04	300	89	3.0	#190 Cygnus X	2	
0056.cygx_fast_68	180	03:57	20:32:13.5	+41:27:30	300	89	3.0	#190 Cygnus X	2	
0057.cygx_fast_70	180	04:01	20:32:19.7	+41:20:39	300	89	3.0	#190 Cygnus X	2	
0058.COMP	10	04:04	20:32:19.7	+41:20:39	300	89	3.0	#190 Cygnus X	2	
0059.cygx_fast_69	180	04:05	20:32:14.7	+41:27:40	300	80	3.0	#190 Cygnus X	2	
0060.cygx_fast_71	180	04:10	20:32:20.3	+41:36:26	300	80	3.0	#190 Cygnus X	2	
0061.cygx_fast_73	150	04:14	20:32:22.1	+41:27:42	300	80	3.0	#190 Cygnus X	2	
0062.cygx_fast_74	180	04:17	20:32:22.3	+40:54:10	300	80	3.0	#190 Cygnus X	2	
0063.cygx_fast_75	150	04:20	20:32:25.5	+41:24:52	300	80	3.0	#190 Cygnus X	2	
0064.COMP	10	04:23	20:32:25.5	+41:24:52	300	80	3.0	#190 Cygnus X	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0065.cygx_fast_76	180	04:24	20:32:32.7	+41:27:05	300	88	3.0	#190 Cygnus X	2	
0066.cygx_fast_77	180	04:28	20:32:37.8	+41:26:15	300	88	3.0	#190 Cygnus X	2	
0067.cygx_fast_79	150	04:31	20:32:38.9	+41:25:21	300	88	3.0	#190 Cygnus X	2	
0068.cygx_fast_80	120	04:34	20:32:46.8	+41:21:09	300	88	3.0	#190 Cygnus X	2	
0069.cygx_fast_81	180	04:37	20:32:56.7	+41:23:41	300	88	3.0	#190 Cygnus X	2	
0070.COMP	10	04:40	20:32:56.7	+41:23:41	300	88	3.0	#190 Cygnus X	2	
0071.cygx_fast_83	180	04:42	20:32:59.0	+41:38:15	300	88	3.0	#190 Cygnus X	2	
0072.cygx_fast_86	180	04:45	20:33:15.3	+41:29:57	300	88	3.0	#190 Cygnus X	2	
0073.cygx_fast_87	180	04:49	20:33:26.1	+40:27:02	300	88	3.0	#190 Cygnus X	2	
0074.cygx_fast_88	150	04:53	20:33:27.4	+41:42:47	300	88	3.0	#190 Cygnus X	2	
0075.cygx_fast_91	180	04:56	20:33:39.3	+41:29:50	300	88	3.0	#190 Cygnus X	2	
0076.COMP	10	04:59	20:33:39.3	+41:29:50	300	88	3.0	#190 Cygnus X	2	
0077.cygx_fast_92	120	05:00	20:33:58.7	+41:48:08	300	88	3.0	#190 Cygnus X	2	
0078.cygx_fast_93	150	05:02	20:34:04.3	+41:36:51	300	88	3.0	#190 Cygnus X	2	
0079.cygx_fast_95	180	05:06	20:34:47.2	+40:30:29	300	88	3.0	#190 Cygnus X	2	
0080.cygx_fast_96	150	05:09	20:35:07.7	+41:17:06	300	88	3.0	#190 Cygnus X	2	
0081.cygx_fast_97	180	05:12	20:35:13.8	+41:47:27	300	88	3.0	#190 Cygnus X	2	
0082.COMP	10	05:16	20:35:13.8	+41:47:27	300	88	3.0	#190 Cygnus X	2	
0083.cygx_fast_99	120	05:17	20:35:20.4	+41:31:07	300	88	3.0	#190 Cygnus X	2	
0084.cygx_fast_101	180	05:19	20:35:29.3	+41:30:30	300	88	3.0	#190 Cygnus X	2	

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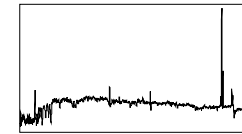
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0085.cygx_fast_102	180	05:23	20:35:30.2	+42:40:18	300	88	3.0	#190 Cygnus X	2	
0086.cygx_fast_103	150	05:26	20:35:47.4	+41:15:34	300	88	3.0	#190 Cygnus X	2	
0087.cygx_fast_104	90	05:30	20:35:47.5	+41:46:48	300	88	3.0	#190 Cygnus X	2	
0088.COMP	10	05:31	20:35:47.5	+41:46:48	300	88	3.0	#190 Cygnus X	2	
0089.BDp284211	120	05:33	21:51:11.0	+28:51:50	300	88	3.0	#56 Spectropho	2	
0090.BDp284211	120	05:35	21:51:11.0	+28:51:50	300	88	3.0	#56 Spectropho	2	
0091.BDp284211	120	05:37	21:51:11.0	+28:51:50	300	88	3.0	#56 Spectropho	2	
0092.COMP	10	05:40	21:51:11.0	+28:51:50	300	88	3.0	#56 Spectropho	2	
0093.BDp174708	60	05:42	22:11:31.4	+18:05:34	300	10	3.0	#56 Spectropho	2	
0094.BDp174708	60	05:43	22:11:31.4	+18:05:34	300	10	3.0	#56 Spectropho	2	
0095.BDp174708	60	05:45	22:11:31.4	+18:05:34	300	10	3.0	#56 Spectropho	2	
0096.COMP	10	05:46	22:11:31.4	+18:05:34	300	10	3.0	#56 Spectropho	2	
0097.C220224.3+054741	900	05:47	22:02:24.3	+05:47:41	300	10	3.0	#188 Dwarf C S	2	
0098.COMP	10	06:03	22:02:24.3	+05:47:41	300	10	3.0	#188 Dwarf C S	2	
0099.C220948.5+054337	900	06:04	22:09:48.5	+05:43:38	300	10	3.0	#188 Dwarf C S	2	
0100.COMP	10	06:19	22:09:48.5	+05:43:38	300	10	3.0	#188 Dwarf C S	2	
0101.C221752.3+055454	900	06:20	22:17:52.4	+05:54:54	300	10	3.0	#188 Dwarf C S	2	
0102.COMP	10	06:36	22:17:52.4	+05:54:54	300	10	3.0	#188 Dwarf C S	2	
0103.C223449.8+350027	600	06:38	22:34:49.9	+35:00:28	300	10	3.0	#188 Dwarf C S	2	
0104.COMP	10	06:48	22:34:49.9	+35:00:28	300	10	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
0105.ZAnd	5	06:50	23:33:40.0	+48:49:06	300	10	3.0	#12 Symbiotic	2	
0106.ZAnd	5	06:50	23:33:40.0	+48:49:06	300	10	3.0	#12 Symbiotic	2	
0107.ZAnd	15	06:51	23:33:40.0	+48:49:06	300	10	3.0	#12 Symbiotic	2	
0108.ZAnd	15	06:51	23:33:40.0	+48:49:06	300	10	3.0	#12 Symbiotic	2	
0109.COMP	10	06:52	23:33:40.0	+48:49:06	300	10	3.0	#12 Symbiotic	2	
0110.225m280	360	06:54	00:44:29.8	+41:21:25	300	90	3.0	#57 Velocity S	2	
0111.COMP	10	07:00	00:44:29.8	+41:21:25	300	90	3.0	#57 Velocity S	2	
0112.test	30	07:06	22:32:10.9	+23:42:54	600	90	2.0	#182 Runaway B	4	
0113.COMP	10	07:07	22:32:10.9	+23:42:54	600	90	2.0	#182 Runaway B	4	
0114.bhvs414	1084	07:08	22:32:10.9	+23:42:54	600	90	2.0	#182 Runaway B	4	
0115.COMP	10	07:26	22:32:10.9	+23:42:54	600	90	2.0	#182 Runaway B	4	
0116.bhvs415	1400	07:27	22:36:39.9	+23:50:11	600	99	2.0	#182 Runaway B	4	
0117.COMP	10	07:51	22:36:39.9	+23:50:11	600	99	2.0	#182 Runaway B	4	
0118.bhvs416	660	07:52	22:37:39.6	+21:38:46	600	99	2.0	#182 Runaway B	4	
0119.COMP	10	08:03	22:37:39.6	+21:38:46	600	99	2.0	#182 Runaway B	4	
0120.bhvs417	720	08:05	22:38:11.3	+33:39:48	600	91	2.0	#182 Runaway B	4	
0121.COMP	10	08:17	22:38:11.3	+33:39:48	600	91	2.0	#182 Runaway B	4	
0122.bhvs418	660	08:18	22:43:53.0	+33:49:08	600	91	2.0	#182 Runaway B	4	
0123.COMP	10	08:29	22:43:53.0	+33:49:08	600	91	2.0	#182 Runaway B	4	
0124.bhvs419	840	08:30	22:52:24.2	+23:35:30	600	91	2.0	#182 Runaway B	4	

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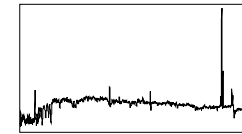
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0125.COMP	10	08:45	22:52:24.2	+23:35:30	600	91	2.0	#182 Runaway B	4	
0126.bhvs420	660	08:46	22:52:56.7	+23:41:30	600	91	2.0	#182 Runaway B	4	
0127.COMP	10	08:57	22:52:56.7	+23:41:30	600	91	2.0	#182 Runaway B	4	
0128.bhvs467	960	09:02	01:42:46.9	-19:05:22	600	1	2.0	#182 Runaway B	4	
0129.COMP	10	09:19	01:42:46.9	-19:05:22	600	1	2.0	#182 Runaway B	4	
0130.bhvs469	1320	09:21	02:01:06.1	-14:12:14	600	1	2.0	#182 Runaway B	4	
0131.COMP	10	09:43	02:01:06.1	-14:12:14	600	1	2.0	#182 Runaway B	4	
0132.bhvs470	900	09:44	02:23:15.3	-10:45:21	600	1	2.0	#182 Runaway B	4	
0133.COMP	10	10:00	02:23:15.3	-10:45:21	600	1	2.0	#182 Runaway B	4	
0134.bhvs483	900	10:01	02:20:35.5	+07:01:52	600	8	2.0	#182 Runaway B	4	
0135.COMP	10	10:17	02:20:35.5	+07:01:52	600	8	2.0	#182 Runaway B	4	
0136.test	15	10:18	03:00:00.0	+32:00:00	600	8	2.0	#182 Runaway B	4	
0137-0146.FLAT	12	10:22	03:00:00.0	+32:00:00	600	8	2.0	#182 Runaway B	4	
0147.test	10	10:25	03:00:00.0	+32:00:00	300	8	3.0	#182 Runaway B	2	
0148.test	10	10:27	03:00:00.0	+32:00:00	300	8	3.0	#182 Runaway B	2	
0149.test	10	10:28	03:00:00.0	+32:00:00	300	8	3.0	#182 Runaway B	2	
0150.sn2009ig	660	10:30	02:38:11.6	-01:18:45	300	8	3.0	#2 SN Observat	2	
0151.COMP	10	10:42	02:38:11.6	-01:18:45	300	8	3.0	#2 SN Observat	2	
0152.C022539.2+054255	600	10:43	02:25:39.2	+05:42:56	300	22	3.0	#188 Dwarf C S	2	
0153.COMP	10	10:53	02:25:39.2	+05:42:56	300	22	3.0	#188 Dwarf C S	2	

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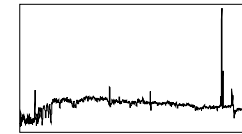
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0154.C025004.8+011518	540	10:55	02:50:04.8	+01:15:18	300	22	3.0	#188 Dwarf C S	2	
0155.COMP	10	11:04	02:50:04.8	+01:15:18	300	22	3.0	#188 Dwarf C S	2	
0156.04334163+3519203	900	11:07	04:33:41.6	+35:19:20	300	95	3.0	#141 Mapping t	2	
0157.COMP	10	11:23	04:33:41.6	+35:19:20	300	95	3.0	#141 Mapping t	2	
0158.04222564-1010250	900	11:26	04:22:25.6	-10:10:25	300	45	3.0	#141 Mapping t	2	
0159.COMP	10	11:41	04:22:25.6	-10:10:25	300	45	3.0	#141 Mapping t	2	
0160.05413536+1548051	1200	11:44	05:41:35.4	+15:48:05	300	45	3.0	#141 Mapping t	2	
0161.COMP	10	12:04	05:41:35.4	+15:48:05	300	45	3.0	#141 Mapping t	2	
0162.3C66A	360	12:07	02:22:39.6	+43:02:08	300	90	3.0	#6 AGN Monitor	2	
0163.COMP	10	12:13	02:22:39.6	+43:02:08	300	90	3.0	#6 AGN Monitor	2	
0164-0173.BIAS	0	12:15	02:22:39.6	+43:02:08	300	90	3.0	#182 Runaway B	4	
0174-0183.BIAS	0	12:18	02:22:39.6	+43:02:08	300	90	3.0	#182 Runaway B	2	
0184-0198.FLAT	7	12:23	02:22:39.6	+43:02:08	300	90	3.0	#182 Runaway B	2	
0199.DARK	900	12:26	02:22:39.6	+43:02:08	300	90	3.0	#182 Runaway B	2	

UT Date 2009-09-19 Observers P BerlindColl. Focus 1760 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001-0005.DARK	900	01:31	00:00:00.0	+00:00:00	300	90	3.0	#182 Runaway B	2	
0006-0015.BIAS	0	01:57	00:00:00.0	+00:00:00	600	90	2.0	#182 Runaway B	4	
0018-0037.FLAT	16	02:07	00:00:00.0	+00:00:00	600	90	2.0	#182 Runaway B	4	
0038.COMP	10	02:13	00:00:00.0	+00:00:00	600	90	2.0	#182 Runaway B	4	clouds
0039.bhvs316	660	03:24	17:12:06.7	+34:06:49	600	90	2.0	#182 Runaway B	4	
0040.COMP	10	03:35	17:12:06.7	+34:06:49	600	90	2.0	#182 Runaway B	4	
0041.bhvs317	900	03:47	17:12:39.6	+42:37:28	600	90	2.0	#182 Runaway B	4	dome controller broken, encoder coupler busted
0042.COMP	10	04:02	17:12:39.6	+42:37:28	600	90	2.0	#182 Runaway B	4	
0043.bhvs330	660	04:07	17:39:32.2	+49:48:54	600	90	2.0	#182 Runaway B	4	
0044.COMP	10	04:23	17:39:32.2	+49:48:54	600	90	2.0	#182 Runaway B	4	
0045.bhvs335	960	04:24	17:44:30.4	+49:37:55	600	90	2.0	#182 Runaway B	4	
0046.COMP	10	04:40	17:44:30.4	+49:37:55	600	90	2.0	#182 Runaway B	4	
0047.bhvs391	1440	05:02	21:24:36.2	+17:20:59	600	90	2.0	#182 Runaway B	4	
0048.COMP	10	05:27	21:24:36.2	+17:20:59	600	90	2.0	#182 Runaway B	4	
0049.bhvs392	960	05:46	21:25:53.8	+18:57:08	600	90	2.0	#182 Runaway B	4	
0050.COMP	10	06:02	21:25:53.8	+18:57:08	600	90	2.0	#182 Runaway B	4	
0051.bhvs394	1080	06:04	21:29:11.2	+18:27:51	600	85	2.0	#182 Runaway B	4	
0052.COMP	10	06:22	21:29:11.2	+18:27:51	600	85	2.0	#182 Runaway B	4	
0053.bhvs395	1080	06:24	21:29:14.7	+20:08:40	600	90	2.0	#182 Runaway B	4	
0054.COMP	10	06:42	21:29:14.7	+20:08:40	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
0055.bhvs393	660	06:43	21:27:45.0	+06:39:16	600	90	2.0	#182 Runaway B	4	
0056.COMP	10	06:55	21:27:45.0	+06:39:16	600	90	2.0	#182 Runaway B	4	RTsystem crash
0057.bhvs403	900	07:26	21:53:47.1	+05:24:44	600	90	2.0	#182 Runaway B	4	
0058.COMP	10	07:41	21:53:47.1	+05:24:44	600	90	2.0	#182 Runaway B	4	
0059.bhvs404	780	07:43	21:54:24.4	+19:25:05	600	90	2.0	#182 Runaway B	4	
0060.COMP	10	07:56	21:54:24.4	+19:25:05	600	90	2.0	#182 Runaway B	4	
0061.bhvs410	720	07:57	22:13:50.4	+20:39:07	600	90	2.0	#182 Runaway B	4	
0062.COMP	10	08:11	22:13:50.4	+20:39:07	600	90	2.0	#182 Runaway B	4	
0063.bhvs411	1500	08:18	22:16:22.8	+21:57:20	600	90	2.0	#182 Runaway B	4	
0064.COMP	10	08:44	22:16:22.8	+21:57:20	600	90	2.0	#182 Runaway B	4	
0065.bhvs421	1500	08:46	22:53:37.3	+29:46:03	600	90	2.0	#182 Runaway B	4	
0066.COMP	10	09:11	22:53:37.3	+29:46:03	600	90	2.0	#182 Runaway B	4	
0067.bhvs428	1500	09:13	23:59:39.6	+29:07:55	600	90	2.0	#182 Runaway B	4	
0068.COMP	10	09:38	23:59:39.6	+29:07:55	600	90	2.0	#182 Runaway B	4	
0069.bhvs468	1500	09:49	01:44:33.3	-18:30:58	600	21	2.0	#182 Runaway B	4	
0070.COMP	10	10:15	01:44:33.3	-18:30:58	600	21	2.0	#182 Runaway B	4	
0071.test	10	10:19	03:10:00.0	+40:00:00	300	21	3.0	#182 Runaway B	2	
0072.test	10	10:20	03:10:00.0	+40:00:00	300	21	3.0	#182 Runaway B	2	
0073.test	10	10:22	03:10:00.0	+40:00:00	300	21	3.0	#182 Runaway B	2	
0074.test	10	10:23	03:10:00.0	+40:00:00	300	21	3.0	#182 Runaway B	2	

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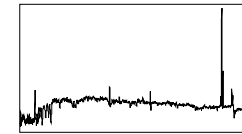
<i>File</i>	<i>Exp Time</i>	<i>UT Start</i>	<i>RA</i>	<i>Dec</i>	<i>Gr.</i>	<i>P.A.</i>	<i>Slit</i>	<i>Program</i>	<i>Bin</i>	<i>Comments</i>
0075.test	10	10:23	03:10:00.0	+40:00:00	300	21	3.0	#182 Runaway B	2	clouds
0076.GITau	360	10:52	04:33:34.0	+24:21:18	300	89	3.0	#12 Symbiotic	2	
0077.COMP	10	10:58	04:33:34.0	+24:21:18	300	89	3.0	#12 Symbiotic	2	
0078.GITau	240	10:59	04:33:34.0	+24:21:18	300	89	3.0	#12 Symbiotic	2	
0079.COMP	10	11:04	04:33:34.0	+24:21:18	300	89	3.0	#12 Symbiotic	2	
0080.02512892-1318223	360	11:06	02:51:28.9	-13:18:22	300	89	3.0	#141 Mapping t	2	
0081.COMP	10	11:13	02:51:28.9	-13:18:22	300	89	3.0	#141 Mapping t	2	
0082.05413709+1548171	1500	11:17	05:41:37.1	+15:48:17	300	89	3.0	#141 Mapping t	2	
0083.COMP	10	11:42	05:41:37.1	+15:48:17	300	89	3.0	#141 Mapping t	2	more clouds
0084-0093.BIAS	0	11:53	03:17:53.0	+40:57:32	300	89	3.0	#182 Runaway B	2	
0094-0108.FLAT	7	11:58	03:17:53.0	+40:57:32	300	89	3.0	#182 Runaway B	2	
0109-0113.DARK	900	13:10	03:17:53.0	+40:57:32	300	89	3.0	#182 Runaway B	2	
0114-0118.DARK	900	14:26	03:17:53.0	+40:57:32	300	89	3.0	#182 Runaway B	4	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001-0005.DARK	900	23:56	03:17:53.0	+40:57:32	300	89	3.0	#182 Runaway B	2	
0006-0010.DARK	900	01:13	03:17:53.0	+40:57:32	300	89	3.0	#182 Runaway B	4	
0011-0020.BIAS	0	01:52	03:17:53.0	+40:57:32	300	89	3.0	#182 Runaway B	2	
0021-0030.BIAS	0	01:55	03:17:53.0	+40:57:32	300	89	3.0	#182 Runaway B	4	
0031-0045.FLAT	7	01:59	03:17:53.0	+40:57:32	300	89	3.0	#182 Runaway B	2	
0046.AGDra	2	02:26	16:01:41.0	+66:48:10	300	89	3.0	#12 Symbiotic	2	
0047.AGDra	10	02:26	16:01:41.0	+66:48:10	300	89	3.0	#12 Symbiotic	2	
0048.AGDra	30	02:27	16:01:41.0	+66:48:10	300	89	3.0	#12 Symbiotic	2	
0049.AGDra	60	02:28	16:01:41.0	+66:48:10	300	89	3.0	#12 Symbiotic	2	
0050.COMP	10	02:29	16:01:41.0	+66:48:10	300	89	3.0	#12 Symbiotic	2	
0051.CHCyg	2	02:31	19:24:33.0	+50:14:30	300	89	3.0	#12 Symbiotic	2	
0052.CHCyg	5	02:32	19:24:33.0	+50:14:30	300	89	3.0	#12 Symbiotic	2	
0053.CHCyg	10	02:32	19:24:33.0	+50:14:30	300	89	3.0	#12 Symbiotic	2	
0054.CHCyg	10	02:33	19:24:33.0	+50:14:30	300	89	3.0	#12 Symbiotic	2	
0055.CHCyg	2	02:33	19:24:33.0	+50:14:30	300	89	3.0	#12 Symbiotic	2	
0056.COMP	10	02:34	19:24:33.0	+50:14:30	300	89	3.0	#12 Symbiotic	2	
0057.19004514+1741359	1500	02:39	19:00:45.1	+17:41:36	300	89	3.0	#141 Mapping t	2	tough one, H-alpha at pix 2488
0058.COMP	10	03:04	19:00:45.1	+17:41:36	300	89	3.0	#141 Mapping t	2	
0059.HD192281	10	03:09	20:12:33.1	+40:16:05	300	89	3.0	#56 Spectropho	2	
0060.HD192281	10	03:09	20:12:33.1	+40:16:05	300	89	3.0	#56 Spectropho	2	

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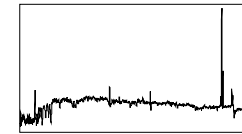
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0061.HD192281	10	03:10	20:12:33.1	+40:16:05	300	89	3.0	#56 Spectropho	2	
0062.COMP	10	03:11	20:12:33.1	+40:16:05	300	89	3.0	#56 Spectropho	2	
0063.test	20	03:14	20:00:00.0	+32:00:00	600	89	1.5	#56 Spectropho	4	
0064.test	17	03:15	20:00:00.0	+32:00:00	600	89	1.5	#56 Spectropho	4	
0065-0079.FLAT	17	03:21	20:00:00.0	+32:00:00	600	89	1.5	#56 Spectropho	4	
0080.COMP	10	03:23	22:29:08.6	+06:22:47	600	89	1.5	#178 Extremely	4	
0081.pg2226p061	600	03:26	22:29:08.6	+06:22:47	600	89	1.5	#178 Extremely	4	
0082.pg2226p061	600	03:36	22:29:08.6	+06:22:47	600	89	1.5	#178 Extremely	4	
0083.COMP	10	03:46	22:29:08.6	+06:22:47	600	89	1.5	#178 Extremely	4	
0084.pg2226p061	600	03:48	22:29:08.6	+06:22:47	600	89	1.5	#178 Extremely	4	
0085.pg2226p061	600	03:58	22:29:08.6	+06:22:47	600	89	1.5	#178 Extremely	4	
0086.COMP	10	04:08	22:29:08.6	+06:22:47	600	89	1.5	#178 Extremely	4	
0087.pg2226p061	600	04:09	22:29:08.6	+06:22:47	600	89	1.5	#178 Extremely	4	
0088.pg2226p061	600	04:19	22:29:08.6	+06:22:47	600	89	1.5	#178 Extremely	4	
0089.COMP	10	04:29	22:29:08.6	+06:22:47	600	89	1.5	#178 Extremely	4	
0090.pg2226p061	600	04:30	22:29:08.6	+06:22:47	600	89	1.5	#178 Extremely	4	
0091.pg2226p061	600	04:40	22:29:08.6	+06:22:47	600	89	1.5	#178 Extremely	4	
0092.COMP	10	04:50	22:29:08.6	+06:22:47	600	89	1.5	#178 Extremely	4	
0093.pg2226p061	600	04:51	22:29:08.6	+06:22:47	600	89	1.5	#178 Extremely	4	
0094.pg2226p061	600	05:01	22:29:08.6	+06:22:47	600	89	1.5	#178 Extremely	4	

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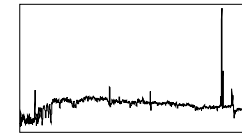
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0095.COMP	10	05:11	22:29:08.6	+06:22:47	600	89	1.5	#178 Extremely	4	
0096.pg2226p061	600	05:12	22:29:08.6	+06:22:47	600	89	1.5	#178 Extremely	4	
0097.pg2226p061	600	05:22	22:29:08.6	+06:22:47	600	89	1.5	#178 Extremely	4	
0098.COMP	10	05:32	22:29:08.6	+06:22:47	600	89	1.5	#178 Extremely	4	
0099.pg2226p061	600	05:33	22:29:08.6	+06:22:47	600	89	1.5	#178 Extremely	4	
0100.pg2226p061	600	05:43	22:29:08.6	+06:22:47	600	89	1.5	#178 Extremely	4	
0101.COMP	10	05:53	22:29:08.6	+06:22:47	600	89	1.5	#178 Extremely	4	
0102.pg2226p061	600	05:54	22:29:08.6	+06:22:47	600	89	1.5	#178 Extremely	4	
0103.pg2226p061	600	06:04	22:29:08.6	+06:22:47	600	89	1.5	#178 Extremely	4	
0104.COMP	10	06:15	22:29:08.6	+06:22:47	600	89	1.5	#178 Extremely	4	
0105.pg2226p061	600	06:15	22:29:08.6	+06:22:47	600	89	1.5	#178 Extremely	4	
0106.pg2226p061	600	06:25	22:29:08.6	+06:22:47	600	89	1.5	#178 Extremely	4	
0107.COMP	10	06:36	22:29:08.6	+06:22:47	600	89	1.5	#178 Extremely	4	
0108.pg2226p061	600	06:36	22:29:08.6	+06:22:47	600	89	1.5	#178 Extremely	4	
0109.pg2226p061	600	06:47	22:29:08.6	+06:22:47	600	89	1.5	#178 Extremely	4	
0110.COMP	10	06:57	22:29:08.6	+06:22:47	600	89	1.5	#178 Extremely	4	
0111.pg2226p061	600	06:58	22:29:08.6	+06:22:47	600	89	1.5	#178 Extremely	4	
0112.pg2226p061	600	07:08	22:29:08.6	+06:22:47	600	89	1.5	#178 Extremely	4	
0113.COMP	10	07:18	22:29:08.6	+06:22:47	600	89	1.5	#178 Extremely	4	
0114.pg2226p061	600	07:18	22:29:08.6	+06:22:47	600	89	1.5	#178 Extremely	4	

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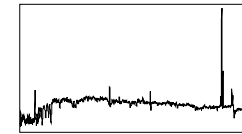
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0115.pg2226p061	600	07:29	22:29:08.6	+06:22:47	600	89	1.5	#178 Extremely	4	
0116.COMP	10	07:39	22:29:08.6	+06:22:47	600	89	1.5	#178 Extremely	4	
0117.COMP	10	07:41	02:40:28.1	+24:22:06	600	89	1.5	#178 Extremely	4	
0118.pg0237p242	1500	07:42	02:40:28.1	+24:22:06	600	89	1.5	#178 Extremely	4	
0119.COMP	10	08:07	02:40:28.1	+24:22:06	600	89	1.5	#178 Extremely	4	
0120.pg0237p242	1500	08:08	02:40:28.1	+24:22:06	600	89	1.5	#178 Extremely	4	
0121.COMP	10	08:33	02:40:28.1	+24:22:06	600	89	1.5	#178 Extremely	4	
0122.pg0237p242	1500	08:33	02:40:28.1	+24:22:06	600	89	1.5	#178 Extremely	4	
0123.COMP	10	08:59	02:40:28.1	+24:22:06	600	89	1.5	#178 Extremely	4	
0124.pg0237p242	1500	09:00	02:40:28.1	+24:22:06	600	89	1.5	#178 Extremely	4	
0125.COMP	10	09:25	02:40:28.1	+24:22:06	600	89	1.5	#178 Extremely	4	
0126.pg0237p242	1500	09:26	02:40:28.1	+24:22:06	600	89	1.5	#178 Extremely	4	
0127.COMP	10	09:51	02:40:28.1	+24:22:06	600	89	1.5	#178 Extremely	4	
0128.pg0237p242	1500	09:51	02:40:28.1	+24:22:06	600	89	1.5	#178 Extremely	4	
0129.COMP	10	10:17	02:40:28.1	+24:22:06	600	89	1.5	#178 Extremely	4	
0130.pg0237p242	1500	10:17	02:40:28.1	+24:22:06	600	89	1.5	#178 Extremely	4	
0131.COMP	10	10:43	02:40:28.1	+24:22:06	600	89	1.5	#178 Extremely	4	
0132.pg0237p242	1500	10:43	02:40:28.1	+24:22:06	600	89	1.5	#178 Extremely	4	
0133.COMP	10	11:09	02:40:28.1	+24:22:06	600	89	1.5	#178 Extremely	4	
0134.pg0237p242	1500	11:09	02:40:28.1	+24:22:06	600	89	1.5	#178 Extremely	4	

UT Date 2009-09-20 Observers P BerlindColl. Focus 1760 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>
0135.COMP	10	11:34	02:40:28.1	+24:22:06	600	89	1.5	#178 Extremely	4	
0136.pg0237p242	1500	11:35	02:40:28.1	+24:22:06	600	89	1.5	#178 Extremely	4	
0137.COMP	10	12:00	02:40:28.1	+24:22:06	600	89	1.5	#178 Extremely	4	
0138-0147.BIAS	0	12:03	02:40:28.1	+24:22:06	600	89	1.5	#56 Spectropho	4	
0148-0162.FLAT	17	12:09	02:40:28.1	+24:22:06	600	89	1.5	#56 Spectropho	4	
0163.COMP	10	12:16	02:40:28.1	+24:22:06	600	89	1.5	#56 Spectropho	2	
0164.COMP	10	12:26	02:40:28.1	+24:22:06	300	89	3.0	#56 Spectropho	2	
0165-0169.DARK	900	13:29	02:40:28.1	+24:22:06	300	89	3.0	#56 Spectropho	2	
0170-0174.DARK	900	14:45	02:40:28.1	+24:22:06	300	89	3.0	#56 Spectropho	4	

UT Date 2009-09-21 Observers M CalkinsColl. Focus 1760 Grating/Grism 300

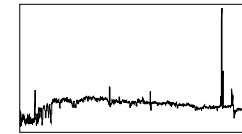
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001-0010.DARK	900	01:20	15:36:40.6	+31:32:14	300	89	3.0	#56 Spectropho	4	
0011-0020.BIAS	0	01:39	15:36:40.6	+31:32:14	300	89	3.0	#56 Spectropho	4	
0021-0040.FLAT	12	02:00	15:36:40.6	+31:32:14	600	89	2.0	#56 Spectropho	4	
0041.BDp332642	150	02:15	15:51:59.9	+32:56:54	600	89	2.0	#56 Spectropho	4	
0042.COMP	10	02:18	15:51:59.9	+32:56:54	600	89	2.0	#56 Spectropho	4	
0043.bhvs190	1020	02:26	16:13:36.8	+05:57:39	600	71	2.0	#182 Runaway B	4	
0044.COMP	10	02:44	16:13:36.8	+05:57:39	600	71	2.0	#182 Runaway B	4	
0045.bhvs191	840	02:49	16:14:35.0	+04:47:56	600	90	2.0	#182 Runaway B	4	
0046.COMP	10	03:03	16:14:35.0	+04:47:56	600	90	2.0	#182 Runaway B	4	
0047.bhvs192	840	03:05	16:15:14.7	+11:17:51	600	100	2.0	#182 Runaway B	4	
0048.COMP	10	03:19	16:15:14.7	+11:17:51	600	100	2.0	#182 Runaway B	4	
0049.bhvs264	840	03:24	17:03:25.0	+21:07:57	600	91	2.0	#182 Runaway B	4	
0050.COMP	10	03:39	17:03:25.0	+21:07:57	600	91	2.0	#182 Runaway B	4	
0051.bhvs265	1320	03:40	17:03:59.8	+23:39:20	600	91	2.0	#182 Runaway B	4	
0052.COMP	10	04:02	17:03:59.8	+23:39:20	600	91	2.0	#182 Runaway B	4	
0053.bhvs266	720	04:05	17:06:12.9	+20:49:35	600	91	2.0	#182 Runaway B	4	
0054.COMP	10	04:17	17:06:12.9	+20:49:35	600	91	2.0	#182 Runaway B	4	
0055.bhvs327	1560	04:23	17:33:38.1	+67:18:21	600	40	2.0	#182 Runaway B	4	
0056.COMP	10	04:49	17:33:38.1	+67:18:21	600	40	2.0	#182 Runaway B	4	
0057.bhvs396	1680	04:51	21:30:07.1	+11:51:55	600	89	2.0	#182 Runaway B	4	

UT Date 2009-09-21 Observers M CalkinsColl. Focus 1760 Grating/Grism 300

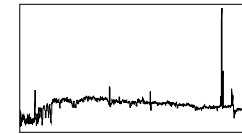
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0058.COMP	10	05:20	21:30:07.1	+11:51:55	600	89	2.0	#182 Runaway B	4	
0059.bhvs397	900	05:21	21:30:51.7	+17:42:08	600	89	2.0	#182 Runaway B	4	
0060.COMP	10	05:37	21:30:51.7	+17:42:08	600	89	2.0	#182 Runaway B	4	
0061.bhvs398	1740	05:39	21:31:17.4	+16:25:40	600	80	2.0	#182 Runaway B	4	
0062.COMP	10	06:09	21:31:17.4	+16:25:40	600	80	2.0	#182 Runaway B	4	
0063.bhvs399	780	06:11	21:32:45.3	+12:31:11	600	80	2.0	#182 Runaway B	4	
0064.COMP	10	06:24	21:32:45.3	+12:31:11	600	80	2.0	#182 Runaway B	4	
0065.bhvs400	1260	06:26	21:37:17.0	+14:57:57	600	89	2.0	#182 Runaway B	4	
0066.COMP	10	06:47	21:37:17.0	+14:57:57	600	89	2.0	#182 Runaway B	4	
0067.bhvs401	1020	06:49	21:39:10.8	+14:41:12	600	94	2.0	#182 Runaway B	4	
0068.COMP	10	07:06	21:39:10.8	+14:41:12	600	94	2.0	#182 Runaway B	4	
0069.pg0132p254	900	07:13	01:35:14.1	+25:39:44	600	94	1.5	#178 Extremely	4	
0070.COMP	10	07:28	01:35:14.1	+25:39:44	600	94	1.5	#178 Extremely	4	
0071.pg0132p254	900	07:29	01:35:14.1	+25:39:44	600	94	1.5	#178 Extremely	4	
0072.pg0132p254	900	07:44	01:35:14.1	+25:39:44	600	94	1.5	#178 Extremely	4	
0073.COMP	10	08:00	01:35:14.1	+25:39:44	600	94	1.5	#178 Extremely	4	
0074.pg0132p254	900	08:01	01:35:14.1	+25:39:44	600	94	1.5	#178 Extremely	4	
0075.pg0132p254	900	08:16	01:35:14.1	+25:39:44	600	94	1.5	#178 Extremely	4	
0076.COMP	10	08:31	01:35:14.1	+25:39:44	600	94	1.5	#178 Extremely	4	
0077.pg0132p254	900	08:32	01:35:14.1	+25:39:44	600	94	1.5	#178 Extremely	4	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0078.pg0132p254	900	08:47	01:35:14.1	+25:39:44	600	94	1.5	#178 Extremely	4	
0079.COMP	10	09:02	01:35:14.1	+25:39:44	600	94	1.5	#178 Extremely	4	
0080.pg0132p254	900	09:03	01:35:14.1	+25:39:44	600	94	1.5	#178 Extremely	4	
0081.pg0132p254	900	09:18	01:35:14.1	+25:39:44	600	94	1.5	#178 Extremely	4	
0082.COMP	10	09:33	01:35:14.1	+25:39:44	600	94	1.5	#178 Extremely	4	
0083.pg0132p254	900	09:34	01:35:14.1	+25:39:44	600	94	1.5	#178 Extremely	4	
0084.pg0132p254	900	09:49	01:35:14.1	+25:39:44	600	94	1.5	#178 Extremely	4	
0085.COMP	10	10:05	01:35:14.1	+25:39:44	600	94	1.5	#178 Extremely	4	
0086.pg0132p254	900	10:05	01:35:14.1	+25:39:44	600	94	1.5	#178 Extremely	4	
0087.pg0132p254	900	10:20	01:35:14.1	+25:39:44	600	94	1.5	#178 Extremely	4	
0088.COMP	10	10:36	01:35:14.1	+25:39:44	600	94	1.5	#178 Extremely	4	
0089.pg0132p254	900	10:37	01:35:14.1	+25:39:44	600	94	1.5	#178 Extremely	4	
0090.pg0132p254	900	10:52	01:35:14.1	+25:39:44	600	94	1.5	#178 Extremely	4	
0091.COMP	10	11:07	01:35:14.1	+25:39:44	600	94	1.5	#178 Extremely	4	
0092-0101.FLAT	12	11:11	01:35:14.1	+25:39:44	600	94	1.5	#178 Extremely	4	
0102.COMP	5	11:15	01:35:14.1	+25:39:44	300	94	3.0	#178 Extremely	4	test
0103.COMP	5	11:17	01:35:14.1	+25:39:44	300	94	3.0	#178 Extremely	4	
0104.COMP	5	11:19	01:35:14.1	+25:39:44	300	94	3.0	#178 Extremely	4	
0105.COMP	5	11:21	01:35:14.1	+25:39:44	300	94	3.0	#178 Extremely	4	
0106.S032809+174046	5	11:24	03:28:09.7	+17:40:47	300	94	3.0	#189 S Dwarfs	2	

UT Date 2009-09-21 Observers M CalkinsColl. Focus 1760 Grating/Grism 300

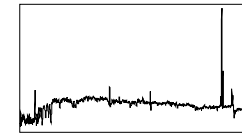
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0107.S032809+174046	30	11:25	03:28:09.7	+17:40:47	300	94	3.0	#189 S Dwarfs	2	
0108.COMP	10	11:26	03:28:09.7	+17:40:47	300	94	3.0	#189 S Dwarfs	2	
0109.S033144+044143	20	11:28	03:31:44.9	+04:41:44	300	94	3.0	#189 S Dwarfs	2	
0110.COMP	10	11:29	03:31:44.9	+04:41:44	300	94	3.0	#189 S Dwarfs	2	
0111.S042421-023157	2	11:30	04:24:21.8	-02:31:58	300	91	3.0	#189 S Dwarfs	2	
0112.COMP	10	11:31	04:24:21.8	-02:31:58	300	91	3.0	#189 S Dwarfs	2	
0113.S045545+795959	3	11:35	04:55:45.0	+80:00:00	300	91	3.0	#189 S Dwarfs	2	
0114.COMP	10	11:36	04:55:45.0	+80:00:00	300	91	3.0	#189 S Dwarfs	2	
0115.S052320-043414	1	11:38	05:23:20.7	-04:34:14	300	91	3.0	#189 S Dwarfs	2	
0116.COMP	10	11:39	05:23:20.7	-04:34:14	300	91	3.0	#189 S Dwarfs	2	
0117.C030729.2+050952	780	11:42	03:07:29.3	+05:09:52	300	91	3.0	#188 Dwarf C S	2	
0118.COMP	10	11:55	03:07:29.3	+05:09:52	300	91	3.0	#188 Dwarf C S	2	
0119.C031141.5+011543	780	11:57	03:11:41.6	+01:15:44	300	99	3.0	#188 Dwarf C S	2	
0120.COMP	10	12:10	03:11:41.6	+01:15:44	300	99	3.0	#188 Dwarf C S	2	
0121.C033147.4+041742	900	12:12	03:31:47.4	+04:17:43	300	91	3.0	#188 Dwarf C S	2	
0122.COMP	10	12:27	03:31:47.4	+04:17:43	300	91	3.0	#188 Dwarf C S	2	
0123.HD19445	10	12:29	03:08:25.6	+26:19:51	300	91	3.0	#56 Spectropho	2	
0124.COMP	10	12:29	03:08:25.6	+26:19:51	300	91	3.0	#56 Spectropho	2	
0125-0134.BIAS	0	12:33	03:08:25.6	+26:19:51	300	91	3.0	#178 Extremely	2	
0135-0154.FLAT	10	12:42	03:08:25.6	+26:19:51	300	91	3.0	#178 Extremely	2	

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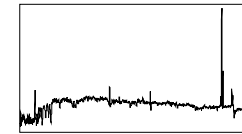
<i>File</i>	<i>Exp Time</i>	<i>UT Start</i>	<i>RA</i>	<i>Dec</i>	<i>Gr.</i>	<i>P.A.</i>	<i>Slit</i>	<i>Program</i>	<i>Bin</i>	<i>Comments</i>
0155-0164.DARK	900	15:03	03:08:25.6	+26:19:51	300	91	3.0	#178 Extremely	2	

UT Date 2009-09-22 Observers M CalkinsColl. Focus 1760 Grating/Grism 600

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001-0010.DARK	900	01:50	03:08:25.6	+26:19:51	300	91	3.0	#178 Extremely	4	
0011.BIAS	0	02:06	03:08:25.6	+26:19:51	300	91	3.0	#178 Extremely	4	binby 4
0012-0020.BIAS	0	02:07	03:08:25.6	+26:19:51	300	91	3.0	#178 Extremely	4	
0021.BIAS	0	02:09	03:08:25.6	+26:19:51	300	91	3.0	#178 Extremely	2	binby 2
0022-0030.BIAS	0	02:10	03:08:25.6	+26:19:51	300	91	3.0	#178 Extremely	2	
0031-0050.FLAT	10	02:18	03:08:25.6	+26:19:51	300	91	3.0	#178 Extremely	2	
0051.BDp332642	120	02:33	15:51:59.9	+32:56:54	300	78	3.0	#56 Spectropho	2	
0052.COMP	10	02:35	15:51:59.9	+32:56:54	300	78	3.0	#56 Spectropho	2	
0053.cygx_fast_105	70	02:38	20:35:53.4	+41:12:41	300	91	3.0	#190 Cygnus X	2	
0054.COMP	10	02:39	20:35:53.4	+41:12:41	300	91	3.0	#190 Cygnus X	2	
0055.cygx_fast_106	90	02:40	20:35:54.6	+41:27:40	300	91	3.0	#190 Cygnus X	2	
0056.cygx_fast_107	90	02:43	20:35:56.6	+41:45:29	300	91	3.0	#190 Cygnus X	2	
0057.cygx_fast_110	120	02:46	20:36:26.6	+42:38:52	300	100	3.0	#190 Cygnus X	2	
0058.cygx_fast_111	100	02:49	20:36:30.6	+42:11:16	300	90	3.0	#190 Cygnus X	2	
0059.cygx_fast_112	120	02:52	20:36:54.0	+41:08:09	300	90	3.0	#190 Cygnus X	2	
0060.COMP	10	02:54	20:36:54.0	+41:08:09	300	90	3.0	#190 Cygnus X	2	
0061.cygx_fast_113	90	02:56	20:37:05.8	+42:01:34	300	90	3.0	#190 Cygnus X	2	
0062.cygx_fast_115	90	02:58	20:37:07.7	+42:40:18	300	90	3.0	#190 Cygnus X	2	
0063.cygx_fast_116	120	03:01	20:37:10.1	+41:51:29	300	90	3.0	#190 Cygnus X	2	
0064.cygx_fast_117	120	03:03	20:37:11.2	+42:49:13	300	90	3.0	#190 Cygnus X	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0065.cygx_fast_118	120	03:07	20:37:11.5	+41:56:31	300	90	3.0	#190 Cygnus X	2	
0066.COMP	10	03:09	20:37:11.5	+41:56:31	300	90	3.0	#190 Cygnus X	2	
0067.cygx_fast_120	120	03:10	20:37:15.3	+41:34:13	300	90	3.0	#190 Cygnus X	2	
0068.cygx_fast_121	100	03:13	20:37:17.1	+42:47:56	300	90	3.0	#190 Cygnus X	2	
0069.cygx_fast_122	80	03:16	20:37:23.6	+42:00:02	300	90	3.0	#190 Cygnus X	2	
0070.cygx_fast_123	90	03:18	20:37:38.4	+42:12:13	300	90	3.0	#190 Cygnus X	2	
0071.cygx_fast_125	90	03:20	20:37:38.9	+42:13:11	300	90	3.0	#190 Cygnus X	2	
0072.COMP	10	03:23	20:37:38.9	+42:13:11	300	90	3.0	#190 Cygnus X	2	
0073.cygx_fast_126	60	03:24	20:37:50.3	+41:58:14	300	90	3.0	#190 Cygnus X	2	
0074.cygx_fast_127	60	03:25	20:38:04.1	+41:54:12	300	90	3.0	#190 Cygnus X	2	
0075.cygx_fast_128	80	03:28	20:38:11.3	+42:12:03	300	40	3.0	#190 Cygnus X	2	
0076.cygx_fast_130	80	03:30	20:38:21.6	+42:12:10	300	40	3.0	#190 Cygnus X	2	
0077.cygx_fast_131	120	03:33	20:38:24.3	+42:01:40	300	90	3.0	#190 Cygnus X	2	
0078.COMP	10	03:36	20:38:24.3	+42:01:40	300	90	3.0	#190 Cygnus X	2	
0079.cygx_fast_132	80	03:37	20:38:26.0	+42:04:52	300	90	3.0	#190 Cygnus X	2	
0080.cygx_fast_134	90	03:39	20:38:28.6	+42:10:07	300	90	3.0	#190 Cygnus X	2	
0081.cygx_fast_135	50	03:41	20:38:37.7	+41:48:27	300	90	3.0	#190 Cygnus X	2	
0082.cygx_fast_136	60	03:43	20:38:41.6	+42:07:41	300	90	3.0	#190 Cygnus X	2	
0083.cygx_fast_137	60	03:45	20:39:03.6	+42:13:27	300	90	3.0	#190 Cygnus X	2	
0084.COMP	10	03:47	20:39:03.6	+42:13:27	300	90	3.0	#190 Cygnus X	2	

UT Date 2009-09-22 Observers M CalkinsColl. Focus 1760 Grating/Grism 600

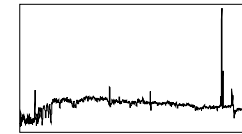
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0085.cygx_fast_138	60	03:48	20:39:04.4	+42:35:11	300	90	3.0	#190 Cygnus X	2	
0086.cygx_fast_139	80	03:50	20:39:09.8	+42:08:49	300	90	3.0	#190 Cygnus X	2	
0087.cygx_fast_140	60	03:52	20:39:21.4	+42:12:13	300	90	3.0	#190 Cygnus X	2	
0088.cygx_fast_141	120	03:54	20:39:32.1	+42:41:00	300	95	3.0	#190 Cygnus X	2	
0089.cygx_fast_143	70	03:57	20:39:40.0	+42:21:44	300	90	3.0	#190 Cygnus X	2	
0090.COMP	10	03:59	20:39:40.0	+42:21:44	300	90	3.0	#190 Cygnus X	2	
0091.cygx_fast_144	70	04:00	20:39:44.9	+42:07:52	300	90	3.0	#190 Cygnus X	2	
0092.cygx_fast_145	60	04:02	20:39:50.2	+41:44:01	300	90	3.0	#190 Cygnus X	2	
0093.cygx_fast_146	120	04:05	20:39:53.9	+41:49:10	300	90	3.0	#190 Cygnus X	2	
0094.cygx_fast_148	90	04:08	20:39:55.3	+41:58:49	300	90	3.0	#190 Cygnus X	2	
0095.cygx_fast_149	70	04:11	20:40:07.1	+42:26:25	300	90	3.0	#190 Cygnus X	2	
0096.COMP	10	04:12	20:40:07.1	+42:26:25	300	90	3.0	#190 Cygnus X	2	
0097.cygx_fast_150	60	04:21	20:40:07.4	+43:05:45	300	90	3.0	#190 Cygnus X	2	
0098.cygx_fast_151	60	04:23	20:40:11.6	+42:10:35	300	90	3.0	#190 Cygnus X	2	
0099.cygx_fast_152	60	04:24	20:40:15.1	+41:23:14	300	90	3.0	#190 Cygnus X	2	
0100.cygx_fast_153	60	04:26	20:40:16.0	+41:54:28	300	90	3.0	#190 Cygnus X	2	
0101.cygx_fast_154	80	04:28	20:40:22.5	+42:34:01	300	90	3.0	#190 Cygnus X	2	
0102.COMP	10	04:30	20:40:22.5	+42:34:01	300	90	3.0	#190 Cygnus X	2	
0103.cygx_fast_155	90	04:31	20:40:28.2	+42:56:42	300	90	3.0	#190 Cygnus X	2	
0104.cygx_fast_158	70	04:34	20:40:28.5	+42:14:05	300	90	3.0	#190 Cygnus X	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0105.cygx_fast_159	70	04:38	20:40:28.8	+42:04:45	300	90	3.0	#190 Cygnus X	2	
0106.cygx_fast_160	70	04:41	20:40:29.2	+41:41:21	300	90	3.0	#190 Cygnus X	2	
0107.cygx_fast_161	110	04:43	20:40:29.8	+41:44:31	300	90	3.0	#190 Cygnus X	2	
0108.COMP	10	04:45	20:40:29.8	+41:44:31	300	90	3.0	#190 Cygnus X	2	
0109.pg2257p162	900	05:01	22:59:46.9	+16:29:17	600	90	1.5	#178 Extremely	4	
0110.COMP	10	05:26	22:59:46.9	+16:29:17	600	90	1.5	#178 Extremely	4	
0111.pg2257p162	900	05:27	22:59:46.9	+16:29:17	600	90	1.5	#178 Extremely	4	
0112.pg2257p162	900	05:42	22:59:46.9	+16:29:17	600	90	1.5	#178 Extremely	4	
0113.COMP	10	05:58	22:59:46.9	+16:29:17	600	90	1.5	#178 Extremely	4	
0114.pg2257p162	900	05:59	22:59:46.9	+16:29:17	600	90	1.5	#178 Extremely	4	
0115.pg2257p162	900	06:14	22:59:46.9	+16:29:17	600	90	1.5	#178 Extremely	4	
0116.COMP	10	06:30	22:59:46.9	+16:29:17	600	90	1.5	#178 Extremely	4	
0117.pg2257p162	900	06:30	22:59:46.9	+16:29:17	600	90	1.5	#178 Extremely	4	
0118.pg2257p162	900	06:46	22:59:46.9	+16:29:17	600	90	1.5	#178 Extremely	4	
0119.COMP	10	07:01	22:59:46.9	+16:29:17	600	90	1.5	#178 Extremely	4	
0120.pg2257p162	900	07:02	22:59:46.9	+16:29:17	600	90	1.5	#178 Extremely	4	
0121.pg2257p162	900	07:17	22:59:46.9	+16:29:17	600	90	1.5	#178 Extremely	4	
0122.COMP	10	07:32	22:59:46.9	+16:29:17	600	90	1.5	#178 Extremely	4	
0123.pg2257p162	900	07:33	22:59:46.9	+16:29:17	600	90	1.5	#178 Extremely	4	
0124.pg2257p162	900	07:48	22:59:46.9	+16:29:17	600	90	1.5	#178 Extremely	4	

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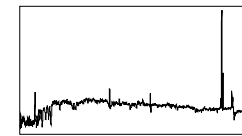
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0125.COMP	10	08:04	22:59:46.9	+16:29:17	600	90	1.5	#178 Extremely	4	
0126.pg2257p162	900	08:04	22:59:46.9	+16:29:17	600	90	1.5	#178 Extremely	4	
0127.pg2257p162	900	08:20	22:59:46.9	+16:29:17	600	90	1.5	#178 Extremely	4	
0128.COMP	10	08:35	22:59:46.9	+16:29:17	600	90	1.5	#178 Extremely	4	
0129.pg2257p162	900	08:36	22:59:46.9	+16:29:17	600	90	1.5	#178 Extremely	4	
0130.pg2257p162	900	08:51	22:59:46.9	+16:29:17	600	90	1.5	#178 Extremely	4	
0131.COMP	10	09:06	22:59:46.9	+16:29:17	600	90	1.5	#178 Extremely	4	
0132.pg2257p162	900	09:07	22:59:46.9	+16:29:17	600	90	1.5	#178 Extremely	4	
0133.pg2257p162	900	09:23	22:59:46.9	+16:29:17	600	90	1.5	#178 Extremely	4	
0134.COMP	10	09:38	22:59:46.9	+16:29:17	600	90	1.5	#178 Extremely	4	
0135.pg2257p162	900	09:39	22:59:46.9	+16:29:17	600	90	1.5	#178 Extremely	4	
0136.pg2257p162	900	09:54	22:59:46.9	+16:29:17	600	90	1.5	#178 Extremely	4	
0137.COMP	10	10:09	22:59:46.9	+16:29:17	600	90	1.5	#178 Extremely	4	
0138-0147.FLAT	12	10:14	22:59:46.9	+16:29:17	600	90	1.5	#178 Extremely	4	
0148.bhvs461	1260	10:20	00:14:14.0	-12:13:29	600	90	2.0	#182 Runaway B	4	will get again
0149.COMP	10	10:42	00:14:14.0	-12:13:29	600	90	2.0	#182 Runaway B	4	
0150.bhvs475	1620	10:46	00:50:14.3	+07:32:37	600	90	2.0	#182 Runaway B	4	
0151.COMP	10	11:13	00:50:14.3	+07:32:37	600	90	2.0	#182 Runaway B	4	
0152.bhvs002	600	11:18	07:01:07.4	+12:31:49	600	90	2.0	#182 Runaway B	4	
0153.COMP	10	11:29	07:01:07.4	+12:31:49	600	90	2.0	#182 Runaway B	4	

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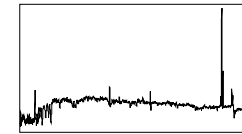
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0154.bhvs003	960	11:31	07:02:57.8	+13:09:39	600	81	2.0	#182 Runaway B	4	
0155.COMP	10	11:47	07:02:57.8	+13:09:39	600	81	2.0	#182 Runaway B	4	
0156.bhvs004	720	11:49	07:03:07.5	+11:38:18	600	89	2.0	#182 Runaway B	4	
0157.COMP	10	12:01	07:03:07.5	+11:38:18	600	89	2.0	#182 Runaway B	4	
0158.bhvs005	840	12:03	07:05:00.0	+11:50:29	600	85	2.0	#182 Runaway B	4	
0159.COMP	10	12:17	07:05:00.0	+11:50:29	600	85	2.0	#182 Runaway B	4	
0160.HD19445	12	12:19	03:08:25.6	+26:19:51	600	90	2.0	#56 Spectropho	4	
0161.COMP	10	12:20	03:08:25.6	+26:19:51	600	90	2.0	#56 Spectropho	4	
0162-0171.FLAT	12	12:26	03:08:25.6	+26:19:51	600	90	2.0	#56 Spectropho	4	
0172.BIAS	0	12:28	03:08:25.6	+26:19:51	600	90	2.0	#56 Spectropho	4	binby 4
0173-0181.BIAS	0	12:29	03:08:25.6	+26:19:51	600	90	2.0	#56 Spectropho	4	
0182.BIAS	0	12:32	03:08:25.6	+26:19:51	600	90	2.0	#56 Spectropho	2	binby 2
0183-0191.BIAS	0	12:33	03:08:25.6	+26:19:51	600	90	2.0	#56 Spectropho	2	
0192-0201.DARK	900	14:52	03:08:25.6	+26:19:51	600	90	2.0	#56 Spectropho	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001-0010.DARK	900	01:07	03:08:25.6	+26:19:51	600	90	2.0	#56 Spectropho	4	
0011.BIAS	0	01:23	03:08:25.6	+26:19:51	600	90	2.0	#56 Spectropho	4	binby 4
0012-0020.BIAS	0	01:24	03:08:25.6	+26:19:51	600	90	2.0	#56 Spectropho	4	
0021.BIAS	0	01:30	03:08:25.6	+26:19:51	300	90	3.0	#56 Spectropho	2	binby 2
0021.COMP	5	01:27	03:08:25.6	+26:19:51	300	90	3.0	#56 Spectropho	4	
0022.BIAS	0	01:30	03:08:25.6	+26:19:51	300	90	3.0	#56 Spectropho	2	
0022.COMP	5	01:29	03:08:25.6	+26:19:51	300	90	3.0	#56 Spectropho	4	
0023-0030.BIAS	0	01:32	03:08:25.6	+26:19:51	300	90	3.0	#56 Spectropho	2	
0031-0050.FLAT	10	01:39	03:08:25.6	+26:19:51	300	90	3.0	#56 Spectropho	2	
0051.sky	3	01:41	03:08:25.6	+26:19:51	300	90	3.0	#57 Velocity S	2	
0052.sky	15	01:41	03:08:25.6	+26:19:51	300	90	3.0	#57 Velocity S	2	
0053.sky	40	01:42	03:08:25.6	+26:19:51	300	90	3.0	#57 Velocity S	2	
0054.sky	70	01:43	03:08:25.6	+26:19:51	300	90	3.0	#57 Velocity S	2	
0055.sky	100	01:45	03:08:25.6	+26:19:51	300	90	3.0	#57 Velocity S	2	
0056.COMP	10	01:47	03:08:25.6	+26:19:51	300	90	3.0	#57 Velocity S	2	
0057.BDp332642	130	02:10	15:51:59.9	+32:56:54	300	80	3.0	#56 Spectropho	2	
0058.COMP	10	02:13	15:51:59.9	+32:56:54	300	80	3.0	#56 Spectropho	2	
0059.XS06267B7_023	60	02:21	15:49:40.1	+62:40:00	300	90	3.0	#129 ChaMP Sou	2	
0060.COMP	10	02:23	15:49:40.1	+62:40:00	300	90	3.0	#129 ChaMP Sou	2	
0061.XS04128B3_002	1800	02:25	17:01:54.9	+40:02:01	300	90	3.0	#129 ChaMP Sou	2	

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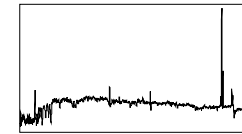
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0062.COMP	10	02:55	17:01:54.9	+40:02:01	300	90	3.0	#129 ChaMP Sou	2	
0063.XS04361B2_013	1800	02:59	17:20:04.4	+26:27:01	300	90	3.0	#129 ChaMP Sou	2	
0064.COMP	10	03:30	17:20:04.4	+26:27:01	300	90	3.0	#129 ChaMP Sou	2	
0065.cygx_fast_163	70	03:32	20:40:34.9	+41:54:25	300	90	3.0	#190 Cygnus X	2	
0066.COMP	10	03:34	20:40:34.9	+41:54:25	300	90	3.0	#190 Cygnus X	2	
0067.cygx_fast_164	70	03:35	20:40:39.2	+42:33:47	300	90	3.0	#190 Cygnus X	2	
0068.cygx_fast_165	70	03:37	20:40:40.3	+41:44:59	300	90	3.0	#190 Cygnus X	2	
0069.cygx_fast_166	60	03:39	20:40:40.7	+42:23:27	300	90	3.0	#190 Cygnus X	2	
0070.cygx_fast_167	150	03:41	20:40:41.7	+43:01:09	300	90	3.0	#190 Cygnus X	2	
0071.cygx_fast_168	90	03:45	20:40:52.9	+42:15:13	300	90	3.0	#190 Cygnus X	2	
0072.COMP	10	03:47	20:40:52.9	+42:15:13	300	90	3.0	#190 Cygnus X	2	
0073.cygx_fast_170	120	03:48	20:40:54.4	+41:49:11	300	90	3.0	#190 Cygnus X	2	
0074.cygx_fast_171	70	03:51	20:40:56.5	+41:41:38	300	90	3.0	#190 Cygnus X	2	
0075.cygx_fast_172	90	03:53	20:40:57.4	+42:37:01	300	90	3.0	#190 Cygnus X	2	
0076.cygx_fast_173	90	03:55	20:41:00.2	+41:28:26	300	90	3.0	#190 Cygnus X	2	
0077.cygx_fast_174	60	03:58	20:41:07.2	+42:10:39	300	85	3.0	#190 Cygnus X	2	
0078.COMP	10	04:00	20:41:07.2	+42:10:39	300	85	3.0	#190 Cygnus X	2	
0079.cygx_fast_176	90	04:02	20:41:10.3	+42:10:38	300	86	3.0	#190 Cygnus X	2	
0080.cygx_fast_179	60	04:06	20:41:11.4	+42:02:00	300	89	3.0	#190 Cygnus X	2	
0081.cygx_fast_180	90	04:08	20:41:13.5	+41:29:49	300	89	3.0	#190 Cygnus X	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0082.cygx_fast_183	90	04:11	20:41:19.7	+41:53:31	300	89	3.0	#190 Cygnus X	2	
0083.cygx_fast_187	150	04:14	20:41:21.0	+42:27:53	300	89	3.0	#190 Cygnus X	2	
0084.COMP	10	04:17	20:41:21.0	+42:27:53	300	89	3.0	#190 Cygnus X	2	
0085.XTEJ1946p274	1800	04:29	19:45:39.3	+27:21:55	600	89	2.0	#176 Be/X-ray	2	
0086.COMP	10	05:00	19:45:39.3	+27:21:55	600	89	2.0	#176 Be/X-ray	2	
0087.KS1947p300	1500	05:05	19:49:30.5	+30:12:24	600	89	2.0	#176 Be/X-ray	2	row=89
0088.COMP	7	05:30	19:49:30.5	+30:12:24	600	89	2.0	#176 Be/X-ray	2	
0089.GROJ2058p42	1500	05:34	20:58:47.0	+41:46:36	600	89	2.0	#176 Be/X-ray	2	
0090.COMP	7	05:59	20:58:47.0	+41:46:36	600	89	2.0	#176 Be/X-ray	2	
0091.SAXJ21035p4545	1200	06:01	21:03:35.7	+45:45:05	600	89	2.0	#176 Be/X-ray	2	
0092.COMP	7	06:21	21:03:35.7	+45:45:05	600	89	2.0	#176 Be/X-ray	2	
0093.4U2204p543	120	06:23	22:07:57.0	+54:31:06	600	90	2.0	#176 Be/X-ray	2	
0094.COMP	7	06:25	22:07:57.0	+54:31:06	600	90	2.0	#176 Be/X-ray	2	
0095.BDp174708	60	06:29	22:11:31.5	+18:05:34	600	90	2.0	#176 Be/X-ray	2	
0096.COMP	7	06:30	22:11:31.5	+18:05:34	600	90	2.0	#176 Be/X-ray	2	
0097-0106.FLAT	15	06:35	22:11:31.5	+18:05:34	600	90	2.0	#176 Be/X-ray	2	
0107.bhvs436	900	06:41	20:37:57.7	+00:58:59	600	90	2.0	#182 Runaway B	4	
0108.COMP	10	06:57	20:37:57.7	+00:58:59	600	90	2.0	#182 Runaway B	4	
0109.bhvs438	600	06:58	20:42:51.9	+00:18:30	600	100	2.0	#182 Runaway B	4	
0110.COMP	10	07:09	20:42:51.9	+00:18:30	600	100	2.0	#182 Runaway B	4	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0111.bhvs447	780	07:10	20:58:05.5	+01:14:36	600	91	2.0	#182 Runaway B	4	horrible seeing!
0112.COMP	10	07:24	20:58:05.5	+01:14:36	600	91	2.0	#182 Runaway B	4	
0113.bhvs402	780	07:27	21:41:28.3	+11:46:23	600	91	2.0	#182 Runaway B	4	
0114.COMP	10	07:40	21:41:28.3	+11:46:23	600	91	2.0	#182 Runaway B	4	
0115.bhvs405	1500	07:42	21:56:48.4	+06:04:30	600	91	2.0	#182 Runaway B	4	
0116.COMP	10	08:07	21:56:48.4	+06:04:30	600	91	2.0	#182 Runaway B	4	
0117.bhvs406	1560	08:11	21:57:05.1	+13:23:32	600	91	2.0	#182 Runaway B	4	
0118.COMP	10	08:38	21:57:05.1	+13:23:32	600	91	2.0	#182 Runaway B	4	
0119.bhvs423	1560	08:42	23:16:05.6	+05:59:46	600	91	2.0	#182 Runaway B	4	
0120.COMP	10	09:09	23:16:05.6	+05:59:46	600	91	2.0	#182 Runaway B	4	
0121.bhvs461	1560	09:11	00:14:14.0	-12:13:29	600	91	2.0	#182 Runaway B	4	
0122.COMP	10	09:38	00:14:14.0	-12:13:29	600	91	2.0	#182 Runaway B	4	
0123.bhvs474	720	09:39	00:26:24.1	+07:41:17	600	91	2.0	#182 Runaway B	4	
0124.COMP	10	09:52	00:26:24.1	+07:41:17	600	91	2.0	#182 Runaway B	4	
0125.bhvs476	1380	09:54	00:54:17.6	+08:13:37	600	95	2.0	#182 Runaway B	4	
0126.COMP	10	10:17	00:54:17.6	+08:13:37	600	95	2.0	#182 Runaway B	4	
0127.bhvs471	1260	10:20	05:08:41.7	-01:43:00	600	91	2.0	#182 Runaway B	4	
0128.COMP	10	10:42	05:08:41.7	-01:43:00	600	91	2.0	#182 Runaway B	4	
0129.HD19445	14	10:44	03:08:25.6	+26:19:51	600	91	2.0	#56 Spectropho	4	
0130.COMP	10	10:45	03:08:25.6	+26:19:51	600	91	2.0	#56 Spectropho	4	

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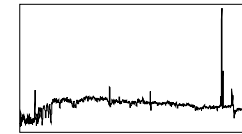
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0131-0140.FLAT	12	10:49	03:08:25.6	+26:19:51	600	91	2.0	#56 Spectropho	4	
0141.COMP	5	10:52	03:08:25.6	+26:19:51	300	91	3.0	#56 Spectropho	4	test
0142.COMP	5	10:54	03:08:25.6	+26:19:51	300	91	3.0	#56 Spectropho	4	
0144.BIAS	0	11:25	04:10:21.7	+31:28:53	300	23	3.0	#2 SN Observat	2	test
0145.sn2009ig	1080	11:31	02:38:11.6	-01:18:45	300	32	3.0	#2 SN Observat	2	
0146.COMP	10	11:49	02:38:11.6	-01:18:45	300	32	3.0	#2 SN Observat	2	
0147.G191B2B	420	11:55	05:05:30.6	+52:49:52	300	17	3.0	#56 Spectropho	2	
0148.COMP	10	12:02	05:05:30.6	+52:49:52	300	17	3.0	#56 Spectropho	2	
0149.HD19445	15	12:05	03:08:25.6	+26:19:51	300	70	3.0	#56 Spectropho	2	horrible seeing
0150.COMP	10	12:06	03:08:25.6	+26:19:51	300	70	3.0	#56 Spectropho	2	
0151-0160.BIAS	0	12:34	03:26:09.0	+12:37:23	300	89	3.0	#2 SN Observat	2	
0161-0180.FLAT	10	12:43	03:26:09.0	+12:37:23	300	89	3.0	#2 SN Observat	2	
0181-0190.DARK	900	15:02	03:26:09.0	+12:37:23	300	89	3.0	#2 SN Observat	2	

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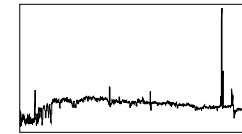
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001-0010.BIAS	0	01:19	18:01:13.9	+31:30:15	300	89	3.0	#2 SN Observat	2	
0011-0025.FLAT	7	01:24	18:01:13.9	+31:30:15	300	89	3.0	#2 SN Observat	2	
0026-0030.sky	7	01:36	18:25:00.0	+32:00:00	300	89	3.0	#57 Velocity S	2	
0031.COMP	10	01:37	18:25:00.0	+32:00:00	300	89	3.0	#57 Velocity S	2	
0032.AGDra	5	02:08	16:01:41.0	+66:48:10	300	89	3.0	#12 Symbiotic	2	
0033.AGDra	20	02:08	16:01:41.0	+66:48:10	300	89	3.0	#12 Symbiotic	2	
0034.AGDra	90	02:09	16:01:41.0	+66:48:10	300	89	3.0	#12 Symbiotic	2	
0035.COMP	10	02:11	16:01:41.0	+66:48:10	300	89	3.0	#12 Symbiotic	2	
0036.CHCyg	5	02:14	19:24:33.0	+50:14:30	300	89	3.0	#12 Symbiotic	2	
0037.CHCyg	2	02:15	19:24:33.0	+50:14:30	300	89	3.0	#12 Symbiotic	2	
0038.CHCyg	10	02:15	19:24:33.0	+50:14:30	300	89	3.0	#12 Symbiotic	2	
0039.COMP	10	02:16	19:24:33.0	+50:14:30	300	89	3.0	#12 Symbiotic	2	
0040.CICyg	5	02:17	19:50:12.0	+35:41:02	300	89	3.0	#12 Symbiotic	2	
0041.CICyg	2	02:17	19:50:12.0	+35:41:02	300	89	3.0	#12 Symbiotic	2	
0042.CICyg	15	02:18	19:50:12.0	+35:41:02	300	89	3.0	#12 Symbiotic	2	
0043.CICyg	30	02:18	19:50:12.0	+35:41:02	300	89	3.0	#12 Symbiotic	2	
0044.COMP	10	02:20	19:50:12.0	+35:41:02	300	89	3.0	#12 Symbiotic	2	
0045.BFCyg	5	02:21	19:23:53.0	+29:40:27	300	89	3.0	#12 Symbiotic	2	
0046.BFCyg	15	02:21	19:23:53.0	+29:40:27	300	89	3.0	#12 Symbiotic	2	
0047.BFCyg	15	02:21	19:23:53.0	+29:40:27	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
0048.BFCyg	30	02:22	19:23:53.0	+29:40:27	300	89	3.0	#12 Symbiotic	2	
0049.COMP	10	02:23	19:23:53.0	+29:40:27	300	89	3.0	#12 Symbiotic	2	
0050.MRK501	240	02:24	16:53:52.1	+39:45:36	300	89	3.0	#6 AGN Monitor	2	
0051.MRK501	240	02:29	16:53:52.1	+39:45:36	300	89	3.0	#6 AGN Monitor	2	
0052.COMP	10	02:33	16:53:52.1	+39:45:36	300	89	3.0	#6 AGN Monitor	2	
0053.cygx_fast_191	150	02:35	20:41:23.2	+41:37:54	300	89	3.0	#190 Cygnus X	2	
0054.cygx_fast_192	100	02:39	20:41:28.9	+42:43:10	300	89	3.0	#190 Cygnus X	2	
0055.cygx_fast_193	150	02:41	20:41:31.0	+41:38:41	300	89	3.0	#190 Cygnus X	2	
0056.cygx_fast_194	90	02:44	20:41:31.3	+41:36:35	300	89	3.0	#190 Cygnus X	2	
0057.cygx_fast_195	120	02:46	20:41:32.4	+42:34:21	300	89	3.0	#190 Cygnus X	2	
0058.COMP	10	02:49	20:41:32.4	+42:34:21	300	89	3.0	#190 Cygnus X	2	
0059.cygx_fast_196	150	02:50	20:41:35.5	+42:36:03	300	89	3.0	#190 Cygnus X	2	
0060.cygx_fast_197	150	02:53	20:41:36.3	+42:29:16	300	89	3.0	#190 Cygnus X	2	
0061.cygx_fast_198	150	02:56	20:41:38.0	+42:32:55	300	89	3.0	#190 Cygnus X	2	
0062.cygx_fast_199	100	03:00	20:41:39.2	+41:36:29	300	89	3.0	#190 Cygnus X	2	
0063.cygx_fast_203	100	03:02	20:41:44.4	+41:36:13	300	89	3.0	#190 Cygnus X	2	
0064.COMP	10	03:04	20:41:44.4	+41:36:13	300	89	3.0	#190 Cygnus X	2	
0065.cygx_fast_204	150	03:05	20:41:54.5	+41:41:08	300	89	3.0	#190 Cygnus X	2	
0066.cygx_fast_205	120	03:09	20:41:57.7	+43:01:58	300	89	3.0	#190 Cygnus X	2	
0067.cygx_fast_206	100	03:11	20:42:11.7	+42:09:33	300	89	3.0	#190 Cygnus X	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0068.cygx_fast_207	100	03:14	20:42:12.7	+42:12:54	300	89	3.0	#190 Cygnus X	2	
0069.cygx_fast_208	150	03:16	20:42:16.3	+41:53:07	300	89	3.0	#190 Cygnus X	2	
0070.COMP	10	03:19	20:42:16.3	+41:53:07	300	89	3.0	#190 Cygnus X	2	
0071.cygx_fast_210	100	03:21	20:42:20.2	+42:12:36	300	89	3.0	#190 Cygnus X	2	north star of close pair
0072.cygx_fast_212	180	03:23	20:42:20.3	+42:12:34	300	89	3.0	#190 Cygnus X	2	south star of close pair
0073.cygx_fast_214	120	03:27	20:42:20.7	+41:56:33	300	89	3.0	#190 Cygnus X	2	
0074.cygx_fast_217	120	03:29	20:42:22.1	+42:54:47	300	89	3.0	#190 Cygnus X	2	
0075.cygx_fast_218	120	03:32	20:42:22.8	+42:16:29	300	89	3.0	#190 Cygnus X	2	
0076.COMP	10	03:34	20:42:22.8	+42:16:29	300	89	3.0	#190 Cygnus X	2	
0077.cygx_fast_221	120	03:35	20:42:24.1	+42:05:50	300	89	3.0	#190 Cygnus X	2	
0078.cygx_fast_222	100	03:38	20:42:36.5	+42:09:03	300	89	3.0	#190 Cygnus X	2	
0079.cygx_fast_223	150	03:40	20:42:40.0	+42:10:10	300	89	3.0	#190 Cygnus X	2	
0080.cygx_fast_226	90	03:43	20:42:45.2	+42:16:56	300	89	3.0	#190 Cygnus X	2	
0081.cygx_fast_228	120	03:46	20:42:52.7	+42:12:07	300	89	3.0	#190 Cygnus X	2	
0082.COMP	10	03:49	20:42:52.7	+42:12:07	300	89	3.0	#190 Cygnus X	2	
0083.cygx_fast_230	120	03:50	20:42:53.4	+42:02:25	300	89	3.0	#190 Cygnus X	2	
0084.cygx_fast_232	120	03:53	20:42:55.1	+42:08:43	300	89	3.0	#190 Cygnus X	2	
0085.cygx_fast_233	150	03:55	20:42:56.0	+41:57:52	300	89	3.0	#190 Cygnus X	2	
0086.cygx_fast_236	120	03:58	20:43:13.6	+42:22:47	300	89	3.0	#190 Cygnus X	2	
0087.COMP	10	04:01	20:43:13.6	+42:22:47	300	89	3.0	#190 Cygnus X	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0088.IPHASB_4133	600	04:03	22:29:40.4	+58:17:21	300	89	3.0	#157 IPHAS	2	
0089.COMP	10	04:13	22:29:40.4	+58:17:21	300	89	3.0	#157 IPHAS	2	
0090.IPHASB_4134	480	04:15	22:29:49.8	+55:24:38	300	81	3.0	#157 IPHAS	2	
0091.COMP	10	04:23	22:29:49.8	+55:24:38	300	81	3.0	#157 IPHAS	2	
0092.IPHASB_4137	900	04:24	22:30:36.8	+57:30:52	300	81	3.0	#157 IPHAS	2	
0093.COMP	10	04:39	22:30:36.8	+57:30:52	300	81	3.0	#157 IPHAS	2	
0094.IPHASB_4139	600	04:41	22:30:48.2	+61:14:54	300	89	3.0	#157 IPHAS	2	
0095.COMP	10	04:51	22:30:48.2	+61:14:54	300	89	3.0	#157 IPHAS	2	
0096.IPHASB_4140	600	04:53	22:31:12.3	+55:16:43	300	89	3.0	#157 IPHAS	2	
0097.COMP	10	05:03	22:31:12.3	+55:16:43	300	89	3.0	#157 IPHAS	2	
0098.IPHASB_4144	300	05:05	22:31:56.9	+61:21:48	300	89	3.0	#157 IPHAS	2	
0099.COMP	10	05:11	22:31:56.9	+61:21:48	300	89	3.0	#157 IPHAS	2	
0100.IPHASB_4147	360	05:11	22:33:13.5	+60:53:53	300	89	3.0	#157 IPHAS	2	
0101.COMP	10	05:18	22:33:13.5	+60:53:53	300	89	3.0	#157 IPHAS	2	
0102.BDp284211	120	05:21	21:51:11.0	+28:51:50	300	89	3.0	#56 Spectropho	2	
0103.BDp284211	120	05:23	21:51:11.0	+28:51:50	300	89	3.0	#56 Spectropho	2	
0104.BDp284211	120	05:25	21:51:11.0	+28:51:50	300	89	3.0	#56 Spectropho	2	
0105.COMP	10	05:27	21:51:11.0	+28:51:50	300	89	3.0	#56 Spectropho	2	
0106.BDp174708	75	05:29	22:11:31.4	+18:05:34	300	89	3.0	#56 Spectropho	2	
0107.BDp174708	75	05:30	22:11:31.4	+18:05:34	300	89	3.0	#56 Spectropho	2	

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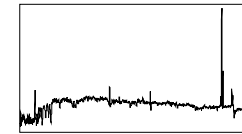
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0108.BDp174708	75	05:32	22:11:31.4	+18:05:34	300	89	3.0	#56 Spectropho	2	
0109.COMP	10	05:33	22:11:31.4	+18:05:34	300	89	3.0	#56 Spectropho	2	
0110.IPHASB_4147	360	05:35	22:33:13.5	+60:53:53	300	89	3.0	#157 IPHAS	2	
0111.COMP	10	05:41	22:33:13.5	+60:53:53	300	89	3.0	#157 IPHAS	2	
0112.IPHASB_4148	300	05:43	22:33:44.5	+58:24:38	300	89	3.0	#157 IPHAS	2	
0113.COMP	10	05:48	22:33:44.5	+58:24:38	300	89	3.0	#157 IPHAS	2	
0114.IPHASB_4149	300	05:49	22:33:44.8	+58:09:59	300	89	3.0	#157 IPHAS	2	
0115.COMP	10	05:54	22:33:44.8	+58:09:59	300	89	3.0	#157 IPHAS	2	
0116.IPHASB_4150	300	06:01	22:34:06.7	+55:37:35	300	89	3.0	#157 IPHAS	2	
0117.COMP	10	06:07	22:34:06.7	+55:37:35	300	89	3.0	#157 IPHAS	2	
0118.IPHASB_4151	660	06:08	22:34:24.6	+53:42:04	300	89	3.0	#157 IPHAS	2	
0119.COMP	10	06:19	22:34:24.6	+53:42:04	300	89	3.0	#157 IPHAS	2	
0120.IPHASB_4152	660	06:21	22:34:37.8	+57:43:19	300	81	3.0	#157 IPHAS	2	
0121.COMP	10	06:32	22:34:37.8	+57:43:19	300	81	3.0	#157 IPHAS	2	
0122.IPHASB_4153	360	06:34	22:34:51.8	+58:19:19	300	94	3.0	#157 IPHAS	2	
0123.COMP	10	06:40	22:34:51.8	+58:19:19	300	94	3.0	#157 IPHAS	2	
0124.IPHASB_4154	600	06:41	22:34:56.8	+58:25:01	300	94	3.0	#157 IPHAS	2	
0125.COMP	10	06:52	22:34:56.8	+58:25:01	300	94	3.0	#157 IPHAS	2	
0126.RAqr	5	06:56	23:43:49.0	-15:17:05	300	1	3.0	#12 Symbiotic	2	
0127.RAqr	5	06:57	23:43:49.0	-15:17:05	300	1	3.0	#12 Symbiotic	2	

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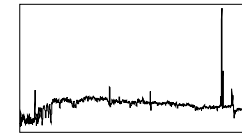
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0128.RAqr	10	06:57	23:43:49.0	-15:17:05	300	1	3.0	#12 Symbiotic	2	
0129.RAqr	10	06:58	23:43:49.0	-15:17:05	300	1	3.0	#12 Symbiotic	2	
0130.RAqr	30	06:58	23:43:49.0	-15:17:05	300	1	3.0	#12 Symbiotic	2	
0131.RAqr	30	06:59	23:43:49.0	-15:17:05	300	1	3.0	#12 Symbiotic	2	
0132.COMP	10	07:00	23:43:49.0	-15:17:05	300	1	3.0	#12 Symbiotic	2	
0133.ZAnd	5	07:03	23:33:40.0	+48:49:06	300	90	3.0	#12 Symbiotic	2	
0134.ZAnd	10	07:04	23:33:40.0	+48:49:06	300	90	3.0	#12 Symbiotic	2	
0135.ZAnd	30	07:04	23:33:40.0	+48:49:06	300	90	3.0	#12 Symbiotic	2	
0136.ZAnd	30	07:05	23:33:40.0	+48:49:06	300	90	3.0	#12 Symbiotic	2	
0137.COMP	10	07:06	23:33:40.0	+48:49:06	300	90	3.0	#12 Symbiotic	2	
0138.225m280	360	07:07	00:44:29.8	+41:21:25	300	90	3.0	#57 Velocity S	2	
0139.COMP	10	07:13	00:44:29.8	+41:21:25	300	90	3.0	#57 Velocity S	2	
0140.IPHASB_4357	360	07:15	23:18:54.3	+58:51:01	300	90	3.0	#157 IPHAS	2	id ok no em
0141.COMP	10	07:21	23:18:54.3	+58:51:01	300	90	3.0	#157 IPHAS	2	
0142.IPHASB_4355	300	07:23	23:18:19.4	+63:03:45	300	90	3.0	#157 IPHAS	2	
0143.COMP	10	07:28	23:18:19.4	+63:03:45	300	90	3.0	#157 IPHAS	2	
0144.IPHASB_4358	330	07:29	23:19:00.8	+61:08:45	300	90	3.0	#157 IPHAS	2	
0145.COMP	10	07:35	23:19:00.8	+61:08:45	300	90	3.0	#157 IPHAS	2	
0146.IPHASB_4360	300	07:36	23:19:06.0	+60:59:09	300	90	3.0	#157 IPHAS	2	
0147.COMP	10	07:41	23:19:06.0	+60:59:09	300	90	3.0	#157 IPHAS	2	

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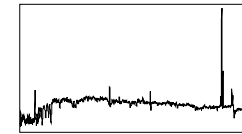
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0148.IPHASB_4361	480	07:42	23:19:09.6	+65:36:29	300	90	3.0	#157 IPHAS	2	
0149.COMP	10	07:51	23:19:09.6	+65:36:29	300	90	3.0	#157 IPHAS	2	
0150.IPHASB_4362	300	07:52	23:19:10.8	+60:09:17	300	90	3.0	#157 IPHAS	2	
0151.COMP	10	07:57	23:19:10.8	+60:09:17	300	90	3.0	#157 IPHAS	2	
0152.sn2009ig	720	08:04	02:38:11.6	-01:18:45	300	-32	3.0	#2 SN Observat	2	
0153.COMP	10	08:17	02:38:11.6	-01:18:45	300	-32	3.0	#2 SN Observat	2	
0154.COMP	10	08:21	01:30:00.0	+25:00:00	600	90	1.5	#2 SN Observat	4	
0155.test	5	08:24	01:31:29.0	+15:20:45	600	90	1.5	#57 Velocity S	4	
0156.COMP	10	08:26	01:35:14.1	+25:39:44	600	90	1.5	#178 Extremely	4	
0157.pg0132p254	900	08:27	01:35:14.1	+25:39:44	600	90	1.5	#178 Extremely	4	
0158.pg0132p254	900	08:42	01:35:14.1	+25:39:44	600	90	1.5	#178 Extremely	4	
0159.COMP	10	08:57	01:35:14.1	+25:39:44	600	90	1.5	#178 Extremely	4	
0160.pg0132p254	900	08:58	01:35:14.1	+25:39:44	600	90	1.5	#178 Extremely	4	
0161.pg0132p254	900	09:13	01:35:14.1	+25:39:44	600	90	1.5	#178 Extremely	4	
0162.COMP	10	09:28	01:35:14.1	+25:39:44	600	90	1.5	#178 Extremely	4	
0163.pg0132p254	900	09:29	01:35:14.1	+25:39:44	600	90	1.5	#178 Extremely	4	
0164.pg0132p254	900	09:44	01:35:14.1	+25:39:44	600	90	1.5	#178 Extremely	4	
0165.COMP	10	09:59	01:35:14.1	+25:39:44	600	90	1.5	#178 Extremely	4	
0166.pg0132p254	900	10:00	01:35:14.1	+25:39:44	600	90	1.5	#178 Extremely	4	
0167.pg0132p254	900	10:15	01:35:14.1	+25:39:44	600	90	1.5	#178 Extremely	4	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0168.COMP	10	10:30	01:35:14.1	+25:39:44	600	90	1.5	#178 Extremely	4	
0169.pg0132p254	900	10:31	01:35:14.1	+25:39:44	600	90	1.5	#178 Extremely	4	
0170.pg0132p254	900	10:46	01:35:14.1	+25:39:44	600	90	1.5	#178 Extremely	4	
0171.COMP	10	11:01	01:35:14.1	+25:39:44	600	90	1.5	#178 Extremely	4	
0172.pg0132p254	900	11:02	01:35:14.1	+25:39:44	600	90	1.5	#178 Extremely	4	
0173.pg0132p254	900	11:17	01:35:14.1	+25:39:44	600	90	1.5	#178 Extremely	4	
0174.COMP	10	11:32	01:35:14.1	+25:39:44	600	90	1.5	#178 Extremely	4	
0175.pg0132p254	900	11:33	01:35:14.1	+25:39:44	600	90	1.5	#178 Extremely	4	
0176.pg0132p254	900	11:48	01:35:14.1	+25:39:44	600	90	1.5	#178 Extremely	4	
0177.COMP	10	12:03	01:35:14.1	+25:39:44	600	90	1.5	#178 Extremely	4	
0178.pg0132p254	900	12:04	01:35:14.1	+25:39:44	600	90	1.5	#178 Extremely	4	
0179.COMP	10	12:19	01:35:14.1	+25:39:44	600	90	1.5	#178 Extremely	4	
0180.test	13	12:21	01:35:14.1	+25:39:44	600	90	1.5	#178 Extremely	4	
0181.test	17	12:22	01:35:14.1	+25:39:44	600	90	1.5	#178 Extremely	4	
0182.test	15	12:22	01:35:14.1	+25:39:44	600	90	1.5	#178 Extremely	4	
0183-0197.FLAT	15	12:29	01:35:14.1	+25:39:44	600	90	1.5	#178 Extremely	4	
0198-0207.BIAS	0	12:30	01:35:14.1	+25:39:44	600	90	1.5	#2 SN Observat	4	
0208.test	10	12:33	01:35:14.1	+25:39:44	300	90	3.0	#2 SN Observat	2	
0209-0213.DARK	900	13:38	01:35:14.1	+25:39:44	300	90	3.0	#2 SN Observat	2	
0214-0218.DARK	900	14:54	01:35:14.1	+25:39:44	300	90	3.0	#2 SN Observat	4	

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0001-0005.DARK	900	23:18	15:00:17.6	+31:32:39	300	90	3.0	#2 SN Observat	2	
0006-0010.DARK	900	00:35	15:00:17.6	+31:32:39	300	90	3.0	#2 SN Observat	4	
0011-0020.BIAS	0	01:00	15:00:17.6	+31:32:39	300	90	3.0	#2 SN Observat	2	
0021-0035.FLAT	7	01:06	15:00:17.6	+31:32:39	300	90	3.0	#2 SN Observat	2	
0036-0040.sky	5	01:33	18:25:00.0	+32:00:00	300	90	3.0	#57 Velocity S	2	
0041.COMP	10	01:34	18:25:00.0	+32:00:00	300	90	3.0	#57 Velocity S	2	
0042.19114557+2949467	360	02:08	19:11:45.6	+29:49:47	300	90	3.0	#141 Mapping t	2	
0043.COMP	10	02:14	19:11:45.6	+29:49:47	300	90	3.0	#141 Mapping t	2	
0044.19113425+3103033	360	02:15	19:11:34.3	+31:03:03	300	90	3.0	#141 Mapping t	2	
0045.COMP	10	02:21	19:11:34.3	+31:03:03	300	90	3.0	#141 Mapping t	2	
0046.19093026+2649173	542	02:23	19:09:30.3	+26:49:17	300	90	3.0	#141 Mapping t	2	
0047.COMP	10	02:32	19:09:30.3	+26:49:17	300	90	3.0	#141 Mapping t	2	
0048.18145602+1901499	600	02:34	18:14:56.0	+19:01:50	300	90	3.0	#141 Mapping t	2	
0049.COMP	10	02:44	18:14:56.0	+19:01:50	300	90	3.0	#141 Mapping t	2	
0050.19194625+3331258	300	02:46	19:19:46.3	+33:31:26	300	100	3.0	#141 Mapping t	2	
0051.COMP	10	02:52	19:19:46.3	+33:31:26	300	100	3.0	#141 Mapping t	2	
0052.19225159+3226319	360	02:54	19:22:51.6	+32:26:32	300	86	3.0	#141 Mapping t	2	
0053.COMP	10	03:00	19:22:51.6	+32:26:32	300	86	3.0	#141 Mapping t	2	
0054.19260797+3306307	540	03:01	19:26:08.0	+33:06:31	300	86	3.0	#141 Mapping t	2	
0055.COMP	10	03:11	19:26:08.0	+33:06:31	300	86	3.0	#141 Mapping t	2	

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0056.19223688+4513066	540	03:13	19:22:36.9	+45:13:07	300	90	3.0	#141 Mapping t	2	
0057.COMP	10	03:22	19:22:36.9	+45:13:07	300	90	3.0	#141 Mapping t	2	
0058.19224515+4414176	480	03:23	19:22:45.2	+44:14:18	300	90	3.0	#141 Mapping t	2	
0059.COMP	10	03:31	19:22:45.2	+44:14:18	300	90	3.0	#141 Mapping t	2	
0060.19261464+4351036	480	03:33	19:26:14.6	+43:51:04	300	90	3.0	#141 Mapping t	2	
0061.COMP	10	03:41	19:26:14.6	+43:51:04	300	90	3.0	#141 Mapping t	2	
0062.19264081+4123284	480	03:42	19:26:40.8	+41:23:28	300	90	3.0	#141 Mapping t	2	
0063.COMP	10	03:51	19:26:40.8	+41:23:28	300	90	3.0	#141 Mapping t	2	
0064.19271491+3952002	360	03:52	19:27:14.9	+39:52:00	300	90	3.0	#141 Mapping t	2	
0065.COMP	10	03:58	19:27:14.9	+39:52:00	300	90	3.0	#141 Mapping t	2	
0066.19284099+4323034	360	03:59	19:28:41.0	+43:23:03	300	90	3.0	#141 Mapping t	2	
0067.COMP	10	04:06	19:28:41.0	+43:23:03	300	90	3.0	#141 Mapping t	2	
0068.19292931+4608036	540	04:08	19:29:29.3	+46:08:04	300	7	3.0	#141 Mapping t	2	
0069.COMP	10	04:17	19:29:29.3	+46:08:04	300	7	3.0	#141 Mapping t	2	
0070.19294544+3613302	360	04:19	19:29:45.4	+36:13:30	300	0	3.0	#141 Mapping t	2	
0071.COMP	10	04:28	19:29:45.4	+36:13:30	300	0	3.0	#141 Mapping t	2	
0072.19331310+3348177	420	04:29	19:33:13.1	+33:48:18	300	0	3.0	#141 Mapping t	2	
0073.COMP	10	04:36	19:33:13.1	+33:48:18	300	0	3.0	#141 Mapping t	2	
0074.19432418+3956490	420	04:37	19:43:24.2	+39:56:49	300	0	3.0	#141 Mapping t	2	
0075.COMP	10	04:45	19:43:24.2	+39:56:49	300	0	3.0	#141 Mapping t	2	

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0076.19424001+4219531	360	04:46	19:42:40.0	+42:19:53	300	0	3.0	#141 Mapping t	2	
0077.COMP	10	04:52	19:42:40.0	+42:19:53	300	0	3.0	#141 Mapping t	2	
0078.19424126+4250091	360	04:53	19:42:41.3	+42:50:09	300	0	3.0	#141 Mapping t	2	
0079.COMP	10	05:00	19:42:41.3	+42:50:09	300	0	3.0	#141 Mapping t	2	
0080.19431288+4241242	360	05:01	19:43:12.9	+42:41:24	300	0	3.0	#141 Mapping t	2	
0081.COMP	10	05:07	19:43:12.9	+42:41:24	300	0	3.0	#141 Mapping t	2	
0082.BDp284211	120	05:10	21:51:11.0	+28:51:50	300	45	3.0	#56 Spectropho	2	
0083.BDp284211	120	05:12	21:51:11.0	+28:51:50	300	89	3.0	#56 Spectropho	2	
0084.BDp284211	120	05:14	21:51:11.0	+28:51:50	300	89	3.0	#56 Spectropho	2	
0085.COMP	10	05:17	21:51:11.0	+28:51:50	300	89	3.0	#56 Spectropho	2	
0086.BDp174708	60	05:19	22:11:31.4	+18:05:34	300	89	3.0	#56 Spectropho	2	
0087.BDp174708	60	05:20	22:11:31.4	+18:05:34	300	89	3.0	#56 Spectropho	2	
0088.BDp174708	60	05:21	22:11:31.4	+18:05:34	300	89	3.0	#56 Spectropho	2	
0089.COMP	10	05:22	22:11:31.4	+18:05:34	300	89	3.0	#56 Spectropho	2	
0090.BDp284211	120	05:25	21:51:11.0	+28:51:50	300	89	5.0	#56 Spectropho	2	5-sec slit
0091.BDp284211	120	05:27	21:51:11.0	+28:51:50	300	89	5.0	#56 Spectropho	2	
0092.BDp284211	120	05:30	21:51:11.0	+28:51:50	300	89	5.0	#56 Spectropho	2	
0093.COMP	5	05:33	21:51:11.0	+28:51:50	300	89	5.0	#56 Spectropho	2	
0094.BDp174708	60	05:34	22:11:31.4	+18:05:34	300	89	5.0	#56 Spectropho	2	
0095.BDp174708	60	05:35	22:11:31.4	+18:05:34	300	89	5.0	#56 Spectropho	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0096.BDp174708	60	05:37	22:11:31.4	+18:05:34	300	89	5.0	#56 Spectropho	2	
0097.COMP	5	05:39	22:11:31.4	+18:05:34	300	89	5.0	#56 Spectropho	2	
0099-0108.FLAT	4	05:43	22:11:31.4	+18:05:34	300	89	5.0	#56 Spectropho	2	
0109.IPHASB_4142	900	05:48	22:31:30.1	+59:06:22	300	89	3.0	#157 IPHAS	2	3-sec slit
0110.COMP	10	06:04	22:31:30.1	+59:06:22	300	89	3.0	#157 IPHAS	2	
0111.IPHASB_4155	900	06:06	22:34:57.0	+58:25:04	300	89	3.0	#157 IPHAS	2	
0112.COMP	10	06:22	22:34:57.0	+58:25:04	300	89	3.0	#157 IPHAS	2	
0113.IPHASB_4166	600	06:23	22:37:01.4	+57:18:48	300	89	3.0	#157 IPHAS	2	
0114.COMP	10	06:33	22:37:01.4	+57:18:48	300	89	3.0	#157 IPHAS	2	
0115.IPHASB_4162	300	06:34	22:36:12.8	+58:41:55	300	89	3.0	#157 IPHAS	2	
0116.COMP	10	06:40	22:36:12.8	+58:41:55	300	89	3.0	#157 IPHAS	2	
0117.IPHASB_4163	300	06:41	22:36:25.7	+56:03:20	300	89	3.0	#157 IPHAS	2	
0118.COMP	10	06:46	22:36:25.7	+56:03:20	300	89	3.0	#157 IPHAS	2	
0119.IPHASB_4165	300	06:47	22:36:46.3	+55:28:28	300	89	3.0	#157 IPHAS	2	
0120.COMP	10	06:52	22:36:46.3	+55:28:28	300	89	3.0	#157 IPHAS	2	
0121.IPHASB_4366	600	06:54	23:19:35.6	+64:06:10	300	89	3.0	#157 IPHAS	2	
0122.COMP	10	07:04	23:19:35.6	+64:06:10	300	89	3.0	#157 IPHAS	2	
0123.IPHASB_4368	720	07:05	23:19:47.6	+59:24:43	300	89	3.0	#157 IPHAS	2	
0124.COMP	10	07:18	23:19:47.6	+59:24:43	300	89	3.0	#157 IPHAS	2	
0125.IPHASB_4387	900	07:19	23:24:18.5	+62:02:33	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
0126.COMP	10	07:34	23:24:18.5	+62:02:33	300	89	3.0	#157 IPHAS	2	
0127.IPHASB_4388	480	07:36	23:25:36.2	+65:32:14	300	89	3.0	#157 IPHAS	2	
0128.COMP	10	07:44	23:25:36.2	+65:32:14	300	89	3.0	#157 IPHAS	2	
0129.IPHASB_4389	300	07:45	23:26:30.3	+61:24:37	300	89	3.0	#157 IPHAS	2	
0130.COMP	10	07:50	23:26:30.3	+61:24:37	300	89	3.0	#157 IPHAS	2	
0131.IPHASB_4454	420	07:51	23:49:43.1	+63:36:03	300	89	3.0	#157 IPHAS	2	
0132.COMP	10	07:59	23:49:43.1	+63:36:03	300	89	3.0	#157 IPHAS	2	
0133.IPHASB_4455	300	08:00	23:49:46.8	+62:42:37	300	89	3.0	#157 IPHAS	2	
0134.COMP	10	08:05	23:49:46.8	+62:42:37	300	89	3.0	#157 IPHAS	2	
0135.IPHASB_4456	420	08:06	23:49:49.6	+63:25:26	300	89	3.0	#157 IPHAS	2	
0136.COMP	10	08:14	23:49:49.6	+63:25:26	300	89	3.0	#157 IPHAS	2	
0137.IPHASB_4457	360	08:15	23:50:18.0	+60:42:43	300	86	3.0	#157 IPHAS	2	
0138.COMP	10	08:21	23:50:18.0	+60:42:43	300	86	3.0	#157 IPHAS	2	
0139.IPHASB_4458	360	08:23	23:50:24.7	+64:13:08	300	86	3.0	#157 IPHAS	2	
0140.COMP	10	08:29	23:50:24.7	+64:13:08	300	86	3.0	#157 IPHAS	2	
0141.IPHASB_4460	360	08:31	23:50:46.7	+62:50:07	300	86	3.0	#157 IPHAS	2	
0142.COMP	10	08:37	23:50:46.7	+62:50:07	300	86	3.0	#157 IPHAS	2	
0143.IPHASB_4461	360	08:38	23:51:19.0	+59:11:19	300	80	3.0	#157 IPHAS	2	
0144.COMP	10	08:45	23:51:19.0	+59:11:19	300	80	3.0	#157 IPHAS	2	
0145.IPHASB_4452	720	08:46	23:48:42.3	+59:26:15	300	80	3.0	#157 IPHAS	2	

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0146.COMP	10	08:58	23:48:42.3	+59:26:15	300	80	3.0	#157 IPHAS	2	
0147.sn2009iz	1800	09:01	02:42:15.4	+42:23:50	300	90	3.0	#2 SN Observat	2	
0148.COMP	10	09:31	02:42:15.4	+42:23:50	300	90	3.0	#2 SN Observat	2	
0149.sn2009ig	720	09:35	02:38:11.6	-01:18:45	300	1	3.0	#2 SN Observat	2	
0150.COMP	10	09:47	02:38:11.6	-01:18:45	300	1	3.0	#2 SN Observat	2	
0151.C031806.7+045254	900	09:49	03:18:06.7	+04:52:54	300	1	3.0	#188 Dwarf C S	2	
0152.COMP	10	10:04	03:18:06.7	+04:52:54	300	1	3.0	#188 Dwarf C S	2	
0153.C034140.7+071726	900	10:06	03:41:40.8	+07:17:26	300	1	3.0	#188 Dwarf C S	2	
0154.COMP	10	10:21	03:41:40.8	+07:17:26	300	1	3.0	#188 Dwarf C S	2	
0155.cvso-60424	300	10:22	05:16:59.4	-03:37:31	300	1	3.0	#112 Orion PMS	2	
0156.COMP	10	10:28	05:16:59.4	-03:37:31	300	1	3.0	#112 Orion PMS	2	
0157.cvso-28838W	210	10:29	05:18:46.0	+02:00:54	300	1	3.0	#112 Orion PMS	2	
0158.cvso-28838E	300	10:33	05:18:46.0	+02:00:54	300	1	3.0	#112 Orion PMS	2	
0159.COMP	10	10:38	05:18:46.0	+02:00:54	300	1	3.0	#112 Orion PMS	2	
0160.cvso-30198	300	10:39	05:19:57.2	+02:05:49	300	1	3.0	#112 Orion PMS	2	
0161.COMP	10	10:44	05:19:57.2	+02:05:49	300	1	3.0	#112 Orion PMS	2	
0162.cvso-30738	360	10:45	05:20:29.4	+02:01:26	300	1	3.0	#112 Orion PMS	2	
0163.COMP	10	10:52	05:20:29.4	+02:01:26	300	1	3.0	#112 Orion PMS	2	
0164.cvso-30935	420	10:52	05:20:40.8	+02:12:06	300	1	3.0	#112 Orion PMS	2	
0165.COMP	10	11:00	05:20:40.8	+02:12:06	300	1	3.0	#112 Orion PMS	2	

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0166.cvso-32221	240	11:01	05:21:49.9	+02:04:48	300	1	3.0	#112 Orion PMS	2	
0167.COMP	10	11:05	05:21:49.9	+02:04:48	300	1	3.0	#112 Orion PMS	2	
0169.sn2009je	1800	11:11	05:28:40.1	+22:06:46	300	1	3.0	#2 SN Observat	2	
0170.COMP	10	11:42	05:28:40.1	+22:06:46	300	1	3.0	#2 SN Observat	2	
0171.cvso-32272	420	11:43	05:21:52.4	+02:13:32	300	1	3.0	#112 Orion PMS	2	
0172.COMP	10	11:51	05:21:52.4	+02:13:32	300	1	3.0	#112 Orion PMS	2	
0173.cvso-33850	480	11:52	05:23:20.8	+02:12:53	300	1	3.0	#112 Orion PMS	2	
0174.COMP	10	12:00	05:23:20.8	+02:12:53	300	1	3.0	#112 Orion PMS	2	
0175.cvso-34091	480	12:01	05:23:33.3	+02:07:50	300	1	3.0	#112 Orion PMS	2	
0176.COMP	10	12:09	05:23:33.3	+02:07:50	300	1	3.0	#112 Orion PMS	2	
0177.BGGem	300	12:11	06:03:31.0	+27:41:50	300	90	3.0	#12 Symbiotic	2	
0178.COMP	10	12:17	06:03:31.0	+27:41:50	300	90	3.0	#12 Symbiotic	2	
0179.HD52071	5	12:18	07:00:58.2	+27:09:27	300	90	3.0	#57 Velocity S	2	
0180.HD52071	5	12:19	07:00:58.2	+27:09:27	300	90	3.0	#57 Velocity S	2	
0181.HD52071	5	12:19	07:00:58.2	+27:09:27	300	90	3.0	#57 Velocity S	2	
0182.COMP	10	12:20	07:00:58.2	+27:09:27	300	90	3.0	#57 Velocity S	2	end of FAST run
0183-0192.BIAS	0	12:26	07:00:58.2	+27:09:27	300	90	3.0	#157 IPHAS	2	
0193-0207.FLAT	7	12:32	07:00:58.2	+27:09:27	300	90	3.0	#157 IPHAS	2	