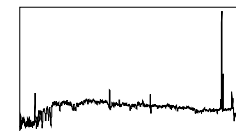
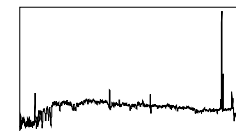
UT Date 2008-01-02 Observers M CalkinsColl. Focus 1280 Grating/Grism 300

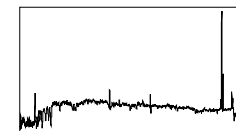
<i>File</i>	<i>Exp Time</i>	<i>UT Start</i>	<i>RA</i>	<i>Dec</i>	<i>Gr.</i>	<i>P.A.</i>	<i>Slit</i>	<i>Program</i>	<i>Bin</i>	<i>Comments</i>
0001-0010.DARK	900	01:29	12:19:23.2	+05:49:36	300	90	3.0	#170 h & chi P	4	
0011-0020.BIAS	0	01:58	12:19:23.2	+05:49:36	300	90	3.0	#170 h & chi P	4	
0021-0030.FLAT	12	02:34	12:19:23.2	+05:49:36	300	90	3.0	#170 h & chi P	4	
0031-0040.BIAS	0	02:37	12:19:23.2	+05:49:36	300	90	3.0	#170 h & chi P	2	
0041-0060.FLAT	25	04:48	12:19:23.2	+05:49:36	300	90	3.0	#170 h & chi P	2	
0061-0070.DARK	900	14:21	12:19:23.2	+05:49:36	300	90	3.0	#170 h & chi P	2	

UT Date 2008-01-03 Observers M CalkinsColl. Focus 1280 Grating/Grism 300

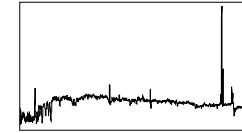
<i>File</i>	<i>Exp Time</i>	<i>UT Start</i>	<i>RA</i>	<i>Dec</i>	<i>Gr.</i>	<i>P.A.</i>	<i>Slit</i>	<i>Program</i>	<i>Bin</i>	<i>Comments</i>
0001-0007.DARK	900	00:41	12:19:23.2	+05:49:36	300	90	3.0	#170 h & chi P	4	
0008-0017.BIAS	0	00:58	12:19:23.2	+05:49:36	300	90	3.0	#170 h & chi P	4	
0018-0027.FLAT	12	01:03	12:19:23.2	+05:49:36	300	90	3.0	#170 h & chi P	4	
0028-0037.BIAS	0	01:06	12:19:23.2	+05:49:36	300	90	3.0	#170 h & chi P	2	
0038-0057.FLAT	25	01:19	12:19:23.2	+05:49:36	300	90	3.0	#170 h & chi P	2	
0058.BDp284211	70	01:28	21:51:11.1	+28:51:53	300	74	3.0	#56 Spectropho	4	
0059.COMP	5	01:32	21:51:11.1	+28:51:53	300	74	3.0	#56 Spectropho	4	
0060.BDp284211	80	01:33	21:51:11.1	+28:51:53	300	74	3.0	#56 Spectropho	2	
0061.COMP	12	01:35	21:51:11.1	+28:51:53	300	74	3.0	#56 Spectropho	2	
0062.BDp174708	24	01:37	22:11:31.5	+18:05:34	300	74	3.0	#56 Spectropho	4	
0063.BDp174708	24	01:37	22:11:31.5	+18:05:34	300	74	3.0	#56 Spectropho	4	
0064.BDp174708	24	01:38	22:11:31.5	+18:05:34	300	74	3.0	#56 Spectropho	4	
0065.COMP	5	01:40	22:11:31.5	+18:05:34	300	74	3.0	#56 Spectropho	4	
0066.BDp174708	25	01:41	22:11:31.5	+18:05:34	300	74	3.0	#56 Spectropho	2	
0067.BDp174708	25	01:42	22:11:31.5	+18:05:34	300	74	3.0	#56 Spectropho	2	
0068.BDp174708	25	01:42	22:11:31.5	+18:05:34	300	74	3.0	#56 Spectropho	2	
0069.COMP	12	01:44	22:11:31.5	+18:05:34	300	74	3.0	#56 Spectropho	2	
0070.PUVu1	2	01:46	20:21:13.0	+21:34:21	300	90	3.0	#12 Symbiotic	2	
0071.PUVu1	20	01:46	20:21:13.0	+21:34:21	300	90	3.0	#12 Symbiotic	2	
0072.PUVu1	90	01:47	20:21:13.0	+21:34:21	300	90	3.0	#12 Symbiotic	2	

UT Date 2008-01-03 Observers M CalkinsColl. Focus 1280 Grating/Grism 300

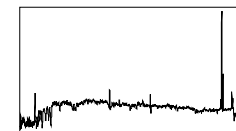
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0073.PUVul	240	01:49	20:21:13.0	+21:34:21	300	90	3.0	#12 Symbiotic	2	
0074.COMP	12	01:57	20:21:13.0	+21:34:21	300	90	3.0	#12 Symbiotic	2	
0075.ZAnd	2	01:58	23:33:40.0	+48:49:06	300	90	3.0	#12 Symbiotic	2	
0076.ZAnd	10	01:59	23:33:40.0	+48:49:06	300	90	3.0	#12 Symbiotic	2	
0077.ZAnd	50	01:59	23:33:40.0	+48:49:06	300	90	3.0	#12 Symbiotic	2	clouds moving in
0078.COMP	12	02:01	23:33:40.0	+48:49:06	300	90	3.0	#12 Symbiotic	2	
0079.Akn564	900	02:09	22:42:39.4	+29:43:31	300	90	3.0	#6 AGN Monitor	2	cloud break, shorten exp..
0080.Akn564	180	02:30	22:42:39.4	+29:43:31	300	90	3.0	#6 AGN Monitor	2	
0081.Akn564	180	02:33	22:42:39.4	+29:43:31	300	90	3.0	#6 AGN Monitor	2	
0082.COMP	12	02:37	22:42:39.4	+29:43:31	300	90	3.0	#6 AGN Monitor	2	
0083.sn2007su	1800	02:39	22:19:08.9	+13:10:40	300	60	3.0	#2 SN Observat	2	
0084.COMP	12	03:10	22:19:08.9	+13:10:40	300	60	3.0	#2 SN Observat	2	
0085.hxPer370	240	03:14	02:21:03.8	+57:32:11	300	75	3.0	#170 h & chi P	2	
0086.COMP	12	03:18	02:21:03.8	+57:32:11	300	75	3.0	#170 h & chi P	2	
0087.hxPer371	300	03:21	02:24:16.5	+57:08:34	300	90	3.0	#170 h & chi P	2	
0088.COMP	12	03:27	02:24:16.5	+57:08:34	300	90	3.0	#170 h & chi P	2	
0089.hxPer372	300	03:30	02:22:12.6	+57:17:43	300	90	3.0	#170 h & chi P	2	
0090.COMP	12	03:36	02:22:12.6	+57:17:43	300	90	3.0	#170 h & chi P	2	
0091.hxPer573	300	03:37	02:19:47.3	+57:17:29	300	90	3.0	#170 h & chi P	2	row=77
0092.COMP	12	03:43	02:19:47.3	+57:17:29	300	90	3.0	#170 h & chi P	2	

UT Date 2008-01-03 Observers M CalkinsColl. Focus 1280 Grating/Grism 300

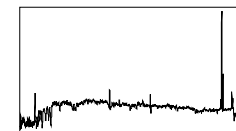
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0093.hxPer574	300	03:44	02:20:46.0	+56:43:47	300	90	3.0	#170 h & chi P	2	row=80
0094.COMP	12	03:50	02:20:46.0	+56:43:47	300	90	3.0	#170 h & chi P	2	
0095.hxPer373	300	03:52	02:18:08.0	+56:48:52	300	90	3.0	#170 h & chi P	2	
0096.COMP	12	03:58	02:18:08.0	+56:48:52	300	90	3.0	#170 h & chi P	2	
0097.hxPer374	420	03:59	02:23:23.8	+56:43:15	300	90	3.0	#170 h & chi P	2	
0098.COMP	12	04:06	02:23:23.8	+56:43:15	300	90	3.0	#170 h & chi P	2	
0099.hxPer375	480	04:08	02:19:16.4	+56:49:07	300	90	3.0	#170 h & chi P	2	
0100.COMP	12	04:17	02:19:16.4	+56:49:07	300	90	3.0	#170 h & chi P	2	
0101.sn2007gr	1500	04:20	02:43:28.0	+37:20:45	300	110	3.0	#2 SN Observat	2	working through clouds...
0102.COMP	12	04:45	02:43:28.0	+37:20:45	300	110	3.0	#2 SN Observat	2	
0103.hxPer376	600	04:47	02:17:26.6	+57:13:26	300	110	3.0	#170 h & chi P	2	
0104.COMP	12	04:58	02:17:26.6	+57:13:26	300	110	3.0	#170 h & chi P	2	
0105.hxPer377	600	04:59	02:19:49.6	+56:48:08	300	90	3.0	#170 h & chi P	2	
0106.COMP	12	05:10	02:19:49.6	+56:48:08	300	90	3.0	#170 h & chi P	2	
0107.hxPer378	600	05:11	02:22:05.7	+57:28:11	300	90	3.0	#170 h & chi P	2	
0108.COMP	12	05:22	02:22:05.7	+57:28:11	300	90	3.0	#170 h & chi P	2	
0109.hxPer379	480	05:23	02:20:09.1	+57:22:31	300	90	3.0	#170 h & chi P	2	
0110.COMP	12	05:32	02:20:09.1	+57:22:31	300	90	3.0	#170 h & chi P	2	
0111.hxPer380	600	05:34	02:21:00.9	+56:53:54	300	90	3.0	#170 h & chi P	2	
0112.COMP	12	05:45	02:21:00.9	+56:53:54	300	90	3.0	#170 h & chi P	2	

UT Date 2008-01-03 Observers M CalkinsColl. Focus 1280 Grating/Grism 300

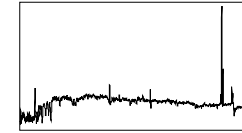
<i>File</i>	<i>Exp Time</i>	<i>UT Start</i>	<i>RA</i>	<i>Dec</i>	<i>Gr.</i>	<i>P.A.</i>	<i>Slit</i>	<i>Program</i>	<i>Bin</i>	<i>Comments</i>
0113.kep_w5_271	240	05:47	02:47:34.3	+60:37:35	300	90	3.0	#179 OB Stars	2	
0114.COMP	12	05:51	02:47:34.3	+60:37:35	300	90	3.0	#179 OB Stars	2	
0115.kep_w5_272	180	05:53	02:50:58.9	+60:35:09	300	90	3.0	#179 OB Stars	2	row=78
0116.COMP	12	05:57	02:50:58.9	+60:35:09	300	90	3.0	#179 OB Stars	2	
0117.kep_w5_273	300	05:59	02:53:24.4	+60:44:41	300	90	3.0	#179 OB Stars	2	
0118.COMP	12	06:04	02:53:24.4	+60:44:41	300	90	3.0	#179 OB Stars	2	
0119.kep_w5_274	240	06:05	02:51:12.7	+60:25:27	300	90	3.0	#179 OB Stars	2	
0120.COMP	12	06:10	02:51:12.7	+60:25:27	300	90	3.0	#179 OB Stars	2	
0121.kep_w5_275	360	06:11	02:53:04.9	+60:53:36	300	90	3.0	#179 OB Stars	2	
0122.COMP	12	06:18	02:53:04.9	+60:53:36	300	90	3.0	#179 OB Stars	2	
0123.HD84937	25	09:11	09:48:54.9	+13:45:14	300	-40	3.0	#56 Spectropho	2	
0124.HD84937	25	09:11	09:48:54.9	+13:45:14	300	-40	3.0	#56 Spectropho	2	
0125.HD84937	25	09:12	09:48:54.9	+13:45:14	300	-40	3.0	#56 Spectropho	2	
0126.COMP	12	09:13	09:48:54.9	+13:45:14	300	-40	3.0	#56 Spectropho	2	
0127.sn2007uy	1800	09:20	09:09:35.4	+33:07:10	300	77	3.0	#2 SN Observat	2	
0128.COMP	12	09:51	09:09:35.4	+33:07:10	300	77	3.0	#2 SN Observat	2	
0129.Feige34	720	09:55	10:39:36.9	+43:06:11	300	61	3.0	#56 Spectropho	2	
0130.COMP	12	10:09	10:39:36.9	+43:06:11	300	61	3.0	#56 Spectropho	2	
0131.Feige34	100	10:09	10:39:36.9	+43:06:11	300	61	3.0	#56 Spectropho	2	
0132.COMP	12	10:11	10:39:36.9	+43:06:11	300	61	3.0	#56 Spectropho	2	

UT Date 2008-01-03 Observers M CalkinsColl. Focus 1280 Grating/Grism 300

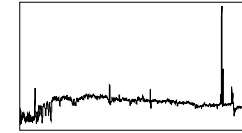
<i>File</i>	<i>Exp Time</i>	<i>UT Start</i>	<i>RA</i>	<i>Dec</i>	<i>Gr.</i>	<i>P.A.</i>	<i>Slit</i>	<i>Program</i>	<i>Bin</i>	<i>Comments</i>
0133.07451686-0307471	1500	10:14	07:45:16.9	-03:07:47	300	110	3.0	#141 Mapping t	2	
0134.COMP	12	10:40	07:45:16.9	-03:07:47	300	110	3.0	#141 Mapping t	2	
0135.cirsfastb199	1500	10:47	11:17:56.7	+03:02:42	300	90	3.0	#172 SDSS Clus	2	try again....!
0136.COMP	12	11:13	11:17:56.7	+03:02:42	300	90	3.0	#172 SDSS Clus	2	
0137.cirsfastb199	1200	11:14	11:17:56.7	+03:02:42	300	90	3.0	#172 SDSS Clus	2	
0138.COMP	12	11:35	11:17:56.7	+03:02:42	300	90	3.0	#172 SDSS Clus	2	
0139.sn2007sw	1320	12:08	12:13:36.9	+46:29:36	300	15	3.0	#2 SN Observat	2	
0140.COMP	12	12:32	12:13:36.9	+46:29:36	300	15	3.0	#2 SN Observat	2	
0141.sn2007sr	1200	12:38	12:01:52.8	-18:58:22	300	0	3.0	#2 SN Observat	2	
0142.COMP	12	12:59	12:01:52.8	-18:58:22	300	0	3.0	#2 SN Observat	2	
0143-0152.BIAS	0	13:07	12:01:52.8	-18:58:22	300	90	3.0	#2 SN Observat	2	
0153-0172.FLAT	25	13:19	12:01:52.8	-18:58:22	300	90	3.0	#2 SN Observat	2	
0173-0187.DARK	900	16:56	12:01:52.8	-18:58:22	300	90	3.0	#2 SN Observat	2	

UT Date 2008-01-04 Observers M CalkinsColl. Focus 1280 Grating/Grism 300

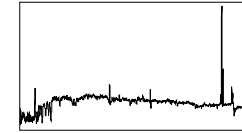
<i>File</i>	<i>Exp Time</i>	<i>UT Start</i>	<i>RA</i>	<i>Dec</i>	<i>Gr.</i>	<i>P.A.</i>	<i>Slit</i>	<i>Program</i>	<i>Bin</i>	<i>Comments</i>
0001-0010.DARK	900	01:09	12:01:52.8	-18:58:22	300	90	3.0	#2 SN Observat	4	
0011-0020.BIAS	0	01:39	12:01:52.8	-18:58:22	300	90	3.0	#2 SN Observat	4	
0021-0030.FLAT	12	01:51	12:01:52.8	-18:58:22	300	90	3.0	#2 SN Observat	4	
0031-0040.BIAS	0	01:58	12:01:52.8	-18:58:22	300	90	3.0	#2 SN Observat	2	
0041-0080.FLAT	25	02:36	12:01:52.8	-18:58:22	300	90	3.0	#2 SN Observat	2	
0081-0090.DARK	900	12:37	12:01:52.8	-18:58:22	300	90	3.0	#2 SN Observat	2	

UT Date 2008-01-05 Observers P BerlindColl. Focus 1280 Grating/Grism 300

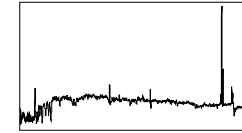
<i>File</i>	<i>Exp Time</i>	<i>UT Start</i>	<i>RA</i>	<i>Dec</i>	<i>Gr.</i>	<i>P.A.</i>	<i>Slit</i>	<i>Program</i>	<i>Bin</i>	<i>Comments</i>
0001-0010.BIAS	0	00:42	00:05:37.3	+31:27:42	300	90	3.0	#2 SN Observat	2	
0011-0025.FLAT	25	00:51	00:05:37.3	+31:27:42	300	90	3.0	#2 SN Observat	2	
0026.sky	12	00:54	00:25:00.0	+32:00:00	300	90	3.0	#57 Velocity S	2	clouds
0027-0030.sky	12	00:56	00:25:00.0	+32:00:00	300	90	3.0	#57 Velocity S	2	
0031.COMP	10	00:56	00:25:00.0	+32:00:00	300	90	3.0	#57 Velocity S	2	
0032.test	10	00:58	00:25:00.0	+32:00:00	300	90	3.0	#57 Velocity S	2	
0033.ZAnd	2	01:23	23:33:40.0	+48:49:06	300	90	3.0	#12 Symbiotic	2	
0034.ZAnd	6	01:24	23:33:40.0	+48:49:06	300	90	3.0	#12 Symbiotic	2	
0035.ZAnd	30	01:24	23:33:40.0	+48:49:06	300	90	3.0	#12 Symbiotic	2	
0036.COMP	10	01:25	23:33:40.0	+48:49:06	300	90	3.0	#12 Symbiotic	2	
0037.sn2008A	1200	01:30	01:38:17.4	+35:22:14	300	90	3.0	#2 SN Observat	2	
0038.COMP	10	01:51	01:38:17.4	+35:22:14	300	90	3.0	#2 SN Observat	2	
0039.sn2008A	1200	01:52	01:38:17.4	+35:22:14	300	90	3.0	#2 SN Observat	2	
0040.COMP	10	02:12	01:38:17.4	+35:22:14	300	90	3.0	#2 SN Observat	2	
0042.sn2008X1	609	02:14	23:59:25.1	+20:45:12	300	64	3.0	#2 SN Observat	2	
0043.COMP	10	02:25	23:59:25.1	+20:45:12	300	64	3.0	#2 SN Observat	2	
0044.HD19445	15	02:34	03:08:26.3	+26:20:29	300	90	3.0	#56 Spectropho	2	
0045.HD19445	15	02:35	03:08:26.3	+26:20:29	300	90	3.0	#56 Spectropho	2	
0046.HD19445	30	02:36	03:08:26.3	+26:20:29	300	90	3.0	#56 Spectropho	2	
0047.COMP	10	02:37	03:08:26.3	+26:20:29	300	90	3.0	#56 Spectropho	2	

UT Date 2008-01-05 Observers P BerlindColl. Focus 1280 Grating/Grism 300

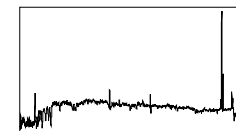
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0048.01030304+2727338	300	03:29	01:03:03.0	+27:27:34	300	90	3.0	#141 Mapping t	2	
0049.COMP	10	03:34	01:03:03.0	+27:27:34	300	90	3.0	#141 Mapping t	2	
0050.01034781+1432495	300	03:36	01:03:47.8	+14:32:49	300	90	3.0	#141 Mapping t	2	
0051.COMP	10	03:41	01:03:47.8	+14:32:49	300	90	3.0	#141 Mapping t	2	
0052.01033384+0834314	300	03:43	01:03:33.8	+08:34:31	300	90	3.0	#141 Mapping t	2	
0053.COMP	10	03:48	01:03:33.8	+08:34:31	300	90	3.0	#141 Mapping t	2	
0054.01042380+0808483	300	03:49	01:04:23.8	+08:08:48	300	90	3.0	#141 Mapping t	2	
0055.COMP	10	03:54	01:04:23.8	+08:08:48	300	90	3.0	#141 Mapping t	2	
0056.01044381+0952562	300	03:55	01:04:43.8	+09:52:56	300	90	3.0	#141 Mapping t	2	
0057.COMP	10	04:00	01:04:43.8	+09:52:56	300	90	3.0	#141 Mapping t	2	
0058.01055757+0723306	300	04:01	01:05:57.6	+07:23:31	300	90	3.0	#141 Mapping t	2	
0059.COMP	10	04:07	01:05:57.6	+07:23:31	300	90	3.0	#141 Mapping t	2	
0060.01060629+0307578	300	04:08	01:06:06.3	+03:07:58	300	90	3.0	#141 Mapping t	2	
0061.COMP	10	04:13	01:06:06.3	+03:07:58	300	90	3.0	#141 Mapping t	2	
0062.01451805+1135501	300	04:14	01:45:18.0	+11:35:50	300	90	3.0	#141 Mapping t	2	
0063.COMP	10	04:20	01:45:18.0	+11:35:50	300	90	3.0	#141 Mapping t	2	
0064.01455645+1111425	300	04:21	01:45:56.4	+11:11:43	300	90	3.0	#141 Mapping t	2	
0065.COMP	10	04:26	01:45:56.4	+11:11:43	300	90	3.0	#141 Mapping t	2	
0066.01465482+2243345	240	04:27	01:46:54.8	+22:43:35	300	90	3.0	#141 Mapping t	2	
0067.COMP	10	04:32	01:46:54.8	+22:43:35	300	90	3.0	#141 Mapping t	2	

UT Date 2008-01-05 Observers P BerlindColl. Focus 1280 Grating/Grism 300

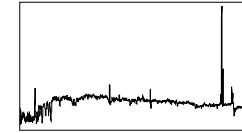
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0068.01470669+2338356	330	04:33	01:47:06.7	+23:38:36	300	90	3.0	#141 Mapping t	2	
0069.COMP	10	04:38	01:47:06.7	+23:38:36	300	90	3.0	#141 Mapping t	2	
0070.01475279+2326490	270	04:39	01:47:52.8	+23:26:49	300	90	3.0	#141 Mapping t	2	
0071.COMP	10	04:44	01:47:52.8	+23:26:49	300	90	3.0	#141 Mapping t	2	
0072.01464022+2858289	270	04:45	01:46:40.2	+28:58:29	300	90	3.0	#141 Mapping t	2	
0073.COMP	10	04:51	01:46:40.2	+28:58:29	300	90	3.0	#141 Mapping t	2	
0074.01480264+4859330	420	04:55	01:48:02.6	+48:59:33	300	90	3.0	#141 Mapping t	2	
0075.COMP	10	05:02	01:48:02.6	+48:59:33	300	90	3.0	#141 Mapping t	2	
0076.01481061+4802091	360	05:03	01:48:10.6	+48:02:09	300	90	3.0	#141 Mapping t	2	
0077.COMP	10	05:10	01:48:10.6	+48:02:09	300	90	3.0	#141 Mapping t	2	
0078.01490627+4916564	660	05:11	01:49:06.3	+49:16:56	300	90	3.0	#141 Mapping t	2	
0079.COMP	10	05:23	01:49:06.3	+49:16:56	300	90	3.0	#141 Mapping t	2	
0080.01495297+4809411	480	05:24	01:49:53.0	+48:09:41	300	90	3.0	#141 Mapping t	2	
0081.COMP	10	05:33	01:49:53.0	+48:09:41	300	90	3.0	#141 Mapping t	2	
0082.01495728+4330166	540	05:34	01:49:57.3	+43:30:17	300	90	3.0	#141 Mapping t	2	
0083.COMP	10	05:44	01:49:57.3	+43:30:17	300	90	3.0	#141 Mapping t	2	
0084.03490044+1551018	900	05:46	03:49:00.4	+15:51:02	300	90	3.0	#141 Mapping t	2	
0085.COMP	10	06:01	03:49:00.4	+15:51:02	300	90	3.0	#141 Mapping t	2	
0086.sn2008C	1200	06:04	06:57:11.5	+20:26:14	300	0	3.0	#2 SN Observat	2	
0087.COMP	10	06:25	06:57:11.5	+20:26:14	300	0	3.0	#2 SN Observat	2	

UT Date 2008-01-05 Observers P BerlindColl. Focus 1280 Grating/Grism 300

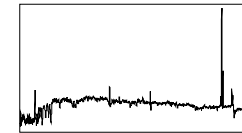
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0088.04520557+2326345	790	06:39	04:52:05.6	+23:26:34	300	90	3.0	#141 Mapping t	2	
0089.COMP	10	06:52	04:52:05.6	+23:26:34	300	90	3.0	#141 Mapping t	2	
0090.04523192+1032408	600	06:54	04:52:31.9	+10:32:41	300	90	3.0	#141 Mapping t	2	
0091.COMP	10	07:04	04:52:31.9	+10:32:41	300	90	3.0	#141 Mapping t	2	
0092.04524920+1044178	900	07:05	04:52:49.2	+10:44:18	300	90	3.0	#141 Mapping t	2	
0093.COMP	10	07:20	04:52:49.2	+10:44:18	300	90	3.0	#141 Mapping t	2	
0094.04531233+0447135	625	07:22	04:53:12.3	+04:47:14	300	90	3.0	#141 Mapping t	2	
0095.COMP	10	07:33	04:53:12.3	+04:47:14	300	90	3.0	#141 Mapping t	2	
0096.04563816+0143408	630	07:34	04:56:38.2	+01:43:41	300	90	3.0	#141 Mapping t	2	
0097.COMP	10	07:45	04:56:38.2	+01:43:41	300	90	3.0	#141 Mapping t	2	
0098.sn2007uy	650	07:47	09:09:35.4	+33:07:10	300	90	3.0	#2 SN Observat	2	
0099.COMP	10	07:58	09:09:35.4	+33:07:10	300	90	3.0	#2 SN Observat	2	
0100.sn2007uy	542	08:06	09:09:35.4	+33:07:10	300	90	3.0	#2 SN Observat	2	stopped by clouds again
0101.COMP	10	08:16	09:09:35.4	+33:07:10	300	90	3.0	#2 SN Observat	2	
0102-0111.BIAS	0	09:58	09:09:35.4	+33:07:10	300	90	3.0	#2 SN Observat	2	
0112-0126.FLAT	25	10:07	09:09:35.4	+33:07:10	300	90	3.0	#2 SN Observat	2	
0127-0131.DARK	900	11:24	09:09:35.4	+33:07:10	300	90	3.0	#2 SN Observat	2	

UT Date 2008-01-06 Observers P BerlindColl. Focus 1280 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001-0005.DARK	900	00:21	09:09:35.4	+33:07:10	300	90	3.0	#2 SN Observat	2	
0006-0015.BIAS	0	00:47	09:09:35.4	+33:07:10	300	90	3.0	#2 SN Observat	2	
0016-0030.FLAT	25	00:56	09:09:35.4	+33:07:10	300	90	3.0	#2 SN Observat	2	
0031.HD19445	30	02:14	03:08:26.3	+26:20:29	300	90	3.0	#56 Spectropho	2	
0032.HD19445	30	02:15	03:08:26.3	+26:20:29	300	90	3.0	#56 Spectropho	2	
0033.HD19445	30	02:16	03:08:26.3	+26:20:29	300	90	3.0	#56 Spectropho	2	
0034.COMP	10	02:17	03:08:26.3	+26:20:29	300	90	3.0	#56 Spectropho	2	
0035.sn2008A	1800	02:19	01:38:17.4	+35:22:14	300	90	3.0	#2 SN Observat	2	
0036.COMP	10	02:49	01:38:17.4	+35:22:14	300	90	3.0	#2 SN Observat	2	
0037.ZAnd	5	02:51	23:33:40.0	+48:49:06	300	90	3.0	#12 Symbiotic	2	
0038.ZAnd	30	02:51	23:33:40.0	+48:49:06	300	90	3.0	#12 Symbiotic	2	
0039.ZAnd	60	02:52	23:33:40.0	+48:49:06	300	90	3.0	#12 Symbiotic	2	
0040.COMP	10	02:53	23:33:40.0	+48:49:06	300	90	3.0	#12 Symbiotic	2	
0041.hxPer381	720	02:55	02:20:18.1	+56:45:08	300	90	3.0	#170 h & chi P	2	
0042.COMP	10	03:08	02:20:18.1	+56:45:08	300	90	3.0	#170 h & chi P	2	
0043.hxPer382	720	03:09	02:21:24.7	+57:28:03	300	90	3.0	#170 h & chi P	2	
0044.COMP	10	03:21	02:21:24.7	+57:28:03	300	90	3.0	#170 h & chi P	2	
0045.sn2007gr	619	03:53	02:43:28.0	+37:20:45	300	90	3.0	#2 SN Observat	2	
0046.COMP	10	04:03	02:43:28.0	+37:20:45	300	90	3.0	#2 SN Observat	2	
0047-0056.BIAS	0	09:24	02:43:28.0	+37:20:45	300	90	3.0	#2 SN Observat	2	

UT Date 2008-01-06 Observers P BerlindColl. Focus 1280 Grating/Grism 300

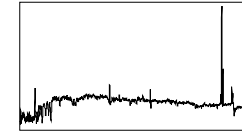
<i>File</i>	<i>Exp Time</i>	<i>UT Start</i>	<i>RA</i>	<i>Dec</i>	<i>Gr.</i>	<i>P.A.</i>	<i>Slit</i>	<i>Program</i>	<i>Bin</i>	<i>Comments</i>
0057-0071.FLAT	25	09:33	02:43:28.0	+37:20:45	300	90	3.0	#2 SN Observat	2	



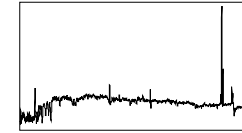
UT Date 2008-01-07 Observers P Berlind

Coll. Focus 1280 Grating/Grism 300

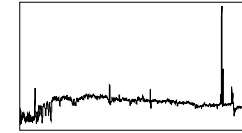
<i>File</i>	<i>Exp Time</i>	<i>UT Start</i>	<i>RA</i>	<i>Dec</i>	<i>Gr.</i>	<i>P.A.</i>	<i>Slit</i>	<i>Program</i>	<i>Bin</i>	<i>Comments</i>
0001-0005.DARK	900	00:07	02:43:28.0	+37:20:45	300	90	3.0	#2 SN Observat	2	
0006-0015.BIAS	0	00:57	02:43:28.0	+37:20:45	300	90	3.0	#2 SN Observat	2	
0016-0030.FLAT	25	01:06	02:43:28.0	+37:20:45	300	90	3.0	#2 SN Observat	2	
0001-0005.DARK	900	00:07	02:43:28.0	+37:20:45	300	90	3.0	#2 SN Observat	2	
0006-0015.BIAS	0	00:57	02:43:28.0	+37:20:45	300	90	3.0	#2 SN Observat	2	
0016-0030.FLAT	25	01:06	02:43:28.0	+37:20:45	300	90	3.0	#2 SN Observat	2	

UT Date 2008-01-08 Observers P BerlindColl. Focus 1280 Grating/Grism 300

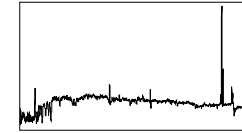
<i>File</i>	<i>Exp Time</i>	<i>UT Start</i>	<i>RA</i>	<i>Dec</i>	<i>Gr.</i>	<i>P.A.</i>	<i>Slit</i>	<i>Program</i>	<i>Bin</i>	<i>Comments</i>
0001.BIAS	0	02:28	02:43:28.0	+37:20:45	300	90	3.0	#2 SN Observat	2	do not use
0002-0010.BIAS	0	02:30	02:43:28.0	+37:20:45	300	90	3.0	#2 SN Observat	2	
0011.FLAT	25	02:30	02:43:28.0	+37:20:45	300	90	3.0	#2 SN Observat	2	do not use
0012-0025.FLAT	25	02:39	02:43:28.0	+37:20:45	300	90	3.0	#2 SN Observat	2	
0026.DARK	900	03:06	02:43:28.0	+37:20:45	300	90	3.0	#2 SN Observat	2	do not use
0027-0030.DARK	900	04:07	02:43:28.0	+37:20:45	300	90	3.0	#2 SN Observat	2	
0031.BIAS	0	10:02	02:43:28.0	+37:20:45	300	90	3.0	#2 SN Observat	2	ccd warming up
0032-0034.BIAS	0	10:36	02:43:28.0	+37:20:45	300	90	3.0	#2 SN Observat	2	
0035.test	15	10:36	02:43:28.0	+37:20:45	300	90	3.0	#2 SN Observat	2	
0036-0037.BIAS	0	11:08	02:43:28.0	+37:20:45	300	90	3.0	#2 SN Observat	2	
0038.test	15	11:33	02:43:28.0	+37:20:45	300	90	3.0	#2 SN Observat	2	
0039.DARK	900	11:47	02:43:28.0	+37:20:45	300	90	3.0	#2 SN Observat	2	
0040-0049.BIAS	0	12:11	02:43:28.0	+37:20:45	300	90	3.0	#2 SN Observat	2	
0050-0064.FLAT	25	12:20	02:43:28.0	+37:20:45	300	90	3.0	#2 SN Observat	2	

UT Date 2008-01-09 Observers M CalkinsColl. Focus 1280 Grating/Grism 600

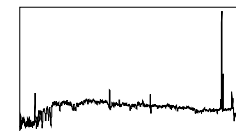
<i>File</i>	<i>Exp Time</i>	<i>UT Start</i>	<i>RA</i>	<i>Dec</i>	<i>Gr.</i>	<i>P.A.</i>	<i>Slit</i>	<i>Program</i>	<i>Bin</i>	<i>Comments</i>
0001-0004.DARK	900	01:36	00:21:37.1	+31:27:42	300	90	3.0	#2 SN Observat	4	
0005-0014.BIAS	0	01:55	00:21:37.1	+31:27:42	300	90	3.0	#2 SN Observat	4	
0015-0024.FLAT	12	01:59	00:21:37.1	+31:27:42	300	90	3.0	#2 SN Observat	4	
0025-0034.BIAS	0	02:03	00:21:37.1	+31:27:42	300	90	3.0	#2 SN Observat	2	
0035.BDp284211	80	02:07	21:51:11.1	+28:51:53	300	90	3.0	#56 Spectropho	4	
0036.COMP	5	02:09	21:51:11.1	+28:51:53	300	90	3.0	#56 Spectropho	4	
0037.BDp284211	180	02:10	21:51:11.1	+28:51:53	300	90	3.0	#56 Spectropho	2	
0038.COMP	12	02:13	21:51:11.1	+28:51:53	300	90	3.0	#56 Spectropho	2	
0039.4U0115p634	1800	02:19	01:18:32.0	+63:44:24	300	90	3.0	#176 Be/X-ray	2	
0040.COMP	12	02:49	01:18:32.0	+63:44:24	300	90	3.0	#176 Be/X-ray	2	
0041.sn2008A	1800	02:54	01:38:17.4	+35:22:14	300	102	3.0	#2 SN Observat	2	
0042.COMP	12	03:25	01:38:17.4	+35:22:14	300	102	3.0	#2 SN Observat	2	
0043.ZAnd	1	03:27	23:33:40.0	+48:49:06	300	90	3.0	#12 Symbiotic	2	
0044.ZAnd	5	03:27	23:33:40.0	+48:49:06	300	90	3.0	#12 Symbiotic	2	
0045.ZAnd	30	03:27	23:33:40.0	+48:49:06	300	90	3.0	#12 Symbiotic	2	
0046.ZAnd	50	03:28	23:33:40.0	+48:49:06	300	90	3.0	#12 Symbiotic	2	
0047.COMP	12	03:30	23:33:40.0	+48:49:06	300	90	3.0	#12 Symbiotic	2	
0048-0067.FLAT	25	03:43	01:36:04.0	+66:11:50	300	90	3.0	#176 Be/X-ray	2	
0068.COMP	25	03:48	01:36:04.0	+66:11:50	600	90	2.0	#176 Be/X-ray	2	test, 600L, 2arcsec, tilt=625
0069.4U0115p634	1500	04:07	01:18:32.0	+63:44:24	600	90	2.0	#176 Be/X-ray	2	

UT Date 2008-01-09 Observers M CalkinsColl. Focus 1280 Grating/Grism 600

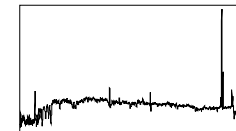
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0070.COMP	17	04:32	01:18:32.0	+63:44:24	600	90	2.0	#176 Be/X-ray	2	
0071.IGRJ01583p6713	1200	04:35	01:58:18.2	+67:13:26	600	90	2.0	#176 Be/X-ray	2	
0072.COMP	12	04:56	01:58:18.2	+67:13:26	600	90	2.0	#176 Be/X-ray	2	
0073.IGRJ01363p6610	480	04:58	01:36:04.0	+66:11:50	600	90	2.0	#176 Be/X-ray	2	
0074.COMP	12	05:07	01:36:04.0	+66:11:50	600	90	2.0	#176 Be/X-ray	2	
0075.RXJ01469p6121	180	05:09	01:47:00.0	+61:21:23	600	90	2.0	#176 Be/X-ray	2	
0076.COMP	15	05:12	01:47:00.0	+61:21:23	600	90	2.0	#176 Be/X-ray	2	
0077.HD19445	30	05:15	03:08:26.3	+26:20:29	600	90	2.0	#176 Be/X-ray	2	
0078.COMP	15	05:16	03:08:26.3	+26:20:29	600	90	2.0	#176 Be/X-ray	2	
0079.LSIp61303	1	05:18	02:40:31.6	+61:13:46	600	90	2.0	#176 Be/X-ray	2	ignore this file...!
0080.LSIp61303	60	05:19	02:40:31.6	+61:13:46	600	90	2.0	#176 Be/X-ray	2	
0081.COMP	15	05:20	02:40:31.6	+61:13:46	600	90	2.0	#176 Be/X-ray	2	
0082.V0332p53	1800	05:22	03:34:59.8	+53:10:24	600	90	2.0	#176 Be/X-ray	2	
0083.COMP	15	05:56	03:34:59.8	+53:10:24	600	90	2.0	#176 Be/X-ray	2	
0084.XPer	2	05:58	03:55:23.0	+31:02:45	600	90	2.0	#176 Be/X-ray	2	
0085.COMP	15	05:58	03:55:23.0	+31:02:45	600	90	2.0	#176 Be/X-ray	2	
0086.RXJ04409p4431	180	05:59	04:41:00.6	+44:31:50	600	90	2.0	#176 Be/X-ray	2	
0087.COMP	15	06:03	04:41:00.6	+44:31:50	600	90	2.0	#176 Be/X-ray	2	
0088.A0535p262	30	06:05	05:38:54.5	+26:18:57	600	90	2.0	#176 Be/X-ray	2	
0089.COMP	15	06:07	05:38:54.5	+26:18:57	600	90	2.0	#176 Be/X-ray	2	

UT Date 2008-01-09 Observers M CalkinsColl. Focus 1280 Grating/Grism 600

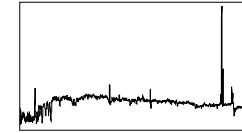
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0090.IGRJ06074p2205	480	06:08	06:07:26.6	+22:05:48	600	90	2.0	#176 Be/X-ray	2	
0091.COMP	15	06:17	06:07:26.6	+22:05:48	600	90	2.0	#176 Be/X-ray	2	
0092-0101.FLAT	45	06:29	06:07:26.6	+22:05:48	600	90	2.0	#176 Be/X-ray	2	
0102.sn2008C	1200	06:44	06:57:11.5	+20:26:14	300	-26	3.0	#2 SN Observat	2	combo setup
0103.COMP	12	07:05	06:57:11.5	+20:26:14	300	-26	3.0	#2 SN Observat	2	
0104.SDSS0330-0718	1200	07:15	03:30:01.6	-07:18:28	300	90	3.0	#165 Quasar Br	2	
0105.COMP	12	07:36	03:30:01.6	-07:18:28	300	90	3.0	#165 Quasar Br	2	
0106.SDSS0737+3844	1500	07:39	07:37:40.0	+38:44:13	300	90	3.0	#165 Quasar Br	2	
0107.COMP	12	08:04	07:37:40.0	+38:44:13	300	90	3.0	#165 Quasar Br	2	
0108.SDSS0803+3022	1200	08:06	08:03:42.0	+30:22:55	300	90	3.0	#165 Quasar Br	2	
0109.COMP	12	08:26	08:03:42.0	+30:22:55	300	90	3.0	#165 Quasar Br	2	
0110.SDSS0845+3420	1500	08:29	08:45:38.7	+34:20:44	300	90	3.0	#165 Quasar Br	2	
0111.COMP	12	08:54	08:45:38.7	+34:20:44	300	90	3.0	#165 Quasar Br	2	
0112.HD84937	24	08:57	09:48:54.9	+13:45:14	300	-37	3.0	#56 Spectropho	2	
0113.COMP	12	08:58	09:48:54.9	+13:45:14	300	-37	3.0	#56 Spectropho	2	
0114.HD84937	20	08:59	09:48:54.9	+13:45:14	300	-37	3.0	#56 Spectropho	2	
0115.COMP	12	09:00	09:48:54.9	+13:45:14	300	-37	3.0	#56 Spectropho	2	
0116.Feige34	120	09:04	10:39:36.9	+43:06:11	300	70	3.0	#56 Spectropho	2	
0117.COMP	12	09:06	10:39:36.9	+43:06:11	300	70	3.0	#56 Spectropho	2	
0118-0127.FLAT	25	09:13	10:39:36.9	+43:06:11	300	90	3.0	#56 Spectropho	2	

UT Date 2008-01-09 Observers M CalkinsColl. Focus 1280 Grating/Grism 600

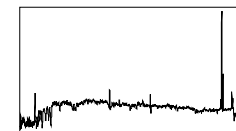
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0128.pg0934p338	1380	09:19	09:37:08.8	+33:34:07	600	90	2.0	#178 Very Low	4	600L, 2arcsec, tilt=440
0129.COMP	10	09:42	09:37:08.8	+33:34:07	600	90	2.0	#178 Very Low	4	
0130.HD84937	25	09:45	09:48:54.9	+13:45:14	600	90	2.0	#56 Spectropho	4	
0131.COMP	10	09:46	09:48:54.9	+13:45:14	600	90	2.0	#56 Spectropho	4	
0132.Feige34	180	09:47	10:39:36.9	+43:06:11	600	90	2.0	#56 Spectropho	4	
0133.COMP	10	09:51	10:39:36.9	+43:06:11	600	90	2.0	#56 Spectropho	4	
0134.pg1022p050	360	09:53	10:25:00.2	+04:46:10	600	90	2.0	#178 Very Low	4	
0135.COMP	10	09:59	10:25:00.2	+04:46:10	600	90	2.0	#178 Very Low	4	
0136.pg1036p086	1320	10:00	10:39:07.3	+08:18:44	600	90	2.0	#178 Very Low	4	
0137.COMP	10	10:23	10:39:07.3	+08:18:44	600	90	2.0	#178 Very Low	4	
0138.pg1036p086	1320	10:23	10:39:07.3	+08:18:44	600	90	2.0	#178 Very Low	4	
0139.COMP	10	10:46	10:39:07.3	+08:18:44	600	90	2.0	#178 Very Low	4	
0140.pg1022p050	360	10:47	10:25:00.2	+04:46:10	600	90	2.0	#178 Very Low	4	
0141.pg1022p050	360	10:53	10:25:00.2	+04:46:10	600	90	2.0	#178 Very Low	4	
0142.COMP	10	11:00	10:25:00.2	+04:46:10	600	90	2.0	#178 Very Low	4	
0143.pg1036p086	1320	11:03	10:39:07.3	+08:18:44	600	90	2.0	#178 Very Low	4	
0144.COMP	10	11:25	10:39:07.3	+08:18:44	600	90	2.0	#178 Very Low	4	
0145.pg1036p086	1320	11:26	10:39:07.3	+08:18:44	600	90	2.0	#178 Very Low	4	
0146.COMP	10	11:48	10:39:07.3	+08:18:44	600	90	2.0	#178 Very Low	4	
0147.pg1022p050	360	11:50	10:25:00.2	+04:46:10	600	90	2.0	#178 Very Low	4	

UT Date 2008-01-09 Observers M CalkinsColl. Focus 1280 Grating/Grism 600

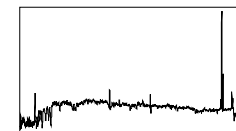
<i>File</i>	<i>Exp Time</i>	<i>UT Start</i>	<i>RA</i>	<i>Dec</i>	<i>Gr.</i>	<i>P.A.</i>	<i>Slit</i>	<i>Program</i>	<i>Bin</i>	<i>Comments</i>
0148.COMP	10	11:56	10:25:00.2	+04:46:10	600	90	2.0	#178 Very Low	4	
0149.pg1036p086	1320	11:58	10:39:07.3	+08:18:44	600	90	2.0	#178 Very Low	4	
0150.COMP	10	12:20	10:39:07.3	+08:18:44	600	90	2.0	#178 Very Low	4	
0151.pg1022p050	360	12:22	10:25:00.2	+04:46:10	600	90	2.0	#178 Very Low	4	
0152.pg1022p050	360	12:28	10:25:00.2	+04:46:10	600	90	2.0	#178 Very Low	4	
0153.COMP	10	12:34	10:25:00.2	+04:46:10	600	90	2.0	#178 Very Low	4	
0154.pg1036p086	1320	12:36	10:39:07.3	+08:18:44	600	90	2.0	#178 Very Low	4	
0155.COMP	10	12:58	10:39:07.3	+08:18:44	600	90	2.0	#178 Very Low	4	
0156.pg1022p050	360	12:59	10:25:00.2	+04:46:10	600	90	2.0	#178 Very Low	4	
0157.COMP	10	13:06	10:25:00.2	+04:46:10	600	90	2.0	#178 Very Low	4	
0158-0164.FLAT	45	13:12	10:25:00.2	+04:46:10	600	90	2.0	#178 Very Low	4	
0165-0174.BIAS	0	13:33	15:02:43.6	+23:53:20	300	90	3.0	#178 Very Low	4	
0175-0184.FLAT	25	13:41	15:02:43.6	+23:53:20	300	90	3.0	#178 Very Low	2	
0185-0194.BIAS	0	13:45	15:02:43.6	+23:53:20	300	90	3.0	#178 Very Low	2	
0195-0204.DARK	900	16:05	15:02:43.6	+23:53:20	300	90	3.0	#178 Very Low	2	

UT Date 2008-01-10 Observers M CalkinsColl. Focus 1280 Grating/Grism 300

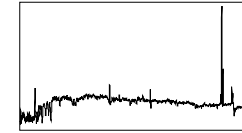
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0001-0007.DARK	900	01:03	15:02:43.6	+23:53:20	300	90	3.0	#178 Very Low	4	
0008-0017.BIAS	0	01:20	15:02:43.6	+23:53:20	300	90	3.0	#178 Very Low	4	
0018-0027.FLAT	12	01:24	15:02:43.6	+23:53:20	300	90	3.0	#178 Very Low	4	
0028-0037.BIAS	0	01:27	15:02:43.6	+23:53:20	300	90	3.0	#178 Very Low	2	
0038-0057.FLAT	25	01:38	15:02:43.6	+23:53:20	300	90	3.0	#178 Very Low	2	
0058.M31	60	01:42	00:42:44.0	+41:16:09	300	90	3.0	#57 Velocity S	2	mediocre seeing
0059.COMP	12	01:44	00:42:44.0	+41:16:09	300	90	3.0	#57 Velocity S	2	
0060.M31	60	01:44	00:42:44.0	+41:16:09	300	90	3.0	#57 Velocity S	4	
0061.COMP	5	01:46	00:42:44.0	+41:16:09	300	90	3.0	#57 Velocity S	4	
0062.sn2008A	1800	01:50	01:38:17.4	+35:22:14	300	-6	3.0	#2 SN Observat	2	
0063.COMP	12	02:21	01:38:17.4	+35:22:14	300	-6	3.0	#2 SN Observat	2	
0064.ZAnd	1	02:24	23:33:40.0	+48:49:06	300	90	3.0	#12 Symbiotic	2	
0065.ZAnd	5	02:25	23:33:40.0	+48:49:06	300	90	3.0	#12 Symbiotic	2	
0066.ZAnd	30	02:25	23:33:40.0	+48:49:06	300	90	3.0	#12 Symbiotic	2	
0067.ZAnd	50	02:27	23:33:40.0	+48:49:06	300	90	3.0	#12 Symbiotic	2	
0068.COMP	12	02:28	23:33:40.0	+48:49:06	300	90	3.0	#12 Symbiotic	2	
0069.01312700+6951204	1500	02:33	01:31:27.0	+69:51:20	300	95	3.0	#141 Mapping t	2	
0070.COMP	12	03:00	01:31:27.0	+69:51:20	300	95	3.0	#141 Mapping t	2	
0071.SDSSJ0059-1034	1800	03:13	00:59:22.2	-10:34:48	300	95	3.0	#181 Populatio	2	
0072.COMP	12	03:43	00:59:22.2	-10:34:48	300	95	3.0	#181 Populatio	2	

UT Date 2008-01-10 Observers M CalkinsColl. Focus 1280 Grating/Grism 300

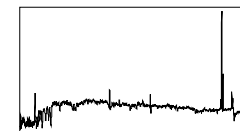
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0073.SDSSJ0139-0942	1200	03:45	01:39:03.4	-09:42:59	300	95	3.0	#181 Populatio	2	
0074.COMP	12	04:06	01:39:03.4	-09:42:59	300	95	3.0	#181 Populatio	2	
0075.hxPer383	150	04:10	02:23:30.7	+56:51:24	300	90	3.0	#170 h & chi P	2	
0076.COMP	12	04:13	02:23:30.7	+56:51:24	300	90	3.0	#170 h & chi P	2	
0077.hxPer384	180	04:14	02:23:26.2	+56:57:44	300	90	3.0	#170 h & chi P	2	row=88
0078.COMP	12	04:18	02:23:26.2	+56:57:44	300	90	3.0	#170 h & chi P	2	
0079.hxPer385	180	04:19	02:17:46.3	+57:24:16	300	65	3.0	#170 h & chi P	2	
0080.COMP	12	04:23	02:17:46.3	+57:24:16	300	65	3.0	#170 h & chi P	2	
0081.hxPer386	180	04:24	02:21:47.8	+56:52:05	300	90	3.0	#170 h & chi P	2	row=89
0082.COMP	12	04:28	02:21:47.8	+56:52:05	300	90	3.0	#170 h & chi P	2	
0083.hxPer387	180	04:29	02:19:02.8	+56:51:46	300	90	3.0	#170 h & chi P	2	row=86, seeing much improved...
0084.COMP	12	04:33	02:19:02.8	+56:51:46	300	90	3.0	#170 h & chi P	2	
0085.hxPer388	180	04:34	02:22:20.6	+56:58:04	300	90	3.0	#170 h & chi P	2	
0086.COMP	12	04:38	02:22:20.6	+56:58:04	300	90	3.0	#170 h & chi P	2	
0087.hxPer389	180	04:39	02:23:36.7	+57:03:01	300	90	3.0	#170 h & chi P	2	
0088.COMP	12	04:42	02:23:36.7	+57:03:01	300	90	3.0	#170 h & chi P	2	
0089.hxPer390	360	04:44	02:18:17.9	+56:54:29	300	90	3.0	#170 h & chi P	2	
0090.COMP	12	04:51	02:18:17.9	+56:54:29	300	90	3.0	#170 h & chi P	2	
0091.hxPer391	180	04:52	02:19:23.9	+56:48:25	300	90	3.0	#170 h & chi P	2	
0092.COMP	12	04:55	02:19:23.9	+56:48:25	300	90	3.0	#170 h & chi P	2	

UT Date 2008-01-10 Observers M CalkinsColl. Focus 1280 Grating/Grism 300

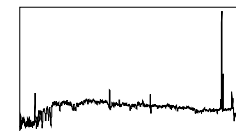
<i>File</i>	<i>Exp Time</i>	<i>UT Start</i>	<i>RA</i>	<i>Dec</i>	<i>Gr.</i>	<i>P.A.</i>	<i>Slit</i>	<i>Program</i>	<i>Bin</i>	<i>Comments</i>
0093.hxPer392	180	04:57	02:17:28.1	+56:57:05	300	90	3.0	#170 h & chi P	2	
0094.COMP	12	05:00	02:17:28.1	+56:57:05	300	90	3.0	#170 h & chi P	2	
0095.hxPer393	180	05:03	02:22:41.3	+56:56:46	300	90	3.0	#170 h & chi P	2	
0096.COMP	12	05:07	02:22:41.3	+56:56:46	300	90	3.0	#170 h & chi P	2	
0097.hxPer394	180	05:09	02:19:00.7	+56:53:42	300	90	3.0	#170 h & chi P	2	
0098.COMP	12	05:12	02:19:00.7	+56:53:42	300	90	3.0	#170 h & chi P	2	
0099.hxPer395	180	05:13	02:20:11.0	+56:46:01	300	90	3.0	#170 h & chi P	2	
0100.COMP	12	05:17	02:20:11.0	+56:46:01	300	90	3.0	#170 h & chi P	2	
0101.hxPer396	180	05:18	02:20:18.0	+57:24:07	300	90	3.0	#170 h & chi P	2	
0102.COMP	12	05:22	02:20:18.0	+57:24:07	300	90	3.0	#170 h & chi P	2	
0103.hxPer397	180	05:24	02:22:55.5	+57:32:23	300	90	3.0	#170 h & chi P	2	
0104.COMP	12	05:28	02:22:55.5	+57:32:23	300	90	3.0	#170 h & chi P	2	
0105.hxPer398	180	05:29	02:17:39.9	+57:30:56	300	90	3.0	#170 h & chi P	2	
0106.COMP	12	05:33	02:17:39.9	+57:30:56	300	90	3.0	#170 h & chi P	2	
0107.hxPer399	180	05:34	02:23:20.2	+57:19:13	300	90	3.0	#170 h & chi P	2	
0108.COMP	12	05:38	02:23:20.2	+57:19:13	300	90	3.0	#170 h & chi P	2	
0109.hxPer400	180	05:40	02:17:30.5	+57:18:23	300	90	3.0	#170 h & chi P	2	
0110.COMP	12	05:46	02:17:30.5	+57:18:23	300	90	3.0	#170 h & chi P	2	
0111.hxPer401	180	05:47	02:21:54.3	+56:53:24	300	90	3.0	#170 h & chi P	2	
0112.COMP	12	05:52	02:21:54.3	+56:53:24	300	90	3.0	#170 h & chi P	2	

UT Date 2008-01-10 Observers M CalkinsColl. Focus 1280 Grating/Grism 300

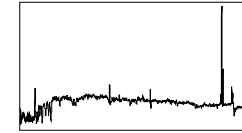
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0113.SDSSJ0735+2012	780	05:55	07:35:46.2	+20:12:35	300	90	3.0	#181 Populatio	2	
0114.COMP	12	06:09	07:35:46.2	+20:12:35	300	90	3.0	#181 Populatio	2	
0115.SDSSJ0737+1541	480	06:11	07:37:37.2	+15:41:31	300	90	3.0	#181 Populatio	2	
0116.COMP	12	06:19	07:37:37.2	+15:41:31	300	90	3.0	#181 Populatio	2	
0117.SDSSJ0739+1758	180	06:21	07:39:58.6	+17:58:34	300	90	3.0	#181 Populatio	2	
0118.COMP	12	06:24	07:39:58.6	+17:58:34	300	90	3.0	#181 Populatio	2	
0119.SDSSJ0752+1503	1800	06:26	07:52:24.3	+15:03:52	300	90	3.0	#181 Populatio	2	
0120.COMP	12	06:57	07:52:24.3	+15:03:52	300	90	3.0	#181 Populatio	2	
0121.SDSSJ0754+4312	80	06:59	07:54:27.1	+43:12:49	300	90	3.0	#181 Populatio	2	
0122.COMP	12	07:01	07:54:27.1	+43:12:49	300	90	3.0	#181 Populatio	2	
0123.SDSSJ0756+0812	780	07:03	07:56:22.7	+08:12:41	300	90	3.0	#181 Populatio	2	
0124.COMP	12	07:17	07:56:22.7	+08:12:41	300	90	3.0	#181 Populatio	2	
0125.SDSSJ0758+0936	90	07:18	07:58:32.9	+09:36:39	300	90	3.0	#181 Populatio	2	
0126.COMP	12	07:20	07:58:32.9	+09:36:39	300	90	3.0	#181 Populatio	2	
0127.SDSSJ0758+1201	90	07:21	07:58:44.2	+12:01:54	300	90	3.0	#181 Populatio	2	
0128.COMP	12	07:23	07:58:44.2	+12:01:54	300	90	3.0	#181 Populatio	2	
0129.SDSSJ0825+1307	80	07:25	08:25:56.8	+13:07:54	300	90	3.0	#181 Populatio	2	
0130.COMP	12	07:27	08:25:56.8	+13:07:54	300	90	3.0	#181 Populatio	2	
0131.SDSSJ0836+1917	180	07:28	08:36:12.0	+19:17:56	300	90	3.0	#181 Populatio	2	
0132.COMP	12	07:32	08:36:12.0	+19:17:56	300	90	3.0	#181 Populatio	2	

UT Date 2008-01-10 Observers M CalkinsColl. Focus 1280 Grating/Grism 300

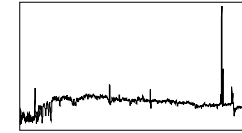
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0133.SDSS0330-0718	1500	07:35	03:30:01.6	-07:18:28	300	90	3.0	#165 Quasar Br	2	
0134.COMP	12	08:00	03:30:01.6	-07:18:28	300	90	3.0	#165 Quasar Br	2	
0135.SDSS0737+3844	1500	08:03	07:37:40.0	+38:44:13	300	90	3.0	#165 Quasar Br	2	
0136.COMP	12	08:28	07:37:40.0	+38:44:13	300	90	3.0	#165 Quasar Br	2	
0137.SDSS0803+3022	1500	08:30	08:03:42.0	+30:22:55	300	90	3.0	#165 Quasar Br	2	
0138.COMP	12	08:56	08:03:42.0	+30:22:55	300	90	3.0	#165 Quasar Br	2	
0139.SDSS0845+3420	1500	08:57	08:45:38.7	+34:20:44	300	90	3.0	#165 Quasar Br	2	
0140.COMP	12	09:23	08:45:38.7	+34:20:44	300	90	3.0	#165 Quasar Br	2	
0141.HD84937	20	09:26	09:48:54.9	+13:45:14	300	-21	3.0	#56 Spectropho	2	
0142.COMP	12	09:27	09:48:54.9	+13:45:14	300	-21	3.0	#56 Spectropho	2	
0143.HD84937	13	09:28	09:48:54.9	+13:45:14	300	-21	3.0	#56 Spectropho	2	
0144.HD84937	13	09:28	09:48:54.9	+13:45:14	300	-21	3.0	#56 Spectropho	2	
0145.HD84937	13	09:28	09:48:54.9	+13:45:14	300	-21	3.0	#56 Spectropho	2	
0146.COMP	12	09:29	09:48:54.9	+13:45:14	300	-21	3.0	#56 Spectropho	2	
0147.Feige34	110	09:34	10:39:36.9	+43:06:11	300	58	3.0	#56 Spectropho	2	
0148.COMP	12	09:36	10:39:36.9	+43:06:11	300	58	3.0	#56 Spectropho	2	
0149.SDSSJ0801+1414	1320	09:38	08:01:27.1	+14:14:55	300	70	3.0	#181 Populatio	2	row=86
0150.COMP	12	10:01	08:01:27.1	+14:14:55	300	70	3.0	#181 Populatio	2	
0151.SDSSJ0802+4050	1500	10:04	08:02:34.2	+40:50:15	300	90	3.0	#181 Populatio	2	
0152.COMP	12	10:30	08:02:34.2	+40:50:15	300	90	3.0	#181 Populatio	2	

UT Date 2008-01-10 Observers M CalkinsColl. Focus 1280 Grating/Grism 300

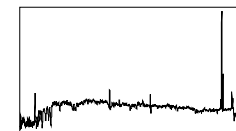
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0153.sn2007uy	1200	10:33	09:09:35.4	+33:07:10	300	90	3.0	#2 SN Observat	2	PA=90
0154.COMP	12	10:54	09:09:35.4	+33:07:10	300	90	3.0	#2 SN Observat	2	
0155.fmfs256	420	10:57	10:15:35.9	-10:54:24	300	90	3.0	#171 Local Uni	2	
0156.COMP	12	11:05	10:15:35.9	-10:54:24	300	90	3.0	#171 Local Uni	2	
0157.fmfs257	540	11:06	10:15:38.0	-10:52:24	300	80	3.0	#171 Local Uni	2	
0158.COMP	12	11:16	10:15:38.0	-10:52:24	300	80	3.0	#171 Local Uni	2	
0159.fmfs258	420	11:18	10:15:41.2	-10:58:03	300	90	3.0	#171 Local Uni	2	
0160.COMP	12	11:26	10:15:41.2	-10:58:03	300	90	3.0	#171 Local Uni	2	
0161.fmfs259	540	11:27	10:15:47.9	-10:55:43	300	90	3.0	#171 Local Uni	2	
0162.COMP	12	11:37	10:15:47.9	-10:55:43	300	90	3.0	#171 Local Uni	2	
0163.fmfs260	1200	11:38	10:16:08.0	-10:29:48	300	90	3.0	#171 Local Uni	2	
0164.COMP	12	11:59	10:16:08.0	-10:29:48	300	90	3.0	#171 Local Uni	2	
0165.fmfs297	420	12:01	12:45:11.9	-09:33:54	300	90	3.0	#171 Local Uni	2	
0166.COMP	12	12:09	12:45:11.9	-09:33:54	300	90	3.0	#171 Local Uni	2	
0167.fmfs298	420	12:10	12:45:51.6	-08:25:36	300	90	3.0	#171 Local Uni	2	
0168.COMP	12	12:18	12:45:51.6	-08:25:36	300	90	3.0	#171 Local Uni	2	
0169.fmfs299	600	12:20	12:46:39.8	-09:56:31	300	90	3.0	#171 Local Uni	2	
0170.COMP	12	12:31	12:46:39.8	-09:56:31	300	90	3.0	#171 Local Uni	2	
0171.fmfs300	300	12:33	12:46:45.0	-08:47:37	300	90	3.0	#171 Local Uni	2	
0172.COMP	12	12:38	12:46:45.0	-08:47:37	300	90	3.0	#171 Local Uni	2	

UT Date 2008-01-10 Observers M CalkinsColl. Focus 1280 Grating/Grism 300

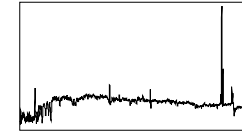
<i>File</i>	<i>Exp Time</i>	<i>UT Start</i>	<i>RA</i>	<i>Dec</i>	<i>Gr.</i>	<i>P.A.</i>	<i>Slit</i>	<i>Program</i>	<i>Bin</i>	<i>Comments</i>
0173.fmfs301	100	12:40	12:47:03.1	-08:44:09	300	90	3.0	#171 Local Uni	2	
0174.COMP	12	12:42	12:47:03.1	-08:44:09	300	90	3.0	#171 Local Uni	2	
0175.fmfs302	480	12:43	12:47:26.7	-10:23:59	300	90	3.0	#171 Local Uni	2	
0176.COMP	12	12:52	12:47:26.7	-10:23:59	300	90	3.0	#171 Local Uni	2	
0177.sn2008B	1020	12:58	15:02:43.6	+23:20:08	300	110	3.0	#2 SN Observat	2	
0178.COMP	12	13:16	15:02:43.6	+23:20:08	300	110	3.0	#2 SN Observat	2	
0179.BDp332642	90	13:18	15:52:00.0	+32:56:54	300	99	3.0	#56 Spectropho	2	
0180.COMP	12	13:20	15:52:00.0	+32:56:54	300	99	3.0	#56 Spectropho	2	
0181-0190.BIAS	0	13:25	15:52:00.0	+32:56:54	300	99	3.0	#181 Populatio	2	
0191-0210.FLAT	25	13:37	15:52:00.0	+32:56:54	300	99	3.0	#181 Populatio	2	
0211-0220.DARK	900	15:56	15:52:00.0	+32:56:54	300	90	3.0	#181 Populatio	2	

UT Date 2008-01-11 Observers M CalkinsColl. Focus 1280 Grating/Grism 600

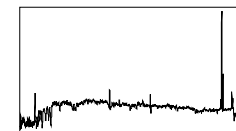
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001-0010.BIAS	0	03:48	00:09:10.1	+59:09:01	300	90	3.0	#57 Velocity S	2	
0011-0030.FLAT	25	04:01	00:09:10.1	+59:09:01	300	90	3.0	#57 Velocity S	2	
0031.ZAnd	1	04:04	23:33:40.0	+48:49:06	300	90	3.0	#12 Symbiotic	2	
0032.ZAnd	5	04:04	23:33:40.0	+48:49:06	300	90	3.0	#12 Symbiotic	2	
0033.ZAnd	30	04:05	23:33:40.0	+48:49:06	300	90	3.0	#12 Symbiotic	2	
0034.ZAnd	50	04:06	23:33:40.0	+48:49:06	300	90	3.0	#12 Symbiotic	2	
0035.COMP	12	04:09	23:33:40.0	+48:49:06	300	90	3.0	#12 Symbiotic	2	
0036.sn2008A	1800	04:14	01:38:17.4	+35:22:14	300	85	3.0	#2 SN Observat	2	
0037.COMP	12	04:45	01:38:17.4	+35:22:14	300	85	3.0	#2 SN Observat	2	
0038.hxPer402	180	04:56	02:22:22.3	+57:16:18	300	80	3.0	#170 h & chi P	2	
0039.COMP	12	05:00	02:22:22.3	+57:16:18	300	80	3.0	#170 h & chi P	2	
0040.hxPer403	180	05:01	02:20:20.7	+57:29:19	300	89	3.0	#170 h & chi P	2	
0041.COMP	12	05:05	02:20:20.7	+57:29:19	300	89	3.0	#170 h & chi P	2	
0042.hxPer404	120	05:07	02:22:49.1	+56:54:36	300	89	3.0	#170 h & chi P	2	
0043.COMP	12	05:09	02:22:49.1	+56:54:36	300	89	3.0	#170 h & chi P	2	
0044.hxPer405	120	05:10	02:17:40.6	+57:00:24	300	89	3.0	#170 h & chi P	2	
0045.COMP	12	05:13	02:17:40.6	+57:00:24	300	89	3.0	#170 h & chi P	2	
0046.hxPer406	150	05:14	02:18:54.2	+57:08:14	300	89	3.0	#170 h & chi P	2	row=78
0047.COMP	12	05:17	02:18:54.2	+57:08:14	300	89	3.0	#170 h & chi P	2	
0048.hxPer407	150	05:19	02:23:02.4	+57:19:25	300	89	3.0	#170 h & chi P	2	

UT Date 2008-01-11 Observers M CalkinsColl. Focus 1280 Grating/Grism 600

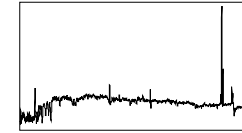
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0049.COMP	12	05:22	02:23:02.4	+57:19:25	300	89	3.0	#170 h & chi P	2	
0050.hxPer408	120	05:23	02:18:54.0	+57:21:05	300	89	3.0	#170 h & chi P	2	
0051.COMP	12	05:25	02:18:54.0	+57:21:05	300	89	3.0	#170 h & chi P	2	
0052.hxPer409	150	05:26	02:17:48.2	+57:22:57	300	89	3.0	#170 h & chi P	2	
0053.COMP	12	05:29	02:17:48.2	+57:22:57	300	89	3.0	#170 h & chi P	2	
0054.hxPer410	180	05:30	02:17:38.3	+57:06:39	300	89	3.0	#170 h & chi P	2	
0055.COMP	12	05:45	02:17:38.3	+57:06:39	300	89	3.0	#170 h & chi P	2	
0056.hxPer411	150	05:49	02:24:25.3	+57:24:24	300	89	3.0	#170 h & chi P	2	
0057.COMP	12	05:52	02:24:25.3	+57:24:24	300	89	3.0	#170 h & chi P	2	
0058.hxPer412	120	05:54	02:20:21.2	+56:44:33	300	89	3.0	#170 h & chi P	2	
0059.COMP	12	05:56	02:20:21.2	+56:44:33	300	89	3.0	#170 h & chi P	2	
0060.hxPer413	120	05:59	02:17:43.6	+56:53:46	300	89	3.0	#170 h & chi P	2	row=78
0061.COMP	12	06:02	02:17:43.6	+56:53:46	300	89	3.0	#170 h & chi P	2	
0062.hxPer414	120	06:03	02:18:59.4	+57:28:12	300	89	3.0	#170 h & chi P	2	
0063.COMP	12	06:06	02:18:59.4	+57:28:12	300	89	3.0	#170 h & chi P	2	
0064.hxPer415	120	06:07	02:20:55.1	+57:17:03	300	89	3.0	#170 h & chi P	2	
0065.COMP	12	06:10	02:20:55.1	+57:17:03	300	89	3.0	#170 h & chi P	2	
0066.hxPer416	120	06:11	02:23:28.1	+57:15:27	300	89	3.0	#170 h & chi P	2	
0067.COMP	12	06:14	02:23:28.1	+57:15:27	300	89	3.0	#170 h & chi P	2	
0068.hxPer417	150	06:15	02:19:49.7	+57:31:07	300	89	3.0	#170 h & chi P	2	

UT Date 2008-01-11 Observers M CalkinsColl. Focus 1280 Grating/Grism 600

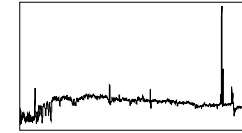
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0069.COMP	12	06:18	02:19:49.7	+57:31:07	300	89	3.0	#170 h & chi P	2	
0070.SDSS0330-0718	1500	06:21	03:30:01.6	-07:18:28	300	89	3.0	#165 Quasar Br	2	
0071.COMP	12	06:46	03:30:01.6	-07:18:28	300	89	3.0	#165 Quasar Br	2	
0072.hxPer418	120	06:50	02:20:29.8	+57:26:10	300	89	3.0	#170 h & chi P	2	
0073.COMP	12	06:52	02:20:29.8	+57:26:10	300	89	3.0	#170 h & chi P	2	
0074.hxPer419	120	06:53	02:20:32.9	+57:21:01	300	89	3.0	#170 h & chi P	2	
0075.COMP	12	06:55	02:20:32.9	+57:21:01	300	89	3.0	#170 h & chi P	2	
0076.hxPer420	120	06:56	02:24:07.4	+57:30:16	300	89	3.0	#170 h & chi P	2	
0077.COMP	12	06:59	02:24:07.4	+57:30:16	300	89	3.0	#170 h & chi P	2	
0078.SDSS0737+3844	1500	07:04	07:37:40.0	+38:44:13	300	89	3.0	#165 Quasar Br	2	
0079.COMP	12	07:29	07:37:40.0	+38:44:13	300	89	3.0	#165 Quasar Br	2	
0080.SDSS0803+3022	1500	07:31	08:03:42.0	+30:22:55	300	89	3.0	#165 Quasar Br	2	
0081.COMP	12	07:56	08:03:42.0	+30:22:55	300	89	3.0	#165 Quasar Br	2	
0082.SDSS0845+3420	1800	07:58	08:45:38.7	+34:20:44	300	90	3.0	#165 Quasar Br	2	
0083.COMP	12	08:29	08:45:38.7	+34:20:44	300	90	3.0	#165 Quasar Br	2	
0084.SDSSJ0802+4050	1800	08:31	08:02:34.2	+40:50:15	300	90	3.0	#181 Populatio	2	
0085.COMP	12	09:02	08:02:34.2	+40:50:15	300	90	3.0	#181 Populatio	2	
0086.HD84937	17	09:05	09:48:54.9	+13:45:14	300	-30	3.0	#56 Spectropho	2	
0087.HD84937	17	09:05	09:48:54.9	+13:45:14	300	-30	3.0	#56 Spectropho	2	
0088.COMP	12	09:06	09:48:54.9	+13:45:14	300	-30	3.0	#56 Spectropho	2	

UT Date 2008-01-11 Observers M CalkinsColl. Focus 1280 Grating/Grism 600

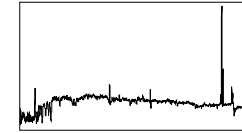
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0089.HD84937	12	09:07	09:48:54.9	+13:45:14	300	-30	3.0	#56 Spectropho	2	
0090.HD84937	12	09:07	09:48:54.9	+13:45:14	300	-30	3.0	#56 Spectropho	2	
0091.COMP	12	09:08	09:48:54.9	+13:45:14	300	-30	3.0	#56 Spectropho	2	
0092.Feige34	120	09:10	10:39:36.9	+43:06:11	300	66	3.0	#56 Spectropho	2	
0093.COMP	12	09:12	10:39:36.9	+43:06:11	300	66	3.0	#56 Spectropho	2	
0094.HD84937	10	09:20	09:48:54.9	+13:45:14	300	90	5.0	#56 Spectropho	2	throughput for Warren
0095.HD84937	10	09:20	09:48:54.9	+13:45:14	300	90	5.0	#56 Spectropho	2	
0096.HD84937	10	09:21	09:48:54.9	+13:45:14	300	90	5.0	#56 Spectropho	2	
0097.HD84937	10	09:21	09:48:54.9	+13:45:14	300	90	5.0	#56 Spectropho	2	
0098.HD84937	10	09:21	09:48:54.9	+13:45:14	300	90	5.0	#56 Spectropho	2	
0099.COMP	6	09:22	09:48:54.9	+13:45:14	300	90	5.0	#56 Spectropho	2	
0100.Feige34	120	09:25	10:39:36.9	+43:06:11	300	90	5.0	#56 Spectropho	2	throughput for Warren
0101.Feige34	120	09:27	10:39:36.9	+43:06:11	300	90	5.0	#56 Spectropho	2	
0102.Feige34	120	09:29	10:39:36.9	+43:06:11	300	90	5.0	#56 Spectropho	2	
0103.Feige34	120	09:31	10:39:36.9	+43:06:11	300	90	5.0	#56 Spectropho	2	
0104.Feige34	120	09:34	10:39:36.9	+43:06:11	300	90	5.0	#56 Spectropho	2	
0105.COMP	6	09:37	10:39:36.9	+43:06:11	300	90	5.0	#56 Spectropho	2	
0106.HD84937	18	09:43	09:48:54.9	+13:45:14	600	90	2.0	#56 Spectropho	4	600L, 2arcsec, tilt=440
0107.COMP	10	09:44	09:48:54.9	+13:45:14	600	90	2.0	#56 Spectropho	4	
0108.Feige34	150	09:45	10:39:36.9	+43:06:11	600	90	2.0	#56 Spectropho	4	

UT Date 2008-01-11 Observers M CalkinsColl. Focus 1280 Grating/Grism 600

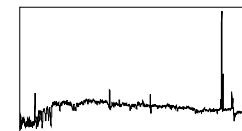
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0109.COMP	10	09:48	10:39:36.9	+43:06:11	600	90	2.0	#56 Spectropho	4	
0110.pg0934p338	1380	09:51	09:37:08.8	+33:34:07	600	90	2.0	#178 Very Low	4	
0111.COMP	10	10:14	09:37:08.8	+33:34:07	600	90	2.0	#178 Very Low	4	
0112.pg1022p050	360	10:16	10:25:00.2	+04:46:10	600	90	2.0	#178 Very Low	4	
0113.COMP	10	10:22	10:25:00.2	+04:46:10	600	90	2.0	#178 Very Low	4	
0114.pg1036p086	1320	10:24	10:39:07.3	+08:18:44	600	90	2.0	#178 Very Low	4	
0115.COMP	10	10:47	10:39:07.3	+08:18:44	600	90	2.0	#178 Very Low	4	
0116.pg1101p364	480	10:49	11:04:32.6	+36:10:49	600	90	2.0	#178 Very Low	4	
0117.COMP	10	10:57	11:04:32.6	+36:10:49	600	90	2.0	#178 Very Low	4	
0118.pg1114p224	1380	10:59	11:17:03.6	+22:06:35	600	90	2.0	#178 Very Low	4	
0119.COMP	10	11:22	11:17:03.6	+22:06:35	600	90	2.0	#178 Very Low	4	
0120.pg1224p309	1260	11:24	12:26:30.8	+30:38:52	600	90	2.0	#178 Very Low	4	
0121.COMP	10	11:45	12:26:30.8	+30:38:52	600	90	2.0	#178 Very Low	4	
0122.pg1229m013	420	11:47	12:31:35.1	-01:32:09	600	90	2.0	#178 Very Low	4	
0123.COMP	10	11:55	12:31:35.1	-01:32:09	600	90	2.0	#178 Very Low	4	
0124-0133.FLAT	45	12:04	12:31:35.1	-01:32:09	600	90	2.0	#178 Very Low	4	
0135.sn2007sr	600	12:32	12:01:52.8	-18:58:22	300	4	3.0	#2 SN Observat	2	combo setup
0136.COMP	12	12:42	12:01:52.8	-18:58:22	300	4	3.0	#2 SN Observat	2	
0137.sn2007sw	1200	12:46	12:13:36.9	+46:29:36	300	-23	3.0	#2 SN Observat	2	
0138.COMP	12	13:06	12:13:36.9	+46:29:36	300	-23	3.0	#2 SN Observat	2	

UT Date 2008-01-11 Observers M CalkinsColl. Focus 1280 Grating/Grism 600

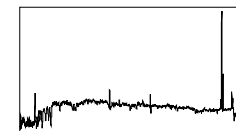
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0139.fmfs303	300	13:08	12:47:29.0	-09:29:06	300	90	3.0	#171 Local Uni	2	
0140.COMP	12	13:14	12:47:29.0	-09:29:06	300	90	3.0	#171 Local Uni	2	
0141.BDp332642	70	13:16	15:52:00.0	+32:56:54	300	90	3.0	#56 Spectropho	2	
0142.COMP	12	13:17	15:52:00.0	+32:56:54	300	90	3.0	#56 Spectropho	2	
0143.N4853	90	13:19	12:58:35.1	+27:35:47	300	90	3.0	#57 Velocity S	2	
0144.COMP	12	13:21	12:58:35.1	+27:35:47	300	90	3.0	#57 Velocity S	2	
0145.N4853	240	13:22	12:58:35.1	+27:35:47	300	90	3.0	#57 Velocity S	2	
0146.COMP	12	13:26	12:58:35.1	+27:35:47	300	90	3.0	#57 Velocity S	2	
0147-0156.BIAS	0	13:29	12:58:35.1	+27:35:47	300	90	3.0	#2 SN Observat	2	
0157-0176.FLAT	25	13:43	12:58:35.1	+27:35:47	300	90	3.0	#2 SN Observat	2	
0177.FLAT	10	13:46	12:58:35.1	+27:35:47	300	90	5.0	#2 SN Observat	2	5arcsec, for throughput frames...
0178-0186.FLAT	10	13:51	12:58:35.1	+27:35:47	300	90	5.0	#2 SN Observat	2	
0187-0191.DARK	900	14:56	12:58:35.1	+27:35:47	300	90	3.0	#2 SN Observat	2	
0192-0196.DARK	900	16:12	12:58:35.1	+27:35:47	300	90	3.0	#2 SN Observat	4	

UT Date 2008-01-12 Observers P BerlindColl. Focus 1280 Grating/Grism 300

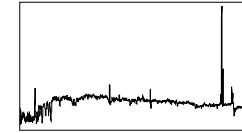
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001-0010.BIAS	0	23:36	23:17:20.6	+31:27:47	300	90	3.0	#2 SN Observat	2	
0011-0025.FLAT	25	23:45	23:17:20.6	+31:27:47	300	90	3.0	#2 SN Observat	2	
0026.sky	3	00:49	00:45:00.0	+32:00:00	300	90	3.0	#57 Velocity S	2	very windy
0027-0030.sky	3	00:50	00:45:00.0	+32:00:00	300	90	3.0	#57 Velocity S	2	
0031.COMP	10	00:50	00:45:00.0	+32:00:00	300	90	3.0	#57 Velocity S	2	
0032.ZAnd	1	01:23	23:33:40.0	+48:49:06	300	90	3.0	#12 Symbiotic	2	
0033.ZAnd	5	01:23	23:33:40.0	+48:49:06	300	90	3.0	#12 Symbiotic	2	
0034.ZAnd	30	01:24	23:33:40.0	+48:49:06	300	90	3.0	#12 Symbiotic	2	
0035.COMP	10	01:25	23:33:40.0	+48:49:06	300	90	3.0	#12 Symbiotic	2	
0036.163m217	360	01:26	00:43:17.6	+41:27:45	300	90	3.0	#57 Velocity S	2	
0037.COMP	10	01:34	00:43:17.6	+41:27:45	300	90	3.0	#57 Velocity S	2	
0038.sn20071e	1800	01:40	23:38:48.4	-06:31:21	300	45	3.0	#2 SN Observat	2	
0039.COMP	10	02:10	23:38:48.4	-06:31:21	300	45	3.0	#2 SN Observat	2	
0040.sn2008A	1800	02:13	01:38:17.4	+35:22:14	300	105	3.0	#2 SN Observat	2	
0041.COMP	10	02:44	01:38:17.4	+35:22:14	300	105	3.0	#2 SN Observat	2	
0042.fmfs082	240	02:46	01:24:19.1	-01:44:35	300	90	3.0	#171 Local Uni	2	
0043.COMP	10	02:50	01:24:19.1	-01:44:35	300	90	3.0	#171 Local Uni	2	
0044.fmfs083	660	02:51	01:24:22.1	-02:43:15	300	90	3.0	#171 Local Uni	2	
0045.COMP	10	03:03	01:24:22.1	-02:43:15	300	90	3.0	#171 Local Uni	2	
0046.fmfs084	240	03:04	01:25:17.9	-01:31:03	300	90	3.0	#171 Local Uni	2	

UT Date 2008-01-12 Observers P BerlindColl. Focus 1280 Grating/Grism 300

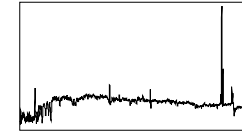
<i>File</i>	<i>Exp Time</i>	<i>UT Start</i>	<i>RA</i>	<i>Dec</i>	<i>Gr.</i>	<i>P.A.</i>	<i>Slit</i>	<i>Program</i>	<i>Bin</i>	<i>Comments</i>
0047.COMP	10	03:08	01:25:17.9	-01:31:03	300	90	3.0	#171 Local Uni	2	
0048.fmfs085	240	03:10	01:25:51.4	-01:19:05	300	90	3.0	#171 Local Uni	2	
0049.COMP	10	03:14	01:25:51.4	-01:19:05	300	90	3.0	#171 Local Uni	2	
0050.fmfs086	720	03:15	01:25:58.4	-01:17:20	300	90	3.0	#171 Local Uni	2	
0051.COMP	10	03:27	01:25:58.4	-01:17:20	300	90	3.0	#171 Local Uni	2	
0052.fmfs087	900	03:28	01:26:11.4	-02:55:41	300	90	3.0	#171 Local Uni	2	
0053.COMP	10	03:44	01:26:11.4	-02:55:41	300	90	3.0	#171 Local Uni	2	
0054.fmfs088	900	03:44	01:27:35.4	-02:49:48	300	90	3.0	#171 Local Uni	2	
0055.COMP	10	04:00	01:27:35.4	-02:49:48	300	90	3.0	#171 Local Uni	2	
0056.fmfs089	300	04:01	01:27:47.3	-02:52:08	300	90	3.0	#171 Local Uni	2	
0057.COMP	10	04:06	01:27:47.3	-02:52:08	300	90	3.0	#171 Local Uni	2	
0058.fmfs094	300	04:08	02:00:08.9	-01:30:44	300	90	3.0	#171 Local Uni	2	
0059.COMP	10	04:13	02:00:08.9	-01:30:44	300	90	3.0	#171 Local Uni	2	
0060.fmfs095	240	04:14	02:00:43.7	-01:41:30	300	90	3.0	#171 Local Uni	2	
0061.COMP	10	04:18	02:00:43.7	-01:41:30	300	90	3.0	#171 Local Uni	2	
0062.fmfs096	720	04:19	02:02:43.8	-01:12:19	300	90	3.0	#171 Local Uni	2	
0063.COMP	10	04:32	02:02:43.8	-01:12:19	300	90	3.0	#171 Local Uni	2	
0064.fmfs097	720	04:32	02:03:17.7	-01:00:05	300	90	3.0	#171 Local Uni	2	
0065.COMP	10	04:45	02:03:17.7	-01:00:05	300	90	3.0	#171 Local Uni	2	
0066.HD19445	10	04:49	03:08:26.3	+26:20:29	300	90	3.0	#56 Spectropho	2	

UT Date 2008-01-12 Observers P BerlindColl. Focus 1280 Grating/Grism 300

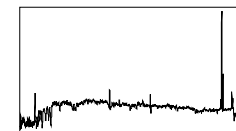
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0067.HD19445	10	04:49	03:08:26.3	+26:20:29	300	90	3.0	#56 Spectropho	2	
0068.HD19445	10	04:49	03:08:26.3	+26:20:29	300	90	3.0	#56 Spectropho	2	
0069.HD19445	10	04:50	03:08:26.3	+26:20:29	300	90	3.0	#56 Spectropho	2	
0070.COMP	10	04:50	03:08:26.3	+26:20:29	300	90	3.0	#56 Spectropho	2	
0071.SDSS0330-0718	1200	04:54	03:30:01.6	-07:18:28	300	28	3.0	#165 Quasar Br	2	
0072.COMP	10	05:14	03:30:01.6	-07:18:28	300	28	3.0	#165 Quasar Br	2	
0073.SDSS0737+3844	1200	05:17	07:37:40.0	+38:44:13	300	85	3.0	#165 Quasar Br	2	
0074.COMP	10	05:38	07:37:40.0	+38:44:13	300	85	3.0	#165 Quasar Br	2	
0075.SDSS0737+3844	1200	05:39	07:37:40.0	+38:44:13	300	81	3.0	#165 Quasar Br	2	
0076.COMP	10	05:59	07:37:40.0	+38:44:13	300	81	3.0	#165 Quasar Br	2	
0077.SDSS0737+3844	1200	06:00	07:37:40.0	+38:44:13	300	77	3.0	#165 Quasar Br	2	
0078.COMP	10	06:21	07:37:40.0	+38:44:13	300	77	3.0	#165 Quasar Br	2	
0079.SDSS0803+3022	1200	06:24	08:03:42.0	+30:22:55	300	95	3.0	#165 Quasar Br	2	
0080.COMP	10	06:45	08:03:42.0	+30:22:55	300	95	3.0	#165 Quasar Br	2	
0081.SDSS0845+3420	1200	07:08	08:45:38.7	+34:20:44	300	90	3.0	#165 Quasar Br	2	
0082.COMP	10	07:29	08:45:38.7	+34:20:44	300	90	3.0	#165 Quasar Br	2	
0083.SDSS0845+3420	1200	07:29	08:45:38.7	+34:20:44	300	84	3.0	#165 Quasar Br	2	
0084.COMP	10	07:50	08:45:38.7	+34:20:44	300	84	3.0	#165 Quasar Br	2	
0085.SDSS0845+3420	1200	07:51	08:45:38.7	+34:20:44	300	72	3.0	#165 Quasar Br	2	
0086.COMP	10	08:11	08:45:38.7	+34:20:44	300	72	3.0	#165 Quasar Br	2	

UT Date 2008-01-12 Observers P BerlindColl. Focus 1280 Grating/Grism 300

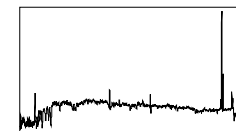
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0087.SDSSJ0812+0545	1500	08:14	08:12:41.3	+05:45:40	300	10	3.0	#181 Populatio	2	
0088.COMP	10	08:40	08:12:41.3	+05:45:40	300	10	3.0	#181 Populatio	2	
0089.SDSSJ0826+1118	1500	08:43	08:26:59.8	+11:18:45	300	16	3.0	#181 Populatio	2	
0090.COMP	10	09:08	08:26:59.8	+11:18:45	300	16	3.0	#181 Populatio	2	
0091.SDSSJ0846+0142	1217	09:11	08:46:28.7	+01:42:17	300	16	3.0	#181 Populatio	2	stopped short by fast moving thin clouds, ok
0092.COMP	10	09:32	08:46:28.7	+01:42:17	300	16	3.0	#181 Populatio	2	
0093.sn2008D	1800	09:37	09:09:30.6	+33:08:18	300	86	3.0	#2 SN Observat	2	
0094.COMP	10	10:08	09:09:30.6	+33:08:18	300	86	3.0	#2 SN Observat	2	
0095.sn2008D	318	10:09	09:09:30.6	+33:08:18	300	86	3.0	#2 SN Observat	2	stopped short by clouds
0096.COMP	10	10:15	09:09:30.6	+33:08:18	300	86	3.0	#2 SN Observat	2	
0097.HD84937	30	10:19	09:48:54.9	+13:45:14	300	20	3.0	#56 Spectropho	2	
0098.HD84937	30	10:19	09:48:54.9	+13:45:14	300	20	3.0	#56 Spectropho	2	
0099.HD84937	30	10:20	09:48:54.9	+13:45:14	300	20	3.0	#56 Spectropho	2	
0100.COMP	10	10:21	09:48:54.9	+13:45:14	300	20	3.0	#56 Spectropho	2	
0101.Feige34	180	10:23	10:39:36.9	+43:06:11	300	20	3.0	#56 Spectropho	2	
0102.Feige34	180	10:26	10:39:36.9	+43:06:11	300	20	3.0	#56 Spectropho	2	
0103.COMP	10	10:29	10:39:36.9	+43:06:11	300	20	3.0	#56 Spectropho	2	
0104.sn2008D	1800	10:34	09:09:30.6	+33:08:18	300	85	3.0	#2 SN Observat	2	
0105.COMP	10	11:04	09:09:30.6	+33:08:18	300	85	3.0	#2 SN Observat	2	
0106.SDSSJ1011-0212	1800	11:08	10:11:36.2	-02:12:15	300	26	3.0	#181 Populatio	2	

UT Date 2008-01-12 Observers P BerlindColl. Focus 1280 Grating/Grism 300

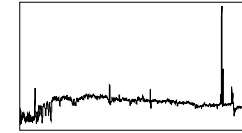
<i>File</i>	<i>Exp Time</i>	<i>UT Start</i>	<i>RA</i>	<i>Dec</i>	<i>Gr.</i>	<i>P.A.</i>	<i>Slit</i>	<i>Program</i>	<i>Bin</i>	<i>Comments</i>
0107.COMP	10	11:38	10:11:36.2	-02:12:15	300	26	3.0	#181 Populatio	2	
0108.SDSSJ1040+0217	1800	11:40	10:40:32.7	+02:17:30	300	26	3.0	#181 Populatio	2	
0109.COMP	10	12:11	10:40:32.7	+02:17:30	300	26	3.0	#181 Populatio	2	
0110.SDSSJ1057-0230	1800	12:15	10:57:59.3	-02:30:02	300	26	3.0	#181 Populatio	2	
0111.COMP	10	12:45	10:57:59.3	-02:30:02	300	26	3.0	#181 Populatio	2	
0112.AMCVn	300	12:47	12:34:54.6	+37:37:43	300	0	3.0	#181 Populatio	2	
0113.COMP	10	12:52	12:34:54.6	+37:37:43	300	0	3.0	#181 Populatio	2	
0114.CRBoo	300	12:54	13:48:55.3	+07:57:35	300	0	3.0	#181 Populatio	2	
0115.COMP	10	12:59	13:48:55.3	+07:57:35	300	0	3.0	#181 Populatio	2	
0116.fmfs304	360	13:01	12:47:32.6	-07:52:56	300	0	3.0	#171 Local Uni	2	
0117.COMP	10	13:07	12:47:32.6	-07:52:56	300	0	3.0	#171 Local Uni	2	
0118.fmfs305	360	13:08	12:47:48.3	-09:38:29	300	0	3.0	#171 Local Uni	2	
0119.COMP	10	13:14	12:47:48.3	-09:38:29	300	0	3.0	#171 Local Uni	2	
0120.fmfs306	300	13:15	12:47:50.9	-08:28:16	300	0	3.0	#171 Local Uni	2	
0121.COMP	10	13:21	12:49:30.3	-10:53:44	300	0	3.0	#171 Local Uni	2	
0122-0131.BIAS	0	13:26	12:49:30.3	-10:53:44	300	90	3.0	#56 Spectropho	2	
0132-0146.FLAT	25	13:35	12:49:30.3	-10:53:44	300	90	3.0	#56 Spectropho	2	
0147-0151.DARK	900	14:45	12:49:30.3	-10:53:44	300	90	3.0	#56 Spectropho	2	

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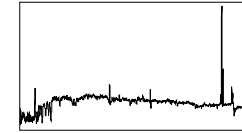
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0001-0005.DARK	900	00:13	12:49:30.3	-10:53:44	300	90	3.0	#56 Spectropho	2	
0006-0015.BIAS	0	00:32	12:49:30.3	-10:53:44	300	90	3.0	#56 Spectropho	2	
0016-0030.FLAT	25	00:41	12:49:30.3	-10:53:44	300	90	3.0	#56 Spectropho	2	
0031.sky	3	00:53	00:45:00.0	+32:00:00	300	90	3.0	#57 Velocity S	2	various thin clouds tonight
0032-0035.sky	3	00:54	00:45:00.0	+32:00:00	300	90	3.0	#57 Velocity S	2	
0036.COMP	10	00:55	00:45:00.0	+32:00:00	300	90	3.0	#57 Velocity S	2	
0037.ZAnd	1	01:14	23:33:40.0	+48:49:06	300	90	3.0	#12 Symbiotic	2	
0038.ZAnd	5	01:14	23:33:40.0	+48:49:06	300	90	3.0	#12 Symbiotic	2	
0039.ZAnd	30	01:15	23:33:40.0	+48:49:06	300	90	3.0	#12 Symbiotic	2	
0040.COMP	10	01:16	23:33:40.0	+48:49:06	300	90	3.0	#12 Symbiotic	2	
0041.EGAnd	1	01:17	00:44:37.0	+40:40:47	300	90	3.0	#12 Symbiotic	2	
0042.EGAnd	5	01:17	00:44:37.0	+40:40:47	300	90	3.0	#12 Symbiotic	2	
0043.EGAnd	5	01:18	00:44:37.0	+40:40:47	300	90	3.0	#12 Symbiotic	2	
0044.COMP	10	01:19	00:44:37.0	+40:40:47	300	90	3.0	#12 Symbiotic	2	
0045.AXPer	4	01:20	01:36:23.0	+54:15:03	300	90	3.0	#12 Symbiotic	2	
0046.AXPer	10	01:20	01:36:23.0	+54:15:03	300	90	3.0	#12 Symbiotic	2	
0047.AXPer	45	01:21	01:36:23.0	+54:15:03	300	90	3.0	#12 Symbiotic	2	
0048.AXPer	90	01:22	01:36:23.0	+54:15:03	300	90	3.0	#12 Symbiotic	2	
0049.COMP	10	01:24	01:36:23.0	+54:15:03	300	90	3.0	#12 Symbiotic	2	
0050.01504945+0403169	300	01:31	01:50:49.4	+04:03:17	300	0	3.0	#141 Mapping t	2	

UT Date 2008-01-13 Observers P BerlindColl. Focus 1280 Grating/Grism 300

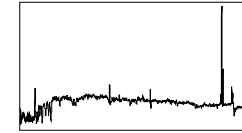
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0051.COMP	10	01:36	01:50:49.4	+04:03:17	300	0	3.0	#141 Mapping t	2	
0052.01375252+0346312	240	01:37	01:37:52.5	+03:46:31	300	0	3.0	#141 Mapping t	2	
0053.COMP	10	01:41	01:37:52.5	+03:46:31	300	0	3.0	#141 Mapping t	2	
0054.01370203+0430589	240	01:42	01:37:02.0	+04:30:59	300	0	3.0	#141 Mapping t	2	
0055.COMP	10	01:47	01:37:02.0	+04:30:59	300	0	3.0	#141 Mapping t	2	
0056.01363829-1352538	240	01:48	01:36:38.3	-13:52:54	300	0	3.0	#141 Mapping t	2	
0057.COMP	10	01:52	01:36:38.3	-13:52:54	300	0	3.0	#141 Mapping t	2	
0058.01362301-1237278	240	01:53	01:36:23.0	-12:37:28	300	0	3.0	#141 Mapping t	2	
0059.COMP	10	01:57	01:36:23.0	-12:37:28	300	0	3.0	#141 Mapping t	2	
0060.01291837-1316471	240	01:58	01:29:18.4	-13:16:47	300	0	3.0	#141 Mapping t	2	
0061.COMP	10	02:02	01:29:18.4	-13:16:47	300	0	3.0	#141 Mapping t	2	
0062.fmfs091	480	02:04	01:28:52.7	-02:13:31	300	0	3.0	#171 Local Uni	2	
0063.COMP	10	02:13	01:28:52.7	-02:13:31	300	0	3.0	#171 Local Uni	2	
0064.fmfs092	360	02:14	01:31:05.0	-01:50:43	300	0	3.0	#171 Local Uni	2	
0065.COMP	10	02:20	01:31:05.0	-01:50:43	300	0	3.0	#171 Local Uni	2	
0066.fmfs093	900	02:21	01:35:38.6	-08:38:51	300	0	3.0	#171 Local Uni	2	
0067.COMP	10	02:37	01:35:38.6	-08:38:51	300	0	3.0	#171 Local Uni	2	
0068.fmfs090	674	02:38	01:28:07.4	-02:45:54	300	0	3.0	#171 Local Uni	2	
0069.COMP	10	02:50	01:28:07.4	-02:45:54	300	0	3.0	#171 Local Uni	2	
0070.sn2008A	1800	02:53	01:38:17.4	+35:22:14	300	94	3.0	#2 SN Observat	2	

UT Date 2008-01-13 Observers P BerlindColl. Focus 1280 Grating/Grism 300

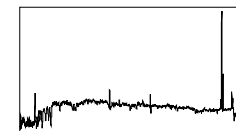
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0071.COMP	10	03:24	01:38:17.4	+35:22:14	300	94	3.0	#2 SN Observat	2	
0072.HD19445	10	03:25	03:08:26.3	+26:20:29	300	90	3.0	#56 Spectropho	2	
0073.HD19445	10	03:25	03:08:26.3	+26:20:29	300	90	3.0	#56 Spectropho	2	
0074.HD19445	10	03:26	03:08:26.3	+26:20:29	300	90	3.0	#56 Spectropho	2	
0075.HD19445	10	03:26	03:08:26.3	+26:20:29	300	90	3.0	#56 Spectropho	2	
0076.COMP	10	03:27	03:08:26.3	+26:20:29	300	90	3.0	#56 Spectropho	2	
0077.LSIP61303	30	03:37	02:40:31.6	+61:13:46	300	1	3.0	#6 AGN Monitor	2	
0078.LSIP61303	30	03:38	02:40:31.6	+61:13:46	300	1	3.0	#6 AGN Monitor	2	
0079.COMP	10	03:39	02:40:31.6	+61:13:46	300	1	3.0	#6 AGN Monitor	2	
0080.SDSS0330-0718	1200	03:42	03:30:01.6	-07:18:28	300	10	3.0	#165 Quasar Br	2	
0081.COMP	10	04:03	03:30:01.6	-07:18:28	300	10	3.0	#165 Quasar Br	2	
0082.01351453+2616279	240	04:06	01:35:14.5	+26:16:28	300	90	3.0	#141 Mapping t	2	
0083.COMP	10	04:11	01:35:14.5	+26:16:28	300	90	3.0	#141 Mapping t	2	
0084.01395634+2307167	240	04:12	01:39:56.3	+23:07:17	300	90	3.0	#141 Mapping t	2	
0085.COMP	10	04:16	01:39:56.3	+23:07:17	300	90	3.0	#141 Mapping t	2	
0086.01411221+2241197	270	04:17	01:41:12.2	+22:41:20	300	90	3.0	#141 Mapping t	2	
0087.COMP	10	04:22	01:41:12.2	+22:41:20	300	90	3.0	#141 Mapping t	2	
0088.01432171+2154499	240	04:23	01:43:21.7	+21:54:50	300	90	3.0	#141 Mapping t	2	
0089.COMP	10	04:27	01:43:21.7	+21:54:50	300	90	3.0	#141 Mapping t	2	
0090.01493401+2244337	240	04:28	01:49:34.0	+22:44:34	300	90	3.0	#141 Mapping t	2	

UT Date 2008-01-13 Observers P BerlindColl. Focus 1280 Grating/Grism 300

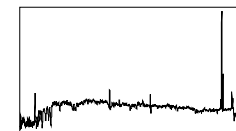
<i>File</i>	<i>Exp Time</i>	<i>UT Start</i>	<i>RA</i>	<i>Dec</i>	<i>Gr.</i>	<i>P.A.</i>	<i>Slit</i>	<i>Program</i>	<i>Bin</i>	<i>Comments</i>
0091.COMP	10	04:33	01:49:34.0	+22:44:34	300	90	3.0	#141 Mapping t	2	
0092.01503344+2802570	240	04:34	01:50:33.4	+28:02:57	300	90	3.0	#141 Mapping t	2	
0093.COMP	10	04:38	01:50:33.4	+28:02:57	300	90	3.0	#141 Mapping t	2	
0094.01514092+2500476	300	04:39	01:51:40.9	+25:00:48	300	90	3.0	#141 Mapping t	2	
0095.COMP	10	04:45	01:51:40.9	+25:00:48	300	90	3.0	#141 Mapping t	2	
0096.01541389+2539372	300	04:45	01:54:13.9	+25:39:37	300	90	3.0	#141 Mapping t	2	
0097.COMP	10	04:51	01:54:13.9	+25:39:37	300	90	3.0	#141 Mapping t	2	
0098.01554309+3354299	240	04:52	01:55:43.1	+33:54:30	300	90	3.0	#141 Mapping t	2	
0099.COMP	10	04:56	01:55:43.1	+33:54:30	300	90	3.0	#141 Mapping t	2	
0100.01564132+3757402	300	04:57	01:56:41.3	+37:57:40	300	90	3.0	#141 Mapping t	2	
0101.COMP	10	05:02	01:56:41.3	+37:57:40	300	90	3.0	#141 Mapping t	2	
0102.01531572+4918324	300	05:03	01:53:15.7	+49:18:32	300	90	3.0	#141 Mapping t	2	
0103.COMP	10	05:09	01:53:15.7	+49:18:32	300	90	3.0	#141 Mapping t	2	
0104.SDSS0737+3844	1200	05:12	07:37:40.0	+38:44:13	300	93	3.0	#165 Quasar Br	2	
0105.COMP	10	05:33	07:37:40.0	+38:44:13	300	93	3.0	#165 Quasar Br	2	
0106.SDSS0737+3844	1200	05:34	07:37:40.0	+38:44:13	300	81	3.0	#165 Quasar Br	2	
0107.COMP	10	05:54	07:37:40.0	+38:44:13	300	81	3.0	#165 Quasar Br	2	
0108.SDSS0737+3844	1200	05:56	07:37:40.0	+38:44:13	300	76	3.0	#165 Quasar Br	2	
0109.COMP	10	06:17	07:37:40.0	+38:44:13	300	76	3.0	#165 Quasar Br	2	
0110.sn2008C	1200	06:21	06:57:11.5	+20:26:14	300	-10	3.0	#2 SN Observat	2	

UT Date 2008-01-13 Observers P BerlindColl. Focus 1280 Grating/Grism 300

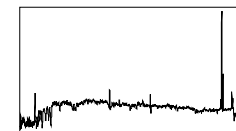
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0111.COMP	10	06:41	06:57:11.5	+20:26:14	300	-10	3.0	#2 SN Observat	2	
0112.SDSS0803+3022	1200	06:45	08:03:42.0	+30:22:55	300	100	3.0	#165 Quasar Br	2	
0113.COMP	10	07:05	08:03:42.0	+30:22:55	300	100	3.0	#165 Quasar Br	2	
0114.SDSS0845+3420	1200	07:08	08:45:38.7	+34:20:44	300	88	3.0	#165 Quasar Br	2	
0115.COMP	10	07:28	08:45:38.7	+34:20:44	300	88	3.0	#165 Quasar Br	2	
0116.SDSS0845+3420	1200	07:30	08:45:38.7	+34:20:44	300	83	3.0	#165 Quasar Br	2	
0117.COMP	10	07:50	08:45:38.7	+34:20:44	300	83	3.0	#165 Quasar Br	2	
0118.SDSS0845+3420	1200	07:52	08:45:38.7	+34:20:44	300	75	3.0	#165 Quasar Br	2	clear
0119.COMP	10	08:12	08:45:38.7	+34:20:44	300	75	3.0	#165 Quasar Br	2	
0120.sn2007uy	1800	08:14	09:09:35.4	+33:07:10	300	75	3.0	#2 SN Observat	2	
0121.COMP	10	08:45	09:09:35.4	+33:07:10	300	75	3.0	#2 SN Observat	2	
0123.pg1022p050	360	08:50	10:25:00.2	+04:46:10	600	90	2.0	#178 Very Low	2	oops binby2
0124.COMP	15	08:57	10:25:00.2	+04:46:10	600	90	2.0	#178 Very Low	2	600gpm, 440, 2-sec, Warren
0125.pg1101p364	480	08:58	11:04:32.6	+36:10:49	600	90	2.0	#178 Very Low	4	
0126.COMP	10	09:06	11:04:32.6	+36:10:49	600	90	2.0	#178 Very Low	4	
0127.pg1114p224	1380	09:08	11:17:03.6	+22:06:35	600	90	2.0	#178 Very Low	4	
0128.COMP	10	09:31	11:17:03.6	+22:06:35	600	90	2.0	#178 Very Low	4	
0129.pg1114p224	1380	09:32	11:17:03.6	+22:06:35	600	90	2.0	#178 Very Low	4	
0130.COMP	10	09:55	11:17:03.6	+22:06:35	600	90	2.0	#178 Very Low	4	
0131.pg1101p364	480	09:57	11:04:32.6	+36:10:49	600	90	2.0	#178 Very Low	4	

UT Date 2008-01-13 Observers P BerlindColl. Focus 1280 Grating/Grism 300

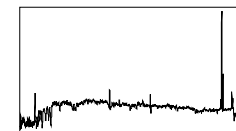
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0132.COMP	10	10:05	11:04:32.6	+36:10:49	600	90	2.0	#178 Very Low	4	
0133.pg1101p364	480	10:06	11:04:32.6	+36:10:49	600	90	2.0	#178 Very Low	4	
0134.COMP	10	10:14	11:04:32.6	+36:10:49	600	90	2.0	#178 Very Low	4	
0135.pg1114p224	1380	10:15	11:17:03.6	+22:06:35	600	90	2.0	#178 Very Low	4	
0136.COMP	10	10:39	11:17:03.6	+22:06:35	600	90	2.0	#178 Very Low	4	
0137.pg1114p224	1380	10:39	11:17:03.6	+22:06:35	600	90	2.0	#178 Very Low	4	
0138.COMP	10	11:03	11:17:03.6	+22:06:35	600	90	2.0	#178 Very Low	4	
0139.pg1101p364	480	11:04	11:04:32.6	+36:10:49	600	90	2.0	#178 Very Low	4	
0140.COMP	10	11:12	11:04:32.6	+36:10:49	600	90	2.0	#178 Very Low	4	
0141.pg1114p224	1380	11:13	11:17:03.6	+22:06:35	600	90	2.0	#178 Very Low	4	
0142.COMP	10	11:37	11:17:03.6	+22:06:35	600	90	2.0	#178 Very Low	4	
0143.pg1101p364	480	11:38	11:04:32.6	+36:10:49	600	90	2.0	#178 Very Low	4	
0144.COMP	10	11:46	11:04:32.6	+36:10:49	600	90	2.0	#178 Very Low	4	
0145.pg1101p364	480	11:47	11:04:32.6	+36:10:49	600	90	2.0	#178 Very Low	4	
0146.COMP	10	11:55	11:04:32.6	+36:10:49	600	90	2.0	#178 Very Low	4	
0147.pg1114p224	1380	11:57	11:17:03.6	+22:06:35	600	90	2.0	#178 Very Low	4	
0148.COMP	10	12:20	11:17:03.6	+22:06:35	600	90	2.0	#178 Very Low	4	
0149.pg1101p364	480	12:21	11:04:32.6	+36:10:49	600	90	2.0	#178 Very Low	4	
0150.COMP	10	12:29	11:04:32.6	+36:10:49	600	90	2.0	#178 Very Low	4	
0151.pg1229m013	420	12:31	12:31:35.1	-01:32:09	600	90	2.0	#178 Very Low	4	

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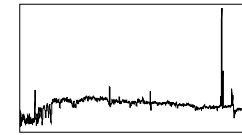
<i>File</i>	<i>Exp Time</i>	<i>UT Start</i>	<i>RA</i>	<i>Dec</i>	<i>Gr.</i>	<i>P.A.</i>	<i>Slit</i>	<i>Program</i>	<i>Bin</i>	<i>Comments</i>
0152.COMP	10	12:38	12:31:35.1	-01:32:09	600	90	2.0	#178 Very Low	4	
0153.pg1022p050	360	12:39	10:25:00.2	+04:46:10	600	90	2.0	#178 Very Low	4	
0154.COMP	10	12:46	10:25:00.2	+04:46:10	600	90	2.0	#178 Very Low	4	
0155-0164.FLAT	45	12:55	13:30:00.0	+32:00:00	600	90	2.0	#178 Very Low	4	
0165.test	5	12:59	13:30:00.0	+32:00:00	300	90	5.0	#178 Very Low	2	
0166.BDp262606	60	13:01	14:49:02.4	+25:42:09	300	90	5.0	#56 Spectropho	2	5-sec slit, 300gpm, combo
0167.BDp262606	60	13:02	14:49:02.4	+25:42:09	300	90	5.0	#56 Spectropho	2	
0168.BDp262606	60	13:04	14:49:02.4	+25:42:09	300	90	5.0	#56 Spectropho	2	
0169.BDp262606	60	13:05	14:49:02.4	+25:42:09	300	90	5.0	#56 Spectropho	2	
0170.COMP	7	13:06	14:49:02.4	+25:42:09	300	90	5.0	#56 Spectropho	2	
0171.Feige66	60	13:07	12:37:23.5	+25:04:01	300	90	5.0	#56 Spectropho	2	
0172.Feige66	60	13:09	12:37:23.5	+25:04:01	300	90	5.0	#56 Spectropho	2	
0173.Feige66	60	13:10	12:37:23.5	+25:04:01	300	90	5.0	#56 Spectropho	2	
0174.Feige66	60	13:11	12:37:23.5	+25:04:01	300	90	5.0	#56 Spectropho	2	
0175.Feige66	60	13:13	12:37:23.5	+25:04:01	300	90	5.0	#56 Spectropho	2	
0176.Feige66	60	13:14	12:37:23.5	+25:04:01	300	90	5.0	#56 Spectropho	2	
0177.Feige66	60	13:15	12:37:23.5	+25:04:01	300	90	5.0	#56 Spectropho	2	
0178.Feige66	60	13:17	12:37:23.5	+25:04:01	300	90	5.0	#56 Spectropho	2	
0179.COMP	7	13:18	12:37:23.5	+25:04:01	300	90	5.0	#56 Spectropho	2	
0180-0189.BIAS	0	13:20	12:37:23.5	+25:04:01	300	90	5.0	#56 Spectropho	4	

UT Date 2008-01-13 Observers P BerlindColl. Focus 1280 Grating/Grism 300

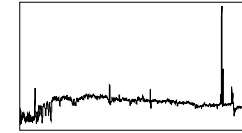
<i>File</i>	<i>Exp Time</i>	<i>UT Start</i>	<i>RA</i>	<i>Dec</i>	<i>Gr.</i>	<i>P.A.</i>	<i>Slit</i>	<i>Program</i>	<i>Bin</i>	<i>Comments</i>
0190-0199.BIAS	0	13:22	12:37:23.5	+25:04:01	300	90	5.0	#56 Spectropho	2	
0200.FLAT	12	13:24	12:37:23.5	+25:04:01	300	90	5.0	#56 Spectropho	2	5-sec
0201-0209.FLAT	12	13:28	12:37:23.5	+25:04:01	300	90	5.0	#56 Spectropho	2	
0210-0219.BIAS	0	13:41	12:37:23.5	+25:04:01	300	90	3.0	#56 Spectropho	4	
0220-0224.DARK	900	14:43	12:37:23.5	+25:04:01	300	90	3.0	#56 Spectropho	2	
0225-0229.DARK	900	15:59	12:37:23.5	+25:04:01	300	90	3.0	#56 Spectropho	4	

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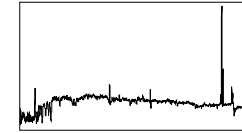
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001-0005.DARK	900	23:52	12:37:23.5	+25:04:01	300	90	3.0	#56 Spectropho	2	
0006-0007.DARK	900	00:23	12:37:23.5	+25:04:01	300	90	3.0	#56 Spectropho	4	
0008-0020.BIAS	0	00:40	12:37:23.5	+25:04:01	300	90	3.0	#56 Spectropho	2	
0021-0035.FLAT	25	00:50	12:37:23.5	+25:04:01	300	90	3.0	#56 Spectropho	2	
0036-0040.sky	3	00:55	00:45:00.0	+32:00:00	300	90	3.0	#57 Velocity S	2	
0041.COMP	10	00:55	00:45:00.0	+32:00:00	300	90	3.0	#57 Velocity S	2	
0042.ZAnd	1	01:21	23:33:40.0	+48:49:06	300	90	3.0	#12 Symbiotic	2	
0043.ZAnd	2	01:22	23:33:40.0	+48:49:06	300	90	3.0	#12 Symbiotic	2	
0044.ZAnd	6	01:22	23:33:40.0	+48:49:06	300	90	3.0	#12 Symbiotic	2	
0045.ZAnd	40	01:22	23:33:40.0	+48:49:06	300	90	3.0	#12 Symbiotic	2	
0046.COMP	10	01:23	23:33:40.0	+48:49:06	300	90	3.0	#12 Symbiotic	2	
0047.01272510+4204134	240	01:26	01:27:25.1	+42:04:13	300	90	3.0	#141 Mapping t	2	bright sky, ok
0048.COMP	10	01:31	01:27:25.1	+42:04:13	300	90	3.0	#141 Mapping t	2	
0049.01294198+4406064	240	01:32	01:29:42.0	+44:06:06	300	80	3.0	#141 Mapping t	2	
0050.COMP	10	01:36	01:29:42.0	+44:06:06	300	80	3.0	#141 Mapping t	2	
0051.01095582+4018579	240	01:37	01:09:55.8	+40:18:58	300	80	3.0	#141 Mapping t	2	
0052.COMP	10	01:42	01:09:55.8	+40:18:58	300	80	3.0	#141 Mapping t	2	
0053.01113998+4055590	210	01:44	01:11:40.0	+40:55:59	300	80	3.0	#141 Mapping t	2	
0054.COMP	10	01:47	01:11:40.0	+40:55:59	300	80	3.0	#141 Mapping t	2	
0055.01120847+4655127	240	01:49	01:12:08.5	+46:55:13	300	80	3.0	#141 Mapping t	2	

UT Date 2008-01-14 Observers P BerlindColl. Focus 1280 Grating/Grism 300

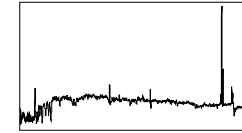
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0056.COMP	10	01:53	01:12:08.5	+46:55:13	300	80	3.0	#141 Mapping t	2	
0057.01142102+4339403	210	01:54	01:14:21.0	+43:39:40	300	80	3.0	#141 Mapping t	2	
0058.COMP	10	01:58	01:14:21.0	+43:39:40	300	80	3.0	#141 Mapping t	2	
0059.01131487+4939094	330	01:59	01:13:14.9	+49:39:09	300	80	3.0	#141 Mapping t	2	
0060.COMP	10	02:05	01:13:14.9	+49:39:09	300	80	3.0	#141 Mapping t	2	
0061.01095312+5051233	331	02:07	01:09:53.1	+50:51:23	300	80	3.0	#141 Mapping t	2	
0062.COMP	10	02:14	01:09:53.1	+50:51:23	300	80	3.0	#141 Mapping t	2	
0063.01310193+4903364	300	02:15	01:31:02.8	+49:03:34	300	70	3.0	#141 Mapping t	2	
0064.COMP	10	02:20	01:31:02.8	+49:03:34	300	70	3.0	#141 Mapping t	2	
0065.01391040+4829434	210	02:21	01:39:10.4	+48:29:43	300	70	3.0	#141 Mapping t	2	
0066.COMP	10	02:25	01:39:10.4	+48:29:43	300	70	3.0	#141 Mapping t	2	
0067.01321142+4626515	210	02:26	01:32:11.4	+46:26:52	300	70	3.0	#141 Mapping t	2	
0068.COMP	10	02:29	01:32:11.4	+46:26:52	300	70	3.0	#141 Mapping t	2	
0069.sn2008A	1800	02:31	01:38:17.4	+35:22:14	300	97	3.0	#2 SN Observat	2	
0070.COMP	10	03:02	01:38:17.4	+35:22:14	300	97	3.0	#2 SN Observat	2	
0073.sn2008F	1800	03:16	02:54:55.1	-06:21:57	300	11	3.0	#2 SN Observat	2	
0074.COMP	10	03:47	02:54:55.1	-06:21:57	300	11	3.0	#2 SN Observat	2	
0076.sn2008G	1800	03:56	03:45:46.0	+46:40:06	300	-10	3.0	#2 SN Observat	2	
0077.COMP	10	04:27	03:45:46.0	+46:40:06	300	-10	3.0	#2 SN Observat	2	
0078.HD19445	12	04:29	03:08:26.3	+26:20:29	300	70	3.0	#56 Spectropho	2	

UT Date 2008-01-14 Observers P BerlindColl. Focus 1280 Grating/Grism 300

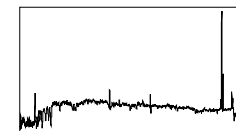
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0079.HD19445	12	04:30	03:08:26.3	+26:20:29	300	70	3.0	#56 Spectropho	2	
0080.HD19445	12	04:30	03:08:26.3	+26:20:29	300	70	3.0	#56 Spectropho	2	
0081.COMP	10	04:31	03:08:26.3	+26:20:29	300	70	3.0	#56 Spectropho	2	
0082.hxPer421	360	04:34	02:20:59.2	+56:53:26	300	90	3.0	#170 h & chi P	2	
0083.COMP	10	04:40	02:20:59.2	+56:53:26	300	90	3.0	#170 h & chi P	2	
0084.hxPer422	360	04:41	02:20:00.8	+57:27:15	300	90	3.0	#170 h & chi P	2	
0085.COMP	10	04:47	02:20:00.8	+57:27:15	300	90	3.0	#170 h & chi P	2	
0086.hxPer423	360	04:48	02:23:37.6	+57:20:48	300	90	3.0	#170 h & chi P	2	
0087.COMP	10	04:54	02:23:37.6	+57:20:48	300	90	3.0	#170 h & chi P	2	
0088.hxPer424	360	04:55	02:20:42.6	+56:55:21	300	90	3.0	#170 h & chi P	2	clouds moving in
0089.COMP	10	05:02	02:20:42.6	+56:55:21	300	90	3.0	#170 h & chi P	2	
0090.hxPer425	360	05:03	02:17:17.8	+56:46:36	300	90	3.0	#170 h & chi P	2	
0091.COMP	10	05:09	02:17:17.8	+56:46:36	300	90	3.0	#170 h & chi P	2	
0092.hxPer426	360	05:10	02:20:07.7	+57:31:36	300	90	3.0	#170 h & chi P	2	
0093.COMP	10	05:17	02:20:07.7	+57:31:36	300	90	3.0	#170 h & chi P	2	
0094.hxPer427	420	05:18	02:20:44.0	+56:57:06	300	90	3.0	#170 h & chi P	2	
0095.COMP	10	05:25	02:20:44.0	+56:57:06	300	90	3.0	#170 h & chi P	2	
0096.hxPer428	170	05:26	02:20:35.6	+57:05:18	300	90	3.0	#170 h & chi P	2	closed, clouds
0097.COMP	10	05:35	02:20:35.6	+57:05:18	300	90	3.0	#170 h & chi P	2	
0098.04183784+3211207	723	06:09	04:18:37.8	+32:11:21	300	90	3.0	#141 Mapping t	2	

UT Date 2008-01-14 Observers P BerlindColl. Focus 1280 Grating/Grism 300

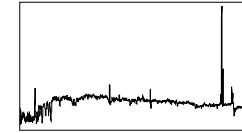
<i>File</i>	<i>Exp Time</i>	<i>UT Start</i>	<i>RA</i>	<i>Dec</i>	<i>Gr.</i>	<i>P.A.</i>	<i>Slit</i>	<i>Program</i>	<i>Bin</i>	<i>Comments</i>
0099.COMP	10	06:22	04:18:37.8	+32:11:21	300	90	3.0	#141 Mapping t	2	
0100.04170738+3543192	900	06:23	04:17:07.4	+35:43:19	300	90	3.0	#141 Mapping t	2	
0101.COMP	10	06:39	04:17:07.4	+35:43:19	300	90	3.0	#141 Mapping t	2	
0102.04154711+3300105	900	06:40	04:15:47.1	+33:00:10	300	90	3.0	#141 Mapping t	2	
0103.COMP	10	06:55	04:15:47.1	+33:00:10	300	90	3.0	#141 Mapping t	2	
0104.04133376+3511589	440	06:57	04:13:33.8	+35:11:59	300	90	3.0	#141 Mapping t	2	
0105.COMP	10	07:05	04:13:33.8	+35:11:59	300	90	3.0	#141 Mapping t	2	
0106.04130993+2619284	360	07:06	04:13:09.9	+26:19:28	300	90	3.0	#141 Mapping t	2	
0107.COMP	10	07:12	04:13:09.9	+26:19:28	300	90	3.0	#141 Mapping t	2	
0108.04213209+3505068	900	07:14	04:21:32.1	+35:05:07	300	90	3.0	#141 Mapping t	2	windy
0109.COMP	10	07:29	04:21:32.1	+35:05:07	300	90	3.0	#141 Mapping t	2	
0110.04392842+1920548	900	07:31	04:39:28.4	+19:20:55	300	90	3.0	#141 Mapping t	2	
0111.COMP	10	07:46	04:39:28.4	+19:20:55	300	90	3.0	#141 Mapping t	2	
0112.04415569+2229570	600	07:47	04:41:55.7	+22:29:57	300	90	3.0	#141 Mapping t	2	
0113.COMP	10	07:57	04:41:55.7	+22:29:57	300	90	3.0	#141 Mapping t	2	
0114.04410143+2303577	720	07:58	04:41:01.4	+23:03:58	300	90	3.0	#141 Mapping t	2	
0115.COMP	10	08:11	04:41:01.4	+23:03:58	300	90	3.0	#141 Mapping t	2	
0116.cirs3fastf008	240	08:13	08:17:52.0	+04:42:38	300	90	3.0	#172 SDSS Clus	2	
0117.COMP	10	08:17	08:17:52.0	+04:42:38	300	90	3.0	#172 SDSS Clus	2	
0118.cirs3fastf010	900	08:18	08:18:13.2	+04:45:58	300	90	3.0	#172 SDSS Clus	2	

UT Date 2008-01-14 Observers P BerlindColl. Focus 1280 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>
0119.COMP	10	08:34	08:18:13.2	+04:45:58	300	90	3.0	#172 SDSS Clus	2	
0120.cirs3fastf012	330	08:35	08:19:55.0	+04:28:11	300	90	3.0	#172 SDSS Clus	2	
0121.COMP	10	08:41	08:19:55.0	+04:28:11	300	90	3.0	#172 SDSS Clus	2	
0122.cirs3fastf016	330	08:42	08:20:49.5	+05:00:37	300	90	3.0	#172 SDSS Clus	2	
0123.COMP	10	08:48	08:20:49.5	+05:00:37	300	90	3.0	#172 SDSS Clus	2	
0124.cirs3fastf020	330	08:49	08:22:26.8	+04:41:57	300	90	3.0	#172 SDSS Clus	2	
0125.COMP	10	08:55	08:22:26.8	+04:41:57	300	90	3.0	#172 SDSS Clus	2	
0126.cirs3fastf021	330	08:56	08:22:28.4	+04:43:44	300	90	3.0	#172 SDSS Clus	2	
0127.COMP	10	09:01	08:22:28.4	+04:43:44	300	90	3.0	#172 SDSS Clus	2	
0128.cirs3fastf022	420	09:02	08:22:33.3	+02:18:25	300	90	3.0	#172 SDSS Clus	2	
0129.COMP	10	09:10	08:22:33.3	+02:18:25	300	90	3.0	#172 SDSS Clus	2	
0130.cirs3fastf023	330	09:11	08:22:51.4	+05:34:08	300	90	3.0	#172 SDSS Clus	2	please ignore star west of gal
0131.COMP	10	09:17	08:22:51.4	+05:34:08	300	90	3.0	#172 SDSS Clus	2	
0132.cirs3fastf025	360	09:18	08:23:36.8	+04:23:03	300	90	3.0	#172 SDSS Clus	2	
0133.COMP	10	09:24	08:23:36.8	+04:23:03	300	90	3.0	#172 SDSS Clus	2	
0134.cirs3fastf026	360	09:25	08:23:56.4	+04:09:07	300	80	3.0	#172 SDSS Clus	2	sup * to NW out of slit
0135.COMP	10	09:32	08:23:56.4	+04:09:07	300	80	3.0	#172 SDSS Clus	2	
0136.cirs3fastf028	360	09:33	08:24:59.0	+02:21:24	300	80	3.0	#172 SDSS Clus	2	
0137.COMP	10	09:39	08:24:59.0	+02:21:24	300	80	3.0	#172 SDSS Clus	2	
0138.cirs3fastf030	360	09:40	08:25:58.8	+04:34:49	300	80	3.0	#172 SDSS Clus	2	

UT Date 2008-01-14 Observers P BerlindColl. Focus 1280 Grating/Grism 300

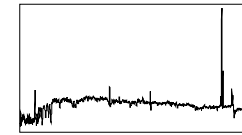
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0139.COMP	10	09:46	08:25:58.8	+04:34:49	300	80	3.0	#172 SDSS Clus	2	
0140.cirs3fastf031	341	09:47	08:25:59.6	+02:44:44	300	80	3.0	#172 SDSS Clus	2	
0141.COMP	10	09:53	08:25:59.6	+02:44:44	300	80	3.0	#172 SDSS Clus	2	
0142.cirs3fastf032	240	09:55	08:26:25.0	+04:49:05	300	80	3.0	#172 SDSS Clus	2	
0143.COMP	10	09:59	08:26:25.0	+04:49:05	300	80	3.0	#172 SDSS Clus	2	
0144.cirs3fastf033	420	10:00	08:26:53.8	+02:33:10	300	80	3.0	#172 SDSS Clus	2	
0145.COMP	10	10:07	08:26:53.8	+02:33:10	300	80	3.0	#172 SDSS Clus	2	
0146.cirs3fastf035	480	10:08	08:27:31.8	+02:48:35	300	80	3.0	#172 SDSS Clus	2	
0147.COMP	10	10:16	08:27:31.8	+02:48:35	300	80	3.0	#172 SDSS Clus	2	
0148.HD84937	20	10:18	09:48:54.9	+13:45:14	300	26	3.0	#56 Spectropho	2	
0149.HD84937	20	10:19	09:48:54.9	+13:45:14	300	26	3.0	#56 Spectropho	2	
0150.HD84937	20	10:19	09:48:54.9	+13:45:14	300	26	3.0	#56 Spectropho	2	
0151.COMP	10	10:20	09:48:54.9	+13:45:14	300	26	3.0	#56 Spectropho	2	
0152.N3379	150	10:22	10:47:50.0	+12:34:55	300	90	3.0	#57 Velocity S	2	
0153.COMP	10	10:25	10:47:50.0	+12:34:55	300	90	3.0	#57 Velocity S	2	
0154.Feige34	200	10:27	10:39:36.9	+43:06:11	300	90	3.0	#56 Spectropho	2	
0155.Feige34	200	10:30	10:39:36.9	+43:06:11	300	90	3.0	#56 Spectropho	2	
0156.COMP	10	10:34	10:39:36.9	+43:06:11	300	90	3.0	#56 Spectropho	2	
0157.fmfs283	360	10:38	10:43:17.6	-12:21:37	300	2	3.0	#171 Local Uni	2	
0158.COMP	10	10:44	10:43:17.6	-12:21:37	300	2	3.0	#171 Local Uni	2	close, high wind



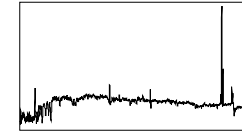
UT Date 2008-01-14 Observers P Berlind

Coll. Focus 1280 Grating/Grism 300

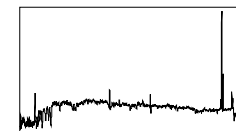
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0160-0169.BIAS	0	12:04	10:43:24.9	-12:25:15	300	90	3.0	#141 Mapping t	2	
0170.FLAT	25	12:05	10:43:24.9	-12:25:15	300	90	3.0	#141 Mapping t	2	end of FAST run
0171-0184.FLAT	25	12:14	10:43:24.9	-12:25:15	300	90	3.0	#141 Mapping t	2	

UT Date 2008-01-29 Observers M CalkinsColl. Focus 1280 Grating/Grism 300

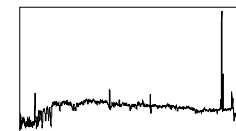
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001-0010.DARK	900	01:43	23:45:21.9	+31:27:46	300	90	3.0	#141 Mapping t	4	
0011-0020.BIAS	0	01:59	23:45:21.9	+31:27:46	300	90	3.0	#141 Mapping t	4	
0021-0030.FLAT	12	02:05	23:45:21.9	+31:27:46	300	90	3.0	#141 Mapping t	4	
0031-0040.BIAS	0	02:11	23:45:21.9	+31:27:46	300	90	3.0	#141 Mapping t	2	
0041-0060.FLAT	25	02:27	23:45:21.9	+31:27:46	300	90	3.0	#141 Mapping t	2	
0061-0070.DARK	900	05:02	23:45:21.9	+31:27:46	300	90	3.0	#141 Mapping t	2	
0071-0080.DARK	900	07:36	23:45:21.9	+31:27:46	300	90	3.0	#141 Mapping t	4	
0081-0090.DARK	900	10:38	23:45:21.9	+31:27:46	300	90	3.0	#141 Mapping t	2	
0091.sn2007uy	1800	10:58	09:09:35.4	+33:07:10	300	80	3.0	#2 SN Observat	2	poor seeing
0092.COMP	12	11:28	09:09:35.4	+33:07:10	300	80	3.0	#2 SN Observat	2	
0093.HD84937	20	11:31	09:48:54.9	+13:45:14	300	58	3.0	#56 Spectropho	2	
0094.HD84937	20	11:32	09:48:54.9	+13:45:14	300	58	3.0	#56 Spectropho	2	
0095.HD84937	20	11:32	09:48:54.9	+13:45:14	300	58	3.0	#56 Spectropho	2	
0096.COMP	12	11:34	09:48:54.9	+13:45:14	300	58	3.0	#56 Spectropho	2	
0097.Feige34	120	11:37	10:39:36.9	+43:06:11	300	105	3.0	#56 Spectropho	2	
0098.COMP	12	11:40	10:39:36.9	+43:06:11	300	105	3.0	#56 Spectropho	2	
0099.sn2007sw	1500	11:43	12:13:36.9	+46:29:36	300	-28	3.0	#2 SN Observat	2	
0100.COMP	12	12:09	12:13:36.9	+46:29:36	300	-28	3.0	#2 SN Observat	2	
0101.sn2007sr	1500	12:15	12:01:52.8	-18:58:22	300	-21	3.0	#2 SN Observat	2	
0102.COMP	12	12:41	12:01:52.8	-18:58:22	300	-21	3.0	#2 SN Observat	2	

UT Date 2008-01-29 Observers M CalkinsColl. Focus 1280 Grating/Grism 300

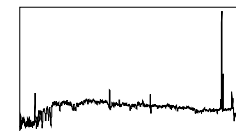
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0103-0112.BIAS	0	13:10	12:44:42.0	+36:45:48	300	90	3.0	#2 SN Observat	2	
0113-0132.FLAT	25	13:27	12:44:42.0	+36:45:48	300	90	3.0	#2 SN Observat	2	
0133-0168.DARK	300	16:37	12:44:42.0	+36:45:48	300	90	3.0	#2 SN Observat	2	

UT Date 2008-01-30 Observers P BerlindColl. Focus 1280 Grating/Grism 300

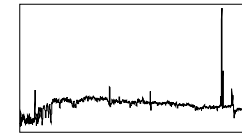
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0001.BIAS	0	01:32	02:25:13.8	+31:28:10	300	90	3.0	#2 SN Observat	2	new ccd flood, ok
0002-0010.BIAS	0	01:33	02:25:13.8	+31:28:10	300	90	3.0	#2 SN Observat	2	
0011.FLAT	25	01:34	02:25:13.8	+31:28:10	300	90	3.0	#2 SN Observat	2	telescope engineering
0012-0025.FLAT	25	01:43	02:25:13.8	+31:28:10	300	90	3.0	#2 SN Observat	2	
0026.HD19445	10	03:48	03:08:26.3	+26:20:29	300	90	3.0	#56 Spectropho	2	test
0027.HD19445	10	03:49	03:08:26.3	+26:20:29	300	90	3.0	#56 Spectropho	2	
0028.HD19445	10	03:49	03:08:26.3	+26:20:29	300	90	3.0	#56 Spectropho	2	
0029.HD19445	10	03:50	03:08:26.3	+26:20:29	300	90	3.0	#56 Spectropho	2	
0030.HD19445	10	03:51	03:08:26.3	+26:20:29	300	90	3.0	#56 Spectropho	2	
0031.COMP	10	03:51	03:08:26.3	+26:20:29	300	90	3.0	#56 Spectropho	2	
0032.IPHASB_2009	240	05:42	05:49:37.9	+28:11:23	300	90	3.0	#157 IPHAS	2	
0033.COMP	10	05:46	05:49:37.9	+28:11:23	300	90	3.0	#157 IPHAS	2	
0034.IPHASB_2012	240	05:47	05:50:46.7	+32:41:06	300	90	3.0	#157 IPHAS	2	
0035.COMP	10	05:52	05:50:46.7	+32:41:06	300	90	3.0	#157 IPHAS	2	
0036.IPHASB_2017	300	05:53	05:55:17.6	+29:20:36	300	90	3.0	#157 IPHAS	2	
0037.COMP	10	05:58	05:55:17.6	+29:20:36	300	90	3.0	#157 IPHAS	2	
0038.IPHASB_2020	300	05:59	05:55:52.6	+25:17:14	300	90	3.0	#157 IPHAS	2	
0039.COMP	10	06:05	05:55:52.6	+25:17:14	300	90	3.0	#157 IPHAS	2	
0040.IPHASB_2023	660	06:06	05:57:53.0	+26:50:11	300	90	3.0	#157 IPHAS	2	
0041.COMP	10	06:17	05:57:53.0	+26:50:11	300	90	3.0	#157 IPHAS	2	

UT Date 2008-01-30 Observers P BerlindColl. Focus 1280 Grating/Grism 300

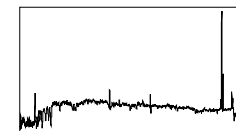
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0042.IPHASB_2016	600	06:19	05:54:23.1	+24:24:48	300	90	3.0	#157 IPHAS	2	
0043.COMP	10	06:29	05:54:23.1	+24:24:48	300	90	3.0	#157 IPHAS	2	
0044.sn2008C	1200	06:32	06:57:11.5	+20:26:14	300	40	3.0	#2 SN Observat	2	
0045.COMP	10	06:53	06:57:11.5	+20:26:14	300	40	3.0	#2 SN Observat	2	
0046.IPHASB_2138	180	06:54	06:19:26.7	+04:55:36	300	45	3.0	#157 IPHAS	2	
0047.COMP	10	06:58	06:19:26.7	+04:55:36	300	45	3.0	#157 IPHAS	2	
0048.IPHASB_2139	300	06:59	06:19:38.9	+09:01:15	300	45	3.0	#157 IPHAS	2	
0049.COMP	10	07:04	06:19:38.9	+09:01:15	300	45	3.0	#157 IPHAS	2	
0050.IPHASB_2140	270	07:05	06:20:26.2	+09:01:01	300	45	3.0	#157 IPHAS	2	
0051.COMP	10	07:10	06:20:26.2	+09:01:01	300	45	3.0	#157 IPHAS	2	
0052.IPHASB_2142	300	07:11	06:21:09.8	+10:15:12	300	45	3.0	#157 IPHAS	2	
0053.COMP	10	07:17	06:21:09.8	+10:15:12	300	45	3.0	#157 IPHAS	2	
0054.IPHASB_2129	180	07:18	06:17:21.0	+10:22:56	300	45	3.0	#157 IPHAS	2	
0055.COMP	10	07:21	06:17:21.0	+10:22:56	300	45	3.0	#157 IPHAS	2	
0056.IPHASB_2133	480	07:22	06:18:12.8	+11:16:42	300	45	3.0	#157 IPHAS	2	
0057.COMP	10	07:30	06:18:12.8	+11:16:42	300	45	3.0	#157 IPHAS	2	
0058.IPHASB_2137	180	07:31	06:19:15.4	+12:10:55	300	45	3.0	#157 IPHAS	2	
0059.COMP	10	07:35	06:19:15.4	+12:10:55	300	45	3.0	#157 IPHAS	2	
0060.IPHASB_2141	480	07:36	06:20:28.4	+14:44:18	300	45	3.0	#157 IPHAS	2	
0061.COMP	10	07:44	06:20:28.4	+14:44:18	300	45	3.0	#157 IPHAS	2	

UT Date 2008-01-30 Observers P BerlindColl. Focus 1280 Grating/Grism 300

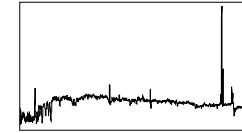
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0062.IPHASB_2135	660	07:45	06:18:31.1	+17:28:30	300	45	3.0	#157 IPHAS	2	
0063.COMP	10	07:57	06:18:31.1	+17:28:30	300	45	3.0	#157 IPHAS	2	
0064.IPHASB_2131	480	07:57	06:17:54.9	+18:13:10	300	45	3.0	#157 IPHAS	2	
0065.COMP	10	08:06	06:17:54.9	+18:13:10	300	45	3.0	#157 IPHAS	2	
0066.IPHASB_2126	480	08:07	06:17:02.4	+21:47:27	300	45	3.0	#157 IPHAS	2	
0067.COMP	10	08:15	06:17:02.4	+21:47:27	300	45	3.0	#157 IPHAS	2	
0068.IPHASB_2125	180	08:17	06:16:58.9	+25:15:26	300	45	3.0	#157 IPHAS	2	
0069.COMP	10	08:20	06:16:58.9	+25:15:26	300	45	3.0	#157 IPHAS	2	
0070.4dlxfast022	480	08:25	08:14:37.1	+58:19:53	300	90	3.0	#172 SDSS Clus	2	
0071.COMP	10	08:33	08:14:37.1	+58:19:53	300	90	3.0	#172 SDSS Clus	2	
0072.4dlxfast023	600	08:34	08:14:48.1	+58:15:01	300	90	3.0	#172 SDSS Clus	2	
0073.COMP	10	08:44	08:14:48.1	+58:15:01	300	90	3.0	#172 SDSS Clus	2	
0074.4dlxfast025	480	08:45	08:14:59.5	+58:05:58	300	90	3.0	#172 SDSS Clus	2	
0075.COMP	10	08:54	08:14:59.5	+58:05:58	300	90	3.0	#172 SDSS Clus	2	
0076.4dlxfast026	720	08:55	08:15:42.2	+57:20:43	300	90	3.0	#172 SDSS Clus	2	
0077.COMP	10	09:07	08:15:42.2	+57:20:43	300	90	3.0	#172 SDSS Clus	2	
0078.4dlxfast027	720	09:08	08:15:44.3	+55:03:36	300	90	3.0	#172 SDSS Clus	2	
0079.COMP	10	09:21	08:15:44.3	+55:03:36	300	90	3.0	#172 SDSS Clus	2	
0080.4dlxfast028	600	09:22	08:15:51.4	+58:34:40	300	90	3.0	#172 SDSS Clus	2	
0081.COMP	10	09:32	08:15:51.4	+58:34:40	300	90	3.0	#172 SDSS Clus	2	

UT Date 2008-01-30 Observers P BerlindColl. Focus 1280 Grating/Grism 300

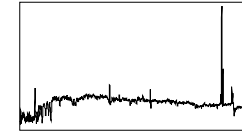
<i>File</i>	<i>Exp Time</i>	<i>UT Start</i>	<i>RA</i>	<i>Dec</i>	<i>Gr.</i>	<i>P.A.</i>	<i>Slit</i>	<i>Program</i>	<i>Bin</i>	<i>Comments</i>
0082.4dlxffast029	900	09:33	08:15:54.3	+59:10:09	300	90	3.0	#172 SDSS Clus	2	
0083.COMP	10	09:49	08:15:54.3	+59:10:09	300	90	3.0	#172 SDSS Clus	2	
0084.HD84937	20	09:51	09:48:54.9	+13:45:14	300	41	3.0	#56 Spectropho	2	
0085.HD84937	20	09:52	09:48:54.9	+13:45:14	300	41	3.0	#56 Spectropho	2	
0086.HD84937	20	09:53	09:48:54.9	+13:45:14	300	41	3.0	#56 Spectropho	2	
0087.COMP	10	09:53	09:48:54.9	+13:45:14	300	41	3.0	#56 Spectropho	2	
0088.Feige34	180	09:56	10:39:36.9	+43:06:11	300	90	3.0	#56 Spectropho	2	
0089.Feige34	180	09:59	10:39:36.9	+43:06:11	300	90	3.0	#56 Spectropho	2	
0090.COMP	10	10:03	10:39:36.9	+43:06:11	300	90	3.0	#56 Spectropho	2	
0091.cirs3fastf042	360	10:05	10:59:36.9	+29:53:02	300	90	3.0	#172 SDSS Clus	2	
0092.COMP	10	10:11	10:59:36.9	+29:53:02	300	90	3.0	#172 SDSS Clus	2	
0093.cirs3fastf043	300	10:12	11:02:27.0	+27:18:18	300	90	3.0	#172 SDSS Clus	2	
0094.COMP	10	10:17	11:02:27.0	+27:18:18	300	90	3.0	#172 SDSS Clus	2	
0095.cirs3fastf044	360	10:18	11:03:06.8	+27:48:23	300	90	3.0	#172 SDSS Clus	2	
0096.COMP	10	10:25	11:03:06.8	+27:48:23	300	90	3.0	#172 SDSS Clus	2	
0097.cirs3fastf045	360	10:25	11:03:34.7	+27:20:53	300	90	3.0	#172 SDSS Clus	2	
0098.COMP	10	10:32	11:03:34.7	+27:20:53	300	90	3.0	#172 SDSS Clus	2	
0099.cirs3fastf046	240	10:33	11:04:34.1	+29:50:00	300	90	3.0	#172 SDSS Clus	2	
0100.COMP	10	10:37	11:04:34.1	+29:50:00	300	90	3.0	#172 SDSS Clus	2	
0101.cirs3fastf047	360	10:38	11:04:36.1	+26:13:34	300	90	3.0	#172 SDSS Clus	2	

UT Date 2008-01-30 Observers P BerlindColl. Focus 1280 Grating/Grism 300

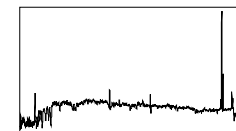
<i>File</i>	<i>Exp Time</i>	<i>UT Start</i>	<i>RA</i>	<i>Dec</i>	<i>Gr.</i>	<i>P.A.</i>	<i>Slit</i>	<i>Program</i>	<i>Bin</i>	<i>Comments</i>
0102.COMP	10	10:45	11:04:36.1	+26:13:34	300	90	3.0	#172 SDSS Clus	2	
0103.cirs3fastf049	360	10:46	11:04:46.1	+30:11:17	300	90	3.0	#172 SDSS Clus	2	
0104.COMP	10	10:52	11:04:46.1	+30:11:17	300	90	3.0	#172 SDSS Clus	2	
0105.cirs3fastf053	360	10:53	11:11:52.7	+30:29:33	300	90	3.0	#172 SDSS Clus	2	
0106.COMP	10	10:59	11:11:52.7	+30:29:33	300	90	3.0	#172 SDSS Clus	2	
0107.cirs3fastf050	240	11:00	11:08:01.9	+31:09:46	300	90	3.0	#172 SDSS Clus	2	
0108.COMP	10	11:05	11:08:01.9	+31:09:46	300	90	3.0	#172 SDSS Clus	2	
0109.cirs3fastf051	240	11:05	11:11:07.3	+27:39:39	300	90	3.0	#172 SDSS Clus	2	
0110.COMP	10	11:10	11:11:07.3	+27:39:39	300	90	3.0	#172 SDSS Clus	2	
0111.cirs3fastf052	240	11:11	11:11:39.1	+26:18:41	300	90	3.0	#172 SDSS Clus	2	
0112.COMP	10	11:15	11:11:39.1	+26:18:41	300	90	3.0	#172 SDSS Clus	2	
0113.cirs3fastf054	300	11:16	11:12:01.8	+27:50:54	300	90	3.0	#172 SDSS Clus	2	
0114.COMP	10	11:21	11:12:01.8	+27:50:54	300	90	3.0	#172 SDSS Clus	2	
0115.cirs3fastf055	300	11:22	11:12:03.1	+27:37:50	300	90	3.0	#172 SDSS Clus	2	
0116.COMP	10	11:28	11:12:03.1	+27:37:50	300	90	3.0	#172 SDSS Clus	2	
0117.cirs3fastf056	300	11:28	11:12:09.6	+27:40:15	300	90	3.0	#172 SDSS Clus	2	
0118.COMP	10	11:34	11:12:09.6	+27:40:15	300	90	3.0	#172 SDSS Clus	2	
0119.cirs3fastf057	600	11:35	11:12:50.8	+26:54:31	300	90	3.0	#172 SDSS Clus	2	
0120.COMP	10	11:45	11:12:50.8	+26:54:31	300	90	3.0	#172 SDSS Clus	2	
0121.cirs3fastf058	300	11:46	11:14:09.8	+26:46:59	300	90	3.0	#172 SDSS Clus	2	

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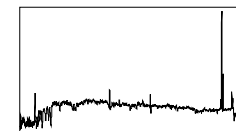
<i>File</i>	<i>Exp Time</i>	<i>UT Start</i>	<i>RA</i>	<i>Dec</i>	<i>Gr.</i>	<i>P.A.</i>	<i>Slit</i>	<i>Program</i>	<i>Bin</i>	<i>Comments</i>
0122.COMP	10	11:51	11:14:09.8	+26:46:59	300	90	3.0	#172 SDSS Clus	2	
0123.cirs3fastf059	300	11:52	11:14:12.1	+27:42:44	300	85	3.0	#172 SDSS Clus	2	
0124.COMP	10	11:58	11:14:12.1	+27:42:44	300	85	3.0	#172 SDSS Clus	2	
0125.cirs3fastf060	300	11:58	11:14:14.1	+27:42:43	300	85	3.0	#172 SDSS Clus	2	
0126.COMP	10	12:04	11:14:14.1	+27:42:43	300	85	3.0	#172 SDSS Clus	2	
0127.cirs3fastf061	300	12:04	11:15:08.5	+27:46:32	300	85	3.0	#172 SDSS Clus	2	
0128.COMP	10	12:10	11:15:08.5	+27:46:32	300	85	3.0	#172 SDSS Clus	2	
0129.cirs3fastf063	480	12:11	11:17:42.6	+27:50:40	300	85	3.0	#172 SDSS Clus	2	
0130.COMP	10	12:19	11:17:42.6	+27:50:40	300	85	3.0	#172 SDSS Clus	2	
0131.cirs3fastf064	480	12:20	11:17:53.8	+28:05:51	300	85	3.0	#172 SDSS Clus	2	
0132.COMP	10	12:28	11:17:53.8	+28:05:51	300	85	3.0	#172 SDSS Clus	2	
0133.cirs3fastf065	300	12:29	11:19:01.1	+27:51:47	300	85	3.0	#172 SDSS Clus	2	
0134.COMP	10	12:35	11:19:01.1	+27:51:47	300	85	3.0	#172 SDSS Clus	2	
0135.cirs3fastf066	300	12:36	11:21:28.6	+28:14:30	300	85	3.0	#172 SDSS Clus	2	
0136.COMP	10	12:41	11:21:28.6	+28:14:30	300	85	3.0	#172 SDSS Clus	2	
0137.cirs3fastb025	720	12:43	12:23:09.6	+33:00:47	300	90	3.0	#172 SDSS Clus	2	
0138.COMP	10	12:56	12:23:09.6	+33:00:47	300	90	3.0	#172 SDSS Clus	2	
0139.cirs3fastb027	720	12:56	12:24:17.9	+32:08:46	300	90	3.0	#172 SDSS Clus	2	
0140.COMP	10	13:09	12:24:17.9	+32:08:46	300	90	3.0	#172 SDSS Clus	2	
0141.cirs3fastb038	100	13:10	13:03:00.9	+28:01:57	300	90	3.0	#172 SDSS Clus	2	

UT Date 2008-01-30 Observers P BerlindColl. Focus 1280 Grating/Grism 300

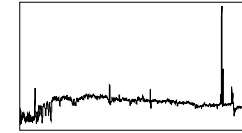
<i>File</i>	<i>Exp Time</i>	<i>UT Start</i>	<i>RA</i>	<i>Dec</i>	<i>Gr.</i>	<i>P.A.</i>	<i>Slit</i>	<i>Program</i>	<i>Bin</i>	<i>Comments</i>
0142.COMP	10	13:12	13:03:00.9	+28:01:57	300	90	3.0	#172 SDSS Clus	2	
0143.cirs3fastb044	120	13:13	13:16:16.8	+25:24:19	300	90	3.0	#172 SDSS Clus	2	
0144.COMP	10	13:15	13:16:16.8	+25:24:19	300	90	3.0	#172 SDSS Clus	2	
0145.N4486B	180	13:16	12:30:32.0	+12:29:25	300	90	3.0	#57 Velocity S	2	
0146.COMP	10	13:19	12:30:32.0	+12:29:25	300	90	3.0	#57 Velocity S	2	
0147-0156.BIAS	0	13:23	12:30:32.0	+12:29:25	300	90	3.0	#56 Spectropho	2	
0157-0171.FLAT	25	13:32	12:30:32.0	+12:29:25	300	90	3.0	#56 Spectropho	2	
0172-0181.DARK	900	16:01	12:30:32.0	+12:29:25	300	90	3.0	#56 Spectropho	2	

UT Date 2008-01-31 Observers P BerlindColl. Focus 1280 Grating/Grism 300

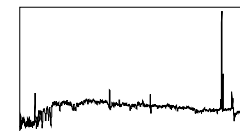
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001-0010.BIAS	0	23:46	12:30:32.0	+12:29:25	300	90	3.0	#56 Spectropho	2	
0011-0025.FLAT	25	23:56	12:30:32.0	+12:29:25	300	90	3.0	#56 Spectropho	2	
0026.DARK	900	00:20	12:30:32.0	+12:29:25	300	90	3.0	#56 Spectropho	2	fog
0027-0035.DARK	900	03:00	12:30:32.0	+12:29:25	300	90	3.0	#56 Spectropho	2	
0036.IPHASB_2145	240	05:20	06:28:08.7	+01:23:43	300	0	3.0	#157 IPHAS	2	poor seeing all night
0037.COMP	10	05:24	06:28:08.7	+01:23:43	300	0	3.0	#157 IPHAS	2	
0038.IPHASB_2146	300	05:25	06:29:39.7	+00:31:15	300	0	3.0	#157 IPHAS	2	target at row 80, ignore star at row 70
0039.COMP	10	05:30	06:29:39.7	+00:31:15	300	0	3.0	#157 IPHAS	2	
0040.IPHASB_2150	1200	05:31	06:30:49.3	+00:10:17	300	0	3.0	#157 IPHAS	2	
0041.COMP	10	05:52	06:30:49.3	+00:10:17	300	0	3.0	#157 IPHAS	2	
0042.IPHASB_2151	600	05:54	06:31:03.4	+03:23:24	300	0	3.0	#157 IPHAS	2	
0043.COMP	10	06:04	06:31:03.4	+03:23:24	300	0	3.0	#157 IPHAS	2	
0044.IPHASB_2152	360	06:05	06:31:20.0	+01:00:43	300	0	3.0	#157 IPHAS	2	
0045.COMP	10	06:11	06:31:20.0	+01:00:43	300	0	3.0	#157 IPHAS	2	
0046.IPHASB_2154	600	06:12	06:31:44.1	+02:13:35	300	0	3.0	#157 IPHAS	2	
0047.COMP	10	06:23	06:31:44.1	+02:13:35	300	0	3.0	#157 IPHAS	2	
0048.IPHASB_2155	480	06:25	06:32:24.6	+02:06:10	300	34	3.0	#157 IPHAS	2	
0049.COMP	10	06:33	06:32:24.6	+02:06:10	300	34	3.0	#157 IPHAS	2	
0050.IPHASB_2156	480	06:34	06:32:38.1	+05:41:43	300	34	3.0	#157 IPHAS	2	
0051.COMP	10	06:42	06:32:38.1	+05:41:43	300	34	3.0	#157 IPHAS	2	

UT Date 2008-01-31 Observers P BerlindColl. Focus 1280 Grating/Grism 300

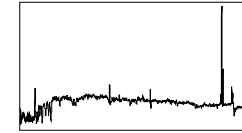
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0052.IPHASB_2157	480	06:44	06:32:48.1	+00:36:26	300	34	3.0	#157 IPHAS	2	
0053.COMP	10	06:52	06:32:48.1	+00:36:26	300	34	3.0	#157 IPHAS	2	
0054.IPHASB_2158	720	06:53	06:33:00.9	+02:47:48	300	34	3.0	#157 IPHAS	2	
0055.COMP	10	07:06	06:33:00.9	+02:47:48	300	34	3.0	#157 IPHAS	2	
0056.IPHASB_2161	480	07:07	06:33:24.8	+05:27:42	300	34	3.0	#157 IPHAS	2	
0057.COMP	10	07:15	06:33:24.8	+05:27:42	300	34	3.0	#157 IPHAS	2	
0058.IPHASB_2162	480	07:16	06:34:08.6	+05:40:04	300	34	3.0	#157 IPHAS	2	
0059.COMP	10	07:24	06:34:08.6	+05:40:04	300	34	3.0	#157 IPHAS	2	
0060.IPHASB_2165	209	07:25	06:34:37.2	+06:02:50	300	34	3.0	#157 IPHAS	2	
0061.COMP	10	07:29	06:34:37.2	+06:02:50	300	34	3.0	#157 IPHAS	2	
0062.IPHASB_2167	900	07:31	06:35:41.5	+06:00:40	300	45	3.0	#157 IPHAS	2	
0063.COMP	10	07:46	06:35:41.5	+06:00:40	300	45	3.0	#157 IPHAS	2	
0064.IPHASB_2123	780	07:48	06:16:43.2	+15:24:11	300	65	3.0	#157 IPHAS	2	
0065.COMP	10	08:01	06:16:43.2	+15:24:11	300	65	3.0	#157 IPHAS	2	
0066.IPHASB_2122	210	08:02	06:16:27.3	+16:57:57	300	65	3.0	#157 IPHAS	2	
0067.COMP	10	08:06	06:16:27.3	+16:57:57	300	65	3.0	#157 IPHAS	2	
0068.IPHASB_2120	900	08:07	06:16:24.5	+24:18:37	300	65	3.0	#157 IPHAS	2	
0069.COMP	10	08:23	06:16:24.5	+24:18:37	300	65	3.0	#157 IPHAS	2	
0070.HD84937	30	08:25	09:48:54.9	+13:45:14	300	90	3.0	#56 Spectropho	2	
0071.HD84937	30	08:26	09:48:54.9	+13:45:14	300	90	3.0	#56 Spectropho	2	

UT Date 2008-01-31 Observers P BerlindColl. Focus 1280 Grating/Grism 300

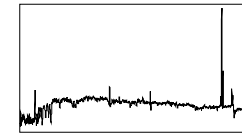
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0072.HD84937	30	08:27	09:48:54.9	+13:45:14	300	90	3.0	#56 Spectropho	2	
0073.COMP	10	08:28	09:48:54.9	+13:45:14	300	90	3.0	#56 Spectropho	2	
0074.cirsfastb193	720	08:29	11:16:36.3	+02:19:26	300	90	3.0	#172 SDSS Clus	2	
0075.COMP	10	08:42	11:16:36.3	+02:19:26	300	90	3.0	#172 SDSS Clus	2	
0076.cirsfastb194	900	08:43	11:16:36.7	+02:19:04	300	90	3.0	#172 SDSS Clus	2	
0077.COMP	10	08:58	11:16:36.7	+02:19:04	300	90	3.0	#172 SDSS Clus	2	
0078.cirsfastb197	720	08:59	11:17:46.9	+02:32:54	300	90	3.0	#172 SDSS Clus	2	
0079.COMP	10	09:12	11:17:46.9	+02:32:54	300	90	3.0	#172 SDSS Clus	2	
0080.cirsfastb200	600	09:13	11:18:59.7	+03:18:45	300	95	3.0	#172 SDSS Clus	2	
0081.COMP	10	09:23	11:18:59.7	+03:18:45	300	95	3.0	#172 SDSS Clus	2	
0082.cirsfastb201	660	09:24	11:20:13.1	+03:02:28	300	95	3.0	#172 SDSS Clus	2	
0083.COMP	10	09:36	11:20:13.1	+03:02:28	300	95	3.0	#172 SDSS Clus	2	
0084.cirsfastb203	330	09:37	11:21:31.8	+02:45:06	300	95	3.0	#172 SDSS Clus	2	
0085.COMP	10	09:43	11:21:31.8	+02:45:06	300	95	3.0	#172 SDSS Clus	2	
0086.Feige34	210	09:45	10:39:36.9	+43:06:11	300	90	3.0	#56 Spectropho	2	
0087.Feige34	210	09:49	10:39:36.9	+43:06:11	300	90	3.0	#56 Spectropho	2	
0088.COMP	10	09:53	10:39:36.9	+43:06:11	300	90	3.0	#56 Spectropho	2	
0089.cirsfastb204	330	09:55	11:21:38.1	+02:54:11	300	90	3.0	#172 SDSS Clus	2	
0090.COMP	10	10:00	11:21:38.1	+02:54:11	300	90	3.0	#172 SDSS Clus	2	
0091.cirsfastb205	360	10:01	11:22:52.0	+01:06:48	300	90	3.0	#172 SDSS Clus	2	

UT Date 2008-01-31 Observers P BerlindColl. Focus 1280 Grating/Grism 300

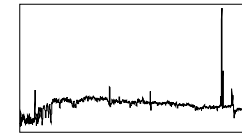
<i>File</i>	<i>Exp Time</i>	<i>UT Start</i>	<i>RA</i>	<i>Dec</i>	<i>Gr.</i>	<i>P.A.</i>	<i>Slit</i>	<i>Program</i>	<i>Bin</i>	<i>Comments</i>
0092.COMP	10	10:08	11:22:52.0	+01:06:48	300	90	3.0	#172 SDSS Clus	2	
0093.cirsfastb206	300	10:08	11:22:54.3	+01:06:52	300	90	3.0	#172 SDSS Clus	2	
0094.COMP	10	10:14	11:22:54.3	+01:06:52	300	90	3.0	#172 SDSS Clus	2	
0095.cirsfastb209	180	10:15	11:28:17.7	+02:39:14	300	90	3.0	#172 SDSS Clus	2	
0096.COMP	10	10:19	11:28:17.7	+02:39:14	300	90	3.0	#172 SDSS Clus	2	
0097.cirsfastb218	720	10:20	11:53:01.6	+05:21:16	300	90	3.0	#172 SDSS Clus	2	
0098.COMP	10	10:33	11:53:01.6	+05:21:16	300	90	3.0	#172 SDSS Clus	2	
0099.cirsfastb219	900	10:34	11:53:55.4	+04:11:27	300	90	3.0	#172 SDSS Clus	2	
0100.COMP	10	10:50	11:53:55.4	+04:11:27	300	90	3.0	#172 SDSS Clus	2	
0101.cirsfastb221	900	10:51	11:54:20.4	+04:01:00	300	90	3.0	#172 SDSS Clus	2	
0102.COMP	10	11:07	11:54:20.4	+04:01:00	300	90	3.0	#172 SDSS Clus	2	
0103.cirsfastb222	660	11:08	11:54:56.9	+06:16:39	300	90	3.0	#172 SDSS Clus	2	
0104.COMP	10	11:19	11:54:56.9	+06:16:39	300	90	3.0	#172 SDSS Clus	2	
0105.cirsfastb223	600	11:20	11:55:25.6	+06:15:08	300	90	3.0	#172 SDSS Clus	2	
0106.COMP	10	11:30	11:55:25.6	+06:15:08	300	90	3.0	#172 SDSS Clus	2	
0107.cirsfastb225	270	11:31	11:57:29.0	+05:05:21	300	90	3.0	#172 SDSS Clus	2	
0108.COMP	10	11:36	11:57:29.0	+05:05:21	300	90	3.0	#172 SDSS Clus	2	
0109.cirsfastb226	600	11:37	11:57:30.9	+05:05:40	300	90	3.0	#172 SDSS Clus	2	
0110.COMP	10	11:47	11:57:30.9	+05:05:40	300	90	3.0	#172 SDSS Clus	2	
0111.cirsfastb227	480	11:48	11:58:14.0	+06:25:19	300	90	3.0	#172 SDSS Clus	2	

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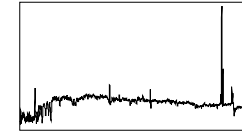
<i>File</i>	<i>Exp Time</i>	<i>UT Start</i>	<i>RA</i>	<i>Dec</i>	<i>Gr.</i>	<i>P.A.</i>	<i>Slit</i>	<i>Program</i>	<i>Bin</i>	<i>Comments</i>
0112.COMP	10	11:57	11:58:14.0	+06:25:19	300	90	3.0	#172 SDSS Clus	2	
0113.cirsfastb228	600	11:58	11:59:18.0	+06:16:00	300	90	3.0	#172 SDSS Clus	2	
0114.COMP	10	12:08	11:59:18.0	+06:16:00	300	90	3.0	#172 SDSS Clus	2	
0115.cirs3fastb039	300	12:10	13:05:21.1	+23:05:44	300	90	3.0	#172 SDSS Clus	2	
0116.COMP	10	12:15	13:05:21.1	+23:05:44	300	90	3.0	#172 SDSS Clus	2	
0117.cirs3fastb047	300	12:16	13:18:40.2	+31:32:35	300	90	3.0	#172 SDSS Clus	2	
0118.COMP	10	12:21	13:18:40.2	+31:32:35	300	90	3.0	#172 SDSS Clus	2	
0119.cirs3fastb050	300	12:22	13:27:56.9	+34:21:59	300	90	3.0	#172 SDSS Clus	2	
0120.COMP	10	12:28	13:27:56.9	+34:21:59	300	90	3.0	#172 SDSS Clus	2	
0121.cirs3fastb051	480	12:29	13:47:53.5	+25:34:01	300	90	3.0	#172 SDSS Clus	2	
0122.COMP	10	12:37	13:47:53.5	+25:34:01	300	90	3.0	#172 SDSS Clus	2	
0123.cirs3fastb052	600	12:38	13:48:17.6	+25:40:16	300	90	3.0	#172 SDSS Clus	2	
0124.COMP	10	12:49	13:48:17.6	+25:40:16	300	90	3.0	#172 SDSS Clus	2	
0125.cirs3fastb053	600	12:50	13:48:19.1	+25:08:02	300	90	3.0	#172 SDSS Clus	2	
0126.COMP	10	13:00	13:48:19.1	+25:08:02	300	90	3.0	#172 SDSS Clus	2	
0127.N4853	300	13:01	12:58:35.1	+27:35:47	300	90	3.0	#57 Velocity S	2	
0128.COMP	10	13:07	12:58:35.1	+27:35:47	300	90	3.0	#57 Velocity S	2	
0129.cirs3fastb054	420	13:08	13:48:21.4	+25:38:59	300	90	3.0	#172 SDSS Clus	2	
0130.COMP	10	13:15	13:48:21.4	+25:38:59	300	90	3.0	#172 SDSS Clus	2	
0131.cirs3fastb055	300	13:16	13:48:21.8	+25:40:31	300	90	3.0	#172 SDSS Clus	2	

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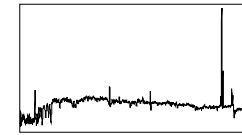
<i>File</i>	<i>Exp Time</i>	<i>UT Start</i>	<i>RA</i>	<i>Dec</i>	<i>Gr.</i>	<i>P.A.</i>	<i>Slit</i>	<i>Program</i>	<i>Bin</i>	<i>Comments</i>
0132.COMP	10	13:21	13:48:21.8	+25:40:31	300	90	3.0	#172 SDSS Clus	2	
0133-0142.BIAS	0	13:24	13:48:21.8	+25:40:31	300	90	3.0	#157 IPHAS	2	
0143-0157.FLAT	25	13:34	13:48:21.8	+25:40:31	300	90	3.0	#157 IPHAS	2	
0158-0162.DARK	900	14:44	13:48:21.8	+25:40:31	300	90	3.0	#157 IPHAS	2	

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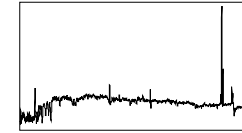
<i>File</i>	<i>Exp Time</i>	<i>UT Start</i>	<i>RA</i>	<i>Dec</i>	<i>Gr.</i>	<i>P.A.</i>	<i>Slit</i>	<i>Program</i>	<i>Bin</i>	<i>Comments</i>
0001-0010.BIAS	0	23:38	13:48:21.8	+25:40:31	300	90	3.0	#157 IPHAS	2	
0011-0025.FLAT	25	23:48	13:48:21.8	+25:40:31	300	90	3.0	#157 IPHAS	2	
0026-0030.DARK	900	00:50	13:48:21.8	+25:40:31	300	90	3.0	#157 IPHAS	2	
0031-0035.sky	3	01:09	02:25:00.0	+32:00:00	300	90	3.0	#57 Velocity S	2	
0036.COMP	10	01:10	02:25:00.0	+32:00:00	300	90	3.0	#57 Velocity S	2	
0037.ZAnd	1	01:37	23:33:40.0	+48:49:06	300	90	3.0	#12 Symbiotic	2	
0038.ZAnd	5	01:37	23:33:40.0	+48:49:06	300	90	3.0	#12 Symbiotic	2	
0039.ZAnd	30	01:38	23:33:40.0	+48:49:06	300	90	3.0	#12 Symbiotic	2	
0040.COMP	10	01:39	23:33:40.0	+48:49:06	300	90	3.0	#12 Symbiotic	2	
0041.EGAnd	1	01:40	00:44:37.0	+40:40:47	300	90	3.0	#12 Symbiotic	2	
0042.EGAnd	5	01:41	00:44:37.0	+40:40:47	300	90	3.0	#12 Symbiotic	2	
0043.EGAnd	5	01:41	00:44:37.0	+40:40:47	300	90	3.0	#12 Symbiotic	2	
0044.COMP	10	01:42	00:44:37.0	+40:40:47	300	90	3.0	#12 Symbiotic	2	
0045.AXPer	4	01:43	01:36:23.0	+54:15:03	300	90	3.0	#12 Symbiotic	2	
0046.AXPer	10	01:43	01:36:23.0	+54:15:03	300	90	3.0	#12 Symbiotic	2	
0047.AXPer	60	01:44	01:36:23.0	+54:15:03	300	90	3.0	#12 Symbiotic	2	
0048.AXPer	106	01:45	01:36:23.0	+54:15:03	300	90	3.0	#12 Symbiotic	2	
0049.COMP	10	01:47	01:36:23.0	+54:15:03	300	90	3.0	#12 Symbiotic	2	
0050.225m280	360	01:49	00:44:29.5	+41:21:35	300	90	3.0	#57 Velocity S	2	
0051.COMP	10	01:55	00:44:29.5	+41:21:35	300	90	3.0	#57 Velocity S	2	

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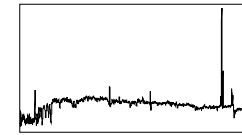
<i>File</i>	<i>Exp Time</i>	<i>UT Start</i>	<i>RA</i>	<i>Dec</i>	<i>Gr.</i>	<i>P.A.</i>	<i>Slit</i>	<i>Program</i>	<i>Bin</i>	<i>Comments</i>
0052.sn2008A	1800	02:02	01:38:17.4	+35:22:14	300	90	3.0	#2 SN Observat	2	
0053.COMP	10	02:33	01:38:17.4	+35:22:14	300	90	3.0	#2 SN Observat	2	
0054.HD19445	10	02:34	03:08:26.3	+26:20:29	300	90	3.0	#56 Spectropho	2	
0055.HD19445	10	02:35	03:08:26.3	+26:20:29	300	90	3.0	#56 Spectropho	2	
0056.HD19445	10	02:35	03:08:26.3	+26:20:29	300	90	3.0	#56 Spectropho	2	
0057.COMP	10	02:35	03:08:26.3	+26:20:29	300	90	3.0	#56 Spectropho	2	
0058.test	15	02:38	04:30:00.0	+30:00:00	600	90	2.0	#56 Spectropho	2	600-line, 2-sec, 628
0059.HD19445	12	02:40	03:08:26.3	+26:20:29	600	90	2.0	#176 Be/X-ray	2	
0060.HD19445	12	02:41	03:08:26.3	+26:20:29	600	90	2.0	#176 Be/X-ray	2	
0061.HD19445	12	02:41	03:08:26.3	+26:20:29	600	90	2.0	#176 Be/X-ray	2	
0062.COMP	15	02:42	03:08:26.3	+26:20:29	600	90	2.0	#176 Be/X-ray	2	
0063.test	15	02:43	04:30:00.0	+35:00:00	600	90	2.0	#176 Be/X-ray	2	
0064.RXJ01469p6121	180	02:47	01:47:00.0	+61:21:23	600	90	2.0	#176 Be/X-ray	2	
0065.RXJ01469p6121	180	02:50	01:47:00.0	+61:21:23	600	90	2.0	#176 Be/X-ray	2	
0066.COMP	15	02:54	01:47:00.0	+61:21:23	600	90	2.0	#176 Be/X-ray	2	
0067.IGRJ01363p6610	573	02:55	01:35:49.8	+66:12:43	600	90	2.0	#176 Be/X-ray	2	
0068.COMP	15	03:05	01:35:49.8	+66:12:43	600	90	2.0	#176 Be/X-ray	2	
0069.IGRJ01583p6713	1200	03:06	01:58:18.2	+67:13:26	600	90	2.0	#176 Be/X-ray	2	
0070.COMP	10	03:27	01:58:18.2	+67:13:26	600	90	2.0	#176 Be/X-ray	2	
0071.LSIp61303	60	03:28	02:40:31.6	+61:13:46	600	90	2.0	#176 Be/X-ray	2	

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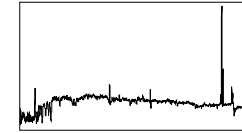
<i>File</i>	<i>Exp Time</i>	<i>UT Start</i>	<i>RA</i>	<i>Dec</i>	<i>Gr.</i>	<i>P.A.</i>	<i>Slit</i>	<i>Program</i>	<i>Bin</i>	<i>Comments</i>
0072.LSIP61303	60	03:29	02:40:31.6	+61:13:46	600	90	2.0	#176 Be/X-ray	2	
0073.COMP	15	03:31	02:40:31.6	+61:13:46	600	90	2.0	#176 Be/X-ray	2	
0074.V0332p53	1800	03:32	03:34:59.8	+53:10:24	600	90	2.0	#176 Be/X-ray	2	
0075.COMP	15	04:03	03:34:59.8	+53:10:24	600	90	2.0	#176 Be/X-ray	2	
0076.XPer	2	04:05	03:55:23.0	+31:02:45	600	90	2.0	#176 Be/X-ray	2	
0077.XPer	2	04:05	03:55:23.0	+31:02:45	600	90	2.0	#176 Be/X-ray	2	
0078.XPer	2	04:05	03:55:23.0	+31:02:45	600	90	2.0	#176 Be/X-ray	2	
0079.COMP	15	04:06	03:55:23.0	+31:02:45	600	90	2.0	#176 Be/X-ray	2	
0080.RXJ04409p4431	180	04:07	04:41:00.6	+44:31:50	600	90	2.0	#176 Be/X-ray	2	
0081.RXJ04409p4431	180	04:10	04:41:00.6	+44:31:50	600	90	2.0	#176 Be/X-ray	2	
0082.COMP	15	04:14	04:41:00.6	+44:31:50	600	90	2.0	#176 Be/X-ray	2	
0083.A0535p262	30	04:15	05:38:54.5	+26:18:57	600	90	2.0	#176 Be/X-ray	2	
0084.A0535p262	30	04:16	05:38:54.5	+26:18:57	600	90	2.0	#176 Be/X-ray	2	
0085.A0535p262	30	04:17	05:38:54.5	+26:18:57	600	90	2.0	#176 Be/X-ray	2	
0086.COMP	15	04:18	05:38:54.5	+26:18:57	600	90	2.0	#176 Be/X-ray	2	
0087.IGRJ06074p2205	480	04:19	06:07:26.6	+22:05:48	600	90	2.0	#176 Be/X-ray	2	
0088.COMP	10	04:27	06:07:26.6	+22:05:48	600	90	2.0	#176 Be/X-ray	2	
0089-0098.FLAT	45	04:37	06:07:26.6	+22:05:48	600	90	2.0	#56 Spectropho	2	
0099.test	10	04:40	06:07:26.6	+22:05:48	300	90	3.0	#56 Spectropho	2	
0100.test	10	04:42	06:07:26.6	+22:05:48	300	90	3.0	#56 Spectropho	2	

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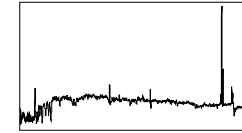
<i>File</i>	<i>Exp Time</i>	<i>UT Start</i>	<i>RA</i>	<i>Dec</i>	<i>Gr.</i>	<i>P.A.</i>	<i>Slit</i>	<i>Program</i>	<i>Bin</i>	<i>Comments</i>
0101.GITau	240	04:44	04:33:34.0	+24:21:18	300	90	3.0	#12 Symbiotic	2	300-line, 3-sec, combo
0102.COMP	10	04:48	04:33:34.0	+24:21:18	300	90	3.0	#12 Symbiotic	2	
0103.GKTau	240	04:49	04:33:34.5	+24:21:07	300	90	3.0	#12 Symbiotic	2	
0104.COMP	10	04:53	04:33:34.5	+24:21:07	300	90	3.0	#12 Symbiotic	2	
0105.IPHASB_1750	210	04:55	04:29:17.0	+52:34:26	300	90	3.0	#157 IPHAS	2	
0106.COMP	10	04:59	04:29:17.0	+52:34:26	300	90	3.0	#157 IPHAS	2	
0107.IPHASB_1752	210	05:00	04:32:06.1	+52:15:21	300	90	3.0	#157 IPHAS	2	
0108.COMP	10	05:03	04:32:06.1	+52:15:21	300	90	3.0	#157 IPHAS	2	
0109.IPHASB_1754	240	05:04	04:32:25.8	+48:52:01	300	90	3.0	#157 IPHAS	2	
0110.COMP	10	05:09	04:32:25.8	+48:52:01	300	90	3.0	#157 IPHAS	2	
0111.IPHASB_1751	660	05:10	04:30:02.3	+45:47:49	300	90	3.0	#157 IPHAS	2	more cirrus
0112.COMP	10	05:21	04:30:02.3	+45:47:49	300	90	3.0	#157 IPHAS	2	
0113.IPHASB_1756	775	05:22	04:32:31.8	+42:40:48	300	90	3.0	#157 IPHAS	2	
0114.COMP	10	05:36	04:32:31.8	+42:40:48	300	90	3.0	#157 IPHAS	2	
0115.IPHASB_1757	360	05:38	04:33:46.9	+54:01:39	300	90	3.0	#157 IPHAS	2	
0116.COMP	10	05:45	04:33:46.9	+54:01:39	300	90	3.0	#157 IPHAS	2	
0117.IPHASB_1762	600	05:46	04:35:09.4	+53:15:47	300	90	3.0	#157 IPHAS	2	
0118.COMP	10	05:57	04:35:09.4	+53:15:47	300	90	3.0	#157 IPHAS	2	
0119.IPHASB_1763	600	05:58	04:36:23.8	+45:20:54	300	90	3.0	#157 IPHAS	2	
0120.COMP	10	06:08	04:36:23.8	+45:20:54	300	90	3.0	#157 IPHAS	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>
0121.IPHASB_1764	1200	06:09	04:37:42.7	+45:59:00	300	90	3.0	#157 IPHAS	2	
0122.COMP	10	06:30	04:37:42.7	+45:59:00	300	90	3.0	#157 IPHAS	2	
0123.BGGem	600	06:32	06:03:31.0	+27:41:50	300	90	3.0	#12 Symbiotic	2	
0124.COMP	10	06:42	06:03:31.0	+27:41:50	300	90	3.0	#12 Symbiotic	2	
0125.IPHASB_2107	360	06:44	06:13:41.9	+14:04:19	300	90	3.0	#157 IPHAS	2	
0126.COMP	10	06:50	06:13:41.9	+14:04:19	300	90	3.0	#157 IPHAS	2	
0127.IPHASB_2108	270	06:51	06:13:51.6	+20:17:09	300	90	3.0	#157 IPHAS	2	
0128.COMP	10	06:56	06:13:51.6	+20:17:09	300	90	3.0	#157 IPHAS	2	
0129.IPHASB_2114	900	06:57	06:15:01.8	+20:57:23	300	90	3.0	#157 IPHAS	2	
0130.COMP	10	07:13	06:15:01.8	+20:57:23	300	90	3.0	#157 IPHAS	2	
0131.IPHASB_2118	420	07:14	06:15:35.9	+10:31:22	300	90	3.0	#157 IPHAS	2	
0132.COMP	10	07:21	06:15:35.9	+10:31:22	300	90	3.0	#157 IPHAS	2	
0133.IPHASB_2113	300	07:22	06:14:33.5	+22:59:40	300	90	3.0	#157 IPHAS	2	
0134.COMP	10	07:27	06:14:33.5	+22:59:40	300	90	3.0	#157 IPHAS	2	
0135.IPHASB_2119	300	07:28	06:16:22.5	+22:21:10	300	90	3.0	#157 IPHAS	2	
0136.COMP	10	07:34	06:16:22.5	+22:21:10	300	90	3.0	#157 IPHAS	2	
0137.sn2008D	1800	07:35	09:09:30.6	+33:08:18	300	90	3.0	#2 SN Observat	2	
0138.COMP	10	08:06	09:09:30.6	+33:08:18	300	90	3.0	#2 SN Observat	2	
0139.sn2008D	1800	08:06	09:09:30.6	+33:08:18	300	90	3.0	#2 SN Observat	2	
0140.COMP	10	08:37	09:09:30.6	+33:08:18	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
0141.HD84937	20	08:39	09:48:54.9	+13:45:14	300	90	3.0	#56 Spectropho	2	
0142.HD84937	20	08:40	09:48:54.9	+13:45:14	300	90	3.0	#56 Spectropho	2	
0143.HD84937	20	08:40	09:48:54.9	+13:45:14	300	90	3.0	#56 Spectropho	2	
0144.COMP	10	08:41	09:48:54.9	+13:45:14	300	90	3.0	#56 Spectropho	2	
0145.fmfs267	900	08:44	10:17:17.7	-11:07:48	300	90	3.0	#171 Local Uni	2	
0146.COMP	10	09:00	10:17:17.7	-11:07:48	300	90	3.0	#171 Local Uni	2	
0147.Feige34	240	09:08	10:39:36.9	+43:06:11	300	90	3.0	#56 Spectropho	2	
0148.Feige34	240	09:12	10:39:36.9	+43:06:11	300	90	3.0	#56 Spectropho	2	
0149.COMP	10	09:17	10:39:36.9	+43:06:11	300	90	3.0	#56 Spectropho	2	
0150.cirsfastf056	900	09:21	10:58:27.6	+08:38:15	300	90	3.0	#172 SDSS Clus	2	
0151.COMP	10	09:36	10:58:27.6	+08:38:15	300	90	3.0	#172 SDSS Clus	2	
0152.cirsfastf057	900	09:38	10:59:25.6	+11:35:55	300	90	3.0	#172 SDSS Clus	2	stopped by clouds
0153.COMP	10	09:53	10:59:25.6	+11:35:55	300	90	3.0	#172 SDSS Clus	2	
0154.cirsfastf065	900	10:08	11:06:15.7	+09:04:06	300	90	3.0	#172 SDSS Clus	2	
0155.COMP	10	10:23	11:06:15.7	+09:04:06	300	90	3.0	#172 SDSS Clus	2	
0156.cirsfastf069	574	10:25	11:15:02.7	+04:05:08	300	90	3.0	#172 SDSS Clus	2	
0157.COMP	10	10:35	11:15:02.7	+04:05:08	300	90	3.0	#172 SDSS Clus	2	
0158.cirs3fastf085	480	10:39	13:00:18.1	+27:57:24	300	90	3.0	#172 SDSS Clus	2	target is gal just NE of brighter gal, ok
0159.COMP	10	10:47	13:00:18.1	+27:57:24	300	90	3.0	#172 SDSS Clus	2	
0160.cirs3fastf091	1200	10:48	13:09:10.9	+22:27:59	300	90	3.0	#172 SDSS Clus	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>
0161.COMP	10	11:09	13:09:10.9	+22:27:59	300	90	3.0	#172 SDSS Clus	2	
0162.cirs3fastf100	900	11:10	13:17:56.8	+32:09:19	300	90	3.0	#172 SDSS Clus	2	
0163.COMP	10	11:26	13:17:56.8	+32:09:19	300	90	3.0	#172 SDSS Clus	2	
0164.cirs3fastf101	900	11:27	13:18:05.4	+33:49:38	300	90	3.0	#172 SDSS Clus	2	
0165.COMP	10	11:42	13:18:05.4	+33:49:38	300	90	3.0	#172 SDSS Clus	2	
0166.cirs3fastf107	720	11:43	13:28:04.0	+33:35:35	300	90	3.0	#172 SDSS Clus	2	
0167.COMP	10	11:56	13:28:04.0	+33:35:35	300	90	3.0	#172 SDSS Clus	2	
0168.cirs3fastf108	720	11:58	13:28:20.4	+34:09:39	300	90	3.0	#172 SDSS Clus	2	
0169.COMP	10	12:11	13:28:20.4	+34:09:39	300	90	3.0	#172 SDSS Clus	2	
0170.cirs3fastf110	600	12:12	13:30:15.2	+33:46:30	300	90	3.0	#172 SDSS Clus	2	
0171.COMP	10	12:22	13:30:15.2	+33:46:30	300	90	3.0	#172 SDSS Clus	2	
0172.cirs3fastb056	900	12:26	13:48:38.5	+26:04:23	300	70	3.0	#172 SDSS Clus	2	
0173.COMP	10	12:41	13:48:38.5	+26:04:23	300	70	3.0	#172 SDSS Clus	2	
0174.cirs3fastb057	900	12:43	13:48:42.5	+25:45:26	300	90	3.0	#172 SDSS Clus	2	
0175.COMP	10	12:59	13:48:42.5	+25:45:26	300	90	3.0	#172 SDSS Clus	2	
0176-0185.BIAS	0	13:02	13:48:42.5	+25:45:26	300	90	3.0	#56 Spectropho	2	
0186-0200.FLAT	25	13:11	13:48:42.5	+25:45:26	300	90	3.0	#56 Spectropho	2	
0201-0205.DARK	900	14:22	13:48:42.5	+25:45:26	300	90	3.0	#56 Spectropho	2	