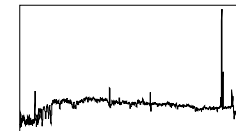
UT Date 2007-04-07 Observers P BerlindColl. Focus 1360 Grating/Grism 600

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001.BIAS	0	02:04	07:32:40.5	+31:30:39	300	90	3.0	#2 SN Observat	2	start of FAST run
0002-0020.BIAS	0	02:08	07:32:40.5	+31:30:39	300	90	3.0	#2 SN Observat	2	
0021-0040.FLAT	25	02:20	07:32:40.5	+31:30:39	300	90	3.0	#2 SN Observat	2	
0041.DARK	900	02:27	07:32:40.5	+31:30:39	300	90	3.0	#2 SN Observat	2	dome problems, delay
0042.DARK	900	02:46	07:32:40.5	+31:30:39	300	90	3.0	#2 SN Observat	2	
0045.sn2007ax	1500	03:35	08:22:43.3	+22:33:17	300	50	3.0	#2 SN Observat	2	poor seeing
0046.COMP	10	04:01	08:22:43.3	+22:33:17	300	50	3.0	#2 SN Observat	2	
0048.sn2007bd	1800	04:06	08:31:33.3	-01:11:58	300	31	3.0	#2 SN Observat	2	
0049.COMP	10	04:39	08:31:33.3	-01:11:58	300	31	3.0	#2 SN Observat	2	
0050.HD84937	15	04:44	09:48:54.9	+13:45:14	300	31	3.0	#56 Spectropho	2	
0051.HD84937	15	04:44	09:48:54.9	+13:45:14	300	31	3.0	#56 Spectropho	2	
0052.HD84937	15	04:44	09:48:54.9	+13:45:14	300	31	3.0	#56 Spectropho	2	
0053.COMP	10	04:45	09:48:54.9	+13:45:14	300	31	3.0	#56 Spectropho	2	
0054.Feige34	180	04:53	10:39:36.9	+43:06:11	300	90	3.0	#56 Spectropho	2	
0055.Feige34	180	04:57	10:39:36.9	+43:06:11	300	90	3.0	#56 Spectropho	2	
0056.COMP	10	05:00	10:39:36.9	+43:06:11	300	90	3.0	#56 Spectropho	2	
0057.N3227	180	05:02	10:23:30.6	+19:51:54	300	90	3.0	#6 AGN Monitor	2	
0058.N3227	180	05:05	10:23:30.6	+19:51:54	300	90	3.0	#6 AGN Monitor	2	
0059.COMP	10	05:09	10:23:30.6	+19:51:54	300	90	3.0	#6 AGN Monitor	2	
0060.MRK421	240	05:10	11:04:27.4	+38:12:32	300	90	3.0	#6 AGN Monitor	2	

UT Date 2007-04-07 Observers P BerlindColl. Focus 1360 Grating/Grism 600

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0061.MRK421	240	05:14	11:04:27.4	+38:12:32	300	90	3.0	#6 AGN Monitor	2	
0062.COMP	10	05:19	11:04:27.4	+38:12:32	300	90	3.0	#6 AGN Monitor	2	
0063.N4051	150	05:20	12:03:09.7	+44:31:53	300	90	3.0	#6 AGN Monitor	2	
0064.N4051	150	05:23	12:03:09.7	+44:31:53	300	90	3.0	#6 AGN Monitor	2	
0065.COMP	10	05:26	12:03:09.7	+44:31:53	300	90	3.0	#6 AGN Monitor	2	
0066.N4151	30	05:27	12:10:32.6	+39:24:21	300	90	3.0	#6 AGN Monitor	2	
0067.N4151	30	05:27	12:10:32.6	+39:24:21	300	90	3.0	#6 AGN Monitor	2	
0068.N4151	120	05:28	12:10:32.6	+39:24:21	300	90	3.0	#6 AGN Monitor	2	
0069.COMP	10	05:31	12:10:32.6	+39:24:21	300	90	3.0	#6 AGN Monitor	2	
0070.sn2007bc	1200	05:33	11:19:14.6	+20:48:33	300	0	3.0	#2 SN Observat	2	
0071.COMP	10	05:54	11:19:14.6	+20:48:33	300	0	3.0	#2 SN Observat	2	
0072.test	10	06:00	11:45:00.0	+32:00:00	600	90	2.0	#2 SN Observat	4	600-line, 2-sec, Warren
0073.bcand292	1560	06:05	13:35:45.5	+17:47:17	600	90	2.0	#166 Hyper Vel	4	header ap and disp are incorrect, iraf hedit not working so I c
0074.COMP	10	06:31	13:35:45.5	+17:47:17	600	90	2.0	#166 Hyper Vel	4	
0075.bcand661	900	06:32	13:36:37.6	+12:31:43	600	90	2.0	#166 Hyper Vel	4	
0076.COMP	10	06:48	13:36:37.6	+12:31:43	600	90	2.0	#166 Hyper Vel	4	
0077.bcand293	1200	06:50	13:47:12.8	+15:21:07	600	90	2.0	#166 Hyper Vel	4	
0078.COMP	10	07:11	13:47:12.8	+15:21:07	600	90	2.0	#166 Hyper Vel	4	
0079.bcand662	960	07:12	13:38:08.6	+01:28:06	600	90	2.0	#166 Hyper Vel	4	
0080.COMP	10	07:29	13:38:08.6	+01:28:06	600	90	2.0	#166 Hyper Vel	4	

UT Date 2007-04-07 Observers P BerlindColl. Focus 1360 Grating/Grism 600

<i>File</i>	<i>Exp Time</i>	<i>UT Start</i>	<i>RA</i>	<i>Dec</i>	<i>Gr.</i>	<i>P.A.</i>	<i>Slit</i>	<i>Program</i>	<i>Bin</i>	<i>Comments</i>
0081.bcand663	1020	07:30	13:38:15.3	-01:59:31	600	90	2.0	#166 Hyper Vel	4	
0082.COMP	10	07:48	13:38:15.3	-01:59:31	600	90	2.0	#166 Hyper Vel	4	
0083.bcand665	1500	07:49	13:43:49.8	+02:19:32	600	90	2.0	#166 Hyper Vel	4	
0084.COMP	10	08:15	13:43:49.8	+02:19:32	600	90	2.0	#166 Hyper Vel	4	
0085.bcand668	1020	08:16	13:49:54.9	-00:00:28	600	90	2.0	#166 Hyper Vel	4	
0086.COMP	10	08:34	13:49:54.9	-00:00:28	600	90	2.0	#166 Hyper Vel	4	
0087.bcand295	1800	08:35	13:34:41.3	+25:56:46	600	90	2.0	#166 Hyper Vel	4	
0088.COMP	10	09:06	13:34:41.3	+25:56:46	600	90	2.0	#166 Hyper Vel	4	
0089.bcand301	1500	09:09	13:57:29.9	+20:23:41	600	90	2.0	#166 Hyper Vel	4	
0090.COMP	10	09:35	13:57:29.9	+20:23:41	600	90	2.0	#166 Hyper Vel	4	
0091.bcand307	900	09:36	14:24:19.7	+15:07:09	600	90	2.0	#166 Hyper Vel	4	
0092.COMP	10	09:52	14:24:19.7	+15:07:09	600	90	2.0	#166 Hyper Vel	4	
0093.bcand308	1500	09:53	14:25:28.8	+14:20:59	600	90	2.0	#166 Hyper Vel	4	
0094.COMP	10	10:18	14:25:28.8	+14:20:59	600	90	2.0	#166 Hyper Vel	4	
0095.bcand309	900	10:20	14:26:32.7	+18:21:16	600	90	2.0	#166 Hyper Vel	4	
0096.COMP	10	10:35	14:26:32.7	+18:21:16	600	90	2.0	#166 Hyper Vel	4	
0097.bcand310	1200	10:37	14:30:05.5	+20:37:00	600	90	2.0	#166 Hyper Vel	4	
0098.COMP	10	10:57	14:30:05.5	+20:37:00	600	90	2.0	#166 Hyper Vel	4	
0099.bcand311	1500	10:59	14:35:20.9	+14:28:41	600	90	2.0	#166 Hyper Vel	4	
0100.COMP	10	11:24	14:35:20.9	+14:28:41	600	90	2.0	#166 Hyper Vel	4	

UT Date 2007-04-07 Observers P BerlindColl. Focus 1360 Grating/Grism 600

<i>File</i>	<i>Exp Time</i>	<i>UT Start</i>	<i>RA</i>	<i>Dec</i>	<i>Gr.</i>	<i>P.A.</i>	<i>Slit</i>	<i>Program</i>	<i>Bin</i>	<i>Comments</i>
0101.bcand313	1200	11:26	14:45:05.0	+14:54:40	600	90	2.0	#166 Hyper Vel	4	
0102.COMP	10	11:46	14:45:05.0	+14:54:40	600	90	2.0	#166 Hyper Vel	4	
0103.bcand333	1320	11:48	15:39:19.0	+63:12:16	600	90	2.0	#166 Hyper Vel	4	
0104.COMP	10	12:11	15:39:19.0	+63:12:16	600	90	2.0	#166 Hyper Vel	4	
0105.BDp332642	120	12:12	15:52:00.0	+32:56:54	600	90	2.0	#166 Hyper Vel	4	
0106.BDp332642	120	12:14	15:52:00.0	+32:56:54	600	90	2.0	#166 Hyper Vel	4	
0107.COMP	10	12:17	15:52:00.0	+32:56:54	600	90	2.0	#166 Hyper Vel	4	
0108-0117.BIAS	0	12:19	15:52:00.0	+32:56:54	600	90	2.0	#166 Hyper Vel	4	
0118-0127.FLAT	45	12:28	15:52:00.0	+32:56:54	600	90	2.0	#166 Hyper Vel	4	
0128.test	10	12:32	15:52:00.0	+32:56:54	300	90	3.0	#166 Hyper Vel	2	
0129.test	10	12:33	15:52:00.0	+32:56:54	300	90	3.0	#166 Hyper Vel	2	
0130-0134.DARK	900	13:45	15:52:00.0	+32:56:54	300	90	3.0	#166 Hyper Vel	4	
0135-0139.DARK	900	15:01	15:52:00.0	+32:56:54	300	90	3.0	#166 Hyper Vel	2	

UT Date 2007-04-08 Observers M CalkinsColl. Focus 1340 Grating/Grism 300

<i>File</i>	<i>Exp Time</i>	<i>UT Start</i>	<i>RA</i>	<i>Dec</i>	<i>Gr.</i>	<i>P.A.</i>	<i>Slit</i>	<i>Program</i>	<i>Bin</i>	<i>Comments</i>
0001.DARK	900	02:19	07:58:01.7	+31:30:54	300	90	3.0	#166 Hyper Vel	4	
0002-0011.BIAS	0	02:36	07:58:01.7	+31:30:54	300	90	3.0	#166 Hyper Vel	4	
0012-0021.BIAS	0	02:41	07:58:01.7	+31:30:54	300	90	3.0	#166 Hyper Vel	2	
0022-0036.FLAT	25	02:50	07:58:01.7	+31:30:54	300	90	3.0	#166 Hyper Vel	2	
0037.HD84937	15	02:56	09:48:54.9	+13:45:14	300	90	3.0	#56 Spectropho	2	
0038.HD84937	15	02:57	09:48:54.9	+13:45:14	300	90	3.0	#56 Spectropho	2	
0039.HD84937	15	02:57	09:48:54.9	+13:45:14	300	90	3.0	#56 Spectropho	2	
0040.COMP	12	02:58	09:48:54.9	+13:45:14	300	90	3.0	#56 Spectropho	2	
0041.HD84937	15	03:02	09:48:54.9	+13:45:14	300	-30	3.0	#56 Spectropho	2	
0042.HD84937	15	03:02	09:48:54.9	+13:45:14	300	-30	3.0	#56 Spectropho	2	
0043.HD84937	15	03:02	09:48:54.9	+13:45:14	300	-30	3.0	#56 Spectropho	2	
0044.COMP	12	03:03	09:48:54.9	+13:45:14	300	-30	3.0	#56 Spectropho	2	
0045.Feige34	600	03:08	10:39:36.9	+43:06:11	300	72	3.0	#56 Spectropho	2	
0046.COMP	12	03:19	10:39:36.9	+43:06:11	300	72	3.0	#56 Spectropho	2	
0047.Feige34	240	03:20	10:39:36.9	+43:06:11	300	72	3.0	#56 Spectropho	2	
0048.COMP	12	03:24	10:39:36.9	+43:06:11	300	72	3.0	#56 Spectropho	2	
0049.sn2007bb	1800	03:31	07:01:07.5	+51:15:57	300	110	3.0	#2 SN Observat	2	
0050.COMP	12	04:02	07:01:07.5	+51:15:57	300	110	3.0	#2 SN Observat	2	
0051.sn2007bd	1800	04:06	08:31:33.3	-01:11:58	300	26	3.0	#2 SN Observat	2	
0052.COMP	12	04:36	08:31:33.3	-01:11:58	300	26	3.0	#2 SN Observat	2	

UT Date 2007-04-08 Observers M CalkinsColl. Focus 1340 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0053.4dlxfast001	1800	04:42	08:02:41.6	+56:09:31	300	90	3.0	#172 SDSS Clus	2	
0054.COMP	12	05:13	08:02:41.6	+56:09:31	300	90	3.0	#172 SDSS Clus	2	
0055.4dlxfast002	1800	05:17	08:04:23.9	+56:30:56	300	90	3.0	#172 SDSS Clus	2	
0056.COMP	12	05:48	08:04:23.9	+56:30:56	300	90	3.0	#172 SDSS Clus	2	
0057.4dlxfast009	1200	05:53	08:08:12.9	+55:08:23	300	110	3.0	#172 SDSS Clus	2	
0058.COMP	12	06:13	08:08:12.9	+55:08:23	300	110	3.0	#172 SDSS Clus	2	
0059.cirsfastb110	480	06:18	10:37:07.1	+03:51:29	300	90	3.0	#172 SDSS Clus	2	
0060.COMP	12	06:27	10:37:07.1	+03:51:29	300	90	3.0	#172 SDSS Clus	2	
0061.cirsfastb111	480	06:28	10:37:21.2	+04:07:56	300	90	3.0	#172 SDSS Clus	2	
0062.COMP	12	06:36	10:37:21.2	+04:07:56	300	90	3.0	#172 SDSS Clus	2	
0063.cirsfastb112	1200	06:37	10:43:27.0	+04:34:30	300	90	3.0	#172 SDSS Clus	2	
0064.COMP	12	06:58	10:43:27.0	+04:34:30	300	90	3.0	#172 SDSS Clus	2	
0065.cirsfastb113	720	07:00	10:44:06.7	+55:05:48	300	90	3.0	#172 SDSS Clus	2	
0066.COMP	12	07:13	10:44:06.7	+55:05:48	300	90	3.0	#172 SDSS Clus	2	
0067.sn2007af	1200	07:20	14:22:21.0	-00:23:38	300	-30	3.0	#2 SN Observat	2	
0068.COMP	12	07:41	14:22:21.0	-00:23:38	300	-30	3.0	#2 SN Observat	2	
0069-0078.BIAS	0	10:14	13:51:53.6	+69:33:13	300	90	3.0	#6 AGN Monitor	2	
0079-0093.FLAT	25	10:23	13:51:53.6	+69:33:13	300	90	3.0	#6 AGN Monitor	2	
0094-0103.DARK	900	12:57	13:51:53.6	+69:33:13	300	90	3.0	#6 AGN Monitor	2	

UT Date 2007-04-09 Observers M CalkinsColl. Focus 1340 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001-0009.DARK	900	01:56	13:51:53.6	+69:33:13	300	90	3.0	#6 AGN Monitor	4	
0010-0019.BIAS	0	02:18	13:51:53.6	+69:33:13	300	90	3.0	#56 Spectropho	4	
0020-0029.FLAT	12	02:23	13:51:53.6	+69:33:13	300	90	3.0	#56 Spectropho	4	
0030-0039.BIAS	0	02:26	13:51:53.6	+69:33:13	300	90	3.0	#56 Spectropho	2	
0040-0054.FLAT	25	02:35	13:51:53.6	+69:33:13	300	90	3.0	#56 Spectropho	2	
0055.HD84937	15	02:54	09:48:54.9	+13:45:14	300	-30	3.0	#56 Spectropho	2	
0056.HD84937	15	02:55	09:48:54.9	+13:45:14	300	-30	3.0	#56 Spectropho	2	
0057.HD84937	15	02:55	09:48:54.9	+13:45:14	300	-30	3.0	#56 Spectropho	2	
0058.COMP	12	02:58	09:48:54.9	+13:45:14	300	-30	3.0	#56 Spectropho	2	
0059.HD84937	10	02:59	09:48:54.9	+13:45:14	300	-30	3.0	#56 Spectropho	4	
0060.HD84937	10	02:59	09:48:54.9	+13:45:14	300	-30	3.0	#56 Spectropho	4	
0061.HD84937	10	03:00	09:48:54.9	+13:45:14	300	-30	3.0	#56 Spectropho	4	wait out clouds...
0062.COMP	5	03:01	09:48:54.9	+13:45:14	300	-30	3.0	#56 Spectropho	4	
0063.Feige34	270	04:22	10:39:36.9	+43:06:11	300	33	3.0	#56 Spectropho	4	
0064.COMP	5	04:27	10:39:36.9	+43:06:11	300	33	3.0	#56 Spectropho	4	
0065.Feige34	240	04:28	10:39:36.9	+43:06:11	300	33	3.0	#56 Spectropho	2	not enough counts
0066.COMP	12	04:33	10:39:36.9	+43:06:11	300	33	3.0	#56 Spectropho	2	
0067.sn2007ba	1800	10:02	15:16:42.6	+07:23:48	300	15	3.0	#2 SN Observat	2	
0068.COMP	12	10:32	15:16:42.6	+07:23:48	300	15	3.0	#2 SN Observat	2	
0069.TCrB	15	10:36	15:59:30.0	+25:55:12	300	90	3.0	#12 Symbiotic	2	

UT Date 2007-04-09 Observers M CalkinsColl. Focus 1340 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0070.TCrB	60	10:37	15:59:30.0	+25:55:12	300	90	3.0	#12 Symbiotic	2	
0071.COMP	12	10:38	15:59:30.0	+25:55:12	300	90	3.0	#12 Symbiotic	2	
0072.AGDra	2	10:41	16:01:41.0	+66:48:10	300	90	3.0	#12 Symbiotic	2	
0073.AGDra	15	10:42	16:01:41.0	+66:48:10	300	90	3.0	#12 Symbiotic	2	
0074.AGDra	45	10:43	16:01:41.0	+66:48:10	300	90	3.0	#12 Symbiotic	2	
0075.COMP	12	10:44	16:01:41.0	+66:48:10	300	90	3.0	#12 Symbiotic	2	
0076.DracoC1	1200	10:47	17:19:58.0	+57:50:06	300	90	3.0	#12 Symbiotic	2	
0077.COMP	12	11:07	17:19:58.0	+57:50:06	300	90	3.0	#12 Symbiotic	2	
0078.fmfa394	480	11:11	14:42:37.5	+03:44:44	300	110	3.0	#171 Local Uni	2	bright sky...
0079.COMP	12	11:20	14:42:37.5	+03:44:44	300	110	3.0	#171 Local Uni	2	
0080.fmfa396	1080	11:22	15:19:39.8	+07:40:42	300	90	3.0	#171 Local Uni	2	difficult to gage exposures
0081.COMP	12	11:41	15:19:39.8	+07:40:42	300	90	3.0	#171 Local Uni	2	
0082.fmfa397	1020	11:43	15:19:47.3	+07:45:46	300	90	3.0	#171 Local Uni	2	
0083.COMP	12	12:00	15:19:47.3	+07:45:46	300	90	3.0	#171 Local Uni	2	
0084.fmfa398	900	12:01	15:19:48.6	+07:38:37	300	90	3.0	#171 Local Uni	2	
0085.COMP	12	12:17	15:19:48.6	+07:38:37	300	90	3.0	#171 Local Uni	2	
0086-0095.BIAS	0	12:22	15:19:48.6	+07:38:37	300	90	3.0	#56 Spectropho	4	
0096-0105.FLAT	12	12:26	15:19:48.6	+07:38:37	300	90	3.0	#56 Spectropho	4	
0106-0115.BIAS	0	12:29	15:19:48.6	+07:38:37	300	90	3.0	#56 Spectropho	2	
0116-0130.FLAT	25	12:38	15:19:48.6	+07:38:37	300	90	3.0	#56 Spectropho	2	



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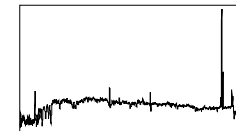
<i>File</i>	<i>Exp Time</i>	<i>UT Start</i>	<i>RA</i>	<i>Dec</i>	<i>Gr.</i>	<i>P.A.</i>	<i>Slit</i>	<i>Program</i>	<i>Bin</i>	<i>Comments</i>
0131-0140.DARK	900	14:57	15:19:48.6	+07:38:37	300	90	3.0	#56 Spectropho	2	



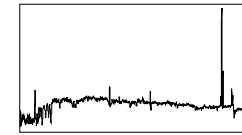
UT Date 2007-04-10 Observers M Calkins

Coll. Focus 1340 Grating/Grism 300

<i>File</i>	<i>Exp Time</i>	<i>UT Start</i>	<i>RA</i>	<i>Dec</i>	<i>Gr.</i>	<i>P.A.</i>	<i>Slit</i>	<i>Program</i>	<i>Bin</i>	<i>Comments</i>
0001-0010.DARK	900	01:58	15:19:48.6	+07:38:37	300	90	3.0	#56 Spectropho	4	
0011-0020.BIAS	0	02:15	15:19:48.6	+07:38:37	300	90	3.0	#56 Spectropho	4	
0021-0030.FLAT	12	02:20	15:19:48.6	+07:38:37	300	90	3.0	#56 Spectropho	4	
0031-0040.BIAS	0	02:25	15:19:48.6	+07:38:37	300	90	3.0	#56 Spectropho	2	
0041-0055.FLAT	25	02:34	15:19:48.6	+07:38:37	300	90	3.0	#56 Spectropho	2	
0056-0065.DARK	900	12:54	15:19:48.6	+07:38:37	300	90	3.0	#56 Spectropho	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001-0010.DARK	900	02:11	05:34:17.3	+31:29:25	300	90	3.0	#56 Spectropho	4	
0011-0020.BIAS	0	02:32	05:34:17.3	+31:29:25	300	90	3.0	#56 Spectropho	4	
0021-0030.FLAT	12	02:38	05:34:17.3	+31:29:25	300	90	3.0	#56 Spectropho	4	
0031-0040.BIAS	0	02:43	05:34:17.3	+31:29:25	300	90	3.0	#56 Spectropho	2	
0041-0055.FLAT	25	02:52	05:34:17.3	+31:29:25	300	90	3.0	#56 Spectropho	2	
0056.HD84937	13	02:58	09:48:54.9	+13:45:14	300	90	3.0	#56 Spectropho	2	
0057.HD84937	13	02:59	09:48:54.9	+13:45:14	300	90	3.0	#56 Spectropho	2	
0058.HD84937	13	02:59	09:48:54.9	+13:45:14	300	90	3.0	#56 Spectropho	2	
0059.COMP	12	03:00	09:48:54.9	+13:45:14	300	90	3.0	#56 Spectropho	2	
0060.HD84937	10	03:01	09:48:54.9	+13:45:14	300	90	3.0	#56 Spectropho	4	
0061.HD84937	10	03:01	09:48:54.9	+13:45:14	300	90	3.0	#56 Spectropho	4	
0062.HD84937	10	03:02	09:48:54.9	+13:45:14	300	90	3.0	#56 Spectropho	4	
0063.COMP	5	03:02	09:48:54.9	+13:45:14	300	90	3.0	#56 Spectropho	4	
0064.Akn120	300	03:04	05:13:38.0	-00:12:15	300	85	3.0	#6 AGN Monitor	2	
0065.COMP	12	03:10	05:13:38.0	-00:12:15	300	85	3.0	#6 AGN Monitor	2	
0066.cvso-075179	300	03:12	05:57:38.9	+02:13:53	300	90	3.0	#112 Orion PMS	2	
0067.COMP	12	03:18	05:57:38.9	+02:13:53	300	90	3.0	#112 Orion PMS	2	
0068.cvso-078196	780	03:21	05:57:32.7	+02:28:26	300	90	3.0	#112 Orion PMS	2	
0069.COMP	12	03:35	05:57:32.7	+02:28:26	300	90	3.0	#112 Orion PMS	2	
0070.cvso-078560	480	03:36	05:57:48.3	+02:48:51	300	90	3.0	#112 Orion PMS	2	

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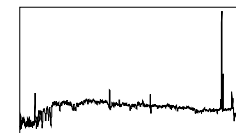
<i>File</i>	<i>Exp Time</i>	<i>UT Start</i>	<i>RA</i>	<i>Dec</i>	<i>Gr.</i>	<i>P.A.</i>	<i>Slit</i>	<i>Program</i>	<i>Bin</i>	<i>Comments</i>
0071.COMP	12	03:45	05:57:48.3	+02:48:51	300	90	3.0	#112 Orion PMS	2	
0072.cvso-075409	240	03:46	05:57:51.9	+01:45:16	300	95	3.0	#112 Orion PMS	2	
0073.COMP	12	03:51	05:57:51.9	+01:45:16	300	95	3.0	#112 Orion PMS	2	
0074.cvso-075432	600	03:52	05:57:53.6	+02:08:55	300	95	3.0	#112 Orion PMS	2	
0075.COMP	12	04:03	05:57:53.6	+02:08:55	300	95	3.0	#112 Orion PMS	2	
0076.BGGem	300	04:05	06:03:31.0	+27:41:50	300	90	3.0	#12 Symbiotic	2	
0077.COMP	12	04:11	06:03:31.0	+27:41:50	300	90	3.0	#12 Symbiotic	2	
0078.XS04858B3_001	2000	04:18	11:33:11.8	+01:00:16	300	90	3.0	#129 CHAMP Sou	2	hazy....
0079.COMP	12	04:52	11:33:11.8	+01:00:16	300	90	3.0	#129 CHAMP Sou	2	
0080.HD84937	13	04:54	09:48:54.9	+13:45:14	300	34	3.0	#56 Spectropho	2	
0081.HD84937	13	04:55	09:48:54.9	+13:45:14	300	34	3.0	#56 Spectropho	2	
0082.HD84937	13	04:55	09:48:54.9	+13:45:14	300	34	3.0	#56 Spectropho	2	
0083.COMP	12	04:56	09:48:54.9	+13:45:14	300	34	3.0	#56 Spectropho	2	
0084.Feige34	240	04:58	10:39:36.9	+43:06:11	300	-10	3.0	#56 Spectropho	2	
0085.COMP	12	05:02	10:39:36.9	+43:06:11	300	-10	3.0	#56 Spectropho	2	
0086.XS04417B7_004	240	05:52	11:03:12.3	+11:04:38	300	90	3.0	#129 CHAMP Sou	2	
0087.COMP	12	05:57	11:03:12.3	+11:04:38	300	90	3.0	#129 CHAMP Sou	2	
0088.XS04201B2_003	2400	06:07	12:15:49.3	-00:30:36	300	90	3.0	#129 CHAMP Sou	2	
0089.COMP	12	06:48	12:15:49.3	-00:30:36	300	90	3.0	#129 CHAMP Sou	2	
0090.sn2007be	1800	06:50	12:38:06.6	-00:01:51	300	2	3.0	#2 SN Observat	2	

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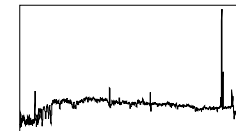
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0091.COMP	12	07:21	12:38:06.6	-00:01:51	300	2	3.0	#2 SN Observat	2	
0092.sn2007bf	1800	07:36	14:15:12.1	+15:44:12	300	-33	3.0	#2 SN Observat	2	
0093.COMP	12	08:06	14:15:12.1	+15:44:12	300	-33	3.0	#2 SN Observat	2	
0094.2003CJ11	900	08:14	11:54:41.5	+43:42:30	300	90	3.0	#173 Small Sol	2	
0095.COMP	12	08:29	11:54:41.5	+43:42:30	300	90	3.0	#173 Small Sol	2	
0096.GD140	240	08:31	11:37:05.5	+29:47:59	300	90	3.0	#173 Small Sol	2	
0097.COMP	12	08:36	11:37:05.5	+29:47:59	300	90	3.0	#173 Small Sol	2	
0098.2003CJ11_Red	900	08:42	11:54:40.2	+43:41:52	300	90	3.0	#173 Small Sol	2	tilt=750
0099.COMP	12	08:58	11:54:40.2	+43:41:52	300	90	3.0	#173 Small Sol	2	
0100.GD140	240	09:00	11:37:05.5	+29:47:59	300	90	3.0	#173 Small Bod	2	tilt=750
0101.COMP	12	09:04	11:37:05.5	+29:47:59	300	90	3.0	#173 Small Bod	2	
0102-0108.FLAT	30	09:11	11:37:05.5	+29:47:59	300	90	3.0	#173 Small Bod	2	
0109.bcand667	1560	09:19	13:49:22.6	-00:35:03	600	90	2.0	#166 Hyper Vel	4	600L, tilt=440, 2 arcsec
0110.COMP	10	09:46	13:49:22.6	-00:35:03	600	90	2.0	#166 Hyper Vel	4	
0111.bcand294	1500	09:48	13:22:38.3	+24:29:57	600	90	2.0	#166 Hyper Vel	4	
0112.COMP	10	10:14	13:22:38.3	+24:29:57	600	90	2.0	#166 Hyper Vel	4	
0113.bcand296	1020	10:16	13:46:41.4	+20:41:32	600	90	2.0	#166 Hyper Vel	4	
0114.COMP	10	10:33	13:46:41.4	+20:41:32	600	90	2.0	#166 Hyper Vel	4	
0115.bcand312	1560	10:35	14:36:37.3	+17:59:42	600	90	2.0	#166 Hyper Vel	4	
0116.COMP	10	11:02	14:36:37.3	+17:59:42	600	90	2.0	#166 Hyper Vel	4	

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<i>File</i>	<i>Exp Time</i>	<i>UT Start</i>	<i>RA</i>	<i>Dec</i>	<i>Gr.</i>	<i>P.A.</i>	<i>Slit</i>	<i>Program</i>	<i>Bin</i>	<i>Comments</i>
0117.BDp332642	60	11:04	15:52:00.0	+32:56:54	600	90	2.0	#166 Hyper Vel	4	
0118.COMP	10	11:05	15:52:00.0	+32:56:54	600	90	2.0	#166 Hyper Vel	4	
0119-0125.FLAT	45	11:12	15:52:00.0	+32:56:54	600	90	2.0	#166 Hyper Vel	4	
0126.COMP	5	11:17	15:52:00.0	+32:56:54	600	90	2.0	#166 Hyper Vel	4	JUNK FILES, Combo setup
0127.COMP	5	11:19	15:52:00.0	+32:56:54	300	90	3.0	#166 Hyper Vel	4	
0128.COMP	10	11:21	15:52:00.0	+32:56:54	300	90	3.0	#166 Hyper Vel	4	
0129.COMP	5	11:23	15:52:00.0	+32:56:54	300	90	3.0	#166 Hyper Vel	4	
0130.COMP	5	11:25	15:52:00.0	+32:56:54	300	90	3.0	#166 Hyper Vel	4	
0131.COMP	5	11:27	15:52:00.0	+32:56:54	300	90	3.0	#166 Hyper Vel	4	
0132.COMP	5	11:28	15:52:00.0	+32:56:54	300	90	3.0	#166 Hyper Vel	4	
0133.COMP	5	11:29	15:52:00.0	+32:56:54	300	90	3.0	#166 Hyper Vel	4	
0134.sn2007ba	1800	11:35	15:16:42.6	+07:23:48	300	47	3.0	#2 SN Observat	2	
0135.COMP	12	12:06	15:16:42.6	+07:23:48	300	47	3.0	#2 SN Observat	2	
0136.HD136202	1	12:09	15:19:18.8	+01:45:55	300	47	3.0	#57 Velocity S	2	
0137.HD136202	0	12:09	15:19:18.8	+01:45:55	300	47	3.0	#57 Velocity S	2	
0138.COMP	12	12:10	15:19:18.8	+01:45:55	300	47	3.0	#57 Velocity S	2	
0139-0148.BIAS	0	12:16	15:19:18.8	+01:45:55	300	90	3.0	#2 SN Observat	4	
0149-0158.FLAT	12	12:23	15:19:18.8	+01:45:55	300	90	3.0	#2 SN Observat	4	
0159-0168.BIAS	0	12:28	15:19:18.8	+01:45:55	300	90	3.0	#2 SN Observat	2	
0169-0183.FLAT	25	12:37	15:19:18.8	+01:45:55	300	90	3.0	#2 SN Observat	2	

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<i>File</i>	<i>Exp Time</i>	<i>UT Start</i>	<i>RA</i>	<i>Dec</i>	<i>Gr.</i>	<i>P.A.</i>	<i>Slit</i>	<i>Program</i>	<i>Bin</i>	<i>Comments</i>
0184-0193.DARK	900	14:57	15:19:18.8	+01:45:55	300	90	3.0	#2 SN Observat	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001-0010.DARK	900	01:26	04:42:45.4	+31:28:55	300	90	3.0	#2 SN Observat	2	
0011-0020.BIAS	0	02:29	04:42:45.4	+31:28:55	300	90	3.0	#2 SN Observat	2	
0021-0035.FLAT	25	02:38	04:42:45.4	+31:28:55	300	90	3.0	#2 SN Observat	2	
0036-0045.BIAS	0	02:40	04:42:45.4	+31:28:55	300	90	3.0	#2 SN Observat	4	
0046-0060.FLAT	12	02:45	04:42:45.4	+31:28:55	300	90	3.0	#2 SN Observat	4	
0061.COMP	12	02:48	04:42:45.4	+31:28:55	300	90	3.0	#2 SN Observat	4	very hazy
0063.COMP	12	03:18	05:57:52.6	+01:53:01	300	90	3.0	#112 Orion PMS	2	CCD restart
0064.cvso-075520	600	03:19	05:57:52.6	+01:53:01	300	90	3.0	#112 Orion PMS	2	cvso-075520
0065.COMP	12	03:30	05:57:52.6	+01:53:01	300	90	3.0	#112 Orion PMS	2	
0066.cvso-075595	600	03:31	05:58:04.0	+01:59:06	300	90	3.0	#112 Orion PMS	2	faint star to W
0067.COMP	12	03:41	05:58:04.0	+01:59:06	300	90	3.0	#112 Orion PMS	2	
0068.cvso-084349	600	03:45	05:57:57.2	+03:37:25	300	90	3.0	#112 Orion PMS	2	
0069.COMP	12	03:55	05:57:57.2	+03:37:25	300	90	3.0	#112 Orion PMS	2	
0070.cvso-077353	300	03:56	05:59:25.1	+02:00:53	300	90	3.0	#112 Orion PMS	2	
0071.COMP	12	04:02	05:59:25.1	+02:00:53	300	90	3.0	#112 Orion PMS	2	
0072.sn2007bd	1800	04:06	08:31:33.3	-01:11:58	300	35	3.0	#2 SN Observat	2	rotated to +35
0073.COMP	12	04:36	08:31:33.3	-01:11:58	300	35	3.0	#2 SN Observat	2	
0074.BXMon	15	04:38	07:25:23.0	-03:35:51	300	90	3.0	#12 Symbiotic	2	rot=90
0075.BXMon	180	04:38	07:25:23.0	-03:35:51	300	90	3.0	#12 Symbiotic	2	
0076.COMP	12	04:42	07:25:23.0	-03:35:51	300	90	3.0	#12 Symbiotic	2	



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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0077.BGGem	300	04:44	06:03:31.0	+27:41:50	300	90	3.0	#12 Symbiotic	2	
0078.COMP	12	04:49	06:03:31.0	+27:41:50	300	90	3.0	#12 Symbiotic	2	
0079.HD84937	10	04:52	09:48:54.9	+13:45:14	300	90	3.0	#56 Spectropho	2	
0080.HD84937	10	04:53	09:48:54.9	+13:45:14	300	90	3.0	#56 Spectropho	2	
0081.HD84937	10	04:53	09:48:54.9	+13:45:14	300	90	3.0	#56 Spectropho	2	
0082.COMP	12	04:54	09:48:54.9	+13:45:14	300	90	3.0	#56 Spectropho	2	
0083.Feige34	150	04:56	10:39:36.9	+43:06:11	300	90	3.0	#56 Spectropho	2	
0084.Feige34	150	04:58	10:39:36.9	+43:06:11	300	90	3.0	#56 Spectropho	2	
0085.COMP	12	05:01	10:39:36.9	+43:06:11	300	90	3.0	#57 Velocity S	2	
0086.N3377	200	05:03	10:45:02.6	+14:14:51	300	90	3.0	#57 Velocity S	2	clouds
0087.COMP	12	05:06	10:45:02.6	+14:14:51	300	90	3.0	#57 Velocity S	2	
0088.MRK279	120	07:17	13:51:53.6	+69:33:13	300	90	3.0	#6 AGN Monitor	2	
0089.MRK279	120	07:20	13:51:53.6	+69:33:13	300	90	3.0	#6 AGN Monitor	2	
0090.COMP	12	07:22	13:51:53.6	+69:33:13	300	90	3.0	#6 AGN Monitor	2	
0091.RWHya	2	07:26	13:34:18.0	-25:22:51	300	90	3.0	#12 Symbiotic	2	
0092.RWHya	10	07:26	13:34:18.0	-25:22:51	300	90	3.0	#12 Symbiotic	2	
0093.RWHya	20	07:27	13:34:18.0	-25:22:51	300	90	3.0	#12 Symbiotic	2	
0094.RWHya	60	07:27	13:34:18.0	-25:22:51	300	90	3.0	#12 Symbiotic	2	
0095.COMP	12	07:29	13:34:18.0	-25:22:51	300	90	3.0	#12 Symbiotic	2	
0096.TXCVn	10	07:31	12:44:42.0	+36:45:48	300	90	3.0	#12 Symbiotic	2	

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<i>File</i>	<i>Exp Time</i>	<i>UT Start</i>	<i>RA</i>	<i>Dec</i>	<i>Gr.</i>	<i>P.A.</i>	<i>Slit</i>	<i>Program</i>	<i>Bin</i>	<i>Comments</i>
0097.TXCVn	30	07:31	12:44:42.0	+36:45:48	300	90	3.0	#12 Symbiotic	2	
0098.TXCVn	90	07:32	12:44:42.0	+36:45:48	300	90	3.0	#12 Symbiotic	2	
0099.COMP	12	07:34	12:44:42.0	+36:45:48	300	90	3.0	#6 AGN Monitor	2	
0100.N4051	300	07:36	12:03:09.7	+44:31:53	300	90	3.0	#6 AGN Monitor	2	
0101.COMP	12	07:41	12:03:09.7	+44:31:53	300	90	3.0	#6 AGN Monitor	2	
0102.AGDra	4	07:46	16:01:41.0	+66:48:10	300	90	3.0	#12 Symbiotic	2	
0103.AGDra	30	07:47	16:01:41.0	+66:48:10	300	90	3.0	#12 Symbiotic	2	
0104.AGDra	60	07:47	16:01:41.0	+66:48:10	300	90	3.0	#12 Symbiotic	2	
0105.AGDra	60	07:54	16:01:41.0	+66:48:10	300	90	3.0	#12 Symbiotic	2	ccd and tcs restart
0106.COMP	12	07:56	16:01:41.0	+66:48:10	300	90	3.0	#12 Symbiotic	2	
0107.TCrB	15	07:59	15:59:30.0	+25:55:12	300	90	3.0	#12 Symbiotic	2	
0108.TCrB	60	07:59	15:59:30.0	+25:55:12	300	90	3.0	#12 Symbiotic	2	
0109.TCrB	120	08:01	15:59:30.0	+25:55:12	300	90	3.0	#12 Symbiotic	2	
0110.COMP	12	08:03	15:59:30.0	+25:55:12	300	90	3.0	#12 Symbiotic	2	
0111.N5548	150	08:17	14:17:59.6	+25:08:12	300	90	3.0	#6 AGN Monitor	2	
0112.N5548	150	08:19	14:17:59.6	+25:08:12	300	90	3.0	#6 AGN Monitor	2	
0113.N5548	150	08:22	14:17:59.6	+25:08:12	300	90	3.0	#6 AGN Monitor	2	
0114.COMP	12	08:25	14:17:59.6	+25:08:12	300	90	3.0	#6 AGN Monitor	2	
0115.N4151	60	08:28	12:10:32.6	+39:24:21	300	90	3.0	#6 AGN Monitor	2	
0116.N4151	60	08:29	12:10:32.6	+39:24:21	300	90	3.0	#6 AGN Monitor	2	

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<i>File</i>	<i>Exp Time</i>	<i>UT Start</i>	<i>RA</i>	<i>Dec</i>	<i>Gr.</i>	<i>P.A.</i>	<i>Slit</i>	<i>Program</i>	<i>Bin</i>	<i>Comments</i>
0117.COMP	12	08:31	12:10:32.6	+39:24:21	300	90	3.0	#6 AGN Monitor	2	
0118.N4051	200	08:32	12:03:09.7	+44:31:53	300	90	3.0	#6 AGN Monitor	2	
0119.N4051	200	08:36	12:03:09.7	+44:31:53	300	90	3.0	#6 AGN Monitor	2	
0120.COMP	12	08:40	12:03:09.7	+44:31:53	300	90	3.0	#6 AGN Monitor	2	
0121.cirsfastb118	600	08:45	10:48:31.8	+54:04:48	300	90	3.0	#172 SDSS Clus	2	emission-line
0122.COMP	12	08:57	10:48:31.8	+54:04:48	300	90	3.0	#172 SDSS Clus	2	
0123.cirsfastb119	600	08:58	10:49:24.9	+55:44:08	300	90	3.0	#172 SDSS Clus	2	
0124.COMP	12	09:09	10:49:24.9	+55:44:08	300	90	3.0	#172 SDSS Clus	2	
0125.cirsfastb121	600	09:11	10:50:58.5	+55:29:26	300	90	3.0	#172 SDSS Clus	2	
0126.COMP	12	09:22	10:50:58.5	+55:29:26	300	90	3.0	#172 SDSS Clus	2	
0127.cirsfastb124	600	09:25	10:51:29.0	+55:21:48	300	90	3.0	#172 SDSS Clus	2	poor seeing
0128.COMP	12	09:35	10:51:29.0	+55:21:48	300	90	3.0	#172 SDSS Clus	2	
0129.cirsfastb125	1200	09:37	10:51:29.7	+54:02:04	300	90	3.0	#172 SDSS Clus	2	
0130.COMP	12	09:57	10:51:29.7	+54:02:04	300	90	3.0	#172 SDSS Clus	2	
0131.cirsfastb140	800	09:58	11:02:51.8	+55:37:11	300	90	3.0	#172 SDSS Clus	2	
0132.COMP	12	10:12	11:02:51.8	+55:37:11	300	90	3.0	#172 SDSS Clus	2	
0133.cirsfastb142	600	10:13	11:08:20.8	+54:33:36	300	90	3.0	#172 SDSS Clus	2	
0134.COMP	12	10:24	11:08:20.8	+54:33:36	300	90	3.0	#2 SN Observat	2	
0135.sn2007af	1200	10:28	14:22:21.0	-00:23:38	300	45	3.0	#2 SN Observat	2	rotated to 45
0136.COMP	12	10:49	14:22:21.0	-00:23:38	300	45	3.0	#2 SN Observat	2	

UT Date 2007-04-12 Observers K RinesColl. Focus 1340 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>
0137.sn2007ba	1800	10:53	15:16:42.6	+07:23:48	300	40	3.0	#2 SN Observat	2	rotated to 40
0138.COMP	12	11:24	15:16:42.6	+07:23:48	300	40	3.0	#2 SN Observat	2	
0139.fmb220	300	11:27	15:16:45.8	+07:00:16	300	90	3.0	#171f Local Un	2	
0140.COMP	12	11:32	15:16:45.8	+07:00:16	300	90	3.0	#171f Local Un	2	
0141.fmb219	600	11:33	15:13:41.8	+07:21:18	300	90	3.0	#171f Local Un	2	
0142.COMP	12	11:44	15:13:41.8	+07:21:18	300	90	3.0	#171f Local Un	2	
0143.fmb229	600	11:45	16:00:16.5	+16:08:44	300	90	3.0	#171f Local Un	2	
0144.COMP	12	11:55	16:00:16.5	+16:08:44	300	90	3.0	#171f Local Un	2	
0145.fmb230	600	11:56	16:00:35.8	+16:39:35	300	90	3.0	#171f Local Un	2	
0146.COMP	12	12:07	16:00:35.8	+16:39:35	300	90	3.0	#171f Local Un	2	
0147.RSOph	10	12:08	17:50:13.0	-06:42:30	300	90	3.0	#12 Symbiotic	2	
0148.RSOph	60	12:08	17:50:13.0	-06:42:30	300	90	3.0	#12 Symbiotic	2	
0149.RSOph	150	12:10	17:50:13.0	-06:42:30	300	90	3.0	#12 Symbiotic	2	
0150.COMP	12	12:12	17:50:13.0	-06:42:30	300	90	3.0	#12 Symbiotic	2	
0151.YYHer	10	12:14	18:14:34.0	+20:59:19	300	90	3.0	#12 Symbiotic	2	
0152.YYHer	60	12:14	18:14:34.0	+20:59:19	300	90	3.0	#12 Symbiotic	2	
0153.COMP	12	12:16	18:14:34.0	+20:59:19	300	90	3.0	#12 Symbiotic	2	
0154.V443Her	5	12:16	18:22:07.0	+23:27:20	300	90	3.0	#12 Symbiotic	2	
0155.V443Her	45	12:17	18:22:07.0	+23:27:20	300	90	3.0	#12 Symbiotic	2	
0156.V443Her	90	12:18	18:22:07.0	+23:27:20	300	90	3.0	#12 Symbiotic	2	

UT Date 2007-04-12 Observers K RinesColl. Focus 1340 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>
0157.COMP	12	12:19	18:22:07.0	+23:27:20	300	90	3.0	#12 Symbiotic	2	
0158.BFCyg	1	12:21	19:23:53.0	+29:40:27	300	90	3.0	#12 Symbiotic	2	
0159.BFCyg	60	12:21	19:23:53.0	+29:40:27	300	90	3.0	#12 Symbiotic	2	
0160.COMP	12	12:22	19:23:53.0	+29:40:27	300	90	3.0	#12 Symbiotic	2	
0161-0170.BIAS	0	12:25	19:23:53.0	+29:40:27	300	90	3.0	#12 Symbiotic	2	
0171-0185.FLAT	25	12:34	19:23:53.0	+29:40:27	300	90	3.0	#12 Symbiotic	2	
0186-0195.DARK	1200	15:49	19:23:53.0	+29:40:27	300	90	3.0	#12 Symbiotic	2	



UT Date 2007-04-13 Observers K Rines

Coll. Focus 1340 Grating/Grism 300

<i>File</i>	<i>Exp Time</i>	<i>UT Start</i>	<i>RA</i>	<i>Dec</i>	<i>Gr.</i>	<i>P.A.</i>	<i>Slit</i>	<i>Program</i>	<i>Bin</i>	<i>Comments</i>
0001-0010.DARK	1200	00:24	03:15:17.6	+31:28:11	300	90	3.0	#12 Symbiotic	2	
0011-0020.BIAS	0	01:18	03:15:17.6	+31:28:11	300	90	3.0	#12 Symbiotic	2	
0021-0035.FLAT	25	01:26	03:15:17.6	+31:28:11	300	90	3.0	#12 Symbiotic	2	
0036-0045.BIAS	0	01:36	03:15:17.6	+31:28:11	300	90	3.0	#12 Symbiotic	4	
0046-0060.FLAT	12	01:41	03:15:17.6	+31:28:11	300	90	3.0	#12 Symbiotic	4	

UT Date 2007-04-14 Observers K RinesColl. Focus 1380 Grating/Grism 1200

<i>File</i>	<i>Exp Time</i>	<i>UT Start</i>	<i>RA</i>	<i>Dec</i>	<i>Gr.</i>	<i>P.A.</i>	<i>Slit</i>	<i>Program</i>	<i>Bin</i>	<i>Comments</i>
0001-0005.DARK	1200	23:34	03:15:17.6	+31:28:11	300	90	3.0	#12 Symbiotic	4	
0006-0010.DARK	1200	01:17	03:15:17.6	+31:28:11	300	90	3.0	#12 Symbiotic	2	
0011-0020.BIAS	0	01:47	03:15:17.6	+31:28:11	300	90	3.0	#12 Symbiotic	2	
0021-0035.FLAT	25	01:56	03:15:17.6	+31:28:11	300	90	3.0	#12 Symbiotic	2	
0036-0045.BIAS	0	01:58	03:15:17.6	+31:28:11	300	90	3.0	#12 Symbiotic	4	
0046-0060.FLAT	12	02:03	03:15:17.6	+31:28:11	300	90	3.0	#12 Symbiotic	4	
0061.COMP	12	02:10	03:15:17.6	+31:28:11	300	90	3.0	#12 Symbiotic	2	
0062.Akn120	300	02:35	05:13:38.0	-00:12:15	300	90	3.0	#6 AGN Monitor	2	
0063.COMP	12	02:40	05:13:38.0	-00:12:15	300	90	3.0	#6 AGN Monitor	2	
0064.GITau	240	02:42	04:33:34.0	+24:21:18	300	90	3.0	#12 Symbiotic	2	
0065.COMP	12	02:46	04:33:34.0	+24:21:18	300	90	3.0	#12 Symbiotic	2	
0066.GKTau	240	02:47	04:33:34.5	+24:21:07	300	90	3.0	#12 Symbiotic	2	
0067.COMP	12	02:52	04:33:34.5	+24:21:07	300	90	3.0	#12 Symbiotic	2	
0068.IPHAS_B454	600	02:54	06:27:20.2	+01:18:42	300	90	3.0	#157 IPHAS	2	
0069.COMP	12	03:04	06:27:20.2	+01:18:42	300	90	3.0	#157 IPHAS	2	
0070.IPHAS_B455	400	03:05	06:28:08.7	+01:23:44	300	90	3.0	#157 IPHAS	2	
0071.COMP	12	03:12	06:28:08.7	+01:23:44	300	90	3.0	#157 IPHAS	2	
0072.IPHAS_B456	800	03:14	06:28:15.0	+01:37:29	300	90	3.0	#157 IPHAS	2	
0073.COMP	12	03:28	06:28:15.0	+01:37:29	300	90	3.0	#157 IPHAS	2	
0074.IPHAS_B458	800	03:31	06:30:56.8	+04:38:34	300	90	3.0	#157 IPHAS	2	

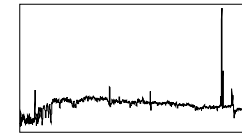
UT Date 2007-04-14 Observers K RinesColl. Focus 1380 Grating/Grism 1200

<i>File</i>	<i>Exp Time</i>	<i>UT Start</i>	<i>RA</i>	<i>Dec</i>	<i>Gr.</i>	<i>P.A.</i>	<i>Slit</i>	<i>Program</i>	<i>Bin</i>	<i>Comments</i>
0075.COMP	12	03:44	06:30:56.8	+04:38:34	300	90	3.0	#157 IPHAS	2	
0076.IPHAS_B494	1000	03:47	06:44:05.2	-03:52:07	300	90	3.0	#157 IPHAS	2	
0077.COMP	12	04:04	06:44:05.2	-03:52:07	300	90	3.0	#157 IPHAS	2	
0078.IPHAS_B487	726	04:05	06:39:55.9	-03:58:26	300	90	3.0	#157 IPHAS	2	
0079.COMP	12	04:18	06:39:55.9	-03:58:26	300	90	3.0	#157 IPHAS	2	
0080.IPHAS_B459	1000	04:20	06:31:42.0	+04:54:18	300	90	3.0	#157 IPHAS	2	
0081.COMP	12	04:37	06:31:42.0	+04:54:18	300	90	3.0	#157 IPHAS	2	
0082.BGGem	300	04:39	06:03:31.0	+27:41:50	300	90	3.0	#12 Symbiotic	2	
0083.COMP	12	04:44	06:03:31.0	+27:41:50	300	90	3.0	#12 Symbiotic	2	
0084.BXMon	15	04:46	07:25:23.0	-03:35:51	300	90	3.0	#12 Symbiotic	2	
0085.BXMon	180	04:46	07:25:23.0	-03:35:51	300	90	3.0	#12 Symbiotic	2	
0086.COMP	12	04:49	07:25:23.0	-03:35:51	300	90	3.0	#12 Symbiotic	2	
0087.sn2007ax	1800	04:53	08:22:43.3	+22:33:17	300	70	3.0	#2 SN Observat	2	rot=70
0088.COMP	12	05:23	08:22:43.3	+22:33:17	300	70	3.0	#2 SN Observat	2	
0089.HD84937	15	05:25	09:48:54.9	+13:45:14	300	70	3.0	#56 Spectropho	2	
0090.HD84937	15	05:25	09:48:54.9	+13:45:14	300	70	3.0	#56 Spectropho	2	
0091.HD84937	15	05:25	09:48:54.9	+13:45:14	300	70	3.0	#56 Spectropho	2	
0092.COMP	12	05:26	09:48:54.9	+13:45:14	300	70	3.0	#56 Spectropho	2	
0093.Feige34	240	05:28	10:39:36.9	+43:06:11	300	90	3.0	#56 Spectropho	2	rot=90
0094.Feige34	191	05:32	10:39:36.9	+43:06:11	300	90	3.0	#56 Spectropho	2	

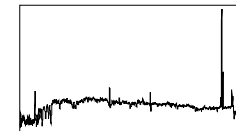


UT Date 2007-04-14 Observers K RinesColl. Focus 1380 Grating/Grism 1200

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0095.COMP	12	05:36	10:39:36.9	+43:06:11	300	90	3.0	#56 Spectropho	2	
0096.sn2007S	1800	05:39	10:00:31.3	+04:24:26	300	40	3.0	#2 SN Observat	2	rot=40
0097.COMP	12	06:10	10:00:31.3	+04:24:26	300	40	3.0	#2 SN Observat	2	
0098.sn2007bc	1200	06:12	11:19:14.6	+20:48:33	300	90	3.0	#2 SN Observat	2	rot=90
0099.COMP	12	06:32	11:19:14.6	+20:48:33	300	90	3.0	#2 SN Observat	2	
0100.cirsfastb114	600	06:34	10:44:40.4	+03:56:28	300	90	3.0	#172 SDSS Clus	2	
0101.COMP	12	06:44	10:44:40.4	+03:56:28	300	90	3.0	#172 SDSS Clus	2	
0102.cirsfastb148	420	06:46	11:10:00.4	+02:14:09	300	90	3.0	#172 SDSS Clus	2	
0103.COMP	12	06:54	11:10:00.4	+02:14:09	300	90	3.0	#172 SDSS Clus	2	
0104.cirsfastb149	720	06:55	11:10:01.4	+01:39:37	300	90	3.0	#172 SDSS Clus	2	
0105.COMP	12	07:07	11:10:01.4	+01:39:37	300	90	3.0	#172 SDSS Clus	2	
0106.cirsfastb150	900	07:08	11:10:02.5	+01:40:19	300	90	3.0	#172 SDSS Clus	2	150at pix=81,150SE, star to E,obj? to W
0107.COMP	12	07:24	11:10:02.5	+01:40:19	300	90	3.0	#172 SDSS Clus	2	
0108.cirsfastb152	720	07:25	11:10:29.4	+02:20:35	300	90	3.0	#172 SDSS Clus	2	
0109.COMP	12	07:38	11:10:29.4	+02:20:35	300	90	3.0	#172 SDSS Clus	2	
0110.cirsfastb154	420	07:39	11:10:48.5	+02:24:17	300	90	3.0	#172 SDSS Clus	2	
0111.COMP	12	07:46	11:10:48.5	+02:24:17	300	90	3.0	#172 SDSS Clus	2	
0112.cirsfastb158	600	07:47	11:11:40.1	+02:06:30	300	90	3.0	#172 SDSS Clus	2	
0113.COMP	12	07:58	11:11:40.1	+02:06:30	300	90	3.0	#172 SDSS Clus	2	
0114.cirsfastb160	600	07:59	11:11:50.5	+02:14:53	300	90	3.0	#172 SDSS Clus	2	

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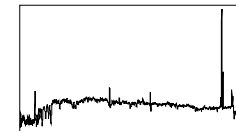
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0115.COMP	12	08:09	11:11:50.5	+02:14:53	300	90	3.0	#172 SDSS Clus	2	
0116.cirsfastb180	600	08:11	11:13:57.5	+02:28:27	300	90	3.0	#172 SDSS Clus	2	
0117.COMP	12	08:21	11:13:57.5	+02:28:27	300	90	3.0	#172 SDSS Clus	2	
0118.cirsfastb198	300	08:22	11:17:47.7	+02:31:53	300	90	3.0	#172 SDSS Clus	2	
0119.COMP	12	08:28	11:17:47.7	+02:31:53	300	90	3.0	#172 SDSS Clus	2	
0120.GWLib	60	08:30	15:19:55.5	-25:00:25	300	90	3.0	#148 Accretion	2	checking for em
0121.GWLib	30	08:31	15:19:55.5	-25:00:25	300	90	3.0	#148 Accretion	2	yes, em
0122.GWLib	30	08:32	15:19:55.5	-25:00:25	300	90	3.0	#148 Accretion	2	
0123.COMP	12	08:33	15:19:55.5	-25:00:25	300	90	3.0	#148 Accretion	2	
0124.COMP	45	08:42	15:19:55.5	-25:00:25	1200	90	1.0	#148 Accretion	2	1200l grating, 1.5 slit
0125.COMP	45	08:47	15:19:55.5	-25:00:25	1200	90	1.0	#148 Accretion	2	focus=1380, tilt=231, rot=0
0126.GWLib	60	08:55	15:19:55.5	-25:00:25	1200	0	1.0	#148 Accretion	2	oops! no target
0127.GWLib	300	08:57	15:19:55.5	-25:00:25	1200	0	1.0	#148 Accretion	2	target at bottom of frame!
0128.GWLib	300	09:02	15:19:55.5	-25:00:25	1200	0	1.0	#148 Accretion	2	target at bottom of frame!
0129.COMP	45	09:08	15:19:55.5	-25:00:25	1200	0	1.0	#148 Accretion	2	
0130.GWLib	30	09:09	15:19:55.5	-25:00:25	1200	0	1.0	#148 Accretion	2	
0131.GWLib	30	09:10	15:19:55.5	-25:00:25	1200	0	1.0	#148 Accretion	2	center of slit on right of TV
0132.GWLib	30	09:11	15:19:55.5	-25:00:25	1200	0	1.0	#148 Accretion	2	
0133.GWLib	30	09:12	15:19:55.5	-25:00:25	1200	0	1.0	#148 Accretion	2	
0134.GWLib	300	09:13	15:19:55.5	-25:00:25	1200	0	1.0	#148 Accretion	2	

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<i>File</i>	<i>Exp Time</i>	<i>UT Start</i>	<i>RA</i>	<i>Dec</i>	<i>Gr.</i>	<i>P.A.</i>	<i>Slit</i>	<i>Program</i>	<i>Bin</i>	<i>Comments</i>
0135.GWLib	300	09:19	15:19:55.5	-25:00:25	1200	0	1.0	#148 Accretion	2	
0136.COMP	45	09:25	15:19:55.5	-25:00:25	1200	0	1.0	#148 Accretion	2	
0137.GWLib	300	09:26	15:19:55.5	-25:00:25	1200	0	1.0	#148 Accretion	2	
0138.GWLib	300	09:31	15:19:55.5	-25:00:25	1200	0	1.0	#148 Accretion	2	
0139.COMP	45	09:37	15:19:55.5	-25:00:25	1200	0	1.0	#148 Accretion	2	
0140.GWLib	300	09:38	15:19:55.5	-25:00:25	1200	0	1.0	#148 Accretion	2	
0141.GWLib	300	09:43	15:19:55.5	-25:00:25	1200	0	1.0	#148 Accretion	2	
0142.COMP	45	09:49	15:19:55.5	-25:00:25	1200	0	1.0	#148 Accretion	2	
0143.GWLib	200	09:50	15:19:55.5	-25:00:25	1200	0	1.0	#148 Accretion	2	
0144.GWLib	200	09:53	15:19:55.5	-25:00:25	1200	0	1.0	#148 Accretion	2	
0145.GWLib	200	09:57	15:19:55.5	-25:00:25	1200	0	1.0	#148 Accretion	2	
0146.COMP	45	10:01	15:19:55.5	-25:00:25	1200	0	1.0	#148 Accretion	2	
0147.GWLib	200	10:02	15:19:55.5	-25:00:25	1200	0	1.0	#148 Accretion	2	
0148.GWLib	200	10:06	15:19:55.5	-25:00:25	1200	0	1.0	#148 Accretion	2	
0149.GWLib	200	10:09	15:19:55.5	-25:00:25	1200	0	1.0	#148 Accretion	2	
0150.COMP	45	10:13	15:19:55.5	-25:00:25	1200	0	1.0	#148 Accretion	2	
0151.GWLib	200	10:14	15:19:55.5	-25:00:25	1200	0	1.0	#148 Accretion	2	
0152.GWLib	200	10:18	15:19:55.5	-25:00:25	1200	0	1.0	#148 Accretion	2	
0153.GWLib	200	10:21	15:19:55.5	-25:00:25	1200	0	1.0	#148 Accretion	2	
0154.COMP	45	10:25	15:19:55.5	-25:00:25	1200	0	1.0	#148 Accretion	2	

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<i>File</i>	<i>Exp Time</i>	<i>UT Start</i>	<i>RA</i>	<i>Dec</i>	<i>Gr.</i>	<i>P.A.</i>	<i>Slit</i>	<i>Program</i>	<i>Bin</i>	<i>Comments</i>
0155.GWLib	200	10:26	15:19:55.5	-25:00:25	1200	0	1.0	#148 Accretion	2	
0156.GWLib	200	10:30	15:19:55.5	-25:00:25	1200	0	1.0	#148 Accretion	2	
0157.GWLib	200	10:33	15:19:55.5	-25:00:25	1200	0	1.0	#148 Accretion	2	
0158.COMP	45	10:37	15:19:55.5	-25:00:25	1200	0	1.0	#148 Accretion	2	
0159.GWLib	200	10:38	15:19:55.5	-25:00:25	1200	0	1.0	#148 Accretion	2	
0160.GWLib	200	10:42	15:19:55.5	-25:00:25	1200	0	1.0	#148 Accretion	2	
0161.GWLib	200	10:45	15:19:55.5	-25:00:25	1200	0	1.0	#148 Accretion	2	
0162.COMP	45	10:49	15:19:55.5	-25:00:25	1200	0	1.0	#148 Accretion	2	
0163.GWLib	200	10:50	15:19:55.5	-25:00:25	1200	0	1.0	#148 Accretion	2	
0164.GWLib	200	10:54	15:19:55.5	-25:00:25	1200	0	1.0	#148 Accretion	2	
0165.GWLib	200	10:57	15:19:55.5	-25:00:25	1200	0	1.0	#148 Accretion	2	
0166.COMP	45	11:01	15:19:55.5	-25:00:25	1200	0	1.0	#148 Accretion	2	
0167.GWLib	200	11:03	15:19:55.5	-25:00:25	1200	0	1.0	#148 Accretion	2	
0168.GWLib	200	11:06	15:19:55.5	-25:00:25	1200	0	1.0	#148 Accretion	2	
0169.GWLib	200	11:10	15:19:55.5	-25:00:25	1200	0	1.0	#148 Accretion	2	
0170.COMP	45	11:13	15:19:55.5	-25:00:25	1200	0	1.0	#148 Accretion	2	
0171.GWLib	200	11:15	15:19:55.5	-25:00:25	1200	0	1.0	#148 Accretion	2	
0172.GWLib	200	11:18	15:19:55.5	-25:00:25	1200	0	1.0	#148 Accretion	2	
0173.GWLib	200	11:22	15:19:55.5	-25:00:25	1200	0	1.0	#148 Accretion	2	
0174.COMP	45	11:26	15:19:55.5	-25:00:25	1200	0	1.0	#148 Accretion	2	

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<i>File</i>	<i>Exp Time</i>	<i>UT Start</i>	<i>RA</i>	<i>Dec</i>	<i>Gr.</i>	<i>P.A.</i>	<i>Slit</i>	<i>Program</i>	<i>Bin</i>	<i>Comments</i>
0175.BDp332642	120	11:31	15:52:00.0	+32:56:54	1200	0	1.0	#56 Spectropho	2	
0176.BDp332642	120	11:34	15:52:00.0	+32:56:54	1200	0	1.0	#56 Spectropho	2	
0177.COMP	45	11:36	15:52:00.0	+32:56:54	1200	0	1.0	#56 Spectropho	2	
0178.BDp332642	60	11:39	15:52:00.0	+32:56:54	1200	0	1.0	#56 Spectropho	2	FLAT
0179.BDp332642	150	11:42	15:52:00.0	+32:56:54	1200	0	1.0	#56 Spectropho	2	FLAT
0180-0184.FLAT	150	11:56	15:52:00.0	+32:56:54	1200	0	1.0	#56 Spectropho	2	
0185.COMP	12	12:06	15:52:00.0	+32:56:54	300	90	3.0	#56 Spectropho	2	3001, focus=1340
0186.COMP	12	12:08	15:52:00.0	+32:56:54	300	90	3.0	#56 Spectropho	2	3 slit rot=90
0187.CHCyg	1	12:10	19:24:33.0	+50:14:30	300	90	3.0	#12 Symbiotic	2	
0188.CHCyg	5	12:10	19:24:33.0	+50:14:30	300	90	3.0	#12 Symbiotic	2	
0189.CHCyg	30	12:10	19:24:33.0	+50:14:30	300	90	3.0	#12 Symbiotic	2	
0190.COMP	12	12:11	19:24:33.0	+50:14:30	300	90	3.0	#12 Symbiotic	2	
0191.AGDra	2	12:13	16:01:41.0	+66:48:10	300	90	3.0	#12 Symbiotic	2	
0192.AGDra	15	12:14	16:01:41.0	+66:48:10	300	90	3.0	#12 Symbiotic	2	
0193.AGDra	45	12:14	16:01:41.0	+66:48:10	300	90	3.0	#12 Symbiotic	2	
0194.COMP	12	12:15	16:01:41.0	+66:48:10	300	90	3.0	#12 Symbiotic	2	
0195.CICyg	2	12:17	19:50:12.0	+35:41:02	300	90	3.0	#12 Symbiotic	2	
0196.CICyg	20	12:17	19:50:12.0	+35:41:02	300	90	3.0	#12 Symbiotic	2	
0197.CICyg	60	12:17	19:50:12.0	+35:41:02	300	90	3.0	#12 Symbiotic	2	
0198.COMP	12	12:19	19:50:12.0	+35:41:02	300	90	3.0	#12 Symbiotic	2	

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<i>File</i>	<i>Exp Time</i>	<i>UT Start</i>	<i>RA</i>	<i>Dec</i>	<i>Gr.</i>	<i>P.A.</i>	<i>Slit</i>	<i>Program</i>	<i>Bin</i>	<i>Comments</i>
0199.PUVu1	1	12:20	20:21:13.0	+21:34:21	300	90	3.0	#12 Symbiotic	2	
0200.PUVu1	10	12:20	20:21:13.0	+21:34:21	300	90	3.0	#12 Symbiotic	2	
0201.PUVu1	60	12:20	20:21:13.0	+21:34:21	300	90	3.0	#12 Symbiotic	2	
0202.PUVu1	10	12:22	20:21:13.0	+21:34:21	300	90	3.0	#12 Symbiotic	2	
0203.COMP	12	12:22	20:21:13.0	+21:34:21	300	90	3.0	#12 Symbiotic	2	
0204-0213.BIAS	0	12:34	20:21:13.0	+21:34:21	300	90	3.0	#12 Symbiotic	2	
0214-0228.FLAT	25	12:43	20:21:13.0	+21:34:21	300	90	3.0	#12 Symbiotic	2	
0229-0238.DARK	1200	15:48	20:21:13.0	+21:34:21	300	90	3.0	#12 Symbiotic	2	

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<i>File</i>	<i>Exp Time</i>	<i>UT Start</i>	<i>RA</i>	<i>Dec</i>	<i>Gr.</i>	<i>P.A.</i>	<i>Slit</i>	<i>Program</i>	<i>Bin</i>	<i>Comments</i>
0001-0010.DARK	1200	01:35	20:21:13.0	+21:34:21	300	90	3.0	#12 Symbiotic	2	
0011-0020.BIAS	0	02:06	20:21:13.0	+21:34:21	300	90	3.0	#12 Symbiotic	2	
0021-0035.FLAT	25	02:15	20:21:13.0	+21:34:21	300	90	3.0	#12 Symbiotic	2	
0036.COMP	12	02:17	20:21:13.0	+21:34:21	300	90	3.0	#12 Symbiotic	2	
0037.HD84937	15	02:35	09:48:54.9	+13:45:14	300	90	3.0	#56 Spectropho	2	
0038.HD84937	15	02:35	09:48:54.9	+13:45:14	300	90	3.0	#56 Spectropho	2	
0039.HD84937	15	02:36	09:48:54.9	+13:45:14	300	90	3.0	#56 Spectropho	2	
0040.COMP	12	02:36	09:48:54.9	+13:45:14	300	90	3.0	#56 Spectropho	2	
0041.Feige34	240	02:45	10:39:36.9	+43:06:11	300	90	3.0	#56 Spectropho	2	
0042.Feige34	240	02:49	10:39:36.9	+43:06:11	300	90	3.0	#56 Spectropho	2	
0043.COMP	12	02:54	10:39:36.9	+43:06:11	300	90	3.0	#56 Spectropho	2	
0044.IPHAS_B490	420	02:56	06:40:35.0	-01:56:48	300	90	3.0	#157 IPHAS	2	
0045.COMP	12	03:03	06:40:35.0	-01:56:48	300	90	3.0	#157 IPHAS	2	
0046.IPHAS_B491	480	03:04	06:41:32.8	-02:08:12	300	90	3.0	#157 IPHAS	2	
0047.COMP	12	03:13	06:41:32.8	-02:08:12	300	90	3.0	#157 IPHAS	2	
0048.IPHAS_B492	240	03:13	06:41:07.4	-01:49:51	300	90	3.0	#157 IPHAS	2	
0049.COMP	12	03:18	06:41:07.4	-01:49:51	300	90	3.0	#157 IPHAS	2	
0050.IPHAS_B493	900	03:19	06:43:25.5	-03:51:43	300	90	3.0	#157 IPHAS	2	
0051.COMP	12	03:34	06:43:25.5	-03:51:43	300	90	3.0	#157 IPHAS	2	
0052.IPHAS_B495	150	03:35	06:47:12.7	-02:55:40	300	90	3.0	#157 IPHAS	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0053.COMP	12	03:38	06:47:12.7	-02:55:40	300	90	3.0	#157 IPHAS	2	
0054.IPHAS_B496	150	03:39	06:57:28.2	-01:44:23	300	90	3.0	#157 IPHAS	2	
0055.COMP	12	03:42	06:57:28.2	-01:44:23	300	90	3.0	#157 IPHAS	2	
0056.IPHAS_B497	150	03:44	06:59:47.1	-01:18:56	300	90	3.0	#157 IPHAS	2	
0057.COMP	12	03:47	06:59:47.1	-01:18:56	300	90	3.0	#157 IPHAS	2	
0058.IPHAS_B461	150	03:48	06:31:31.0	+05:06:59	300	90	3.0	#157 IPHAS	2	
0059.COMP	12	03:51	06:31:31.0	+05:06:59	300	90	3.0	#157 IPHAS	2	
0060.IPHAS_B462	1800	03:52	06:31:16.3	+05:06:51	300	90	3.0	#157 IPHAS	2	
0061.COMP	12	04:22	06:31:16.3	+05:06:51	300	90	3.0	#157 IPHAS	2	
0062.sn2007bd	1800	04:25	08:31:33.3	-01:11:58	300	40	3.0	#2 SN Observat	2	rot=40
0063.COMP	12	04:56	08:31:33.3	-01:11:58	300	40	3.0	#2 SN Observat	2	
0064.cirsfastb139	300	04:59	11:01:30.5	+12:07:48	300	90	3.0	#172 SDSS Clus	2	rot=90
0065.COMP	12	05:04	11:01:30.5	+12:07:48	300	90	3.0	#172 SDSS Clus	2	
0066.cirsfastb141	200	05:05	11:05:54.0	+11:04:30	300	90	3.0	#172 SDSS Clus	2	
0067.COMP	12	05:09	11:05:54.0	+11:04:30	300	90	3.0	#172 SDSS Clus	2	
0068.cirsfastb168	720	05:11	11:12:17.3	+02:36:14	300	90	3.0	#172 SDSS Clus	2	168 and 168W
0069.COMP	12	05:23	11:12:17.3	+02:36:14	300	90	3.0	#172 SDSS Clus	2	
0070.cirsfastb172	720	05:25	11:12:57.7	+02:43:54	300	90	3.0	#172 SDSS Clus	2	
0071.COMP	12	05:37	11:12:57.7	+02:43:54	300	90	3.0	#172 SDSS Clus	2	
0072.cirsfastb175	720	05:39	11:13:16.1	+02:37:58	300	20	3.0	#172 SDSS Clus	2	rot=20, 175=pix80, 175SW=pix85



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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0073.COMP	12	05:52	11:13:16.1	+02:37:58	300	20	3.0	#172 SDSS Clus	2	
0074.cirsfastb182	720	05:54	11:14:58.4	+02:45:07	300	90	3.0	#172 SDSS Clus	2	rot=90
0075.COMP	12	06:06	11:14:58.4	+02:45:07	300	90	3.0	#172 SDSS Clus	2	
0076.cirsfastb183	720	06:07	11:15:10.0	+02:42:39	300	90	3.0	#172 SDSS Clus	2	
0077.COMP	12	06:19	11:15:10.0	+02:42:39	300	90	3.0	#172 SDSS Clus	2	
0078.cirsfastb184	720	06:21	11:15:14.7	+02:23:19	300	90	3.0	#172 SDSS Clus	2	
0079.COMP	12	06:33	11:15:14.7	+02:23:19	300	90	3.0	#172 SDSS Clus	2	
0080.cirsfastb185	720	06:34	11:15:19.9	+03:07:22	300	90	3.0	#172 SDSS Clus	2	
0081.COMP	12	06:47	11:15:19.9	+03:07:22	300	90	3.0	#172 SDSS Clus	2	
0082.cirsfastb190	900	06:48	11:16:06.9	+03:23:33	300	90	3.0	#172 SDSS Clus	2	
0083.COMP	12	07:03	11:16:06.9	+03:23:33	300	90	3.0	#172 SDSS Clus	2	
0084.sn2007F	1800	07:08	13:03:15.1	+50:37:08	300	90	3.0	#2 SN Observat	2	
0085.COMP	12	07:40	13:03:15.1	+50:37:08	300	90	3.0	#2 SN Observat	2	
0086.sn2007af	1200	07:44	14:22:21.0	-00:23:38	300	-9	3.0	#2 SN Observat	2	rot=-10
0087.COMP	12	08:05	14:22:21.0	-00:23:38	300	-9	3.0	#2 SN Observat	2	
0088.COMP	45	08:12	14:22:21.0	-00:23:38	1200	0	1.0	#2 SN Observat	2	focus 1380, 1.5 slit
0089.BDp332642	120	08:19	15:52:00.0	+32:56:54	1200	0	1.0	#56 Spectropho	2	rot=0, tilt=231
0090.COMP	45	08:22	15:52:00.0	+32:56:54	1200	0	1.0	#56 Spectropho	2	
0091.GWLib	60	08:28	15:19:55.5	-25:00:25	1200	0	1.0	#148 Accretion	2	
0092.GWLib	60	08:30	15:19:55.5	-25:00:25	1200	0	1.0	#148 Accretion	2	



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<i>File</i>	<i>Exp Time</i>	<i>UT Start</i>	<i>RA</i>	<i>Dec</i>	<i>Gr.</i>	<i>P.A.</i>	<i>Slit</i>	<i>Program</i>	<i>Bin</i>	<i>Comments</i>
0093.COMP	45	08:31	15:19:55.5	-25:00:25	1200	0	1.0	#148 Accretion	2	
0094.GWLib	60	08:32	15:19:55.5	-25:00:25	1200	0	1.0	#148 Accretion	4	binby4
0095.GWLib	60	08:35	15:19:55.5	-25:00:25	1200	0	1.0	#148 Accretion	4	
0096.GWLib	60	08:36	15:19:55.5	-25:00:25	1200	0	1.0	#148 Accretion	4	
0097.GWLib	60	08:37	15:19:55.5	-25:00:25	1200	0	1.0	#148 Accretion	4	
0098.GWLib	60	08:38	15:19:55.5	-25:00:25	1200	0	1.0	#148 Accretion	4	
0099.GWLib	60	08:39	15:19:55.5	-25:00:25	1200	0	1.0	#148 Accretion	4	
0100.GWLib	60	08:40	15:19:55.5	-25:00:25	1200	0	1.0	#148 Accretion	4	
0101.GWLib	60	08:41	15:19:55.5	-25:00:25	1200	0	1.0	#148 Accretion	4	
0102.GWLib	60	08:43	15:19:55.5	-25:00:25	1200	0	1.0	#148 Accretion	4	
0103.GWLib	60	08:44	15:19:55.5	-25:00:25	1200	0	1.0	#148 Accretion	4	
0104.COMP	45	08:45	15:19:55.5	-25:00:25	1200	0	1.0	#148 Accretion	4	
0105.GWLib	60	08:47	15:19:55.5	-25:00:25	1200	0	1.0	#148 Accretion	4	
0106.GWLib	60	08:48	15:19:55.5	-25:00:25	1200	0	1.0	#148 Accretion	4	
0107.GWLib	60	08:49	15:19:55.5	-25:00:25	1200	0	1.0	#148 Accretion	4	
0108.GWLib	60	08:50	15:19:55.5	-25:00:25	1200	0	1.0	#148 Accretion	4	
0109.GWLib	60	08:51	15:19:55.5	-25:00:25	1200	0	1.0	#148 Accretion	4	
0110.GWLib	60	08:53	15:19:55.5	-25:00:25	1200	0	1.0	#148 Accretion	4	
0111.GWLib	60	08:54	15:19:55.5	-25:00:25	1200	0	1.0	#148 Accretion	4	
0112.GWLib	60	08:55	15:19:55.5	-25:00:25	1200	0	1.0	#148 Accretion	4	

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<i>File</i>	<i>Exp Time</i>	<i>UT Start</i>	<i>RA</i>	<i>Dec</i>	<i>Gr.</i>	<i>P.A.</i>	<i>Slit</i>	<i>Program</i>	<i>Bin</i>	<i>Comments</i>
0113.GWLib	60	08:56	15:19:55.5	-25:00:25	1200	0	1.0	#148 Accretion	4	
0114.GWLib	60	08:57	15:19:55.5	-25:00:25	1200	0	1.0	#148 Accretion	4	
0115.COMP	45	08:59	15:19:55.5	-25:00:25	1200	0	1.0	#148 Accretion	4	
0116.GWLib	60	09:00	15:19:55.5	-25:00:25	1200	0	1.0	#148 Accretion	4	
0117.GWLib	60	09:01	15:19:55.5	-25:00:25	1200	0	1.0	#148 Accretion	4	
0118.GWLib	60	09:02	15:19:55.5	-25:00:25	1200	0	1.0	#148 Accretion	4	
0119.GWLib	60	09:03	15:19:55.5	-25:00:25	1200	0	1.0	#148 Accretion	4	
0120.GWLib	60	09:04	15:19:55.5	-25:00:25	1200	0	1.0	#148 Accretion	4	
0121.GWLib	60	09:06	15:19:55.5	-25:00:25	1200	0	1.0	#148 Accretion	4	
0122.GWLib	60	09:07	15:19:55.5	-25:00:25	1200	0	1.0	#148 Accretion	4	
0123.GWLib	60	09:08	15:19:55.5	-25:00:25	1200	0	1.0	#148 Accretion	4	
0124.GWLib	60	09:09	15:19:55.5	-25:00:25	1200	0	1.0	#148 Accretion	4	
0125.GWLib	60	09:10	15:19:55.5	-25:00:25	1200	0	1.0	#148 Accretion	4	
0126.COMP	45	09:12	15:19:55.5	-25:00:25	1200	0	1.0	#148 Accretion	4	
0127.GWLib	60	09:13	15:19:55.5	-25:00:25	1200	0	1.0	#148 Accretion	4	
0128.GWLib	60	09:14	15:19:55.5	-25:00:25	1200	0	1.0	#148 Accretion	4	
0129.GWLib	60	09:16	15:19:55.5	-25:00:25	1200	0	1.0	#148 Accretion	4	
0130.GWLib	60	09:17	15:19:55.5	-25:00:25	1200	0	1.0	#148 Accretion	4	
0131.GWLib	60	09:18	15:19:55.5	-25:00:25	1200	0	1.0	#148 Accretion	4	
0132.GWLib	60	09:19	15:19:55.5	-25:00:25	1200	0	1.0	#148 Accretion	4	

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<i>File</i>	<i>Exp Time</i>	<i>UT Start</i>	<i>RA</i>	<i>Dec</i>	<i>Gr.</i>	<i>P.A.</i>	<i>Slit</i>	<i>Program</i>	<i>Bin</i>	<i>Comments</i>
0133.GWLib	60	09:20	15:19:55.5	-25:00:25	1200	0	1.0	#148 Accretion	4	
0134.GWLib	60	09:21	15:19:55.5	-25:00:25	1200	0	1.0	#148 Accretion	4	
0135.GWLib	60	09:22	15:19:55.5	-25:00:25	1200	0	1.0	#148 Accretion	4	
0136.GWLib	60	09:24	15:19:55.5	-25:00:25	1200	0	1.0	#148 Accretion	4	
0137.COMP	45	09:25	15:19:55.5	-25:00:25	1200	0	1.0	#148 Accretion	4	
0138.GWLib	60	09:26	15:19:55.5	-25:00:25	1200	0	1.0	#148 Accretion	4	
0139.GWLib	60	09:27	15:19:55.5	-25:00:25	1200	0	1.0	#148 Accretion	4	
0140.GWLib	60	09:28	15:19:55.5	-25:00:25	1200	0	1.0	#148 Accretion	4	
0141.GWLib	60	09:30	15:19:55.5	-25:00:25	1200	0	1.0	#148 Accretion	4	
0142.GWLib	60	09:31	15:19:55.5	-25:00:25	1200	0	1.0	#148 Accretion	4	
0143.GWLib	60	09:32	15:19:55.5	-25:00:25	1200	0	1.0	#148 Accretion	4	
0144.GWLib	60	09:33	15:19:55.5	-25:00:25	1200	0	1.0	#148 Accretion	4	
0145.GWLib	60	09:34	15:19:55.5	-25:00:25	1200	0	1.0	#148 Accretion	4	
0146.GWLib	60	09:35	15:19:55.5	-25:00:25	1200	0	1.0	#148 Accretion	4	
0147.GWLib	60	09:36	15:19:55.5	-25:00:25	1200	0	1.0	#148 Accretion	4	
0148.COMP	45	09:38	15:19:55.5	-25:00:25	1200	0	1.0	#148 Accretion	4	
0149.GWLib	60	09:39	15:19:55.5	-25:00:25	1200	0	1.0	#148 Accretion	4	
0150.GWLib	60	09:41	15:19:55.5	-25:00:25	1200	0	1.0	#148 Accretion	4	
0151.GWLib	60	09:42	15:19:55.5	-25:00:25	1200	0	1.0	#148 Accretion	4	
0152.GWLib	60	09:43	15:19:55.5	-25:00:25	1200	0	1.0	#148 Accretion	4	



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Coll. Focus 1340 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>
0153.GWLib	60	09:44	15:19:55.5	-25:00:25	1200	0	1.0	#148 Accretion	4	
0154.GWLib	60	09:45	15:19:55.5	-25:00:25	1200	0	1.0	#148 Accretion	4	
0155.GWLib	60	09:46	15:19:55.5	-25:00:25	1200	0	1.0	#148 Accretion	4	
0156.GWLib	60	09:47	15:19:55.5	-25:00:25	1200	0	1.0	#148 Accretion	4	
0157.GWLib	60	09:49	15:19:55.5	-25:00:25	1200	0	1.0	#148 Accretion	4	
0158.GWLib	60	09:50	15:19:55.5	-25:00:25	1200	0	1.0	#148 Accretion	4	
0159.COMP	45	09:52	15:19:55.5	-25:00:25	1200	0	1.0	#148 Accretion	4	
0160.GWLib	60	09:53	15:19:55.5	-25:00:25	1200	0	1.0	#148 Accretion	4	
0161.GWLib	60	09:54	15:19:55.5	-25:00:25	1200	0	1.0	#148 Accretion	4	
0162.GWLib	60	09:55	15:19:55.5	-25:00:25	1200	0	1.0	#148 Accretion	4	
0163.GWLib	60	09:56	15:19:55.5	-25:00:25	1200	0	1.0	#148 Accretion	4	
0164.GWLib	60	09:58	15:19:55.5	-25:00:25	1200	0	1.0	#148 Accretion	4	
0165.GWLib	60	09:59	15:19:55.5	-25:00:25	1200	0	1.0	#148 Accretion	4	
0166.GWLib	60	10:00	15:19:55.5	-25:00:25	1200	0	1.0	#148 Accretion	4	
0167.GWLib	60	10:01	15:19:55.5	-25:00:25	1200	0	1.0	#148 Accretion	4	
0168.GWLib	60	10:02	15:19:55.5	-25:00:25	1200	0	1.0	#148 Accretion	4	
0169.GWLib	60	10:03	15:19:55.5	-25:00:25	1200	0	1.0	#148 Accretion	4	
0170.COMP	45	10:05	15:19:55.5	-25:00:25	1200	0	1.0	#148 Accretion	4	
0171.GWLib	60	10:06	15:19:55.5	-25:00:25	1200	0	1.0	#148 Accretion	4	
0172.GWLib	60	10:07	15:19:55.5	-25:00:25	1200	0	1.0	#148 Accretion	4	

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<i>File</i>	<i>Exp Time</i>	<i>UT Start</i>	<i>RA</i>	<i>Dec</i>	<i>Gr.</i>	<i>P.A.</i>	<i>Slit</i>	<i>Program</i>	<i>Bin</i>	<i>Comments</i>
0173.GWLib	60	10:08	15:19:55.5	-25:00:25	1200	0	1.0	#148 Accretion	4	
0174.GWLib	60	10:09	15:19:55.5	-25:00:25	1200	0	1.0	#148 Accretion	4	
0175.GWLib	60	10:11	15:19:55.5	-25:00:25	1200	0	1.0	#148 Accretion	4	
0176.GWLib	60	10:12	15:19:55.5	-25:00:25	1200	0	1.0	#148 Accretion	4	
0177.GWLib	60	10:13	15:19:55.5	-25:00:25	1200	0	1.0	#148 Accretion	4	
0178.GWLib	60	10:14	15:19:55.5	-25:00:25	1200	0	1.0	#148 Accretion	4	
0179.GWLib	60	10:15	15:19:55.5	-25:00:25	1200	0	1.0	#148 Accretion	4	
0180.GWLib	60	10:16	15:19:55.5	-25:00:25	1200	0	1.0	#148 Accretion	4	
0181.COMP	45	10:18	15:19:55.5	-25:00:25	1200	0	1.0	#148 Accretion	4	
0182.GWLib	60	10:19	15:19:55.5	-25:00:25	1200	0	1.0	#148 Accretion	4	
0183.GWLib	60	10:20	15:19:55.5	-25:00:25	1200	0	1.0	#148 Accretion	4	
0184.GWLib	60	10:21	15:19:55.5	-25:00:25	1200	0	1.0	#148 Accretion	4	
0185.GWLib	60	10:22	15:19:55.5	-25:00:25	1200	0	1.0	#148 Accretion	4	
0186.GWLib	60	10:24	15:19:55.5	-25:00:25	1200	0	1.0	#148 Accretion	4	
0187.GWLib	60	10:25	15:19:55.5	-25:00:25	1200	0	1.0	#148 Accretion	4	
0188.GWLib	60	10:26	15:19:55.5	-25:00:25	1200	0	1.0	#148 Accretion	4	
0189.GWLib	60	10:27	15:19:55.5	-25:00:25	1200	0	1.0	#148 Accretion	4	
0190.GWLib	60	10:28	15:19:55.5	-25:00:25	1200	0	1.0	#148 Accretion	4	
0191.GWLib	60	10:29	15:19:55.5	-25:00:25	1200	0	1.0	#148 Accretion	4	
0192.COMP	45	10:31	15:19:55.5	-25:00:25	1200	0	1.0	#148 Accretion	4	

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<i>File</i>	<i>Exp Time</i>	<i>UT Start</i>	<i>RA</i>	<i>Dec</i>	<i>Gr.</i>	<i>P.A.</i>	<i>Slit</i>	<i>Program</i>	<i>Bin</i>	<i>Comments</i>
0193.GWLib	60	10:32	15:19:55.5	-25:00:25	1200	0	1.0	#148 Accretion	4	
0194.GWLib	60	10:33	15:19:55.5	-25:00:25	1200	0	1.0	#148 Accretion	4	
0195.GWLib	60	10:34	15:19:55.5	-25:00:25	1200	0	1.0	#148 Accretion	4	
0196.GWLib	60	10:35	15:19:55.5	-25:00:25	1200	0	1.0	#148 Accretion	4	
0197.GWLib	60	10:36	15:19:55.5	-25:00:25	1200	0	1.0	#148 Accretion	4	
0198.GWLib	60	10:38	15:19:55.5	-25:00:25	1200	0	1.0	#148 Accretion	4	
0199.GWLib	60	10:39	15:19:55.5	-25:00:25	1200	0	1.0	#148 Accretion	4	
0200.GWLib	60	10:40	15:19:55.5	-25:00:25	1200	0	1.0	#148 Accretion	4	
0201.GWLib	60	10:41	15:19:55.5	-25:00:25	1200	0	1.0	#148 Accretion	4	
0202.GWLib	60	10:42	15:19:55.5	-25:00:25	1200	0	1.0	#148 Accretion	4	
0203.COMP	45	10:44	15:19:55.5	-25:00:25	1200	0	1.0	#148 Accretion	4	
0204.GWLib	60	10:45	15:19:55.5	-25:00:25	1200	0	1.0	#148 Accretion	4	
0205.GWLib	60	10:46	15:19:55.5	-25:00:25	1200	0	1.0	#148 Accretion	4	
0206.GWLib	60	10:47	15:19:55.5	-25:00:25	1200	0	1.0	#148 Accretion	4	
0207.GWLib	60	10:48	15:19:55.5	-25:00:25	1200	0	1.0	#148 Accretion	4	
0208.GWLib	60	10:49	15:19:55.5	-25:00:25	1200	0	1.0	#148 Accretion	4	
0209.GWLib	60	10:50	15:19:55.5	-25:00:25	1200	0	1.0	#148 Accretion	4	
0210.GWLib	60	10:52	15:19:55.5	-25:00:25	1200	0	1.0	#148 Accretion	4	
0211.GWLib	60	10:53	15:19:55.5	-25:00:25	1200	0	1.0	#148 Accretion	4	
0212.GWLib	60	10:54	15:19:55.5	-25:00:25	1200	0	1.0	#148 Accretion	4	

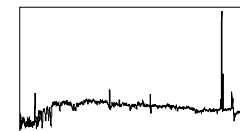
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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0213.GWLib	60	10:55	15:19:55.5	-25:00:25	1200	0	1.0	#148 Accretion	4	
0214.COMP	45	10:56	15:19:55.5	-25:00:25	1200	0	1.0	#148 Accretion	4	
0215.BDp332642	60	11:00	15:52:00.0	+32:56:54	1200	0	1.0	#56 Spectropho	4	
0216.BDp332642	60	11:01	15:52:00.0	+32:56:54	1200	0	1.0	#56 Spectropho	4	
0217.BDp332642	60	11:02	15:52:00.0	+32:56:54	1200	0	1.0	#56 Spectropho	4	
0218.COMP	45	11:03	15:52:00.0	+32:56:54	1200	0	1.0	#56 Spectropho	4	
0219.FLAT	90	11:07	15:52:00.0	+32:56:54	1200	90	1.0	#56 Spectropho	4	rot=90
0220-0223.FLAT	90	11:15	15:52:00.0	+32:56:54	1200	90	1.0	#56 Spectropho	4	
0224.COMP	12	11:22	15:52:00.0	+32:56:54	300	90	3.0	#56 Spectropho	4	focus=1340, 3 slit binby4
0225.fmf231	600	11:25	16:00:56.2	+15:31:36	300	90	3.0	#171f Local Un	2	binby2
0226.COMP	12	11:35	16:00:56.2	+15:31:36	300	90	3.0	#171f Local Un	2	
0227.fmf232	480	11:37	16:01:14.7	+16:33:46	300	90	3.0	#171f Local Un	2	
0228.COMP	12	11:45	16:01:14.7	+16:33:46	300	90	3.0	#171f Local Un	2	
0229.fmf233	420	11:46	16:01:18.1	+16:44:54	300	90	3.0	#171f Local Un	2	
0230.COMP	12	11:54	16:01:18.1	+16:44:54	300	90	3.0	#171f Local Un	2	
0231.fmf234	360	11:55	16:02:01.8	+16:26:07	300	90	3.0	#171f Local Un	2	
0232.COMP	12	12:01	16:02:01.8	+16:26:07	300	90	3.0	#171f Local Un	2	
0233.fmf237	300	12:03	16:04:41.1	+16:25:47	300	90	3.0	#171f Local Un	2	
0234.COMP	12	12:08	16:04:41.1	+16:25:47	300	90	3.0	#171f Local Un	2	
0235.AGDra	2	12:10	16:01:41.0	+66:48:10	300	90	3.0	#12 Symbiotic	2	

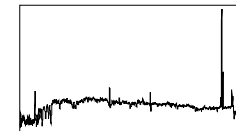


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<i>File</i>	<i>Exp Time</i>	<i>UT Start</i>	<i>RA</i>	<i>Dec</i>	<i>Gr.</i>	<i>P.A.</i>	<i>Slit</i>	<i>Program</i>	<i>Bin</i>	<i>Comments</i>
0236.AGDra	15	12:11	16:01:41.0	+66:48:10	300	90	3.0	#12 Symbiotic	2	
0237.AGDra	45	12:11	16:01:41.0	+66:48:10	300	90	3.0	#12 Symbiotic	2	
0238.COMP	12	12:12	16:01:41.0	+66:48:10	300	90	3.0	#12 Symbiotic	2	
0239.CICyg	1	12:14	19:50:12.0	+35:41:02	300	90	3.0	#12 Symbiotic	2	
0240.CICyg	5	12:14	19:50:12.0	+35:41:02	300	90	3.0	#12 Symbiotic	2	
0241.CICyg	30	12:15	19:50:12.0	+35:41:02	300	90	3.0	#12 Symbiotic	2	
0242.COMP	12	12:16	19:50:12.0	+35:41:02	300	90	3.0	#12 Symbiotic	2	
0243-0252.BIAS	0	12:19	19:50:12.0	+35:41:02	300	90	3.0	#12 Symbiotic	2	
0253-0267.FLAT	25	12:28	19:50:12.0	+35:41:02	300	90	3.0	#12 Symbiotic	2	
0268.BIAS	0	12:29	19:50:12.0	+35:41:02	300	90	3.0	#56 Spectropho	4	binby4
0269-0277.BIAS	0	12:31	19:50:12.0	+35:41:02	300	90	3.0	#56 Spectropho	4	
0278-0287.DARK	1200	15:37	19:50:12.0	+35:41:02	300	90	3.0	#56 Spectropho	2	

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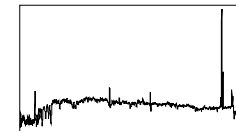
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001-0010.DARK	900	00:51	19:50:12.0	+35:41:02	300	90	3.0	#56 Spectropho	2	
0011.COMP	12	01:12	19:50:12.0	+35:41:02	300	90	3.0	#56 Spectropho	2	checking tilt
0012.COMP	12	01:20	19:50:12.0	+35:41:02	300	90	3.0	#56 Spectropho	2	checking tilt
0013-0022.BIAS	0	01:38	19:50:12.0	+35:41:02	300	90	3.0	#56 Spectropho	2	
0023-0037.FLAT	25	01:47	19:50:12.0	+35:41:02	300	90	3.0	#56 Spectropho	2	
0038.HD84937	15	02:54	09:48:54.9	+13:45:14	300	90	3.0	#56 Spectropho	2	
0039.HD84937	15	02:55	09:48:54.9	+13:45:14	300	90	3.0	#56 Spectropho	2	
0040.HD84937	15	02:57	09:48:54.9	+13:45:14	300	90	3.0	#56 Spectropho	2	
0041.COMP	12	02:58	09:48:54.9	+13:45:14	300	90	3.0	#56 Spectropho	2	
0042.Feige34	180	03:03	10:39:36.9	+43:06:11	300	90	3.0	#56 Spectropho	2	
0043.Feige34	180	03:07	10:39:36.9	+43:06:11	300	90	3.0	#56 Spectropho	2	
0044.COMP	12	03:11	10:39:36.9	+43:06:11	300	90	3.0	#56 Spectropho	2	
0045.N3377	180	03:16	10:45:02.6	+14:14:51	300	90	3.0	#57 Velocity S	2	
0046.N3377	180	03:19	10:45:02.6	+14:14:51	300	90	3.0	#57 Velocity S	2	
0047.COMP	12	03:28	10:45:02.6	+14:14:51	300	90	3.0	#57 Velocity S	2	
0048.sn2007ax	1800	03:45	08:22:43.3	+22:33:17	300	90	3.0	#2 SN Observat	2	
0049.COMP	12	04:17	08:22:43.3	+22:33:17	300	90	3.0	#2 SN Observat	2	
0050.N3227	150	04:24	10:23:30.6	+19:51:54	300	90	3.0	#6 AGN Monitor	2	
0051.N3227	150	04:26	10:23:30.6	+19:51:54	300	90	3.0	#6 AGN Monitor	2	
0052.COMP	12	04:30	10:23:30.6	+19:51:54	300	90	3.0	#6 AGN Monitor	2	

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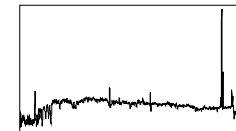
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0053.MRK421	300	04:33	11:04:27.4	+38:12:32	300	90	3.0	#6 AGN Monitor	2	
0054.MRK421	300	04:38	11:04:27.4	+38:12:32	300	90	3.0	#6 AGN Monitor	2	
0055.COMP	12	04:44	11:04:27.4	+38:12:32	300	90	3.0	#6 AGN Monitor	2	
0056.sn2007bc	1200	04:51	11:19:14.6	+20:48:33	300	-20	3.0	#2 SN Observat	2	
0057.COMP	12	05:11	11:19:14.6	+20:48:33	300	-20	3.0	#2 SN Observat	2	
0058.N4051	150	05:17	12:03:09.7	+44:31:53	300	90	3.0	#6 AGN Monitor	2	
0059.N4051	150	05:20	12:03:09.7	+44:31:53	300	90	3.0	#6 AGN Monitor	2	
0060.COMP	12	05:23	12:03:09.7	+44:31:53	300	90	3.0	#6 AGN Monitor	2	
0061.N4151	30	05:30	12:10:32.6	+39:24:21	300	90	3.0	#6 AGN Monitor	2	
0062.N4151	30	05:30	12:10:32.6	+39:24:21	300	90	3.0	#6 AGN Monitor	2	
0063.COMP	12	05:31	12:10:32.6	+39:24:21	300	90	3.0	#6 AGN Monitor	2	
0064.MRK279	120	05:36	13:51:53.6	+69:33:13	300	90	3.0	#6 AGN Monitor	2	
0065.MRK279	120	05:38	13:51:53.6	+69:33:13	300	90	3.0	#6 AGN Monitor	2	
0066.COMP	12	05:42	13:51:53.6	+69:33:13	300	90	3.0	#6 AGN Monitor	2	
0067.14344474-1555245	1800	06:47	14:34:44.7	-15:55:24	300	90	3.0	#141 Mapping t	2	obj at 89
0068.COMP	12	07:19	14:34:44.7	-15:55:24	300	90	3.0	#141 Mapping t	2	
0069.N5548	150	07:24	14:17:59.6	+25:08:12	300	90	3.0	#6 AGN Monitor	2	
0070.N5548	150	07:27	14:17:59.6	+25:08:12	300	90	3.0	#6 AGN Monitor	2	
0071.N5548	150	07:29	14:17:59.6	+25:08:12	300	90	3.0	#6 AGN Monitor	2	
0072.COMP	12	07:35	14:17:59.6	+25:08:12	300	90	3.0	#6 AGN Monitor	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0073.sn2007af	1200	08:11	14:22:21.0	-00:23:38	300	0	3.0	#2 SN Observat	2	
0074.COMP	12	08:39	14:22:21.0	-00:23:38	300	0	3.0	#2 SN Observat	2	
0075.14345520+0851123	720	08:45	14:34:55.2	+08:51:12	300	90	3.0	#141 Mapping t	2	
0076.COMP	12	09:00	14:34:55.2	+08:51:12	300	90	3.0	#141 Mapping t	2	
0077.14365356+2117512	1020	09:13	14:36:53.6	+21:17:51	300	80	3.0	#141 Mapping t	2	
0078.COMP	12	09:30	14:36:53.6	+21:17:51	300	80	3.0	#141 Mapping t	2	
0079.14365363+1822142	1020	09:38	14:36:53.6	+18:22:14	300	90	3.0	#141 Mapping t	2	
0080.COMP	12	09:55	14:36:53.6	+18:22:14	300	90	3.0	#141 Mapping t	2	
0081.14425672+2500591	900	10:00	14:42:56.7	+25:00:59	300	90	3.0	#141 Mapping t	2	
0082.COMP	12	10:16	14:42:56.7	+25:00:59	300	90	3.0	#141 Mapping t	2	
0083.AGDra	2	10:21	16:01:41.0	+66:48:10	300	90	3.0	#12 Symbiotic	2	
0084.AGDra	15	10:21	16:01:41.0	+66:48:10	300	90	3.0	#12 Symbiotic	2	
0085.AGDra	45	10:22	16:01:41.0	+66:48:10	300	90	3.0	#12 Symbiotic	2	
0086.COMP	12	10:24	16:01:41.0	+66:48:10	300	90	3.0	#12 Symbiotic	2	
0087.DracoC1	1200	10:31	17:19:58.0	+57:50:06	300	90	3.0	#12 Symbiotic	2	
0088.COMP	12	10:52	17:19:58.0	+57:50:06	300	90	3.0	#12 Symbiotic	2	
0089.17005963+2925078	1200	11:39	17:00:59.6	+29:25:08	300	90	3.0	#141 Mapping t	2	
0090.COMP	12	12:01	17:00:59.6	+29:25:08	300	90	3.0	#141 Mapping t	2	
0091-0100.BIAS	0	12:11	17:00:59.6	+29:25:08	300	90	3.0	#6 AGN Monitor	2	
0101-0115.FLAT	25	12:20	17:00:59.6	+29:25:08	300	90	3.0	#6 AGN Monitor	2	

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<i>File</i>	<i>Exp Time</i>	<i>UT Start</i>	<i>RA</i>	<i>Dec</i>	<i>Gr.</i>	<i>P.A.</i>	<i>Slit</i>	<i>Program</i>	<i>Bin</i>	<i>Comments</i>
0116-0120.DARK	900	13:57	17:00:59.6	+29:25:08	300	90	3.0	#6 AGN Monitor	4	
0121-0122.DARK	900	14:27	17:00:59.6	+29:25:08	300	90	3.0	#6 AGN Monitor	2	

UT Date 2007-04-17 Observers W PetersColl. Focus 1340 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001.COMP	10	01:29	07:43:50.7	+31:30:46	300	90	3.0	#6 AGN Monitor	2	
0002-0006.DARK	900	02:41	07:43:50.7	+31:30:46	300	90	3.0	#6 AGN Monitor	2	
0007-0016.BIAS	0	03:34	07:43:50.7	+31:30:46	300	90	3.0	#6 AGN Monitor	2	
0017-0031.FLAT	25	03:43	07:43:50.7	+31:30:46	300	90	3.0	#6 AGN Monitor	2	
0032.Feige34	120	07:46	10:39:36.9	+43:06:11	300	90	3.0	#56 Spectropho	2	
0033.Feige34	120	07:51	10:39:36.9	+43:06:11	300	90	3.0	#56 Spectropho	2	
0034.COMP	12	07:54	10:39:36.9	+43:06:11	300	90	3.0	#56 Spectropho	2	
0035.BDp262606	60	08:00	14:49:02.4	+25:42:09	300	90	3.0	#56 Spectropho	2	
0036.BDp262606	60	08:01	14:49:02.4	+25:42:09	300	90	3.0	#56 Spectropho	2	
0037.COMP	12	08:02	14:49:02.4	+25:42:09	300	90	3.0	#56 Spectropho	2	
0038.N4486B	300	08:07	12:30:32.0	+12:29:25	300	90	3.0	#57 Velocity S	2	
0039.COMP	12	08:20	12:30:32.0	+12:29:25	300	90	3.0	#57 Velocity S	2	
0040.sn2007bc	1200	08:27	11:19:14.6	+20:48:33	300	90	3.0	#2 SN Observat	2	
0041.COMP	12	08:48	11:19:14.6	+20:48:33	300	90	3.0	#2 SN Observat	2	
0042.N4051	150	08:53	12:03:09.7	+44:31:53	300	90	3.0	#6 AGN Monitor	2	
0043.N4051	150	08:56	12:03:09.7	+44:31:53	300	90	3.0	#6 AGN Monitor	2	
0044.COMP	12	08:59	12:03:09.7	+44:31:53	300	90	3.0	#6 AGN Monitor	2	
0045.N5548	150	09:02	14:17:59.6	+25:08:12	300	90	3.0	#6 AGN Monitor	2	
0046.N5548	150	09:05	14:17:59.6	+25:08:12	300	90	3.0	#6 AGN Monitor	2	
0047.N5548	150	09:08	14:17:59.6	+25:08:12	300	90	3.0	#6 AGN Monitor	2	

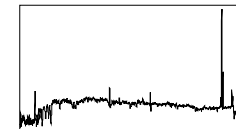
UT Date 2007-04-17 Observers W PetersColl. Focus 1340 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0048.COMP	12	09:11	14:17:59.6	+25:08:12	300	90	3.0	#6 AGN Monitor	2	
0049.AGDra	2	09:14	16:01:41.0	+66:48:10	300	90	3.0	#12 Symbiotic	2	
0050.AGDra	15	09:14	16:01:41.0	+66:48:10	300	90	3.0	#12 Symbiotic	2	
0051.AGDra	45	09:15	16:01:41.0	+66:48:10	300	90	3.0	#12 Symbiotic	2	
0052.COMP	12	09:17	16:01:41.0	+66:48:10	300	90	3.0	#12 Symbiotic	2	
0053.bcand314	1140	09:36	14:45:33.3	+16:42:33	600	90	2.0	#166 Hyper Vel	4	
0054.COMP	10	09:56	14:45:33.3	+16:42:33	600	90	2.0	#166 Hyper Vel	4	
0055.BDp332642	90	10:02	15:52:00.0	+32:56:54	600	90	2.0	#56 Spectropho	4	
0056.COMP	10	10:05	15:52:00.0	+32:56:54	600	90	2.0	#56 Spectropho	4	
0057.BDp332642	90	10:07	15:52:00.0	+32:56:54	600	90	2.0	#56 Spectropho	4	
0058.COMP	10	10:09	15:52:00.0	+32:56:54	600	90	2.0	#56 Spectropho	4	
0059.bcand315	1380	10:14	14:49:10.6	+13:17:10	600	90	2.0	#166 Hyper Vel	4	
0060.COMP	10	10:38	14:49:10.6	+13:17:10	600	90	2.0	#166 Hyper Vel	4	
0061.bcand317	1200	10:42	14:52:58.4	+13:27:36	600	90	2.0	#166 Hyper Vel	4	
0062.COMP	10	11:04	14:52:58.4	+13:27:36	600	90	2.0	#166 Hyper Vel	4	
0063.bcand318	1800	11:08	14:54:38.0	+18:47:26	600	90	2.0	#166 Hyper Vel	4	
0064.COMP	10	11:41	14:54:38.0	+18:47:26	600	90	2.0	#166 Hyper Vel	4	
0065-0074.BIAS	0	11:51	14:54:38.0	+18:47:26	600	90	2.0	#166 Hyper Vel	4	
0075-0084.FLAT	45	12:00	14:54:38.0	+18:47:26	600	90	2.0	#166 Hyper Vel	4	
0085-0089.DARK	900	13:22	14:54:38.0	+18:47:26	600	90	2.0	#166 Hyper Vel	4	

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<i>File</i>	<i>Exp Time</i>	<i>UT Start</i>	<i>RA</i>	<i>Dec</i>	<i>Gr.</i>	<i>P.A.</i>	<i>Slit</i>	<i>Program</i>	<i>Bin</i>	<i>Comments</i>
0090-0094.DARK	900	14:39	14:54:38.0	+18:47:26	600	90	2.0	#166 Hyper Vel	2	



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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0003-0007.DARK	900	01:37	14:54:38.0	+18:47:26	600	90	2.0	#166 Hyper Vel	4	
0008-0009.DARK	900	02:08	14:54:38.0	+18:47:26	600	90	2.0	#166 Hyper Vel	2	
0010-0019.BIAS	0	02:27	14:54:38.0	+18:47:26	600	90	2.0	#166 Hyper Vel	2	
0020-0034.FLAT	25	02:36	14:54:38.0	+18:47:26	600	90	2.0	#166 Hyper Vel	2	
0035.N3227	150	03:06	10:23:30.6	+19:51:54	300	90	3.0	#6 AGN Monitor	2	
0036.N3227	150	03:09	10:23:30.6	+19:51:54	300	90	3.0	#6 AGN Monitor	2	
0037.COMP	12	03:12	10:23:30.6	+19:51:54	300	90	3.0	#6 AGN Monitor	2	
0038.Feige34	120	03:17	10:39:36.9	+43:06:11	300	90	3.0	#56 Spectropho	2	
0039.Feige34	120	03:19	10:39:36.9	+43:06:11	300	90	3.0	#56 Spectropho	2	
0040.COMP	12	03:22	10:39:36.9	+43:06:11	300	90	3.0	#56 Spectropho	2	
0041.Feige34	120	03:26	10:39:36.9	+43:06:11	300	90	5.0	#56 Spectropho	2	may be some cirrus
0042.Feige34	120	03:28	10:39:36.9	+43:06:11	300	90	5.0	#56 Spectropho	2	may be some cirrus
0043.COMP	12	03:31	10:39:36.9	+43:06:11	300	90	5.0	#56 Spectropho	2	
0044-0053.FLAT	25	03:37	10:39:36.9	+43:06:11	300	90	5.0	#56 Spectropho	2	
0054.FLAT	15	03:40	10:39:36.9	+43:06:11	300	90	5.0	#56 Spectropho	2	shortened exposure time
0055-0063.FLAT	15	03:45	10:39:36.9	+43:06:11	300	90	5.0	#56 Spectropho	2	
0064.HD84937	5	03:59	09:48:54.9	+13:45:14	300	90	3.0	#56 Spectropho	2	
0065.HD84937	5	04:00	09:48:54.9	+13:45:14	300	90	3.0	#56 Spectropho	2	
0066.COMP	12	04:00	09:48:54.9	+13:45:14	300	90	3.0	#56 Spectropho	2	
0067.N4051	150	04:04	12:03:09.7	+44:31:53	300	90	3.0	#6 AGN Monitor	2	

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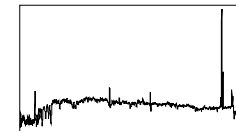
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0068.N4051	150	04:06	12:03:09.7	+44:31:53	300	90	3.0	#6 AGN Monitor	2	
0069.COMP	12	04:09	12:03:09.7	+44:31:53	300	90	3.0	#6 AGN Monitor	2	
0070.N4151	30	04:11	12:10:32.6	+39:24:21	300	90	3.0	#6 AGN Monitor	2	
0071.N4151	30	04:12	12:10:32.6	+39:24:21	300	90	3.0	#6 AGN Monitor	2	
0072.COMP	12	04:13	12:10:32.6	+39:24:21	300	90	3.0	#6 AGN Monitor	2	
0073.sn2007ax	1800	04:18	08:22:43.3	+22:33:17	300	90	3.0	#2 SN Observat	2	
0074.COMP	12	04:55	08:22:43.3	+22:33:17	300	90	3.0	#2 SN Observat	2	
0075.sn2007bd	2100	05:04	08:31:33.3	-01:11:58	300	46	3.0	#2 SN Observat	2	
0076.COMP	12	05:40	08:31:33.3	-01:11:58	300	46	3.0	#2 SN Observat	2	
0077.N3377	180	05:55	10:45:02.6	+14:14:51	300	90	3.0	#57 Velocity S	2	
0078.COMP	12	06:00	10:45:02.6	+14:14:51	300	90	3.0	#57 Velocity S	2	
0079.N5548	150	06:04	14:17:59.6	+25:08:12	300	90	3.0	#6 AGN Monitor	2	
0080.N5548	150	06:07	14:17:59.6	+25:08:12	300	90	3.0	#6 AGN Monitor	2	
0081.N5548	150	06:09	14:17:59.6	+25:08:12	300	90	3.0	#6 AGN Monitor	2	
0082.COMP	12	06:12	14:17:59.6	+25:08:12	300	90	3.0	#6 AGN Monitor	2	
0083.sn2007af	1200	06:32	14:22:21.0	-00:23:38	300	-32	3.0	#2 SN Observat	2	
0084.COMP	12	06:53	14:22:21.0	-00:23:38	300	-32	3.0	#2 SN Observat	2	
0085.14443458+4048157	600	06:59	14:44:34.6	+40:48:16	300	90	3.0	#141 Mapping t	2	
0086.COMP	12	07:10	14:44:34.6	+40:48:16	300	90	3.0	#141 Mapping t	2	
0087.14451579+3718016	900	07:13	14:45:15.8	+37:18:02	300	90	3.0	#141 Mapping t	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0088.COMP	12	07:29	14:45:15.8	+37:18:02	300	90	3.0	#141 Mapping t	2	
0089.14473900-1724578	900	07:34	14:47:39.0	-17:24:58	300	90	3.0	#141 Mapping t	2	
0090.COMP	12	07:50	14:47:39.0	-17:24:58	300	90	3.0	#141 Mapping t	2	
0091.14494934+1742234	900	07:55	14:49:49.3	+17:42:23	300	90	3.0	#141 Mapping t	2	
0092.COMP	12	08:10	14:49:49.3	+17:42:23	300	90	3.0	#141 Mapping t	2	
0093.14503533-1005202	720	08:16	14:50:35.3	-10:05:20	300	90	3.0	#141 Mapping t	2	
0094.COMP	12	08:28	14:50:35.3	-10:05:20	300	90	3.0	#141 Mapping t	2	
0095.14510986+1834311	900	08:32	14:51:09.9	+18:34:31	300	90	3.0	#141 Mapping t	2	
0096.COMP	12	08:49	14:51:09.9	+18:34:31	300	90	3.0	#141 Mapping t	2	
0097.TCrB	15	08:56	15:59:30.0	+25:55:12	300	90	3.0	#12 Symbiotic	2	
0098.TCrB	60	08:56	15:59:30.0	+25:55:12	300	90	3.0	#12 Symbiotic	2	
0099.COMP	12	08:58	15:59:30.0	+25:55:12	300	90	3.0	#12 Symbiotic	2	
0100.AGDra	2	09:05	16:01:41.0	+66:48:10	300	90	3.0	#12 Symbiotic	2	
0101.AGDra	15	09:05	16:01:41.0	+66:48:10	300	90	3.0	#12 Symbiotic	2	
0102.AGDra	45	09:05	16:01:41.0	+66:48:10	300	90	3.0	#12 Symbiotic	2	
0103.COMP	12	09:07	16:01:41.0	+66:48:10	300	90	3.0	#12 Symbiotic	2	
0104.14513034+1730567	1020	09:16	14:51:30.3	+17:30:57	300	90	3.0	#141 Mapping t	2	
0105.COMP	12	09:36	14:51:30.3	+17:30:57	300	90	3.0	#141 Mapping t	2	
0106.14535568+2435253	420	09:40	14:53:55.7	+24:35:25	300	90	3.0	#141 Mapping t	2	
0107.COMP	12	09:52	14:53:55.7	+24:35:25	300	90	3.0	#141 Mapping t	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0108.14545525-1653133	720	09:55	14:54:55.2	-16:53:13	300	90	3.0	#141 Mapping t	2	
0109.COMP	12	10:08	14:54:55.2	-16:53:13	300	90	3.0	#141 Mapping t	2	
0110.14551290-1851542	960	10:12	14:55:12.9	-18:51:54	300	90	3.0	#141 Mapping t	2	
0111.COMP	12	10:31	14:55:12.9	-18:51:54	300	90	3.0	#141 Mapping t	2	
0112.fmb238	420	10:37	16:29:07.9	+39:08:50	300	90	3.0	#171f Local Un	2	
0113.COMP	12	10:45	16:29:07.9	+39:08:50	300	90	3.0	#171f Local Un	2	
0114.fmb235	900	10:48	16:02:43.2	+16:40:10	300	90	3.0	#171f Local Un	2	
0115.COMP	12	11:04	16:02:43.2	+16:40:10	300	90	3.0	#171f Local Un	2	
0116.fmb236	720	11:07	16:03:43.6	+15:47:23	300	80	3.0	#171f Local Un	2	
0117.COMP	12	11:20	16:03:43.6	+15:47:23	300	80	3.0	#171f Local Un	2	
0118.fresh	1	11:35	19:24:33.0	+50:14:30	300	90	3.0	#12 Symbiotic	2	
0119.CHCyg	5	11:35	19:24:33.0	+50:14:30	300	90	3.0	#12 Symbiotic	2	
0120.CHCyg	30	11:36	19:24:33.0	+50:14:30	300	90	3.0	#12 Symbiotic	2	
0121.COMP	12	11:37	19:24:33.0	+50:14:30	300	90	3.0	#12 Symbiotic	2	
0122.3C390.3	300	11:41	18:42:09.0	+79:46:17	300	90	3.0	#6 AGN Monitor	2	
0123.3C390.3	300	11:46	18:42:09.0	+79:46:17	300	90	3.0	#6 AGN Monitor	2	
0124.3C390.3	300	11:51	18:42:09.0	+79:46:17	300	90	3.0	#6 AGN Monitor	2	
0125.COMP	12	11:57	18:42:09.0	+79:46:17	300	90	3.0	#6 AGN Monitor	2	
0126-0135.BIAS	0	12:06	18:42:09.0	+79:46:17	300	90	3.0	#2 SN Observat	2	
0136-0150.FLAT	25	12:15	18:42:09.0	+79:46:17	300	90	3.0	#2 SN Observat	2	

UT Date 2007-04-18 Observers W PetersColl. Focus 1340 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>
0151-0155.DARK	900	13:18	18:42:09.0	+79:46:17	300	90	3.0	#2 SN Observat	4	
0156-0160.DARK	900	14:35	18:42:09.0	+79:46:17	300	90	3.0	#2 SN Observat	2	

UT Date 2007-04-19 Observers W PetersColl. Focus 1340 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0006.BIAS	0	04:57	18:42:09.0	+79:46:17	300	90	3.0	#2 SN Observat	2	starting after mysterious warmup of fast
0007-0015.BIAS	0	04:59	18:42:09.0	+79:46:17	300	90	3.0	#2 SN Observat	2	
0016-0030.FLAT	25	05:08	18:42:09.0	+79:46:17	300	90	3.0	#2 SN Observat	2	
0031.SDSS1003+0502	1200	05:38	10:03:34.7	+05:02:32	300	41	3.0	#165 Quasar Br	2	
0032.COMP	12	05:58	10:03:34.7	+05:02:32	300	41	3.0	#165 Quasar Br	2	
0033.Feige34	120	06:07	10:39:36.9	+43:06:11	300	90	3.0	#56 Spectropho	2	
0034.Feige34	120	06:10	10:39:36.9	+43:06:11	300	90	3.0	#56 Spectropho	2	
0035.COMP	12	06:13	10:39:36.9	+43:06:11	300	90	3.0	#56 Spectropho	2	
0036.HD84937	5	06:17	09:48:54.9	+13:45:14	300	90	3.0	#56 Spectropho	2	
0037.HD84937	5	06:17	09:48:54.9	+13:45:14	300	90	3.0	#56 Spectropho	2	
0038.COMP	12	06:19	09:48:54.9	+13:45:14	300	90	3.0	#56 Spectropho	2	
0039.N3227	150	06:23	10:23:30.6	+19:51:54	300	90	3.0	#6 AGN Monitor	2	
0040.N3227	150	06:26	10:23:30.6	+19:51:54	300	90	3.0	#6 AGN Monitor	2	
0041.COMP	12	06:29	10:23:30.6	+19:51:54	300	90	3.0	#6 AGN Monitor	2	
0042.N4051	150	06:32	12:03:09.7	+44:31:53	300	90	3.0	#6 AGN Monitor	2	
0043.N4051	150	06:35	12:03:09.7	+44:31:53	300	90	3.0	#6 AGN Monitor	2	
0044.COMP	12	06:38	12:03:09.7	+44:31:53	300	90	3.0	#6 AGN Monitor	2	
0045.sn2007S	1800	06:52	10:00:31.3	+04:24:26	300	50	3.0	#2 SN Observat	2	difficult observing conditions
0046.COMP	12	07:22	10:00:31.3	+04:24:26	300	50	3.0	#2 SN Observat	2	
0047.N4486B	300	07:28	12:30:32.0	+12:29:25	300	90	3.0	#57 Velocity S	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0048.COMP	12	07:33	12:30:32.0	+12:29:25	300	90	3.0	#57 Velocity S	2	
0049.SDSS1328+5731	1200	07:41	13:28:01.3	+57:31:13	300	-15	3.0	#165 Quasar Br	2	
0050.COMP	12	08:04	13:28:01.3	+57:31:13	300	-15	3.0	#165 Quasar Br	2	
0051.SDSS1334-0123	1200	08:19	13:34:28.1	-01:23:49	300	24	3.0	#165 Quasar Br	2	
0052.SDSS1334-0123	1200	08:39	13:34:28.1	-01:23:49	300	24	3.0	#165 Quasar Br	2	
0053.SDSS1334-0123	1200	08:59	13:34:28.1	-01:23:49	300	24	3.0	#165 Quasar Br	2	
0054.COMP	12	09:20	13:34:28.1	-01:23:49	300	24	3.0	#165 Quasar Br	2	
0055.SDSS1437+0428	1200	09:29	14:37:52.8	+04:28:55	300	30	3.0	#165 Quasar Br	2	
0056.SDSS1437+0428	1200	09:49	14:37:52.8	+04:28:55	300	30	3.0	#165 Quasar Br	2	
0057.SDSS1437+0428	1200	10:09	14:37:52.8	+04:28:55	300	30	3.0	#165 Quasar Br	2	
0058.COMP	12	10:30	14:37:52.8	+04:28:55	300	30	3.0	#165 Quasar Br	2	
0059.SDSS1448+0424	1200	10:35	14:48:42.4	+04:24:03	300	50	3.0	#165 Quasar Br	2	
0060.SDSS1448+0424	1200	10:55	14:48:42.4	+04:24:03	300	50	3.0	#165 Quasar Br	2	
0061.SDSS1448+0424	1200	11:15	14:48:42.4	+04:24:03	300	50	3.0	#165 Quasar Br	2	
0062.COMP	12	11:36	14:48:42.4	+04:24:03	300	50	3.0	#165 Quasar Br	2	
0063.AGDra	2	11:43	16:01:41.0	+66:48:10	300	90	3.0	#12 Symbiotic	2	
0064.AGDra	15	11:43	16:01:41.0	+66:48:10	300	90	3.0	#12 Symbiotic	2	
0065.AGDra	45	11:43	16:01:41.0	+66:48:10	300	90	3.0	#12 Symbiotic	2	
0066.COMP	12	11:45	16:01:41.0	+66:48:10	300	90	3.0	#12 Symbiotic	2	
0067.CHCyg	1	11:48	19:24:33.0	+50:14:30	300	90	3.0	#12 Symbiotic	2	

UT Date 2007-04-19 Observers W PetersColl. Focus 1340 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>
0068.CHCyg	5	11:48	19:24:33.0	+50:14:30	300	90	3.0	#12 Symbiotic	2	
0069.CHCyg	30	11:48	19:24:33.0	+50:14:30	300	90	3.0	#12 Symbiotic	2	
0070.COMP	12	11:49	19:24:33.0	+50:14:30	300	90	3.0	#12 Symbiotic	2	
0071.N5548	150	11:54	14:17:59.6	+25:08:12	300	90	3.0	#6 AGN Monitor	2	
0072.N5548	150	11:57	14:17:59.6	+25:08:12	300	90	3.0	#6 AGN Monitor	2	
0073.N5548	150	12:00	14:17:59.6	+25:08:12	300	90	3.0	#6 AGN Monitor	2	
0074.COMP	12	12:03	14:17:59.6	+25:08:12	300	90	3.0	#6 AGN Monitor	2	
0075-0084.BIAS	0	12:09	14:17:59.6	+25:08:12	300	90	3.0	#165 Quasar Br	2	
0085-0099.FLAT	25	12:18	14:17:59.6	+25:08:12	300	90	3.0	#165 Quasar Br	2	
0100-0109.DARK	900	14:52	14:17:59.6	+25:08:12	300	90	3.0	#165 Quasar Br	4	
0110-0119.DARK	900	17:25	14:17:59.6	+25:08:12	300	90	3.0	#165 Quasar Br	2	



UT Date 2007-04-20 Observers W PetersColl. Focus 1340 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001.COMP	10	00:50	07:10:59.0	+31:30:26	300	90	3.0	#165 Quasar Br	2	test tilt of grating
0002.COMP	10	00:55	07:10:59.0	+31:30:26	300	90	3.0	#165 Quasar Br	2	testing
0003.COMP	10	00:59	07:10:59.0	+31:30:26	300	90	3.0	#165 Quasar Br	2	testing
0004-0013.BIAS	0	01:06	07:10:59.0	+31:30:26	300	90	3.0	#165 Quasar Br	2	
0014-0028.FLAT	25	01:15	07:10:59.0	+31:30:26	300	90	3.0	#165 Quasar Br	2	
0029-0032.DARK	900	02:07	07:10:59.0	+31:30:26	300	90	3.0	#165 Quasar Br	2	
0033.HD84937	5	02:55	09:48:54.9	+13:45:14	300	90	3.0	#56 Spectropho	2	
0034.HD84937	5	02:55	09:48:54.9	+13:45:14	300	90	3.0	#56 Spectropho	2	
0035.COMP	12	02:57	09:48:54.9	+13:45:14	300	90	3.0	#56 Spectropho	2	
0036.Feige34	90	03:24	10:39:36.9	+43:06:11	300	90	3.0	#56 Spectropho	2	
0037.Feige34	90	03:26	10:39:36.9	+43:06:11	300	90	3.0	#56 Spectropho	2	
0038.COMP	12	03:29	10:39:36.9	+43:06:11	300	90	3.0	#56 Spectropho	2	
0039.N3377	180	03:31	10:45:02.6	+14:14:51	300	90	3.0	#57 Velocity S	2	
0040.COMP	12	03:36	10:45:02.6	+14:14:51	300	90	3.0	#57 Velocity S	2	
0043.N3227	150	03:54	10:23:30.6	+19:51:54	300	90	3.0	#6 AGN Monitor	2	
0044.N3227	150	03:57	10:23:30.6	+19:51:54	300	90	3.0	#6 AGN Monitor	2	
0045.COMP	12	04:01	10:23:30.6	+19:51:54	300	90	3.0	#6 AGN Monitor	2	
0046.MRK421	150	04:08	11:04:27.4	+38:12:32	300	90	3.0	#6 AGN Monitor	2	
0047.MRK421	150	04:11	11:04:27.4	+38:12:32	300	90	3.0	#6 AGN Monitor	2	
0048.COMP	12	04:14	11:04:27.4	+38:12:32	300	90	3.0	#6 AGN Monitor	2	

UT Date 2007-04-20 Observers W PetersColl. Focus 1340 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>
0049.N4051	150	04:20	12:03:09.7	+44:31:53	300	90	3.0	#6 AGN Monitor	2	
0050.N4051	150	04:23	12:03:09.7	+44:31:53	300	90	3.0	#6 AGN Monitor	2	
0051.COMP	12	04:27	12:03:09.7	+44:31:53	300	90	3.0	#6 AGN Monitor	2	
0052.N4151	30	04:31	12:10:32.6	+39:24:21	300	90	3.0	#6 AGN Monitor	2	
0053.N4151	30	04:32	12:10:32.6	+39:24:21	300	90	3.0	#6 AGN Monitor	2	
0054.COMP	12	04:33	12:10:32.6	+39:24:21	300	90	3.0	#6 AGN Monitor	2	
0055.sn2007bg	1830	05:16	11:49:26.2	+51:49:22	300	100	3.0	#2 SN Observat	2	
0056.COMP	12	05:48	11:49:26.2	+51:49:22	300	100	3.0	#2 SN Observat	2	
0057.MRK279	120	06:17	13:51:53.6	+69:33:13	300	90	3.0	#6 AGN Monitor	2	
0058.MRK279	120	06:19	13:51:53.6	+69:33:13	300	90	3.0	#6 AGN Monitor	2	
0059.COMP	12	06:22	13:51:53.6	+69:33:13	300	90	3.0	#6 AGN Monitor	2	
0060.N5548	150	06:31	14:17:59.6	+25:08:12	300	90	3.0	#6 AGN Monitor	2	
0061.N5548	150	06:34	14:17:59.6	+25:08:12	300	90	3.0	#6 AGN Monitor	2	
0062.N5548	150	06:36	14:17:59.6	+25:08:12	300	90	3.0	#6 AGN Monitor	2	
0063.COMP	12	06:41	14:17:59.6	+25:08:12	300	90	3.0	#6 AGN Monitor	2	
0064.SDSS1602+3807	1200	06:59	16:02:07.7	+38:07:43	300	85	3.0	#165 Quasar Br	2	
0065.SDSS1602+3807	1200	07:20	16:02:07.7	+38:07:43	300	85	3.0	#165 Quasar Br	2	
0066.SDSS1602+3807	1200	07:40	16:02:07.7	+38:07:43	300	85	3.0	#165 Quasar Br	2	
0067.COMP	12	08:01	16:02:07.7	+38:07:43	300	85	3.0	#165 Quasar Br	2	
0068.GWLib	15	08:30	15:19:55.5	-25:00:25	300	0	3.0	#148 Accretion	2	



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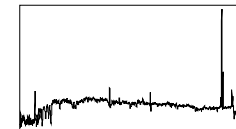
<i>File</i>	<i>Exp Time</i>	<i>UT Start</i>	<i>RA</i>	<i>Dec</i>	<i>Gr.</i>	<i>P.A.</i>	<i>Slit</i>	<i>Program</i>	<i>Bin</i>	<i>Comments</i>
0069.GWLib	15	08:31	15:19:55.5	-25:00:25	300	0	3.0	#148 Accretion	2	
0070.COMP	12	08:32	15:19:55.5	-25:00:25	300	0	3.0	#148 Accretion	2	
0072.COMP	45	09:00	15:19:55.5	-25:00:25	1200	0	1.0	#148 Accretion	4	
0073.GWLib	60	09:02	15:19:55.5	-25:00:25	1200	0	1.0	#148 Accretion	4	
0074.GWLib	60	09:03	15:19:55.5	-25:00:25	1200	0	1.0	#148 Accretion	4	
0075.GWLib	60	09:04	15:19:55.5	-25:00:25	1200	0	1.0	#148 Accretion	4	
0076.GWLib	60	09:05	15:19:55.5	-25:00:25	1200	0	1.0	#148 Accretion	4	
0077.GWLib	60	09:06	15:19:55.5	-25:00:25	1200	0	1.0	#148 Accretion	4	
0078.GWLib	60	09:08	15:19:55.5	-25:00:25	1200	0	1.0	#148 Accretion	4	
0079.GWLib	60	09:09	15:19:55.5	-25:00:25	1200	0	1.0	#148 Accretion	4	
0080.GWLib	60	09:10	15:19:55.5	-25:00:25	1200	0	1.0	#148 Accretion	4	
0081.GWLib	60	09:11	15:19:55.5	-25:00:25	1200	0	1.0	#148 Accretion	4	
0082.GWLib	60	09:12	15:19:55.5	-25:00:25	1200	0	1.0	#148 Accretion	4	
0083.COMP	45	09:14	15:19:55.5	-25:00:25	1200	0	1.0	#148 Accretion	4	
0084.GWLib	60	09:17	15:19:55.5	-25:00:25	1200	0	1.0	#148 Accretion	4	
0085.GWLib	60	09:18	15:19:55.5	-25:00:25	1200	0	1.0	#148 Accretion	4	
0086.GWLib	60	09:19	15:19:55.5	-25:00:25	1200	0	1.0	#148 Accretion	4	
0087.GWLib	60	09:20	15:19:55.5	-25:00:25	1200	0	1.0	#148 Accretion	4	
0088.GWLib	60	09:21	15:19:55.5	-25:00:25	1200	0	1.0	#148 Accretion	4	
0089.GWLib	60	09:22	15:19:55.5	-25:00:25	1200	0	1.0	#148 Accretion	4	

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<i>File</i>	<i>Exp Time</i>	<i>UT Start</i>	<i>RA</i>	<i>Dec</i>	<i>Gr.</i>	<i>P.A.</i>	<i>Slit</i>	<i>Program</i>	<i>Bin</i>	<i>Comments</i>
0090.GWLib	60	09:24	15:19:55.5	-25:00:25	1200	0	1.0	#148 Accretion	4	
0091.GWLib	60	09:25	15:19:55.5	-25:00:25	1200	0	1.0	#148 Accretion	4	
0092.GWLib	60	09:26	15:19:55.5	-25:00:25	1200	0	1.0	#148 Accretion	4	
0093.GWLib	60	09:27	15:19:55.5	-25:00:25	1200	0	1.0	#148 Accretion	4	
0094.COMP	45	09:28	15:19:55.5	-25:00:25	1200	0	1.0	#148 Accretion	4	
0095.GWLib	60	09:30	15:19:55.5	-25:00:25	1200	0	1.0	#148 Accretion	4	
0096.GWLib	60	09:31	15:19:55.5	-25:00:25	1200	0	1.0	#148 Accretion	4	
0097.GWLib	60	09:32	15:19:55.5	-25:00:25	1200	0	1.0	#148 Accretion	4	
0098.GWLib	60	09:33	15:19:55.5	-25:00:25	1200	0	1.0	#148 Accretion	4	
0099.GWLib	60	09:34	15:19:55.5	-25:00:25	1200	0	1.0	#148 Accretion	4	
0100.GWLib	60	09:36	15:19:55.5	-25:00:25	1200	0	1.0	#148 Accretion	4	
0101.GWLib	60	09:37	15:19:55.5	-25:00:25	1200	0	1.0	#148 Accretion	4	
0102.GWLib	60	09:38	15:19:55.5	-25:00:25	1200	0	1.0	#148 Accretion	4	
0103.GWLib	60	09:39	15:19:55.5	-25:00:25	1200	0	1.0	#148 Accretion	4	
0104.GWLib	60	09:40	15:19:55.5	-25:00:25	1200	0	1.0	#148 Accretion	4	
0105.COMP	45	09:43	15:19:55.5	-25:00:25	1200	0	1.0	#148 Accretion	4	
0106.GWLib	60	09:44	15:19:55.5	-25:00:25	1200	0	1.0	#148 Accretion	4	
0107.GWLib	60	09:46	15:19:55.5	-25:00:25	1200	0	1.0	#148 Accretion	4	
0108.GWLib	60	09:47	15:19:55.5	-25:00:25	1200	0	1.0	#148 Accretion	4	
0109.GWLib	60	09:48	15:19:55.5	-25:00:25	1200	0	1.0	#148 Accretion	4	

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<i>File</i>	<i>Exp Time</i>	<i>UT Start</i>	<i>RA</i>	<i>Dec</i>	<i>Gr.</i>	<i>P.A.</i>	<i>Slit</i>	<i>Program</i>	<i>Bin</i>	<i>Comments</i>
0110.GWLib	60	09:49	15:19:55.5	-25:00:25	1200	0	1.0	#148 Accretion	4	
0111.GWLib	60	09:50	15:19:55.5	-25:00:25	1200	0	1.0	#148 Accretion	4	
0112.GWLib	60	09:51	15:19:55.5	-25:00:25	1200	0	1.0	#148 Accretion	4	
0113.GWLib	60	09:52	15:19:55.5	-25:00:25	1200	0	1.0	#148 Accretion	4	
0114.GWLib	60	09:54	15:19:55.5	-25:00:25	1200	0	1.0	#148 Accretion	4	
0115.GWLib	60	09:55	15:19:55.5	-25:00:25	1200	0	1.0	#148 Accretion	4	
0116.COMP	45	09:58	15:19:55.5	-25:00:25	1200	0	1.0	#148 Accretion	4	
0117.GWLib	60	09:59	15:19:55.5	-25:00:25	1200	0	1.0	#148 Accretion	4	
0118.GWLib	60	10:00	15:19:55.5	-25:00:25	1200	0	1.0	#148 Accretion	4	
0119.GWLib	60	10:02	15:19:55.5	-25:00:25	1200	0	1.0	#148 Accretion	4	
0120.GWLib	60	10:03	15:19:55.5	-25:00:25	1200	0	1.0	#148 Accretion	4	
0121.GWLib	60	10:04	15:19:55.5	-25:00:25	1200	0	1.0	#148 Accretion	4	
0122.GWLib	60	10:05	15:19:55.5	-25:00:25	1200	0	1.0	#148 Accretion	4	
0123.GWLib	60	10:06	15:19:55.5	-25:00:25	1200	0	1.0	#148 Accretion	4	
0124.GWLib	60	10:07	15:19:55.5	-25:00:25	1200	0	1.0	#148 Accretion	4	
0125.GWLib	60	10:08	15:19:55.5	-25:00:25	1200	0	1.0	#148 Accretion	4	
0126.GWLib	60	10:10	15:19:55.5	-25:00:25	1200	0	1.0	#148 Accretion	4	
0127.COMP	45	10:13	15:19:55.5	-25:00:25	1200	0	1.0	#148 Accretion	4	
0128.GWLib	60	10:30	15:19:55.5	-25:00:25	1200	0	1.0	#148 Accretion	4	
0129.GWLib	60	10:32	15:19:55.5	-25:00:25	1200	0	1.0	#148 Accretion	4	



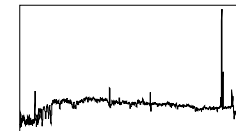
UT Date 2007-04-20 Observers W Peters

Coll. Focus 1340 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>
0130.GWLib	60	10:33	15:19:55.5	-25:00:25	1200	0	1.0	#148 Accretion	4	
0131.GWLib	60	10:34	15:19:55.5	-25:00:25	1200	0	1.0	#148 Accretion	4	
0132.GWLib	60	10:35	15:19:55.5	-25:00:25	1200	0	1.0	#148 Accretion	4	
0133.GWLib	60	10:36	15:19:55.5	-25:00:25	1200	0	1.0	#148 Accretion	4	
0134.GWLib	60	10:37	15:19:55.5	-25:00:25	1200	0	1.0	#148 Accretion	4	
0135.GWLib	60	10:38	15:19:55.5	-25:00:25	1200	0	1.0	#148 Accretion	4	
0136.GWLib	60	10:40	15:19:55.5	-25:00:25	1200	0	1.0	#148 Accretion	4	
0137.GWLib	60	10:41	15:19:55.5	-25:00:25	1200	0	1.0	#148 Accretion	4	
0138.COMP	45	10:44	15:19:55.5	-25:00:25	1200	0	1.0	#148 Accretion	4	
0139.GWLib	60	10:50	15:19:55.5	-25:00:25	1200	0	1.0	#148 Accretion	4	
0140.GWLib	60	10:52	15:19:55.5	-25:00:25	1200	0	1.0	#148 Accretion	4	
0141.GWLib	60	10:53	15:19:55.5	-25:00:25	1200	0	1.0	#148 Accretion	4	
0142.GWLib	60	10:54	15:19:55.5	-25:00:25	1200	0	1.0	#148 Accretion	4	
0143.GWLib	60	10:55	15:19:55.5	-25:00:25	1200	0	1.0	#148 Accretion	4	
0144.GWLib	60	10:56	15:19:55.5	-25:00:25	1200	0	1.0	#148 Accretion	4	
0145.GWLib	60	10:57	15:19:55.5	-25:00:25	1200	0	1.0	#148 Accretion	4	
0146.GWLib	60	10:58	15:19:55.5	-25:00:25	1200	0	1.0	#148 Accretion	4	
0147.GWLib	60	11:00	15:19:55.5	-25:00:25	1200	0	1.0	#148 Accretion	4	
0148.GWLib	60	11:01	15:19:55.5	-25:00:25	1200	0	1.0	#148 Accretion	4	
0149.COMP	45	11:03	15:19:55.5	-25:00:25	1200	0	1.0	#148 Accretion	4	

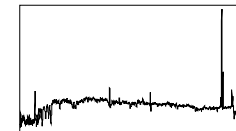
UT Date 2007-04-20 Observers W PetersColl. Focus 1340 Grating/Grism 300

<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>
0150.BDp332642	60	11:11	15:52:00.0	+32:56:54	1200	0	1.0	#56 Spectropho	4	
0151.BDp332642	60	11:12	15:52:00.0	+32:56:54	1200	0	1.0	#56 Spectropho	4	
0152.BDp332642	60	11:13	15:52:00.0	+32:56:54	1200	0	1.0	#56 Spectropho	4	
0153.COMP	45	11:15	15:52:00.0	+32:56:54	1200	0	1.0	#56 Spectropho	4	
0154-0158.FLAT	90	11:28	15:52:00.0	+32:56:54	1200	0	1.0	#148 Accretion	4	
0160.COMP	12	11:46	15:52:00.0	+32:56:54	300	90	3.0	#148 Accretion	2	adjusting after change
0161.COMP	12	11:49	15:52:00.0	+32:56:54	300	90	3.0	#148 Accretion	2	
0162.COMP	12	11:52	15:52:00.0	+32:56:54	300	90	3.0	#148 Accretion	2	
0163.COMP	12	11:54	15:52:00.0	+32:56:54	300	90	3.0	#148 Accretion	2	
0164.AGDra	2	11:58	16:01:41.0	+66:48:10	300	90	3.0	#12 Symbiotic	2	
0165.AGDra	15	11:58	16:01:41.0	+66:48:10	300	90	3.0	#12 Symbiotic	2	
0166.AGDra	45	11:59	16:01:41.0	+66:48:10	300	90	3.0	#12 Symbiotic	2	
0167.COMP	12	12:01	16:01:41.0	+66:48:10	300	90	3.0	#12 Symbiotic	2	
0168.CHCyg	1	12:03	19:24:33.0	+50:14:30	300	90	3.0	#12 Symbiotic	2	
0169.CHCyg	5	12:04	19:24:33.0	+50:14:30	300	90	3.0	#12 Symbiotic	2	
0170.CHCyg	30	12:04	19:24:33.0	+50:14:30	300	90	3.0	#12 Symbiotic	2	
0171.COMP	12	12:07	19:24:33.0	+50:14:30	300	90	3.0	#12 Symbiotic	2	
0172-0181.BIAS	0	12:27	19:24:33.0	+50:14:30	300	90	3.0	#148 Accretion	2	
0182-0196.FLAT	25	12:36	19:24:33.0	+50:14:30	300	90	3.0	#148 Accretion	2	
0197-0201.DARK	900	13:52	19:24:33.0	+50:14:30	300	90	3.0	#148 Accretion	4	

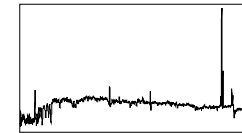
UT Date 2007-04-20 Observers W PetersColl. Focus 1340 Grating/Grism 300

<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>
0202-0206.DARK	900	15:09	19:24:33.0	+50:14:30	300	90	3.0	#148 Accretion	2	



UT Date 2007-04-21 Observers W PetersColl. Focus 1340 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001-0005.DARK	900	01:12	19:24:33.0	+50:14:30	300	90	3.0	#148 Accretion	4	
0006-0010.DARK	900	02:28	19:24:33.0	+50:14:30	300	90	3.0	#148 Accretion	2	
0011-0030.BIAS	0	02:54	19:24:33.0	+50:14:30	300	90	3.0	#148 Accretion	2	
0031-0045.FLAT	25	03:03	19:24:33.0	+50:14:30	300	90	3.0	#148 Accretion	2	
0046.HIP71075	1	07:58	14:32:04.8	+38:18:28	300	90	3.0	#57 Velocity S	2	Testing telescope position - Good. Cloudy.
0047.HIP71075	1	07:59	14:32:04.8	+38:18:28	300	90	3.0	#57 Velocity S	2	Testing telescope position - Good. Cloudy.
0048.COMP	12	08:01	14:32:04.8	+38:18:28	300	90	3.0	#57 Velocity S	2	Testing 7384 A line position - Deviated. Cloudy.
0049.COMP	12	08:09	14:32:04.8	+38:18:28	300	90	3.0	#57 Velocity S	2	Correcting 7384 A line position - Deviated. Cloudy.
0050.COMP	12	08:15	14:32:04.8	+38:18:28	300	90	3.0	#57 Velocity S	2	Correcting 7384 A line position - Good (2659.82). Cloudy.
0051.HIP71075	1	08:19	14:32:04.8	+38:18:28	300	90	3.0	#57 Velocity S	2	
0052.COMP	12	08:20	14:32:04.8	+38:18:28	300	90	3.0	#57 Velocity S	2	
0053.COMP	12	08:29	14:32:04.8	+38:18:28	300	90	3.0	#57 Velocity S	2	
0054.HIP71075	10	08:49	15:24:35.0	+19:48:13	300	90	3.0	#57 Velocity S	2	Testing seeing - Bad conditions. Cloudy.
0055.HIP71075	30	08:51	15:24:35.0	+19:48:13	300	90	3.0	#57 Velocity S	2	Testing seeing - Bad conditions. Cloudy.
0056.HIP71075	30	08:54	15:24:35.0	+19:48:13	300	90	3.0	#57 Velocity S	2	Testing seeing - Bad conditions. Cloudy.
0057-0066.BIAS	0	11:54	15:56:42.2	+31:31:27	300	90	3.0	#148 Accretion	2	
0067-0081.FLAT	25	12:03	15:56:42.2	+31:31:27	300	90	3.0	#148 Accretion	2	
0082-0086.DARK	900	13:52	15:56:42.2	+31:31:27	300	90	3.0	#148 Accretion	2	

UT Date 2007-04-22 Observers J. J. DownesColl. Focus 1340 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001.BIAS	0	00:38	07:08:34.4	+31:30:24	300	90	3.0	#2 SN Observat	1	
0002-0012.BIAS	0	00:50	07:17:57.0	+31:30:30	300	90	3.0	#2 SN Observat	2	
0013-0027.FLAT	25	00:59	07:17:57.0	+31:30:30	300	90	3.0	#2 SN Observat	2	
0028-0030.DARK	900	01:33	07:17:57.0	+31:30:30	300	90	3.0	#2 SN Observat	2	
0030.DARKq.ms	900	01:33	07:17:57.0	+31:30:30	300	90	3.0	#2 SN Observat	1	
0031-0032.DARK	900	02:03	07:17:57.0	+31:30:30	300	90	3.0	#2 SN Observat	2	
0033.HD84937	15	02:59	09:48:54.9	+13:45:14	300	70	3.0	#56 Spectropho	2	
0034.HD84937	15	03:01	09:48:54.9	+13:45:14	300	70	3.0	#56 Spectropho	2	
0035.HD84937	15	03:02	09:48:54.9	+13:45:14	300	70	3.0	#56 Spectropho	2	
0036.COMP	12	03:08	09:48:54.9	+13:45:14	300	70	3.0	#56 Spectropho	2	
0037.COMP	12	03:09	09:48:54.9	+13:45:14	300	70	3.0	#56 Spectropho	2	
0038.Feige34	150	03:12	10:39:36.9	+43:06:11	300	70	3.0	#56 Spectropho	2	Noisy
0039.Feige34	150	03:15	10:39:36.9	+43:06:11	300	70	3.0	#56 Spectropho	2	Noisy
0040.COMP	12	03:19	10:39:36.9	+43:06:11	300	70	3.0	#56 Spectropho	2	
0041.Feige34	180	03:24	10:39:36.9	+43:06:11	300	70	3.0	#56 Spectropho	2	
0042.Feige34	240	03:28	10:39:36.9	+43:06:11	300	70	3.0	#56 Spectropho	2	
0043.Feige34	240	03:35	10:39:36.9	+43:06:11	300	70	3.0	#56 Spectropho	2	
0044.COMP	12	03:41	10:39:36.9	+43:06:11	300	70	3.0	#56 Spectropho	2	
0045.N3377	180	03:49	10:45:02.6	+14:14:51	300	70	3.0	#57 Velocity S	2	
0046.COMP	12	03:53	10:45:02.6	+14:14:51	300	70	3.0	#57 Velocity S	2	

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<i>File</i>	<i>Exp Time</i>	<i>UT Start</i>	<i>RA</i>	<i>Dec</i>	<i>Gr.</i>	<i>P.A.</i>	<i>Slit</i>	<i>Program</i>	<i>Bin</i>	<i>Comments</i>
0047.COMP	12	03:54	10:45:02.6	+14:14:51	300	70	3.0	#57 Velocity S	2	
0048.sn2007bc	1500	04:09	11:19:14.6	+20:48:33	300	0	3.0	#2 SN Observat	2	SN2007bc spectra
0049.COMP	12	04:37	11:19:14.6	+20:48:33	300	0	3.0	#2 SN Observat	2	
0050.XS03570B2.001	1800	05:36	12:11:26.0	+09:56:28	300	70	3.0	#129 CHAMP Sou	2	Too faint. Noisy
0051.COMP	12	06:15	12:11:26.0	+09:56:28	300	70	3.0	#129 CHAMP Sou	2	
0052.COMP	12	06:16	12:11:26.0	+09:56:28	300	70	3.0	#129 CHAMP Sou	2	
0053.N4051	150	06:19	12:03:09.7	+44:31:53	300	70	3.0	#6 AGN Monitor	2	
0054.N4051	150	06:21	12:03:09.7	+44:31:53	300	70	3.0	#6 AGN Monitor	2	
0055.COMP	12	06:24	12:03:09.7	+44:31:53	300	70	3.0	#6 AGN Monitor	2	
0056.N5548	150	06:26	14:17:59.6	+25:08:12	300	70	3.0	#6 AGN Monitor	2	
0057.N5548	150	06:29	14:17:59.6	+25:08:12	300	70	3.0	#6 AGN Monitor	2	
0058.N5548	150	06:32	14:17:59.6	+25:08:12	300	70	3.0	#6 AGN Monitor	2	
0059.COMP	12	06:36	14:17:59.6	+25:08:12	300	70	3.0	#6 AGN Monitor	2	
0060.N4151	30	06:39	12:10:32.6	+39:24:21	300	70	3.0	#6 AGN Monitor	2	
0061.N4151	30	06:40	12:10:32.6	+39:24:21	300	70	3.0	#6 AGN Monitor	2	
0062.COMP	12	06:43	12:10:32.6	+39:24:21	300	70	3.0	#6 AGN Monitor	2	
0063.COMP	12	06:44	12:10:32.6	+39:24:21	300	70	3.0	#6 AGN Monitor	2	
0064.13480023-1453209	900	07:13	13:48:00.2	-14:53:21	300	70	3.0	#141 Mapping t	2	
0065.COMP	12	07:39	13:48:00.2	-14:53:21	300	70	3.0	#141 Mapping t	2	
0066.COMP	12	07:41	13:48:00.2	-14:53:21	300	70	3.0	#141 Mapping t	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0067.RWHya	2	07:44	13:34:18.0	-25:22:51	300	70	3.0	#12 Symbiotic	2	Noise
0068.RWHya	10	07:44	13:34:18.0	-25:22:51	300	70	3.0	#12 Symbiotic	2	Noise
0069.RWHya	20	07:45	13:34:18.0	-25:22:51	300	70	3.0	#12 Symbiotic	2	Noise
0070.COMP	12	07:46	13:34:18.0	-25:22:51	300	70	3.0	#12 Symbiotic	2	
0071.fmb197	900	07:57	14:53:45.0	+18:27:59	300	70	3.0	#171f Local Un	2	
0072.COMP	12	08:13	14:53:45.0	+18:27:59	300	70	3.0	#171f Local Un	2	
0073.fmb200	1100	08:26	14:53:48.7	+18:28:22	300	80	3.0	#171f Local Un	2	
0074.COMP	12	08:45	14:53:48.7	+18:28:22	300	80	3.0	#171f Local Un	2	
0075.sn2007bk	1200	08:57	15:28:45.6	+58:52:13	300	80	3.0	#2 SN Observat	2	Low SNR
0076.COMP	12	09:19	15:28:45.6	+58:52:13	300	80	3.0	#2 SN Observat	2	
0077.COMP	12	09:20	15:28:45.6	+58:52:13	300	80	3.0	#2 SN Observat	2	
0078.sn2007bj	1200	09:27	16:22:10.6	-01:30:51	300	80	3.0	#2 SN Observat	2	
0079.COMP	12	09:51	16:22:10.6	-01:30:51	300	80	3.0	#2 SN Observat	2	Problems with the dome
0080.17031807-1311264	900	10:45	17:03:18.1	-13:11:26	300	80	3.0	#141 Mapping t	2	
0081.COMP	12	11:02	17:03:18.1	-13:11:26	300	80	3.0	#141 Mapping t	2	
0082.17400312-1120070	900	11:17	17:40:03.1	-11:20:07	300	100	3.0	#141 Mapping t	2	
0083.COMP	12	11:33	17:40:03.1	-11:20:07	300	100	3.0	#141 Mapping t	2	
0084.COMP	12	11:34	17:40:03.1	-11:20:07	300	100	3.0	#141 Mapping t	2	
0085-0094.BIAS	0	12:10	18:39:01.7	+13:24:18	300	100	3.0	#2 SN Observat	2	
0095-0109.FLAT	25	12:19	18:39:01.7	+13:24:18	300	100	3.0	#2 SN Observat	2	



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Coll. Focus 1340 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>
0110-0114.DARK	900	13:24	18:39:01.7	+13:24:18	300	100	3.0	#2 SN Observat	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001.DARK	900	21:02	18:39:01.7	+13:24:18	300	100	3.0	#2 SN Observat	4 bin4	
0002-0005.DARK	900	22:04	18:39:01.7	+13:24:18	300	100	3.0	#2 SN Observat	4	
0006.DARK	900	22:19	18:39:01.7	+13:24:18	300	100	3.0	#2 SN Observat	2 bin2	
0007-0010.DARK	900	23:20	18:39:01.7	+13:24:18	300	100	3.0	#2 SN Observat	2	
0011.BIAS	0	23:36	18:39:01.7	+13:24:18	300	100	3.0	#2 SN Observat	2 bin2	
0012-0020.BIAS	0	23:37	18:39:01.7	+13:24:18	300	100	3.0	#2 SN Observat	2	
0021-0035.FLAT	25	23:47	18:39:01.7	+13:24:18	300	100	3.0	#2 SN Observat	2	
0036.BIAS	0	23:49	18:39:01.7	+13:24:18	300	100	3.0	#2 SN Observat	4 bin4	
0037-0045.BIAS	0	23:50	18:39:01.7	+13:24:18	300	100	3.0	#2 SN Observat	4	
0046-0060.FLAT	12	23:55	18:39:01.7	+13:24:18	300	100	3.0	#2 SN Observat	4	
0061.COMP	12	00:07	18:39:01.7	+13:24:18	300	100	3.0	#2 SN Observat	4 bin2.	Testing line (pix=2660.07)
0062.HD84937	15	03:44	09:48:54.9	+13:45:14	300	100	3.0	#56 Spectropho	2	Some clouds
0063.HD84937	15	03:46	09:48:54.9	+13:45:14	300	100	3.0	#56 Spectropho	2	
0064.HD84937	15	03:47	09:48:54.9	+13:45:14	300	100	3.0	#56 Spectropho	2	
0065.COMP	12	03:48	09:48:54.9	+13:45:14	300	100	3.0	#56 Spectropho	2	
0066.Feige34	240	03:51	10:39:36.9	+43:06:11	300	100	3.0	#56 Spectropho	2	Some clouds
0067.Feige34	240	03:55	10:39:36.9	+43:06:11	300	100	3.0	#56 Spectropho	2	
0068.Feige34	240	03:59	10:39:36.9	+43:06:11	300	100	3.0	#56 Spectropho	2	
0069.COMP	12	04:07	10:39:36.9	+43:06:11	300	100	3.0	#56 Spectropho	2	
0070.N3377	180	04:10	10:45:02.6	+14:14:51	300	100	3.0	#57 Velocity S	2	Some clouds

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0071.COMP	12	04:16	10:45:02.6	+14:14:51	300	100	3.0	#57 Velocity S	2	
0072.sn2007bc	1500	04:38	11:19:14.6	+20:48:33	300	0	3.0	#2 SN Observat	2	
0073.COMP	12	05:09	11:19:14.6	+20:48:33	300	0	3.0	#2 SN Observat	2	
0074.sn2007bm	1200	05:16	11:25:02.3	-09:47:54	300	0	3.0	#2 SN Observat	2	
0075.COMP	12	05:38	11:25:02.3	-09:47:54	300	0	3.0	#2 SN Observat	2	
0076.13480023-1453209	1200	05:52	13:48:00.2	-14:53:21	300	70	3.0	#141 Mapping t	2	Faint. Low SNR
0077.COMP	12	06:16	13:48:00.2	-14:53:21	300	70	3.0	#141 Mapping t	2	
0078.cirs2fastb026	900	06:21	13:09:00.9	+39:11:20	300	80	3.0	#172 SDSS Clus	2	
0079.COMP	12	06:39	13:09:00.9	+39:11:20	300	80	3.0	#172 SDSS Clus	2	
0080.cirs2fastb029	1200	06:49	13:10:14.9	+38:36:30	300	20	3.0	#172 SDSS Clus	2	
0081.COMP	12	07:10	13:10:14.9	+38:36:30	300	20	3.0	#172 SDSS Clus	2	
0082.sn2007af	1500	07:26	14:22:21.0	-00:23:38	300	90	3.0	#2 SN Observat	2	
0083.COMP	12	07:58	14:22:21.0	-00:23:38	300	90	3.0	#2 SN Observat	2	
0084.COMP	20	08:24	15:19:55.5	-25:00:25	300	90	3.0	#148 Accretion	4	bin4 1200 greating 1.5 slit
0085.GWLib	120	08:26	15:19:55.5	-25:00:25	1200	90	1.0	#148 Accretion	4	
0086.GWLib	120	08:32	15:19:55.5	-25:00:25	1200	90	1.0	#148 Accretion	4	
0087.GWLib	120	08:34	15:19:55.5	-25:00:25	1200	90	1.0	#148 Accretion	4	
0088.GWLib	120	08:36	15:19:55.5	-25:00:25	1200	90	1.0	#148 Accretion	4	
0089.GWLib	120	08:38	15:19:55.5	-25:00:25	1200	90	1.0	#148 Accretion	4	
0090.COMP	20	08:41	15:19:55.5	-25:00:25	1200	90	1.0	#148 Accretion	4	

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<i>File</i>	<i>Exp Time</i>	<i>UT Start</i>	<i>RA</i>	<i>Dec</i>	<i>Gr.</i>	<i>P.A.</i>	<i>Slit</i>	<i>Program</i>	<i>Bin</i>	<i>Comments</i>
0091.GWLib	120	08:43	15:19:55.5	-25:00:25	1200	90	1.0	#148 Accretion	4	
0092.GWLib	120	08:45	15:19:55.5	-25:00:25	1200	90	1.0	#148 Accretion	4	
0093.GWLib	120	08:47	15:19:55.5	-25:00:25	1200	90	1.0	#148 Accretion	4	
0094.GWLib	120	08:49	15:19:55.5	-25:00:25	1200	90	1.0	#148 Accretion	4	
0095.GWLib	120	08:52	15:19:55.5	-25:00:25	1200	90	1.0	#148 Accretion	4	
0096.COMP	20	08:55	15:19:55.5	-25:00:25	1200	90	1.0	#148 Accretion	4	
0097.GWLib	120	08:56	15:19:55.5	-25:00:25	1200	90	1.0	#148 Accretion	4	
0098.GWLib	120	08:58	15:19:55.5	-25:00:25	1200	90	1.0	#148 Accretion	4	
0099.GWLib	120	09:01	15:19:55.5	-25:00:25	1200	90	1.0	#148 Accretion	4	
0100.GWLib	120	09:03	15:19:55.5	-25:00:25	1200	90	1.0	#148 Accretion	4	
0101.GWLib	120	09:05	15:19:55.5	-25:00:25	1200	90	1.0	#148 Accretion	4	
0102.COMP	20	09:08	15:19:55.5	-25:00:25	1200	90	1.0	#148 Accretion	4	
0103.GWLib	120	09:10	15:19:55.5	-25:00:25	1200	90	1.0	#148 Accretion	4	
0104.GWLib	120	09:12	15:19:55.5	-25:00:25	1200	90	1.0	#148 Accretion	4	
0105.GWLib	120	09:14	15:19:55.5	-25:00:25	1200	90	1.0	#148 Accretion	4	
0106.GWLib	120	09:16	15:19:55.5	-25:00:25	1200	90	1.0	#148 Accretion	4	
0107.GWLib	120	09:18	15:19:55.5	-25:00:25	1200	90	1.0	#148 Accretion	4	
0108.COMP	20	09:21	15:19:55.5	-25:00:25	1200	90	1.0	#148 Accretion	4	
0109.GWLib	120	09:23	15:19:55.5	-25:00:25	1200	90	1.0	#148 Accretion	4	
0110.GWLib	120	09:25	15:19:55.5	-25:00:25	1200	90	1.0	#148 Accretion	4	



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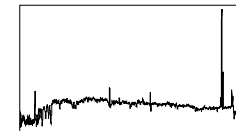
<i>File</i>	<i>Exp Time</i>	<i>UT Start</i>	<i>RA</i>	<i>Dec</i>	<i>Gr.</i>	<i>P.A.</i>	<i>Slit</i>	<i>Program</i>	<i>Bin</i>	<i>Comments</i>
0111.GWLib	120	09:27	15:19:55.5	-25:00:25	1200	90	1.0	#148 Accretion	4	
0112.GWLib	120	09:29	15:19:55.5	-25:00:25	1200	90	1.0	#148 Accretion	4	
0113.GWLib	120	09:31	15:19:55.5	-25:00:25	1200	90	1.0	#148 Accretion	4	
0114.COMP	20	09:41	15:19:55.5	-25:00:25	1200	90	1.0	#148 Accretion	4	
0115.GWLib	120	09:47	15:19:55.5	-25:00:25	1200	90	1.0	#148 Accretion	4	
0116.GWLib	120	09:49	15:19:55.5	-25:00:25	1200	90	1.0	#148 Accretion	4	
0117.GWLib	120	09:51	15:19:55.5	-25:00:25	1200	90	1.0	#148 Accretion	4	
0118.GWLib	120	09:53	15:19:55.5	-25:00:25	1200	90	1.0	#148 Accretion	4	
0119.GWLib	120	09:55	15:19:55.5	-25:00:25	1200	90	1.0	#148 Accretion	4	
0120.COMP	20	09:58	15:19:55.5	-25:00:25	1200	90	1.0	#148 Accretion	4	
0121.GWLib	120	09:58	15:19:55.5	-25:00:25	1200	90	1.0	#148 Accretion	4	
0122.GWLib	120	10:01	15:19:55.5	-25:00:25	1200	90	1.0	#148 Accretion	4	
0123.GWLib	120	10:03	15:19:55.5	-25:00:25	1200	90	1.0	#148 Accretion	4	
0124.GWLib	120	10:05	15:19:55.5	-25:00:25	1200	90	1.0	#148 Accretion	4	
0125.GWLib	120	10:07	15:19:55.5	-25:00:25	1200	90	1.0	#148 Accretion	4	
0126.COMP	20	10:09	15:19:55.5	-25:00:25	1200	90	1.0	#148 Accretion	4	
0127.GWLib	120	10:15	15:19:55.5	-25:00:25	1200	90	1.0	#148 Accretion	4	
0128.GWLib	120	10:17	15:19:55.5	-25:00:25	1200	90	1.0	#148 Accretion	4	
0129.GWLib	120	10:19	15:19:55.5	-25:00:25	1200	90	1.0	#148 Accretion	4	
0130.GWLib	120	10:22	15:19:55.5	-25:00:25	1200	90	1.0	#148 Accretion	4	

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<i>File</i>	<i>Exp Time</i>	<i>UT Start</i>	<i>RA</i>	<i>Dec</i>	<i>Gr.</i>	<i>P.A.</i>	<i>Slit</i>	<i>Program</i>	<i>Bin</i>	<i>Comments</i>
0131.GWLib	120	10:24	15:19:55.5	-25:00:25	1200	90	1.0	#148 Accretion	4	
0132.COMP	20	10:26	15:19:55.5	-25:00:25	1200	90	1.0	#148 Accretion	4	
0133.GWLib	120	10:27	15:19:55.5	-25:00:25	1200	90	1.0	#148 Accretion	4	
0134.GWLib	120	10:29	15:19:55.5	-25:00:25	1200	90	1.0	#148 Accretion	4	
0135.GWLib	120	10:31	15:19:55.5	-25:00:25	1200	90	1.0	#148 Accretion	4	
0136.GWLib	120	10:33	15:19:55.5	-25:00:25	1200	90	1.0	#148 Accretion	4	
0137.GWLib	120	10:35	15:19:55.5	-25:00:25	1200	90	1.0	#148 Accretion	4	
0138.COMP	20	10:38	15:19:55.5	-25:00:25	1200	90	1.0	#148 Accretion	4	
0139-0148.BIAS	0	10:41	15:19:55.5	-25:00:25	1200	90	1.0	#148 Accretion	4	
0149-0163.FLAT	12	10:46	15:19:55.5	-25:00:25	1200	90	1.0	#148 Accretion	4	
0164.COMP	12	10:55	15:19:55.5	-25:00:25	300	90	3.0	#148 Accretion	2	
0165.COMP	12	10:58	15:19:55.5	-25:00:25	300	90	3.0	#148 Accretion	2	
0166.COMP	12	11:01	15:19:55.5	-25:00:25	300	90	3.0	#148 Accretion	2	
0167.COMP	12	11:04	15:19:55.5	-25:00:25	300	90	3.0	#148 Accretion	2	bin2. Testing line (pix=2660.18) 300 grating 3 slit
0168.fmfa482	900	11:31	17:38:41.8	+35:13:34	300	90	3.0	#171 Local Uni	2	
0169.COMP	12	11:46	17:38:41.8	+35:13:34	300	90	3.0	#171 Local Uni	2	
0170.fmfa483	900	11:48	17:38:53.9	+35:15:22	300	90	3.0	#171 Local Uni	2	Sun light. Useless data.

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001.BIAS	0	23:09	17:38:53.9	+35:15:22	300	90	3.0	#148 Accretion	2	bin2
0002-0010.BIAS	0	23:10	17:38:53.9	+35:15:22	300	90	3.0	#148 Accretion	2	
0011.FLAT	25	23:11	17:38:53.9	+35:15:22	300	90	3.0	#148 Accretion	2	bin2 300-line greating 3 slit
0012-0025.FLAT	25	23:20	17:38:53.9	+35:15:22	300	90	3.0	#148 Accretion	2	
0026.DARK	900	23:32	17:38:53.9	+35:15:22	300	90	3.0	#148 Accretion	2	bin2
0027-0028.DARK	900	00:03	17:38:53.9	+35:15:22	300	90	3.0	#148 Accretion	2	
0029.BIAS	0	00:18	17:38:53.9	+35:15:22	300	90	3.0	#148 Accretion	4	bin4
0030-0038.BIAS	0	00:20	17:38:53.9	+35:15:22	300	90	3.0	#148 Accretion	4	
0039.FLAT	12	00:20	17:38:53.9	+35:15:22	300	90	3.0	#148 Accretion	4	bin4 300 line greating 3 slit
0040-0053.FLAT	12	00:25	17:38:53.9	+35:15:22	300	90	3.0	#148 Accretion	4	
0054.DARK	900	00:32	17:38:53.9	+35:15:22	300	90	3.0	#148 Accretion	4	bin4
0055-0058.DARK	900	01:33	17:38:53.9	+35:15:22	300	90	3.0	#148 Accretion	4	
0059-0062.DARK	900	02:34	17:38:53.9	+35:15:22	300	90	3.0	#148 Accretion	2	
0063.DARK	900	02:50	17:38:53.9	+35:15:22	300	90	3.0	#148 Accretion	2	Cloudy at the begining of the night
0064.COMP	12	03:27	10:22:19.8	+41:29:58	300	90	3.0	#57 Velocity S	2	bin2. 300 line greating. 3 slit. Testing lines position
0065.COMP	12	03:30	10:22:19.8	+41:29:58	300	90	3.0	#57 Velocity S	2	
0066.COMP	12	03:32	10:22:19.8	+41:29:58	300	90	3.0	#57 Velocity S	2	
0067.HD84937	20	03:41	09:48:54.9	+13:45:14	300	0	3.0	#56 Spectropho	2	
0068.HD84937	20	03:42	09:48:54.9	+13:45:14	300	0	3.0	#56 Spectropho	2	
0069.HD84937	20	03:42	09:48:54.9	+13:45:14	300	0	3.0	#56 Spectropho	2	

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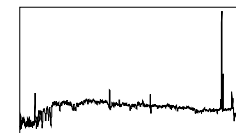
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0070.COMP	12	03:47	09:48:54.9	+13:45:14	300	0	3.0	#56 Spectropho	2	
0071.Feige34	300	03:51	10:39:36.9	+43:06:11	300	0	3.0	#56 Spectropho	2	
0072.Feige34	300	03:56	10:39:36.9	+43:06:11	300	0	3.0	#56 Spectropho	2	
0073.COMP	12	04:02	10:39:36.9	+43:06:11	300	0	3.0	#56 Spectropho	2	
0074.N3377	180	04:06	10:45:02.6	+14:14:51	300	0	3.0	#57 Velocity S	2	
0075.COMP	12	04:10	10:45:02.6	+14:14:51	300	0	3.0	#57 Velocity S	2	
0076.MRK421	300	04:15	11:04:27.4	+38:12:32	300	0	3.0	#6 AGN Monitor	2	
0077.MRK421	300	04:20	11:04:27.4	+38:12:32	300	0	3.0	#6 AGN Monitor	2	
0078.COMP	12	04:25	11:04:27.4	+38:12:32	300	0	3.0	#6 AGN Monitor	2	
0079.sn2007bm	1200	04:32	11:25:02.3	-09:47:54	300	0	3.0	#2 SN Observat	2	
0080.COMP	12	04:56	11:25:02.3	-09:47:54	300	0	3.0	#2 SN Observat	2	
0081.sn2007bc	1500	05:15	11:19:14.6	+20:48:33	300	40	3.0	#2 SN Observat	2	
0082.COMP	12	05:41	11:19:14.6	+20:48:33	300	40	3.0	#2 SN Observat	2	
0083.cirs2fastb027	900	05:47	13:09:04.0	+39:11:28	300	20	3.0	#172 SDSS Clus	2	
0084.COMP	12	06:02	13:09:04.0	+39:11:28	300	20	3.0	#172 SDSS Clus	2	
0085.SNF20070422_001	1500	06:14	12:56:53.8	+22:22:22	300	0	3.0	#2 SN Observat	2	
0086.COMP	12	06:41	12:56:53.8	+22:22:22	300	0	3.0	#2 SN Observat	2	
0087.COMP	5	06:50	12:56:53.8	+22:22:22	300	0	3.0	#2 SN Observat	4	bin4. 600 line greating. 2 slit. Focus 1370. Testing lines posi
0088.COMP	5	06:54	12:56:53.8	+22:22:22	300	0	3.0	#2 SN Observat	4	
0089.COMP	5	06:57	12:56:53.8	+22:22:22	600	0	2.0	#166 HVS	4	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0090.COMP	5	06:58	12:56:53.8	+22:22:22	600	0	2.0	#166 HVS	4	
0091.COMP	5	07:00	12:56:53.8	+22:22:22	600	0	2.0	#166 HVS	4	
0092.COMP	5	07:01	12:56:53.8	+22:22:22	600	0	2.0	#166 HVS	4	
0093.COMP	5	07:03	12:56:53.8	+22:22:22	600	0	2.0	#166 HVS	4	
0094.BDp332642	30	07:11	15:52:00.0	+32:56:54	600	90	2.0	#56 Spectropho	4	
0095.BDp332642	90	07:13	15:52:00.0	+32:56:54	600	90	2.0	#56 Spectropho	4	
0096.COMP	5	07:15	15:52:00.0	+32:56:54	600	90	2.0	#166 Hyper Vel	4	
0097.bcand303	1140	07:24	14:14:58.7	+15:46:22	600	90	2.0	#166 Hyper Vel	4	
0098.COMP	5	07:43	14:14:58.7	+15:46:22	600	90	2.0	#166 Hyper Vel	4	
0099.bcand306	1440	07:49	14:20:49.0	+16:13:08	600	90	2.0	#166 Hyper Vel	4	
0100.COMP	5	08:15	14:20:49.0	+16:13:08	600	90	2.0	#166 Hyper Vel	4	
0101.bcand319	1380	08:19	14:54:57.6	+19:38:55	600	90	2.0	#166 Hyper Vel	4	
0102.COMP	5	08:44	14:54:57.6	+19:38:55	600	90	2.0	#166 Hyper Vel	4	
0103.bcand320	1380	08:46	14:59:25.5	+12:52:21	600	90	2.0	#166 Hyper Vel	4	
0104.COMP	5	09:09	14:59:25.5	+12:52:21	600	90	2.0	#166 Hyper Vel	4	
0105.BIAS	0	09:10	14:59:25.5	+12:52:21	600	90	2.0	#166 Hyper Vel	4	bin4.
0106-0114.BIAS	0	09:11	14:59:25.5	+12:52:21	600	90	2.0	#166 Hyper Vel	4	
0115.FLAT	12	09:11	14:59:25.5	+12:52:21	600	90	2.0	#166 Hyper Vel	4	bin4.
0116-0129.FLAT	12	09:16	14:59:25.5	+12:52:21	600	90	2.0	#166 Hyper Vel	4	
0130.COMP	12	09:22	14:59:25.5	+12:52:21	600	90	2.0	#166 Hyper Vel	4	bin2. 300 line grating.3 slit. Testing lines position

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0131.COMP	12	09:24	14:59:25.5	+12:52:21	600	90	2.0	#166 Hyper Vel	4	
0132.COMP	12	09:26	14:59:25.5	+12:52:21	600	90	2.0	#166 Hyper Vel	4	
0133.sn2007bj	1200	09:36	16:22:10.6	-01:30:51	300	20	3.0	#2 SN Observat	2	bin2.
0134.COMP	12	10:00	16:22:10.6	-01:30:51	300	20	3.0	#2 SN Observat	2	
0135.AGDra	2	10:04	16:01:41.0	+66:48:10	300	90	3.0	#12 Symbiotic	2	
0136.AGDra	15	10:05	16:01:41.0	+66:48:10	300	90	3.0	#12 Symbiotic	2	
0137.AGDra	45	10:06	16:01:41.0	+66:48:10	300	90	3.0	#12 Symbiotic	2	
0138.COMP	12	10:07	16:01:41.0	+66:48:10	300	90	3.0	#12 Symbiotic	2	
0139.17164907-1457320	900	10:19	17:16:49.1	-14:57:32	300	100	3.0	#141 Mapping t	2	
0140.COMP	12	10:34	17:16:49.1	-14:57:32	300	100	3.0	#141 Mapping t	2	
0141.17320839-1539512	900	10:42	17:32:08.4	-15:39:51	300	110	3.0	#141 Mapping t	2	
0142.COMP	12	10:58	17:32:08.4	-15:39:51	300	110	3.0	#141 Mapping t	2	
0143.17380812+2242168	900	11:08	17:38:08.1	+22:42:17	300	110	3.0	#141 Mapping t	2	
0144.COMP	12	11:26	17:38:08.1	+22:42:17	300	110	3.0	#141 Mapping t	2	
0145.fmfa478	900	11:31	17:38:12.7	+35:15:33	300	90	3.0	#171 Local Uni	2	
0146.COMP	12	11:47	17:38:12.7	+35:15:33	300	90	3.0	#171 Local Uni	2	
0147.fmfa487	600	11:52	17:41:56.7	+36:04:57	300	90	3.0	#171 Local Uni	2	
0148.COMP	12	12:03	17:41:56.7	+36:04:57	300	90	3.0	#171 Local Uni	2	
0149-0158.BIAS	0	12:19	17:41:56.7	+36:04:57	300	90	3.0	#141 Mapping t	2	
0159-0173.FLAT	25	12:28	17:41:56.7	+36:04:57	300	90	3.0	#141 Mapping t	2	

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<i>File</i>	<i>Exp Time</i>	<i>UT Start</i>	<i>RA</i>	<i>Dec</i>	<i>Gr.</i>	<i>P.A.</i>	<i>Slit</i>	<i>Program</i>	<i>Bin</i>	<i>Comments</i>
0174-0178.DARK	900	13:31	17:41:56.7	+36:04:57	300	90	3.0	#141 Mapping t	4	
0179-0183.DARK	900	14:48	17:41:56.7	+36:04:57	300	90	3.0	#141 Mapping t	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001.BIAS	0	23:42	17:41:56.7	+36:04:57	300	90	3.0	#141 Mapping t	2	bin2
0002-0010.BIAS	0	23:44	17:41:56.7	+36:04:57	300	90	3.0	#141 Mapping t	2	
0011.FLAT	25	23:44	17:41:56.7	+36:04:57	300	90	3.0	#141 Mapping t	2	bin2 300-line greating 3 slit
0012-0025.FLAT	25	23:53	17:41:56.7	+36:04:57	300	90	3.0	#141 Mapping t	2	
0026-0030.DARK	900	01:10	17:41:56.7	+36:04:57	300	90	3.0	#141 Mapping t	2	
0031.COMP	12	01:51	17:41:56.7	+36:04:57	300	90	3.0	#141 Mapping t	2	Testing lines position (2659.52 A)
0032.HD84937	20	03:09	09:48:54.9	+13:45:14	300	90	3.0	#56 Spectropho	2	
0033.HD84937	20	03:09	09:48:54.9	+13:45:14	300	90	3.0	#56 Spectropho	2	
0034.HD84937	20	03:10	09:48:54.9	+13:45:14	300	90	3.0	#56 Spectropho	2	
0035.COMP	12	03:11	09:48:54.9	+13:45:14	300	90	3.0	#56 Spectropho	2	
0036.Feige34	300	03:18	10:39:36.9	+43:06:11	300	0	3.0	#56 Spectropho	2	
0037.Feige34	300	03:23	10:39:36.9	+43:06:11	300	0	3.0	#56 Spectropho	2	
0038.COMP	12	03:28	10:39:36.9	+43:06:11	300	0	3.0	#56 Spectropho	2	
0039.N3377	180	03:31	10:45:02.6	+14:14:51	300	0	3.0	#57 Velocity S	2	
0040.COMP	12	03:34	10:45:02.6	+14:14:51	300	0	3.0	#57 Velocity S	2	
0041.sn2007bd	1800	03:45	08:31:33.3	-01:11:58	300	40	3.0	#2 SN Observat	2	
0042.COMP	12	04:15	08:31:33.3	-01:11:58	300	40	3.0	#2 SN Observat	2	
0043.sn2007bm	1200	04:21	11:25:02.3	-09:47:54	300	-5	3.0	#2 SN Observat	2	
0044.COMP	12	04:43	11:25:02.3	-09:47:54	300	-5	3.0	#2 SN Observat	2	
0045.N4051	150	04:58	12:03:09.7	+44:31:53	300	90	3.0	#6 AGN Monitor	2	

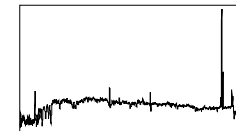


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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0046.N4051	150	05:01	12:03:09.7	+44:31:53	300	90	3.0	#6 AGN Monitor	2	
0047.COMP	12	05:04	12:03:09.7	+44:31:53	300	90	3.0	#6 AGN Monitor	2	
0048.N4151	30	05:06	12:10:32.6	+39:24:21	300	90	3.0	#6 AGN Monitor	2	
0049.N4151	30	05:06	12:10:32.6	+39:24:21	300	90	3.0	#6 AGN Monitor	2	
0050.COMP	12	05:10	12:10:32.6	+39:24:21	300	90	3.0	#6 AGN Monitor	2	
0051.cirs2fastf032	300	05:25	12:06:18.3	+39:22:13	300	70	3.0	#172 SDSS Clus	2	
0052.COMP	12	05:30	13:09:00.9	+39:11:20	300	70	3.0	#172 SDSS Clus	2	Comp spectra
0053.cirs2fastb026	300	05:33	13:09:00.9	+39:11:20	300	50	3.0	#172 SDSS Clus	2	Two objects in the slit.
0054.COMP	12	05:39	13:09:00.9	+39:11:20	300	50	3.0	#172 SDSS Clus	2	
0055.cirs2fastb030	900	05:46	13:10:45.6	+38:29:23	300	90	3.0	#172 SDSS Clus	2	
0056.COMP	12	06:02	13:10:45.6	+38:29:23	300	90	3.0	#172 SDSS Clus	2	
0057.sn2007F	1800	06:17	13:03:15.1	+50:37:08	300	10	3.0	#2 SN Observat	2	
0058.COMP	12	06:51	13:03:15.1	+50:37:08	300	10	3.0	#2 SN Observat	2	
0059.14114238-1941189	600	07:00	14:11:42.4	-19:41:19	300	70	3.0	#141 Mapping t	2	
0060.COMP	12	07:11	14:11:42.4	-19:41:19	300	70	3.0	#141 Mapping t	2	
0061.14502202-2416455	900	07:26	14:50:22.0	-24:16:46	300	70	3.0	#141 Mapping t	2	
0062.COMP	12	07:41	14:50:22.0	-24:16:46	300	70	3.0	#141 Mapping t	2	
0063.cirs2fastb043	900	07:50	14:20:24.2	+49:19:17	300	90	3.0	#172 SDSS Clus	2	
0064.COMP	12	08:06	14:20:24.2	+49:19:17	300	90	3.0	#172 SDSS Clus	2	
0065.cirs2fastb044	900	08:11	14:21:22.0	+49:41:17	300	70	3.0	#172 SDSS Clus	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0066.COMP	12	08:26	14:21:22.0	+49:41:17	300	70	3.0	#172 SDSS Clus	2	
0067.cirs2fastf041	900	08:36	15:58:50.2	+24:53:58	300	90	3.0	#172 SDSS Clus	2	
0068.COMP	12	08:55	15:58:50.2	+24:53:58	300	90	3.0	#172 SDSS Clus	2	
0069.cirs2fastf043	900	08:57	16:00:38.2	+22:32:37	300	90	3.0	#172 SDSS Clus	2	
0070.COMP	12	09:13	16:00:38.2	+22:32:37	300	90	3.0	#172 SDSS Clus	2	
0071.sn2007bj	1200	09:17	16:22:10.6	-01:30:51	300	0	3.0	#2 SN Observat	2	
0072.COMP	12	09:38	16:22:10.6	-01:30:51	300	0	3.0	#2 SN Observat	2	
0073.16552457-2255327	900	09:46	16:55:24.6	-22:55:33	300	110	3.0	#141 Mapping t	2	Bad seeing
0074.COMP	12	10:01	16:55:24.6	-22:55:33	300	110	3.0	#141 Mapping t	2	
0075.17031807-1311264	900	10:10	17:03:18.1	-13:11:26	300	80	3.0	#141 Mapping t	2	Bad seeing
0076.COMP	12	10:27	17:03:18.1	-13:11:26	300	80	3.0	#141 Mapping t	2	
0077.fmfa487	600	10:32	17:41:56.7	+36:04:57	300	90	3.0	#171 Local Uni	2	Bad seeing
0078.COMP	12	10:42	17:41:56.7	+36:04:57	300	90	3.0	#171 Local Uni	2	
0079.17361584-1727302	900	10:48	17:36:15.8	-17:27:30	300	100	3.0	#141 Mapping t	2	Bad seeing
0080.COMP	12	11:06	17:36:15.8	-17:27:30	300	100	3.0	#141 Mapping t	2	
0081.18335161-2337596	900	11:11	18:33:51.6	-23:38:00	300	100	3.0	#141 Mapping t	2	Bad seeing
0082.COMP	12	11:26	18:33:51.6	-23:38:00	300	100	3.0	#141 Mapping t	2	
0083.19083010-0706459	900	11:42	19:08:30.1	-07:06:46	300	100	3.0	#141 Mapping t	2	Bad seeing. Sun light.
0084.COMP	12	11:58	19:08:30.1	-07:06:46	300	100	3.0	#141 Mapping t	2	
0085-0094.BIAS	0	12:00	19:08:30.1	-07:06:46	300	100	3.0	#141 Mapping t	2	

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<i>File</i>	<i>Exp Time</i>	<i>UT Start</i>	<i>RA</i>	<i>Dec</i>	<i>Gr.</i>	<i>P.A.</i>	<i>Slit</i>	<i>Program</i>	<i>Bin</i>	<i>Comments</i>
0095-0109.FLAT	25	12:10	19:08:30.1	-07:06:46	300	100	3.0	#141 Mapping t	2	
0110-0114.DARK	900	13:31	19:08:30.1	-07:06:46	300	100	3.0	#141 Mapping t	2	