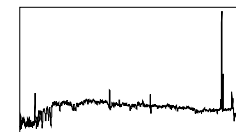
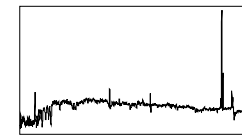
UT Date 2009-10-10 Observers M CalkinsColl. Focus 1840 Grating/Grism 300

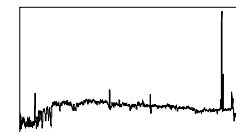
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001-0010.BIAS	0	01:29	19:12:03.6	+31:29:13	300	90	3.0	#157 IPHAS	2	
0011-0030.FLAT	10	01:36	19:12:03.6	+31:29:13	300	90	3.0	#157 IPHAS	2	
0031.TCrB	15	01:58	15:59:30.0	+25:55:12	300	90	3.0	#12 Symbiotic	2	
0032.TCrB	60	01:58	15:59:30.0	+25:55:12	300	90	3.0	#12 Symbiotic	2	
0033.COMP	10	02:01	15:59:30.0	+25:55:12	300	90	3.0	#12 Symbiotic	2	
0034.AGDra	2	02:10	16:01:41.0	+66:48:10	300	90	3.0	#12 Symbiotic	2	
0035.AGDra	15	02:11	16:01:41.0	+66:48:10	300	90	3.0	#12 Symbiotic	2	
0036.AGDra	60	02:11	16:01:41.0	+66:48:10	300	90	3.0	#12 Symbiotic	2	
0037.COMP	10	02:14	16:01:41.0	+66:48:10	300	90	3.0	#12 Symbiotic	2	
0038.DracoC1	1200	02:19	17:19:58.0	+57:50:06	300	90	3.0	#12 Symbiotic	2	
0039.COMP	10	02:40	17:19:58.0	+57:50:06	300	90	3.0	#12 Symbiotic	2	
0040.RSOph	10	02:45	17:50:13.0	-06:42:30	300	90	3.0	#12 Symbiotic	2	
0041.RSOph	60	02:46	17:50:13.0	-06:42:30	300	90	3.0	#12 Symbiotic	2	
0042.RSOph	150	02:48	17:50:13.0	-06:42:30	300	90	3.0	#12 Symbiotic	2	
0043.COMP	10	02:51	17:50:13.0	-06:42:30	300	90	3.0	#12 Symbiotic	2	
0044.YYHer	5	02:53	18:14:34.0	+20:59:19	300	90	3.0	#12 Symbiotic	2	
0045.YYHer	10	02:54	18:14:34.0	+20:59:19	300	90	3.0	#12 Symbiotic	2	
0046.YYHer	60	02:55	18:14:34.0	+20:59:19	300	90	3.0	#12 Symbiotic	2	
0047.COMP	10	02:56	18:14:34.0	+20:59:19	300	90	3.0	#12 Symbiotic	2	
0048.V443Her	5	02:58	18:22:07.0	+23:27:20	300	90	3.0	#12 Symbiotic	2	

UT Date 2009-10-10 Observers M CalkinsColl. Focus 1840 Grating/Grism 300

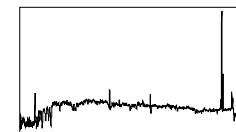
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0049.V443Her	45	02:58	18:22:07.0	+23:27:20	300	90	3.0	#12 Symbiotic	2	
0050.V443Her	90	03:00	18:22:07.0	+23:27:20	300	90	3.0	#12 Symbiotic	2	
0051.COMP	10	03:02	18:22:07.0	+23:27:20	300	90	3.0	#12 Symbiotic	2	
0052.V919Sgr	15	03:04	19:03:45.0	-16:59:56	300	90	3.0	#12 Symbiotic	2	
0053.V919Sgr	30	03:05	19:03:45.0	-16:59:56	300	90	3.0	#12 Symbiotic	2	
0054.COMP	10	03:06	19:03:45.0	-16:59:56	300	90	3.0	#12 Symbiotic	2	
0055.AS338	90	03:08	19:03:47.0	+16:26:17	300	90	3.0	#12 Symbiotic	2	
0056.AS338	600	03:10	19:03:47.0	+16:26:17	300	90	3.0	#12 Symbiotic	2	
0057.COMP	10	03:21	19:03:47.0	+16:26:17	300	90	3.0	#12 Symbiotic	2	
0058.BFCyg	15	03:23	19:23:53.0	+29:40:27	300	90	3.0	#12 Symbiotic	2	
0059.BFCyg	15	03:23	19:23:53.0	+29:40:27	300	90	3.0	#12 Symbiotic	2	
0060.COMP	10	03:25	19:23:53.0	+29:40:27	300	90	3.0	#12 Symbiotic	2	
0061.CHCyg	1	03:26	19:24:33.0	+50:14:30	300	90	3.0	#12 Symbiotic	2	
0062.CHCyg	5	03:27	19:24:33.0	+50:14:30	300	90	3.0	#12 Symbiotic	2	
0063.CHCyg	30	03:27	19:24:33.0	+50:14:30	300	90	3.0	#12 Symbiotic	2	
0064.COMP	10	03:29	19:24:33.0	+50:14:30	300	90	3.0	#12 Symbiotic	2	
0065.AS360	60	03:31	19:45:49.0	+18:36:49	300	90	3.0	#12 Symbiotic	2	
0066.AS360	300	03:33	19:45:49.0	+18:36:49	300	90	3.0	#12 Symbiotic	2	
0067.COMP	10	03:38	19:45:49.0	+18:36:49	300	90	3.0	#12 Symbiotic	2	
0068.CICyg	4	03:41	19:50:12.0	+35:41:02	300	90	3.0	#12 Symbiotic	2	

UT Date 2009-10-10 Observers M CalkinsColl. Focus 1840 Grating/Grism 300

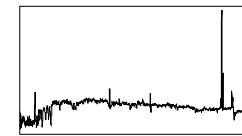
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0069.CICyg	15	03:41	19:50:12.0	+35:41:02	300	90	3.0	#12 Symbiotic	2	
0070.COMP	10	03:42	19:50:12.0	+35:41:02	300	90	3.0	#12 Symbiotic	2	
0071.PUVu1	1	03:45	20:21:13.0	+21:34:21	300	90	3.0	#12 Symbiotic	2	
0072.PUVu1	10	03:45	20:21:13.0	+21:34:21	300	90	3.0	#12 Symbiotic	2	
0073.PUVu1	60	03:47	20:21:13.0	+21:34:21	300	90	3.0	#12 Symbiotic	2	
0074.COMP	10	03:48	20:21:13.0	+21:34:21	300	90	3.0	#12 Symbiotic	2	
0075.IPHASB_2505	600	03:52	19:07:25.4	+11:51:22	300	60	3.0	#157 IPHAS	2	
0076.COMP	10	04:02	19:07:25.4	+11:51:22	300	60	3.0	#157 IPHAS	2	
0077.IPHASB_2506	1020	04:05	19:07:38.2	+09:35:33	300	90	3.0	#157 IPHAS	2	
0078.COMP	10	04:22	19:07:38.2	+09:35:33	300	90	3.0	#157 IPHAS	2	
0079.IPHASB_2508	1500	04:24	19:08:18.1	-01:29:51	300	90	3.0	#157 IPHAS	2	row=80
0080.COMP	10	04:50	19:08:18.1	-01:29:51	300	90	3.0	#157 IPHAS	2	
0081.IPHASB_2779	1200	04:52	19:42:25.3	+21:32:33	300	90	3.0	#157 IPHAS	2	
0082.COMP	10	05:13	19:42:25.3	+21:32:33	300	90	3.0	#157 IPHAS	2	
0083.BDp284211	90	05:15	21:51:11.0	+28:51:50	300	77	3.0	#56 Spectropho	2	
0084.COMP	10	05:17	21:51:11.0	+28:51:50	300	77	3.0	#56 Spectropho	2	
0085.BDp174708	25	05:19	22:11:31.4	+18:05:34	300	42	3.0	#56 Spectropho	2	
0086.COMP	10	05:20	22:11:31.4	+18:05:34	300	42	3.0	#56 Spectropho	2	
0087.sn2009jf	1500	05:26	23:04:53.0	+12:20:00	300	7	3.0	#2 SN Observat	2	
0088.COMP	10	05:52	23:04:53.0	+12:20:00	300	7	3.0	#2 SN Observat	2	

UT Date 2009-10-10 Observers M CalkinsColl. Focus 1840 Grating/Grism 300

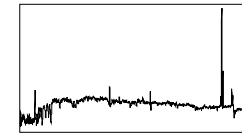
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0089.sn2009ig	1200	07:57	02:38:11.6	-01:18:45	300	-18	3.0	#2 SN Observat	2	
0090.COMP	10	08:18	02:38:11.6	-01:18:45	300	-18	3.0	#2 SN Observat	2	
0091.sn2009iz	1800	08:54	02:42:15.4	+42:23:50	300	25	3.0	#2 SN Observat	2	
0092.COMP	10	09:24	02:42:15.4	+42:23:50	300	25	3.0	#2 SN Observat	2	
0093.cvso-25742	1500	10:11	05:15:57.4	+02:09:26	300	89	3.0	#112 Orion PMS	2	
0094.COMP	10	10:38	05:15:57.4	+02:09:26	300	89	3.0	#112 Orion PMS	2	
0095.cvso-25847	600	10:39	05:16:03.3	+01:52:54	300	89	3.0	#112 Orion PMS	2	
0096.COMP	10	10:51	05:16:03.3	+01:52:54	300	89	3.0	#112 Orion PMS	2	
0097.cvso-24672	420	11:25	05:14:51.5	+01:53:32	300	89	3.0	#112 Orion PMS	2	
0098.COMP	10	11:33	05:14:51.5	+01:53:32	300	89	3.0	#112 Orion PMS	2	
0099-0108.BIAS	0	12:40	05:14:49.7	-03:38:15	300	89	3.0	#157 IPHAS	2	
0109-0128.FLAT	10	12:59	05:14:49.7	-03:38:15	300	89	3.0	#157 IPHAS	2	
0129-0148.DARK	900	17:53	05:14:49.7	-03:38:15	300	89	3.0	#157 IPHAS	2	

UT Date 2009-10-11 Observers M CalkinsColl. Focus 1820 Grating/Grism 300

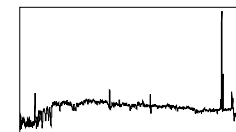
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001-0008.DARK	900	01:12	05:14:49.7	-03:38:15	300	89	3.0	#157 IPHAS	2	
0009-0018.BIAS	0	01:32	05:14:49.7	-03:38:15	300	89	3.0	#157 IPHAS	2	
0019-0038.FLAT	7	01:41	05:14:49.7	-03:38:15	300	89	3.0	#157 IPHAS	2	
0039.AS289	30	02:00	18:12:22.0	-11:40:08	300	89	3.0	#12 Symbiotic	2	
0040.COMP	10	02:02	18:12:22.0	-11:40:08	300	89	3.0	#12 Symbiotic	2	
0041.BLLac	180	02:23	22:02:43.3	+42:16:40	300	89	3.0	#6 AGN Monitor	2	
0042.COMP	10	02:29	22:02:43.3	+42:16:40	300	89	3.0	#6 AGN Monitor	2	
0043.19203001-0100461	480	02:41	19:20:30.0	-01:00:46	300	89	3.0	#141 Mapping t	2	
0044.COMP	10	02:50	19:20:30.0	-01:00:46	300	89	3.0	#141 Mapping t	2	
0045.19212292+0250340	720	02:53	19:21:22.9	+02:50:34	300	89	3.0	#141 Mapping t	2	row=78
0046.COMP	10	03:05	19:21:22.9	+02:50:34	300	89	3.0	#141 Mapping t	2	
0047.sn2009jp	1500	03:46	23:17:42.7	+13:57:25	300	110	3.0	#2 SN Observat	2	
0048.COMP	10	04:11	23:17:42.7	+13:57:25	300	110	3.0	#2 SN Observat	2	
0049.20040188+1917170	1200	04:15	20:04:01.9	+19:17:17	300	91	3.0	#141 Mapping t	2	row=81
0050.COMP	10	04:42	20:04:01.9	+19:17:17	300	91	3.0	#141 Mapping t	2	
0051.20043361+7137067	600	04:45	20:04:33.6	+71:37:07	300	91	3.0	#141 Mapping t	2	
0052.COMP	10	04:56	20:04:33.6	+71:37:07	300	91	3.0	#141 Mapping t	2	
0053.20110682+5059549	660	04:58	20:11:06.8	+50:59:55	300	91	3.0	#141 Mapping t	2	row=84
0054.COMP	10	05:10	20:11:06.8	+50:59:55	300	91	3.0	#141 Mapping t	2	
0055.20102626+1238448	360	05:12	20:10:26.3	+12:38:45	300	91	3.0	#141 Mapping t	2	

UT Date 2009-10-11 Observers M CalkinsColl. Focus 1820 Grating/Grism 300

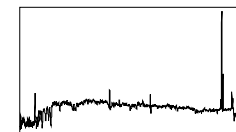
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0056.COMP	10	05:19	20:10:26.3	+12:38:45	300	91	3.0	#141 Mapping t	2	
0057.20483814+3151438	420	05:21	20:48:38.1	+31:51:44	300	91	3.0	#141 Mapping t	2	
0058.COMP	10	05:28	20:48:38.1	+31:51:44	300	91	3.0	#141 Mapping t	2	
0059.20492567+3320577	240	05:31	20:49:25.7	+33:20:58	300	60	3.0	#141 Mapping t	2	row=81, need more cnts.
0060.COMP	10	05:36	20:49:25.7	+33:20:58	300	60	3.0	#141 Mapping t	2	
0061.23020149+5208554	300	07:12	23:02:01.5	+52:08:55	300	90	3.0	#141 Mapping t	2	
0062.COMP	10	07:18	23:02:01.5	+52:08:55	300	90	3.0	#141 Mapping t	2	
0063.BDp284211	180	07:28	21:51:11.0	+28:51:50	300	74	3.0	#56 Spectropho	2	
0064.COMP	10	07:31	21:51:11.0	+28:51:50	300	74	3.0	#56 Spectropho	2	
0065.BDp174708	30	07:34	22:11:31.4	+18:05:34	300	64	3.0	#56 Spectropho	2	
0066.COMP	10	07:35	22:11:31.4	+18:05:34	300	64	3.0	#56 Spectropho	2	
0067.BDp174708	70	07:36	22:11:31.4	+18:05:34	300	64	3.0	#56 Spectropho	2	
0068.COMP	10	07:37	22:11:31.4	+18:05:34	300	64	3.0	#56 Spectropho	2	
0069.00002210+5317406	1500	07:46	00:00:22.1	+53:17:41	300	89	3.0	#141 Mapping t	2	
0070.COMP	10	08:11	00:00:22.1	+53:17:41	300	89	3.0	#141 Mapping t	2	
0071.00024889+5353139	720	10:17	00:02:48.9	+53:53:14	300	89	3.0	#141 Mapping t	2	
0072.COMP	10	10:32	00:02:48.9	+53:53:14	300	89	3.0	#141 Mapping t	2	
0073.03260903+1237232	480	10:36	03:26:09.0	+12:37:23	300	89	3.0	#141 Mapping t	2	
0074.COMP	10	10:45	03:26:09.0	+12:37:23	300	89	3.0	#141 Mapping t	2	
0075.sn2009jq	1800	11:00	02:27:39.8	+36:09:29	300	47	3.0	#2 SN Observat	2	row=85

UT Date 2009-10-11 Observers M CalkinsColl. Focus 1820 Grating/Grism 300

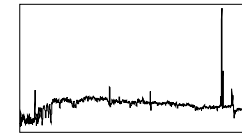
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0076.COMP	10	11:31	02:27:39.8	+36:09:29	300	47	3.0	#2 SN Observat	2	
0077.03274609+3115272	1200	11:35	03:27:46.1	+31:15:27	300	81	3.0	#141 Mapping t	2	
0078.COMP	10	11:56	03:27:46.1	+31:15:27	300	81	3.0	#141 Mapping t	2	
0079.BIAS	0	11:57	03:27:46.1	+31:15:27	300	81	3.0	#157 IPHAS	2	
0080.03282274+4725160	1020	12:01	03:28:22.7	+47:25:16	300	89	3.0	#141 Mapping t	2	row=83
0081.COMP	10	12:19	03:28:22.7	+47:25:16	300	89	3.0	#141 Mapping t	2	
0082.03284195+4520340	540	12:21	03:28:42.0	+45:20:34	300	89	3.0	#141 Mapping t	2	row=85
0083.COMP	10	12:30	03:28:42.0	+45:20:34	300	89	3.0	#141 Mapping t	2	
0084.NGC1700	240	12:32	04:56:56.3	-04:51:57	300	89	3.0	#57 Velocity S	2	
0085.COMP	10	12:38	04:56:56.3	-04:51:57	300	89	3.0	#57 Velocity S	2	
0086.Hiltner600	60	12:41	06:45:13.4	+02:08:15	300	89	3.0	#56 Spectropho	2	
0087.COMP	10	12:44	06:45:13.4	+02:08:15	300	89	3.0	#56 Spectropho	2	
0088-0097.BIAS	0	12:49	06:45:13.4	+02:08:15	300	89	3.0	#157 IPHAS	2	
0098-0117.FLAT	7	13:02	06:45:13.4	+02:08:15	300	89	3.0	#157 IPHAS	2	
0118-0127.DARK	900	15:24	06:45:13.4	+02:08:15	300	89	3.0	#157 IPHAS	2	

UT Date 2009-10-12 Observers A VazColl. Focus 1820 Grating/Grism 300

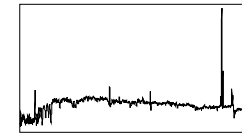
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001-0010.BIAS	0	23:31	17:00:38.8	+31:31:09	300	89	3.0	#157 IPHAS	4	
0011-0020.FLAT	4	23:33	17:00:38.8	+31:31:09	300	89	3.0	#157 IPHAS	4	
0021-0030.BIAS	0	23:35	17:00:38.8	+31:31:09	300	89	3.0	#157 IPHAS	2	
0031-0045.FLAT	7	23:40	17:00:38.8	+31:31:09	300	89	3.0	#157 IPHAS	2	
0046-0050.DARK	900	00:42	17:00:38.8	+31:31:09	300	89	3.0	#157 IPHAS	2	
0051.COMP	10	01:13	17:00:38.8	+31:31:09	300	89	3.0	#157 IPHAS	2	
0052.J202326.50+393254.8	300	02:04	20:23:26.4	+39:32:55	300	89	3.0	#190 Cygnus X	2	
0053.COMP	10	02:10	20:23:26.4	+39:32:55	300	89	3.0	#190 Cygnus X	2	
0054.J202347.47+390612.8	180	02:15	20:23:47.4	+39:06:13	300	89	3.0	#190 Cygnus X	2	
0055.COMP	10	02:18	20:23:47.4	+39:06:13	300	89	3.0	#190 Cygnus X	2	
0056.J202347.47+390612.8	120	02:20	20:23:47.4	+39:06:13	300	89	3.0	#190 Cygnus X	2	better positioning
0057.COMP	10	02:22	20:23:47.4	+39:06:13	300	89	3.0	#190 Cygnus X	2	
0058.J202429.12+390227.1	360	02:24	20:24:29.1	+39:02:27	300	89	3.0	#190 Cygnus X	2	underexposed-clouds
0059.COMP	10	02:31	20:24:29.1	+39:02:27	300	89	3.0	#190 Cygnus X	2	
0060.J202429.12+390227.1	720	02:33	20:24:29.1	+39:02:27	300	89	3.0	#190 Cygnus X	2	
0061.COMP	10	02:46	20:24:29.1	+39:02:27	300	89	3.0	#190 Cygnus X	2	
0062.J202710.23+385401.5	60	02:49	20:27:10.2	+38:54:02	300	89	3.0	#190 Cygnus X	2	
0063.COMP	10	02:50	20:27:10.2	+38:54:02	300	89	3.0	#190 Cygnus X	2	
0064.J202224.38+385234.4	60	02:52	20:22:24.3	+38:52:35	300	89	3.0	#190 Cygnus X	2	
0065.COMP	10	02:53	20:22:24.3	+38:52:35	300	89	3.0	#190 Cygnus X	2	

UT Date 2009-10-12 Observers A VazColl. Focus 1820 Grating/Grism 300

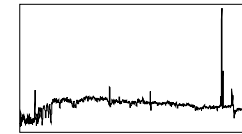
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0066.J202225.76+384645.7	120	02:55	20:22:25.7	+38:46:46	300	89	3.0	#190 Cygnus X	2	
0067.COMP	10	02:57	20:22:25.7	+38:46:46	300	89	3.0	#190 Cygnus X	2	
0068.J202225.76+384645.7	720	03:10	20:22:25.7	+38:46:46	300	89	3.0	#190 Cygnus X	2	
0069.COMP	10	03:22	20:22:25.7	+38:46:46	300	89	3.0	#190 Cygnus X	2	
0070.J202522.38+384725.5	120	04:23	20:25:22.4	+38:47:26	300	89	3.0	#190 Cygnus X	2	
0071.COMP	10	04:25	20:25:22.4	+38:47:26	300	89	3.0	#190 Cygnus X	2	
0072.BDp174708	60	04:28	22:11:31.4	+18:05:34	300	89	3.0	#56 Spectropho	2	
0073.COMP	10	04:29	22:11:31.4	+18:05:34	300	89	3.0	#56 Spectropho	2	
0074.BDp174708	75	04:30	22:11:31.4	+18:05:34	300	89	3.0	#56 Spectropho	2	
0075.BDp174708	75	04:32	22:11:31.4	+18:05:34	300	89	3.0	#56 Spectropho	2	
0076.COMP	10	04:33	22:11:31.4	+18:05:34	300	89	3.0	#56 Spectropho	2	
0077.BDp284211	120	04:35	21:51:11.0	+28:51:50	300	89	3.0	#56 Spectropho	2	
0078.BDp284211	120	04:38	21:51:11.0	+28:51:50	300	89	3.0	#56 Spectropho	2	
0079.COMP	10	04:40	21:51:11.0	+28:51:50	300	89	3.0	#56 Spectropho	2	
0080.IPHASB_3745	840	04:52	21:38:08.0	+49:46:45	300	89	3.0	#157 IPHAS	2	
0081.COMP	10	05:06	21:38:08.0	+49:46:45	300	89	3.0	#157 IPHAS	2	
0082.IPHASB_3749	900	05:13	21:38:28.3	+53:02:09	300	89	3.0	#157 IPHAS	2	
0083.COMP	10	05:28	21:38:28.3	+53:02:09	300	89	3.0	#157 IPHAS	2	
0084.sn2009jp	1800	05:32	23:17:42.7	+13:57:25	300	89	3.0	#2 SN Observat	2	
0085.COMP	10	06:03	23:17:42.7	+13:57:25	300	89	3.0	#2 SN Observat	2	

UT Date 2009-10-12 Observers A VazColl. Focus 1820 Grating/Grism 300

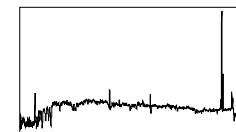
<i>File</i>	<i>Exp Time</i>	<i>UT Start</i>	<i>RA</i>	<i>Dec</i>	<i>Gr.</i>	<i>P.A.</i>	<i>Slit</i>	<i>Program</i>	<i>Bin</i>	<i>Comments</i>
0086-0095.BIAS	0	10:06	23:04:53.0	+12:20:00	300	90	3.0	#190 Cygnus X	2	
0096-0105.FLAT	7	10:12	23:04:53.0	+12:20:00	300	90	3.0	#190 Cygnus X	2	
0106-0110.DARK	900	11:19	23:04:53.0	+12:20:00	300	90	3.0	#190 Cygnus X	2	

UT Date 2009-10-13 Observers A VazColl. Focus 1820 Grating/Grism 300

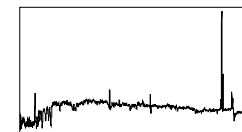
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001-0010.BIAS	0	22:27	23:04:53.0	+12:20:00	300	90	3.0	#190 Cygnus X	2	
0011-0030.FLAT	7	22:35	23:04:53.0	+12:20:00	300	90	3.0	#190 Cygnus X	2	
0031-0035.DARK	900	23:49	23:04:53.0	+12:20:00	300	90	3.0	#190 Cygnus X	2	
0036.COMP	10	00:43	23:04:53.0	+12:20:00	300	90	3.0	#190 Cygnus X	2	
0037.sn2009jr	1200	02:02	20:26:26.0	+02:54:31	300	-3	3.0	#2 SN Observat	2	
0038.COMP	10	02:22	20:26:26.0	+02:54:31	300	-3	3.0	#2 SN Observat	2	
0039.J202548.66+393846.7	480	02:27	20:25:48.7	+39:38:47	300	90	3.0	#190 Cygnus X	2	
0040.COMP	10	02:36	20:25:48.7	+39:38:47	300	90	3.0	#190 Cygnus X	2	
0041.J202723.88+392224.1	360	02:43	20:27:23.8	+39:22:24	300	90	3.0	#190 Cygnus X	2	
0042.COMP	10	02:49	20:27:23.8	+39:22:24	300	90	3.0	#190 Cygnus X	2	
0043.J202738.17+390058.0	300	02:50	20:27:38.2	+39:00:59	300	90	3.0	#190 Cygnus X	2	
0044.COMP	10	02:56	20:27:38.2	+39:00:59	300	90	3.0	#190 Cygnus X	2	
0045.J202232.37+385301.1	300	02:57	20:22:32.3	+38:53:01	300	90	3.0	#190 Cygnus X	2	
0046.COMP	10	03:03	20:22:32.3	+38:53:01	300	90	3.0	#190 Cygnus X	2	
0047.J202231.66+385308.7	480	03:08	20:22:31.6	+38:53:08	300	90	3.0	#190 Cygnus X	2	cloudy
0048.COMP	10	03:16	20:22:31.6	+38:53:08	300	90	3.0	#190 Cygnus X	2	
0049.J202231.66+385308.7	480	03:19	20:22:31.6	+38:53:08	300	90	3.0	#190 Cygnus X	2	
0050.COMP	10	03:27	20:22:31.6	+38:53:08	300	90	3.0	#190 Cygnus X	2	
0051-0060.BIAS	0	09:30	20:22:31.6	+38:53:08	300	90	3.0	#190 Cygnus X	2	
0061-0075.FLAT	7	09:35	20:22:31.6	+38:53:08	300	90	3.0	#190 Cygnus X	2	

UT Date 2009-10-13 Observers A VazColl. Focus 1820 Grating/Grism 300

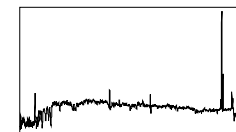
<i>File</i>	<i>Exp Time</i>	<i>UT Start</i>	<i>RA</i>	<i>Dec</i>	<i>Gr.</i>	<i>P.A.</i>	<i>Slit</i>	<i>Program</i>	<i>Bin</i>	<i>Comments</i>
0076-0080.DARK	900	10:40	20:22:31.6	+38:53:08	300	90	3.0	#190 Cygnus X	2	

UT Date 2009-10-14 Observers A VazColl. Focus 1820 Grating/Grism 300

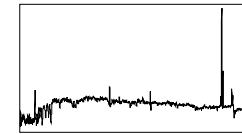
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001-0011.BIAS	0	22:49	20:22:31.6	+38:53:08	300	90	3.0	#190 Cygnus X	2	
0012-0026.FLAT	7	22:54	20:22:31.6	+38:53:08	300	90	3.0	#190 Cygnus X	2	
0027-0031.DARK	900	23:58	20:22:31.6	+38:53:08	300	90	3.0	#190 Cygnus X	2	
0032.COMP	10	01:29	20:22:31.6	+38:53:08	300	90	3.0	#190 Cygnus X	2	
0033.HD165459	5	01:49	18:02:30.7	+58:37:38	300	-49	3.0	Spectrophotome	2	
0034.HD165459	3	01:49	18:02:30.7	+58:37:38	300	-49	3.0	Spectrophotome	2	
0035.HD165459	3	01:50	18:02:30.7	+58:37:38	300	-49	3.0	Spectrophotome	2	
0036.HD165459	3	01:50	18:02:30.7	+58:37:38	300	-49	3.0	Spectrophotome	2	
0037.HD165459	5	01:50	18:02:30.7	+58:37:38	300	-49	3.0	Spectrophotome	2	
0038.HD165459	5	01:51	18:02:30.7	+58:37:38	300	-49	3.0	Spectrophotome	2	
0039.COMP	10	01:56	18:02:30.7	+58:37:38	300	-49	3.0	Spectrophotome	2	
0040.BD174708	45	02:00	22:11:30.8	+18:05:33	300	-56	3.0	Spectrophotome	2	
0041.BD174708	45	02:01	22:11:30.8	+18:05:33	300	-56	3.0	Spectrophotome	2	
0042.BD174708	45	02:02	22:11:30.8	+18:05:33	300	-56	3.0	Spectrophotome	2	
0043.COMP	10	02:03	22:11:30.8	+18:05:33	300	-56	3.0	Spectrophotome	2	
0044.IPHASB_2512	1200	02:12	19:08:42.4	+12:30:48	300	83	3.0	#157 IPHAS	2	slit at 83
0045.COMP	10	02:32	19:08:42.4	+12:30:48	300	83	3.0	#157 IPHAS	2	
0046.IPHASB_2512	1200	02:33	19:08:42.4	+12:30:48	300	83	3.0	#157 IPHAS	2	second exposure - red object, slit at 83
0047.COMP	10	02:54	19:08:42.4	+12:30:48	300	83	3.0	#157 IPHAS	2	
0048.IPHASB_2537	600	02:57	19:13:35.7	+02:39:38	300	83	3.0	#157 IPHAS	2	slit at 83

UT Date 2009-10-14 Observers A VazColl. Focus 1820 Grating/Grism 300

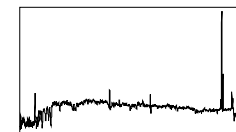
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0049.COMP	10	03:08	19:13:35.7	+02:39:38	300	83	3.0	#157 IPHAS	2	
0050.IPHASB_2538	720	03:15	19:13:36.4	+01:38:29	300	90	3.0	#157 IPHAS	2	slit fixed to 90
0051.COMP	10	03:28	19:13:36.4	+01:38:29	300	90	3.0	#157 IPHAS	2	
0052.IPHASB_3005	720	03:30	19:58:55.9	+30:50:46	300	90	3.0	#157 IPHAS	2	
0053.COMP	10	03:43	19:58:55.9	+30:50:46	300	90	3.0	#157 IPHAS	2	
0054.IPHASB_3006	1200	03:45	19:59:04.3	+30:41:19	300	90	3.0	#157 IPHAS	2	
0055.COMP	10	04:06	19:59:04.3	+30:41:19	300	90	3.0	#157 IPHAS	2	
0056.IPHASB_3009	600	04:08	19:59:11.6	+32:27:26	300	90	3.0	#157 IPHAS	2	
0057.COMP	10	04:18	19:59:11.6	+32:27:26	300	90	3.0	#157 IPHAS	2	
0058.IPHASB_3012	720	04:20	19:59:16.8	+33:37:13	300	90	3.0	#157 IPHAS	2	
0059.COMP	10	04:32	19:59:16.8	+33:37:13	300	90	3.0	#157 IPHAS	2	
0060.BDp174708	45	04:34	22:11:31.4	+18:05:34	300	90	3.0	#56 Spectropho	2	
0061.BDp174708	45	04:35	22:11:31.4	+18:05:34	300	90	3.0	#56 Spectropho	2	
0062.BDp174708	45	04:36	22:11:31.4	+18:05:34	300	90	3.0	#56 Spectropho	2	
0063.COMP	10	04:37	22:11:31.4	+18:05:34	300	90	3.0	#56 Spectropho	2	
0064.BDp284211	120	04:38	21:51:11.0	+28:51:50	300	90	3.0	#56 Spectropho	2	
0065.BDp284211	120	04:40	21:51:11.0	+28:51:50	300	90	3.0	#56 Spectropho	2	
0066.COMP	10	04:43	21:51:11.0	+28:51:50	300	90	3.0	#56 Spectropho	2	
0067.225m280	240	04:46	00:44:29.8	+41:21:25	300	90	3.0	#57 Velocity S	2	
0068.COMP	10	04:51	00:44:29.8	+41:21:25	300	90	3.0	#57 Velocity S	2	

UT Date 2009-10-14 Observers A VazColl. Focus 1820 Grating/Grism 300

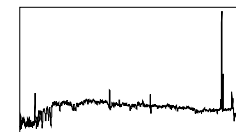
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0069.ZAnd	1	04:53	23:33:40.0	+48:49:06	300	90	3.0	#12 Symbiotic	2	
0070.ZAnd	5	04:53	23:33:40.0	+48:49:06	300	90	3.0	#12 Symbiotic	2	
0071.ZAnd	30	04:53	23:33:40.0	+48:49:06	300	90	3.0	#12 Symbiotic	2	
0072.COMP	10	04:54	23:33:40.0	+48:49:06	300	90	3.0	#12 Symbiotic	2	
0073.sn2009jf	1500	04:57	23:04:53.0	+12:20:00	300	90	3.0	#2 SN Observat	2	
0074.COMP	10	05:22	23:04:53.0	+12:20:00	300	90	3.0	#2 SN Observat	2	
0075.IPHASB_3896	600	05:26	22:01:17.2	+54:14:51	300	90	3.0	#157 IPHAS	2	
0076.COMP	10	05:37	22:01:17.2	+54:14:51	300	90	3.0	#157 IPHAS	2	
0077.IPHASB_3897	1200	05:40	22:01:17.7	+57:48:30	300	90	3.0	#157 IPHAS	2	
0078.COMP	10	06:00	22:01:17.7	+57:48:30	300	90	3.0	#157 IPHAS	2	
0079.IPHASB_3897	1200	06:02	22:01:17.7	+57:48:30	300	90	3.0	#157 IPHAS	2	
0080.COMP	10	06:22	22:01:17.7	+57:48:30	300	90	3.0	#157 IPHAS	2	
0081.IPHASB_3899	1200	06:26	22:01:51.2	+59:29:01	300	90	3.0	#157 IPHAS	2	
0082.COMP	10	06:47	22:01:51.2	+59:29:01	300	90	3.0	#157 IPHAS	2	
0083.IPHASB_3902	600	06:50	22:02:15.5	+52:46:54	300	90	3.0	#157 IPHAS	2	
0084.COMP	10	07:01	22:02:15.5	+52:46:54	300	90	3.0	#157 IPHAS	2	
0085.sn2009ig	600	07:07	02:38:11.6	-01:18:45	300	-25	3.0	#2 SN Observat	2	
0086.COMP	10	07:18	02:38:11.6	-01:18:45	300	-25	3.0	#2 SN Observat	2	
0087.IPHASB_4342	600	07:28	23:15:29.1	+62:17:33	300	90	3.0	#157 IPHAS	2	
0088.COMP	10	07:39	23:15:29.1	+62:17:33	300	90	3.0	#157 IPHAS	2	

UT Date 2009-10-14 Observers A VazColl. Focus 1820 Grating/Grism 300

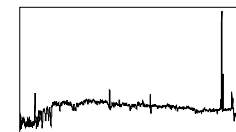
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0089.IPHASB_4358	600	07:41	23:19:00.8	+61:08:45	300	90	3.0	#157 IPHAS	2	
0090.COMP	10	07:52	23:19:00.8	+61:08:45	300	90	3.0	#157 IPHAS	2	
0091.IPHASB_4360	600	07:53	23:19:06.0	+60:59:09	300	90	3.0	#157 IPHAS	2	
0092.COMP	10	08:04	23:19:06.0	+60:59:09	300	90	3.0	#157 IPHAS	2	
0093.IPHASB_4361	720	08:06	23:19:09.6	+65:36:29	300	90	3.0	#157 IPHAS	2	
0094.COMP	10	08:18	23:19:09.6	+65:36:29	300	90	3.0	#157 IPHAS	2	
0095.IPHASB_4362	600	08:21	23:19:10.8	+60:09:17	300	90	3.0	#157 IPHAS	2	
0096.COMP	10	08:31	23:19:10.8	+60:09:17	300	90	3.0	#157 IPHAS	2	
0097.02463432+4841013	600	08:39	02:46:34.3	+48:41:01	300	90	3.0	#141 Mapping t	2	
0098.COMP	10	08:50	02:46:34.3	+48:41:01	300	90	3.0	#141 Mapping t	2	
0099-0108.BIAS	0	11:24	02:46:34.3	+48:41:01	300	90	3.0	#190 Cygnus X	2	
0109-0123.FLAT	7	11:29	02:46:34.3	+48:41:01	300	90	3.0	#190 Cygnus X	2	
0124-0128.DARK	900	12:32	02:46:34.3	+48:41:01	300	90	3.0	#190 Cygnus X	2	

UT Date 2009-10-15 Observers A VazColl. Focus 1820 Grating/Grism 300

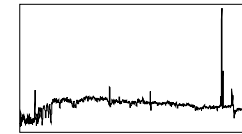
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001-0002.FLAT	10	00:46	16:31:22.5	+31:31:35	300	90	3.0	#190 Cygnus X	2	
0003.FLAT	100	00:47	16:31:22.5	+31:31:35	300	90	3.0	#190 Cygnus X	2	
0004.FLAT	180	00:49	16:31:22.5	+31:31:35	300	90	3.0	#190 Cygnus X	4	
0005-0007.FLAT	600	01:14	16:31:22.5	+31:31:35	300	90	3.0	#190 Cygnus X	4	
0008.LED	10	02:02	16:31:22.5	+31:31:35	300	90	3.0	#190 Cygnus X	4	
0009.COMP	600	02:05	16:31:22.5	+31:31:35	300	90	3.0	#190 Cygnus X	4	
0010.LAMP	30	02:29	16:31:22.5	+31:31:35	300	90	3.0	#190 Cygnus X	4	
0011.LAMP	15	02:31	16:31:22.5	+31:31:35	300	90	3.0	#190 Cygnus X	4	
0012.LAMP	15	02:32	16:31:22.5	+31:31:35	300	90	3.0	#190 Cygnus X	4	
0013.LAMP	15	02:33	16:31:22.5	+31:31:35	300	90	3.0	#190 Cygnus X	4	
0014.LAMP	15	02:33	16:31:22.5	+31:31:35	300	90	3.0	#190 Cygnus X	4	
0015.LAMP	15	02:34	16:31:22.5	+31:31:35	300	90	3.0	#190 Cygnus X	4	
0016.LAMP	15	02:34	16:31:22.5	+31:31:35	300	90	3.0	#190 Cygnus X	4	
0017.LAMP	15	02:34	16:31:22.5	+31:31:35	300	90	3.0	#190 Cygnus X	4	
0018.LAMP	15	02:35	16:31:22.5	+31:31:35	300	90	3.0	#190 Cygnus X	4	
0019.LAMP	15	02:35	16:31:22.5	+31:31:35	300	90	3.0	#190 Cygnus X	4	
0020.LAMP	15	02:36	16:31:22.5	+31:31:35	300	90	3.0	#190 Cygnus X	4	
0021.LAMP	15	02:36	16:31:22.5	+31:31:35	300	90	3.0	#190 Cygnus X	4	
0022.COMP	600	02:37	16:31:22.5	+31:31:35	300	90	3.0	#190 Cygnus X	4	
0023.LAMP	15	02:48	16:31:22.5	+31:31:35	300	90	3.0	#190 Cygnus X	4	

UT Date 2009-10-15 Observers A VazColl. Focus 1820 Grating/Grism 300

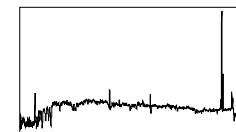
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0024.LAMP	15	02:48	16:31:22.5	+31:31:35	300	90	3.0	#190 Cygnus X	4	
0025.LAMP	15	02:48	16:31:22.5	+31:31:35	300	90	3.0	#190 Cygnus X	4	
0026.LAMP	15	02:49	16:31:22.5	+31:31:35	300	90	3.0	#190 Cygnus X	4	
0027.LAMP	15	02:49	16:31:22.5	+31:31:35	300	90	3.0	#190 Cygnus X	4	
0028.LAMP	15	02:49	16:31:22.5	+31:31:35	300	90	3.0	#190 Cygnus X	4	
0029.LAMP	15	02:50	16:31:22.5	+31:31:35	300	90	3.0	#190 Cygnus X	4	
0030.LAMP	15	02:50	16:31:22.5	+31:31:35	300	90	3.0	#190 Cygnus X	4	
0031.LAMP	15	02:51	16:31:22.5	+31:31:35	300	90	3.0	#190 Cygnus X	4	
0032.LAMP	15	02:51	16:31:22.5	+31:31:35	300	90	3.0	#190 Cygnus X	4	
0033.Vega	15	03:28	18:36:56.3	+38:47:01	300	90	3.0	Spectrophotome	4	
0034.Vega	8	03:29	18:36:56.3	+38:47:01	300	90	3.0	Spectrophotome	4	
0035.Vega	10	03:30	18:36:56.3	+38:47:01	300	90	3.0	Spectrophotome	4	
0036.Vega	10	03:30	18:36:56.3	+38:47:01	300	90	3.0	Spectrophotome	4	
0037.Vega	10	03:31	18:36:56.3	+38:47:01	300	90	3.0	Spectrophotome	4	
0038.HD165459	30	03:55	18:02:30.7	+58:37:38	300	90	3.0	Spectrophotome	4	
0039.HD165459	300	03:57	18:02:30.7	+58:37:38	300	90	3.0	Spectrophotome	4	
0040.BD174708	60	04:05	22:11:30.8	+18:05:33	300	90	3.0	Spectrophotome	4	
0041.BD174708	600	04:06	22:11:30.8	+18:05:33	300	90	3.0	Spectrophotome	4	
0042.COMP	600	04:17	22:11:30.8	+18:05:33	300	90	3.0	Spectrophotome	4	
0043-0052.BIAS	0	04:29	22:11:30.8	+18:05:33	300	90	3.0	#190 Cygnus X	4	

UT Date 2009-10-15 Observers A VazColl. Focus 1820 Grating/Grism 300

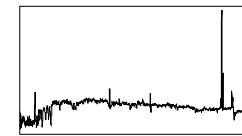
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0054.BIAS	0	04:47	22:11:30.8	+18:05:33	300	90	3.0	#190 Cygnus X	2	
0055-0070.FLAT	7	04:53	22:11:30.8	+18:05:33	300	90	3.0	#190 Cygnus X	2	
0071.BDp174708	45	04:58	22:11:31.4	+18:05:34	300	90	3.0	#56 Spectropho	2	
0072.BDp174708	45	04:59	22:11:31.4	+18:05:34	300	90	3.0	#56 Spectropho	2	
0073.BDp174708	45	05:00	22:11:31.4	+18:05:34	300	90	3.0	#56 Spectropho	2	
0074.BDp284211	120	05:05	21:51:11.0	+28:51:50	300	90	3.0	#56 Spectropho	2	
0075.BDp284211	120	05:07	21:51:11.0	+28:51:50	300	90	3.0	#56 Spectropho	2	
0076.COMP	10	05:15	21:51:11.0	+28:51:50	300	90	3.0	#56 Spectropho	2	
0077.BDp174708	45	05:19	22:11:31.4	+18:05:34	300	90	3.0	#56 Spectropho	2	
0078.BDp174708	45	05:20	22:11:31.4	+18:05:34	300	90	3.0	#56 Spectropho	2	
0079.BDp174708	45	05:21	22:11:31.4	+18:05:34	300	90	3.0	#56 Spectropho	2	
0080.COMP	10	05:22	22:11:31.4	+18:05:34	300	90	3.0	#56 Spectropho	2	
0081.IPHASB_4420	600	05:39	23:36:50.8	+58:57:39	300	90	3.0	#157 IPHAS	2	
0082.COMP	10	05:51	23:36:50.8	+58:57:39	300	90	3.0	#157 IPHAS	2	
0083.IPHASB_4490	1200	06:00	23:58:40.4	+64:13:32	300	90	3.0	#157 IPHAS	2	
0084.COMP	10	06:21	23:58:40.4	+64:13:32	300	90	3.0	#157 IPHAS	2	
0085.00450137+5521179	300	06:33	00:45:01.4	+55:21:18	300	90	3.0	#141 Mapping t	2	
0086.COMP	10	06:39	00:45:01.4	+55:21:18	300	90	3.0	#141 Mapping t	2	
0087.00473049+7050431	600	06:51	00:47:30.5	+70:50:43	300	90	3.0	#141 Mapping t	2	
0088.COMP	10	07:05	00:47:30.5	+70:50:43	300	90	3.0	#141 Mapping t	2	

UT Date 2009-10-15 Observers A VazColl. Focus 1820 Grating/Grism 300

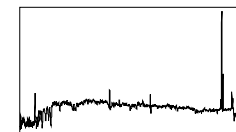
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0089.01252121+1620253	300	07:13	01:25:21.2	+16:20:25	300	90	3.0	#141 Mapping t	2	
0090.01252121+1620253	604	07:21	01:25:21.2	+16:20:25	300	90	3.0	#141 Mapping t	2	
0091.COMP	10	07:32	01:25:21.2	+16:20:25	300	90	3.0	#141 Mapping t	2	
0092.01434654+5316206	600	07:38	01:43:46.5	+53:16:21	300	90	3.0	#141 Mapping t	2	
0093.COMP	10	07:49	01:43:46.5	+53:16:21	300	90	3.0	#141 Mapping t	2	
0094.02052384+5158556	900	07:58	02:05:23.8	+51:58:56	300	90	3.0	#141 Mapping t	2	
0095.COMP	10	08:15	02:05:23.8	+51:58:56	300	90	3.0	#141 Mapping t	2	
0096.sn2009ig	600	08:34	02:38:11.6	-01:18:45	300	0	3.0	#2 SN Observat	2	
0097.COMP	10	08:45	02:38:11.6	-01:18:45	300	0	3.0	#2 SN Observat	2	
0098.03090557+4718157	720	09:02	03:09:05.6	+47:18:16	300	90	3.0	#141 Mapping t	2	
0099.COMP	10	09:16	03:09:05.6	+47:18:16	300	90	3.0	#141 Mapping t	2	
0100.03373817+4724002	900	09:21	03:37:38.2	+47:24:00	300	90	3.0	#141 Mapping t	2	
0101.COMP	10	09:37	03:37:38.2	+47:24:00	300	90	3.0	#141 Mapping t	2	
0102.sn2009X1	1800	10:00	05:18:54.8	+19:10:11	300	90	3.0	#2 SN Observat	2	
0103.COMP	10	10:33	05:18:54.8	+19:10:11	300	90	3.0	#2 SN Observat	2	
0104.05213787-1430563	600	10:53	05:21:37.9	-14:30:56	300	90	3.0	#141 Mapping t	2	
0105.COMP	10	11:04	05:21:37.9	-14:30:56	300	90	3.0	#141 Mapping t	2	
0106.V1647.A	1800	11:20	05:46:13.1	-00:06:05	300	90	3.0	#112 Orion PMS	2	
0107.COMP	10	11:52	05:46:13.1	-00:06:05	300	90	3.0	#112 Orion PMS	2	
0108-0117.BIAS	0	11:58	05:46:13.1	-00:06:05	300	90	3.0	#190 Cygnus X	2	

UT Date 2009-10-15 Observers A VazColl. Focus 1820 Grating/Grism 300

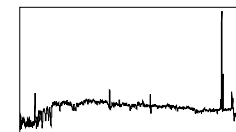
<i>File</i>	<i>Exp Time</i>	<i>UT Start</i>	<i>RA</i>	<i>Dec</i>	<i>Gr.</i>	<i>P.A.</i>	<i>Slit</i>	<i>Program</i>	<i>Bin</i>	<i>Comments</i>
0118-0132.FLAT	7	12:03	05:46:13.1	-00:06:05	300	90	3.0	#190 Cygnus X	2	
0133-0137.DARK	900	13:16	05:46:13.1	-00:06:05	300	90	3.0	#190 Cygnus X	4	
0138-0142.DARK	900	14:32	05:46:13.1	-00:06:05	300	90	3.0	#190 Cygnus X	2	

UT Date 2009-10-16 Observers A VazColl. Focus 1820 Grating/Grism 300

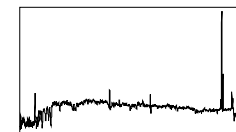
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001-0010.BIAS	0	23:17	05:46:13.1	-00:06:05	300	90	3.0	#190 Cygnus X	2	
0011.COMP	10	23:18	05:46:13.1	-00:06:05	300	90	3.0	#190 Cygnus X	2	
0012-0021.BIAS	0	23:22	05:46:13.1	-00:06:05	300	90	3.0	#190 Cygnus X	2	
0022-0036.FLAT	7	23:27	05:46:13.1	-00:06:05	300	90	3.0	#190 Cygnus X	2	
0037-0046.BIAS	0	23:30	05:46:13.1	-00:06:05	300	90	3.0	#190 Cygnus X	4	
0047-0057.FLAT	12	23:33	05:46:13.1	-00:06:05	300	90	3.0	#190 Cygnus X	4	
0058.FLAT	6	23:35	05:46:13.1	-00:06:05	300	90	3.0	#190 Cygnus X	4	
0059-0073.FLAT	5	23:39	05:46:13.1	-00:06:05	300	90	3.0	#190 Cygnus X	4	
0074.COMP	10	23:42	05:46:13.1	-00:06:05	300	90	3.0	#190 Cygnus X	2	
0075.COMP	10	23:43	05:46:13.1	-00:06:05	300	90	3.0	#190 Cygnus X	2	
0076.COMP	5	23:44	05:46:13.1	-00:06:05	300	90	3.0	#190 Cygnus X	4	
0077-0082.FLAT	600	00:45	05:46:13.1	-00:06:05	300	90	3.0	#190 Cygnus X	4	
0083.LAMP	15	02:30	05:46:13.1	-00:06:05	300	90	3.0	#190 Cygnus X	4	
0084.LAMP	15	02:31	05:46:13.1	-00:06:05	300	90	3.0	#190 Cygnus X	4	
0085.LAMP	20	02:33	05:46:13.1	-00:06:05	300	90	3.0	#190 Cygnus X	4	
0086.LAMP	40	02:36	05:46:13.1	-00:06:05	300	90	3.0	#190 Cygnus X	4	
0087.LAMP	40	02:37	05:46:13.1	-00:06:05	300	90	3.0	#190 Cygnus X	4	
0088.LAMP	40	02:38	05:46:13.1	-00:06:05	300	90	3.0	#190 Cygnus X	4	
0089.LAMP	10	02:41	05:46:13.1	-00:06:05	300	90	3.0	#190 Cygnus X	4	
0090.LAMP	90	02:42	05:46:13.1	-00:06:05	300	90	3.0	#190 Cygnus X	2	

UT Date 2009-10-16 Observers A VazColl. Focus 1820 Grating/Grism 300

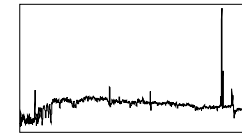
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0091.LAMP	90	02:44	05:46:13.1	-00:06:05	300	90	3.0	#190 Cygnus X	2	
0092.LAMP	90	02:46	05:46:13.1	-00:06:05	300	90	3.0	#190 Cygnus X	2	
0093.COMP	600	02:48	05:46:13.1	-00:06:05	300	90	3.0	#190 Cygnus X	4	
0094.Vega	10	03:25	18:36:56.3	+38:47:01	300	90	3.0	Spectrophotome	4	
0095.Vega	20	03:25	18:36:56.3	+38:47:01	300	90	3.0	Spectrophotome	4	
0096.Vega	20	03:26	18:36:56.3	+38:47:01	300	90	3.0	Spectrophotome	4	
0097.Vega	20	03:26	18:36:56.3	+38:47:01	300	90	3.0	Spectrophotome	4	
0098.Vega	15	03:27	18:36:56.3	+38:47:01	300	90	3.0	Spectrophotome	4	
0099.Vega	15	03:28	18:36:56.3	+38:47:01	300	90	3.0	Spectrophotome	4	
0100.Vega	15	03:28	18:36:56.3	+38:47:01	300	90	3.0	Spectrophotome	4	
0101.Vega	30	03:30	18:36:56.3	+38:47:01	300	90	3.0	Spectrophotome	2	
0102.Vega	30	03:30	18:36:56.3	+38:47:01	300	90	3.0	Spectrophotome	2	
0103.Vega	30	03:31	18:36:56.3	+38:47:01	300	90	3.0	Spectrophotome	2	
0104.COMP	600	03:32	18:36:56.3	+38:47:01	300	90	3.0	Spectrophotome	4	
0105.COMP	5	03:46	18:36:56.3	+38:47:01	300	90	3.0	Spectrophotome	4	
0106.COMP	10	03:47	18:36:56.3	+38:47:01	300	90	3.0	Spectrophotome	2	
0107-0116.BIAS	0	03:50	18:36:56.3	+38:47:01	300	90	3.0	#190 Cygnus X	2	
0117-0131.FLAT	7	03:56	18:36:56.3	+38:47:01	300	90	3.0	#190 Cygnus X	2	
0132.COMP	10	03:57	18:36:56.3	+38:47:01	300	90	3.0	#190 Cygnus X	2	
0133.HIP109176	5	04:15	22:07:00.5	+25:20:42	300	90	3.0	#57 Velocity S	2	

UT Date 2009-10-16 Observers A VazColl. Focus 1820 Grating/Grism 300

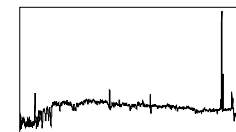
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0134.HIP109176	1	04:16	22:07:00.5	+25:20:42	300	90	3.0	#57 Velocity S	2	
0135.HIP109176	1	04:17	22:07:00.5	+25:20:42	300	90	3.0	#57 Velocity S	2	
0136.HIP109176	1	04:18	22:07:00.5	+25:20:42	300	90	3.0	#57 Velocity S	2	
0137.BDp174708	45	04:23	22:11:31.4	+18:05:34	300	90	3.0	#56 Spectropho	2	
0138.BDp174708	45	04:24	22:11:31.4	+18:05:34	300	90	3.0	#56 Spectropho	2	
0139.BDp174708	45	04:25	22:11:31.4	+18:05:34	300	90	3.0	#56 Spectropho	2	
0140.COMP	10	04:27	22:11:31.4	+18:05:34	300	90	3.0	#56 Spectropho	2	
0141.BDp284211	120	04:28	21:51:11.0	+28:51:50	300	90	3.0	#56 Spectropho	2	
0142.BDp284211	120	04:31	21:51:11.0	+28:51:50	300	90	3.0	#56 Spectropho	2	
0143.COMP	10	04:33	21:51:11.0	+28:51:50	300	90	3.0	#56 Spectropho	2	
0144.BDp284211	5	04:34	21:51:11.0	+28:51:50	300	90	3.0	#56 Spectropho	2	
0145.IPHASB_4251	600	04:54	22:56:08.5	+59:54:30	300	90	3.0	#157 IPHAS	2	
0146.COMP	10	05:06	22:56:08.5	+59:54:30	300	90	3.0	#157 IPHAS	2	
0147.IPHASB_4392	720	05:16	23:28:44.2	+60:39:06	300	90	3.0	#157 IPHAS	2	
0148.COMP	10	05:30	23:28:44.2	+60:39:06	300	90	3.0	#157 IPHAS	2	
0149.IPHASB_4456	720	05:35	23:49:49.6	+63:25:26	300	90	3.0	#157 IPHAS	2	
0150.COMP	10	05:48	23:49:49.6	+63:25:26	300	90	3.0	#157 IPHAS	2	
0151.00093966+5301008	300	06:02	00:09:39.7	+53:01:01	300	90	3.0	#141 Mapping t	2	
0152.00093966+5301008	420	06:09	00:09:39.7	+53:01:01	300	90	3.0	#141 Mapping t	2	
0153.COMP	10	06:17	00:09:39.7	+53:01:01	300	90	3.0	#141 Mapping t	2	

UT Date 2009-10-16 Observers A VazColl. Focus 1820 Grating/Grism 300

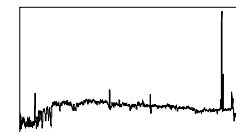
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0154.00450137+5521179	420	06:22	00:45:01.4	+55:21:18	300	90	3.0	#141 Mapping t	2	
0155.COMP	10	06:31	00:45:01.4	+55:21:18	300	90	3.0	#141 Mapping t	2	
0156.01060300+7240113	1200	06:54	01:06:03.0	+72:40:11	300	90	3.0	#141 Mapping t	2	
0157.COMP	10	07:15	01:06:03.0	+72:40:11	300	90	3.0	#141 Mapping t	2	
0158.01344628+7024266	1200	07:23	01:34:46.3	+70:24:27	300	90	3.0	#141 Mapping t	2	
0159.COMP	10	07:44	01:34:46.3	+70:24:27	300	90	3.0	#141 Mapping t	2	
0160.sn2009ig	1800	08:23	02:38:11.6	-01:18:45	300	-1	3.0	#2 SN Observat	2	
0161.COMP	10	08:53	02:38:11.6	-01:18:45	300	-1	3.0	#2 SN Observat	2	
0162.sn2009iz	1800	10:08	02:42:15.4	+42:23:50	300	89	3.0	#2 SN Observat	2	
0163.COMP	10	10:39	02:42:15.4	+42:23:50	300	89	3.0	#2 SN Observat	2	
0164.cvso-24697	480	10:51	05:14:53.5	+01:55:46	300	89	3.0	#112 Orion PMS	2	
0165.COMP	10	11:00	05:14:53.5	+01:55:46	300	89	3.0	#112 Orion PMS	2	
0166.cvso-30231	600	11:04	05:16:22.9	-01:56:09	300	89	3.0	#112 Orion PMS	2	
0167.COMP	10	11:14	05:16:22.9	-01:56:09	300	89	3.0	#112 Orion PMS	2	
0168.cvso-41657	600	11:19	05:34:06.7	-01:56:03	300	89	3.0	#112 Orion PMS	2	
0169.COMP	10	11:30	05:34:06.7	-01:56:03	300	89	3.0	#112 Orion PMS	2	
0170.cvso-49711	600	11:33	05:49:56.3	-01:56:16	300	89	3.0	#112 Orion PMS	2	
0171.COMP	10	11:44	05:49:56.3	-01:56:16	300	89	3.0	#112 Orion PMS	2	
0172.cvso-54330	600	11:47	05:59:47.2	+00:04:33	300	89	3.0	#112 Orion PMS	2	
0173.COMP	10	12:08	06:37:20.7	+18:29:49	300	89	3.0	#141 Mapping t	2	

UT Date 2009-10-16 Observers A VazColl. Focus 1820 Grating/Grism 300

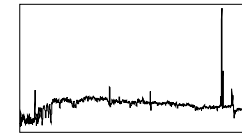
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0174.06372072+1829486	1200	12:10	06:37:20.7	+18:29:49	300	89	3.0	#141 Mapping t	2	
0175.COMP	10	12:30	06:37:20.7	+18:29:49	300	89	3.0	#141 Mapping t	2	
0176-0185.BIAS	0	12:35	06:37:20.7	+18:29:49	300	89	3.0	#190 Cygnus X	2	
0186-0200.FLAT	7	12:40	06:37:20.7	+18:29:49	300	89	3.0	#190 Cygnus X	2	
0201-0205.DARK	900	13:51	06:37:20.7	+18:29:49	300	89	3.0	#190 Cygnus X	4	
0206-0210.DARK	900	15:08	06:37:20.7	+18:29:49	300	89	3.0	#190 Cygnus X	2	

UT Date 2009-10-17 Observers A VazColl. Focus 1820 Grating/Grism 300

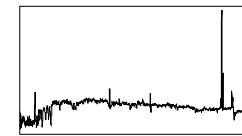
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001-0010.BIAS	0	00:30	06:37:20.7	+18:29:49	300	89	3.0	#190 Cygnus X	2	
0011-0025.FLAT	7	00:35	06:37:20.7	+18:29:49	300	89	3.0	#190 Cygnus X	2	
0026-0035.BIAS	0	00:38	06:37:20.7	+18:29:49	300	89	3.0	#190 Cygnus X	4	
0036-0050.FLAT	5	00:44	06:37:20.7	+18:29:49	300	89	3.0	#190 Cygnus X	4	
0051.COMP	5	00:45	06:37:20.7	+18:29:49	300	89	3.0	#190 Cygnus X	4	
0052.COMP	10	00:46	06:37:20.7	+18:29:49	300	89	3.0	#190 Cygnus X	2	
0053-0055.FLAT	600	01:09	06:37:20.7	+18:29:49	300	89	3.0	#190 Cygnus X	4	
0056.LAMP	10	02:02	06:37:20.7	+18:29:49	300	89	3.0	#190 Cygnus X	4	
0057.LAMP	18	02:03	06:37:20.7	+18:29:49	300	89	3.0	#190 Cygnus X	4	
0058.LAMP	18	02:05	06:37:20.7	+18:29:49	300	89	3.0	#190 Cygnus X	4	
0059.LAMP	18	02:05	06:37:20.7	+18:29:49	300	89	3.0	#190 Cygnus X	4	
0060.LAMP	18	02:05	06:37:20.7	+18:29:49	300	89	3.0	#190 Cygnus X	4	
0061.LAMP	18	02:06	06:37:20.7	+18:29:49	300	89	3.0	#190 Cygnus X	4	
0062.LAMP	36	02:07	06:37:20.7	+18:29:49	300	89	3.0	#190 Cygnus X	2	
0063.LAMP	36	02:08	06:37:20.7	+18:29:49	300	89	3.0	#190 Cygnus X	2	
0064.LAMP	36	02:08	06:37:20.7	+18:29:49	300	89	3.0	#190 Cygnus X	2	
0065.LAMP	36	02:09	06:37:20.7	+18:29:49	300	89	3.0	#190 Cygnus X	2	
0066.LAMP	36	02:10	06:37:20.7	+18:29:49	300	89	3.0	#190 Cygnus X	2	
0067.LAMP	18	02:11	06:37:20.7	+18:29:49	300	89	3.0	#190 Cygnus X	4	
0068.LAMP	18	02:12	06:37:20.7	+18:29:49	300	89	3.0	#190 Cygnus X	4	

UT Date 2009-10-17 Observers A VazColl. Focus 1820 Grating/Grism 300

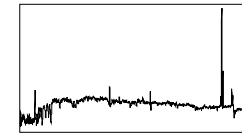
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0069.LAMP	18	02:12	06:37:20.7	+18:29:49	300	89	3.0	#190 Cygnus X	4	
0070.LAMP	18	02:12	06:37:20.7	+18:29:49	300	89	3.0	#190 Cygnus X	4	
0071.LAMP	18	02:13	06:37:20.7	+18:29:49	300	89	3.0	#190 Cygnus X	4	
0072.COMP	600	02:14	06:37:20.7	+18:29:49	300	89	3.0	#190 Cygnus X	4	
0073.Vega	10	02:52	18:36:56.3	+38:47:01	300	89	3.0	Spectrophotome	4	
0074.Vega	18	02:53	18:36:56.3	+38:47:01	300	89	3.0	Spectrophotome	4	
0075.Vega	18	02:54	18:36:56.3	+38:47:01	300	89	3.0	Spectrophotome	4	
0076.Vega	18	02:54	18:36:56.3	+38:47:01	300	89	3.0	Spectrophotome	4	
0077.Vega	18	02:54	18:36:56.3	+38:47:01	300	89	3.0	Spectrophotome	4	
0078.Vega	18	02:55	18:36:56.3	+38:47:01	300	89	3.0	Spectrophotome	4	
0079.Vega	10	03:01	18:36:56.3	+38:47:01	300	89	3.0	Spectrophotome	4	
0080.Vega	10	03:02	18:36:56.3	+38:47:01	300	89	3.0	Spectrophotome	4	
0081.Vega	10	03:02	18:36:56.3	+38:47:01	300	89	3.0	Spectrophotome	4	
0082.Vega	10	03:02	18:36:56.3	+38:47:01	300	89	3.0	Spectrophotome	4	
0083.Vega	10	03:03	18:36:56.3	+38:47:01	300	89	3.0	Spectrophotome	4	
0084.Vega	24	03:06	18:36:56.3	+38:47:01	300	89	3.0	Spectrophotome	2	
0085.Vega	24	03:07	18:36:56.3	+38:47:01	300	89	3.0	Spectrophotome	2	
0086.Vega	24	03:07	18:36:56.3	+38:47:01	300	89	3.0	Spectrophotome	2	
0087.Vega	24	03:08	18:36:56.3	+38:47:01	300	89	3.0	Spectrophotome	2	
0088.Vega	24	03:08	18:36:56.3	+38:47:01	300	89	3.0	Spectrophotome	2	

UT Date 2009-10-17 Observers A VazColl. Focus 1820 Grating/Grism 300

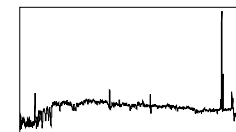
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0089.COMP	600	03:11	18:36:56.3	+38:47:01	300	89	3.0	Spectrophotome	4	
0090.COMP	5	03:27	18:36:56.3	+38:47:01	300	89	3.0	Spectrophotome	4	
0091.COMP	10	03:27	18:36:56.3	+38:47:01	300	89	3.0	Spectrophotome	2	
0092-0101.BIAS	0	03:31	18:36:56.3	+38:47:01	300	89	3.0	#190 Cygnus X	2	
0102-0116.FLAT	7	03:36	18:36:56.3	+38:47:01	300	89	3.0	#190 Cygnus X	2	
0117.BDp174708	45	03:40	22:11:31.4	+18:05:34	300	89	3.0	#56 Spectropho	2	
0118.BDp174708	45	03:41	22:11:31.4	+18:05:34	300	89	3.0	#56 Spectropho	2	
0119.BDp174708	45	03:42	22:11:31.4	+18:05:34	300	89	3.0	#56 Spectropho	2	
0120.COMP	10	03:43	22:11:31.4	+18:05:34	300	89	3.0	#56 Spectropho	2	
0121.BDp284211	120	03:46	21:51:11.0	+28:51:50	300	89	3.0	#56 Spectropho	2	
0122.BDp284211	120	03:48	21:51:11.0	+28:51:50	300	89	3.0	#56 Spectropho	2	
0123.COMP	10	03:51	21:51:11.0	+28:51:50	300	89	3.0	#56 Spectropho	2	
0124.sn2009jf	1800	03:54	23:04:53.0	+12:20:00	300	89	3.0	#2 SN Observat	2	
0125.COMP	10	04:25	23:04:53.0	+12:20:00	300	89	3.0	#2 SN Observat	2	
0126.IPHASB_4220	720	04:37	22:50:34.8	+54:37:20	300	89	3.0	#157 IPHAS	2	
0127.COMP	10	04:50	22:50:34.8	+54:37:20	300	89	3.0	#157 IPHAS	2	
0128.IPHASB_4326	720	04:55	23:11:59.5	+56:40:38	300	89	3.0	#157 IPHAS	2	
0129.COMP	10	05:08	23:11:59.5	+56:40:38	300	89	3.0	#157 IPHAS	2	
0130.ZAnd	1	05:11	23:33:40.0	+48:49:06	300	89	3.0	#12 Symbiotic	2	
0131.ZAnd	5	05:11	23:33:40.0	+48:49:06	300	89	3.0	#12 Symbiotic	2	

UT Date 2009-10-17 Observers A VazColl. Focus 1820 Grating/Grism 300

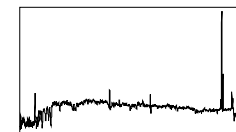
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0132.ZAnd	30	05:12	23:33:40.0	+48:49:06	300	89	3.0	#12 Symbiotic	2	
0133.COMP	10	05:13	23:33:40.0	+48:49:06	300	89	3.0	#12 Symbiotic	2	
0134.RAqr	1	05:20	23:43:49.0	-15:17:05	300	89	3.0	#12 Symbiotic	2	
0135.RAqr	5	05:20	23:43:49.0	-15:17:05	300	89	3.0	#12 Symbiotic	2	
0136.RAqr	10	05:20	23:43:49.0	-15:17:05	300	89	3.0	#12 Symbiotic	2	
0137.COMP	10	05:21	23:43:49.0	-15:17:05	300	89	3.0	#12 Symbiotic	2	
0138.IPHASB_4456	720	05:32	23:49:49.6	+63:25:26	300	89	3.0	#157 IPHAS	2	
0139.COMP	10	05:44	23:49:49.6	+63:25:26	300	89	3.0	#157 IPHAS	2	
0140.IPHASB_4493	660	05:47	23:59:20.0	+66:23:12	300	89	3.0	#157 IPHAS	2	
0141.COMP	10	05:59	23:59:20.0	+66:23:12	300	89	3.0	#157 IPHAS	2	
0142.00002839+6838484	1200	06:09	00:00:28.4	+68:38:48	300	89	3.0	#141 Mapping t	2	
0143.COMP	10	06:30	00:00:28.4	+68:38:48	300	89	3.0	#141 Mapping t	2	
0144.01193910+5643101	600	06:47	01:19:39.1	+56:43:10	300	89	3.0	#141 Mapping t	2	
0145.COMP	10	06:58	01:19:39.1	+56:43:10	300	89	3.0	#141 Mapping t	2	
0146.sn2009iz	1800	09:49	02:42:15.4	+42:23:50	300	90	3.0	#2 SN Observat	2	
0147.COMP	10	10:21	02:42:15.4	+42:23:50	300	90	3.0	#2 SN Observat	2	
0148.04535201+2948368	600	10:34	04:53:52.0	+29:48:37	300	90	3.0	#141 Mapping t	2	
0149.COMP	10	10:45	04:53:52.0	+29:48:37	300	90	3.0	#141 Mapping t	2	
0150.cvso-34208	420	10:51	05:23:39.5	+02:02:57	300	90	3.0	#112 Orion PMS	2	
0151.COMP	10	10:59	05:23:39.5	+02:02:57	300	90	3.0	#112 Orion PMS	2	

UT Date 2009-10-17 Observers A VazColl. Focus 1820 Grating/Grism 300

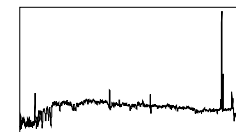
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0152.cvso-35433	300	11:03	05:24:38.2	+02:02:51	300	90	3.0	#112 Orion PMS	2	
0153.COMP	10	11:09	05:24:38.2	+02:02:51	300	90	3.0	#112 Orion PMS	2	
0154.cvso-38925	240	11:13	05:27:24.8	+02:00:21	300	90	3.0	#112 Orion PMS	2	
0155.cvso-38925	240	11:18	05:27:24.8	+02:00:21	300	90	3.0	#112 Orion PMS	2	
0156.COMP	10	11:22	05:27:24.8	+02:00:21	300	90	3.0	#112 Orion PMS	2	
0157.cvso-63990	240	11:27	05:46:39.7	+02:12:59	300	90	3.0	#112 Orion PMS	2	
0158.COMP	10	11:31	05:46:39.7	+02:12:59	300	90	3.0	#112 Orion PMS	2	
0159.cvso-64116	480	11:34	05:46:46.2	+02:13:18	300	90	3.0	#112 Orion PMS	2	
0160.COMP	10	11:42	05:46:46.2	+02:13:18	300	90	3.0	#112 Orion PMS	2	
0161.cvso-64215	500	11:45	05:46:51.2	+02:13:14	300	90	3.0	#112 Orion PMS	2	
0162.COMP	10	11:53	05:46:51.2	+02:13:14	300	90	3.0	#112 Orion PMS	2	
0163.06232646-1027005	1200	12:07	06:23:26.5	-10:27:00	300	90	3.0	#141 Mapping t	2	
0164.COMP	10	12:28	06:23:26.5	-10:27:00	300	90	3.0	#141 Mapping t	2	
0165-0174.BIAS	0	12:31	06:23:26.5	-10:27:00	300	90	3.0	#157 IPHAS	2	
0175-0189.FLAT	7	12:37	06:23:26.5	-10:27:00	300	90	3.0	#157 IPHAS	2	
0190-0194.DARK	900	13:49	06:23:26.5	-10:27:00	300	90	3.0	#157 IPHAS	4	
0195-0199.DARK	900	15:05	06:23:26.5	-10:27:00	300	90	3.0	#157 IPHAS	2	

UT Date 2009-10-18 Observers T GronerColl. Focus 1820 Grating/Grism 300

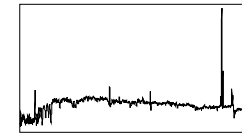
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0001-0010.BIAS	0	01:04	19:22:23.6	+31:29:04	300	90	3.0	#157 IPHAS	2	
0011-0025.FLAT	7	01:10	19:22:23.6	+31:29:04	300	90	3.0	#157 IPHAS	2	
0026.COMP	10	01:49	22:11:31.4	+18:05:34	300	90	3.0	#56 Spectropho	2	
0032.BDp174708	45	02:05	22:11:31.4	+18:05:34	300	90	3.0	#56 Spectropho	2	
0033.BDp174708	45	02:07	22:11:31.4	+18:05:34	300	90	3.0	#56 Spectropho	2	
0034.BDp174708	45	02:08	22:11:31.4	+18:05:34	300	90	3.0	#56 Spectropho	2	
0035.COMP	10	02:10	22:11:31.4	+18:05:34	300	90	3.0	#56 Spectropho	2	
0036.BDp284211	120	02:14	21:51:11.0	+28:51:50	300	90	3.0	#56 Spectropho	2	
0037.BDp284211	120	02:17	21:51:11.0	+28:51:50	300	90	3.0	#56 Spectropho	2	
0038.COMP	10	02:20	21:51:11.0	+28:51:50	300	90	3.0	#56 Spectropho	2	
0039.sn2009jr	1800	02:32	20:26:26.0	+02:54:31	300	16	3.0	#2 SN Observat	2	
0040.COMP	10	03:04	20:26:26.0	+02:54:31	300	16	3.0	#2 SN Observat	2	
0041.IPHASB_3735	1200	03:19	21:36:20.6	+51:08:27	300	90	3.0	#157 IPHAS	2	
0042.COMP	10	03:42	21:36:20.6	+51:08:27	300	90	3.0	#157 IPHAS	2	
0043.IPHASB_3930	900	03:49	22:05:31.4	+51:33:13	300	90	3.0	#157 IPHAS	2	
0044.COMP	10	04:07	22:05:31.4	+51:33:13	300	90	3.0	#157 IPHAS	2	
0045.BFCyg	15	04:14	19:23:53.0	+29:40:27	300	90	3.0	#12 Symbiotic	2	
0046.BFCyg	15	04:15	19:23:53.0	+29:40:27	300	90	3.0	#12 Symbiotic	2	
0047.COMP	10	04:17	19:23:53.0	+29:40:27	300	90	3.0	#12 Symbiotic	2	
0048.CHCyg	1	04:20	19:24:33.0	+50:14:30	300	90	3.0	#12 Symbiotic	2	

UT Date 2009-10-18 Observers T GronerColl. Focus 1820 Grating/Grism 300

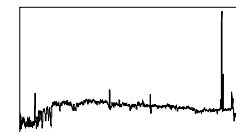
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0049.CHCyg	5	04:20	19:24:33.0	+50:14:30	300	90	3.0	#12 Symbiotic	2	
0050.CHCyg	30	04:20	19:24:33.0	+50:14:30	300	90	3.0	#12 Symbiotic	2	
0051.COMP	10	04:22	19:24:33.0	+50:14:30	300	90	3.0	#12 Symbiotic	2	
0052.CICyg	15	04:25	19:50:12.0	+35:41:02	300	90	3.0	#12 Symbiotic	2	
0053.CICyg	15	04:25	19:50:12.0	+35:41:02	300	90	3.0	#12 Symbiotic	2	
0054.CICyg	15	04:26	19:50:12.0	+35:41:02	300	90	3.0	#12 Symbiotic	2	
0055.CICyg	15	04:26	19:50:12.0	+35:41:02	300	90	3.0	#12 Symbiotic	2	
0056.COMP	10	04:27	19:50:12.0	+35:41:02	300	90	3.0	#12 Symbiotic	2	
0057.ZAnd	1	04:30	23:33:40.0	+48:49:06	300	90	3.0	#12 Symbiotic	2	
0058.ZAnd	5	04:31	23:33:40.0	+48:49:06	300	90	3.0	#12 Symbiotic	2	
0059.ZAnd	30	04:31	23:33:40.0	+48:49:06	300	90	3.0	#12 Symbiotic	2	
0060.COMP	10	04:32	23:33:40.0	+48:49:06	300	90	3.0	#12 Symbiotic	2	
0061.sn2009jf	1800	04:45	23:04:53.0	+12:20:00	300	90	3.0	#2 SN Observat	2	
0062.COMP	10	05:15	23:04:53.0	+12:20:00	300	90	3.0	#2 SN Observat	2	
0063.IPHASB_4417	720	05:23	23:35:09.5	+58:22:15	300	90	3.0	#157 IPHAS	2	
0064.COMP	10	05:36	23:35:09.5	+58:22:15	300	90	3.0	#157 IPHAS	2	
0065.IPHASB_4485	1200	05:42	23:57:21.9	+58:55:15	300	90	3.0	#157 IPHAS	2	
0066.COMP	10	06:04	23:57:21.9	+58:55:15	300	90	3.0	#157 IPHAS	2	
0067.IPHASB_4491	900	06:10	23:58:56.4	+62:46:53	300	90	3.0	#157 IPHAS	2	
0068.COMP	10	06:26	23:58:56.4	+62:46:53	300	90	3.0	#157 IPHAS	2	

UT Date 2009-10-18 Observers T GronerColl. Focus 1820 Grating/Grism 300

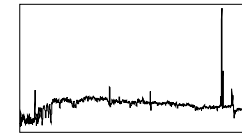
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0069.IPHASB_4483	900	06:32	23:56:47.6	+62:21:34	300	90	3.0	#157 IPHAS	2	
0070.COMP	10	06:48	23:56:47.6	+62:21:34	300	90	3.0	#157 IPHAS	2	
0071.01391146+5420429	1200	07:10	01:39:11.5	+54:20:43	300	90	3.0	#141 Mapping t	2	
0072.COMP	10	07:31	01:39:11.5	+54:20:43	300	90	3.0	#141 Mapping t	2	
0073.sn2009ig	1800	07:46	02:38:11.6	-01:18:45	300	-3	3.0	#2 SN Observat	2	
0074.COMP	10	08:21	02:38:11.6	-01:18:45	300	-3	3.0	#2 SN Observat	2	
0075.sn2009iz	1800	08:29	02:42:15.4	+42:23:50	300	90	3.0	#2 SN Observat	2	
0076.COMP	10	09:01	02:42:15.4	+42:23:50	300	90	3.0	#2 SN Observat	2	
0077.03393038+3914168	900	09:04	03:39:30.4	+39:14:17	300	90	3.0	#141 Mapping t	2	
0078.COMP	10	09:20	03:39:30.4	+39:14:17	300	90	3.0	#141 Mapping t	2	
0079.cvso-36633	360	09:35	05:25:32.6	+02:14:09	300	90	3.0	#112 Orion PMS	2	
0080.COMP	10	09:42	05:25:32.6	+02:14:09	300	90	3.0	#112 Orion PMS	2	
0081.cvso-36343	300	09:48	05:25:19.0	+02:10:42	300	90	3.0	#112 Orion PMS	2	
0082.COMP	10	09:54	05:25:19.0	+02:10:42	300	90	3.0	#112 Orion PMS	2	
0083.cvso-37188	300	09:58	05:25:58.2	+02:04:56	300	90	3.0	#112 Orion PMS	2	double
0084.COMP	10	10:04	05:25:58.2	+02:04:56	300	90	3.0	#112 Orion PMS	2	
0085.cvso-48182	300	10:06	05:26:43.6	+01:16:39	300	90	3.0	#112 Orion PMS	2	
0086.COMP	10	10:13	05:26:43.6	+01:16:39	300	90	3.0	#112 Orion PMS	2	
0087.V1647.A	1800	10:18	05:46:13.1	-00:06:05	300	90	3.0	#112 Orion PMS	2	
0088.COMP	10	10:50	05:46:13.1	-00:06:05	300	90	3.0	#112 Orion PMS	2	

UT Date 2009-10-18 Observers T GronerColl. Focus 1820 Grating/Grism 300

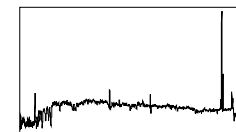
<i>File</i>	<i>Exp Time</i>	<i>UT Start</i>	<i>RA</i>	<i>Dec</i>	<i>Gr.</i>	<i>P.A.</i>	<i>Slit</i>	<i>Program</i>	<i>Bin</i>	<i>Comments</i>
0089.V1647.C	1800	10:53	05:46:14.1	-00:05:30	300	90	3.0	#112 Orion PMS	2	
0090.COMP	10	11:23	05:46:14.1	-00:05:30	300	90	3.0	#112 Orion PMS	2	
0091.sn2009X1	1800	11:31	07:37:36.8	+41:56:57	300	90	3.0	#2 SN Observat	2	
0092.COMP	10	12:04	07:37:36.8	+41:56:57	300	90	3.0	#2 SN Observat	2	
0093.cvso-58318	360	12:10	05:59:57.7	-02:10:29	300	90	3.0	#112 Orion PMS	2	
0094.COMP	10	12:17	05:59:57.7	-02:10:29	300	90	3.0	#112 Orion PMS	2	
0095-0104.BIAS	0	13:08	05:59:57.7	-02:10:29	300	90	3.0	#157 IPHAS	2	
0105-0119.FLAT	7	13:14	05:59:57.7	-02:10:29	300	90	3.0	#157 IPHAS	2	
0120-0124.DARK	900	14:26	05:59:57.7	-02:10:29	300	90	3.0	#157 IPHAS	2	

UT Date 2009-10-19 Observers W PetersColl. Focus 1820 Grating/Grism 300

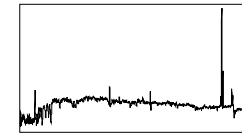
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001-0011.BIAS	0	00:21	05:59:57.7	-02:10:29	300	90	3.0	#157 IPHAS	2	
0012-0026.FLAT	7	00:26	05:59:57.7	-02:10:29	300	90	3.0	#157 IPHAS	2	
0027.COMP	10	00:30	05:59:57.7	-02:10:29	300	90	3.0	#157 IPHAS	2	
0028-0032.DARK	900	01:34	05:59:57.7	-02:10:29	300	90	3.0	#157 IPHAS	2	
0033.BDp284211	90	03:22	21:51:11.0	+28:51:50	300	90	3.0	#56 Spectropho	2	
0034.BDp284211	90	03:23	21:51:11.0	+28:51:50	300	90	3.0	#56 Spectropho	2	
0035.COMP	10	03:25	21:51:11.0	+28:51:50	300	90	3.0	#56 Spectropho	2	
0036.BDp174708	90	03:35	22:11:31.4	+18:05:34	300	90	3.0	#56 Spectropho	2	
0037.COMP	10	03:38	22:11:31.4	+18:05:34	300	90	3.0	#56 Spectropho	2	
0038.M32	30	05:58	00:42:41.8	+40:51:55	300	90	3.0	#57 Velocity S	2	
0039.COMP	10	05:59	00:42:41.8	+40:51:55	300	90	3.0	#57 Velocity S	2	
0040.IPHASB_1339	600	08:42	01:58:32.9	+64:06:34	300	90	3.0	#157 IPHAS	2	
0041.COMP	10	08:53	01:58:32.9	+64:06:34	300	90	3.0	#157 IPHAS	2	
0042.IPHASB_1336	600	08:56	01:58:08.4	+61:02:57	300	90	3.0	#157 IPHAS	2	
0043.COMP	10	09:06	01:58:08.4	+61:02:57	300	90	3.0	#157 IPHAS	2	
0044.IPHASB_1296	600	09:10	01:47:56.3	+59:39:33	300	90	3.0	#157 IPHAS	2	
0045.COMP	10	09:21	01:47:56.3	+59:39:33	300	90	3.0	#157 IPHAS	2	
0046-0055.BIAS	0	12:30	05:46:13.1	-00:06:05	300	90	3.0	#56 Spectropho	2	
0056-0070.FLAT	7	12:35	05:46:13.1	-00:06:05	300	90	3.0	#56 Spectropho	2	
0071-0075.DARK	900	13:42	05:46:13.1	-00:06:05	300	90	3.0	#56 Spectropho	2	

UT Date 2009-10-20 Observers W PetersColl. Focus 1820 Grating/Grism 300

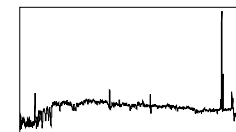
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0001.BIAS	0	00:19	05:46:13.1	-00:06:05	300	90	3.0	#56 Spectropho	2	
0002.COMP	10	00:19	05:46:13.1	-00:06:05	300	90	3.0	#56 Spectropho	2	
0003-0012.BIAS	0	00:24	05:46:13.1	-00:06:05	300	90	3.0	#56 Spectropho	2	
0013-0027.FLAT	7	00:30	05:46:13.1	-00:06:05	300	90	3.0	#56 Spectropho	2	
0028-0031.DARK	900	01:18	05:46:13.1	-00:06:05	300	90	3.0	#56 Spectropho	2	
0032.BDp284211	90	01:52	21:51:11.0	+28:51:50	300	90	3.0	#56 Spectropho	2	
0033.BDp284211	90	01:55	21:51:11.0	+28:51:50	300	90	3.0	#56 Spectropho	2	
0034.COMP	10	01:57	21:51:11.0	+28:51:50	300	90	3.0	#56 Spectropho	2	
0035.sn2009jr	1800	02:05	20:26:26.0	+02:54:31	300	0	3.0	#2 SN Observat	2	
0036.COMP	10	02:36	20:26:26.0	+02:54:31	300	0	3.0	#2 SN Observat	2	
0037.V919Sgr	15	02:44	19:03:45.0	-16:59:56	300	89	3.0	#12 Symbiotic	2	
0038.V919Sgr	30	02:48	19:03:45.0	-16:59:56	300	89	3.0	#12 Symbiotic	2	
0039.COMP	10	02:49	19:03:45.0	-16:59:56	300	89	3.0	#12 Symbiotic	2	
0040.BDp174708	90	02:55	22:11:31.4	+18:05:34	300	89	3.0	#56 Spectropho	2	
0041.BDp174708	90	02:58	22:11:31.4	+18:05:34	300	89	3.0	#56 Spectropho	2	
0042.COMP	10	03:00	22:11:31.4	+18:05:34	300	89	3.0	#56 Spectropho	2	
0043.N7331	180	03:02	22:37:04.1	+34:24:56	300	89	3.0	#57 Velocity S	2	
0044.COMP	10	03:06	22:37:04.1	+34:24:56	300	89	3.0	#57 Velocity S	2	
0045.IPHASB_4168	780	03:17	22:37:03.9	+57:35:42	300	89	3.0	#157 IPHAS	2	
0046.COMP	10	03:32	22:37:03.9	+57:35:42	300	89	3.0	#157 IPHAS	2	

UT Date 2009-10-20 Observers W PetersColl. Focus 1820 Grating/Grism 300

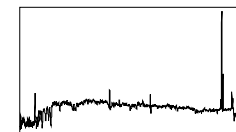
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0047.IPHASB_4169	840	03:37	22:37:28.9	+62:34:15	300	89	3.0	#157 IPHAS	2	
0048.COMP	10	03:52	22:37:28.9	+62:34:15	300	89	3.0	#157 IPHAS	2	
0049.IPHASB_4171	840	03:54	22:38:12.4	+64:05:43	300	89	3.0	#157 IPHAS	2	
0050.COMP	10	04:08	22:38:12.4	+64:05:43	300	89	3.0	#157 IPHAS	2	
0051.sn2009jx	1800	04:25	21:12:09.8	-01:28:33	300	33	3.0	#2 SN Observat	2	
0052.COMP	10	04:55	21:12:09.8	-01:28:33	300	33	3.0	#2 SN Observat	2	
0053.sn2009jf	1800	05:25	23:04:53.0	+12:20:00	300	20	3.0	#2 SN Observat	2	
0054.COMP	10	05:56	23:04:53.0	+12:20:00	300	20	3.0	#2 SN Observat	2	
0055.sn2009iz	1800	09:43	02:42:15.4	+42:23:50	300	90	3.0	#2 SN Observat	2	
0056.COMP	10	10:14	02:42:15.4	+42:23:50	300	90	3.0	#2 SN Observat	2	
0057-0066.BIAS	0	11:10	05:46:13.1	-00:06:05	300	90	3.0	#2 SN Observat	2	
0067-0081.FLAT	7	11:15	05:46:13.1	-00:06:05	300	90	3.0	#2 SN Observat	2	
0082-0086.DARK	900	13:19	05:46:13.1	-00:06:05	300	90	3.0	#2 SN Observat	2	

UT Date 2009-10-21 Observers W PetersColl. Focus 1820 Grating/Grism 300

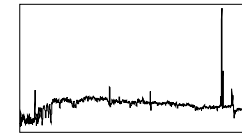
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001-0002.DARK	900	00:15	05:46:13.1	-00:06:05	300	90	3.0	#2 SN Observat	2	
0003-0012.BIAS	0	00:40	05:46:13.1	-00:06:05	300	90	3.0	#2 SN Observat	2	
0013-0027.FLAT	7	00:44	05:46:13.1	-00:06:05	300	90	3.0	#2 SN Observat	2	
0028-0037.BIAS	0	00:46	05:46:13.1	-00:06:05	300	90	3.0	#2 SN Observat	2	
0038-0052.FLAT	7	00:50	05:46:13.1	-00:06:05	300	90	3.0	#2 SN Observat	2	
0053-0062.BIAS	0	00:57	05:46:13.1	-00:06:05	300	90	3.0	#2 SN Observat	2	
0063-0077.FLAT	7	01:03	05:46:13.1	-00:06:05	300	90	3.0	#2 SN Observat	2	
0078.K3310022	120	01:58	18:36:45.5	+38:26:28	300	90	3.0	#184 M44 Varia	2	
0079.K3310022	120	02:04	18:36:45.5	+38:26:28	300	90	3.0	#184 M44 Varia	2	
0080.K3310022	120	02:10	18:36:45.5	+38:26:28	300	90	3.0	#184 M44 Varia	2	
0081.K3310022	120	02:16	18:36:45.5	+38:26:28	300	90	3.0	#184 M44 Varia	2	
0082.K3310022	120	02:21	18:36:45.5	+38:26:28	300	90	3.0	#184 M44 Varia	2	
0083.COMP	10	02:25	18:36:45.5	+38:26:28	300	90	3.0	#184 M44 Varia	2	
0084.test	10	03:30	21:17:35.8	+26:01:12	300	90	3.0	#2 SN Observat	2	
0085.sn2009ka	1800	03:35	21:17:35.8	+26:01:12	300	90	3.0	#2 SN Observat	2	
0086.COMP	10	04:06	21:17:35.8	+26:01:12	300	90	3.0	#2 SN Observat	2	
0087.BDp174708	45	04:11	22:11:31.4	+18:05:34	300	90	3.0	#56 Spectropho	2	
0088.BDp174708	45	04:12	22:11:31.4	+18:05:34	300	90	3.0	#56 Spectropho	2	
0089.BDp174708	45	04:13	22:11:31.4	+18:05:34	300	90	3.0	#56 Spectropho	2	
0090.COMP	10	04:15	22:11:31.4	+18:05:34	300	90	3.0	#56 Spectropho	2	

UT Date 2009-10-21 Observers W PetersColl. Focus 1820 Grating/Grism 300

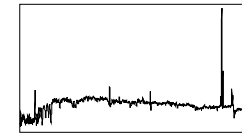
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0091.BDp284211	120	04:18	21:51:11.0	+28:51:50	300	90	3.0	#56 Spectropho	2	
0092.BDp284211	120	04:20	21:51:11.0	+28:51:50	300	90	3.0	#56 Spectropho	2	
0093.COMP	10	04:23	21:51:11.0	+28:51:50	300	90	3.0	#56 Spectropho	2	
0094.N0022112339	120	04:26	21:51:02.0	+12:37:32	300	90	3.0	#184 M44 Varia	2	
0095.COMP	10	04:28	21:51:02.0	+12:37:32	300	90	3.0	#184 M44 Varia	2	
0096.S321202045	120	04:31	22:26:25.7	-04:38:26	300	90	3.0	#184 M44 Varia	2	
0097.COMP	10	04:33	22:26:25.7	-04:38:26	300	90	3.0	#184 M44 Varia	2	
0098.IPHASB_4369	200	04:41	23:20:03.3	+57:17:37	300	90	3.0	#157 IPHAS	2	
0099.COMP	10	04:45	23:20:03.3	+57:17:37	300	90	3.0	#157 IPHAS	2	
0100.IPHASB_4369	400	04:47	23:20:03.3	+57:17:37	300	90	3.0	#157 IPHAS	2	
0101.COMP	10	04:54	23:20:03.3	+57:17:37	300	90	3.0	#157 IPHAS	2	
0102.IPHASB_4372	400	04:57	23:20:21.0	+57:22:37	300	90	3.0	#157 IPHAS	2	
0103.COMP	10	05:09	23:20:21.0	+57:22:37	300	90	3.0	#157 IPHAS	2	
0104.IPHASB_4457	600	05:13	23:50:18.0	+60:42:43	300	71	3.0	#157 IPHAS	2	
0105.COMP	10	05:24	23:50:18.0	+60:42:43	300	71	3.0	#157 IPHAS	2	
0106.IPHASB_4461	600	05:53	23:51:19.0	+59:11:19	300	90	3.0	#157 IPHAS	2	
0107.COMP	10	06:04	23:51:19.0	+59:11:19	300	90	3.0	#157 IPHAS	2	
0108.IPHASB_1187	900	06:06	01:03:58.1	+59:53:11	300	90	3.0	#157 IPHAS	2	
0109.COMP	10	06:22	01:03:58.1	+59:53:11	300	90	3.0	#157 IPHAS	2	
0110.IPHASB_1199	1000	06:26	01:08:27.8	+63:14:12	300	90	3.0	#157 IPHAS	2	

UT Date 2009-10-21 Observers W PetersColl. Focus 1820 Grating/Grism 300

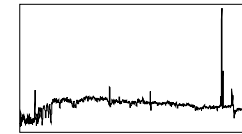
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0111.COMP	10	06:43	01:08:27.8	+63:14:12	300	90	3.0	#157 IPHAS	2	
0112.IPHASB_1202	1200	06:45	01:08:59.6	+62:51:04	300	90	3.0	#157 IPHAS	2	
0113.COMP	10	07:06	01:08:59.6	+62:51:04	300	90	3.0	#157 IPHAS	2	
0114.IPHASB_1377	1200	07:10	02:10:02.7	+61:24:13	300	90	3.0	#157 IPHAS	2	
0115.COMP	10	07:31	02:10:02.7	+61:24:13	300	90	3.0	#157 IPHAS	2	
0116.IPHASB_1378	1200	07:37	02:10:05.6	+63:11:00	300	90	3.0	#157 IPHAS	2	
0117.COMP	10	07:57	02:10:05.6	+63:11:00	300	90	3.0	#157 IPHAS	2	
0118.sn2009ig	1800	08:16	02:38:11.6	-01:18:45	300	11	3.0	#2 SN Observat	2	
0119.COMP	10	08:47	02:38:11.6	-01:18:45	300	11	3.0	#2 SN Observat	2	
0120.IPHASB_1649	1200	08:55	03:32:12.2	+55:06:17	300	89	3.0	#157 IPHAS	2	
0121.COMP	10	09:16	03:32:12.2	+55:06:17	300	89	3.0	#157 IPHAS	2	
0122.IPHASB_1693	1200	09:20	04:03:34.6	+53:41:31	300	104	3.0	#157 IPHAS	2	
0123.COMP	10	09:41	04:03:34.6	+53:41:31	300	104	3.0	#157 IPHAS	2	
0124.IPHASB_1760	1200	09:45	04:34:12.5	+51:29:25	300	91	3.0	#157 IPHAS	2	
0125.COMP	10	10:05	04:34:12.5	+51:29:25	300	91	3.0	#157 IPHAS	2	
0126.IPHASB_1771	1200	10:07	04:40:07.8	+50:01:27	300	91	3.0	#157 IPHAS	2	
0127.COMP	10	10:28	04:40:07.8	+50:01:27	300	91	3.0	#157 IPHAS	2	
0128.IPHASB_1845	1200	10:31	05:05:17.5	+43:38:05	300	91	3.0	#157 IPHAS	2	
0129.COMP	10	10:51	05:05:17.5	+43:38:05	300	91	3.0	#157 IPHAS	2	
0130.IPHASB_1994	1200	10:55	05:40:46.0	+30:02:46	300	91	3.0	#157 IPHAS	2	

UT Date 2009-10-21 Observers W PetersColl. Focus 1820 Grating/Grism 300

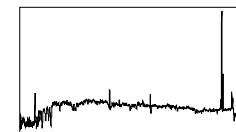
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0131.COMP	10	11:16	05:40:46.0	+30:02:46	300	91	3.0	#157 IPHAS	2	
0132.IPHASB_2090	1100	11:19	06:10:12.4	+21:42:11	300	91	3.0	#157 IPHAS	2	
0133.COMP	10	11:38	06:10:12.4	+21:42:11	300	91	3.0	#157 IPHAS	2	
0134.N2230131595	100	11:40	07:07:21.3	+22:42:13	300	91	3.0	#184 M44 Varia	2	
0135.COMP	10	11:42	07:07:21.3	+22:42:13	300	91	3.0	#184 M44 Varia	2	
0136.N2222020316	100	11:44	07:20:59.0	+24:59:58	300	91	3.0	#184 M44 Varia	2	
0137.COMP	10	11:46	07:20:59.0	+24:59:58	300	91	3.0	#184 M44 Varia	2	
0138.N2230030699	100	11:51	07:36:06.4	+21:14:12	300	26	3.0	#184 M44 Varia	2	
0139.N2230030699	100	11:54	07:36:06.4	+21:14:12	300	26	3.0	#184 M44 Varia	2	
0140.COMP	10	11:56	07:36:06.4	+21:14:12	300	26	3.0	#184 M44 Varia	2	
0141.N2230030699b	600	11:59	07:36:05.7	+21:14:17	300	26	3.0	#184 M44 Varia	2	
0142.N2230030699b	600	12:10	07:36:05.7	+21:14:17	300	26	3.0	#184 M44 Varia	2	
0143.COMP	10	12:21	07:36:05.7	+21:14:17	300	26	3.0	#184 M44 Varia	2	
0144.N23122228397	600	12:25	08:39:52.9	+21:49:55	300	89	3.0	#184 M44 Varia	2	
0145.N23122228397	600	12:35	08:39:52.9	+21:49:55	300	89	3.0	#184 M44 Varia	2	
0146.COMP	10	12:47	08:39:52.9	+21:49:55	300	89	3.0	#184 M44 Varia	2	
0147-0156.BIAS	0	12:54	08:39:52.9	+21:49:55	300	89	3.0	#2 SN Observat	2	
0157-0171.FLAT	7	12:59	08:39:52.9	+21:49:55	300	89	3.0	#2 SN Observat	2	
0172-0176.DARK	900	14:04	08:39:52.9	+21:49:55	300	89	3.0	#2 SN Observat	2	

UT Date 2009-10-22 Observers W PetersColl. Focus 1820 Grating/Grism 300

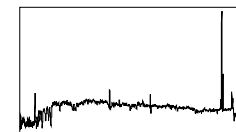
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0001-0010.BIAS	0	23:41	08:39:52.9	+21:49:55	300	89	3.0	#2 SN Observat	2	
0011-0025.FLAT	7	23:47	08:39:52.9	+21:49:55	300	89	3.0	#2 SN Observat	2	
0026-0030.DARK	900	00:53	08:39:52.9	+21:49:55	300	89	3.0	#2 SN Observat	2	
0031.M71	100	01:35	19:53:46.0	+18:46:42	300	89	3.0	#57 Velocity S	2	
0032.COMP	10	01:38	19:53:46.0	+18:46:42	300	89	3.0	#57 Velocity S	2	
0033.M57	100	01:41	18:53:35.0	+33:01:45	300	89	3.0	#57 Velocity S	2	
0034.COMP	10	01:44	18:53:35.0	+33:01:45	300	89	3.0	#57 Velocity S	2	
0035.K10844288	400	01:49	18:51:44.0	+48:16:38	300	89	3.0	#184 M44 Varia	2	
0036.K10844288	300	01:57	18:51:44.0	+48:16:38	300	89	3.0	#184 M44 Varia	2	
0037.COMP	10	02:03	18:51:44.0	+48:16:38	300	89	3.0	#184 M44 Varia	2	
0038.K8153411	300	02:05	19:07:16.3	+44:01:08	300	89	3.0	#184 M44 Varia	2	
0039.COMP	10	02:11	19:07:16.3	+44:01:08	300	89	3.0	#184 M44 Varia	2	
0040.K64036	400	02:15	19:08:21.1	+34:40:40	300	89	3.0	#184 M44 Varia	2	
0041.COMP	10	02:25	19:08:21.1	+34:40:40	300	89	3.0	#184 M44 Varia	2	
0042.sn2009jr	1800	02:31	20:26:26.0	+02:54:31	300	21	3.0	#2 SN Observat	2	
0043.COMP	10	03:02	20:26:26.0	+02:54:31	300	21	3.0	#2 SN Observat	2	
0044.N03131211144	300	03:05	20:40:43.8	+15:46:29	300	91	3.0	#184 M44 Varia	2	
0045.COMP	10	03:11	20:40:43.8	+15:46:29	300	91	3.0	#184 M44 Varia	2	
0046.N0313133784	100	03:13	20:42:42.1	+14:11:13	300	91	3.0	#184 M44 Varia	2	
0047.COMP	10	03:15	20:42:42.1	+14:11:13	300	91	3.0	#184 M44 Varia	2	

UT Date 2009-10-22 Observers W PetersColl. Focus 1820 Grating/Grism 300

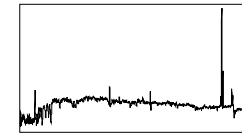
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0049.COMP	10	03:24	20:58:20.0	+04:11:31	300	91	3.0	#184 M44 Varia	2	
0050.N0310033448	300	03:26	20:58:20.0	+04:11:31	300	91	3.0	#184 M44 Varia	2	
0051.COMP	10	03:32	20:58:20.0	+04:11:31	300	91	3.0	#184 M44 Varia	2	
0052.N0310132323	180	03:34	21:14:26.2	+10:53:20	300	91	3.0	#184 M44 Varia	2	
0053.COMP	10	03:38	21:14:26.2	+10:53:20	300	91	3.0	#184 M44 Varia	2	
0054.N0020201341	180	03:40	21:28:34.6	+09:57:40	300	91	3.0	#184 M44 Varia	2	
0055.COMP	10	03:44	21:28:34.6	+09:57:40	300	91	3.0	#184 M44 Varia	2	
0056.N002020367	100	03:46	21:31:25.1	+10:35:37	300	91	3.0	#184 M44 Varia	2	
0057.COMP	10	03:49	21:31:25.1	+10:35:37	300	91	3.0	#184 M44 Varia	2	
0058.N0023101522	120	03:51	21:38:47.5	+09:59:16	300	91	3.0	#184 M44 Varia	2	
0059.COMP	10	03:54	21:38:47.5	+09:59:16	300	91	3.0	#184 M44 Varia	2	
0060.N0023113178	60	03:57	21:40:38.2	+07:40:25	300	91	3.0	#184 M44 Varia	2	
0061.COMP	10	03:58	21:40:38.2	+07:40:25	300	91	3.0	#184 M44 Varia	2	
0062.N002010375	200	04:01	21:41:33.3	+01:24:56	300	91	3.0	#184 M44 Varia	2	
0063.COMP	10	04:05	21:41:33.3	+01:24:56	300	91	3.0	#184 M44 Varia	2	
0064.N0023110209	60	04:07	21:41:52.2	+07:07:35	300	91	3.0	#184 M44 Varia	2	
0065.COMP	10	04:09	21:41:52.2	+07:07:35	300	91	3.0	#184 M44 Varia	2	
0066.S3213223162	120	04:12	21:43:34.9	-07:49:58	300	91	3.0	#184 M44 Varia	2	
0067.COMP	10	04:14	21:43:34.9	-07:49:58	300	91	3.0	#184 M44 Varia	2	

UT Date 2009-10-22 Observers W PetersColl. Focus 1820 Grating/Grism 300

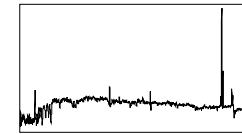
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0069.COMP	10	04:20	21:06:26.3	+17:57:07	300	91	3.0	#184 M44 Varia	2	
0070.N0313222857	120	04:21	21:10:23.5	+14:04:46	300	91	3.0	#184 M44 Varia	2	
0071.COMP	10	04:24	21:10:23.5	+14:04:46	300	91	3.0	#184 M44 Varia	2	
0072.sn2009jf	1800	04:27	23:04:53.0	+12:20:00	300	91	3.0	#2 SN Observat	2	
0073.COMP	10	04:58	23:04:53.0	+12:20:00	300	91	3.0	#2 SN Observat	2	
0074.IPHASB_4440	1200	05:06	23:46:49.5	+64:01:39	300	91	3.0	#157 IPHAS	2	
0075.COMP	10	05:26	23:46:49.5	+64:01:39	300	91	3.0	#157 IPHAS	2	
0076.IPHASB_4450	1200	05:29	23:48:40.2	+59:41:17	300	91	3.0	#157 IPHAS	2	
0077.COMP	10	05:50	23:48:40.2	+59:41:17	300	91	3.0	#157 IPHAS	2	
0078.IPHASB_1120	1200	05:53	00:39:23.6	+59:52:52	300	91	3.0	#157 IPHAS	2	
0079.COMP	10	06:14	00:39:23.6	+59:52:52	300	91	3.0	#157 IPHAS	2	
0080.IPHASB_1229	1200	06:16	01:21:53.1	+61:25:29	300	71	3.0	#157 IPHAS	2	
0081.COMP	10	06:37	01:21:53.1	+61:25:29	300	71	3.0	#157 IPHAS	2	
0082.IPHASB_1231	1400	06:40	01:22:16.5	+62:14:48	300	89	3.0	#157 IPHAS	2	
0083.COMP	10	07:04	01:22:16.5	+62:14:48	300	89	3.0	#157 IPHAS	2	
0084.IPHASB_1288	1200	07:06	01:45:50.3	+57:34:03	300	89	3.0	#157 IPHAS	2	
0085.COMP	10	07:27	01:45:50.3	+57:34:03	300	89	3.0	#157 IPHAS	2	
0086.IPHASB_1385	1200	07:29	02:11:31.7	+58:15:55	300	89	3.0	#157 IPHAS	2	
0087.COMP	10	07:50	02:11:31.7	+58:15:55	300	89	3.0	#157 IPHAS	2	

UT Date 2009-10-22 Observers W PetersColl. Focus 1820 Grating/Grism 300

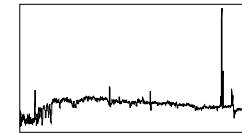
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0089.COMP	10	08:26	02:42:15.4	+42:23:50	300	89	3.0	#2 SN Observat	2	
0090.Feige25	180	08:41	02:38:37.8	+05:28:11	300	89	3.0	#56 Spectropho	2	
0091.Feige25	180	08:45	02:38:37.8	+05:28:11	300	89	3.0	#56 Spectropho	2	
0092.Feige25	180	08:48	02:38:37.8	+05:28:11	300	89	3.0	#56 Spectropho	2	
0093.COMP	10	08:51	02:38:37.8	+05:28:11	300	89	3.0	#56 Spectropho	2	
0094.Feige25	240	08:53	02:38:37.8	+05:28:11	300	26	3.0	#56 Spectropho	2	
0095.Feige25	240	08:58	02:38:37.8	+05:28:11	300	26	3.0	#56 Spectropho	2	
0096.COMP	10	09:02	02:38:37.8	+05:28:11	300	26	3.0	#56 Spectropho	2	
0097.HD19445	10	09:05	03:08:25.6	+26:19:51	300	89	3.0	#56 Spectropho	2	
0098.HD19445	10	09:05	03:08:25.6	+26:19:51	300	89	3.0	#56 Spectropho	2	
0099.HD19445	10	09:06	03:08:25.6	+26:19:51	300	89	3.0	#56 Spectropho	2	
0100.COMP	10	09:07	03:08:25.6	+26:19:51	300	89	3.0	#56 Spectropho	2	
0101.IPHASB_1692	1200	09:12	04:02:08.5	+49:40:29	300	89	3.0	#157 IPHAS	2	
0102.COMP	10	09:37	04:02:08.5	+49:40:29	300	89	3.0	#157 IPHAS	2	
0103.IPHASB_1718	1400	09:40	04:13:37.0	+47:18:27	300	89	3.0	#157 IPHAS	2	
0104.COMP	10	10:04	04:13:37.0	+47:18:27	300	89	3.0	#157 IPHAS	2	
0105.IPHASB_1824	1200	10:08	04:56:04.4	+47:23:12	300	89	3.0	#157 IPHAS	2	
0106.COMP	10	10:29	04:56:04.4	+47:23:12	300	89	3.0	#157 IPHAS	2	
0107.IPHASB_1829	1200	10:32	04:57:17.5	+40:21:22	300	89	3.0	#157 IPHAS	2	

UT Date 2009-10-22 Observers W PetersColl. Focus 1820 Grating/Grism 300

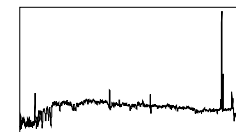
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0109.N2230030699	200	10:58	07:36:06.4	+21:14:12	300	31	3.0	#184 M44 Varia	2	
0110.COMP	10	11:01	07:36:06.4	+21:14:12	300	31	3.0	#184 M44 Varia	2	
0111.N2230030699b	600	11:03	07:36:05.7	+21:14:17	300	31	3.0	#184 M44 Varia	2	
0112.N2230030699b	600	11:15	07:36:05.7	+21:14:17	300	31	3.0	#184 M44 Varia	2	
0113.COMP	10	11:26	07:36:05.7	+21:14:17	300	31	3.0	#184 M44 Varia	2	
0114.N2301121395	400	11:29	08:03:37.9	+35:00:07	300	70	3.0	#184 M44 Varia	2	
0115.COMP	10	11:37	08:03:37.9	+35:00:07	300	70	3.0	#184 M44 Varia	2	
0116.N2332203458	200	11:39	08:17:44.6	+36:26:06	300	89	3.0	#184 M44 Varia	2	
0117.COMP	10	11:43	08:17:44.6	+36:26:06	300	89	3.0	#184 M44 Varia	2	
0118.N2210301405	30	11:46	08:28:03.0	+04:12:42	300	89	3.0	#184 M44 Varia	2	
0119.COMP	10	11:47	08:28:03.0	+04:12:42	300	89	3.0	#184 M44 Varia	2	
0120.N233321051	30	11:54	09:05:43.5	+39:52:35	300	89	3.0	#184 M44 Varia	2	
0121.COMP	10	11:55	09:05:43.5	+39:52:35	300	89	3.0	#184 M44 Varia	2	
0122.N23122228397	1000	11:59	08:39:52.9	+21:49:55	300	89	3.0	#184 M44 Varia	2	
0123.COMP	10	12:16	08:39:52.9	+21:49:55	300	89	3.0	#184 M44 Varia	2	
0124.N2330310125	120	12:19	09:34:08.8	+26:28:05	300	89	3.0	#184 M44 Varia	2	
0125.COMP	10	12:21	09:34:08.8	+26:28:05	300	89	3.0	#184 M44 Varia	2	
0126.N2330133210	60	12:23	09:45:34.3	+34:30:43	300	89	3.0	#184 M44 Varia	2	
0127.COMP	10	12:24	09:45:34.3	+34:30:43	300	89	3.0	#184 M44 Varia	2	

UT Date 2009-10-22 Observers W PetersColl. Focus 1820 Grating/Grism 300

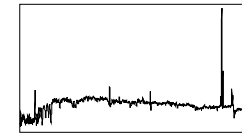
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0128.N2022112172	15	12:28	09:51:02.0	+13:03:58	300	89	3.0	#184 M44 Varia	2	
0129.COMP	10	12:28	09:51:02.0	+13:03:58	300	89	3.0	#184 M44 Varia	2	
0130.N2022112172	3	12:30	09:51:02.0	+13:03:58	300	89	3.0	#184 M44 Varia	2	
0131.COMP	10	12:30	09:51:02.0	+13:03:58	300	89	3.0	#184 M44 Varia	2	
0132-0141.BIAS	0	12:38	09:51:02.0	+13:03:58	300	89	3.0	#2 SN Observat	2	
0142-0156.FLAT	7	12:44	09:51:02.0	+13:03:58	300	89	3.0	#2 SN Observat	2	
0157-0161.DARK	900	13:48	09:51:02.0	+13:03:58	300	89	3.0	#2 SN Observat	2	

UT Date 2009-10-23 Observers W PetersColl. Focus 1820 Grating/Grism 300

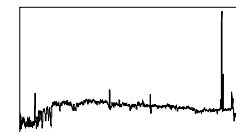
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0011-0025.FLAT	7	23:59	09:51:02.0	+13:03:58	300	89	3.0	#2 SN Observat	2	
0026-0030.DARK	900	01:02	09:51:02.0	+13:03:58	300	89	3.0	#2 SN Observat	2	
0031.M57	120	01:35	18:53:35.0	+33:01:45	300	89	3.0	#57 Velocity S	2	
0032.M57	120	01:38	18:53:35.0	+33:01:45	300	89	3.0	#57 Velocity S	2	
0033.COMP	10	01:40	18:53:35.0	+33:01:45	300	89	3.0	#57 Velocity S	2	
0034.J202433.49+393137.3	300	01:47	20:24:33.5	+39:31:37	300	89	3.0	#190 Cygnus X	2	
0035.COMP	10	01:54	20:24:33.5	+39:31:37	300	89	3.0	#190 Cygnus X	2	
0036.J202231.66+385308.7	300	01:59	20:22:31.6	+38:53:08	300	89	3.0	#190 Cygnus X	2	
0037.COMP	10	02:05	20:22:31.6	+38:53:08	300	89	3.0	#190 Cygnus X	2	
0038.J202231.66+385308.7	600	02:09	20:22:31.6	+38:53:08	300	89	3.0	#190 Cygnus X	2	
0039.COMP	10	02:19	20:22:31.6	+38:53:08	300	89	3.0	#190 Cygnus X	2	
0040.sn2009jr	1800	02:26	20:26:26.0	+02:54:31	300	20	3.0	#2 SN Observat	2	
0041.COMP	10	02:57	20:26:26.0	+02:54:31	300	20	3.0	#2 SN Observat	2	
0042.BFCyg	15	03:05	19:23:53.0	+29:40:27	300	89	3.0	#12 Symbiotic	2	
0043.BFCyg	15	03:05	19:23:53.0	+29:40:27	300	89	3.0	#12 Symbiotic	2	
0044.COMP	10	03:06	19:23:53.0	+29:40:27	300	89	3.0	#12 Symbiotic	2	
0045.CHCyg	1	03:08	19:24:33.0	+50:14:30	300	89	3.0	#12 Symbiotic	2	
0046.CHCyg	5	03:08	19:24:33.0	+50:14:30	300	89	3.0	#12 Symbiotic	2	
0047.CHCyg	30	03:08	19:24:33.0	+50:14:30	300	89	3.0	#12 Symbiotic	2	

UT Date 2009-10-23 Observers W PetersColl. Focus 1820 Grating/Grism 300

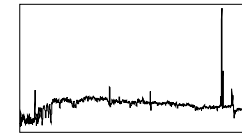
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0049.CICyg	4	03:13	19:50:12.0	+35:41:02	300	89	3.0	#12 Symbiotic	2	
0050.CICyg	15	03:13	19:50:12.0	+35:41:02	300	89	3.0	#12 Symbiotic	2	
0051.COMP	10	03:14	19:50:12.0	+35:41:02	300	89	3.0	#12 Symbiotic	2	
0052.BDp284211	120	03:16	21:51:11.0	+28:51:50	300	89	3.0	#56 Spectropho	2	
0053.BDp284211	120	03:19	21:51:11.0	+28:51:50	300	89	3.0	#56 Spectropho	2	
0054.COMP	10	03:21	21:51:11.0	+28:51:50	300	89	3.0	#56 Spectropho	2	
0055.BDp174708	45	03:23	22:11:31.4	+18:05:34	300	89	3.0	#56 Spectropho	2	
0056.BDp174708	45	03:24	22:11:31.4	+18:05:34	300	89	3.0	#56 Spectropho	2	
0057.BDp174708	45	03:25	22:11:31.4	+18:05:34	300	89	3.0	#56 Spectropho	2	
0058.COMP	10	03:26	22:11:31.4	+18:05:34	300	89	3.0	#56 Spectropho	2	
0059.K10003658	120	03:28	19:13:15.5	+46:58:56	300	89	3.0	#184 M44 Varia	2	
0060.COMP	10	03:31	19:13:15.5	+46:58:56	300	89	3.0	#184 M44 Varia	2	
0061.NO303130834	1	03:33	19:28:47.6	+46:02:38	300	89	3.0	#184 M44 Varia	2	
0062.NO303130834	1	03:33	19:28:47.6	+46:02:38	300	89	3.0	#184 M44 Varia	2	
0063.NO303130834	5	03:34	19:28:47.6	+46:02:38	300	89	3.0	#184 M44 Varia	2	
0064.COMP	10	03:34	19:28:47.6	+46:02:38	300	89	3.0	#184 M44 Varia	2	
0065.NO3030221355	120	03:36	19:43:28.7	+41:40:07	300	89	3.0	#184 M44 Varia	2	
0066.COMP	10	03:38	19:43:28.7	+41:40:07	300	89	3.0	#184 M44 Varia	2	
0067.K9841401	120	03:40	19:43:40.5	+46:40:03	300	89	3.0	#184 M44 Varia	2	

UT Date 2009-10-23 Observers W PetersColl. Focus 1820 Grating/Grism 300

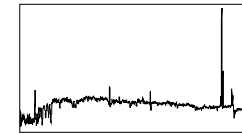
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0069.K12071221	10	03:45	19:44:48.2	+50:31:30	300	89	3.0	#184 M44 Varia	2	
0070.K12071221	60	03:46	19:44:48.2	+50:31:30	300	89	3.0	#184 M44 Varia	2	
0071.COMP	10	03:48	19:44:48.2	+50:31:30	300	89	3.0	#184 M44 Varia	2	
0072.K12423771	60	03:49	19:53:55.0	+51:13:17	300	89	3.0	#184 M44 Varia	2	
0073.COMP	10	03:51	19:53:55.0	+51:13:17	300	89	3.0	#184 M44 Varia	2	
0074.K686776	30	03:53	19:59:06.9	+36:28:19	300	89	3.0	#184 M44 Varia	2	
0075.COMP	10	03:54	19:59:06.9	+36:28:19	300	89	3.0	#184 M44 Varia	2	
0076.K11104511	600	03:56	20:00:36.9	+48:37:31	300	89	3.0	#184 M44 Varia	2	
0077.COMP	10	04:07	20:00:36.9	+48:37:31	300	89	3.0	#184 M44 Varia	2	
0078.K12185323	400	04:09	20:11:05.4	+50:43:15	300	89	3.0	#184 M44 Varia	2	
0079.COMP	10	04:17	20:11:05.4	+50:43:15	300	89	3.0	#184 M44 Varia	2	
0080.K4974759	30	04:20	20:11:54.4	+40:00:30	300	89	3.0	#184 M44 Varia	2	
0081.COMP	10	04:22	20:11:54.4	+40:00:30	300	89	3.0	#184 M44 Varia	2	
0082.K3303451	5	04:24	20:12:44.4	+38:23:31	300	89	3.0	#184 M44 Varia	2	
0083.COMP	10	04:25	20:12:44.4	+38:23:31	300	89	3.0	#184 M44 Varia	2	
0084.ZAnd	1	04:27	23:33:40.0	+48:49:06	300	89	3.0	#12 Symbiotic	2	
0085.ZAnd	5	04:27	23:33:40.0	+48:49:06	300	89	3.0	#12 Symbiotic	2	
0086.ZAnd	30	04:28	23:33:40.0	+48:49:06	300	89	3.0	#12 Symbiotic	2	
0087.COMP	10	04:28	23:33:40.0	+48:49:06	300	89	3.0	#12 Symbiotic	2	

UT Date 2009-10-23 Observers W PetersColl. Focus 1820 Grating/Grism 300

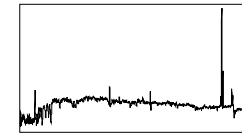
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0088.IPHASB_4357	600	04:34	23:18:54.3	+58:51:01	300	89	3.0	#157 IPHAS	2	
0089.COMP	10	04:45	23:18:54.3	+58:51:01	300	89	3.0	#157 IPHAS	2	
0090.IPHASB_4393	900	04:48	23:28:47.5	+61:36:13	300	89	3.0	#157 IPHAS	2	
0091.COMP	10	05:03	23:28:47.5	+61:36:13	300	89	3.0	#157 IPHAS	2	
0092.IPHASB_4451	900	05:06	23:48:41.8	+61:59:22	300	80	3.0	#157 IPHAS	2	
0093.COMP	10	05:22	23:48:41.8	+61:59:22	300	80	3.0	#157 IPHAS	2	
0094.IPHASB_4489	500	05:26	23:58:04.3	+63:14:59	300	90	3.0	#157 IPHAS	2	
0095.COMP	10	05:35	23:58:04.3	+63:14:59	300	90	3.0	#157 IPHAS	2	
0096.IPHASB_4487	500	05:37	23:57:34.8	+64:46:49	300	90	3.0	#157 IPHAS	2	
0097.IPHASB_1101	1200	06:01	00:30:08.5	+60:02:38	300	90	3.0	#157 IPHAS	2	
0098.COMP	10	06:21	00:30:08.5	+60:02:38	300	90	3.0	#157 IPHAS	2	
0099.IPHASB_1238	1500	06:28	01:24:30.7	+62:21:56	300	90	3.0	#157 IPHAS	2	
0100.COMP	10	06:54	01:24:30.7	+62:21:56	300	90	3.0	#157 IPHAS	2	
0101.M33	240	07:02	01:34:32.0	+30:48:00	300	90	3.0	#57 Velocity S	2	
0102.M33	240	07:07	01:34:32.0	+30:48:00	300	90	3.0	#57 Velocity S	2	
0103.COMP	10	07:11	01:34:32.0	+30:48:00	300	90	3.0	#57 Velocity S	2	
0104.M74	120	07:18	01:36:42.0	+15:46:58	300	90	3.0	#57 Velocity S	2	
0105.M74	300	07:21	01:36:42.0	+15:46:58	300	90	3.0	#57 Velocity S	2	
0106.COMP	10	07:28	01:36:42.0	+15:46:58	300	90	3.0	#57 Velocity S	2	
0107.sn2009ig	1200	07:36	02:38:11.6	-01:18:45	300	1	3.0	#2 SN Observat	2	

UT Date 2009-10-23 Observers W PetersColl. Focus 1820 Grating/Grism 300

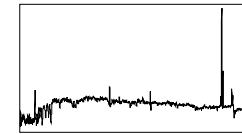
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0108.COMP	10	07:57	02:38:11.6	-01:18:45	300	1	3.0	#2 SN Observat	2	
0109.03033216+4937197	1200	08:08	03:03:32.2	+49:37:20	300	90	3.0	#141 Mapping t	2	
0110.COMP	10	08:28	03:03:32.2	+49:37:20	300	90	3.0	#141 Mapping t	2	
0111.03065736+4728241	1200	08:31	03:06:57.4	+47:28:24	300	90	3.0	#141 Mapping t	2	
0112.COMP	10	08:52	03:06:57.4	+47:28:24	300	90	3.0	#141 Mapping t	2	
0113.sn2009kk	1200	09:03	03:49:44.3	-03:15:52	300	1	3.0	#2 SN Observat	2	
0114.COMP	10	09:23	03:49:44.3	-03:15:52	300	1	3.0	#2 SN Observat	2	
0115.04094391+0459390	1200	09:32	04:09:43.9	+04:59:39	300	90	3.0	#141 Mapping t	2	
0116.COMP	10	09:52	04:09:43.9	+04:59:39	300	90	3.0	#141 Mapping t	2	
0117.04214569+1132009	1200	09:55	04:21:45.7	+11:32:01	300	90	3.0	#141 Mapping t	2	
0118.COMP	10	10:16	04:21:45.7	+11:32:01	300	90	3.0	#141 Mapping t	2	
0119.05065055+2640140	1500	10:20	05:06:50.5	+26:40:14	300	90	3.0	#141 Mapping t	2	
0120.COMP	10	10:45	05:06:50.5	+26:40:14	300	90	3.0	#141 Mapping t	2	
0121.M1	60	10:48	05:34:32.0	+22:00:52	300	90	3.0	#57 Velocity S	2	
0122.COMP	10	10:51	05:34:32.0	+22:00:52	300	90	3.0	#57 Velocity S	2	
0123.cvso-31022	1200	10:59	05:16:33.0	-00:42:31	300	90	3.0	#112 Orion PMS	2	
0124.COMP	10	11:19	05:16:33.0	-00:42:31	300	90	3.0	#112 Orion PMS	2	
0125.cvso-84986	1000	11:24	05:59:58.2	+00:52:07	300	90	3.0	#112 Orion PMS	2	
0126.COMP	10	11:41	05:59:58.2	+00:52:07	300	90	3.0	#112 Orion PMS	2	
0127.cvso-54569	1200	11:42	05:59:59.8	-00:14:12	300	90	3.0	#112 Orion PMS	2	

UT Date 2009-10-23 Observers W PetersColl. Focus 1820 Grating/Grism 300

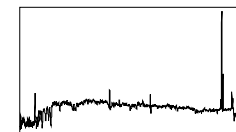
<i>File</i>	<i>Exp Time</i>	<i>UT Start</i>	<i>RA</i>	<i>Dec</i>	<i>Gr.</i>	<i>P.A.</i>	<i>Slit</i>	<i>Program</i>	<i>Bin</i>	<i>Comments</i>
0128.COMP	10	12:03	05:59:59.8	-00:14:12	300	90	3.0	#112 Orion PMS	2	
0129.N2230030699	200	12:08	07:36:06.4	+21:14:12	300	30	3.0	#184 M44 Varia	2	
0130.COMP	10	12:12	07:36:06.4	+21:14:12	300	30	3.0	#184 M44 Varia	2	
0131.N2230030699	120	12:13	07:36:06.4	+21:14:12	300	30	3.0	#184 M44 Varia	2	
0132.COMP	10	12:16	07:36:06.4	+21:14:12	300	30	3.0	#184 M44 Varia	2	
0133.N23122228397	1200	12:19	08:39:52.9	+21:49:55	300	89	3.0	#184 M44 Varia	2	
0134.COMP	10	12:39	08:39:52.9	+21:49:55	300	89	3.0	#184 M44 Varia	2	
0135-0144.BIAS	0	12:48	08:39:52.9	+21:49:55	300	89	3.0	#2 SN Observat	2	
0145-0159.FLAT	7	12:53	08:39:52.9	+21:49:55	300	89	3.0	#2 SN Observat	2	
0160-0164.DARK	900	13:57	08:39:52.9	+21:49:55	300	89	3.0	#2 SN Observat	2	

UT Date 2009-10-24 Observers X KoenigColl. Focus 1820 Grating/Grism 600

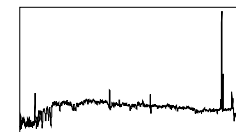
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001-0010.BIAS	0	23:32	08:39:52.9	+21:49:55	300	89	3.0	#2 SN Observat	2	
0011-0025.FLAT	7	23:40	08:39:52.9	+21:49:55	300	89	3.0	#2 SN Observat	2	
0026-0030.DARK	900	00:43	08:39:52.9	+21:49:55	300	89	3.0	#2 SN Observat	2	
0031-0034.FLAT	7	01:00	08:39:52.9	+21:49:55	300	89	3.0	#2 SN Observat	2	
0035-0045.FLAT	7	01:03	08:39:52.9	+21:49:55	600	89	300	D-2	2	
0046.1ES1959p650	300	01:38	19:59:59.8	+65:08:55	600	89	300	#6 AGN Monitor	2	
0047.COMP	10	01:44	19:59:59.8	+65:08:55	600	89	300	#6 AGN Monitor	2	
0048.1ES1959p650	300	01:55	19:59:59.8	+65:08:55	600	89	300	#6 AGN Monitor	2	
0049.COMP	10	02:00	19:59:59.8	+65:08:55	600	89	300	#6 AGN Monitor	2	
0050.M57	120	02:05	18:53:35.0	+33:01:45	600	89	300	#57 Velocity S	2	
0051.COMP	10	02:08	18:53:35.0	+33:01:45	600	89	300	#57 Velocity S	2	
0052.M57	120	02:08	18:53:35.0	+33:01:45	600	89	300	#57 Velocity S	2	
0053.COMP	10	02:11	18:53:35.0	+33:01:45	600	89	300	#57 Velocity S	2	
0054.J202236.85+384418.7	300	02:19	20:22:36.8	+38:44:19	600	100	300	#190 Cygnus X	2	
0055.COMP	10	02:26	20:22:36.8	+38:44:19	600	100	300	#190 Cygnus X	2	
0056.J202247.89+384532.0	300	02:29	20:22:47.9	+38:45:32	600	90	300	#190 Cygnus X	2	
0057.COMP	10	02:34	20:22:47.9	+38:45:32	600	90	300	#190 Cygnus X	2	
0058.J202248.83+393305.6	200	02:37	20:22:48.8	+39:33:05	600	90	300	#190 Cygnus X	2	
0059.COMP	10	02:41	20:22:48.8	+39:33:05	600	90	300	#190 Cygnus X	2	
0060.J202250.83+393017.9	180	02:44	20:22:50.8	+39:30:18	600	90	300	#190 Cygnus X	2	

UT Date 2009-10-24 Observers X KoenigColl. Focus 1820 Grating/Grism 600

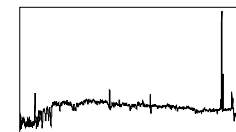
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0061.COMP	10	02:48	20:22:50.8	+39:30:18	600	90	300	#190 Cygnus X	2	
0062.J202253.76+383957.3	180	02:50	20:22:53.8	+38:39:58	600	90	300	#190 Cygnus X	2	
0063.COMP	10	02:53	20:22:53.8	+38:39:58	600	90	300	#190 Cygnus X	2	
0064.J202313.87+393342.4	180	02:56	20:23:13.8	+39:33:43	600	90	300	#190 Cygnus X	2	
0065.COMP	10	03:00	20:23:13.8	+39:33:43	600	90	300	#190 Cygnus X	2	
0066.J202315.20+392431.7	180	03:02	20:23:15.1	+39:24:32	600	90	300	#190 Cygnus X	2	
0067.COMP	10	03:06	20:23:15.1	+39:24:32	600	90	300	#190 Cygnus X	2	
0068.BDp284211	120	03:09	21:51:11.0	+28:51:50	600	90	300	#56 Spectropho	2	
0069.BDp284211	120	03:11	21:51:11.0	+28:51:50	600	90	300	#56 Spectropho	2	
0070.COMP	10	03:14	21:51:11.0	+28:51:50	600	90	300	#56 Spectropho	2	
0071.BDp174708	45	03:17	22:11:31.4	+18:05:34	600	90	300	#56 Spectropho	2	
0072.BDp174708	45	03:18	22:11:31.4	+18:05:34	600	90	300	#56 Spectropho	2	
0073.BDp174708	45	03:19	22:11:31.4	+18:05:34	600	90	300	#56 Spectropho	2	
0074.COMP	10	03:20	22:11:31.4	+18:05:34	600	90	300	#56 Spectropho	2	
0075.J202315.70+384806.3	200	03:25	20:23:15.6	+38:48:06	600	90	300	#190 Cygnus X	2	
0076.J202315.70+384806.3	300	03:29	20:23:15.6	+38:48:06	600	90	300	#190 Cygnus X	2	
0077.COMP	10	03:35	20:23:15.6	+38:48:06	600	90	300	#190 Cygnus X	2	
0078.J202319.64+384759.6	360	03:37	20:23:19.6	+38:48:00	600	90	300	#190 Cygnus X	2	
0079.COMP	10	03:45	20:23:19.6	+38:48:00	600	90	300	#190 Cygnus X	2	
0080.sn2009jf	1800	03:48	23:04:53.0	+12:20:00	600	20	300	#2 SN Observat	2	

UT Date 2009-10-24 Observers X KoenigColl. Focus 1820 Grating/Grism 600

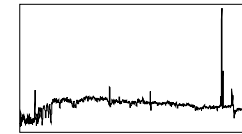
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0081.COMP	10	04:19	23:04:53.0	+12:20:00	600	20	300	#02 SN Observat	2	
0082.N7469	120	04:25	23:03:15.7	+08:52:27	600	89	300	#06 AGN Monitor	2	
0083.N7469	120	04:27	23:03:15.7	+08:52:27	600	89	300	#06 AGN Monitor	2	
0084.COMP	10	04:30	23:03:15.7	+08:52:27	600	89	300	#06 AGN Monitor	2	
0085.IPHASB_4324	360	04:35	23:11:49.0	+61:43:22	600	89	300	#0157 IPHAS	2	
0086.COMP	10	04:42	23:11:49.0	+61:43:22	600	89	300	#0157 IPHAS	2	
0087.IPHASB_4355	360	04:45	23:18:19.4	+63:03:45	600	89	300	#0157 IPHAS	2	
0088.COMP	10	04:52	23:18:19.4	+63:03:45	600	89	300	#0157 IPHAS	2	
0089.IPHASB_4375	360	04:54	23:21:29.0	+57:23:50	600	89	300	#0157 IPHAS	2	
0090.COMP	10	05:01	23:21:29.0	+57:23:50	600	89	300	#0157 IPHAS	2	
0091.IPHASB_4409	300	05:05	23:32:04.2	+59:12:02	600	89	300	#0157 IPHAS	2	
0092.COMP	10	05:10	23:32:04.2	+59:12:02	600	89	300	#0157 IPHAS	2	
0093.IPHASB_4433	300	05:14	23:45:16.0	+58:53:48	600	71	300	#0157 IPHAS	2	
0094.COMP	10	05:19	23:45:16.0	+58:53:48	600	71	300	#0157 IPHAS	2	
0095.00112171+5231437	1800	05:25	00:11:21.7	+52:31:44	600	89	300	#0141 Mapping t	2	
0096.COMP	10	05:56	00:11:21.7	+52:31:44	600	89	300	#0141 Mapping t	2	
0097.01290515+5510530	1500	06:08	01:29:05.2	+55:10:53	600	89	300	#0141 Mapping t	2	
0098.COMP	10	06:33	01:29:05.2	+55:10:53	600	89	300	#0141 Mapping t	2	
0099.01400027+5550587	1500	06:37	01:40:00.3	+55:50:59	600	89	300	#0141 Mapping t	2	
0100.sn2009iz	1800	07:15	02:42:15.4	+42:23:50	600	42	300	#02 SN Observat	2	

UT Date 2009-10-24 Observers X KoenigColl. Focus 1820 Grating/Grism 600

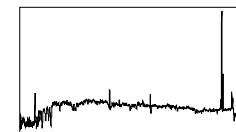
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0101.COMP	10	07:45	02:42:15.4	+42:23:50	600	42	300	#02 SN Observat	2	
0102.59709	100	07:53	02:57:50.8	+60:19:49	600	109	300	#0190 W5 AB Sta	2	
0103.COMP	10	07:55	02:57:50.8	+60:19:49	600	109	300	#0190 W5 AB Sta	2	
0104.53152	90	07:58	02:51:19.6	+60:14:44	600	90	300	#0190 W5 AB Sta	2	
0105.COMP	10	08:00	02:51:19.6	+60:14:44	600	90	300	#0190 W5 AB Sta	2	
0106.36455	360	08:02	02:49:24.0	+60:03:42	600	90	300	#0190 W5 AB Sta	2	
0107.COMP	10	08:09	02:49:24.0	+60:03:42	600	90	300	#0190 W5 AB Sta	2	
0108.59894	480	08:11	02:51:39.0	+60:18:53	600	90	300	#0190 W5 AB Sta	2	
0109.COMP	10	08:20	02:51:39.0	+60:18:53	600	90	300	#0190 W5 AB Sta	2	
0110.62039	100	08:22	02:51:45.0	+60:20:13	600	90	300	#0190 W5 AB Sta	2	
0111.COMP	10	08:24	02:51:45.0	+60:20:13	600	90	300	#0190 W5 AB Sta	2	
0112.98300	240	08:27	02:55:00.8	+60:41:22	600	90	300	#0190 W5 AB Sta	2	
0113.COMP	10	08:32	02:55:00.8	+60:41:22	600	90	300	#0190 W5 AB Sta	2	
0114.81026	360	08:34	02:59:35.1	+60:32:07	600	90	300	#0190 W5 AB Sta	2	
0115.COMP	10	08:40	02:59:35.1	+60:32:07	600	90	300	#0190 W5 AB Sta	2	
0116.22345	400	08:42	02:49:28.5	+59:52:48	600	90	300	#0190 W5 AB Sta	2	
0117.COMP	10	08:50	02:49:28.5	+59:52:48	600	90	300	#0190 W5 AB Sta	2	
0118.86059	400	08:52	02:58:00.2	+60:34:46	600	90	300	#0190 W5 AB Sta	2	
0119.COMP	10	08:59	02:58:00.2	+60:34:46	600	90	300	#0190 W5 AB Sta	2	
0120.sn2009kk	1200	09:03	03:49:44.3	-03:15:52	600	90	300	#02 SN Observat	2	

UT Date 2009-10-24 Observers X KoenigColl. Focus 1820 Grating/Grism 600

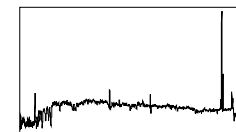
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0121.COMP	10	09:23	03:49:44.3	-03:15:52	600	90	300	#02 SN Observat	2	
0122.C055120.9+631808	900	09:32	05:51:21.0	+63:18:09	600	90	300	#0188 Dwarf C S	2	
0123.COMP	10	09:48	05:51:21.0	+63:18:09	600	90	300	#0188 Dwarf C S	2	
0124.cvso-37048	1000	10:05	05:16:37.4	+00:57:50	600	90	300	#0112 Orion PMS	2	
0125.cvso-37048	172	10:23	05:16:37.4	+00:57:50	600	90	300	#0112 Orion PMS	2	
0126.cvso-37048	1000	10:27	05:16:37.4	+00:57:50	600	90	300	#0112 Orion PMS	2	
0127.COMP	10	10:44	05:16:37.4	+00:57:50	600	90	300	#0112 Orion PMS	2	
0128.cvso-33594	1000	10:46	05:33:56.0	+00:03:19	600	90	300	#0112 Orion PMS	2	
0129.COMP	10	11:05	05:33:56.0	+00:03:19	600	90	300	#0112 Orion PMS	2	
0130.cvso-64190	1000	11:07	05:53:02.9	-01:09:59	600	90	300	#0112 Orion PMS	2	
0131.COMP	10	11:24	05:53:02.9	-01:09:59	600	90	300	#0112 Orion PMS	2	
0132.cvso-86406	1100	11:27	05:58:42.4	+01:35:46	600	90	300	#0112 Orion PMS	2	
0133.COMP	10	11:46	05:58:42.4	+01:35:46	600	90	300	#0112 Orion PMS	2	
0134.cvso-58291	1200	11:48	05:59:56.3	-02:20:17	600	90	300	#0112 Orion PMS	2	
0135.COMP	10	12:08	05:59:56.3	-02:20:17	600	90	300	#0112 Orion PMS	2	
0136-0140.DARK	900	13:10	05:59:56.3	-02:20:17	600	90	300	#0112 Orion PMS	2	
0141-0150.BIAS	0	13:28	05:59:56.3	-02:20:17	600	90	300	#0112 Orion PMS	2	
0151-0165.FLAT	7	13:33	05:59:56.3	-02:20:17	600	90	300	#0112 Orion PMS	2	

UT Date 2009-10-25 Observers X KoenigColl. Focus 1820 Grating/Grism 300

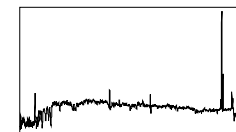
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001-0010.BIAS	0	23:34	05:59:56.3	-02:20:17	600	90	300	#112 Orion PMS	2	
0011-0025.FLAT	7	23:39	05:59:56.3	-02:20:17	600	90	300	#112 Orion PMS	2	
0026-0030.DARK	900	00:42	05:59:56.3	-02:20:17	300	90	3.0	#112 Orion PMS	2	
0031.sn2009jr	1800	02:00	20:26:26.0	+02:54:31	300	20	3.0	#2 SN Observat	2	
0032.COMP	10	02:31	20:26:26.0	+02:54:31	300	20	3.0	#2 SN Observat	2	
0033.N7331	600	02:36	22:37:04.1	+34:24:56	300	90	3.0	#57 Velocity S	2	
0034.COMP	10	02:46	22:37:04.1	+34:24:56	300	90	3.0	#57 Velocity S	2	
0035.J202317.62+385011.8	100	02:50	20:23:17.6	+38:50:12	300	90	3.0	#190 Cygnus X	2	
0036.COMP	10	02:52	20:23:17.6	+38:50:12	300	90	3.0	#190 Cygnus X	2	
0037.BDp284211	120	02:55	21:51:11.0	+28:51:50	300	90	3.0	#56 Spectropho	2	
0038.BDp284211	120	02:57	21:51:11.0	+28:51:50	300	90	3.0	#56 Spectropho	2	
0039.BDp284211	120	03:00	20:23:17.9	+38:57:36	300	90	3.0	#190 Cygnus X	2	
0040.BDp284211	120	03:02	20:23:17.9	+38:57:36	300	90	3.0	#190 Cygnus X	2	
0041.BDp284211	120	03:04	20:23:17.9	+38:57:36	300	90	3.0	#190 Cygnus X	2	
0042.J202317.98+385736.2	10	03:06	20:23:17.9	+38:57:36	300	90	3.0	#190 Cygnus X	2	
0043.COMP	10	03:07	20:23:17.9	+38:57:36	300	90	3.0	#190 Cygnus X	2	
0044.COMP	10	03:08	20:23:17.9	+38:57:36	300	90	3.0	#190 Cygnus X	2	
0045.J202317.98+385736.2	400	03:10	20:23:17.9	+38:57:36	300	90	3.0	#190 Cygnus X	2	
0046.COMP	10	03:17	20:23:17.9	+38:57:36	300	90	3.0	#190 Cygnus X	2	
0047.BDp174708	45	03:19	22:11:31.4	+18:05:34	300	90	3.0	#56 Spectropho	2	

UT Date 2009-10-25 Observers X KoenigColl. Focus 1820 Grating/Grism 300

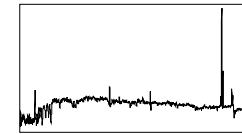
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0048.BDp174708	45	03:20	22:11:31.4	+18:05:34	300	90	3.0	#56 Spectropho	2	
0049.BDp174708	45	03:21	22:11:31.4	+18:05:34	300	90	3.0	#56 Spectropho	2	
0050.COMP	10	03:22	22:11:31.4	+18:05:34	300	90	3.0	#56 Spectropho	2	
0051.J202335.63+384939.5	180	03:34	20:23:35.6	+38:49:39	300	90	3.0	#190 Cygnus X	2	
0052.COMP	10	03:38	20:23:35.6	+38:49:39	300	90	3.0	#190 Cygnus X	2	
0053.J202321.02+392406.9	450	03:40	20:23:21.0	+39:24:07	300	90	3.0	#190 Cygnus X	2	
0054.COMP	10	03:50	20:25:08.8	+39:02:58	300	90	3.0	#190 Cygnus X	2	
0055.J202508.77+390257.7	90	03:52	20:25:08.8	+39:02:58	300	99	3.0	#190 Cygnus X	2	
0056.COMP	10	03:53	20:25:08.8	+39:02:58	300	99	3.0	#190 Cygnus X	2	
0057.BLLac	180	03:57	22:02:43.3	+42:16:40	300	90	3.0	#6 AGN Monitor	2	
0058.BLLac	180	04:00	22:02:43.3	+42:16:40	300	90	3.0	#6 AGN Monitor	2	
0059.COMP	10	04:04	22:02:43.3	+42:16:40	300	90	3.0	#6 AGN Monitor	2	
0060.IPHASB_4186	480	04:08	22:41:37.4	+57:52:57	300	90	3.0	#157 IPHAS	2	
0061.COMP	10	04:17	22:41:37.4	+57:52:57	300	90	3.0	#157 IPHAS	2	
0062.IPHASB_4319	480	04:24	23:11:08.5	+60:35:03	300	90	3.0	#157 IPHAS	2	
0063.COMP	10	04:32	23:11:08.5	+60:35:03	300	90	3.0	#157 IPHAS	2	
0064.IPHASB_4318	480	04:35	23:10:57.9	+60:33:55	300	90	3.0	#157 IPHAS	2	
0065.COMP	10	04:43	23:10:57.9	+60:33:55	300	90	3.0	#157 IPHAS	2	
0066.IPHASB_4418	480	04:47	23:35:14.7	+64:45:13	300	90	3.0	#157 IPHAS	2	
0067.COMP	10	04:56	23:35:14.7	+64:45:13	300	90	3.0	#157 IPHAS	2	

UT Date 2009-10-25 Observers X KoenigColl. Focus 1820 Grating/Grism 300

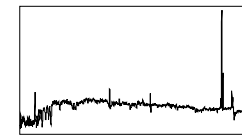
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0068.IPHASB_4445	480	04:59	23:47:19.9	+61:25:52	300	90	3.0	#157 IPHAS	2	
0069.COMP	10	05:08	23:47:19.9	+61:25:52	300	90	3.0	#157 IPHAS	2	
0070.IPHASB_4480	480	05:11	23:55:49.0	+62:36:27	300	90	3.0	#157 IPHAS	2	
0071.COMP	10	05:26	23:55:49.0	+62:36:27	300	90	3.0	#157 IPHAS	2	
0072.IPHASB_4481	660	05:31	23:55:53.5	+61:53:24	300	90	3.0	#157 IPHAS	2	
0073.COMP	10	05:42	23:55:53.5	+61:53:24	300	90	3.0	#157 IPHAS	2	
0074.00180662+5322591	1200	05:48	00:18:06.6	+53:22:59	300	46	3.0	#141 Mapping t	2	
0075.COMP	10	06:09	00:18:06.6	+53:22:59	300	46	3.0	#141 Mapping t	2	
0076.00453588+5513001	1800	06:13	00:45:35.9	+55:13:00	300	90	3.0	#141 Mapping t	2	
0077.COMP	10	06:44	00:45:35.9	+55:13:00	300	90	3.0	#141 Mapping t	2	
0078.sn2009ig	1200	06:49	02:38:11.6	-01:18:45	300	21	3.0	#2 SN Observat	2	
0079.COMP	10	07:09	02:38:11.6	-01:18:45	300	21	3.0	#2 SN Observat	2	
0080.46980	400	07:15	02:56:59.8	+60:11:57	300	100	3.0	#190 W5 AB Sta	2	
0081.COMP	10	07:23	02:56:59.8	+60:11:57	300	100	3.0	#190 W5 AB Sta	2	
0082.27230	600	07:27	02:52:37.9	+59:57:43	300	90	3.0	#190 W5 AB Sta	2	
0083.COMP	10	07:38	02:52:37.9	+59:57:43	300	90	3.0	#190 W5 AB Sta	2	
0084.61446	480	07:41	02:53:24.4	+60:20:14	300	90	3.0	#190 W5 AB Sta	2	
0085.COMP	10	07:49	02:53:24.4	+60:20:14	300	90	3.0	#190 W5 AB Sta	2	
0086.COMP	10	07:50	02:53:24.4	+60:20:14	300	90	3.0	#190 W5 AB Sta	2	
0087.63217	600	07:53	02:51:18.6	+60:20:48	300	90	3.0	#190 W5 AB Sta	2	

UT Date 2009-10-25 Observers X KoenigColl. Focus 1820 Grating/Grism 300

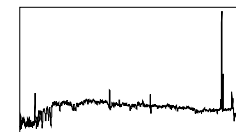
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0088.COMP	10	08:05	02:51:18.6	+60:20:48	300	90	3.0	#190 W5 AB Sta	2	
0089.76576	700	08:09	02:59:42.8	+60:29:39	300	90	3.0	#190 W5 AB Sta	2	
0090.COMP	10	08:21	02:59:42.8	+60:29:39	300	90	3.0	#190 W5 AB Sta	2	
0091.sn2009kk	1800	09:27	03:49:44.3	-03:15:52	300	20	3.0	#2 SN Observat	2	
0092.COMP	10	09:58	03:49:44.3	-03:15:52	300	20	3.0	#2 SN Observat	2	
0093.cvso-23134	1000	10:12	05:16:39.2	-02:05:07	300	90	3.0	#112 Orion PMS	2	
0094.COMP	10	10:29	05:16:39.2	-02:05:07	300	90	3.0	#112 Orion PMS	2	
0095.cvso-31752	940	10:32	05:21:25.5	+01:55:53	300	90	3.0	#112 Orion PMS	2	
0096.COMP	10	10:49	05:21:25.5	+01:55:53	300	90	3.0	#112 Orion PMS	2	
0097.cvso-41658	1000	10:54	05:40:58.2	-02:31:32	300	90	3.0	#112 Orion PMS	2	
0098.COMP	10	11:12	05:40:58.2	-02:31:32	300	90	3.0	#112 Orion PMS	2	
0099.cvso-80301	1000	11:15	05:51:47.2	+01:34:55	300	90	3.0	#112 Orion PMS	2	
0100.COMP	10	11:32	05:51:47.2	+01:34:55	300	90	3.0	#112 Orion PMS	2	
0101.cvso-58112	1000	11:35	05:59:44.4	-02:22:14	300	90	3.0	#112 Orion PMS	2	
0102.COMP	10	11:52	05:59:44.4	-02:22:14	300	90	3.0	#112 Orion PMS	2	
0103.cvso-58119	1200	11:55	05:59:44.9	-02:23:08	300	90	3.0	#112 Orion PMS	2	
0104.COMP	10	12:30	05:59:44.9	-02:23:08	300	90	3.0	#112 Orion PMS	2	
0105-0114.BIAS	0	12:33	05:59:44.9	-02:23:08	300	90	3.0	#112 Orion PMS	2	
0115-0129.FLAT	7	12:41	05:59:44.9	-02:23:08	300	90	3.0	#112 Orion PMS	2	
0130-0134.DARK	900	13:44	05:59:44.9	-02:23:08	300	90	3.0	#112 Orion PMS	2	

UT Date 2009-10-26 Observers X KoenigColl. Focus 1820 Grating/Grism 300

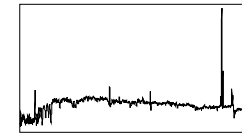
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001-0010.BIAS	0	23:29	05:59:44.9	-02:23:08	300	90	3.0	#112 Orion PMS	2	
0011-0025.FLAT	7	23:35	05:59:44.9	-02:23:08	300	90	3.0	#112 Orion PMS	2	
0026-0030.DARK	900	00:38	05:59:44.9	-02:23:08	300	90	3.0	#112 Orion PMS	2	
0031.BFCyg	15	01:33	19:23:53.0	+29:40:27	300	90	3.0	#12 Symbiotic	2	
0032.BFCyg	15	01:33	19:23:53.0	+29:40:27	300	90	3.0	#12 Symbiotic	2	
0033.COMP	10	01:34	19:23:53.0	+29:40:27	300	90	3.0	#12 Symbiotic	2	
0034.CHCyg	1	01:37	19:24:33.0	+50:14:30	300	90	3.0	#12 Symbiotic	2	
0035.CHCyg	5	01:37	19:24:33.0	+50:14:30	300	90	3.0	#12 Symbiotic	2	
0036.CHCyg	30	01:38	19:24:33.0	+50:14:30	300	90	3.0	#12 Symbiotic	2	
0037.COMP	10	01:39	19:24:33.0	+50:14:30	300	90	3.0	#12 Symbiotic	2	
0038.CICyg	4	01:43	19:50:12.0	+35:41:02	300	90	3.0	#12 Symbiotic	2	
0039.CICyg	15	01:43	19:50:12.0	+35:41:02	300	90	3.0	#12 Symbiotic	2	
0040.COMP	10	01:44	19:50:12.0	+35:41:02	300	90	3.0	#12 Symbiotic	2	
0041.N7331	420	01:47	22:37:04.1	+34:24:56	300	90	3.0	#57 Velocity S	2	
0042.COMP	10	01:55	22:37:04.1	+34:24:56	300	90	3.0	#57 Velocity S	2	
0043.J202324.67+384358.2	360	01:58	20:23:24.6	+38:43:58	300	90	3.0	#190 Cygnus X	2	
0044.COMP	10	02:05	20:23:24.6	+38:43:58	300	90	3.0	#190 Cygnus X	2	
0045.J202329.13+392530.5	400	02:07	20:23:29.1	+39:25:31	300	90	3.0	#190 Cygnus X	2	
0046.COMP	10	02:14	20:23:29.1	+39:25:31	300	90	3.0	#190 Cygnus X	2	
0047.J202328.58+393055.0	400	02:17	20:23:28.5	+39:30:55	300	90	3.0	#190 Cygnus X	2	

UT Date 2009-10-26 Observers X KoenigColl. Focus 1820 Grating/Grism 300

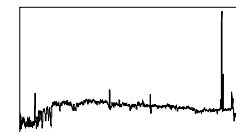
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0048.COMP	10	02:24	20:23:28.5	+39:30:55	300	90	3.0	#190 Cygnus X	2	
0049.BDp284211	120	02:27	21:51:11.0	+28:51:50	300	90	3.0	#56 Spectropho	2	
0050.BDp284211	120	02:29	21:51:11.0	+28:51:50	300	90	3.0	#56 Spectropho	2	
0051.COMP	10	02:32	21:51:11.0	+28:51:50	300	90	3.0	#56 Spectropho	2	
0052.J202335.81+384953.1	300	02:35	20:23:35.8	+38:49:53	300	90	3.0	#190 Cygnus X	2	
0053.COMP	10	02:40	20:23:35.8	+38:49:53	300	90	3.0	#190 Cygnus X	2	
0054.J202336.43+384759.8	400	02:42	20:23:36.4	+38:48:00	300	90	3.0	#190 Cygnus X	2	
0055.COMP	10	02:49	20:23:36.4	+38:48:00	300	90	3.0	#190 Cygnus X	2	
0056.J202403.28+383604.6	360	02:52	20:24:03.3	+38:36:05	300	90	3.0	#190 Cygnus X	2	
0057.COMP	10	02:58	20:24:03.3	+38:36:05	300	90	3.0	#190 Cygnus X	2	
0058.J202416.38+385523.1	360	03:01	20:24:16.4	+38:55:23	300	90	3.0	#190 Cygnus X	2	
0059.COMP	10	03:07	20:24:16.4	+38:55:23	300	90	3.0	#190 Cygnus X	2	
0060.J202420.23+393839.9	360	03:09	20:24:20.2	+39:38:40	300	90	3.0	#190 Cygnus X	2	
0061.COMP	10	03:16	20:24:20.2	+39:38:40	300	90	3.0	#190 Cygnus X	2	
0062.J202421.91+391300.1	400	03:18	20:24:21.9	+39:13:00	300	90	3.0	#190 Cygnus X	2	
0063.COMP	10	03:25	20:24:21.9	+39:13:00	300	90	3.0	#190 Cygnus X	2	
0064.J202425.23+385602.2	360	03:27	20:24:25.2	+38:56:03	300	90	3.0	#190 Cygnus X	2	
0065.COMP	10	03:34	20:24:25.2	+38:56:03	300	90	3.0	#190 Cygnus X	2	
0066.J202438.63+390338.5	300	03:36	20:24:38.6	+39:03:39	300	90	3.0	#190 Cygnus X	2	
0067.COMP	10	03:41	20:24:38.6	+39:03:39	300	90	3.0	#190 Cygnus X	2	

UT Date 2009-10-26 Observers X KoenigColl. Focus 1820 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0068.BDp174708	45	03:45	22:11:31.4	+18:05:34	300	90	3.0	#56 Spectropho	2	
0069.BDp174708	45	03:46	22:11:31.4	+18:05:34	300	90	3.0	#56 Spectropho	2	
0070.BDp174708	45	03:47	22:11:31.4	+18:05:34	300	90	3.0	#56 Spectropho	2	
0071.COMP	10	03:48	22:11:31.4	+18:05:34	300	90	3.0	#56 Spectropho	2	
0072.sn2009jf	1800	03:52	23:04:53.0	+12:20:00	300	21	3.0	#2 SN Observat	2	
0073.COMP	10	04:23	23:04:53.0	+12:20:00	300	21	3.0	#2 SN Observat	2	
0074.ZAnd	1	04:26	23:33:40.0	+48:49:06	300	89	3.0	#12 Symbiotic	2	
0075.ZAnd	5	04:26	23:33:40.0	+48:49:06	300	89	3.0	#12 Symbiotic	2	
0076.ZAnd	30	04:27	23:33:40.0	+48:49:06	300	89	3.0	#12 Symbiotic	2	
0077.COMP	10	04:28	23:33:40.0	+48:49:06	300	89	3.0	#12 Symbiotic	2	
0078.IPHASB_4377	420	04:31	23:21:48.0	+57:33:01	300	89	3.0	#157 IPHAS	2	
0079.COMP	10	04:38	23:21:48.0	+57:33:01	300	89	3.0	#157 IPHAS	2	
0080.IPHASB_4421	900	04:46	23:39:20.8	+64:48:58	300	89	3.0	#157 IPHAS	2	
0081.COMP	10	05:01	23:39:20.8	+64:48:58	300	89	3.0	#157 IPHAS	2	
0082.IPHASB_4474	1800	05:05	23:54:57.4	+61:03:51	300	89	3.0	#157 IPHAS	2	
0083.COMP	10	05:36	23:54:57.4	+61:03:51	300	89	3.0	#157 IPHAS	2	
0084.IPHASB_4479	900	05:40	23:55:46.4	+62:35:34	300	89	3.0	#157 IPHAS	2	
0085.COMP	10	05:55	23:55:46.4	+62:35:34	300	89	3.0	#157 IPHAS	2	
0086.MRK335	900	06:01	00:06:19.6	+20:12:11	300	89	3.0	#6 AGN Monitor	2	
0087.COMP	10	06:17	00:06:19.6	+20:12:11	300	89	3.0	#6 AGN Monitor	2	

UT Date 2009-10-26 Observers X KoenigColl. Focus 1820 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0088.00444159+6955021	1800	06:30	00:44:41.6	+69:55:02	300	89	3.0	#141 Mapping t	2	
0089.COMP	10	07:01	00:44:41.6	+69:55:02	300	89	3.0	#141 Mapping t	2	
0090.sn2009iz	1800	07:06	02:42:15.4	+42:23:50	300	43	3.0	#2 SN Observat	2	
0091.COMP	10	07:37	02:42:15.4	+42:23:50	300	43	3.0	#2 SN Observat	2	
0092.76576	480	07:41	02:59:42.8	+60:29:39	300	90	3.0	#190 W5 AB Sta	2	
0093.COMP	10	07:49	02:59:42.8	+60:29:39	300	90	3.0	#190 W5 AB Sta	2	
0094.140252	600	07:53	02:46:33.8	+60:09:47	300	90	3.0	#190 W5 AB Sta	2	
0095.COMP	10	08:03	02:46:33.8	+60:09:47	300	90	3.0	#190 W5 AB Sta	2	
0096.81694	800	08:06	02:59:44.0	+60:32:29	300	90	3.0	#190 W5 AB Sta	2	
0097.COMP	10	08:20	02:59:44.0	+60:32:29	300	90	3.0	#190 W5 AB Sta	2	
0098.125206	840	08:23	02:55:18.0	+61:04:35	300	90	3.0	#190 W5 AB Sta	2	
0099.COMP	10	08:37	02:55:18.0	+61:04:35	300	90	3.0	#190 W5 AB Sta	2	
0100.51632	600	08:39	02:57:41.8	+60:14:54	300	90	3.0	#190 W5 AB Sta	2	
0101.COMP	10	08:50	02:57:41.8	+60:14:54	300	90	3.0	#190 W5 AB Sta	2	
0102.75568	900	08:52	02:59:46.5	+60:29:07	300	90	3.0	#190 W5 AB Sta	2	
0103.COMP	10	09:07	02:59:46.5	+60:29:07	300	90	3.0	#190 W5 AB Sta	2	
0104.sn2009kk	1200	09:11	03:49:44.3	-03:15:52	300	21	3.0	#2 SN Observat	2	
0105.COMP	10	09:32	03:49:44.3	-03:15:52	300	21	3.0	#2 SN Observat	2	
0106.cvso-30846	1000	09:36	05:16:42.4	-00:10:42	300	91	3.0	#112 Orion PMS	2	
0107.COMP	10	09:53	05:16:42.4	-00:10:42	300	91	3.0	#112 Orion PMS	2	

UT Date 2009-10-26 Observers X KoenigColl. Focus 1820 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0108.cvso-26704	1000	09:56	05:16:50.4	+01:45:50	300	91	3.0	#112 Orion PMS	2	
0109.COMP	10	10:13	05:16:50.4	+01:45:50	300	91	3.0	#112 Orion PMS	2	
0110.cvso-38200	660	10:15	05:17:45.4	+01:34:34	300	91	3.0	#112 Orion PMS	2	
0111.COMP	10	10:26	05:17:45.4	+01:34:34	300	91	3.0	#112 Orion PMS	2	
0112.05302675-1350131	1500	10:29	05:30:26.8	-13:50:13	300	91	3.0	#141 Mapping t	2	
0113.COMP	10	10:55	05:30:26.8	-13:50:13	300	91	3.0	#141 Mapping t	2	
0114.cvso-79292	900	11:00	05:50:54.8	+01:41:06	300	91	3.0	#112 Orion PMS	2	
0115.COMP	10	11:15	05:50:54.8	+01:41:06	300	91	3.0	#112 Orion PMS	2	
0116.cvso-57156	900	11:18	05:58:43.1	-01:56:19	300	91	3.0	#112 Orion PMS	2	
0117.COMP	10	11:34	05:58:43.1	-01:56:19	300	91	3.0	#112 Orion PMS	2	
0118.cvso-53897	1000	11:36	05:59:22.5	+00:13:34	300	91	3.0	#112 Orion PMS	2	
0119.COMP	10	11:53	05:59:22.5	+00:13:34	300	91	3.0	#112 Orion PMS	2	
0120.07410662+0529472	1800	11:56	07:41:06.6	+05:29:47	300	91	3.0	#141 Mapping t	2	
0121.COMP	10	12:27	07:41:06.6	+05:29:47	300	91	3.0	#141 Mapping t	2	
0122-0131.BIAS	0	12:34	07:41:06.6	+05:29:47	300	91	3.0	#112 Orion PMS	2	
0132-0146.FLAT	7	13:02	07:41:06.6	+05:29:47	300	91	3.0	#112 Orion PMS	2	
0147-0151.DARK	900	14:04	07:41:06.6	+05:29:47	300	91	3.0	#112 Orion PMS	2	