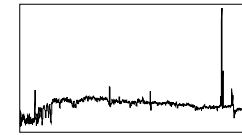


UT Date 2008-04-02 Observers M CalkinsColl. Focus 1330 Grating/Grism 300

<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>
0001-0003.DARK	900	02:06	06:53:59.3	+31:31:04	300	90	3.0	#181 Populatio	4	
0004-0013.BIAS	0	02:25	06:53:59.3	+31:31:04	300	90	3.0	#181 Populatio	4	
0014-0023.FLAT	12	02:31	06:53:59.3	+31:31:04	300	90	3.0	#181 Populatio	4	
0024-0033.BIAS	0	02:37	06:53:59.3	+31:31:04	300	90	3.0	#181 Populatio	2	
0034-0053.FLAT	25	02:49	06:53:59.3	+31:31:04	300	90	3.0	#181 Populatio	2	
0054.BGGem	300	02:56	06:03:31.0	+27:41:50	300	90	3.0	#12 Symbiotic	2	
0055.COMP	12	03:02	06:03:31.0	+27:41:50	300	90	3.0	#12 Symbiotic	2	
0056.SS129	30	03:04	07:32:45.0	-26:49:16	300	80	3.0	#12 Symbiotic	2	
0057.SS129	180	03:06	07:32:45.0	-26:49:16	300	80	3.0	#12 Symbiotic	2	
0058.COMP	12	03:09	07:32:45.0	-26:49:16	300	80	3.0	#12 Symbiotic	2	
0059.BXMon	15	03:11	07:25:23.0	-03:35:51	300	90	3.0	#12 Symbiotic	2	
0060.BXMon	180	03:12	07:25:23.0	-03:35:51	300	90	3.0	#12 Symbiotic	2	
0061.COMP	12	03:16	07:25:23.0	-03:35:51	300	90	3.0	#12 Symbiotic	2	
0062.cvso-38868	240	03:19	05:27:22.6	+01:57:06	300	90	3.0	#112 Orion PMS	2	
0063.COMP	12	03:24	05:27:22.6	+01:57:06	300	90	3.0	#112 Orion PMS	2	
0064.cvso-40002	240	03:25	05:26:57.5	+03:14:58	300	90	3.0	#112 Orion PMS	2	
0065.COMP	12	03:30	05:26:57.5	+03:14:58	300	90	3.0	#112 Orion PMS	2	
0066.cvso-39054	360	03:32	05:27:31.2	+02:11:55	300	90	3.0	#112 Orion PMS	2	
0067.COMP	12	03:38	05:27:31.2	+02:11:55	300	90	3.0	#112 Orion PMS	2	
0068.cvso-41096	240	03:39	05:27:46.5	+03:12:15	300	90	3.0	#112 Orion PMS	2	

UT Date 2008-04-02 Observers M CalkinsColl. Focus 1330 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>
0069.COMP	12	03:44	05:27:46.5	+03:12:15	300	90	3.0	#112 Orion PMS	2	
0070.cvso-45423	90	03:45	05:28:50.7	+04:04:55	300	90	3.0	#112 Orion PMS	2	
0071.COMP	12	03:47	05:28:50.7	+04:04:55	300	90	3.0	#112 Orion PMS	2	
0072.cvso-42512	430	03:48	05:28:54.6	+03:05:04	300	90	3.0	#112 Orion PMS	2	
0073.COMP	12	03:56	05:28:54.6	+03:05:04	300	90	3.0	#112 Orion PMS	2	
0074.Feige34	120	04:02	10:39:36.9	+43:06:11	300	56	3.0	#56 Spectropho	2	
0075.COMP	12	04:04	10:39:36.9	+43:06:11	300	56	3.0	#56 Spectropho	2	
0076.HD84937	15	04:09	09:48:54.9	+13:45:14	300	-15	3.0	#56 Spectropho	2	
0077.HD84937	15	04:09	09:48:54.9	+13:45:14	300	-15	3.0	#56 Spectropho	2	
0078.HD84937	15	04:10	09:48:54.9	+13:45:14	300	-15	3.0	#56 Spectropho	2	
0079.COMP	12	04:10	09:48:54.9	+13:45:14	300	-15	3.0	#56 Spectropho	2	
0080.HD84937	10	04:11	09:48:54.9	+13:45:14	300	-15	3.0	#56 Spectropho	2	
0081.HD84937	10	04:11	09:48:54.9	+13:45:14	300	-15	3.0	#56 Spectropho	2	
0082.HD84937	10	04:12	09:48:54.9	+13:45:14	300	-15	3.0	#56 Spectropho	2	
0083.COMP	12	04:12	09:48:54.9	+13:45:14	300	-15	3.0	#56 Spectropho	2	
0084.SDSSJ1132+2025	900	04:15	11:32:13.6	+20:25:18	300	90	3.0	#181 Populatio	2	
0085.COMP	12	04:31	11:32:13.6	+20:25:18	300	90	3.0	#181 Populatio	2	
0086.SDSSJ1132+0751	360	04:32	11:32:18.4	+07:51:03	300	90	3.0	#181 Populatio	2	
0087.COMP	12	04:39	11:32:18.4	+07:51:03	300	90	3.0	#181 Populatio	2	
0088.SDSSJ1133+0356	1020	04:41	11:33:16.6	+03:56:53	300	90	3.0	#181 Populatio	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0089.COMP	12	04:58	11:33:16.6	+03:56:53	300	90	3.0	#181 Populatio	2	
0090.SDSSJ1140+1824	1200	05:00	11:40:06.4	+18:24:02	300	90	3.0	#181 Populatio	2	
0091.COMP	12	05:21	11:40:06.4	+18:24:02	300	90	3.0	#181 Populatio	2	
0092.SDSSJ1140+1430	1200	05:23	11:40:22.3	+14:30:03	300	90	3.0	#181 Populatio	2	
0093.COMP	12	05:43	11:40:22.3	+14:30:03	300	90	3.0	#181 Populatio	2	
0094.SDSSJ1148+3504	1200	05:45	11:48:50.9	+35:04:25	300	90	3.0	#181 Populatio	2	
0095.COMP	12	06:08	11:48:50.9	+35:04:25	300	90	3.0	#181 Populatio	2	
0096.SDSSJ1152+5039	30	06:09	11:52:33.8	+50:39:55	300	90	3.0	#181 Populatio	2	
0097.COMP	12	06:10	11:52:33.8	+50:39:55	300	90	3.0	#181 Populatio	2	
0098.SDSSJ1154+5829	900	06:12	11:54:35.8	+58:29:57	300	90	3.0	#181 Populatio	2	
0099.COMP	12	06:28	11:54:35.8	+58:29:57	300	90	3.0	#181 Populatio	2	
0100.SDSSJ1158+4252	1220	06:31	11:58:04.7	+42:52:18	300	90	3.0	#181 Populatio	2	
0101.COMP	12	06:52	11:58:04.7	+42:52:18	300	90	3.0	#181 Populatio	2	
0102.SDSSJ1200+5926	900	06:55	12:00:43.8	+59:26:01	300	90	3.0	#181 Populatio	2	good cnts, no need for redo
0103.COMP	12	07:10	12:00:43.8	+59:26:01	300	90	3.0	#181 Populatio	2	clouds moving in
0104.sn2007sr	1800	07:17	12:01:52.8	-18:58:22	300	9	3.0	#2 SN Observat	2	
0105.COMP	12	07:47	12:01:52.8	-18:58:22	300	9	3.0	#2 SN Observat	2	
0106.sn2008bf	1800	08:01	12:04:02.9	+20:14:43	300	53	3.0	#2 SN Observat	2	
0107.COMP	12	08:32	12:04:02.9	+20:14:43	300	53	3.0	#2 SN Observat	2	
0108.sn2008ax	1200	08:46	12:30:40.8	+41:38:15	300	110	3.0	#2 SN Observat	2	

UT Date 2008-04-02 Observers M CalkinsColl. Focus 1330 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>
0109.COMP	12	09:07	12:30:40.8	+41:38:15	300	110	3.0	#2 SN Observat	2	
0110.fmfs431	1200	09:52	16:55:59.3	-01:15:02	300	90	3.0	#171 Local Uni	2	row=84
0111.COMP	12	10:12	16:55:59.3	-01:15:02	300	90	3.0	#171 Local Uni	2	
0112.cirs3fastf130	1500	10:23	16:01:52.5	+18:28:37	300	90	3.0	#172 SDSS Clus	2	wait out clouds
0113.COMP	12	10:49	16:01:52.5	+18:28:37	300	90	3.0	#172 SDSS Clus	2	
0114-0123.BIAS	0	11:44	16:01:45.9	+15:08:20	300	90	3.0	#172 SDSS Clus	4	
0124-0133.FLAT	12	11:50	16:01:45.9	+15:08:20	300	90	3.0	#172 SDSS Clus	4	
0134-0143.BIAS	0	11:53	16:01:45.9	+15:08:20	300	90	3.0	#172 SDSS Clus	2	
0144-0163.FLAT	25	12:09	16:01:45.9	+15:08:20	300	90	3.0	#172 SDSS Clus	2	
0164-0173.DARK	900	14:29	16:01:45.9	+15:08:20	300	90	3.0	#172 SDSS Clus	2	

UT Date 2008-04-03 Observers M CalkinsColl. Focus 1330 Grating/Grism 300

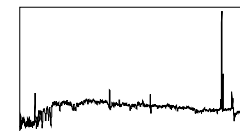
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001-0010.DARK	900	01:22	16:01:45.9	+15:08:20	300	90	3.0	#172 SDSS Clus	4	
0011-0020.BIAS	0	01:41	16:01:45.9	+15:08:20	300	90	3.0	#172 SDSS Clus	4	
0021-0030.FLAT	12	01:51	16:01:45.9	+15:08:20	300	90	3.0	#172 SDSS Clus	4	
0031-0040.BIAS	0	01:54	16:01:45.9	+15:08:20	300	90	3.0	#172 SDSS Clus	2	
0041-0060.FLAT	25	02:09	16:01:45.9	+15:08:20	300	90	3.0	#172 SDSS Clus	2	
0061.cvso-57116	300	03:36	05:39:58.1	+03:14:39	300	90	3.0	#112 Orion PMS	2	
0062.COMP	12	03:42	05:39:58.1	+03:14:39	300	90	3.0	#112 Orion PMS	2	
0063.cvso-60773	240	03:44	05:40:11.3	+04:00:17	300	90	3.0	#112 Orion PMS	2	row=88
0064.COMP	12	03:48	05:40:11.3	+04:00:17	300	90	3.0	#112 Orion PMS	2	
0065.cvso-57834	240	03:50	05:40:32.5	+03:04:26	300	90	3.0	#112 Orion PMS	2	
0066.COMP	12	03:54	05:40:32.5	+03:04:26	300	90	3.0	#112 Orion PMS	2	
0067.cvso-59976	240	03:55	05:42:22.6	+03:04:44	300	90	3.0	#112 Orion PMS	2	
0068.COMP	12	04:00	05:42:22.6	+03:04:44	300	90	3.0	#112 Orion PMS	2	
0069.cvso-58422	240	04:01	05:42:25.9	+01:46:18	300	90	3.0	#112 Orion PMS	2	
0070.COMP	12	04:05	05:42:25.9	+01:46:18	300	90	3.0	#112 Orion PMS	2	
0071.cvso-60275	240	04:06	05:42:36.8	+03:12:53	300	90	3.0	#112 Orion PMS	2	
0072.COMP	12	04:11	05:42:36.8	+03:12:53	300	90	3.0	#112 Orion PMS	2	
0073.cvso-60749	180	04:12	05:43:01.4	+03:21:24	300	90	3.0	#112 Orion PMS	2	
0074.COMP	12	04:16	05:43:01.4	+03:21:24	300	90	3.0	#112 Orion PMS	2	
0075.cvso-62800	180	04:17	05:44:58.8	+03:16:07	300	90	3.0	#112 Orion PMS	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0076.COMP	12	04:21	05:44:58.8	+03:16:07	300	90	3.0	#112 Orion PMS	2	
0077.cvso-67038	180	04:22	05:44:59.2	+03:39:04	300	90	3.0	#112 Orion PMS	2	
0078.COMP	12	04:25	05:44:59.2	+03:39:04	300	90	3.0	#112 Orion PMS	2	
0079.cvso-64548	180	04:26	05:46:28.3	+03:19:52	300	90	3.0	#112 Orion PMS	2	
0080.COMP	12	04:30	05:46:28.3	+03:19:52	300	90	3.0	#112 Orion PMS	2	
0081.cvso-69587	120	04:31	05:46:50.7	+03:48:21	300	90	3.0	#112 Orion PMS	2	
0082.COMP	12	04:34	05:46:50.7	+03:48:21	300	90	3.0	#112 Orion PMS	2	
0083.cvso-65253	300	04:35	05:47:03.3	+03:10:18	300	90	3.0	#112 Orion PMS	2	
0084.COMP	12	04:41	05:47:03.3	+03:10:18	300	90	3.0	#112 Orion PMS	2	
0085.cvso-70754	240	04:42	05:47:40.2	+03:35:34	300	90	3.0	#112 Orion PMS	2	row=86
0086.COMP	12	04:46	05:47:40.2	+03:35:34	300	90	3.0	#112 Orion PMS	2	
0087.cvso-66384	180	04:48	05:47:57.8	+03:25:43	300	90	3.0	#112 Orion PMS	2	
0088.COMP	12	04:51	05:47:57.8	+03:25:43	300	90	3.0	#112 Orion PMS	2	
0089.HD84937	12	04:54	09:48:54.9	+13:45:14	300	20	3.0	#56 Spectropho	2	
0090.HD84937	12	04:55	09:48:54.9	+13:45:14	300	20	3.0	#56 Spectropho	2	
0091.HD84937	12	04:55	09:48:54.9	+13:45:14	300	20	3.0	#56 Spectropho	2	
0092.COMP	12	04:57	09:48:54.9	+13:45:14	300	20	3.0	#56 Spectropho	2	
0093.Feige34	120	04:59	10:39:36.9	+43:06:11	300	18	3.0	#56 Spectropho	2	
0094.COMP	12	05:01	10:39:36.9	+43:06:11	300	18	3.0	#56 Spectropho	2	
0095.Feige34	120	05:02	10:39:36.9	+43:06:11	300	18	3.0	#56 Spectropho	2	

UT Date 2008-04-03 Observers M CalkinsColl. Focus 1330 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0096.COMP	12	05:05	10:39:36.9	+43:06:11	300	18	3.0	#56 Spectropho	2	
0097.SDSSJ1203+2439	420	05:06	12:03:19.8	+24:39:56	300	90	3.0	#181 Populatio	2	
0098.COMP	12	05:14	12:03:19.8	+24:39:56	300	90	3.0	#181 Populatio	2	
0099.SDSSJ1204+0759	1500	05:16	12:04:40.0	+07:59:16	300	90	3.0	#181 Populatio	2	
0100.COMP	12	05:42	12:04:40.0	+07:59:16	300	90	3.0	#181 Populatio	2	
0101.SDSSJ1224+1841	300	05:44	12:24:05.6	+18:41:03	300	90	3.0	#181 Populatio	2	
0102.COMP	12	05:50	12:24:05.6	+18:41:03	300	90	3.0	#181 Populatio	2	
0103.SDSSJ1225+0959	1200	05:52	12:25:22.6	+09:59:34	300	90	3.0	#181 Populatio	2	
0104.COMP	12	06:13	12:25:22.6	+09:59:34	300	90	3.0	#181 Populatio	2	
0105.SDSSJ1227+2202	600	06:14	12:27:12.2	+22:02:37	300	90	3.0	#181 Populatio	2	
0106.COMP	12	06:25	12:27:12.2	+22:02:37	300	90	3.0	#181 Populatio	2	
0107.SDSSJ1229+0406	1020	06:28	12:29:56.2	+04:06:40	300	70	3.0	#181 Populatio	2	
0108.COMP	12	06:45	12:29:56.2	+04:06:40	300	70	3.0	#181 Populatio	2	
0109.sn2008bf	1200	06:49	12:04:02.9	+20:14:43	300	8	3.0	#2 SN Observat	2	
0110.COMP	12	07:09	12:04:02.9	+20:14:43	300	8	3.0	#2 SN Observat	2	
0111.sn2008bn	1800	07:14	12:16:25.5	+47:01:41	300	-16	3.0	#2 SN Observat	2	row=86
0112.COMP	12	07:45	12:16:25.5	+47:01:41	300	-16	3.0	#2 SN Observat	2	
0113.SDSSJ1344+1837	300	07:50	13:44:37.7	+18:37:14	300	90	3.0	#181 Populatio	2	
0114.COMP	12	07:56	13:44:37.7	+18:37:14	300	90	3.0	#181 Populatio	2	
0115.SDSSJ1352+3429	660	07:57	13:52:28.5	+34:29:07	300	90	3.0	#181 Populatio	2	

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<i>File</i>	<i>Exp Time</i>	<i>UT Start</i>	<i>RA</i>	<i>Dec</i>	<i>Gr.</i>	<i>P.A.</i>	<i>Slit</i>	<i>Program</i>	<i>Bin</i>	<i>Comments</i>
0116.COMP	12	08:09	13:52:28.5	+34:29:07	300	90	3.0	#181 Populatio	2	
0117.SDSSJ1356+2641	420	08:10	13:56:27.9	+26:41:11	300	90	3.0	#181 Populatio	2	
0118.COMP	12	08:18	13:56:27.9	+26:41:11	300	90	3.0	#181 Populatio	2	
0119.SDSSJ1357+3514	600	08:19	13:57:19.5	+35:14:45	300	90	3.0	#181 Populatio	2	
0120.COMP	12	08:29	13:57:19.5	+35:14:45	300	90	3.0	#181 Populatio	2	
0121.cirrfastf074	1020	08:32	11:21:04.3	+03:27:32	300	90	3.0	#172 SDSS Clus	2	
0122.COMP	12	08:50	11:21:04.3	+03:27:32	300	90	3.0	#172 SDSS Clus	2	
0123.cirrfastf075	1020	08:51	11:21:14.5	+04:14:17	300	90	3.0	#172 SDSS Clus	2	
0124.COMP	12	09:09	11:21:14.5	+04:14:17	300	90	3.0	#172 SDSS Clus	2	
0125.fmfs394	900	09:11	13:46:29.6	-16:23:17	300	90	3.0	#171 Local Uni	2	
0126.COMP	12	09:27	13:46:29.6	-16:23:17	300	90	3.0	#171 Local Uni	2	
0127.fmfs395	540	09:28	13:46:35.1	-16:06:47	300	90	3.0	#171 Local Uni	2	
0128.COMP	12	09:38	13:46:35.1	-16:06:47	300	90	3.0	#171 Local Uni	2	
0129.fmfs396	480	09:39	13:46:51.3	-16:02:10	300	97	3.0	#171 Local Uni	2	
0130.COMP	12	09:48	13:46:51.3	-16:02:10	300	97	3.0	#171 Local Uni	2	
0131.fmfs397	1080	09:50	13:46:53.2	-16:49:06	300	97	3.0	#171 Local Uni	2	
0132.COMP	12	10:08	13:46:53.2	-16:49:06	300	97	3.0	#171 Local Uni	2	
0133.fmfs430	1800	10:11	16:55:37.1	-00:57:26	300	90	3.0	#171 Local Uni	2	
0134.COMP	12	10:41	16:55:37.1	-00:57:26	300	90	3.0	#171 Local Uni	2	
0135.fmfs432	600	10:45	16:56:21.7	-02:23:28	300	90	3.0	#171 Local Uni	2	

UT Date 2008-04-03 Observers M CalkinsColl. Focus 1330 Grating/Grism 300

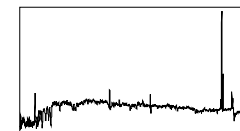
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0136.COMP	12	10:55	16:56:21.7	-02:23:28	300	90	3.0	#171 Local Uni	2	
0137.fmfs433	1020	10:57	16:56:25.8	-02:33:57	300	90	3.0	#171 Local Uni	2	
0138.COMP	12	11:15	16:56:25.8	-02:33:57	300	90	3.0	#171 Local Uni	2	
0139.sn2008bo	1500	11:20	18:19:54.3	+74:34:21	300	29	3.0	#2 SN Observat	2	
0140.COMP	12	11:46	18:19:54.3	+74:34:21	300	29	3.0	#2 SN Observat	2	
0141.BDp332642	120	11:49	15:52:00.0	+32:56:54	300	88	3.0	#56 Spectropho	2	
0142.COMP	12	11:52	15:52:00.0	+32:56:54	300	88	3.0	#56 Spectropho	2	
0143.BDp262606	45	11:57	14:49:02.4	+25:42:09	300	71	3.0	#56 Spectropho	2	
0144.COMP	12	11:58	14:49:02.4	+25:42:09	300	71	3.0	#56 Spectropho	2	
0145.fmfs454	300	12:00	17:00:14.4	-02:24:46	300	90	3.0	#171 Local Uni	2	row=85
0146.COMP	12	12:06	17:00:14.4	-02:24:46	300	90	3.0	#171 Local Uni	2	
0147.fmfs455	480	12:07	17:00:20.6	-02:25:48	300	90	3.0	#171 Local Uni	2	row=84
0148.COMP	12	12:16	17:00:20.6	-02:25:48	300	90	3.0	#171 Local Uni	2	
0149.N5866	180	12:19	15:06:29.5	+55:45:47	300	90	3.0	#57 Velocity S	2	
0150.COMP	12	12:22	15:06:29.5	+55:45:47	300	90	3.0	#57 Velocity S	2	
0151-0160.BIAS	0	12:26	15:06:29.5	+55:45:47	300	90	3.0	#171 Local Uni	4	
0161-0170.FLAT	12	12:30	15:06:29.5	+55:45:47	300	90	3.0	#171 Local Uni	4	
0171-0180.BIAS	0	12:33	15:06:29.5	+55:45:47	300	90	3.0	#171 Local Uni	2	
0181-0200.FLAT	25	12:46	15:06:29.5	+55:45:47	300	90	3.0	#171 Local Uni	2	
0201-0210.DARK	900	15:10	15:06:29.5	+55:45:47	300	90	3.0	#171 Local Uni	2	

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0001-0010.DARK	900	00:50	15:06:29.5	+55:45:47	300	90	3.0	#171 Local Uni	4	
0011-0020.BIAS	0	01:12	15:06:29.5	+55:45:47	300	90	3.0	#171 Local Uni	4	
0021-0030.FLAT	12	01:16	15:06:29.5	+55:45:47	300	90	3.0	#171 Local Uni	4	
0031-0040.BIAS	0	01:22	15:06:29.5	+55:45:47	300	90	3.0	#171 Local Uni	2	
0041-0060.FLAT	25	01:38	15:06:29.5	+55:45:47	300	90	3.0	#171 Local Uni	2	
0061.cvso-10657	360	02:40	04:58:12.4	+03:59:08	300	80	3.0	#112 Orion PMS	2	galaxy
0062.COMP	12	02:47	04:58:12.4	+03:59:08	300	80	3.0	#112 Orion PMS	2	
0063.cvso-10954	120	02:50	04:58:41.9	+02:33:45	300	90	3.0	#112 Orion PMS	2	
0064.COMP	12	02:53	04:58:41.9	+02:33:45	300	90	3.0	#112 Orion PMS	2	
0065.cvso-11206	180	02:54	04:58:53.7	+03:37:39	300	90	3.0	#112 Orion PMS	2	
0066.COMP	12	03:01	04:58:53.7	+03:37:39	300	90	3.0	#112 Orion PMS	2	
0067.cvso-11374	210	03:02	04:59:06.2	+03:45:05	300	90	3.0	#112 Orion PMS	2	
0068.COMP	12	03:06	04:59:06.2	+03:45:05	300	90	3.0	#112 Orion PMS	2	
0069.cvso-11732	180	03:07	04:59:32.4	+03:42:10	300	90	3.0	#112 Orion PMS	2	
0070.COMP	12	03:11	04:59:32.4	+03:42:10	300	90	3.0	#112 Orion PMS	2	
0071.cvso-15220	180	03:12	05:04:16.7	+03:11:13	300	90	3.0	#112 Orion PMS	2	
0072.COMP	12	03:15	05:04:16.7	+03:11:13	300	90	3.0	#112 Orion PMS	2	
0073.cvso-16417	270	03:16	05:04:38.3	+02:29:17	300	80	3.0	#112 Orion PMS	2	
0074.COMP	12	03:21	05:04:38.3	+02:29:17	300	80	3.0	#112 Orion PMS	2	
0075.cvso-15970	240	03:24	05:05:40.5	+01:56:39	300	90	3.0	#112 Orion PMS	2	

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0076.COMP	12	03:28	05:05:40.5	+01:56:39	300	90	3.0	#112 Orion PMS	2	
0077.SDSS0803+3022	1200	03:31	08:03:42.0	+30:22:55	300	80	3.0	#165 Quasar Br	2	
0078.SDSS0803+3022	1200	03:51	08:03:42.0	+30:22:55	300	80	3.0	#165 Quasar Br	2	
0079.SDSS0803+3022	1200	04:11	08:03:42.0	+30:22:55	300	80	3.0	#165 Quasar Br	2	
0080.COMP	12	04:32	08:03:42.0	+30:22:55	300	80	3.0	#165 Quasar Br	2	
0081.HD84937	12	04:34	09:48:54.9	+13:45:14	300	10	3.0	#56 Spectropho	2	
0082.HD84937	12	04:34	09:48:54.9	+13:45:14	300	10	3.0	#56 Spectropho	2	
0083.HD84937	12	04:35	09:48:54.9	+13:45:14	300	10	3.0	#56 Spectropho	2	
0084.COMP	12	04:36	09:48:54.9	+13:45:14	300	10	3.0	#56 Spectropho	2	
0085.SDSS0839+5020	1200	04:39	08:39:14.1	+50:20:38	300	-35	3.0	#165 Quasar Br	2	
0086.SDSS0839+5020	1200	04:59	08:39:14.1	+50:20:38	300	-35	3.0	#165 Quasar Br	2	
0087.SDSS0839+5020	1200	05:19	08:39:14.1	+50:20:38	300	-35	3.0	#165 Quasar Br	2	
0088.COMP	12	05:40	08:39:14.1	+50:20:38	300	-35	3.0	#165 Quasar Br	2	
0089.Feige34	120	05:42	10:39:36.9	+43:06:11	300	-29	3.0	#56 Spectropho	2	
0090.COMP	12	05:45	10:39:36.9	+43:06:11	300	-29	3.0	#56 Spectropho	2	
0091.SDSS1022+0214	1200	05:49	10:22:14.8	+02:14:29	300	22	3.0	#165 Quasar Br	2	row=75
0092.SDSS1022+0214	1200	06:09	10:22:14.8	+02:14:29	300	22	3.0	#165 Quasar Br	2	
0093.SDSS1022+0214	1200	06:29	10:22:14.8	+02:14:29	300	22	3.0	#165 Quasar Br	2	
0094.COMP	12	06:51	10:22:14.8	+02:14:29	300	22	3.0	#165 Quasar Br	2	
0095.SDSS1004+4231	1200	07:22	10:04:01.3	+42:31:23	300	100	3.0	#165 Quasar Br	2	

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0096.SDSS1004+4231	1200	07:42	10:04:01.3	+42:31:23	300	100	3.0	#165 Quasar Br	2	
0097.SDSS1004+4231	1200	08:02	10:04:01.3	+42:31:23	300	100	3.0	#165 Quasar Br	2	
0098.COMP	12	08:23	10:04:01.3	+42:31:23	300	100	3.0	#165 Quasar Br	2	
0099.SDSS1113+0914	900	08:26	11:13:16.4	+09:14:39	300	53	3.0	#165 Quasar Br	2	
0100.SDSS1113+0914	900	08:41	11:13:16.4	+09:14:39	300	53	3.0	#165 Quasar Br	2	
0101.SDSS1113+0914	900	08:56	11:13:16.4	+09:14:39	300	53	3.0	#165 Quasar Br	2	
0102.COMP	12	09:12	11:13:16.4	+09:14:39	300	53	3.0	#165 Quasar Br	2	
0103.sn2008bj	1800	09:19	11:51:47.8	+46:52:30	300	100	3.0	#2 SN Observat	2	
0104.COMP	12	09:50	11:51:47.8	+46:52:30	300	100	3.0	#2 SN Observat	2	
0105.SDSS1205+0201	900	09:53	12:05:50.2	+02:01:32	300	61	3.0	#165 Quasar Br	2	
0106.SDSS1205+0201	900	10:08	12:05:50.2	+02:01:32	300	61	3.0	#165 Quasar Br	2	
0107.SDSS1205+0201	900	10:24	12:05:50.2	+02:01:32	300	61	3.0	#165 Quasar Br	2	
0108.COMP	12	10:39	12:05:50.2	+02:01:32	300	61	3.0	#165 Quasar Br	2	
0109.sn2008ar	1800	10:42	12:24:37.9	+10:50:17	300	59	3.0	#2 SN Observat	2	
0110.COMP	12	11:12	12:24:37.9	+10:50:17	300	59	3.0	#2 SN Observat	2	
0111.fmb264	1500	11:19	17:13:32.6	+77:35:57	300	90	3.0	#171f Local Un	2	
0112.COMP	12	11:45	17:13:32.6	+77:35:57	300	90	3.0	#171f Local Un	2	
0113.fmb265	480	11:48	17:13:45.2	+78:12:14	300	90	3.0	#171f Local Un	2	
0114.COMP	12	11:56	17:13:45.2	+78:12:14	300	90	3.0	#171f Local Un	2	
0115.fmb270	240	11:57	17:13:56.7	+78:08:20	300	90	3.0	#171f Local Un	2	



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0116.COMP	12	12:02	17:13:56.7	+78:08:20	300	90	3.0	#171f Local Un	2	
0117.fmb273	480	12:03	17:14:19.4	+77:53:11	300	90	3.0	#171f Local Un	2	
0118.COMP	12	12:12	17:14:19.4	+77:53:11	300	90	3.0	#171f Local Un	2	
0119.fmb274	480	12:14	17:14:33.7	+78:11:16	300	90	3.0	#171f Local Un	2	
0120.COMP	12	12:22	17:14:33.7	+78:11:16	300	90	3.0	#171f Local Un	2	
0121-0130.BIAS	0	12:26	17:14:33.7	+78:11:16	300	90	3.0	#171 Local Uni	4	
0131-0140.FLAT	12	12:30	17:14:33.7	+78:11:16	300	90	3.0	#171 Local Uni	4	
0141-0150.BIAS	0	12:35	17:14:33.7	+78:11:16	300	90	3.0	#171 Local Uni	2	
0151-0170.FLAT	25	12:47	17:14:33.7	+78:11:16	300	90	3.0	#171 Local Uni	2	
0171-0180.DARK	900	15:07	17:14:33.7	+78:11:16	300	90	3.0	#171 Local Uni	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	01:26	07:10:00.0	+32:00:00	300	90	3.0	#57 Velocity S	2	
0011-0025.FLAT	25	01:36	07:10:00.0	+32:00:00	300	90	3.0	#57 Velocity S	2	
0026-0030.sky	3	01:56	07:25:00.0	+32:00:00	300	90	3.0	#57 Velocity S	2	
0031.COMP	10	01:56	07:25:00.0	+32:00:00	300	90	3.0	#57 Velocity S	2	
0032.IPHASB_1844	180	02:24	05:03:27.6	+41:42:17	300	90	3.0	#157 IPHAS	2	
0033.COMP	10	02:28	05:03:27.6	+41:42:17	300	90	3.0	#157 IPHAS	2	
0034.IPHASB_1874	150	02:29	05:14:27.2	+41:24:19	300	90	3.0	#157 IPHAS	2	
0035.COMP	10	02:32	05:14:27.2	+41:24:19	300	90	3.0	#157 IPHAS	2	
0036.IPHASB_1883	150	02:33	05:18:27.4	+30:08:50	300	90	3.0	#157 IPHAS	2	
0037.COMP	10	02:36	05:18:27.4	+30:08:50	300	90	3.0	#157 IPHAS	2	
0038.IPHASB_1885	150	02:37	05:19:38.2	+33:03:02	300	90	3.0	#157 IPHAS	2	
0039.COMP	10	02:39	05:19:38.2	+33:03:02	300	90	3.0	#157 IPHAS	2	
0040.IPHASB_1877	150	02:40	05:16:21.7	+35:29:42	300	90	3.0	#157 IPHAS	2	no em id ok
0041.COMP	10	02:43	05:16:21.7	+35:29:42	300	90	3.0	#157 IPHAS	2	
0042.IPHASB_1878	150	02:44	05:16:33.3	+41:46:41	300	90	3.0	#157 IPHAS	2	
0043.COMP	10	02:47	05:16:33.3	+41:46:41	300	90	3.0	#157 IPHAS	2	
0044.IPHASB_1801	180	02:48	04:48:12.1	+41:18:19	300	90	3.0	#157 IPHAS	2	
0045.COMP	10	02:52	04:48:12.1	+41:18:19	300	90	3.0	#157 IPHAS	2	
0046.IPHASB_1803	303	02:52	04:48:18.0	+43:36:43	300	90	3.0	#157 IPHAS	2	
0047.COMP	10	02:58	04:48:18.0	+43:36:43	300	90	3.0	#157 IPHAS	2	

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0048.IPHASB_1799	240	02:59	04:47:48.6	+51:41:04	300	90	3.0	#157 IPHAS	2	
0049.COMP	10	03:03	04:47:48.6	+51:41:04	300	90	3.0	#157 IPHAS	2	
0050.IPHASB_1795	330	03:04	04:46:17.2	+51:10:02	300	90	3.0	#157 IPHAS	2	
0051.COMP	10	03:10	04:46:17.2	+51:10:02	300	90	3.0	#157 IPHAS	2	
0052.IPHASB_1798	390	03:11	04:47:25.4	+46:16:29	300	90	3.0	#157 IPHAS	2	
0053.COMP	10	03:18	04:47:25.4	+46:16:29	300	90	3.0	#157 IPHAS	2	
0054.IPHASB_1846	330	03:19	05:05:28.2	+39:31:24	300	90	3.0	#157 IPHAS	2	
0055.COMP	10	03:25	05:05:28.2	+39:31:24	300	90	3.0	#157 IPHAS	2	
0056.IPHASB_1843	300	03:26	05:03:25.9	+33:33:02	300	90	3.0	#157 IPHAS	2	
0057.COMP	10	03:31	05:03:25.9	+33:33:02	300	90	3.0	#157 IPHAS	2	
0058.IPHASB_1907	240	03:32	05:25:50.1	+30:45:52	300	90	3.0	#157 IPHAS	2	
0059.COMP	10	03:36	05:25:50.1	+30:45:52	300	90	3.0	#157 IPHAS	2	
0060.IPHASB_1905	150	03:37	05:25:24.2	+30:05:44	300	90	3.0	#157 IPHAS	2	
0061.COMP	10	03:40	05:25:24.2	+30:05:44	300	90	3.0	#157 IPHAS	2	
0062.IPHASB_1903	150	03:40	05:25:09.1	+36:29:18	300	90	3.0	#157 IPHAS	2	
0063.COMP	10	03:43	05:25:09.1	+36:29:18	300	90	3.0	#157 IPHAS	2	
0064.IPHASB_1948	330	03:44	05:30:40.9	+26:05:35	300	90	3.0	#157 IPHAS	2	
0065.COMP	10	03:50	05:30:40.9	+26:05:35	300	90	3.0	#157 IPHAS	2	
0066.IPHASB_1953	150	03:51	05:32:37.1	+26:01:07	300	90	3.0	#157 IPHAS	2	
0067.COMP	10	03:54	05:32:37.1	+26:01:07	300	90	3.0	#157 IPHAS	2	

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0068.IPHASB_1952	660	03:55	05:32:16.3	+31:42:24	300	90	3.0	#157 IPHAS	2	
0069.COMP	10	04:06	05:32:16.3	+31:42:24	300	90	3.0	#157 IPHAS	2	
0070.IPHASB_2055	240	04:07	06:03:02.6	+31:17:24	300	90	3.0	#157 IPHAS	2	
0071.COMP	10	04:12	06:03:02.6	+31:17:24	300	90	3.0	#157 IPHAS	2	
0072.S120.2353P36.0902	1800	04:15	08:00:56.5	+36:05:25	300	90	3.0	#129 CHAMP Sou	2	em ok
0073.COMP	10	04:46	08:00:56.5	+36:05:25	300	90	3.0	#129 CHAMP Sou	2	
0074.HD84937	20	04:48	09:48:54.9	+13:45:14	300	20	3.0	#56 Spectropho	2	
0075.HD84937	20	04:49	09:48:54.9	+13:45:14	300	20	3.0	#56 Spectropho	2	
0076.HD84937	20	04:49	09:48:54.9	+13:45:14	300	20	3.0	#56 Spectropho	2	
0077.HD84937	20	04:50	09:48:54.9	+13:45:14	300	20	3.0	#56 Spectropho	2	
0078.HD84937	20	04:50	09:48:54.9	+13:45:14	300	20	3.0	#56 Spectropho	2	
0079.COMP	10	04:51	09:48:54.9	+13:45:14	300	20	3.0	#56 Spectropho	2	
0080.Feige34	180	04:53	10:39:36.9	+43:06:11	300	0	3.0	#56 Spectropho	2	
0081.Feige34	180	04:56	10:39:36.9	+43:06:11	300	0	3.0	#56 Spectropho	2	
0082.COMP	10	04:59	10:39:36.9	+43:06:11	300	0	3.0	#56 Spectropho	2	
0083.sn2008bn	1800	05:02	12:16:25.5	+47:01:41	300	55	3.0	#2 SN Observat	2	
0084.COMP	10	05:32	12:16:25.5	+47:01:41	300	55	3.0	#2 SN Observat	2	
0085.BIAS	0	05:43	11:33:39.5	+31:59:10	1200	90	3.0	#2 SN Observat	2	power cord falls out of recept on telescope, minor disaster
0086.test	30	05:56	12:37:23.5	+25:04:01	1200	90	3.0	#180 Stellar a	2	
0087.Feige66	60	05:58	12:37:23.5	+25:04:01	1200	90	3.0	#180 Stellar a	2	1200-line, 3-sec, 5100A, OSullivan

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0088.Feige66	60	06:00	12:37:23.5	+25:04:01	1200	90	3.0	#180 Stellar a	2	
0089.Feige66	60	06:01	12:37:23.5	+25:04:01	1200	90	3.0	#180 Stellar a	2	
0090.COMP	30	06:02	12:37:23.5	+25:04:01	1200	90	3.0	#180 Stellar a	2	
0091.NGC4555	1800	06:04	12:35:41.2	+26:31:23	1200	35	3.0	#180 Stellar a	2	minor axis
0093.COMP	30	06:35	12:35:41.2	+26:31:23	1200	35	3.0	#180 Stellar a	2	
0094.NGC4555	1800	06:36	12:35:41.2	+26:31:23	1200	35	3.0	#180 Stellar a	2	
0095.COMP	30	07:07	12:35:41.2	+26:31:23	1200	35	3.0	#180 Stellar a	2	
0096.NGC4555	1800	07:08	12:35:41.2	+26:31:23	1200	35	3.0	#180 Stellar a	2	
0097.COMP	30	07:38	12:35:41.2	+26:31:23	1200	35	3.0	#180 Stellar a	2	
0098.NGC4555	1800	07:41	12:35:41.2	+26:31:23	1200	-55	3.0	#180 Stellar a	2	major axis
0099.COMP	30	08:12	12:35:41.2	+26:31:23	1200	-55	3.0	#180 Stellar a	2	
0100.NGC4555	1800	08:13	12:35:41.2	+26:31:23	1200	-55	3.0	#180 Stellar a	2	
0101.COMP	30	08:43	12:35:41.2	+26:31:23	1200	-55	3.0	#180 Stellar a	2	
0102.NGC4555	1800	08:44	12:35:41.2	+26:31:23	1200	-55	3.0	#180 Stellar a	2	
0103.COMP	30	09:15	12:35:41.2	+26:31:23	1200	-55	3.0	#180 Stellar a	2	
0104.FLAT	60	09:21	15:00:00.0	+32:00:00	1200	90	3.0	#180 Stellar a	2	1200-line, 3-sec, 5100A
0105-0113.FLAT	60	09:32	15:00:00.0	+32:00:00	1200	90	3.0	#180 Stellar a	2	
0114.test	10	09:39	15:25:00.0	+32:00:00	300	90	3.0	#57 Velocity S	2	
0115.test	10	09:40	15:25:00.0	+32:00:00	300	90	3.0	#57 Velocity S	2	300-line, 3-sec, combo
0116.N4853	240	09:42	12:58:35.1	+27:35:47	300	90	3.0	#57 Velocity S	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0117.COMP	10	09:46	12:58:35.1	+27:35:47	300	90	3.0	#57 Velocity S	2	
0118.sn2008ax	1500	09:49	12:30:40.8	+41:38:15	300	90	3.0	#2 SN Observat	2	
0119.COMP	10	10:14	12:30:40.8	+41:38:15	300	90	3.0	#2 SN Observat	2	
0120.3C310	1800	10:16	15:04:57.2	+26:00:58	300	110	3.0	#177 3CRR Radi	2	comp gal to east also in slit as requested
0121.COMP	10	10:47	15:04:57.2	+26:00:58	300	110	3.0	#177 3CRR Radi	2	
0122.3C310	1800	10:49	15:04:57.2	+26:00:58	300	23	3.0	#177 3CRR Radi	2	
0123.COMP	10	11:19	15:04:57.2	+26:00:58	300	23	3.0	#177 3CRR Radi	2	
0124.17115865-2438004	660	11:24	17:11:58.7	-24:38:00	300	0	3.0	#141 Mapping t	2	
0125.COMP	10	11:35	17:11:58.7	-24:38:00	300	0	3.0	#141 Mapping t	2	
0126.17121989-2324187	720	11:37	17:12:19.9	-23:24:19	300	0	3.0	#141 Mapping t	2	
0127.COMP	10	11:49	17:12:19.9	-23:24:19	300	0	3.0	#141 Mapping t	2	
0128.RSOph	10	11:50	17:50:13.0	-06:42:30	300	0	3.0	#12 Symbiotic	2	
0129.RSOph	60	11:51	17:50:13.0	-06:42:30	300	0	3.0	#12 Symbiotic	2	
0130.COMP	10	11:52	17:50:13.0	-06:42:30	300	0	3.0	#12 Symbiotic	2	
0131.AS289	10	11:53	18:12:22.0	-11:40:08	300	0	3.0	#12 Symbiotic	2	
0132.AS289	60	11:54	18:12:22.0	-11:40:08	300	0	3.0	#12 Symbiotic	2	
0133.COMP	10	11:55	18:12:22.0	-11:40:08	300	0	3.0	#12 Symbiotic	2	
0134.AS296	10	11:57	18:15:07.0	-00:18:52	300	0	3.0	#12 Symbiotic	2	
0135.AS296	2	11:57	18:15:07.0	-00:18:52	300	0	3.0	#12 Symbiotic	2	
0136.AS296	60	11:57	18:15:07.0	-00:18:52	300	0	3.0	#12 Symbiotic	2	

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<i>File</i>	<i>Exp Time</i>	<i>UT Start</i>	<i>RA</i>	<i>Dec</i>	<i>Gr.</i>	<i>P.A.</i>	<i>Slit</i>	<i>Program</i>	<i>Bin</i>	<i>Comments</i>
0137.COMP	10	11:59	18:15:07.0	-00:18:52	300	0	3.0	#12 Symbiotic	2	
0138.BFCyg	2	12:00	19:23:53.0	+29:40:27	300	0	3.0	#12 Symbiotic	2	
0139.BFCyg	10	12:01	19:23:53.0	+29:40:27	300	0	3.0	#12 Symbiotic	2	
0140.BFCyg	60	12:01	19:23:53.0	+29:40:27	300	0	3.0	#12 Symbiotic	2	
0141.COMP	10	12:03	19:23:53.0	+29:40:27	300	0	3.0	#12 Symbiotic	2	
0142.V1016Cyg	120	12:05	19:57:05.0	+39:49:37	300	90	3.0	#12 Symbiotic	2	oh
0143.V1016Cyg	10	12:08	19:57:05.0	+39:49:37	300	90	3.0	#12 Symbiotic	2	
0144.V1016Cyg	2	12:08	19:57:05.0	+39:49:37	300	90	3.0	#12 Symbiotic	2	
0145.COMP	10	12:08	19:57:05.0	+39:49:37	300	90	3.0	#12 Symbiotic	2	
0146.V1515Cyg	150	12:09	20:23:48.0	+42:12:24	300	90	3.0	#12 Symbiotic	2	
0147.COMP	10	12:12	20:23:48.0	+42:12:24	300	90	3.0	#12 Symbiotic	2	
0148.AGDra	15	12:14	16:01:41.0	+66:48:10	300	90	3.0	#12 Symbiotic	2	
0149.AGDra	45	12:15	16:01:41.0	+66:48:10	300	90	3.0	#12 Symbiotic	2	
0150.AGDra	2	12:16	16:01:41.0	+66:48:10	300	90	3.0	#12 Symbiotic	2	
0151.COMP	10	12:16	16:01:41.0	+66:48:10	300	90	3.0	#12 Symbiotic	2	10-pix shift, hmmm
0152-0161.BIAS	0	12:20	16:01:41.0	+66:48:10	300	90	3.0	#57 Velocity S	2	
0162-0176.FLAT	25	12:29	16:01:41.0	+66:48:10	300	90	3.0	#57 Velocity S	2	
0177-0181.DARK	900	13:40	16:01:41.0	+66:48:10	300	90	3.0	#57 Velocity S	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001-0005.DARK	900	23:14	16:01:41.0	+66:48:10	300	90	3.0	#57 Velocity S	2	
0006-0020.BIAS	0	01:02	16:01:41.0	+66:48:10	300	90	3.0	#57 Velocity S	2	
0021-0035.FLAT	25	01:11	16:01:41.0	+66:48:10	300	90	3.0	#57 Velocity S	2	
0036-0040.sky	3	01:56	07:30:00.0	+32:00:00	300	90	3.0	#57 Velocity S	2	
0041.COMP	10	01:57	07:30:00.0	+32:00:00	300	90	3.0	#57 Velocity S	2	
0042.IPHASB_1958	150	02:29	05:33:13.7	+28:23:54	300	90	3.0	#157 IPHAS	2	id ok no em
0043.COMP	10	02:32	05:33:13.7	+28:23:54	300	90	3.0	#157 IPHAS	2	
0044.IPHASB_1978	150	02:33	05:36:42.9	+25:04:06	300	90	3.0	#157 IPHAS	2	
0045.COMP	10	02:36	05:36:42.9	+25:04:06	300	90	3.0	#157 IPHAS	2	
0046.IPHASB_1979	150	02:37	05:36:45.7	+27:46:24	300	90	3.0	#157 IPHAS	2	
0047.COMP	10	02:39	05:36:45.7	+27:46:24	300	90	3.0	#157 IPHAS	2	
0048.IPHASB_1956	150	02:40	05:33:09.1	+29:11:03	300	90	3.0	#157 IPHAS	2	
0049.COMP	10	02:43	05:33:09.1	+29:11:03	300	90	3.0	#157 IPHAS	2	
0050.IPHASB_1899	150	02:44	05:24:29.9	+30:19:51	300	90	3.0	#157 IPHAS	2	
0051.COMP	10	02:47	05:24:29.9	+30:19:51	300	90	3.0	#157 IPHAS	2	
0052.IPHASB_1896	150	02:48	05:23:40.5	+34:51:45	300	90	3.0	#157 IPHAS	2	
0053.COMP	10	02:51	05:23:40.5	+34:51:45	300	90	3.0	#157 IPHAS	2	
0054.IPHASB_1888	150	02:52	05:20:56.0	+38:42:31	300	90	3.0	#157 IPHAS	2	
0055.COMP	10	02:54	05:20:56.0	+38:42:31	300	90	3.0	#157 IPHAS	2	
0056.IPHASB_1881	210	02:55	05:17:03.5	+40:50:53	300	90	3.0	#157 IPHAS	2	

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0057.COMP	10	02:59	05:17:03.5	+40:50:53	300	90	3.0	#157 IPHAS	2	
0058.IPHASB_1879	720	03:00	05:16:34.4	+40:28:56	300	90	3.0	#157 IPHAS	2	
0059.COMP	10	03:13	05:16:34.4	+40:28:56	300	90	3.0	#157 IPHAS	2	
0060.IPHASB_1810	720	03:14	04:50:00.0	+41:14:34	300	90	3.0	#157 IPHAS	2	
0061.COMP	10	03:26	04:50:00.0	+41:14:34	300	90	3.0	#157 IPHAS	2	
0062.IPHASB_1821	240	03:27	04:55:01.7	+36:26:03	300	90	3.0	#157 IPHAS	2	
0063.COMP	10	03:31	04:55:01.7	+36:26:03	300	90	3.0	#157 IPHAS	2	
0064.IPHASB_1853	720	03:32	05:08:27.0	+36:13:43	300	90	3.0	#157 IPHAS	2	
0065.COMP	10	03:45	05:08:27.0	+36:13:43	300	90	3.0	#157 IPHAS	2	
0066.IPHASB_1897	150	03:46	05:23:41.0	+27:21:51	300	90	3.0	#157 IPHAS	2	
0067.COMP	10	03:48	05:23:41.0	+27:21:51	300	90	3.0	#157 IPHAS	2	
0068.IPHASB_1901	660	03:49	05:25:00.4	+29:42:50	300	90	3.0	#157 IPHAS	2	
0069.COMP	10	04:01	05:25:00.4	+29:42:50	300	90	3.0	#157 IPHAS	2	
0070.IPHASB_1900	180	04:02	05:24:32.7	+33:20:58	300	90	3.0	#157 IPHAS	2	
0071.COMP	10	04:05	05:24:32.7	+33:20:58	300	90	3.0	#157 IPHAS	2	
0072.IPHASB_2003	720	04:06	05:47:48.4	+28:35:11	300	90	3.0	#157 IPHAS	2	nice cv
0073.COMP	10	04:18	05:47:48.4	+28:35:11	300	90	3.0	#157 IPHAS	2	
0074.IPHASB_1995	240	04:19	05:41:54.0	+32:36:13	300	90	3.0	#157 IPHAS	2	
0075.COMP	10	04:23	05:41:54.0	+32:36:13	300	90	3.0	#157 IPHAS	2	
0076.IPHASB_1997	240	04:24	05:44:31.9	+32:04:49	300	90	3.0	#157 IPHAS	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0077.COMP	10	04:29	05:44:31.9	+32:04:49	300	90	3.0	#157 IPHAS	2	
0078.IPHASB_2044	150	04:30	06:00:28.3	+22:56:22	300	90	3.0	#157 IPHAS	2	
0079.COMP	10	04:32	06:00:28.3	+22:56:22	300	90	3.0	#157 IPHAS	2	
0080.IPHASB_2043	150	04:33	05:59:57.0	+21:30:12	300	90	3.0	#157 IPHAS	2	
0081.COMP	10	04:36	05:59:57.0	+21:30:12	300	90	3.0	#157 IPHAS	2	
0082.HD84937	20	04:40	09:48:54.9	+13:45:14	300	20	3.0	#56 Spectropho	2	
0083.HD84937	20	04:40	09:48:54.9	+13:45:14	300	20	3.0	#56 Spectropho	2	
0084.HD84937	20	04:41	09:48:54.9	+13:45:14	300	20	3.0	#56 Spectropho	2	
0085.HD84937	20	04:41	09:48:54.9	+13:45:14	300	20	3.0	#56 Spectropho	2	
0086.HD84937	20	04:42	09:48:54.9	+13:45:14	300	20	3.0	#56 Spectropho	2	
0087.COMP	10	04:42	09:48:54.9	+13:45:14	300	20	3.0	#56 Spectropho	2	
0088.XS05779B3_006	1500	04:50	09:58:45.4	+47:03:24	300	0	3.0	#129 ChaMP Sou	2	nice qso
0089.COMP	10	05:15	09:58:45.4	+47:03:24	300	0	3.0	#129 ChaMP Sou	2	
0090.Feige34	180	05:17	10:39:36.9	+43:06:11	300	0	3.0	#56 Spectropho	2	
0091.Feige34	180	05:20	10:39:36.9	+43:06:11	300	0	3.0	#56 Spectropho	2	
0092.COMP	10	05:24	10:39:36.9	+43:06:11	300	0	3.0	#56 Spectropho	2	
0093.XS05608B7_012	300	05:25	10:48:34.4	+46:31:51	300	0	3.0	#129 ChaMP Sou	2	
0094.COMP	10	05:30	10:48:34.4	+46:31:51	300	0	3.0	#129 ChaMP Sou	2	
0095.XS05008B1_009	120	05:31	11:14:14.2	+53:17:07	300	0	3.0	#129 ChaMP Sou	2	
0096.COMP	10	05:33	11:14:14.2	+53:17:07	300	0	3.0	#129 ChaMP Sou	2	

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0097.XS05836B2_017	600	05:35	11:17:38.2	+17:49:05	300	0	3.0	#129 ChaMP Sou	2	weak LSB no em
0098.COMP	10	05:46	11:17:38.2	+17:49:05	300	0	3.0	#129 ChaMP Sou	2	
0099.XS05836B1_019EW	900	05:49	11:17:46.3	+17:44:25	300	30	3.0	#129 ChaMP Sou	2	NE and SW comps in slit, both at same redshift
0100.COMP	10	06:04	11:17:46.3	+17:44:25	300	30	3.0	#129 ChaMP Sou	2	
0101.sn2008bj	1800	06:07	11:51:47.8	+46:52:30	300	-5	3.0	#2 SN Observat	2	
0102.COMP	10	06:37	11:51:47.8	+46:52:30	300	-5	3.0	#2 SN Observat	2	
0103.sn2008bf	1200	06:40	12:04:02.9	+20:14:43	300	15	3.0	#2 SN Observat	2	
0104.COMP	10	07:00	12:04:02.9	+20:14:43	300	15	3.0	#2 SN Observat	2	
0105.XS04871B7_005	420	07:02	11:38:58.6	-01:57:41	300	15	3.0	#129 ChaMP Sou	2	
0106.COMP	10	07:09	11:38:58.6	-01:57:41	300	15	3.0	#129 ChaMP Sou	2	
0107.XS03140B7_019	180	07:10	11:55:50.4	-01:52:31	300	15	3.0	#129 ChaMP Sou	2	original target
0108.XS03140B7_019N	120	07:14	11:55:50.4	-01:52:31	300	15	3.0	#129 ChaMP Sou	2	
0109.COMP	10	07:16	11:55:50.4	-01:52:31	300	15	3.0	#129 ChaMP Sou	2	
0110.RWHya	2	07:23	13:34:18.0	-25:22:51	300	0	3.0	#12 Symbiotic	2	
0111.RWHya	15	07:23	13:34:18.0	-25:22:51	300	0	3.0	#12 Symbiotic	2	
0112.COMP	10	07:24	13:34:18.0	-25:22:51	300	0	3.0	#12 Symbiotic	2	
0113.N4853	240	07:27	12:58:35.1	+27:35:47	300	90	3.0	#57 Velocity S	2	
0114.COMP	10	07:32	12:58:35.1	+27:35:47	300	90	3.0	#57 Velocity S	2	
0115.XS04659B7_030	1500	07:35	11:28:09.6	+56:52:04	300	90	3.0	#129 ChaMP Sou	2	
0116.COMP	10	08:00	11:28:09.6	+56:52:04	300	90	3.0	#129 ChaMP Sou	2	

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0117.3C321	1800	08:05	15:31:43.4	+24:04:18	300	65	3.0	#177 3CRR Radi	2	
0118.COMP	10	08:36	15:31:43.4	+24:04:18	300	65	3.0	#177 3CRR Radi	2	
0119.3C321	1800	08:38	15:31:43.4	+24:04:18	300	-30	3.0	#177 3CRR Radi	2	
0120.COMP	10	09:09	15:31:43.4	+24:04:18	300	-30	3.0	#177 3CRR Radi	2	
0121.BIAS	0	09:16	15:52:09.1	+20:05:24	300	-28	3.0	#57 Velocity S	2	ccd locked up again
0123.3C326	1800	09:17	15:52:09.1	+20:05:24	300	-28	3.0	#177 3CRR Radi	2	ID ok
0124.COMP	10	09:47	15:52:09.1	+20:05:24	300	-28	3.0	#177 3CRR Radi	2	
0125.3C326	1800	09:50	15:52:09.1	+20:05:24	300	62	3.0	#177 3CRR Radi	2	
0126.COMP	10	10:20	15:52:09.1	+20:05:24	300	62	3.0	#177 3CRR Radi	2	
0127.B2_1553+24	1500	10:22	15:56:03.9	+24:26:53	300	15	3.0	#177 3CRR Radi	2	
0128.COMP	10	10:47	15:56:03.9	+24:26:53	300	15	3.0	#177 3CRR Radi	2	
0129.B2_1553+24	1500	10:49	15:56:03.9	+24:26:53	300	105	3.0	#177 3CRR Radi	2	finishes the project
0130.COMP	10	11:14	15:56:03.9	+24:26:53	300	105	3.0	#177 3CRR Radi	2	
0131.BDp332642	120	11:16	15:52:00.0	+32:56:54	300	91	3.0	#56 Spectropho	2	
0132.BDp332642	120	11:18	15:52:00.0	+32:56:54	300	91	3.0	#56 Spectropho	2	
0133.COMP	10	11:21	15:52:00.0	+32:56:54	300	91	3.0	#56 Spectropho	2	
0134.sn2008bo	1500	11:26	18:19:54.3	+74:34:21	300	22	3.0	#2 SN Observat	2	
0135.COMP	10	11:51	18:19:54.3	+74:34:21	300	22	3.0	#2 SN Observat	2	
0136.AS360	60	11:55	19:45:49.0	+18:36:49	300	90	3.0	#12 Symbiotic	2	
0137.AS360	300	11:57	19:45:49.0	+18:36:49	300	90	3.0	#12 Symbiotic	2	

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0138.COMP	10	12:02	19:45:49.0	+18:36:49	300	90	3.0	#12 Symbiotic	2	
0139.V2468Cyg	10	12:04	19:58:33.6	+29:52:12	300	90	3.0	#12 Symbiotic	2	cool nova
0140.V2468Cyg	10	12:04	19:58:33.6	+29:52:12	300	90	3.0	#12 Symbiotic	2	
0141.V2468Cyg	2	12:05	19:58:33.6	+29:52:12	300	90	3.0	#12 Symbiotic	2	
0142.V2468Cyg	30	12:05	19:58:33.6	+29:52:12	300	90	3.0	#12 Symbiotic	2	
0143.COMP	10	12:06	19:58:33.6	+29:52:12	300	90	3.0	#12 Symbiotic	2	
0144.BFCyg	10	12:07	19:23:53.0	+29:40:27	300	90	3.0	#12 Symbiotic	2	
0145.BFCyg	60	12:08	19:23:53.0	+29:40:27	300	90	3.0	#12 Symbiotic	2	
0146.COMP	10	12:09	19:23:53.0	+29:40:27	300	90	3.0	#12 Symbiotic	2	
0147-0156.BIAS	0	12:15	20:51:01.0	+35:34:55	300	90	3.0	#57 Velocity S	2	
0157-0171.FLAT	25	12:24	20:51:01.0	+35:34:55	300	90	3.0	#57 Velocity S	2	
0172-0176.DARK	900	13:34	20:51:01.0	+35:34:55	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>
0001-0005.DARK	900	23:56	20:51:01.0	+35:34:55	300	90	3.0	#57 Velocity S	2	
0006-0020.BIAS	0	00:56	20:51:01.0	+35:34:55	300	90	3.0	#57 Velocity S	2	
0021-0035.FLAT	25	01:06	20:51:01.0	+35:34:55	300	90	3.0	#57 Velocity S	2	
0036-0040.sky	3	01:57	07:35:00.0	+32:00:00	300	90	3.0	#57 Velocity S	2	
0041.COMP	10	01:58	07:35:00.0	+32:00:00	300	90	3.0	#57 Velocity S	2	
0042.IPHASB_1914	150	02:27	05:27:01.8	+42:36:23	300	90	3.0	#157 IPHAS	2	
0043.COMP	10	02:30	05:27:01.8	+42:36:23	300	90	3.0	#157 IPHAS	2	
0044.IPHASB_1912	180	02:31	05:26:49.2	+29:10:57	300	90	3.0	#157 IPHAS	2	
0045.COMP	10	02:34	05:26:49.2	+29:10:57	300	90	3.0	#157 IPHAS	2	
0046.IPHASB_1929	150	02:35	05:28:20.7	+26:30:39	300	90	3.0	#157 IPHAS	2	
0047.COMP	10	02:38	05:28:20.7	+26:30:39	300	90	3.0	#157 IPHAS	2	
0048.IPHASB_1887	240	02:39	05:20:50.6	+28:21:26	300	90	3.0	#157 IPHAS	2	
0049.COMP	10	02:43	05:20:50.6	+28:21:26	300	90	3.0	#157 IPHAS	2	
0050.IPHASB_1876	330	02:44	05:15:55.7	+39:48:47	300	90	3.0	#157 IPHAS	2	
0051.COMP	10	02:50	05:15:55.7	+39:48:47	300	90	3.0	#157 IPHAS	2	
0052.IPHASB_1911	272	02:51	05:26:36.7	+39:20:52	300	90	3.0	#157 IPHAS	2	
0053.COMP	10	02:56	05:26:36.7	+39:20:52	300	90	3.0	#157 IPHAS	2	
0054.IPHASB_1916	210	02:57	05:27:04.6	+40:56:44	300	90	3.0	#157 IPHAS	2	
0055.COMP	10	03:00	05:27:04.6	+40:56:44	300	90	3.0	#157 IPHAS	2	
0056.IPHASB_1820	300	03:01	04:54:57.6	+46:24:00	300	90	3.0	#157 IPHAS	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0057.COMP	10	03:07	04:54:57.6	+46:24:00	300	90	3.0	#157 IPHAS	2	
0058.IPHASB.1817	480	03:08	04:54:14.6	+45:29:17	300	90	3.0	#157 IPHAS	2	
0059.COMP	10	03:16	04:54:14.6	+45:29:17	300	90	3.0	#157 IPHAS	2	
0060.IPHASB.1815	720	03:17	04:53:39.4	+46:21:35	300	90	3.0	#157 IPHAS	2	
0061.COMP	10	03:29	04:53:39.4	+46:21:35	300	90	3.0	#157 IPHAS	2	
0062.06221439+5049204	300	03:31	06:22:14.4	+50:49:20	300	90	3.0	#141 Mapping t	2	
0063.COMP	10	03:36	06:22:14.4	+50:49:20	300	90	3.0	#141 Mapping t	2	
0064.06221937+5409376	300	03:37	06:22:19.4	+54:09:38	300	90	3.0	#141 Mapping t	2	
0065.COMP	10	03:42	06:22:19.4	+54:09:38	300	90	3.0	#141 Mapping t	2	
0066.06223578+5530116	300	03:43	06:22:35.8	+55:30:12	300	90	3.0	#141 Mapping t	2	
0067.COMP	10	03:49	06:22:35.8	+55:30:12	300	90	3.0	#141 Mapping t	2	
0068.06224257+3852271	420	03:50	06:22:42.6	+38:52:27	300	90	3.0	#141 Mapping t	2	
0069.COMP	10	03:57	06:22:42.6	+38:52:27	300	90	3.0	#141 Mapping t	2	
0070.06243774+4412195	330	03:58	06:24:37.7	+44:12:19	300	90	3.0	#141 Mapping t	2	
0071.COMP	10	04:04	06:24:37.7	+44:12:19	300	90	3.0	#141 Mapping t	2	
0072.06243929+4428455	330	04:05	06:24:39.3	+44:28:45	300	90	3.0	#141 Mapping t	2	
0073.COMP	10	04:11	06:24:39.3	+44:28:45	300	90	3.0	#141 Mapping t	2	
0074.06255059+4338515	300	04:11	06:25:50.6	+43:38:52	300	90	3.0	#141 Mapping t	2	
0075.COMP	10	04:17	06:25:50.6	+43:38:52	300	90	3.0	#141 Mapping t	2	
0076.06262558+4841330	660	04:18	06:26:25.6	+48:41:33	300	90	3.0	#141 Mapping t	2	

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<i>File</i>	<i>Exp Time</i>	<i>UT Start</i>	<i>RA</i>	<i>Dec</i>	<i>Gr.</i>	<i>P.A.</i>	<i>Slit</i>	<i>Program</i>	<i>Bin</i>	<i>Comments</i>
0077.COMP	10	04:29	06:26:25.6	+48:41:33	300	90	3.0	#141 Mapping t	2	
0078.06245408+5057171	330	04:30	06:24:54.1	+50:57:17	300	90	3.0	#141 Mapping t	2	
0079.COMP	10	04:36	06:24:54.1	+50:57:17	300	90	3.0	#141 Mapping t	2	
0080.06232597+5711509	420	04:36	06:23:26.0	+57:11:51	300	90	3.0	#141 Mapping t	2	
0081.COMP	10	04:44	06:23:26.0	+57:11:51	300	90	3.0	#141 Mapping t	2	
0082.06293155+6503399	240	04:45	06:29:31.5	+65:03:40	300	90	3.0	#141 Mapping t	2	
0083.COMP	10	04:49	06:29:31.5	+65:03:40	300	90	3.0	#141 Mapping t	2	
0084.06271994+4755369	360	04:50	06:27:19.9	+47:55:37	300	90	3.0	#141 Mapping t	2	
0085.COMP	10	04:56	06:27:19.9	+47:55:37	300	90	3.0	#141 Mapping t	2	
0086.06291636+4359034	360	04:57	06:29:16.4	+43:59:03	300	90	3.0	#141 Mapping t	2	
0087.COMP	10	05:04	06:29:16.4	+43:59:03	300	90	3.0	#141 Mapping t	2	
0088.06473704+4313301	360	05:05	06:47:37.0	+43:13:30	300	90	3.0	#141 Mapping t	2	
0089.COMP	10	05:11	06:47:37.0	+43:13:30	300	90	3.0	#141 Mapping t	2	
0090.HD84937	20	05:13	09:48:54.9	+13:45:14	300	38	3.0	#56 Spectropho	2	
0091.HD84937	20	05:14	09:48:54.9	+13:45:14	300	38	3.0	#56 Spectropho	2	
0092.HD84937	20	05:14	09:48:54.9	+13:45:14	300	38	3.0	#56 Spectropho	2	
0093.HD84937	20	05:15	09:48:54.9	+13:45:14	300	38	3.0	#56 Spectropho	2	
0094.HD84937	20	05:16	09:48:54.9	+13:45:14	300	38	3.0	#56 Spectropho	2	
0095.COMP	10	05:16	09:48:54.9	+13:45:14	300	38	3.0	#56 Spectropho	2	
0096.Feige34	180	05:18	10:39:36.9	+43:06:11	300	0	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>
0097.Feige34	180	05:21	10:39:36.9	+43:06:11	300	0	3.0	#56 Spectropho	2	
0098.COMP	10	05:25	10:39:36.9	+43:06:11	300	0	3.0	#56 Spectropho	2	
0099.sn2008Z	1800	05:29	09:43:15.2	+36:17:04	300	97	3.0	#2 SN Observat	2	
0100.COMP	10	05:59	09:43:15.2	+36:17:04	300	97	3.0	#2 SN Observat	2	
0101.sn2008bj	1800	06:04	11:51:47.8	+46:52:30	300	-5	3.0	#2 SN Observat	2	
0102.COMP	10	06:34	11:51:47.8	+46:52:30	300	-5	3.0	#2 SN Observat	2	
0103.sn2008ar	1800	06:37	12:24:37.9	+10:50:17	300	5	3.0	#2 SN Observat	2	
0104.COMP	10	07:07	12:24:37.9	+10:50:17	300	5	3.0	#2 SN Observat	2	
0105.fmfs374	660	07:10	12:59:11.3	-09:02:49	300	0	3.0	#171 Local Uni	2	
0106.COMP	10	07:21	12:59:11.3	-09:02:49	300	0	3.0	#171 Local Uni	2	
0107.fmfs362	660	07:22	12:57:45.8	-17:20:12	300	0	3.0	#171 Local Uni	2	
0108.COMP	10	07:34	12:57:45.8	-17:20:12	300	0	3.0	#171 Local Uni	2	
0109.fmfs372	822	07:35	12:58:58.6	-17:02:36	300	0	3.0	#171 Local Uni	2	
0110.COMP	10	07:49	12:58:58.6	-17:02:36	300	0	3.0	#171 Local Uni	2	
0111.fmfs373	720	07:49	12:58:59.8	-17:24:58	300	0	3.0	#171 Local Uni	2	
0112.COMP	10	08:02	12:58:59.8	-17:24:58	300	0	3.0	#171 Local Uni	2	
0113.fmfs371	600	08:03	12:58:41.9	-17:35:09	300	0	3.0	#171 Local Uni	2	
0114.COMP	10	08:13	12:58:41.9	-17:35:09	300	0	3.0	#171 Local Uni	2	
0115.fmfs386	900	08:14	13:45:22.9	-17:01:14	300	0	3.0	#171 Local Uni	2	
0116.COMP	10	08:30	13:45:22.9	-17:01:14	300	0	3.0	#171 Local Uni	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0117.fmfs387	660	08:31	13:45:32.2	-16:33:32	300	0	3.0	#171 Local Uni	2	
0118.COMP	10	08:42	13:45:32.2	-16:33:32	300	0	3.0	#171 Local Uni	2	
0119.fmfs388	660	08:43	13:45:54.2	-16:56:17	300	0	3.0	#171 Local Uni	2	
0120.COMP	10	08:55	13:45:54.2	-16:56:17	300	0	3.0	#171 Local Uni	2	
0121.14114238-1941189	187	08:56	14:11:42.4	-19:41:19	300	0	3.0	#141 Mapping t	2	ok, no sup star here
0122.COMP	10	09:00	14:11:42.4	-19:41:19	300	0	3.0	#141 Mapping t	2	
0123.SDSSJ1322+4212	954	09:04	13:22:11.0	+42:12:17	300	90	3.0	#181 Populatio	2	
0124.COMP	10	09:20	13:22:11.0	+42:12:17	300	90	3.0	#181 Populatio	2	
0125.SDSSJ1333+5821	960	09:23	13:33:02.8	+58:21:31	300	90	3.0	#181 Populatio	2	
0126.COMP	10	09:40	13:33:02.8	+58:21:31	300	90	3.0	#181 Populatio	2	
0127.17294890+1504448	300	09:41	17:29:48.9	+15:04:45	300	90	3.0	#141 Mapping t	2	
0128.COMP	10	09:47	17:29:48.9	+15:04:45	300	90	3.0	#141 Mapping t	2	
0129.17215387+1138162	240	09:48	17:21:53.9	+11:38:16	300	90	3.0	#141 Mapping t	2	
0130.COMP	10	09:52	17:21:53.9	+11:38:16	300	90	3.0	#141 Mapping t	2	
0131.17232302-0006326	600	09:53	17:23:23.0	-00:06:33	300	90	3.0	#141 Mapping t	2	
0132.COMP	10	10:04	17:23:23.0	-00:06:33	300	90	3.0	#141 Mapping t	2	
0133.17214740-0055152	420	10:04	17:21:47.4	-00:55:15	300	90	3.0	#141 Mapping t	2	
0134.COMP	10	10:12	17:21:47.4	-00:55:15	300	90	3.0	#141 Mapping t	2	
0135.17204648-0102353	420	10:13	17:20:46.5	-01:02:35	300	90	3.0	#141 Mapping t	2	
0136.COMP	10	10:20	17:20:46.5	-01:02:35	300	90	3.0	#141 Mapping t	2	

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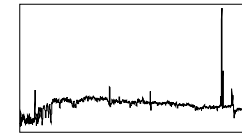
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0137.17193765-0101065	600	10:21	17:19:37.6	-01:01:07	300	90	3.0	#141 Mapping t	2	
0138.COMP	10	10:31	17:19:37.6	-01:01:07	300	90	3.0	#141 Mapping t	2	
0139.17294556+0529221	330	10:32	17:29:45.6	+05:29:22	300	90	3.0	#141 Mapping t	2	
0140.COMP	10	10:38	17:29:45.6	+05:29:22	300	90	3.0	#141 Mapping t	2	
0141.17333547+0500218	330	10:39	17:33:35.5	+05:00:22	300	90	3.0	#141 Mapping t	2	
0142.COMP	10	10:45	17:33:35.5	+05:00:22	300	90	3.0	#141 Mapping t	2	
0143.17352260+0614428	420	10:46	17:35:22.6	+06:14:43	300	90	3.0	#141 Mapping t	2	
0144.COMP	10	10:54	17:35:22.6	+06:14:43	300	90	3.0	#141 Mapping t	2	
0145.17382401+0543066	330	10:54	17:38:24.0	+05:43:07	300	90	3.0	#141 Mapping t	2	
0146.COMP	10	11:00	17:38:24.0	+05:43:07	300	90	3.0	#141 Mapping t	2	
0147.17404971+0416503	360	11:01	17:40:49.7	+04:16:50	300	90	3.0	#141 Mapping t	2	
0148.COMP	10	11:07	17:40:49.7	+04:16:50	300	90	3.0	#141 Mapping t	2	
0149.17353643+0127518	300	11:08	17:35:36.4	+01:27:52	300	90	3.0	#141 Mapping t	2	
0150.COMP	10	11:14	17:35:36.4	+01:27:52	300	90	3.0	#141 Mapping t	2	
0151.17381634+1305090N	300	11:15	17:38:16.3	+13:05:09	300	90	3.0	#141 Mapping t	2	north comp, star
0152.17381634+1305090S	330	11:20	17:38:16.3	+13:05:09	300	90	3.0	#141 Mapping t	2	south comp, gal
0153.COMP	10	11:26	17:38:16.3	+13:05:09	300	90	3.0	#141 Mapping t	2	
0154.17425306+1612217	390	11:27	17:42:53.1	+16:12:22	300	100	3.0	#141 Mapping t	2	
0155.COMP	10	11:34	17:42:53.1	+16:12:22	300	100	3.0	#141 Mapping t	2	
0156.17420908+1801263	402	11:35	17:42:09.1	+18:01:26	300	90	3.0	#141 Mapping t	2	

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<i>File</i>	<i>Exp Time</i>	<i>UT Start</i>	<i>RA</i>	<i>Dec</i>	<i>Gr.</i>	<i>P.A.</i>	<i>Slit</i>	<i>Program</i>	<i>Bin</i>	<i>Comments</i>
0157.COMP	10	11:42	17:42:09.1	+18:01:26	300	90	3.0	#141 Mapping t	2	
0158.17423911+1929094	300	11:43	17:42:39.1	+19:29:09	300	90	3.0	#141 Mapping t	2	
0159.COMP	10	11:48	17:42:39.1	+19:29:09	300	90	3.0	#141 Mapping t	2	
0160.17525483+1835346	300	11:49	17:52:54.8	+18:35:35	300	90	3.0	#141 Mapping t	2	
0161.COMP	10	11:54	17:52:54.8	+18:35:35	300	90	3.0	#141 Mapping t	2	
0162.18565971+3009148	360	11:55	18:56:59.7	+30:09:15	300	90	3.0	#141 Mapping t	2	
0163.COMP	10	12:02	18:56:59.7	+30:09:15	300	90	3.0	#141 Mapping t	2	
0164-0173.BIAS	0	12:05	18:56:59.7	+30:09:15	300	90	3.0	#57 Velocity S	2	
0174-0188.FLAT	25	12:15	18:56:59.7	+30:09:15	300	90	3.0	#57 Velocity S	2	
0189-0193.DARK	900	13:24	18:56:59.7	+30:09:15	300	90	3.0	#57 Velocity S	2	

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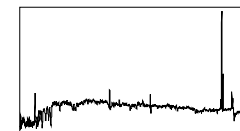
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001-0003.DARK	900	01:53	07:04:11.5	+31:31:11	300	90	3.0	#57 Velocity S	4	
0004-0013.BIAS	0	02:12	07:04:11.5	+31:31:11	300	90	3.0	#57 Velocity S	4	
0014-0023.FLAT	12	02:19	07:04:11.5	+31:31:11	300	90	3.0	#57 Velocity S	4	
0024-0033.BIAS	0	02:21	07:04:11.5	+31:31:11	300	90	3.0	#57 Velocity S	2	
0034-0053.FLAT	25	02:34	07:04:11.5	+31:31:11	300	90	3.0	#57 Velocity S	2	
0054.HD52071	2	02:44	07:00:58.0	+27:09:26	300	90	3.0	#57 Velocity S	2	
0055.COMP	12	02:45	07:00:58.0	+27:09:26	300	90	3.0	#57 Velocity S	2	
0056.SDSS0737+3844	1200	02:48	07:37:40.0	+38:44:13	300	90	3.0	#165 Quasar Br	2	
0057.SDSS0737+3844	1200	03:08	07:37:40.0	+38:44:13	300	90	3.0	#165 Quasar Br	2	
0058.SDSS0737+3844	1200	03:28	07:37:40.0	+38:44:13	300	90	3.0	#165 Quasar Br	2	
0059.COMP	12	03:49	07:37:40.0	+38:44:13	300	90	3.0	#165 Quasar Br	2	
0060.SDSS0803+3022	1200	03:51	08:03:42.0	+30:22:55	300	80	3.0	#165 Quasar Br	2	
0061.SDSS0803+3022	1200	04:11	08:03:42.0	+30:22:55	300	80	3.0	#165 Quasar Br	2	
0062.SDSS0803+3022	1200	04:31	08:03:42.0	+30:22:55	300	80	3.0	#165 Quasar Br	2	
0063.COMP	12	04:52	08:03:42.0	+30:22:55	300	80	3.0	#165 Quasar Br	2	
0064.SDSS0845+3420	1200	04:54	08:45:38.7	+34:20:44	300	88	3.0	#165 Quasar Br	2	
0065.SDSS0845+3420	1200	05:14	08:45:38.7	+34:20:44	300	88	3.0	#165 Quasar Br	2	
0066.SDSS0845+3420	1200	05:34	08:45:38.7	+34:20:44	300	88	3.0	#165 Quasar Br	2	
0067.COMP	12	05:55	08:45:38.7	+34:20:44	300	88	3.0	#56 Spectropho	2	
0068.HD84937	12	06:00	09:48:54.9	+13:45:14	300	51	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>
0069.HD84937	12	06:00	09:48:54.9	+13:45:14	300	51	3.0	#56 Spectropho	2	
0070.HD84937	12	06:00	09:48:54.9	+13:45:14	300	51	3.0	#56 Spectropho	2	
0071.COMP	12	06:01	09:48:54.9	+13:45:14	300	51	3.0	#56 Spectropho	2	
0072.Feige34	150	06:04	10:39:36.9	+43:06:11	300	109	3.0	#56 Spectropho	2	
0073.COMP	12	06:07	10:39:36.9	+43:06:11	300	109	3.0	#56 Spectropho	2	
0074.sn2008bn	1800	06:11	12:16:25.5	+47:01:41	300	19	3.0	#2 SN Observat	2	
0075.COMP	12	06:41	12:16:25.5	+47:01:41	300	19	3.0	#2 SN Observat	2	
0076.sn2008ax	1200	06:44	12:30:40.8	+41:38:15	300	5	3.0	#2 SN Observat	2	
0077.COMP	12	07:05	12:30:40.8	+41:38:15	300	5	3.0	#2 SN Observat	2	
0078.sn2008aw	1800	07:08	13:04:14.1	-10:19:12	300	-4	3.0	#2 SN Observat	2	
0079.COMP	12	07:39	13:04:14.1	-10:19:12	300	-4	3.0	#2 SN Observat	2	
0080.SDSSJ1230+5450	1500	07:44	12:30:36.7	+54:50:59	300	90	3.0	#181 Populatio	2	
0081.COMP	12	08:09	12:30:36.7	+54:50:59	300	90	3.0	#181 Populatio	2	
0082.SDSSJ1232+2222	1200	08:11	12:32:55.1	+22:22:10	300	90	3.0	#181 Populatio	2	
0083.COMP	12	08:32	12:32:55.1	+22:22:10	300	90	3.0	#181 Populatio	2	
0084.SDSSJ1242+1943	1800	08:33	12:42:06.1	+19:43:06	300	90	3.0	#181 Populatio	2	
0085.COMP	12	09:04	12:42:06.1	+19:43:06	300	90	3.0	#181 Populatio	2	
0086.SDSSJ1243+2057	900	09:05	12:43:06.1	+20:57:09	300	90	3.0	#181 Populatio	2	
0087.COMP	12	09:21	12:43:06.1	+20:57:09	300	90	3.0	#181 Populatio	2	
0088.SDSSJ1243+4500	1500	09:24	12:43:22.4	+45:00:02	300	90	3.0	#181 Populatio	2	

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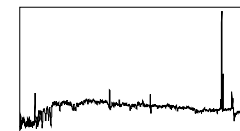
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0089.COMP	12	09:50	12:43:22.4	+45:00:02	300	90	3.0	#181 Populatio	2	
0090.SDSSJ1246+1600	1500	09:52	12:46:20.0	+16:00:50	300	90	3.0	#181 Populatio	2	
0091.COMP	12	10:18	12:46:20.0	+16:00:50	300	90	3.0	#181 Populatio	2	
0092.17462626+0646180	360	10:20	17:46:26.3	+06:46:18	300	90	3.0	#141 Mapping t	2	row=80
0093.COMP	12	10:26	17:46:26.3	+06:46:18	300	90	3.0	#141 Mapping t	2	
0094.17464111+4140212	240	10:28	17:46:41.1	+41:40:21	300	90	3.0	#141 Mapping t	2	
0095.COMP	12	10:33	17:46:41.1	+41:40:21	300	90	3.0	#141 Mapping t	2	
0096.17465939+4017013	210	10:33	17:46:59.4	+40:17:01	300	90	3.0	#141 Mapping t	2	
0097.COMP	12	10:37	17:46:59.4	+40:17:01	300	90	3.0	#141 Mapping t	2	
0098.17480777+0650599	180	10:39	17:48:07.8	+06:51:00	300	90	3.0	#141 Mapping t	2	
0099.COMP	12	10:43	17:48:07.8	+06:51:00	300	90	3.0	#141 Mapping t	2	
0100.17483528+2900378	270	10:44	17:48:35.3	+29:00:38	300	90	3.0	#141 Mapping t	2	
0101.COMP	12	10:49	17:48:35.3	+29:00:38	300	90	3.0	#141 Mapping t	2	
0102.17483722+8405271	240	10:56	17:48:37.2	+84:05:27	300	90	3.0	#141 Mapping t	2	
0103.COMP	12	11:00	17:48:37.2	+84:05:27	300	90	3.0	#141 Mapping t	2	
0104.17484320+2439073	240	11:02	17:48:43.2	+24:39:07	300	90	3.0	#141 Mapping t	2	
0105.COMP	12	11:06	17:48:43.2	+24:39:07	300	90	3.0	#141 Mapping t	2	
0106.17490873+1421560	240	11:08	17:49:08.7	+14:21:56	300	90	3.0	#141 Mapping t	2	
0107.COMP	12	11:12	17:49:08.7	+14:21:56	300	90	3.0	#141 Mapping t	2	
0108.17494968+0726451	150	11:13	17:49:49.7	+07:26:45	300	90	3.0	#141 Mapping t	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0109.COMP	12	11:17	17:49:49.7	+07:26:45	300	90	3.0	#141 Mapping t	2	
0110.17500974+2706358	150	11:18	17:50:09.7	+27:06:36	300	90	3.0	#141 Mapping t	2	
0111.COMP	12	11:21	17:50:09.7	+27:06:36	300	90	3.0	#141 Mapping t	2	
0112.17502221+3838342	120	11:22	17:50:22.2	+38:38:34	300	90	3.0	#141 Mapping t	2	
0113.COMP	12	11:25	17:50:22.2	+38:38:34	300	90	3.0	#141 Mapping t	2	
0114.17505473+3152480	240	11:26	17:50:54.7	+31:52:48	300	90	3.0	#141 Mapping t	2	
0115.COMP	12	11:31	17:50:54.7	+31:52:48	300	90	3.0	#141 Mapping t	2	
0116.17511726+2027434	70	11:33	17:51:17.3	+20:27:43	300	90	3.0	#141 Mapping t	2	
0117.COMP	12	11:35	17:51:17.3	+20:27:43	300	90	3.0	#141 Mapping t	2	
0118.17511726+2027434	120	11:35	17:51:17.3	+20:27:43	300	90	3.0	#141 Mapping t	2	row=80
0119.COMP	12	11:38	17:51:17.3	+20:27:43	300	90	3.0	#141 Mapping t	2	
0120.17563128+2702515	720	11:40	17:56:31.3	+27:02:52	300	90	3.0	#141 Mapping t	2	row=81
0121.COMP	12	11:52	17:56:31.3	+27:02:52	300	90	3.0	#141 Mapping t	2	
0122.17583534+1320546	300	12:03	17:58:35.3	+13:20:55	300	90	3.0	#141 Mapping t	2	
0123.COMP	12	12:08	17:58:35.3	+13:20:55	300	90	3.0	#141 Mapping t	2	
0124.BDp332642	90	12:10	15:52:00.0	+32:56:54	300	90	3.0	#56 Spectropho	2	
0125.COMP	12	12:12	15:52:00.0	+32:56:54	300	90	3.0	#56 Spectropho	2	
0126-0135.BIAS	0	12:20	15:52:00.0	+32:56:54	300	90	3.0	#57 Velocity S	4	
0136-0145.FLAT	12	12:24	15:52:00.0	+32:56:54	300	90	3.0	#57 Velocity S	4	
0146-0155.BIAS	0	12:27	15:52:00.0	+32:56:54	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>
0156-0175.FLAT	25	12:39	15:52:00.0	+32:56:54	300	90	3.0	#57 Velocity S	2	
0176-0185.DARK	900	14:59	15:52:00.0	+32:56:54	300	90	3.0	#57 Velocity S	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001-0003.DARK	900	01:37	05:23:32.9	+31:29:58	300	90	3.0	#57 Velocity S	2	
0004-0014.BIAS	0	02:03	05:23:32.9	+31:29:58	300	90	3.0	#57 Velocity S	2	
0015-0029.FLAT	38	02:20	05:23:32.9	+31:29:58	300	90	3.0	#57 Velocity S	2	
0030.COMP	12	02:25	05:23:32.9	+31:29:58	300	90	3.0	#57 Velocity S	2	
0031.05252856+6521538	400	02:54	05:25:28.6	+65:21:54	300	90	3.0	#141 Mapping t	2	
0032.COMP	12	03:01	05:25:28.6	+65:21:54	300	90	3.0	#141 Mapping t	2	
0033.05151076+7606274	720	03:09	05:15:10.8	+76:06:27	300	90	3.0	#141 Mapping t	2	
0034.COMP	12	03:23	05:15:10.8	+76:06:27	300	90	3.0	#141 Mapping t	2	
0035.05222572+7945582	360	03:39	05:22:25.7	+79:45:58	300	90	3.0	#141 Mapping t	2	
0036.COMP	12	03:46	05:22:25.7	+79:45:58	300	90	3.0	#141 Mapping t	2	
0037.05242292+7529075	300	03:49	05:24:22.9	+75:29:07	300	90	3.0	#141 Mapping t	2	
0038.COMP	12	03:55	05:24:22.9	+75:29:07	300	90	3.0	#141 Mapping t	2	
0039.05245307+7347432	300	03:56	05:24:53.1	+73:47:43	300	90	3.0	#141 Mapping t	2	
0040.COMP	12	04:01	05:24:53.1	+73:47:43	300	90	3.0	#141 Mapping t	2	
0041.Feige34	180	04:12	10:39:36.9	+43:06:11	300	90	3.0	#56 Spectropho	2	
0042.Feige34	180	04:16	10:39:36.9	+43:06:11	300	90	3.0	#56 Spectropho	2	
0043.COMP	12	04:19	10:39:36.9	+43:06:11	300	90	3.0	#56 Spectropho	2	
0045.HD84937	20	04:21	09:48:54.9	+13:45:14	300	90	3.0	#56 Spectropho	2	
0046.HD84937	20	04:22	09:48:54.9	+13:45:14	300	90	3.0	#56 Spectropho	2	
0047.HD84937	20	04:23	09:48:54.9	+13:45:14	300	90	3.0	#56 Spectropho	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0048.COMP	12	04:23	09:48:54.9	+13:45:14	300	90	3.0	#56 Spectropho	2	
0049.06310332+5133257	360	04:25	06:31:03.3	+51:33:26	300	90	3.0	#141 Mapping t	2	
0050.COMP	12	04:32	06:31:03.3	+51:33:26	300	90	3.0	#141 Mapping t	2	
0051.06311061+5156527	360	04:32	06:31:10.6	+51:56:53	300	90	3.0	#141 Mapping t	2	
0052.COMP	12	04:39	06:31:10.6	+51:56:53	300	90	3.0	#141 Mapping t	2	
0053.06323365+4730226	480	04:40	06:32:33.6	+47:30:23	300	90	3.0	#141 Mapping t	2	
0054.COMP	12	04:49	06:32:33.6	+47:30:23	300	90	3.0	#141 Mapping t	2	
0055.06332033+6328436	300	04:50	06:33:20.3	+63:28:44	300	90	3.0	#141 Mapping t	2	
0056.COMP	12	04:55	06:33:20.3	+63:28:44	300	90	3.0	#141 Mapping t	2	
0057.06374998+6206428	480	04:56	06:37:50.0	+62:06:43	300	90	3.0	#141 Mapping t	2	
0058.COMP	12	05:05	06:37:50.0	+62:06:43	300	90	3.0	#141 Mapping t	2	
0059.06375452+6651064	480	05:07	06:37:54.5	+66:51:06	300	90	3.0	#141 Mapping t	2	
0060.COMP	12	05:15	06:37:54.5	+66:51:06	300	90	3.0	#141 Mapping t	2	
0061.06383345+6307108	360	05:17	06:38:33.4	+63:07:11	300	90	3.0	#141 Mapping t	2	
0062.COMP	12	05:23	06:38:33.4	+63:07:11	300	90	3.0	#141 Mapping t	2	
0063.06390749+5308157	360	05:25	06:39:07.5	+53:08:16	300	90	3.0	#141 Mapping t	2	
0064.COMP	12	05:31	06:39:07.5	+53:08:16	300	90	3.0	#141 Mapping t	2	
0065.06411043+5347255	480	05:32	06:41:10.4	+53:47:25	300	90	3.0	#141 Mapping t	2	
0066.COMP	12	05:41	06:41:10.4	+53:47:25	300	90	3.0	#141 Mapping t	2	
0067.cirsfastf076	415	05:46	11:21:31.8	+03:08:36	300	90	3.0	#172 SDSS Clus	2	

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0068.COMP	12	05:53	11:21:31.8	+03:08:36	300	90	3.0	#172 SDSS Clus	2	
0069.cirsfastf076	1200	05:54	11:21:31.8	+03:08:36	300	90	3.0	#172 SDSS Clus	2	
0070.COMP	12	06:15	11:21:31.8	+03:08:36	300	90	3.0	#172 SDSS Clus	2	
0071.cirsfastf077	720	06:16	11:21:35.5	+02:52:55	300	90	3.0	#172 SDSS Clus	2	
0072.COMP	12	06:29	11:21:35.5	+02:52:55	300	90	3.0	#172 SDSS Clus	2	
0073.sn2008bj	1800	06:35	11:51:47.8	+46:52:30	300	90	3.0	#2 SN Observat	2	
0074.COMP	12	07:06	11:51:47.8	+46:52:30	300	90	3.0	#2 SN Observat	2	
0075.sn2008ax	1200	07:09	12:30:40.8	+41:38:15	300	90	3.0	#2 SN Observat	2	
0076.COMP	12	07:29	12:30:40.8	+41:38:15	300	90	3.0	#2 SN Observat	2	
0077.sn2008bf	1200	07:31	12:04:02.9	+20:14:43	300	90	3.0	#2 SN Observat	2	
0078.COMP	12	07:52	12:04:02.9	+20:14:43	300	90	3.0	#2 SN Observat	2	
0079.fmfs398	1200	07:54	13:46:58.5	-16:23:54	300	90	3.0	#171 Local Uni	2	
0080.COMP	12	08:15	13:46:58.5	-16:23:54	300	90	3.0	#171 Local Uni	2	
0081.fmfs400	720	08:17	13:47:12.0	-16:39:05	300	90	3.0	#171 Local Uni	2	
0082.COMP	12	08:29	13:47:12.0	-16:39:05	300	90	3.0	#171 Local Uni	2	
0083.fmfs401	600	08:31	13:47:21.4	-16:32:53	300	90	3.0	#171 Local Uni	2	
0084.COMP	12	08:41	13:47:21.4	-16:32:53	300	90	3.0	#171 Local Uni	2	
0085.fmfs402	1200	08:44	13:47:53.8	-16:38:44	300	90	3.0	#171 Local Uni	2	
0086.COMP	12	09:04	13:47:53.8	-16:38:44	300	90	3.0	#171 Local Uni	2	
0087.fmfs403	1200	09:06	13:48:12.9	-16:49:04	300	90	3.0	#171 Local Uni	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0088.COMP	12	09:26	13:48:12.9	-16:49:04	300	90	3.0	#171 Local Uni	2	
0089.fmfs404	1200	09:29	13:48:14.3	-16:37:55	300	90	3.0	#171 Local Uni	2	
0090.COMP	12	09:50	13:48:14.3	-16:37:55	300	90	3.0	#171 Local Uni	2	
0091.fmfs435	300	09:53	16:56:46.9	-01:42:05	300	90	3.0	#171 Local Uni	2	
0092.COMP	12	09:58	16:56:46.9	-01:42:05	300	90	3.0	#171 Local Uni	2	
0093.fmfs434	900	10:00	16:56:35.2	-00:39:17	300	90	3.0	#171 Local Uni	2	
0094.COMP	12	10:15	16:56:35.2	-00:39:17	300	90	3.0	#171 Local Uni	2	
0095.fmfs436	420	10:17	16:57:11.0	-01:49:13	300	90	3.0	#171 Local Uni	2	
0096.COMP	12	10:24	16:57:11.0	-01:49:13	300	90	3.0	#171 Local Uni	2	
0097.fmfs437	420	10:25	16:57:11.5	-01:22:52	300	90	3.0	#171 Local Uni	2	
0098.COMP	12	10:32	16:57:11.5	-01:22:52	300	90	3.0	#171 Local Uni	2	
0099.fmfs438	300	10:33	16:57:23.0	-01:53:26	300	90	3.0	#171 Local Uni	2	
0100.COMP	12	10:39	16:57:23.0	-01:53:26	300	90	3.0	#171 Local Uni	2	
0101.17033472-0422032	420	10:40	17:03:34.7	-04:22:03	300	90	3.0	#141 Mapping t	2	
0102.COMP	12	10:47	17:03:34.7	-04:22:03	300	90	3.0	#141 Mapping t	2	
0103.17035318-2327537	720	10:48	17:03:53.2	-23:27:54	300	90	3.0	#141 Mapping t	2	
0104.COMP	12	11:01	17:03:53.2	-23:27:54	300	90	3.0	#141 Mapping t	2	
0105.17024389-2313430	720	11:02	17:02:43.9	-23:13:43	300	90	3.0	#141 Mapping t	2	
0106.COMP	12	11:15	17:02:43.9	-23:13:43	300	90	3.0	#141 Mapping t	2	
0107.17082670+1422352	900	11:18	17:08:26.7	+14:22:35	300	90	3.0	#141 Mapping t	2	

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<i>File</i>	<i>Exp Time</i>	<i>UT Start</i>	<i>RA</i>	<i>Dec</i>	<i>Gr.</i>	<i>P.A.</i>	<i>Slit</i>	<i>Program</i>	<i>Bin</i>	<i>Comments</i>
0108.COMP	12	11:34	17:08:26.7	+14:22:35	300	90	3.0	#141 Mapping t	2	
0109.18195805+1439404	600	11:36	18:19:58.0	+14:39:40	300	90	3.0	#141 Mapping t	2	
0110.COMP	12	11:47	18:19:58.0	+14:39:40	300	90	3.0	#141 Mapping t	2	
0111.17590172+1930423	300	11:48	17:59:01.7	+19:30:42	300	90	3.0	#141 Mapping t	2	
0112.COMP	12	11:53	17:59:01.7	+19:30:42	300	90	3.0	#141 Mapping t	2	
0113.17593379+2352527	300	11:55	17:59:33.8	+23:52:53	300	90	3.0	#141 Mapping t	2	
0114.COMP	12	12:00	17:59:33.8	+23:52:53	300	90	3.0	#141 Mapping t	2	
0115.18212404+1350426	400	12:02	18:21:24.0	+13:50:43	300	90	3.0	#141 Mapping t	2	
0116.COMP	12	12:09	18:21:24.0	+13:50:43	300	90	3.0	#141 Mapping t	2	
0117.N5866	300	12:11	15:06:29.5	+55:45:47	300	90	3.0	#57 Velocity S	2	
0118.COMP	12	12:16	15:06:29.5	+55:45:47	300	90	3.0	#57 Velocity S	2	
0119.AGDra	2	12:18	16:01:41.0	+66:48:10	300	90	3.0	#12 Symbiotic	2	
0120.AGDra	15	12:18	16:01:41.0	+66:48:10	300	90	3.0	#12 Symbiotic	2	
0121.AGDra	45	12:18	16:01:41.0	+66:48:10	300	90	3.0	#12 Symbiotic	2	
0122.COMP	12	12:19	16:01:41.0	+66:48:10	300	90	3.0	#12 Symbiotic	2	
0123-0132.BIAS	0	12:41	19:23:53.0	+29:40:27	300	90	3.0	#171 Local Uni	2	
0133-0147.FLAT	25	12:50	19:23:53.0	+29:40:27	300	90	3.0	#171 Local Uni	2	
0148-0157.DARK	900	15:10	19:23:53.0	+29:40:27	300	90	3.0	#171 Local Uni	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001-0010.DARK	900	01:25	19:23:53.0	+29:40:27	300	90	3.0	#171 Local Uni	2	
0011.COMP	12	01:53	19:23:53.0	+29:40:27	300	90	3.0	#171 Local Uni	2	
0012-0022.BIAS	0	01:57	19:23:53.0	+29:40:27	300	90	3.0	#171 Local Uni	2	
0023.COMP	12	02:01	19:23:53.0	+29:40:27	300	90	3.0	#171 Local Uni	2	
0024-0038.FLAT	25	02:10	19:23:53.0	+29:40:27	300	90	3.0	#171 Local Uni	2	
0039.N3377	180	02:36	10:47:42.0	+13:59:09	300	90	3.0	#57 Velocity S	2	
0040.COMP	12	02:39	10:47:42.0	+13:59:09	300	90	3.0	#57 Velocity S	2	
0041.05225957+1528239	360	02:43	05:22:59.6	+15:28:24	300	90	3.0	#141 Mapping t	2	
0042.COMP	12	02:49	05:22:59.6	+15:28:24	300	90	3.0	#141 Mapping t	2	
0043.05400099+1019537	480	02:52	05:40:01.0	+10:19:54	300	90	3.0	#141 Mapping t	2	
0044.COMP	12	03:00	05:40:01.0	+10:19:54	300	90	3.0	#141 Mapping t	2	
0045.05381161+0949023	480	03:02	05:38:11.6	+09:49:02	300	90	3.0	#141 Mapping t	2	
0046.COMP	12	03:10	05:38:11.6	+09:49:02	300	90	3.0	#141 Mapping t	2	
0047.05381541+0956073	360	03:12	05:38:15.4	+09:56:07	300	90	3.0	#141 Mapping t	2	
0048.COMP	12	03:18	05:38:15.4	+09:56:07	300	90	3.0	#141 Mapping t	2	
0049.05313808+0750251	480	03:19	05:31:38.1	+07:50:25	300	90	3.0	#141 Mapping t	2	
0050.COMP	12	03:27	05:31:38.1	+07:50:25	300	90	3.0	#141 Mapping t	2	
0051.05215546+1506574	480	03:29	05:21:55.5	+15:06:57	300	90	3.0	#141 Mapping t	2	
0052.COMP	12	03:38	05:21:55.5	+15:06:57	300	90	3.0	#141 Mapping t	2	
0053.05221817+1752277	480	03:39	05:22:18.2	+17:52:28	300	90	3.0	#141 Mapping t	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0054.COMP	12	03:47	05:22:18.2	+17:52:28	300	90	3.0	#141 Mapping t	2	
0055.05382219+5206048	480	03:50	05:38:22.2	+52:06:05	300	90	3.0	#141 Mapping t	2	
0056.COMP	12	03:59	05:38:22.2	+52:06:05	300	90	3.0	#141 Mapping t	2	
0057.05315969+5507345	480	04:00	05:31:59.7	+55:07:34	300	90	3.0	#141 Mapping t	2	
0058.COMP	12	04:08	05:31:59.7	+55:07:34	300	90	3.0	#141 Mapping t	2	
0059.05465424+5051027	300	04:09	05:46:54.2	+50:51:03	300	90	3.0	#141 Mapping t	2	
0060.COMP	12	04:15	05:46:54.2	+50:51:03	300	90	3.0	#141 Mapping t	2	
0061.05475293+5029483	300	04:15	05:47:52.9	+50:29:48	300	90	3.0	#141 Mapping t	2	
0062.COMP	12	04:21	05:47:52.9	+50:29:48	300	90	3.0	#141 Mapping t	2	
0063.05484135+5505492	480	04:22	05:48:41.3	+55:05:49	300	90	3.0	#141 Mapping t	2	
0064.COMP	12	04:30	05:48:41.3	+55:05:49	300	90	3.0	#141 Mapping t	2	
0065.05504159+5554074	360	04:31	05:50:41.6	+55:54:07	300	90	3.0	#141 Mapping t	2	
0066.COMP	12	04:38	05:50:41.6	+55:54:07	300	90	3.0	#141 Mapping t	2	
0067.05545317+4856557	360	04:39	05:54:53.2	+48:56:56	300	90	3.0	#141 Mapping t	2	
0068.COMP	12	04:45	05:54:53.2	+48:56:56	300	90	3.0	#141 Mapping t	2	
0069.05521081+5304496	480	04:47	05:52:10.8	+53:04:50	300	90	3.0	#141 Mapping t	2	
0070.COMP	12	04:55	05:52:10.8	+53:04:50	300	90	3.0	#141 Mapping t	2	
0071.05580394+5423085	360	04:56	05:58:03.9	+54:23:09	300	90	3.0	#141 Mapping t	2	
0072.COMP	12	05:02	05:58:03.9	+54:23:09	300	90	3.0	#141 Mapping t	2	
0073.06112004+5231503	480	05:03	06:11:20.0	+52:31:50	300	90	3.0	#141 Mapping t	2	

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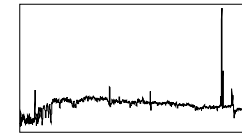
<i>File</i>	<i>Exp Time</i>	<i>UT Start</i>	<i>RA</i>	<i>Dec</i>	<i>Gr.</i>	<i>P.A.</i>	<i>Slit</i>	<i>Program</i>	<i>Bin</i>	<i>Comments</i>
0074.COMP	12	05:12	06:11:20.0	+52:31:50	300	90	3.0	#141 Mapping t	2	
0075.HD84937	20	05:14	09:48:54.9	+13:45:14	300	90	3.0	#56 Spectropho	2	
0076.HD84937	20	05:15	09:48:54.9	+13:45:14	300	90	3.0	#56 Spectropho	2	
0077.HD84937	20	05:15	09:48:54.9	+13:45:14	300	90	3.0	#56 Spectropho	2	
0078.COMP	12	05:16	09:48:54.9	+13:45:14	300	90	3.0	#56 Spectropho	2	
0079.Feige34	180	05:18	10:39:36.9	+43:06:11	300	90	3.0	#56 Spectropho	2	
0080.Feige34	180	05:21	10:39:36.9	+43:06:11	300	90	3.0	#56 Spectropho	2	
0081.COMP	12	05:24	10:39:36.9	+43:06:11	300	90	3.0	#172 SDSS Clus	2	
0082.cirrfastf078	600	05:26	11:21:37.1	+02:47:18	300	90	3.0	#172 SDSS Clus	2	
0083.COMP	12	05:37	11:21:37.1	+02:47:18	300	90	3.0	#172 SDSS Clus	2	
0084.cirrfastf079	1200	05:38	11:21:39.9	+04:36:28	300	90	3.0	#172 SDSS Clus	2	
0085.COMP	12	05:59	11:21:39.9	+04:36:28	300	90	3.0	#172 SDSS Clus	2	
0086.cirrfastf080	1020	06:00	11:21:58.1	+03:01:26	300	90	3.0	#172 SDSS Clus	2	
0087.COMP	12	06:18	11:21:58.1	+03:01:26	300	90	3.0	#172 SDSS Clus	2	
0088.cirrfastf081	600	06:19	11:22:02.3	+00:46:56	300	90	3.0	#172 SDSS Clus	2	
0089.COMP	12	06:29	11:22:02.3	+00:46:56	300	90	3.0	#172 SDSS Clus	2	
0090.sn2008bf	1200	06:32	12:04:02.9	+20:14:43	300	90	3.0	#2 SN Observat	2	
0091.COMP	12	06:52	12:04:02.9	+20:14:43	300	90	3.0	#2 SN Observat	2	
0092.sn2007sr	1200	06:56	12:01:52.8	-18:58:22	300	15	3.0	#2 SN Observat	2	
0093.COMP	12	07:17	12:01:52.8	-18:58:22	300	15	3.0	#2 SN Observat	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0094.fmfs356	600	07:23	12:57:20.5	-08:56:03	300	90	3.0	#171 Local Uni	2	
0095.COMP	12	07:33	12:57:20.5	-08:56:03	300	90	3.0	#171 Local Uni	2	
0096.fmfs357	720	07:34	12:57:25.7	-09:48:04	300	90	3.0	#171 Local Uni	2	
0097.COMP	12	07:47	12:57:25.7	-09:48:04	300	90	3.0	#171 Local Uni	2	
0098.fmfs360	600	07:48	12:57:39.2	-09:04:32	300	90	3.0	#171 Local Uni	2	
0099.COMP	12	07:58	12:57:39.2	-09:04:32	300	90	3.0	#171 Local Uni	2	
0100.fmfs361	600	08:00	12:57:39.5	-10:43:36	300	90	3.0	#171 Local Uni	2	
0101.COMP	12	08:10	12:57:39.5	-10:43:36	300	90	3.0	#171 Local Uni	2	
0102.fmfs364	300	08:11	12:58:10.5	-10:09:28	300	90	3.0	#171 Local Uni	2	
0103.COMP	12	08:17	12:58:10.5	-10:09:28	300	90	3.0	#171 Local Uni	2	
0104.fmfs363	420	08:18	12:58:03.7	-09:03:48	300	90	3.0	#171 Local Uni	2	
0105.COMP	12	08:25	12:58:03.7	-09:03:48	300	90	3.0	#171 Local Uni	2	
0106.fmfs358	600	08:26	12:57:29.4	-09:04:42	300	90	3.0	#171 Local Uni	2	
0107.COMP	12	08:37	12:57:29.4	-09:04:42	300	90	3.0	#171 Local Uni	2	
0108.fmfs359	480	08:38	12:57:32.5	-07:58:05	300	90	3.0	#171 Local Uni	2	
0109.COMP	12	08:46	12:57:32.5	-07:58:05	300	90	3.0	#171 Local Uni	2	
0110.fmfs370	600	08:48	12:58:30.9	-07:45:04	300	90	3.0	#171 Local Uni	2	
0111.COMP	12	08:59	12:58:30.9	-07:45:04	300	90	3.0	#171 Local Uni	2	
0112.fmfs439	720	09:01	16:57:32.8	-01:38:29	300	90	3.0	#171 Local Uni	2	
0113.COMP	12	09:14	16:57:32.8	-01:38:29	300	90	3.0	#171 Local Uni	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>
0114.fmfs440	360	09:15	16:57:35.6	-01:47:46	300	90	3.0	#171 Local Uni	2	
0115.COMP	12	09:21	16:57:35.6	-01:47:46	300	90	3.0	#171 Local Uni	2	
0116.fmfs441	600	09:23	16:57:41.4	-01:45:16	300	90	3.0	#171 Local Uni	2	
0117.COMP	12	09:33	16:57:41.4	-01:45:16	300	90	3.0	#171 Local Uni	2	
0118.fmfs442	720	09:34	16:57:44.0	-00:48:01	300	90	3.0	#171 Local Uni	2	
0119.COMP	12	09:47	16:57:44.0	-00:48:01	300	90	3.0	#171 Local Uni	2	
0120.fmfs443	300	09:49	16:57:44.3	-01:47:57	300	90	3.0	#171 Local Uni	2	
0121.COMP	12	09:54	16:57:44.3	-01:47:57	300	90	3.0	#171 Local Uni	2	
0122.fmfs444	420	09:55	16:57:46.0	-01:48:11	300	90	3.0	#171 Local Uni	2	
0123.COMP	12	10:02	16:57:46.0	-01:48:11	300	90	3.0	#171 Local Uni	2	
0124.17585391+3658483	420	10:05	17:58:53.9	+36:58:48	300	90	3.0	#141 Mapping t	2	
0125.COMP	12	10:12	17:58:53.9	+36:58:48	300	90	3.0	#141 Mapping t	2	
0126.17591914+3625353	240	10:13	17:59:19.1	+36:25:35	300	90	3.0	#141 Mapping t	2	
0127.COMP	12	10:17	17:59:19.1	+36:25:35	300	90	3.0	#141 Mapping t	2	
0128.18205551+3259271	900	10:20	18:20:55.5	+32:59:27	300	90	3.0	#141 Mapping t	2	
0129.COMP	12	10:35	18:20:55.5	+32:59:27	300	90	3.0	#141 Mapping t	2	
0130.18285455+2932346	480	10:37	18:28:54.5	+29:32:35	300	90	3.0	#141 Mapping t	2	
0131.COMP	12	10:45	18:28:54.5	+29:32:35	300	90	3.0	#141 Mapping t	2	
0132.18285677+2950346	420	10:47	18:28:56.8	+29:50:35	300	90	3.0	#141 Mapping t	2	
0133.COMP	12	10:54	18:28:56.8	+29:50:35	300	90	3.0	#141 Mapping t	2	

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<i>File</i>	<i>Exp Time</i>	<i>UT Start</i>	<i>RA</i>	<i>Dec</i>	<i>Gr.</i>	<i>P.A.</i>	<i>Slit</i>	<i>Program</i>	<i>Bin</i>	<i>Comments</i>
0134.sn2008bo	1500	11:04	18:19:54.3	+74:34:21	300	20	3.0	#2 SN Observat	2	
0135.COMP	12	11:30	18:19:54.3	+74:34:21	300	20	3.0	#2 SN Observat	2	
0136.fmf291	1200	11:37	17:18:17.1	+77:40:54	300	30	3.0	#171f Local Un	2	
0137.COMP	12	11:57	17:18:17.1	+77:40:54	300	30	3.0	#171f Local Un	2	
0138.fmf293	605	12:00	17:18:26.8	+77:54:47	300	20	3.0	#171f Local Un	2	
0139.COMP	12	12:10	17:18:26.8	+77:54:47	300	20	3.0	#171f Local Un	2	
0140-0150.BIAS	0	12:59	18:49:30.1	+31:30:23	300	90	3.0	#2 SN Observat	2	
0151.COMP	12	13:06	18:49:30.1	+31:30:23	300	90	3.0	#2 SN Observat	2	
0152-0161.DARK	900	15:31	18:49:30.1	+31:30:23	300	90	3.0	#2 SN Observat	2	

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<i>File</i>	<i>Exp Time</i>	<i>UT Start</i>	<i>RA</i>	<i>Dec</i>	<i>Gr.</i>	<i>P.A.</i>	<i>Slit</i>	<i>Program</i>	<i>Bin</i>	<i>Comments</i>
0001.COMP	10	19:55	18:49:30.1	+31:30:23	300	90	3.0	#2 SN Observat	2	
0002.COMP	10	20:05	18:49:30.1	+31:30:23	300	90	3.0	#2 SN Observat	2	
0004.COMP	10	20:30	02:23:14.5	+31:28:17	300	90	3.0	#2 SN Observat	2	
0005.COMP	10	20:32	02:23:14.5	+31:28:17	300	90	3.0	#2 SN Observat	2	
0006.COMP	10	20:34	02:23:14.5	+31:28:17	300	90	3.0	#2 SN Observat	1	
0007.COMP	10	20:36	02:23:14.5	+31:28:17	300	90	3.0	#2 SN Observat	1	
0008.COMP	10	20:41	02:23:14.5	+31:28:17	300	90	3.0	#2 SN Observat	1	
0009.BIAS	0	22:10	02:23:14.5	+31:28:17	300	90	3.0	#2 SN Observat	2	
0010-0020.DARK	900	01:21	02:23:14.5	+31:28:17	300	90	3.0	#2 SN Observat	2	
0021-0030.BIAS	0	01:48	02:23:14.5	+31:28:17	300	90	3.0	#2 SN Observat	2	
0031-0045.FLAT	25	01:57	02:23:14.5	+31:28:17	300	90	3.0	#2 SN Observat	2	
0046.N3377	180	02:52	10:47:42.0	+13:59:09	300	90	3.0	#57 Velocity S	2	
0047.COMP	12	02:56	10:47:42.0	+13:59:09	300	90	3.0	#57 Velocity S	2	dome problems!
0048.XS05819B3_008	1800	04:40	10:06:43.8	+31:57:18	300	90	3.0	#129 ChaMP Sou	2	dome may be occulting
0049.COMP	12	05:10	10:06:43.8	+31:57:18	300	90	3.0	#129 ChaMP Sou	2	dome not tracking
0050.XS05819B2_006	611	05:18	10:06:31.9	+32:04:38	300	90	3.0	#129 ChaMP Sou	2	Ha? dome prob occulting
0051.COMP	12	05:28	10:06:31.9	+32:04:38	300	90	3.0	#129 ChaMP Sou	2	
0052.sn2008bn	1800	06:33	12:16:25.5	+47:01:41	300	90	3.0	#2 SN Observat	2	
0053.COMP	12	07:04	12:16:25.5	+47:01:41	300	90	3.0	#2 SN Observat	2	
0054.sn2008bs	1408	07:07	07:55:18.9	+53:19:43	300	90	3.0	#2 SN Observat	2	

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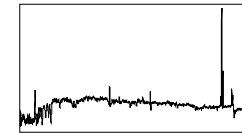
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0055.COMP	12	07:31	07:55:18.9	+53:19:43	300	90	3.0	#2 SN Observat	2	hit hard limit
0056.sn2008bj	1800	08:21	11:51:47.8	+46:52:30	300	90	3.0	#2 SN Observat	2	NOT at PA (too many other problems tonight)
0057.COMP	12	08:52	11:51:47.8	+46:52:30	300	90	3.0	#2 SN Observat	2	
0058.fmfs365	300	08:54	12:58:22.6	-08:53:18	300	90	3.0	#171 Local Uni	2	
0059.COMP	12	08:59	12:58:22.6	-08:53:18	300	90	3.0	#171 Local Uni	2	
0060.fmfs366	360	09:01	12:58:24.6	-09:51:42	300	90	3.0	#171 Local Uni	2	
0061.COMP	12	09:07	12:58:24.6	-09:51:42	300	90	3.0	#171 Local Uni	2	
0062.fmfs367	360	09:08	12:58:24.6	-10:02:32	300	90	3.0	#171 Local Uni	2	
0063.COMP	12	09:14	12:58:24.6	-10:02:32	300	90	3.0	#171 Local Uni	2	
0064.fmfs368	360	09:15	12:58:25.2	-07:51:53	300	90	3.0	#171 Local Uni	2	
0065.COMP	12	09:22	12:58:25.2	-07:51:53	300	90	3.0	#171 Local Uni	2	
0066.fmfs369	360	09:23	12:58:26.3	-10:12:42	300	90	3.0	#171 Local Uni	2	
0067.COMP	12	09:29	12:58:26.3	-10:12:42	300	90	3.0	#171 Local Uni	2	
0068.BDp262606	60	09:32	14:49:02.4	+25:42:09	300	90	3.0	#56 Spectropho	2	
0069.BDp262606	60	09:33	14:49:02.4	+25:42:09	300	90	3.0	#56 Spectropho	2	
0070.BDp262606	60	09:34	14:49:02.4	+25:42:09	300	90	3.0	#56 Spectropho	2	
0071.COMP	12	09:36	14:49:02.4	+25:42:09	300	90	3.0	#56 Spectropho	2	
0072.BDp332642	120	09:37	15:52:00.0	+32:56:54	300	90	3.0	#56 Spectropho	2	
0073.BDp332642	120	09:39	15:52:00.0	+32:56:54	300	90	3.0	#56 Spectropho	2	
0074.COMP	12	09:42	15:52:00.0	+32:56:54	300	90	3.0	#56 Spectropho	2	dome breaker reset

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0075.fmb277	360	09:51	17:15:23.8	+77:37:42	300	90	3.0	#171f Local Un	2	
0076.COMP	12	09:57	17:15:23.8	+77:37:42	300	90	3.0	#171f Local Un	2	
0077.fmb276	900	10:00	17:15:12.6	+77:53:12	300	90	3.0	#171f Local Un	2	gxy to W?
0078.COMP	12	10:16	17:15:12.6	+77:53:12	300	90	3.0	#171f Local Un	2	
0079.fmb276	480	10:17	17:15:12.6	+77:53:12	300	90	3.0	#171f Local Un	2	fmb278 171535.8 +775325
0080.COMP	12	10:26	17:15:12.6	+77:53:12	300	90	3.0	#171f Local Un	2	
0081.fmb279	900	10:29	17:15:53.3	+77:48:30	300	90	3.0	#171f Local Un	2	
0082.COMP	12	10:44	17:15:53.3	+77:48:30	300	90	3.0	#171f Local Un	2	
0083.fmb280	600	10:47	17:15:57.5	+77:37:23	300	90	3.0	#171f Local Un	2	
0084.COMP	12	10:57	17:15:57.5	+77:37:23	300	90	3.0	#171f Local Un	2	
0085.18130358+5709149	600	11:02	18:13:03.6	+57:09:15	300	70	3.0	#141 Mapping t	2	rot=70, weird interacting pair
0086.COMP	12	11:12	18:13:03.6	+57:09:15	300	70	3.0	#141 Mapping t	2	
0087.18275764+6218199	360	11:16	18:27:57.6	+62:18:20	300	90	3.0	#141 Mapping t	2	
0088.COMP	12	11:22	18:27:57.6	+62:18:20	300	90	3.0	#141 Mapping t	2	
0089.18300020+6459453	240	11:23	18:30:00.2	+64:59:45	300	90	3.0	#141 Mapping t	2	star? to W
0090.COMP	12	11:28	18:30:00.2	+64:59:45	300	90	3.0	#141 Mapping t	2	
0091.18323678+6115313	300	11:29	18:32:36.8	+61:15:31	300	90	3.0	#141 Mapping t	2	
0092.COMP	12	11:35	18:32:36.8	+61:15:31	300	90	3.0	#141 Mapping t	2	
0093.18363492+5745505	240	11:36	18:36:34.9	+57:45:50	300	90	3.0	#141 Mapping t	2	
0094.COMP	12	11:40	18:36:34.9	+57:45:50	300	90	3.0	#141 Mapping t	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0095.18391709+5614114	200	11:42	18:39:17.1	+56:14:11	300	90	3.0	#141 Mapping t	2	
0096.COMP	12	11:45	18:39:17.1	+56:14:11	300	90	3.0	#141 Mapping t	2	
0097.18400502+5920022	300	11:46	18:40:05.0	+59:20:02	300	90	3.0	#141 Mapping t	2	
0098.COMP	12	11:52	18:40:05.0	+59:20:02	300	90	3.0	#141 Mapping t	2	
0099.18544029+6449508	300	11:54	18:54:40.3	+64:49:51	300	90	3.0	#141 Mapping t	2	
0100.COMP	12	11:59	18:54:40.3	+64:49:51	300	90	3.0	#141 Mapping t	2	
0101.18513766+5736090	200	12:00	18:51:37.7	+57:36:09	300	90	3.0	#141 Mapping t	2	
0102.COMP	12	12:04	18:51:37.7	+57:36:09	300	90	3.0	#141 Mapping t	2	
0103.18554037+5114144	300	12:06	18:55:40.4	+51:14:14	300	90	3.0	#141 Mapping t	2	
0104.COMP	12	12:12	18:55:40.4	+51:14:14	300	90	3.0	#12 Symbiotic	2	
0105.BFCyg	1	12:13	19:23:53.0	+29:40:27	300	90	3.0	#12 Symbiotic	2	
0106.BFCyg	10	12:13	19:23:53.0	+29:40:27	300	90	3.0	#12 Symbiotic	2	
0107.BFCyg	60	12:14	19:23:53.0	+29:40:27	300	90	3.0	#12 Symbiotic	2	
0108.COMP	12	12:15	19:23:53.0	+29:40:27	300	90	3.0	#12 Symbiotic	2	
0109.AGDra	2	12:17	16:01:41.0	+66:48:10	300	90	3.0	#12 Symbiotic	2	
0110.AGDra	15	12:17	16:01:41.0	+66:48:10	300	90	3.0	#12 Symbiotic	2	
0111.AGDra	45	12:17	16:01:41.0	+66:48:10	300	90	3.0	#12 Symbiotic	2	
0112.COMP	12	12:19	16:01:41.0	+66:48:10	300	90	3.0	#12 Symbiotic	2	
0113-0122.BIAS	0	12:32	16:01:41.0	+66:48:10	300	90	3.0	#171f Local Un	2	
0123-0137.FLAT	25	12:41	16:01:41.0	+66:48:10	300	90	3.0	#171f Local Un	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>
0138-0147.DARK	900	15:02	16:01:41.0	+66:48:10	300	90	3.0	#171f Local Un	2	

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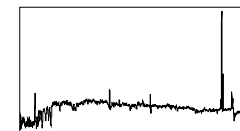
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001-0010.DARK	900	01:05	16:01:41.0	+66:48:10	300	90	3.0	#171f Local Un	2	
0011-0021.BIAS	0	01:48	16:01:41.0	+66:48:10	300	90	3.0	#171f Local Un	2	
0022-0036.FLAT	25	01:57	16:01:41.0	+66:48:10	300	90	3.0	#171f Local Un	2	
0037.COMP	12	02:05	16:01:41.0	+66:48:10	300	90	3.0	#171f Local Un	2	oops flatlamp on
0038.COMP	12	02:06	16:01:41.0	+66:48:10	300	90	3.0	#171f Local Un	2	
0039.N3377	180	02:28	10:47:42.0	+13:59:09	300	90	3.0	#57 Velocity S	2	
0040.COMP	12	02:31	10:47:42.0	+13:59:09	300	90	3.0	#57 Velocity S	2	
0041.05250803+0020473	480	02:43	05:25:08.0	+00:20:47	300	90	3.0	#141 Mapping t	2	
0042.COMP	12	02:51	05:25:08.0	+00:20:47	300	90	3.0	#141 Mapping t	2	
0043.05200101-0138510	480	02:53	05:20:01.0	-01:38:51	300	90	3.0	#141 Mapping t	2	
0044.COMP	12	03:02	05:20:01.0	-01:38:51	300	90	3.0	#141 Mapping t	2	
0045.05335178+0006456	480	03:05	05:33:51.8	+00:06:46	300	90	3.0	#141 Mapping t	2	
0046.COMP	12	03:13	05:33:51.8	+00:06:46	300	90	3.0	#141 Mapping t	2	
0047.05284226+0356343	360	03:14	05:28:42.3	+03:56:34	300	90	3.0	#141 Mapping t	2	
0048.COMP	12	03:21	05:28:42.3	+03:56:34	300	90	3.0	#141 Mapping t	2	
0049.05333561+0535033	360	03:21	05:33:35.6	+05:35:03	300	90	3.0	#141 Mapping t	2	
0050.COMP	12	03:28	05:33:35.6	+05:35:03	300	90	3.0	#141 Mapping t	2	
0051.05452383+0440041	360	03:29	05:45:23.8	+04:40:04	300	90	3.0	#141 Mapping t	2	
0052.COMP	12	03:35	05:45:23.8	+04:40:04	300	90	3.0	#141 Mapping t	2	
0053.05464034+6110500	240	03:38	05:46:40.3	+61:10:50	300	90	3.0	#141 Mapping t	2	

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0054.COMP	12	03:42	05:46:40.3	+61:10:50	300	90	3.0	#141 Mapping t	2	
0055.05565989+6335430	360	03:43	05:56:59.9	+63:35:43	300	90	3.0	#141 Mapping t	2	
0056.COMP	12	03:50	05:56:59.9	+63:35:43	300	90	3.0	#141 Mapping t	2	
0057.05573780+6209590	240	03:51	05:57:37.8	+62:09:59	300	90	3.0	#141 Mapping t	2	
0058.COMP	12	03:55	05:57:37.8	+62:09:59	300	90	3.0	#141 Mapping t	2	
0059.05584858+7949377	240	03:58	05:58:48.6	+79:49:38	300	90	3.0	#141 Mapping t	2	seeing 3arcsec
0060.COMP	12	04:02	05:58:48.6	+79:49:38	300	90	3.0	#141 Mapping t	2	
0061.06175828+7950147	240	04:04	06:17:58.3	+79:50:15	300	90	3.0	#141 Mapping t	2	
0062.COMP	12	04:08	06:17:58.3	+79:50:15	300	90	3.0	#141 Mapping t	2	
0063.06250323+7627019	360	04:10	06:25:03.2	+76:27:02	300	90	3.0	#141 Mapping t	2	
0064.COMP	12	04:17	06:25:03.2	+76:27:02	300	90	3.0	#141 Mapping t	2	
0065.06385396+4233015	360	04:19	06:38:54.0	+42:33:01	300	90	3.0	#141 Mapping t	2	scattered light: high bkgd
0066.COMP	12	04:26	06:38:54.0	+42:33:01	300	90	3.0	#141 Mapping t	2	
0067.06393035+3746041	360	04:27	06:39:30.3	+37:46:04	300	90	3.0	#141 Mapping t	2	
0068.COMP	12	04:34	06:39:30.3	+37:46:04	300	90	3.0	#141 Mapping t	2	
0069.Feige34	180	04:36	10:39:36.9	+43:06:11	300	90	3.0	#56 Spectropho	2	
0070.Feige34	180	04:39	10:39:36.9	+43:06:11	300	90	3.0	#56 Spectropho	2	
0071.COMP	12	04:43	10:39:36.9	+43:06:11	300	90	3.0	#56 Spectropho	2	
0072.HD84937	20	04:48	09:48:54.9	+13:45:14	300	90	3.0	#56 Spectropho	2	
0073.HD84937	20	04:49	09:48:54.9	+13:45:14	300	90	3.0	#56 Spectropho	2	

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0074.HD84937	20	04:49	09:48:54.9	+13:45:14	300	90	3.0	#56 Spectropho	2	
0075.COMP	12	04:50	09:48:54.9	+13:45:14	300	90	3.0	#56 Spectropho	2	
0076.HD84937	10	04:53	09:48:54.9	+13:45:14	300	90	5.0	#56 Spectropho	2	5 arcsec slit, header wrong
0077.HD84937	10	04:53	09:48:54.9	+13:45:14	300	90	5.0	#56 Spectropho	2	
0078.HD84937	10	04:54	09:48:54.9	+13:45:14	300	90	5.0	#56 Spectropho	2	
0079.HD84937	10	04:54	09:48:54.9	+13:45:14	300	90	5.0	#56 Spectropho	2	
0080.HD84937	10	04:54	09:48:54.9	+13:45:14	300	90	5.0	#56 Spectropho	2	
0081.COMP	10	04:55	09:48:54.9	+13:45:14	300	90	5.0	#56 Spectropho	2	
0082.Feige34	120	04:57	10:39:36.9	+43:06:11	300	90	5.0	#56 Spectropho	2	
0083.Feige34	120	04:59	10:39:36.9	+43:06:11	300	90	5.0	#56 Spectropho	2	
0084.Feige34	120	05:01	10:39:36.9	+43:06:11	300	90	5.0	#56 Spectropho	2	
0085.Feige34	120	05:04	10:39:36.9	+43:06:11	300	90	5.0	#56 Spectropho	2	
0086.Feige34	120	05:06	10:39:36.9	+43:06:11	300	90	5.0	#56 Spectropho	2	
0087.COMP	7	05:08	10:39:36.9	+43:06:11	300	90	5.0	#56 Spectropho	2	
0088-0092.FLAT	10	05:11	10:39:36.9	+43:06:11	300	90	5.0	#56 Spectropho	2	
0093.COMP	12	05:14	10:39:36.9	+43:06:11	300	90	3.0	#56 Spectropho	2	
0094.cirsfastf083	480	05:16	11:22:53.5	+01:06:24	300	90	3.0	#172 SDSS Clus	2	gxy to E: =083E
0095.COMP	12	05:25	11:22:53.5	+01:06:24	300	90	3.0	#172 SDSS Clus	2	
0096.cirsfastf084	480	05:26	11:22:55.4	+01:06:14	300	90	3.0	#172 SDSS Clus	2	
0097.COMP	12	05:35	11:22:55.4	+01:06:14	300	90	3.0	#172 SDSS Clus	2	

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0098.cirsfastf091	480	05:37	11:26:54.9	+02:35:52	300	90	3.0	#172 SDSS Clus	2	
0099.COMP	12	05:46	11:26:54.9	+02:35:52	300	90	3.0	#172 SDSS Clus	2	
0100.cirsfastf093	720	05:47	11:28:24.7	+02:08:45	300	90	3.0	#172 SDSS Clus	2	
0101.COMP	12	05:59	11:28:24.7	+02:08:45	300	90	3.0	#172 SDSS Clus	2	
0102.cirsfastf094	480	06:00	11:29:11.8	+01:59:46	300	90	3.0	#172 SDSS Clus	2	
0103.COMP	12	06:09	11:29:11.8	+01:59:46	300	90	3.0	#172 SDSS Clus	2	
0104.cirsfastf095	420	06:11	11:29:48.5	+03:18:17	300	90	3.0	#172 SDSS Clus	2	
0105.COMP	12	06:19	11:29:48.5	+03:18:17	300	90	3.0	#172 SDSS Clus	2	
0106.cirsfastf097	600	06:20	11:29:57.2	+03:18:02	300	90	3.0	#172 SDSS Clus	2	
0107.COMP	12	06:30	11:29:57.2	+03:18:02	300	90	3.0	#172 SDSS Clus	2	
0108.cirsfastf089	720	06:33	11:26:02.3	+02:18:03	300	90	3.0	#172 SDSS Clus	2	
0109.COMP	12	06:46	11:26:02.3	+02:18:03	300	90	3.0	#172 SDSS Clus	2	
0110.cirsfastf090	720	06:47	11:26:11.2	+02:07:08	300	90	3.0	#172 SDSS Clus	2	
0111.COMP	12	06:59	11:26:11.2	+02:07:08	300	90	3.0	#172 SDSS Clus	2	
0112.sn2008bf	1200	07:01	12:04:02.9	+20:14:43	300	90	3.0	#2 SN Observat	2	
0113.COMP	12	07:21	12:04:02.9	+20:14:43	300	90	3.0	#2 SN Observat	2	
0114.sn2008ax	1200	07:23	12:30:40.8	+41:38:15	300	90	3.0	#2 SN Observat	2	
0115.COMP	12	07:43	12:30:40.8	+41:38:15	300	90	3.0	#2 SN Observat	2	
0116.hecsfast001	600	07:46	11:12:18.1	+17:18:25	300	90	3.0	#172 SDSS Clus	2	
0117.COMP	12	07:56	11:12:18.1	+17:18:25	300	90	3.0	#172 SDSS Clus	2	

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0118.hecsfast002	600	07:58	11:14:46.2	+17:18:31	300	90	3.0	#172 SDSS Clus	2	seeing 3-4arcsec
0119.COMP	12	08:08	11:14:46.2	+17:18:31	300	90	3.0	#172 SDSS Clus	2	
0120.hecsfast028	600	08:10	11:12:43.7	+13:25:11	300	90	3.0	#172 SDSS Clus	2	
0121.COMP	12	08:20	11:12:43.7	+13:25:11	300	90	3.0	#172 SDSS Clus	2	
0122.hecsfast003	600	08:23	13:12:13.6	-00:58:28	300	90	3.0	#172 SDSS Clus	2	
0123.COMP	12	08:33	13:12:13.6	-00:58:28	300	90	3.0	#172 SDSS Clus	2	
0124.hecsfast035	300	08:37	15:33:13.0	+31:18:18	300	90	3.0	#172 SDSS Clus	2	
0125.COMP	12	08:43	15:33:13.0	+31:18:18	300	90	3.0	#172 SDSS Clus	2	seeing blowing up
0126.fmfs445	600	08:47	16:57:46.8	-02:06:03	300	90	3.0	#171 Local Uni	2	seeing 5+
0127.COMP	12	08:58	16:57:46.8	-02:06:03	300	90	3.0	#171 Local Uni	2	
0128.fmfs446	600	08:59	16:57:49.5	-01:56:03	300	90	3.0	#171 Local Uni	2	
0129.COMP	12	09:09	16:57:49.5	-01:56:03	300	90	3.0	#171 Local Uni	2	
0130.fmfs447	480	09:11	16:58:01.3	-01:49:22	300	90	3.0	#171 Local Uni	2	bright star SE, bleeding from bad seeing
0131.COMP	12	09:19	16:58:01.3	-01:49:22	300	90	3.0	#171 Local Uni	2	
0132.fmfs448	900	09:22	16:58:03.7	-01:50:07	300	60	3.0	#171 Local Uni	2	rot=60, row90=448, row65=fmfs449
0133.COMP	12	09:38	16:58:03.7	-01:50:07	300	60	3.0	#171 Local Uni	2	
0134.BIAS	0	10:36	16:34:56.6	+31:31:57	300	90	3.0	#171 Local Uni	2	ccd hang, rebooted ccd60 and flw60
0135.fmfs450	600	10:39	16:58:05.8	-01:43:09	300	90	3.0	#171 Local Uni	2	rot=90, seeing 2ish
0136.COMP	12	10:50	16:58:05.8	-01:43:09	300	90	3.0	#171 Local Uni	2	
0137.fmfs451	900	10:51	16:58:41.2	-02:31:52	300	90	3.0	#171 Local Uni	2	

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0138.COMP	12	11:07	16:58:41.2	-02:31:52	300	90	3.0	#171 Local Uni	2	
0139.fmfs452	480	11:08	16:59:17.3	-02:04:28	300	90	3.0	#171 Local Uni	2	
0140.COMP	12	11:16	16:59:17.3	-02:04:28	300	90	3.0	#171 Local Uni	2	
0141.fmfs453	480	11:17	16:59:20.4	-01:53:11	300	90	3.0	#171 Local Uni	2	
0142.COMP	12	11:25	16:59:20.4	-01:53:11	300	90	3.0	#171 Local Uni	2	
0143.fmfs456	720	11:27	17:00:57.2	-01:50:44	300	90	3.0	#171 Local Uni	2	
0144.COMP	12	11:39	17:00:57.2	-01:50:44	300	90	3.0	#171 Local Uni	2	
0145.fmfs457	420	11:40	17:01:27.2	-01:50:55	300	90	3.0	#171 Local Uni	2	
0146.COMP	12	11:47	17:01:27.2	-01:50:55	300	90	3.0	#171 Local Uni	2	
0147.sn2008bo	1200	11:50	18:19:54.3	+74:34:21	300	90	3.0	#2 SN Observat	2	
0148.COMP	12	12:11	18:19:54.3	+74:34:21	300	90	3.0	#12 Symbiotic	2	
0149.V2468Cyg	1	12:13	19:58:33.6	+29:52:12	300	90	3.0	#12 Symbiotic	2	
0150.V2468Cyg	10	12:13	19:58:33.6	+29:52:12	300	90	3.0	#12 Symbiotic	2	
0151.V2468Cyg	60	12:13	19:58:33.6	+29:52:12	300	90	3.0	#12 Symbiotic	2	
0152.COMP	12	12:15	19:58:33.6	+29:52:12	300	90	3.0	#12 Symbiotic	2	
0153.V2491Cyg	1	12:16	19:43:02.0	+32:19:14	300	90	3.0	#12 Symbiotic	2	
0154.V2491Cyg	10	12:16	19:43:02.0	+32:19:14	300	90	3.0	#12 Symbiotic	2	
0155.V2491Cyg	60	12:16	19:43:02.0	+32:19:14	300	90	3.0	#12 Symbiotic	2	
0156.COMP	12	12:18	19:43:02.0	+32:19:14	300	90	3.0	#12 Symbiotic	2	
0157.V2491Cyg	20	12:18	19:43:02.0	+32:19:14	300	90	3.0	#12 Symbiotic	2	

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0158-0167.BIAS	0	12:32	19:43:02.0	+32:19:14	300	90	3.0	#171 Local Uni	2	
0168-0182.FLAT	25	12:42	19:43:02.0	+32:19:14	300	90	3.0	#171 Local Uni	2	
0183-0192.DARK	900	15:02	19:43:02.0	+32:19:14	300	90	3.0	#171 Local Uni	2	

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<i>File</i>	<i>Exp Time</i>	<i>UT Start</i>	<i>RA</i>	<i>Dec</i>	<i>Gr.</i>	<i>P.A.</i>	<i>Slit</i>	<i>Program</i>	<i>Bin</i>	<i>Comments</i>
0001-0010.DARK	900	00:43	19:43:02.0	+32:19:14	300	90	3.0	#171 Local Uni	2	
0011.BIAS	0	01:09	19:43:02.0	+32:19:14	300	90	3.0	#171 Local Uni	2	cirrus to NW
0012-0021.BIAS	0	01:11	19:43:02.0	+32:19:14	300	90	3.0	#171 Local Uni	2	
0022-0036.FLAT	25	01:36	19:43:02.0	+32:19:14	300	90	3.0	#171 Local Uni	2	
0037.COMP	12	01:38	19:43:02.0	+32:19:14	300	90	3.0	#171 Local Uni	2	
0038.BIAS	0	02:08	19:43:02.0	+32:19:14	600	90	1.5	#171 Local Uni	4	binby4
0039-0047.BIAS	0	02:10	19:43:02.0	+32:19:14	600	90	1.5	#171 Local Uni	4	
0048.FLAT	45	02:10	19:43:02.0	+32:19:14	600	90	1.5	#171 Local Uni	4	grating cover closed oops
0049-0054.FLAT	45	02:17	19:43:02.0	+32:19:14	600	90	1.5	#171 Local Uni	4	
0055.FLAT	50	02:20	19:43:02.0	+32:19:14	600	90	1.5	#171 Local Uni	4	1.5 slit, header wrong
0056-0059.FLAT	55	02:25	19:43:02.0	+32:19:14	600	90	1.5	#171 Local Uni	4	
0060.FLAT	55	02:26	19:43:02.0	+32:19:14	600	90	1.5	#171 Local Uni	4	header correct
0061-0065.FLAT	55	02:31	19:43:02.0	+32:19:14	600	90	1.5	#171 Local Uni	4	
0066.HD84937	30	02:39	09:48:54.9	+13:45:14	600	90	1.5	#56 Spectropho	4	
0067.HD84937	30	02:40	09:48:54.9	+13:45:14	600	90	1.5	#56 Spectropho	4	
0068.HD84937	30	02:41	09:48:54.9	+13:45:14	600	90	1.5	#56 Spectropho	4	
0069.HD84937	30	02:42	09:48:54.9	+13:45:14	600	90	1.5	#56 Spectropho	4	
0070.COMP	10	02:43	09:48:54.9	+13:45:14	600	90	1.5	#56 Spectropho	4	
0071.Feige34	180	02:45	10:39:36.9	+43:06:11	600	90	1.5	#56 Spectropho	4	
0072.Feige34	180	02:48	10:39:36.9	+43:06:11	600	90	1.5	#56 Spectropho	4	

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<i>File</i>	<i>Exp Time</i>	<i>UT Start</i>	<i>RA</i>	<i>Dec</i>	<i>Gr.</i>	<i>P.A.</i>	<i>Slit</i>	<i>Program</i>	<i>Bin</i>	<i>Comments</i>
0073.COMP	10	02:52	10:39:36.9	+43:06:11	600	90	1.5	#56 Spectropho	4	
0074.bd382182	60	02:53	10:49:12.9	+38:00:15	600	90	1.5	#182 Runaway B	4	
0075.bd382182	60	02:54	10:49:12.9	+38:00:15	600	90	1.5	#182 Runaway B	4	
0076.COMP	10	02:56	10:49:12.9	+38:00:15	600	90	1.5	#182 Runaway B	4	
0077.bcand485	960	02:57	10:10:18.8	+30:20:28	600	90	1.5	#182 Runaway B	4	
0078.COMP	10	03:13	10:10:18.8	+30:20:28	600	90	1.5	#182 Runaway B	4	
0079.bcand491	600	03:15	10:25:41.3	+45:43:32	600	90	1.5	#182 Runaway B	4	
0080.COMP	10	03:29	10:25:41.3	+45:43:32	600	90	1.5	#182 Runaway B	4	
0081.bd382182	60	03:30	10:49:12.9	+38:00:15	600	90	1.5	#182 Runaway B	4	
0082.COMP	10	03:31	10:49:12.9	+38:00:15	600	90	1.5	#182 Runaway B	4	
0083.bcand485	960	03:32	10:10:18.8	+30:20:28	600	90	1.5	#182 Runaway B	4	
0084.COMP	10	03:49	10:10:18.8	+30:20:28	600	90	1.5	#182 Runaway B	4	
0085.bcand491	600	03:50	10:25:41.3	+45:43:32	600	90	1.5	#182 Runaway B	4	
0086.COMP	10	04:01	10:25:41.3	+45:43:32	600	90	1.5	#182 Runaway B	4	
0087.bd382182	60	04:02	10:49:12.9	+38:00:15	600	90	1.5	#182 Runaway B	4	
0088.COMP	10	04:03	10:49:12.9	+38:00:15	600	90	1.5	#182 Runaway B	4	
0089.bcand485	960	04:04	10:10:18.8	+30:20:28	600	90	1.5	#182 Runaway B	4	
0090.COMP	10	04:20	10:10:18.8	+30:20:28	600	90	1.5	#182 Runaway B	4	
0091.bcand491	600	04:21	10:25:41.3	+45:43:32	600	90	1.5	#182 Runaway B	4	
0092.COMP	10	04:32	10:25:41.3	+45:43:32	600	90	1.5	#182 Runaway B	4	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0093.bd382182	60	04:33	10:49:12.9	+38:00:15	600	90	1.5	#182 Runaway B	4	
0094.COMP	10	04:34	10:49:12.9	+38:00:15	600	90	1.5	#182 Runaway B	4	
0095.bcand485	960	04:35	10:10:18.8	+30:20:28	600	90	1.5	#182 Runaway B	4	seeing worse 2-3+
0096.COMP	10	04:51	10:10:18.8	+30:20:28	600	90	1.5	#182 Runaway B	4	
0097.bcand491	600	04:53	10:25:41.3	+45:43:32	600	90	1.5	#182 Runaway B	4	
0098.COMP	10	05:03	10:25:41.3	+45:43:32	600	90	1.5	#182 Runaway B	4	
0099.bd382182	60	05:04	10:49:12.9	+38:00:15	600	90	1.5	#182 Runaway B	4	
0100.COMP	10	05:05	10:49:12.9	+38:00:15	600	90	1.5	#182 Runaway B	4	
0101.bcand485	960	05:06	10:10:18.8	+30:20:28	600	90	1.5	#182 Runaway B	4	
0102.COMP	10	05:23	10:10:18.8	+30:20:28	600	90	1.5	#182 Runaway B	4	
0103.bcand491	600	05:24	10:25:41.3	+45:43:32	600	90	1.5	#182 Runaway B	4	
0104.COMP	10	05:39	10:25:41.3	+45:43:32	600	90	1.5	#182 Runaway B	4	
0105.bd382182	60	05:40	10:49:12.9	+38:00:15	600	90	1.5	#182 Runaway B	4	
0106.COMP	10	05:41	10:49:12.9	+38:00:15	600	90	1.5	#182 Runaway B	4	
0107.bcand485	960	05:42	10:10:18.8	+30:20:28	600	90	1.5	#182 Runaway B	4	
0108.COMP	10	05:59	10:10:18.8	+30:20:28	600	90	1.5	#182 Runaway B	4	
0109.bd362268	30	06:00	12:25:23.5	+35:58:34	600	90	1.5	#182 Runaway B	4	get 2x these while WDs rise
0110.COMP	10	06:01	12:25:23.5	+35:58:34	600	90	1.5	#182 Runaway B	4	
0111.bcand563	720	06:02	11:50:06.6	+36:00:18	600	90	1.5	#182 Runaway B	4	
0112.COMP	10	06:14	11:50:06.6	+36:00:18	600	90	1.5	#182 Runaway B	4	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0113.bcand566	900	06:16	12:05:50.2	+62:16:32	600	90	1.5	#182 Runaway B	4	
0114.COMP	10	06:32	12:05:50.2	+62:16:32	600	90	1.5	#182 Runaway B	4	
0115.bcand491	600	06:33	10:25:41.3	+45:43:32	600	90	1.5	#182 Runaway B	4	
0116.COMP	10	06:43	10:25:41.3	+45:43:32	600	90	1.5	#182 Runaway B	4	
0117.bd382182	60	06:44	10:49:12.9	+38:00:15	600	90	1.5	#182 Runaway B	4	
0118.COMP	10	06:47	10:49:12.9	+38:00:15	600	90	1.5	#182 Runaway B	4	
0119.bd362268	30	06:49	12:25:23.5	+35:58:34	600	90	1.5	#182 Runaway B	4	
0120.COMP	10	06:50	12:25:23.5	+35:58:34	600	90	1.5	#182 Runaway B	4	
0121.bcand563	720	06:51	11:50:06.6	+36:00:18	600	90	1.5	#182 Runaway B	4	
0122.COMP	10	07:03	11:50:06.6	+36:00:18	600	90	1.5	#182 Runaway B	4	
0123.bcand566	900	07:04	12:05:50.2	+62:16:32	600	90	1.5	#182 Runaway B	4	
0124.COMP	10	07:20	12:05:50.2	+62:16:32	600	90	1.5	#182 Runaway B	4	
0125.bd362268	30	07:21	12:25:23.5	+35:58:34	600	90	1.5	#182 Runaway B	4	
0126.COMP	10	07:22	12:25:23.5	+35:58:34	600	90	1.5	#182 Runaway B	4	
0127.bd382182	60	07:23	10:49:12.9	+38:00:15	600	90	1.5	#182 Runaway B	4	
0128.COMP	10	07:24	10:49:12.9	+38:00:15	600	90	1.5	#182 Runaway B	4	
0129.COMP	10	07:27	10:49:12.9	+38:00:15	600	90	2.0	#178 Very Low	4	new slit
0130.pg1614p136	780	07:32	16:16:52.0	+13:34:24	600	90	2.0	#178 Very Low	4	poor seeing, start w/this one
0131.COMP	10	07:45	16:16:52.0	+13:34:24	600	90	2.0	#178 Very Low	4	b/c pg1554 hard to find in bad seeing
0132.BDp262606	60	07:47	14:49:02.4	+25:42:09	600	90	2.0	#56 Spectropho	4	

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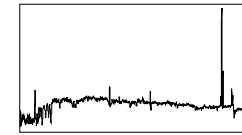
<i>File</i>	<i>Exp Time</i>	<i>UT Start</i>	<i>RA</i>	<i>Dec</i>	<i>Gr.</i>	<i>P.A.</i>	<i>Slit</i>	<i>Program</i>	<i>Bin</i>	<i>Comments</i>
0133.BDp262606	60	07:48	14:49:02.4	+25:42:09	600	90	2.0	#56 Spectropho	4	
0134.BDp262606	60	07:49	14:49:02.4	+25:42:09	600	90	2.0	#56 Spectropho	4	
0135.COMP	10	07:50	14:49:02.4	+25:42:09	600	90	2.0	#56 Spectropho	4	
0136.BDp332642	120	07:51	15:52:00.0	+32:56:54	600	90	2.0	#56 Spectropho	4	
0137.BDp332642	120	07:53	15:52:00.0	+32:56:54	600	90	2.0	#56 Spectropho	4	
0138.COMP	10	07:56	15:52:00.0	+32:56:54	600	90	2.0	#56 Spectropho	4	
0139.pg1614p136	780	07:57	16:16:52.0	+13:34:24	600	90	2.0	#178 Very Low	4	
0140.COMP	10	08:11	16:16:52.0	+13:34:24	600	90	2.0	#178 Very Low	4	
0141.pg1554p262	1680	08:12	15:56:23.9	+26:04:42	600	90	2.0	#178 Very Low	4	seeing 2-5+
0142.COMP	10	08:41	15:56:23.9	+26:04:42	600	90	2.0	#178 Very Low	4	
0143.pg1654p637	960	08:45	16:54:30.0	+63:39:23	600	90	2.0	#178 Very Low	4	
0144.COMP	10	09:02	16:54:30.0	+63:39:23	600	90	2.0	#178 Very Low	4	
0145.pg1614p136	780	09:04	16:16:52.0	+13:34:24	600	90	2.0	#178 Very Low	4	windy
0146.COMP	10	09:17	16:16:52.0	+13:34:24	600	90	2.0	#178 Very Low	4	
0147.pg1554p262	1680	09:19	15:56:23.9	+26:04:42	600	90	2.0	#178 Very Low	4	
0148.COMP	10	09:47	15:56:23.9	+26:04:42	600	90	2.0	#178 Very Low	4	
0149.pg1654p637	960	09:50	16:54:30.0	+63:39:23	600	90	2.0	#178 Very Low	4	
0150.COMP	10	10:06	16:54:30.0	+63:39:23	600	90	2.0	#178 Very Low	4	
0151.pg1614p136	780	10:09	16:16:52.0	+13:34:24	600	90	2.0	#178 Very Low	4	
0152.COMP	10	10:22	16:16:52.0	+13:34:24	600	90	2.0	#178 Very Low	4	

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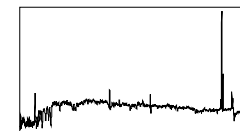
<i>File</i>	<i>Exp Time</i>	<i>UT Start</i>	<i>RA</i>	<i>Dec</i>	<i>Gr.</i>	<i>P.A.</i>	<i>Slit</i>	<i>Program</i>	<i>Bin</i>	<i>Comments</i>
0153.pg1554p262	1680	10:23	15:56:23.9	+26:04:42	600	90	2.0	#178 Very Low	4	
0154.COMP	10	10:52	15:56:23.9	+26:04:42	600	90	2.0	#178 Very Low	4	
0155.pg1654p637	960	10:55	16:54:30.0	+63:39:23	600	90	2.0	#178 Very Low	4	
0156.COMP	10	11:11	16:54:30.0	+63:39:23	600	90	2.0	#178 Very Low	4	
0157.pg1554p262	1389	11:14	15:56:23.9	+26:04:42	600	90	2.0	#178 Very Low	4	cut short to fit in others before dawn
0158.COMP	10	11:37	15:56:23.9	+26:04:42	600	90	2.0	#178 Very Low	4	
0159.pg1654p637	720	11:39	16:54:30.0	+63:39:23	600	90	2.0	#178 Very Low	4	
0160.COMP	10	11:52	16:54:30.0	+63:39:23	600	90	2.0	#178 Very Low	4	
0161.pg1614p136	780	11:54	16:16:52.0	+13:34:24	600	90	2.0	#178 Very Low	4	
0162.COMP	10	12:07	16:16:52.0	+13:34:24	600	90	2.0	#178 Very Low	4	
0163-0173.BIAS	0	12:14	16:16:52.0	+13:34:24	600	90	2.0	#178 Very Low	4	
0174.FLAT	60	12:19	16:16:52.0	+13:34:24	600	90	2.0	#178 Very Low	4	saturated at red end
0175-0176.FLAT	60	12:21	16:16:52.0	+13:34:24	600	90	2.0	#178 Very Low	4	
0177-0186.FLAT	45	12:31	16:16:52.0	+13:34:24	600	90	2.0	#178 Very Low	4	
0187-0196.DARK	900	14:55	16:16:52.0	+13:34:24	600	90	2.0	#178 Very Low	4	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001.BIAS	0	23:05	16:16:52.0	+13:34:24	300	90	3.0	#178 Very Low	4	binby4
0002.BIAS	0	23:05	16:16:52.0	+13:34:24	300	90	3.0	#178 Very Low	2	binby2
0003.DARK	900	23:06	16:16:52.0	+13:34:24	300	90	3.0	#178 Very Low	2	cirrus
0004-0012.DARK	900	01:24	16:16:52.0	+13:34:24	300	90	3.0	#178 Very Low	2	
0013.COMP	12	01:49	16:16:52.0	+13:34:24	300	90	3.0	#178 Very Low	2	adjusting tilt, header wrong config
0014.COMP	12	01:54	16:16:52.0	+13:34:24	300	90	3.0	#178 Very Low	2	
0015.BIAS	0	01:55	16:16:52.0	+13:34:24	300	90	3.0	#178 Very Low	2	header wrong config
0016-0025.BIAS	0	01:57	16:16:52.0	+13:34:24	300	90	3.0	#178 Very Low	2	
0026.FLAT	25	01:59	16:16:52.0	+13:34:24	300	90	3.0	#178 Very Low	2	headers correct
0027-0040.FLAT	25	02:08	16:16:52.0	+13:34:24	300	90	3.0	#178 Very Low	2	
0041.COMP	12	02:25	16:16:52.0	+13:34:24	300	90	3.0	#178 Very Low	2	
0042.N3377	180	02:32	10:47:42.0	+13:59:09	300	90	3.0	#57 Velocity S	2	
0043.COMP	12	02:36	10:47:42.0	+13:59:09	300	90	3.0	#57 Velocity S	2	
0044.orionirx	300	02:40	06:29:45.3	-05:00:32	300	90	3.0	#170 h & chi P	2	
0045.COMP	12	02:46	06:29:45.3	-05:00:32	300	90	3.0	#6 AGN Monitor	2	
0046.MRK421	240	02:47	11:04:27.4	+38:12:32	300	90	3.0	#6 AGN Monitor	2	
0047.MRK421	240	02:52	11:04:27.4	+38:12:32	300	90	3.0	#6 AGN Monitor	2	
0048.COMP	12	02:56	11:04:27.4	+38:12:32	300	90	3.0	#6 AGN Monitor	2	
0049.HD84937	20	02:57	09:48:54.9	+13:45:14	300	90	3.0	#56 Spectropho	2	
0050.HD84937	20	02:58	09:48:54.9	+13:45:14	300	90	3.0	#56 Spectropho	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0051.HD84937	20	02:58	09:48:54.9	+13:45:14	300	90	3.0	#56 Spectropho	2	
0052.COMP	12	02:59	09:48:54.9	+13:45:14	300	90	3.0	#56 Spectropho	2	
0053.05303755+0447565	600	03:03	05:30:37.6	+04:47:57	300	90	3.0	#141 Mapping t	2	
0054.COMP	12	03:13	05:30:37.6	+04:47:57	300	90	3.0	#141 Mapping t	2	
0055.05353379+0147020	600	03:20	05:35:33.8	+01:47:02	300	90	3.0	#141 Mapping t	2	
0056.COMP	12	03:30	05:35:33.8	+01:47:02	300	90	3.0	#141 Mapping t	2	
0057.05260137+6256584	480	03:34	05:26:01.4	+62:56:58	300	90	3.0	#141 Mapping t	2	cirrus and Moon
0058.COMP	12	03:42	05:26:01.4	+62:56:58	300	90	3.0	#141 Mapping t	2	
0059.05253085+6708037	480	03:44	05:25:30.9	+67:08:04	300	90	3.0	#141 Mapping t	2	
0060.COMP	12	03:52	05:25:30.9	+67:08:04	300	90	3.0	#141 Mapping t	2	
0061.05263512+6404435	480	03:53	05:26:35.1	+64:04:43	300	90	3.0	#141 Mapping t	2	
0062.COMP	12	04:02	05:26:35.1	+64:04:43	300	90	3.0	#141 Mapping t	2	
0063.05393361+6640136	360	04:03	05:39:33.6	+66:40:14	300	90	3.0	#141 Mapping t	2	
0064.COMP	12	04:09	05:39:33.6	+66:40:14	300	90	3.0	#141 Mapping t	2	
0065.05394969+6247515	480	04:11	05:39:49.7	+62:47:52	300	90	3.0	#141 Mapping t	2	
0066.COMP	12	04:20	05:39:49.7	+62:47:52	300	90	3.0	#141 Mapping t	2	
0067.05461322+8422350	600	04:26	05:46:13.2	+84:22:35	300	90	3.0	#141 Mapping t	2	
0068.COMP	12	04:36	05:46:13.2	+84:22:35	300	90	3.0	#141 Mapping t	2	
0069.06230772+8312357	600	04:39	06:23:07.7	+83:12:36	300	90	3.0	#141 Mapping t	2	
0070.COMP	12	04:50	06:23:07.7	+83:12:36	300	90	3.0	#141 Mapping t	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0071.06304157+7709324	600	04:51	06:30:41.6	+77:09:32	300	90	3.0	#141 Mapping t	2	
0072.COMP	12	05:01	06:30:41.6	+77:09:32	300	90	3.0	#141 Mapping t	2	
0073.06405042+8254095	480	05:06	06:40:50.4	+82:54:09	300	90	3.0	#141 Mapping t	2	
0074.COMP	12	05:14	06:40:50.4	+82:54:09	300	90	3.0	#172 SDSS Clus	2	
0075.4dlxfast052	480	05:18	08:18:30.6	+56:35:59	300	90	3.0	#172 SDSS Clus	2	
0076.COMP	12	05:27	08:18:30.6	+56:35:59	300	90	3.0	#172 SDSS Clus	2	
0077.4dlxfast049	600	05:28	08:18:07.5	+57:54:52	300	90	3.0	#172 SDSS Clus	2	
0078.COMP	12	05:39	08:18:07.5	+57:54:52	300	90	3.0	#172 SDSS Clus	2	
0079.4dlxfast056	600	05:40	08:19:07.1	+56:32:51	300	90	3.0	#172 SDSS Clus	2	
0080.COMP	12	05:51	08:19:07.1	+56:32:51	300	90	3.0	#172 SDSS Clus	2	
0081.4dlxfast073	720	05:52	08:24:46.9	+54:47:10	300	90	3.0	#172 SDSS Clus	2	
0082.COMP	12	06:05	08:24:46.9	+54:47:10	300	90	3.0	#172 SDSS Clus	2	
0083.Feige34	180	06:06	10:39:36.9	+43:06:11	300	90	3.0	#56 Spectropho	2	
0084.Feige34	180	06:10	10:39:36.9	+43:06:11	300	90	3.0	#56 Spectropho	2	
0085.COMP	12	06:13	10:39:36.9	+43:06:11	300	90	3.0	#2 SN Observat	2	
0086.sn2008aw	1800	06:22	13:04:14.1	-10:19:12	300	-5	3.0	#2 SN Observat	2	rot=-5
0087.COMP	12	06:52	13:04:14.1	-10:19:12	300	-5	3.0	#2 SN Observat	2	
0088.sn2008ar	1800	06:56	12:24:37.9	+10:50:17	300	90	3.0	#2 SN Observat	2	rot=90
0089.COMP	12	07:26	12:24:37.9	+10:50:17	300	90	3.0	#2 SN Observat	2	
0090.sn2008bj	1800	07:30	11:51:47.8	+46:52:30	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
0091.COMP	12	08:01	11:51:47.8	+46:52:30	300	90	3.0	#172 SDSS Clus	2	
0092.hecsfast029	600	08:02	11:12:48.5	+13:16:41	300	90	3.0	#172 SDSS Clus	2	
0093.COMP	12	08:13	11:12:48.5	+13:16:41	300	90	3.0	#172 SDSS Clus	2	
0094.hecsfast030	900	08:14	11:24:53.1	+21:07:40	300	90	3.0	#172 SDSS Clus	2	
0095.COMP	12	08:31	11:24:53.1	+21:07:40	300	90	3.0	#172 SDSS Clus	2	
0096.hecsfast031	720	08:33	11:22:19.2	+21:50:23	300	90	3.0	#172 SDSS Clus	2	
0097.COMP	12	08:45	11:22:19.2	+21:50:23	300	90	3.0	#172 SDSS Clus	2	
0098.hecsfast034	900	08:47	13:06:50.0	+46:33:33	300	90	3.0	#172 SDSS Clus	2	row120=034W
0099.COMP	12	09:03	13:06:50.0	+46:33:33	300	90	3.0	#172 SDSS Clus	2	
0100.cirs3fastf132	480	09:05	16:01:55.2	+15:28:42	300	90	3.0	#172 SDSS Clus	2	
0101.COMP	12	09:13	16:01:55.2	+15:28:42	300	90	3.0	#172 SDSS Clus	2	
0102.cirs3fastf133	480	09:15	16:01:55.6	+15:42:23	300	90	3.0	#172 SDSS Clus	2	
0103.COMP	12	09:23	16:01:55.6	+15:42:23	300	90	3.0	#172 SDSS Clus	2	
0104.cirs3fastf129	480	09:24	16:01:45.9	+15:08:20	300	90	3.0	#172 SDSS Clus	2	
0105.COMP	12	09:32	16:01:45.9	+15:08:20	300	90	3.0	#172 SDSS Clus	2	
0106.cirs3fastf134	360	09:33	16:02:00.5	+15:29:27	300	90	3.0	#172 SDSS Clus	2	
0107.COMP	12	09:39	16:02:00.5	+15:29:27	300	90	3.0	#172 SDSS Clus	2	
0108.cirs3fastf135	360	09:40	16:02:09.6	+15:13:02	300	90	3.0	#172 SDSS Clus	2	
0109.COMP	12	09:47	16:02:09.6	+15:13:02	300	90	3.0	#172 SDSS Clus	2	
0110.cirs3fastf190	480	09:48	16:09:09.4	+16:25:50	300	48	3.0	#172 SDSS Clus	2	rot=48, row120=190, row50=191

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0111.COMP	12	09:57	16:09:09.4	+16:25:50	300	48	3.0	#172 SDSS Clus	2	
0112.cirs3fastf160	600	10:06	16:04:54.5	+16:31:14	300	27	3.0	#172 SDSS Clus	2	rot=27, row135=160, row45=161
0113.COMP	12	10:17	16:04:54.5	+16:31:14	300	27	3.0	#172 SDSS Clus	2	
0114.cirs3fastf138	720	10:18	16:02:45.0	+17:18:15	300	90	3.0	#172 SDSS Clus	2	
0115.COMP	12	10:31	16:02:45.0	+17:18:15	300	90	3.0	#141 Mapping t	2	
0116.18213800+1718156	480	10:33	18:21:38.0	+17:18:16	300	90	3.0	#141 Mapping t	2	seeing very good
0117.COMP	12	10:42	18:21:38.0	+17:18:16	300	90	3.0	#141 Mapping t	2	
0118.18224382+1922355	360	10:43	18:22:43.8	+19:22:35	300	90	3.0	#141 Mapping t	2	
0119.COMP	12	10:49	18:22:43.8	+19:22:35	300	90	3.0	#141 Mapping t	2	
0120.18244945+2037598	300	10:50	18:24:49.4	+20:38:00	300	90	3.0	#141 Mapping t	2	
0121.COMP	12	10:55	18:24:49.4	+20:38:00	300	90	3.0	#141 Mapping t	2	
0122.18243580+1043473	240	10:57	18:24:35.8	+10:43:47	300	90	3.0	#141 Mapping t	2	
0123.COMP	12	11:01	18:24:35.8	+10:43:47	300	90	3.0	#141 Mapping t	2	
0124.18342816+1746076	300	11:02	18:34:28.2	+17:46:08	300	90	3.0	#141 Mapping t	2	
0125.COMP	12	11:07	18:34:28.2	+17:46:08	300	90	3.0	#141 Mapping t	2	
0126.18353178+1738285	360	11:08	18:35:31.8	+17:38:28	300	90	3.0	#141 Mapping t	2	stars? along slit
0127.COMP	12	11:15	18:35:31.8	+17:38:28	300	90	3.0	#141 Mapping t	2	
0128.18371729+1916396	240	11:16	18:37:17.3	+19:16:40	300	90	3.0	#141 Mapping t	2	
0129.COMP	12	11:20	18:37:17.3	+19:16:40	300	90	3.0	#141 Mapping t	2	
0130.18371754+2310126	300	11:21	18:37:17.5	+23:10:13	300	90	3.0	#141 Mapping t	2	

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<i>File</i>	<i>Exp Time</i>	<i>UT Start</i>	<i>RA</i>	<i>Dec</i>	<i>Gr.</i>	<i>P.A.</i>	<i>Slit</i>	<i>Program</i>	<i>Bin</i>	<i>Comments</i>
0131.COMP	12	11:26	18:37:17.5	+23:10:13	300	90	3.0	#141 Mapping t	2	
0132.18491812+2225196	360	11:28	18:49:18.1	+22:25:20	300	90	3.0	#141 Mapping t	2	obj close to WNW
0133.COMP	12	11:35	18:49:18.1	+22:25:20	300	90	3.0	#141 Mapping t	2	
0134.18551951+2915457	240	11:36	18:55:19.5	+29:15:46	300	90	3.0	#141 Mapping t	2	
0135.COMP	12	11:40	18:55:19.5	+29:15:46	300	90	3.0	#141 Mapping t	2	
0136.18350706+3217261	360	11:41	18:35:07.1	+32:17:26	300	90	3.0	#141 Mapping t	2	
0137.COMP	12	11:48	18:35:07.1	+32:17:26	300	90	3.0	#141 Mapping t	2	
0138.18354603+2929002	420	11:49	18:35:46.0	+29:29:00	300	90	3.0	#141 Mapping t	2	
0139.COMP	12	11:56	18:35:46.0	+29:29:00	300	90	3.0	#141 Mapping t	2	
0140.18361836+3656246	200	11:57	18:36:18.4	+36:56:25	300	90	3.0	#141 Mapping t	2	
0141.COMP	12	12:01	18:36:18.4	+36:56:25	300	90	3.0	#141 Mapping t	2	
0142.18491919+3639083	300	12:02	18:49:19.2	+36:39:08	300	90	3.0	#141 Mapping t	2	
0143.COMP	12	12:07	18:49:19.2	+36:39:08	300	90	3.0	#141 Mapping t	2	
0144.V2468Cyg	1	12:09	19:58:33.6	+29:52:12	300	90	3.0	#12 Symbiotic	2	
0145.V2468Cyg	10	12:09	19:58:33.6	+29:52:12	300	90	3.0	#12 Symbiotic	2	
0146.V2468Cyg	60	12:10	19:58:33.6	+29:52:12	300	90	3.0	#12 Symbiotic	2	
0147.COMP	12	12:11	19:58:33.6	+29:52:12	300	90	3.0	#12 Symbiotic	2	
0148.V2491Cyg	1	12:12	19:43:02.0	+32:19:14	300	90	3.0	#12 Symbiotic	2	
0149.V2491Cyg	5	12:12	19:43:02.0	+32:19:14	300	90	3.0	#12 Symbiotic	2	
0150.V2491Cyg	20	12:12	19:43:02.0	+32:19:14	300	90	3.0	#12 Symbiotic	2	

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<i>File</i>	<i>Exp Time</i>	<i>UT Start</i>	<i>RA</i>	<i>Dec</i>	<i>Gr.</i>	<i>P.A.</i>	<i>Slit</i>	<i>Program</i>	<i>Bin</i>	<i>Comments</i>
0151.COMP	12	12:13	19:43:02.0	+32:19:14	300	90	3.0	#12 Symbiotic	2	
0152.MRK501	200	12:15	16:53:52.1	+39:45:36	300	90	3.0	#6 AGN Monitor	2	
0153.COMP	12	12:18	16:53:52.1	+39:45:36	300	90	3.0	#12 Symbiotic	2	
0154.AGDra	2	12:20	16:01:41.0	+66:48:10	300	90	3.0	#12 Symbiotic	2	
0155.AGDra	15	12:20	16:01:41.0	+66:48:10	300	90	3.0	#12 Symbiotic	2	
0156.AGDra	45	12:20	16:01:41.0	+66:48:10	300	90	3.0	#12 Symbiotic	2	
0157.COMP	12	12:21	16:01:41.0	+66:48:10	300	90	3.0	#12 Symbiotic	2	
0158.BFCyg	1	12:23	19:23:53.0	+29:40:27	300	90	3.0	#12 Symbiotic	2	
0159.BFCyg	10	12:23	19:23:53.0	+29:40:27	300	90	3.0	#12 Symbiotic	2	
0160.BFCyg	60	12:24	19:23:53.0	+29:40:27	300	90	3.0	#12 Symbiotic	2	
0161.COMP	12	12:25	19:23:53.0	+29:40:27	300	90	3.0	#12 Symbiotic	2	
0162-0172.BIAS	0	12:29	19:23:53.0	+29:40:27	300	90	3.0	#2 SN Observat	2	
0173-0187.FLAT	25	12:45	19:23:53.0	+29:40:27	300	90	3.0	#2 SN Observat	2	
0188-0197.DARK	900	15:06	19:23:53.0	+29:40:27	300	90	3.0	#2 SN Observat	2	

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<i>File</i>	<i>Exp Time</i>	<i>UT Start</i>	<i>RA</i>	<i>Dec</i>	<i>Gr.</i>	<i>P.A.</i>	<i>Slit</i>	<i>Program</i>	<i>Bin</i>	<i>Comments</i>
0001-0010.BIAS	0	02:37	08:43:54.0	+31:32:17	300	90	3.0	#2 SN Observat	4	
0011-0020.FLAT	12	02:41	08:43:54.0	+31:32:17	300	90	3.0	#2 SN Observat	4	
0021-0030.BIAS	0	02:44	08:43:54.0	+31:32:17	300	90	3.0	#2 SN Observat	2	
0031-0050.FLAT	25	03:15	08:43:54.0	+31:32:17	300	90	3.0	#2 SN Observat	2	
0051.Feige34	120	03:32	10:39:36.9	+43:06:11	300	55	3.0	#56 Spectropho	2	
0052.COMP	12	03:34	10:39:36.9	+43:06:11	300	55	3.0	#56 Spectropho	2	
0053.sn2008bt	1500	03:41	10:50:16.9	-12:06:32	300	-18	3.0	#2 SN Observat	2	
0054.COMP	12	04:06	10:50:16.9	-12:06:32	300	-18	3.0	#2 SN Observat	2	
0055.cirsz001	1200	04:13	10:12:40.8	+40:34:37	300	90	3.0	#172f SDSS Clu	2	
0056.COMP	12	04:33	10:12:40.8	+40:34:37	300	90	3.0	#172f SDSS Clu	2	
0057.cirsz006	720	04:38	10:21:55.9	+41:42:04	300	90	3.0	#172f SDSS Clu	2	
0058.COMP	12	04:51	10:21:55.9	+41:42:04	300	90	3.0	#172f SDSS Clu	2	
0059.cirsz007	540	04:52	10:22:11.1	+41:22:34	300	90	3.0	#172f SDSS Clu	2	
0060.COMP	12	05:02	10:22:11.1	+41:22:34	300	90	3.0	#172f SDSS Clu	2	
0061.cirsz008	720	05:05	10:25:52.0	+40:37:36	300	90	3.0	#172f SDSS Clu	2	
0062.COMP	12	05:17	10:25:52.0	+40:37:36	300	90	3.0	#172f SDSS Clu	2	
0063.sn2008bf	1200	05:23	12:04:02.9	+20:14:43	300	-31	3.0	#2 SN Observat	2	
0064.COMP	12	05:48	12:04:02.9	+20:14:43	300	-31	3.0	#2 SN Observat	2	
0065.sn2008bn	1800	05:51	12:16:25.5	+47:01:41	300	12	3.0	#2 SN Observat	2	
0066.COMP	12	06:22	12:16:25.5	+47:01:41	300	12	3.0	#2 SN Observat	2	

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0067.cirsz009	1200	06:30	11:04:04.2	+41:36:58	300	90	3.0	#172f SDSS Clu	2	
0068.COMP	12	06:50	11:04:04.2	+41:36:58	300	90	3.0	#172f SDSS Clu	2	
0069.cirsz010	420	06:52	11:09:15.3	+41:33:41	300	90	3.0	#172f SDSS Clu	2	
0070.COMP	12	06:59	11:09:15.3	+41:33:41	300	90	3.0	#172f SDSS Clu	2	
0071.cirsz012	300	07:03	12:17:37.1	+03:49:38	300	90	3.0	#172f SDSS Clu	2	need more counts
0072.COMP	12	07:08	12:17:37.1	+03:49:38	300	90	3.0	#172f SDSS Clu	2	
0073.cirsz012	1020	07:11	12:17:37.1	+03:49:38	300	90	3.0	#172f SDSS Clu	2	row=86
0074.COMP	12	07:29	12:17:37.1	+03:49:38	300	90	3.0	#172f SDSS Clu	2	
0075.cirsz013	720	07:31	12:17:41.6	+03:39:23	300	90	3.0	#172f SDSS Clu	2	
0076.COMP	12	07:43	12:17:41.6	+03:39:23	300	90	3.0	#172f SDSS Clu	2	
0077.cirsz014	1080	07:46	12:18:26.2	+04:29:45	300	90	3.0	#172f SDSS Clu	2	
0078.COMP	12	08:04	12:18:26.2	+04:29:45	300	90	3.0	#172f SDSS Clu	2	
0079.cirsz069	600	08:07	14:09:58.1	+43:36:54	300	90	3.0	#172f SDSS Clu	2	
0080.COMP	12	08:17	14:09:58.1	+43:36:54	300	90	3.0	#172f SDSS Clu	2	
0081.cirsz070	480	08:18	14:17:09.4	+42:31:41	300	90	3.0	#172f SDSS Clu	2	
0082.COMP	12	08:27	14:17:09.4	+42:31:41	300	90	3.0	#172f SDSS Clu	2	
0083.cirsz071	360	08:28	15:37:47.8	+30:33:23	300	90	3.0	#172f SDSS Clu	2	
0084.COMP	12	08:35	15:37:47.8	+30:33:23	300	90	3.0	#172f SDSS Clu	2	
0085.cirsz072	600	08:37	15:38:30.7	+30:02:18	300	90	3.0	#172f SDSS Clu	2	
0086.COMP	12	08:47	15:38:30.7	+30:02:18	300	90	3.0	#172f SDSS Clu	2	

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0087.cirsz073	300	08:50	15:39:28.0	+30:44:25	300	90	3.0	#172f SDSS Clu	2	
0088.COMP	12	08:55	15:39:28.0	+30:44:25	300	90	3.0	#172f SDSS Clu	2	
0089.cirsz074	240	08:57	15:41:50.2	+29:54:59	300	90	3.0	#172f SDSS Clu	2	
0090.COMP	12	09:01	15:41:50.2	+29:54:59	300	90	3.0	#172f SDSS Clu	2	
0091.cirsz075	240	09:02	15:41:56.5	+29:59:42	300	90	3.0	#172f SDSS Clu	2	
0092.COMP	12	09:06	15:41:56.5	+29:59:42	300	90	3.0	#172f SDSS Clu	2	
0093.cirsz076	720	09:08	15:42:09.6	+29:53:13	300	90	3.0	#172f SDSS Clu	2	
0094.COMP	12	09:20	15:42:09.6	+29:53:13	300	90	3.0	#172f SDSS Clu	2	
0095.cirsz077	540	09:22	16:20:30.9	+29:53:34	300	90	3.0	#172f SDSS Clu	2	need more counts
0096.COMP	12	09:32	16:20:30.9	+29:53:34	300	90	3.0	#172f SDSS Clu	2	
0097.cirsz077	900	09:33	16:20:30.9	+29:53:34	300	90	3.0	#172f SDSS Clu	2	
0098.COMP	12	09:49	16:20:30.9	+29:53:34	300	90	3.0	#172f SDSS Clu	2	
0099.18285677+2950346	300	09:54	18:28:56.8	+29:50:35	300	90	3.0	#141 Mapping t	2	
0100.COMP	12	10:00	18:28:56.8	+29:50:35	300	90	3.0	#141 Mapping t	2	
0101.18295008+5147208	180	10:01	18:29:50.1	+51:47:21	300	90	3.0	#141 Mapping t	2	
0102.COMP	12	10:05	18:29:50.1	+51:47:21	300	90	3.0	#141 Mapping t	2	
0103.18314224+5335133	120	10:08	18:31:42.2	+53:35:13	300	90	3.0	#141 Mapping t	2	
0104.COMP	12	10:11	18:31:42.2	+53:35:13	300	90	3.0	#141 Mapping t	2	
0105.18315824+4816533	120	10:12	18:31:58.2	+48:16:53	300	90	3.0	#141 Mapping t	2	
0106.COMP	12	10:15	18:31:58.2	+48:16:53	300	90	3.0	#141 Mapping t	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0107.18320082+5006303	180	10:16	18:32:00.8	+50:06:30	300	90	3.0	#141 Mapping t	2	
0108.COMP	12	10:20	18:32:00.8	+50:06:30	300	90	3.0	#141 Mapping t	2	
0109.18330735+4258397	300	10:21	18:33:07.3	+42:58:40	300	90	3.0	#141 Mapping t	2	
0110.COMP	12	10:33	18:33:07.3	+42:58:40	300	90	3.0	#141 Mapping t	2	
0111.18342810+5027355	120	10:35	18:34:28.1	+50:27:35	300	90	3.0	#141 Mapping t	2	row=88
0112.COMP	12	10:38	18:34:28.1	+50:27:35	300	90	3.0	#141 Mapping t	2	
0113.18354928+5018563	90	10:40	18:35:49.3	+50:18:56	300	90	3.0	#141 Mapping t	2	
0114.COMP	12	10:42	18:35:49.3	+50:18:56	300	90	3.0	#141 Mapping t	2	
0115.18363614+5012155	120	10:43	18:36:36.1	+50:12:16	300	90	3.0	#141 Mapping t	2	
0116.COMP	12	10:46	18:36:36.1	+50:12:16	300	90	3.0	#141 Mapping t	2	
0117.18404815+4002006	150	10:47	18:40:48.2	+40:02:01	300	90	3.0	#141 Mapping t	2	row=85
0118.COMP	12	10:50	18:40:48.2	+40:02:01	300	90	3.0	#141 Mapping t	2	
0119.18493014+7319343	180	10:53	18:49:30.1	+73:19:34	300	90	3.0	#141 Mapping t	2	
0120.COMP	12	10:57	18:49:30.1	+73:19:34	300	90	3.0	#141 Mapping t	2	
0121.18505318+4004467	480	10:58	18:50:53.2	+40:04:47	300	90	3.0	#141 Mapping t	2	
0122.COMP	12	11:07	18:50:53.2	+40:04:47	300	90	3.0	#141 Mapping t	2	
0123.18510383+3338036	1800	11:09	18:51:03.8	+33:38:04	300	90	3.0	#141 Mapping t	2	
0124.COMP	12	11:39	18:51:03.8	+33:38:04	300	90	3.0	#141 Mapping t	2	
0125.BDp332642	120	11:42	15:52:00.0	+32:56:54	300	85	3.0	#56 Spectropho	2	
0126.COMP	12	11:45	15:52:00.0	+32:56:54	300	85	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>
0127.BDp332642	70	11:46	15:52:00.0	+32:56:54	300	85	3.0	#56 Spectropho	2	
0128.COMP	12	11:48	15:52:00.0	+32:56:54	300	85	3.0	#56 Spectropho	2	
0129.18511072+3956385	360	11:50	18:51:10.7	+39:56:38	300	90	3.0	#141 Mapping t	2	
0130.COMP	12	11:56	18:51:10.7	+39:56:38	300	90	3.0	#141 Mapping t	2	
0131.BFCyg	10	11:59	19:23:53.0	+29:40:27	300	90	3.0	#12 Symbiotic	2	
0132.BFCyg	60	11:59	19:23:53.0	+29:40:27	300	90	3.0	#12 Symbiotic	2	
0133.COMP	12	12:01	19:23:53.0	+29:40:27	300	90	3.0	#12 Symbiotic	2	
0134.V2468Cyg	10	12:02	19:58:33.6	+29:52:12	300	90	3.0	#12 Symbiotic	2	
0135.V2468Cyg	5	12:03	19:58:33.6	+29:52:12	300	90	3.0	#12 Symbiotic	2	
0136.V2468Cyg	1	12:03	19:58:33.6	+29:52:12	300	90	3.0	#12 Symbiotic	2	
0137.V2468Cyg	60	12:04	19:58:33.6	+29:52:12	300	90	3.0	#12 Symbiotic	2	
0138.COMP	12	12:05	19:58:33.6	+29:52:12	300	90	3.0	#12 Symbiotic	2	
0139.V2491Cyg	1	12:06	19:43:02.0	+32:19:14	300	90	3.0	#12 Symbiotic	2	
0140.V2491Cyg	30	12:07	19:43:02.0	+32:19:14	300	90	3.0	#12 Symbiotic	2	
0141.COMP	12	12:08	19:43:02.0	+32:19:14	300	90	3.0	#12 Symbiotic	2	
0142-0151.BIAS	0	12:14	16:01:41.0	+66:48:10	300	90	3.0	#56 Spectropho	4	
0152-0161.FLAT	12	12:19	16:01:41.0	+66:48:10	300	90	3.0	#56 Spectropho	4	
0162-0171.BIAS	0	12:25	16:01:41.0	+66:48:10	300	90	3.0	#56 Spectropho	2	
0172-0191.FLAT	25	12:40	16:01:41.0	+66:48:10	300	90	3.0	#56 Spectropho	2	
0192-0201.DARK	900	14:59	16:01:41.0	+66:48:10	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>
0001-0010.DARK	900	01:38	16:01:41.0	+66:48:10	300	90	3.0	#56 Spectropho	4	
0011-0020.BIAS	0	02:01	16:01:41.0	+66:48:10	300	90	3.0	#56 Spectropho	4	
0021-0030.FLAT	12	02:13	16:01:41.0	+66:48:10	300	90	3.0	#56 Spectropho	4	
0031-0040.BIAS	0	02:27	16:01:41.0	+66:48:10	300	90	3.0	#56 Spectropho	2	
0041-0060.FLAT	25	02:45	16:01:41.0	+66:48:10	300	90	3.0	#56 Spectropho	2	
0061.BGGem	600	02:53	06:03:31.0	+27:41:50	300	90	3.0	#12 Symbiotic	2	
0062.COMP	12	03:04	06:03:31.0	+27:41:50	300	90	3.0	#12 Symbiotic	2	
0063.BGGem	240	03:04	06:03:31.0	+27:41:50	300	90	3.0	#12 Symbiotic	2	
0064.COMP	12	03:09	06:03:31.0	+27:41:50	300	90	3.0	#12 Symbiotic	2	
0065.SS129	20	03:11	07:32:45.0	-26:49:16	300	90	3.0	#12 Symbiotic	2	
0066.SS129	45	03:12	07:32:45.0	-26:49:16	300	90	3.0	#12 Symbiotic	2	
0067.SS129	180	03:13	07:32:45.0	-26:49:16	300	90	3.0	#12 Symbiotic	2	
0068.COMP	12	03:17	07:32:45.0	-26:49:16	300	90	3.0	#12 Symbiotic	2	
0069.BXMon	15	03:20	07:25:23.0	-03:35:51	300	90	3.0	#12 Symbiotic	2	
0070.BXMon	180	03:20	07:25:23.0	-03:35:51	300	90	3.0	#12 Symbiotic	2	
0071.COMP	12	03:24	07:25:23.0	-03:35:51	300	90	3.0	#12 Symbiotic	2	
0072.HD84937	12	03:26	09:48:54.9	+13:45:14	300	-6	3.0	#56 Spectropho	2	
0073.HD84937	12	03:27	09:48:54.9	+13:45:14	300	-6	3.0	#56 Spectropho	2	
0074.HD84937	12	03:27	09:48:54.9	+13:45:14	300	-6	3.0	#56 Spectropho	2	
0075.COMP	12	03:28	09:48:54.9	+13:45:14	300	-6	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>
0076.sn2008Z	1800	03:34	09:43:15.2	+36:17:04	300	-7	3.0	#2 SN Observat	2	
0077.COMP	12	04:04	09:43:15.2	+36:17:04	300	-7	3.0	#2 SN Observat	2	
0078.Feige34	120	04:07	10:39:36.9	+43:06:11	300	20	3.0	#56 Spectropho	2	
0079.COMP	12	04:10	10:39:36.9	+43:06:11	300	20	3.0	#56 Spectropho	2	
0080.sn2008bt	1800	04:14	10:50:16.9	-12:06:32	300	-7	3.0	#2 SN Observat	2	
0081.COMP	12	04:45	10:50:16.9	-12:06:32	300	-7	3.0	#2 SN Observat	2	
0082.sn2008ax	1500	04:49	12:30:40.8	+41:38:15	300	67	3.0	#2 SN Observat	2	
0083.COMP	12	05:15	12:30:40.8	+41:38:15	300	67	3.0	#2 SN Observat	2	
0084.TXCVn	10	05:17	12:44:42.0	+36:45:48	300	90	3.0	#12 Symbiotic	2	
0085.TXCVn	30	05:17	12:44:42.0	+36:45:48	300	90	3.0	#12 Symbiotic	2	
0086.COMP	12	05:20	12:44:42.0	+36:45:48	300	90	3.0	#12 Symbiotic	2	
0087.4dlxfast067	600	05:23	08:20:35.7	+55:47:35	300	90	3.0	#172 SDSS Clus	2	
0088.COMP	12	05:33	08:20:35.7	+55:47:35	300	90	3.0	#172 SDSS Clus	2	
0089.4dlxfast068	660	05:38	08:21:35.6	+58:50:28	300	90	3.0	#172 SDSS Clus	2	
0090.COMP	12	05:50	08:21:35.6	+58:50:28	300	90	3.0	#172 SDSS Clus	2	
0091.bcand643	1020	05:59	13:19:16.2	-01:14:05	600	90	1.0	#182 Runaway B	4	
0092.COMP	10	06:16	13:19:16.2	-01:14:05	600	90	1.0	#182 Runaway B	4	
0093.bcand770	1020	06:19	14:47:29.4	+03:15:06	600	90	1.0	#182 Runaway B	4	
0094.COMP	10	06:36	14:47:29.4	+03:15:06	600	90	1.0	#182 Runaway B	4	
0095.pg1610p239	480	06:39	16:13:01.1	+23:48:33	600	90	1.0	#182 Runaway B	4	

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<i>File</i>	<i>Exp Time</i>	<i>UT Start</i>	<i>RA</i>	<i>Dec</i>	<i>Gr.</i>	<i>P.A.</i>	<i>Slit</i>	<i>Program</i>	<i>Bin</i>	<i>Comments</i>
0096.COMP	10	06:48	16:13:01.1	+23:48:33	600	90	1.0	#182 Runaway B	4	
0097.bcand643	1020	06:50	13:19:16.2	-01:14:05	600	90	1.0	#182 Runaway B	4	
0098.COMP	10	07:08	13:19:16.2	-01:14:05	600	90	1.0	#182 Runaway B	4	
0099.bcand770	1020	07:10	14:47:29.4	+03:15:06	600	90	1.0	#182 Runaway B	4	
0100.COMP	10	07:28	14:47:29.4	+03:15:06	600	90	1.0	#182 Runaway B	4	
0101.pg1610p239	480	07:30	16:13:01.1	+23:48:33	600	90	1.0	#182 Runaway B	4	
0102.COMP	10	07:38	16:13:01.1	+23:48:33	600	90	1.0	#182 Runaway B	4	
0103.bcand643	1020	07:40	13:19:16.2	-01:14:05	600	90	1.0	#182 Runaway B	4	
0104.COMP	10	07:58	13:19:16.2	-01:14:05	600	90	1.0	#182 Runaway B	4	
0105.bcand770	1020	07:59	14:47:29.4	+03:15:06	600	90	1.0	#182 Runaway B	4	
0106.COMP	10	08:17	14:47:29.4	+03:15:06	600	90	1.0	#182 Runaway B	4	
0107.pg1610p239	480	08:18	16:13:01.1	+23:48:33	600	90	1.0	#182 Runaway B	4	
0108.COMP	10	08:26	16:13:01.1	+23:48:33	600	90	1.0	#182 Runaway B	4	
0109.bcand643	1020	08:29	13:19:16.2	-01:14:05	600	90	1.0	#182 Runaway B	4	
0110.COMP	10	08:46	13:19:16.2	-01:14:05	600	90	1.0	#182 Runaway B	4	
0111.bcand770	1020	08:48	14:47:29.4	+03:15:06	600	90	1.0	#182 Runaway B	4	
0112.COMP	10	09:06	14:47:29.4	+03:15:06	600	90	1.0	#182 Runaway B	4	
0113.pg1610p239	480	09:08	16:13:01.1	+23:48:33	600	90	1.0	#182 Runaway B	4	
0114.COMP	10	09:17	16:13:01.1	+23:48:33	600	90	1.0	#182 Runaway B	4	
0115.bcand643	1020	09:19	13:19:16.2	-01:14:05	600	90	1.0	#182 Runaway B	4	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0116.COMP	10	09:37	13:19:16.2	-01:14:05	600	90	1.0	#182 Runaway B	4	
0117.bcand770	1020	09:39	14:47:29.4	+03:15:06	600	90	1.0	#182 Runaway B	4	
0118.COMP	10	09:56	14:47:29.4	+03:15:06	600	90	1.0	#182 Runaway B	4	
0119.pg1610p239	480	09:57	16:13:01.1	+23:48:33	600	90	1.0	#182 Runaway B	4	
0120.COMP	10	10:06	16:13:01.1	+23:48:33	600	90	1.0	#182 Runaway B	4	
0121.bcand643	1020	10:08	13:19:16.2	-01:14:05	600	90	1.0	#182 Runaway B	4	
0122.COMP	10	10:25	13:19:16.2	-01:14:05	600	90	1.0	#182 Runaway B	4	
0123.bcand770	1020	10:27	14:47:29.4	+03:15:06	600	90	1.0	#182 Runaway B	4	
0124.COMP	10	10:44	14:47:29.4	+03:15:06	600	90	1.0	#182 Runaway B	4	
0125.pg1610p239	480	10:46	16:13:01.1	+23:48:33	600	90	1.0	#182 Runaway B	4	
0126.COMP	10	10:54	16:13:01.1	+23:48:33	600	90	1.0	#182 Runaway B	4	
0127.BDp332642	150	10:56	15:52:00.0	+32:56:54	600	90	1.0	#56 Spectropho	4	
0128.COMP	10	10:58	15:52:00.0	+32:56:54	600	90	1.0	#56 Spectropho	4	
0129-0138.FLAT	50	11:12	15:52:00.0	+32:56:54	600	90	1.0	#56 Spectropho	4	
0139.V2468Cyg	1	11:22	19:58:33.6	+29:52:12	300	90	3.0	#12 Symbiotic	2	
0140.V2468Cyg	5	11:23	19:58:33.6	+29:52:12	300	90	3.0	#12 Symbiotic	2	
0141.V2468Cyg	20	11:23	19:58:33.6	+29:52:12	300	90	3.0	#12 Symbiotic	2	
0142.COMP	12	11:25	19:58:33.6	+29:52:12	300	90	3.0	#12 Symbiotic	2	
0143.V2491Cyg	1	11:26	19:43:02.0	+32:19:14	300	90	3.0	#12 Symbiotic	2	
0144.V2491Cyg	5	11:27	19:43:02.0	+32:19:14	300	90	3.0	#12 Symbiotic	2	

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<i>File</i>	<i>Exp Time</i>	<i>UT Start</i>	<i>RA</i>	<i>Dec</i>	<i>Gr.</i>	<i>P.A.</i>	<i>Slit</i>	<i>Program</i>	<i>Bin</i>	<i>Comments</i>
0145.V2491Cyg	20	11:27	19:43:02.0	+32:19:14	300	90	3.0	#12 Symbiotic	2	
0146.COMP	12	11:28	19:43:02.0	+32:19:14	300	90	3.0	#12 Symbiotic	2	
0147.TCrB	15	11:30	15:59:30.0	+25:55:12	300	90	3.0	#12 Symbiotic	2	
0148.TCrB	60	11:31	15:59:30.0	+25:55:12	300	90	3.0	#12 Symbiotic	2	
0149.COMP	12	11:32	15:59:30.0	+25:55:12	300	90	3.0	#12 Symbiotic	2	
0150.AGDra	2	11:34	16:01:41.0	+66:48:10	300	90	3.0	#12 Symbiotic	2	
0151.AGDra	15	11:35	16:01:41.0	+66:48:10	300	90	3.0	#12 Symbiotic	2	
0152.AGDra	45	11:35	16:01:41.0	+66:48:10	300	90	3.0	#12 Symbiotic	2	
0153.COMP	12	11:36	16:01:41.0	+66:48:10	300	90	3.0	#12 Symbiotic	2	
0154.DracoC1	1200	11:38	17:19:58.0	+57:50:06	300	90	3.0	#12 Symbiotic	2	
0155.COMP	12	11:59	17:19:58.0	+57:50:06	300	90	3.0	#12 Symbiotic	2	
0156.BFCyg	1	12:01	19:23:53.0	+29:40:27	300	90	3.0	#12 Symbiotic	2	
0157.BFCyg	10	12:01	19:23:53.0	+29:40:27	300	90	3.0	#12 Symbiotic	2	
0158.BFCyg	60	12:02	19:23:53.0	+29:40:27	300	90	3.0	#12 Symbiotic	2	
0159.COMP	12	12:03	19:23:53.0	+29:40:27	300	90	3.0	#12 Symbiotic	2	
0160.V443Her	5	12:05	18:22:07.0	+23:27:20	300	90	3.0	#12 Symbiotic	2	
0161.V443Her	45	12:06	18:22:07.0	+23:27:20	300	90	3.0	#12 Symbiotic	2	
0162.V443Her	90	12:07	18:22:07.0	+23:27:20	300	90	3.0	#12 Symbiotic	2	
0163.COMP	12	12:09	18:22:07.0	+23:27:20	300	90	3.0	#12 Symbiotic	2	
0164-0173.BIAS	0	12:12	18:22:07.0	+23:27:20	300	90	3.0	#12 Symbiotic	4	

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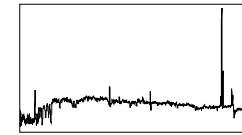
<i>File</i>	<i>Exp Time</i>	<i>UT Start</i>	<i>RA</i>	<i>Dec</i>	<i>Gr.</i>	<i>P.A.</i>	<i>Slit</i>	<i>Program</i>	<i>Bin</i>	<i>Comments</i>
0174-0183.FLAT	12	12:16	18:22:07.0	+23:27:20	300	90	3.0	#12 Symbiotic	4	
0184-0193.BIAS	0	12:20	18:22:07.0	+23:27:20	300	90	3.0	#12 Symbiotic	2	
0194-0213.FLAT	25	12:32	18:22:07.0	+23:27:20	300	90	3.0	#12 Symbiotic	2	
0214-0223.DARK	900	14:52	18:22:07.0	+23:27:20	300	90	3.0	#12 Symbiotic	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001.BIAS	0	01:52	08:54:21.9	+31:32:22	300	90	3.0	#12 Symbiotic	2	start of FAST run
0002-0010.BIAS	0	01:54	08:54:21.9	+31:32:22	300	90	3.0	#12 Symbiotic	2	
0011-0025.FLAT	25	02:03	08:54:21.9	+31:32:22	300	90	3.0	#12 Symbiotic	2	
0026-0030.sky	3	02:13	09:15:00.0	+32:00:00	300	90	3.0	#57 Velocity S	2	
0031.COMP	10	02:14	09:15:00.0	+32:00:00	300	90	3.0	#57 Velocity S	2	
0032.HD52071	6	02:36	07:00:58.2	+27:09:27	300	90	3.0	#57 Velocity S	2	clouds
0033.HD52071	6	02:37	07:00:58.2	+27:09:27	300	90	3.0	#57 Velocity S	2	
0034.HD52071	6	02:37	07:00:58.2	+27:09:27	300	90	3.0	#57 Velocity S	2	
0035.COMP	10	02:38	07:00:58.2	+27:09:27	300	90	3.0	#57 Velocity S	2	
0036.N3227	180	03:50	10:23:30.6	+19:51:54	300	90	3.0	#6 AGN Monitor	2	
0037.N3227	180	03:53	10:23:30.6	+19:51:54	300	90	3.0	#6 AGN Monitor	2	
0038.COMP	10	03:57	10:23:30.6	+19:51:54	300	90	3.0	#6 AGN Monitor	2	
0039.MRK421	300	03:59	11:04:27.4	+38:12:32	300	90	3.0	#6 AGN Monitor	2	
0040.MRK421	300	04:04	11:04:27.4	+38:12:32	300	90	3.0	#6 AGN Monitor	2	
0041.COMP	10	04:09	11:04:27.4	+38:12:32	300	90	3.0	#6 AGN Monitor	2	
0042.HD84937	20	04:12	09:48:56.1	+13:44:39	300	47	3.0	#56 Spectropho	2	
0043.HD84937	20	04:13	09:48:56.1	+13:44:39	300	47	3.0	#56 Spectropho	2	
0044.HD84937	20	04:13	09:48:56.1	+13:44:39	300	47	3.0	#56 Spectropho	2	
0045.HD84937	20	04:14	09:48:56.1	+13:44:39	300	47	3.0	#56 Spectropho	2	
0046.COMP	10	04:15	09:48:56.1	+13:44:39	300	47	3.0	#56 Spectropho	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0047.Feige34	180	04:16	10:39:36.7	+43:06:09	300	47	3.0	#56 Spectropho	2	
0048.Feige34	180	04:21	10:39:36.7	+43:06:09	300	47	3.0	#56 Spectropho	2	
0049.COMP	10	04:24	10:39:36.7	+43:06:09	300	47	3.0	#56 Spectropho	2	
0050.hecsfast040	900	04:27	10:58:13.8	+01:36:06	300	47	3.0	#172 SDSS Clus	2	
0051.COMP	10	04:43	10:58:13.8	+01:36:06	300	47	3.0	#172 SDSS Clus	2	
0052.hecsfast041	480	04:44	10:57:42.1	+01:36:25	300	0	3.0	#172 SDSS Clus	2	
0053.COMP	10	04:52	10:57:42.1	+01:36:25	300	0	3.0	#172 SDSS Clus	2	
0054.hecsfast032	1200	04:54	12:30:46.1	+10:33:17	300	0	3.0	#172 SDSS Clus	2	
0055.COMP	10	05:15	12:30:46.1	+10:33:17	300	0	3.0	#172 SDSS Clus	2	
0056.hecsfast033	900	05:16	12:31:04.5	+10:14:51	300	0	3.0	#172 SDSS Clus	2	
0057.COMP	10	05:32	12:31:04.5	+10:14:51	300	0	3.0	#172 SDSS Clus	2	
0058.sn2008bz	1800	05:34	12:38:57.7	+11:07:46	300	5	3.0	#2 SN Observat	2	
0059.COMP	10	06:04	12:38:57.7	+11:07:46	300	5	3.0	#2 SN Observat	2	
0060.cirsz029	540	06:06	12:59:50.5	-00:53:15	300	5	3.0	#172f SDSS Clu	2	
0061.COMP	10	06:16	12:59:50.5	-00:53:15	300	5	3.0	#172f SDSS Clu	2	
0062.cirsz044	540	06:17	13:25:13.9	+00:02:22	300	5	3.0	#172f SDSS Clu	2	
0063.COMP	10	06:27	13:25:13.9	+00:02:22	300	5	3.0	#172f SDSS Clu	2	
0064.cirsz047	900	06:28	13:28:14.6	-01:26:52	300	5	3.0	#172f SDSS Clu	2	
0065.COMP	10	06:43	13:28:14.6	-01:26:52	300	5	3.0	#172f SDSS Clu	2	
0066.hecsfast004	1200	06:45	13:11:30.1	-01:20:28	300	5	3.0	#172 SDSS Clus	2	ok, also comp to S in slit

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0067.COMP	10	07:06	13:11:30.1	-01:20:28	300	5	3.0	#172 SDSS Clus	2	
0068.cirsz048	900	07:09	13:40:32.7	+02:55:46	300	5	3.0	#172f SDSS Clu	2	
0069.COMP	10	07:25	13:40:32.7	+02:55:46	300	5	3.0	#172f SDSS Clu	2	
0070.cirsz052	420	07:27	13:42:15.1	+01:48:03	300	5	3.0	#172f SDSS Clu	2	
0071.COMP	10	07:34	13:42:15.1	+01:48:03	300	5	3.0	#172f SDSS Clu	2	
0072.sn2008bx	1200	07:37	14:54:39.0	+42:01:23	300	0	3.0	#2 SN Observat	2	
0073.COMP	10	07:57	14:54:39.0	+42:01:23	300	0	3.0	#2 SN Observat	2	
0074.16490730-0939119	720	08:00	16:49:07.3	-09:39:12	300	0	3.0	#141 Mapping t	2	
0075.COMP	10	08:12	16:49:07.3	-09:39:12	300	0	3.0	#141 Mapping t	2	
0076.16555819-0803016	900	08:13	16:55:58.2	-08:03:02	300	0	3.0	#141 Mapping t	2	
0077.COMP	10	08:29	16:55:58.2	-08:03:02	300	0	3.0	#141 Mapping t	2	
0078.17032761-0941229	900	08:30	17:03:27.6	-09:41:23	300	0	3.0	#141 Mapping t	2	
0079.COMP	10	08:45	17:03:27.6	-09:41:23	300	0	3.0	#141 Mapping t	2	
0080.17081640-0957158	900	08:47	17:08:16.4	-09:57:16	300	0	3.0	#141 Mapping t	2	
0081.COMP	10	09:02	17:08:16.4	-09:57:16	300	0	3.0	#141 Mapping t	2	
0082.17050279-0435457	420	09:03	17:05:02.8	-04:35:46	300	0	3.0	#141 Mapping t	2	
0083.COMP	10	09:11	17:05:02.8	-04:35:46	300	0	3.0	#141 Mapping t	2	
0084.17071237-0427106	900	09:12	17:07:12.4	-04:27:11	300	0	3.0	#141 Mapping t	2	
0085.COMP	10	09:28	17:07:12.4	-04:27:11	300	0	3.0	#141 Mapping t	2	
0086.16444724-1302282	450	09:29	16:44:47.2	-13:02:28	300	0	3.0	#141 Mapping t	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0087.COMP	10	09:37	16:44:47.2	-13:02:28	300	0	3.0	#141 Mapping t	2	
0088.16554602-1625335	720	09:38	16:55:46.0	-16:25:33	300	0	3.0	#141 Mapping t	2	
0089.COMP	10	09:50	16:55:46.0	-16:25:33	300	0	3.0	#141 Mapping t	2	
0090.17114534-2308447	420	09:52	17:11:45.3	-23:08:45	300	0	3.0	#141 Mapping t	2	blend
0091.COMP	10	10:00	17:11:45.3	-23:08:45	300	0	3.0	#141 Mapping t	2	
0092.17123580-2319208	600	10:01	17:12:35.8	-23:19:21	300	0	3.0	#141 Mapping t	2	
0093.COMP	10	10:12	17:12:35.8	-23:19:21	300	0	3.0	#141 Mapping t	2	
0094.17124256-2324167	480	10:13	17:12:42.6	-23:24:17	300	0	3.0	#141 Mapping t	2	
0095.COMP	10	10:21	17:12:42.6	-23:24:17	300	0	3.0	#141 Mapping t	2	
0096.17124957-2307207	390	10:22	17:12:49.6	-23:07:21	300	0	3.0	#141 Mapping t	2	
0097.COMP	10	10:29	17:12:49.6	-23:07:21	300	0	3.0	#141 Mapping t	2	
0098.17125738-2358196	660	10:30	17:12:57.4	-23:58:20	300	0	3.0	#141 Mapping t	2	
0099.COMP	10	10:42	17:12:57.4	-23:58:20	300	0	3.0	#141 Mapping t	2	
0100.17132420-2339146	480	10:43	17:13:24.2	-23:39:15	300	0	3.0	#141 Mapping t	2	
0101.COMP	10	10:51	17:13:24.2	-23:39:15	300	0	3.0	#141 Mapping t	2	
0102.AS270	60	10:52	18:05:33.0	-20:20:37	300	0	3.0	#12 Symbiotic	2	
0103.AS270	20	10:55	18:05:33.0	-20:20:37	300	0	3.0	#12 Symbiotic	2	
0104.AS270	300	10:55	18:05:33.0	-20:20:37	300	0	3.0	#12 Symbiotic	2	
0105.COMP	10	11:01	18:05:33.0	-20:20:37	300	0	3.0	#12 Symbiotic	2	
0106.sn2008bo	1522	11:04	18:19:54.3	+74:34:21	300	0	3.0	#2 SN Observat	2	

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<i>File</i>	<i>Exp Time</i>	<i>UT Start</i>	<i>RA</i>	<i>Dec</i>	<i>Gr.</i>	<i>P.A.</i>	<i>Slit</i>	<i>Program</i>	<i>Bin</i>	<i>Comments</i>
0107.COMP	10	11:30	18:19:54.3	+74:34:21	300	0	3.0	#2 SN Observat	2	engineering
0108-0117.BIAS	0	11:39	19:27:36.0	+37:56:28	300	90	3.0	#12 Symbiotic	2	
0118-0132.FLAT	25	11:49	19:27:36.0	+37:56:28	300	90	3.0	#12 Symbiotic	2	
0133-0137.DARK	900	13:00	19:27:36.0	+37:56:28	300	90	3.0	#12 Symbiotic	2	

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<i>File</i>	<i>Exp Time</i>	<i>UT Start</i>	<i>RA</i>	<i>Dec</i>	<i>Gr.</i>	<i>P.A.</i>	<i>Slit</i>	<i>Program</i>	<i>Bin</i>	<i>Comments</i>
0001-0005.DARK	900	01:01	09:15:00.0	+32:00:00	300	90	3.0	#57 Velocity S	2	
0006-0020.BIAS	0	01:22	09:15:00.0	+32:00:00	300	90	3.0	#57 Velocity S	2	
0021-0035.FLAT	25	01:31	09:15:00.0	+32:00:00	300	90	3.0	#57 Velocity S	2	
0036-0040.sky	3	02:15	09:15:00.0	+32:00:00	300	90	3.0	#57 Velocity S	2	
0041.COMP	10	02:16	09:15:00.0	+32:00:00	300	90	3.0	#57 Velocity S	2	
0042.HD52071	6	02:44	07:00:58.2	+27:09:27	300	90	3.0	#57 Velocity S	2	
0043.HD52071	6	02:45	07:00:58.2	+27:09:27	300	90	3.0	#57 Velocity S	2	
0044.HD52071	6	02:45	07:00:58.2	+27:09:27	300	90	3.0	#57 Velocity S	2	
0045.COMP	10	02:46	07:00:58.2	+27:09:27	300	90	3.0	#57 Velocity S	2	
0046.HD84937	20	02:47	09:48:56.1	+13:44:39	300	90	3.0	#56 Spectropho	2	
0047.HD84937	20	02:48	09:48:56.1	+13:44:39	300	90	3.0	#56 Spectropho	2	
0048.HD84937	20	02:49	09:48:56.1	+13:44:39	300	90	3.0	#56 Spectropho	2	
0049.COMP	10	02:49	09:48:56.1	+13:44:39	300	90	3.0	#56 Spectropho	2	
0050.N3379	180	02:52	10:47:49.6	+12:34:54	300	90	3.0	#57 Velocity S	2	
0051.COMP	10	02:55	10:47:49.6	+12:34:54	300	90	3.0	#57 Velocity S	2	
0052.Feige34	180	02:58	10:39:36.7	+43:06:09	300	90	3.0	#56 Spectropho	2	
0053.Feige34	180	03:01	10:39:36.7	+43:06:09	300	90	3.0	#56 Spectropho	2	
0054.COMP	10	03:04	10:39:36.7	+43:06:09	300	90	3.0	#56 Spectropho	2	
0055.SDSS0909+0002	1200	03:08	09:09:24.0	+00:02:11	300	28	3.0	#165 Quasar Br	2	
0056.COMP	10	03:28	09:09:24.0	+00:02:11	300	28	3.0	#165 Quasar Br	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>
0057.SDSS0909+0002	1200	03:29	09:09:24.0	+00:02:11	300	34	3.0	#165 Quasar Br	2	
0058.COMP	10	03:50	09:09:24.0	+00:02:11	300	34	3.0	#165 Quasar Br	2	
0059.SDSS0909+0002	1200	03:51	09:09:24.0	+00:02:11	300	40	3.0	#165 Quasar Br	2	
0060.COMP	10	04:12	09:09:24.0	+00:02:11	300	40	3.0	#165 Quasar Br	2	
0061.SDSS0839+5020	1200	04:17	08:39:14.1	+50:20:38	300	101	3.0	#165 Quasar Br	2	
0062.COMP	10	04:38	08:39:14.1	+50:20:38	300	101	3.0	#165 Quasar Br	2	
0063.SDSS0839+5020	1200	04:39	08:39:14.1	+50:20:38	300	101	3.0	#165 Quasar Br	2	
0064.COMP	10	04:59	08:39:14.1	+50:20:38	300	101	3.0	#165 Quasar Br	2	
0065.SDSS0839+5020	1200	05:01	08:39:14.1	+50:20:38	300	93	3.0	#165 Quasar Br	2	
0066.COMP	10	05:21	08:39:14.1	+50:20:38	300	93	3.0	#165 Quasar Br	2	
0067.sn2008bj	1800	05:23	11:51:47.8	+46:52:30	300	93	3.0	#2 SN Observat	2	
0068.COMP	10	05:54	11:51:47.8	+46:52:30	300	93	3.0	#2 SN Observat	2	
0069.sn2008by	1800	05:58	12:05:21.0	+40:56:46	300	93	3.0	#2 SN Observat	2	
0070.COMP	10	06:29	12:05:21.0	+40:56:46	300	93	3.0	#2 SN Observat	2	
0071.sn2008cd	1200	06:34	13:15:01.8	-15:57:07	300	11	3.0	#2 SN Observat	2	
0072.COMP	10	06:55	13:15:01.8	-15:57:07	300	11	3.0	#2 SN Observat	2	
0073.sn2008cd	300	06:56	13:15:01.8	-15:57:07	300	11	3.0	#2 SN Observat	2	
0074.sn2008bn	1800	07:07	12:16:25.5	+47:01:41	300	107	3.0	#2 SN Observat	2	
0075.COMP	10	07:37	12:16:25.5	+47:01:41	300	107	3.0	#2 SN Observat	2	
0076.N4051	150	07:38	12:03:09.7	+44:31:53	300	107	3.0	#6 AGN Monitor	2	

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<i>File</i>	<i>Exp Time</i>	<i>UT Start</i>	<i>RA</i>	<i>Dec</i>	<i>Gr.</i>	<i>P.A.</i>	<i>Slit</i>	<i>Program</i>	<i>Bin</i>	<i>Comments</i>
0077.N4051	150	07:41	12:03:09.7	+44:31:53	300	107	3.0	#6 AGN Monitor	2	
0078.COMP	10	07:44	12:03:09.7	+44:31:53	300	107	3.0	#6 AGN Monitor	2	
0079.N4151	30	07:45	12:10:32.6	+39:24:21	300	90	3.0	#6 AGN Monitor	2	
0080.N4151	30	07:46	12:10:32.6	+39:24:21	300	90	3.0	#6 AGN Monitor	2	
0081.COMP	10	07:47	12:10:32.6	+39:24:21	300	90	3.0	#6 AGN Monitor	2	
0082.TXCVn	30	07:48	12:44:42.0	+36:45:48	300	90	3.0	#12 Symbiotic	2	
0083.TXCVn	30	07:49	12:44:42.0	+36:45:48	300	90	3.0	#12 Symbiotic	2	
0084.COMP	10	07:50	12:44:42.0	+36:45:48	300	90	3.0	#12 Symbiotic	2	
0085.SDSSJ1332+2117	1200	07:52	13:32:08.4	+21:17:09	300	90	3.0	#181 Populatio	2	
0086.COMP	10	08:12	13:32:08.4	+21:17:09	300	90	3.0	#181 Populatio	2	
0087.SDSSJ1357+1810	1200	08:14	13:57:54.5	+18:10:58	300	90	3.0	#181 Populatio	2	
0088.COMP	10	08:34	13:57:54.5	+18:10:58	300	90	3.0	#181 Populatio	2	
0089.SDSSJ1402+2255	1500	08:36	14:02:48.8	+22:55:39	300	90	3.0	#181 Populatio	2	
0090.COMP	10	09:01	14:02:48.8	+22:55:39	300	90	3.0	#181 Populatio	2	
0091.SDSSJ1403+2725	1500	09:03	14:03:25.1	+27:25:33	300	90	3.0	#181 Populatio	2	
0092.COMP	10	09:28	14:03:25.1	+27:25:33	300	90	3.0	#181 Populatio	2	
0093.TCrB	15	09:30	15:59:30.0	+25:55:12	300	90	3.0	#12 Symbiotic	2	
0094.TCrB	60	09:31	15:59:30.0	+25:55:12	300	90	3.0	#12 Symbiotic	2	
0095.COMP	10	09:32	15:59:30.0	+25:55:12	300	90	3.0	#12 Symbiotic	2	
0096.AGDra	2	09:34	16:01:41.0	+66:48:10	300	90	3.0	#12 Symbiotic	2	

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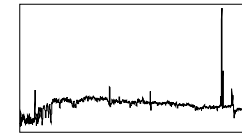
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0097.AGDra	5	09:34	16:01:41.0	+66:48:10	300	90	3.0	#12 Symbiotic	2	
0098.AGDra	20	09:35	16:01:41.0	+66:48:10	300	90	3.0	#12 Symbiotic	2	
0099.AGDra	60	09:35	16:01:41.0	+66:48:10	300	90	3.0	#12 Symbiotic	2	
0100.COMP	10	09:37	16:01:41.0	+66:48:10	300	90	3.0	#12 Symbiotic	2	
0101.HD154791	4	09:38	17:06:34.0	+23:58:17	300	90	3.0	#12 Symbiotic	2	pit stop
0102.HD154791	4	09:39	17:06:34.0	+23:58:17	300	90	3.0	#12 Symbiotic	2	
0103.COMP	10	09:39	17:06:34.0	+23:58:17	300	90	3.0	#12 Symbiotic	2	
0104.17104160-2411341	1200	09:42	17:10:41.6	-24:11:34	300	0	3.0	#141 Mapping t	2	target is at row 81, beware brighter M star at row 71
0105.COMP	10	10:03	17:10:41.6	-24:11:34	300	0	3.0	#141 Mapping t	2	
0106.17132956-2429316	1200	10:04	17:13:29.6	-24:29:32	300	0	3.0	#141 Mapping t	2	target at row 82
0107.COMP	10	10:25	17:13:29.6	-24:29:32	300	0	3.0	#141 Mapping t	2	
0108.17135847-2251566	900	10:26	17:13:58.5	-22:51:57	300	0	3.0	#141 Mapping t	2	
0109.COMP	10	10:41	17:13:58.5	-22:51:57	300	0	3.0	#141 Mapping t	2	
0110.17354019-1709095	420	10:42	17:35:40.2	-17:09:09	300	0	3.0	#141 Mapping t	2	
0111.COMP	10	10:50	17:35:40.2	-17:09:09	300	0	3.0	#141 Mapping t	2	
0112.RSOph	30	10:51	17:50:13.0	-06:42:30	300	0	3.0	#12 Symbiotic	2	
0113.RSOph	152	10:52	17:50:13.0	-06:42:30	300	0	3.0	#12 Symbiotic	2	
0114.COMP	10	10:55	17:50:13.0	-06:42:30	300	0	3.0	#12 Symbiotic	2	
0115.AS281	60	10:59	18:10:44.0	-27:57:57	300	0	3.0	#12 Symbiotic	2	
0116.AS281	360	11:00	18:10:44.0	-27:57:57	300	0	3.0	#12 Symbiotic	2	

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<i>File</i>	<i>Exp Time</i>	<i>UT Start</i>	<i>RA</i>	<i>Dec</i>	<i>Gr.</i>	<i>P.A.</i>	<i>Slit</i>	<i>Program</i>	<i>Bin</i>	<i>Comments</i>
0117.COMP	10	11:06	18:10:44.0	-27:57:57	300	0	3.0	#12 Symbiotic	2	
0118.Hen1591	120	11:07	18:07:32.0	-25:53:43	300	0	3.0	#12 Symbiotic	2	
0119.Hen1591	301	11:10	18:07:32.0	-25:53:43	300	0	3.0	#12 Symbiotic	2	
0120.COMP	10	11:15	18:07:32.0	-25:53:43	300	0	3.0	#12 Symbiotic	2	
0121.AS289	15	11:16	18:12:22.0	-11:40:08	300	0	3.0	#12 Symbiotic	2	
0122.AS289	120	11:17	18:12:22.0	-11:40:08	300	0	3.0	#12 Symbiotic	2	
0123.COMP	10	11:19	18:12:22.0	-11:40:08	300	0	3.0	#12 Symbiotic	2	
0124.AS296	5	11:20	18:15:07.0	-00:18:52	300	0	3.0	#12 Symbiotic	2	
0125.AS296	81	11:20	18:15:07.0	-00:18:52	300	0	3.0	#12 Symbiotic	2	
0126.COMP	10	11:22	18:15:07.0	-00:18:52	300	0	3.0	#12 Symbiotic	2	
0127.YYHer	10	11:24	18:14:34.0	+20:59:19	300	90	3.0	#12 Symbiotic	2	
0128.YYHer	30	11:24	18:14:34.0	+20:59:19	300	90	3.0	#12 Symbiotic	2	
0129.YYHer	120	11:25	18:14:34.0	+20:59:19	300	90	3.0	#12 Symbiotic	2	
0130.COMP	10	11:27	18:14:34.0	+20:59:19	300	90	3.0	#12 Symbiotic	2	
0131.BFCyg	10	11:29	19:23:53.0	+29:40:27	300	90	3.0	#12 Symbiotic	2	
0132.BFCyg	30	11:29	19:23:53.0	+29:40:27	300	90	3.0	#12 Symbiotic	2	
0133.BFCyg	30	11:30	19:23:53.0	+29:40:27	300	90	3.0	#12 Symbiotic	2	
0134.COMP	10	11:31	19:23:53.0	+29:40:27	300	90	3.0	#12 Symbiotic	2	
0135.V2491Cyg	30	11:32	19:43:02.0	+32:19:14	300	90	3.0	#12 Symbiotic	2	
0136.V2491Cyg	30	11:33	19:43:02.0	+32:19:14	300	90	3.0	#12 Symbiotic	2	

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0137.V2491Cyg	10	11:33	19:43:02.0	+32:19:14	300	90	3.0	#12 Symbiotic	2	
0138.COMP	10	11:34	19:43:02.0	+32:19:14	300	90	3.0	#12 Symbiotic	2	
0139.V2468Cyg	30	11:35	19:58:33.6	+29:52:12	300	90	3.0	#12 Symbiotic	2	
0140.V2468Cyg	7	11:36	19:58:33.6	+29:52:12	300	90	3.0	#12 Symbiotic	2	
0141.COMP	10	11:37	19:58:33.6	+29:52:12	300	90	3.0	#12 Symbiotic	2	
0142.CHCyg	1	11:38	19:24:33.0	+50:14:30	300	90	3.0	#12 Symbiotic	2	
0143.CHCyg	2	11:39	19:24:33.0	+50:14:30	300	90	3.0	#12 Symbiotic	2	
0144.CHCyg	10	11:39	19:24:33.0	+50:14:30	300	90	3.0	#12 Symbiotic	2	
0145.COMP	10	11:39	19:24:33.0	+50:14:30	300	90	3.0	#12 Symbiotic	2	
0146.CICyg	2	11:40	19:50:12.0	+35:41:02	300	90	3.0	#12 Symbiotic	2	
0147.CICyg	6	11:41	19:50:12.0	+35:41:02	300	90	3.0	#12 Symbiotic	2	
0148.CICyg	30	11:41	19:50:12.0	+35:41:02	300	90	3.0	#12 Symbiotic	2	
0149.COMP	10	11:42	19:50:12.0	+35:41:02	300	90	3.0	#12 Symbiotic	2	
0150.HD192281	5	11:43	20:12:33.1	+40:16:05	300	90	3.0	#56 Spectropho	2	
0151.HD192281	5	11:44	20:12:33.1	+40:16:05	300	90	3.0	#56 Spectropho	2	
0152.HD192281	5	11:44	20:12:33.1	+40:16:05	300	90	3.0	#56 Spectropho	2	
0153.HD192281	5	11:44	20:12:33.1	+40:16:05	300	90	3.0	#56 Spectropho	2	
0154.HD192281	5	11:45	20:12:33.1	+40:16:05	300	90	3.0	#56 Spectropho	2	
0155.COMP	10	11:45	20:12:33.1	+40:16:05	300	90	3.0	#56 Spectropho	2	
0156-0165.BIAS	0	11:51	20:12:33.1	+40:16:05	300	90	3.0	#57 Velocity S	2	

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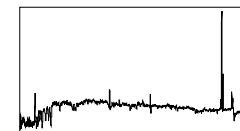
<i>File</i>	<i>Exp Time</i>	<i>UT Start</i>	<i>RA</i>	<i>Dec</i>	<i>Gr.</i>	<i>P.A.</i>	<i>Slit</i>	<i>Program</i>	<i>Bin</i>	<i>Comments</i>
0166-0180.FLAT	25	12:01	20:12:33.1	+40:16:05	300	90	3.0	#57 Velocity S	2	
0181-0185.DARK	900	13:11	20:12:33.1	+40:16:05	300	90	3.0	#57 Velocity S	2	

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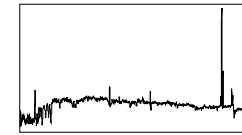
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001-0005.DARK	900	00:39	20:12:33.1	+40:16:05	300	90	3.0	#57 Velocity S	2	
0006-0020.BIAS	0	01:12	20:12:33.1	+40:16:05	300	90	3.0	#57 Velocity S	2	
0021-0035.FLAT	25	01:21	20:12:33.1	+40:16:05	300	90	3.0	#57 Velocity S	2	
0036-0040.sky	3	02:16	09:30:00.0	+32:00:00	300	90	3.0	#57 Velocity S	2	
0041.COMP	10	02:16	09:30:00.0	+32:00:00	300	90	3.0	#57 Velocity S	2	
0042.HD52071	6	02:48	07:00:58.2	+27:09:27	300	90	3.0	#57 Velocity S	2	
0043.HD52071	6	02:49	07:00:58.2	+27:09:27	300	90	3.0	#57 Velocity S	2	
0044.HD52071	6	02:49	07:00:58.2	+27:09:27	300	90	3.0	#57 Velocity S	2	
0045.COMP	10	02:50	07:00:58.2	+27:09:27	300	90	3.0	#57 Velocity S	2	
0046.BXMon	15	02:52	07:25:23.0	-03:35:51	300	90	3.0	#12 Symbiotic	2	
0047.BXMon	30	02:53	07:25:23.0	-03:35:51	300	90	3.0	#12 Symbiotic	2	
0048.BXMon	90	02:54	07:25:23.0	-03:35:51	300	90	3.0	#12 Symbiotic	2	
0049.COMP	10	02:56	07:25:23.0	-03:35:51	300	90	3.0	#12 Symbiotic	2	
0050.N3379	120	02:59	10:47:49.6	+12:34:54	300	90	3.0	#57 Velocity S	2	
0051.COMP	10	03:01	10:47:49.6	+12:34:54	300	90	3.0	#57 Velocity S	2	
0052.cirsz002	720	03:04	10:12:51.8	+00:06:04	300	90	3.0	#172f SDSS Clu	2	
0053.COMP	10	03:17	10:12:51.8	+00:06:04	300	90	3.0	#172f SDSS Clu	2	
0054.cirsz003NS	1200	03:24	10:12:56.7	-00:27:54	300	-5	3.0	#172f SDSS Clu	2	N gal at row 79, S gal at row 92
0055.COMP	10	03:44	10:12:56.7	-00:27:54	300	-5	3.0	#172f SDSS Clu	2	
0056.sn2008bt	1800	03:49	10:50:16.9	-12:06:32	300	8	3.0	#2 SN Observat	2	

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<i>File</i>	<i>Exp Time</i>	<i>UT Start</i>	<i>RA</i>	<i>Dec</i>	<i>Gr.</i>	<i>P.A.</i>	<i>Slit</i>	<i>Program</i>	<i>Bin</i>	<i>Comments</i>
0057.COMP	10	04:20	10:50:16.9	-12:06:32	300	8	3.0	#172f SDSS Clu	2	
0058.cirsz004	660	04:22	10:12:59.6	+00:03:37	300	8	3.0	#172f SDSS Clu	2	
0059.COMP	10	04:33	10:12:59.6	+00:03:37	300	8	3.0	#172f SDSS Clu	2	
0060.HD84937	20	04:35	09:48:56.1	+13:44:39	300	52	3.0	#56 Spectropho	2	
0061.HD84937	20	04:36	09:48:56.1	+13:44:39	300	52	3.0	#56 Spectropho	2	
0062.HD84937	20	04:36	09:48:56.1	+13:44:39	300	52	3.0	#56 Spectropho	2	
0063.COMP	10	04:37	09:48:56.1	+13:44:39	300	52	3.0	#56 Spectropho	2	
0064.Feige34	180	04:40	10:39:36.7	+43:06:09	300	110	3.0	#56 Spectropho	2	
0065.Feige34	180	04:43	10:39:36.7	+43:06:09	300	110	3.0	#56 Spectropho	2	
0066.COMP	10	04:46	10:39:36.7	+43:06:09	300	110	3.0	#56 Spectropho	2	
0067.cirsz001	720	04:48	10:12:40.8	+40:34:37	300	110	3.0	#172f SDSS Clu	2	
0068.COMP	10	05:00	10:12:40.8	+40:34:37	300	110	3.0	#172f SDSS Clu	2	
0069.sn2008bf	1800	05:03	12:04:02.9	+20:14:43	300	15	3.0	#2 SN Observat	2	
0070.COMP	10	05:34	12:04:02.9	+20:14:43	300	15	3.0	#2 SN Observat	2	
0071.sn2008bz	1800	05:37	12:38:57.7	+11:07:46	300	15	3.0	#2 SN Observat	2	
0072.COMP	10	06:08	12:38:57.7	+11:07:46	300	15	3.0	#2 SN Observat	2	
0073.sn2008ax	1500	06:10	12:30:40.8	+41:38:15	300	15	3.0	#2 SN Observat	2	
0074.COMP	10	06:35	12:30:40.8	+41:38:15	300	15	3.0	#2 SN Observat	2	
0075.SDSSJ1257+5922	1500	06:39	12:57:24.1	+59:22:36	300	90	3.0	#181 Populatio	2	
0076.COMP	10	07:04	12:57:24.1	+59:22:36	300	90	3.0	#181 Populatio	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0077.SDSSJ1407+5323	1800	07:10	14:07:30.9	+53:23:53	300	90	3.0	#181 Populatio	2	
0078.COMP	10	07:40	14:07:30.9	+53:23:53	300	90	3.0	#181 Populatio	2	
0079.SDSSJ1419+2946	1500	07:42	14:19:22.5	+29:46:50	300	90	3.0	#181 Populatio	2	
0080.COMP	10	08:07	14:19:22.5	+29:46:50	300	90	3.0	#181 Populatio	2	
0081.SDSSJ1516+0926	1200	08:10	15:16:46.3	+09:26:32	300	90	3.0	#181 Populatio	2	
0082.COMP	10	08:31	15:16:46.3	+09:26:32	300	90	3.0	#181 Populatio	2	
0083.SDSSJ1519+0645	900	08:32	15:19:15.9	+06:45:29	300	90	3.0	#181 Populatio	2	
0084.COMP	10	08:47	15:19:15.9	+06:45:29	300	90	3.0	#181 Populatio	2	
0085.16312216-1827005	1500	08:52	16:31:22.2	-18:27:01	300	0	3.0	#141 Mapping t	2	weak but fully present
0086.COMP	10	09:17	16:31:22.2	-18:27:01	300	0	3.0	#141 Mapping t	2	
0087.16430373-2321314	1500	09:20	16:43:03.7	-23:21:31	300	0	3.0	#141 Mapping t	2	
0088.COMP	10	09:45	16:43:03.7	-23:21:31	300	0	3.0	#141 Mapping t	2	
0089.AS210	10	09:46	16:51:20.3	-26:00:33	300	0	3.0	#12 Symbiotic	2	
0090.AS210	60	09:47	16:51:20.3	-26:00:33	300	0	3.0	#12 Symbiotic	2	
0091.AS210	298	09:49	16:51:20.3	-26:00:33	300	0	3.0	#12 Symbiotic	2	
0092.COMP	10	09:54	16:51:20.3	-26:00:33	300	0	3.0	#12 Symbiotic	2	
0093.Hen1341	15	09:55	17:08:36.0	-17:26:30	300	0	3.0	#12 Symbiotic	2	
0094.Hen1341	45	09:56	17:08:36.0	-17:26:30	300	0	3.0	#12 Symbiotic	2	
0095.Hen1341	300	09:57	17:08:36.0	-17:26:30	300	0	3.0	#12 Symbiotic	2	
0096.COMP	10	10:03	17:08:36.0	-17:26:30	300	0	3.0	#12 Symbiotic	2	

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<i>File</i>	<i>Exp Time</i>	<i>UT Start</i>	<i>RA</i>	<i>Dec</i>	<i>Gr.</i>	<i>P.A.</i>	<i>Slit</i>	<i>Program</i>	<i>Bin</i>	<i>Comments</i>
0097.17164185-2220595	1200	10:04	17:16:41.9	-22:20:59	300	0	3.0	#141 Mapping t	2	
0098.COMP	10	10:24	17:16:41.9	-22:20:59	300	0	3.0	#141 Mapping t	2	
0099.17165090-2324074	1200	10:26	17:16:50.9	-23:24:07	300	0	3.0	#141 Mapping t	2	
0100.COMP	10	10:46	17:16:50.9	-23:24:07	300	0	3.0	#141 Mapping t	2	
0101.17302156-1815031	662	10:47	17:30:21.6	-18:15:03	300	0	3.0	#141 Mapping t	2	
0102.COMP	10	10:59	17:30:21.6	-18:15:03	300	0	3.0	#141 Mapping t	2	
0103.AS316	45	11:01	18:42:33.0	-21:17:47	300	0	3.0	#12 Symbiotic	2	
0104.AS316	360	11:02	18:42:33.0	-21:17:47	300	0	3.0	#12 Symbiotic	2	
0105.COMP	10	11:09	18:42:33.0	-21:17:47	300	0	3.0	#12 Symbiotic	2	
0106.AS327	60	11:10	18:53:17.0	-24:22:59	300	0	3.0	#12 Symbiotic	2	
0107.AS327	420	11:11	18:53:17.0	-24:22:59	300	0	3.0	#12 Symbiotic	2	
0108.COMP	10	11:18	18:53:17.0	-24:22:59	300	0	3.0	#12 Symbiotic	2	
0109.V919Sgr	30	11:20	19:03:45.0	-16:59:56	300	0	3.0	#12 Symbiotic	2	
0110.V919Sgr	150	11:20	19:03:45.0	-16:59:56	300	0	3.0	#12 Symbiotic	2	
0111.COMP	10	11:23	19:03:45.0	-16:59:56	300	0	3.0	#12 Symbiotic	2	
0112.V443Her	10	11:26	18:22:07.0	+23:27:20	300	90	3.0	#12 Symbiotic	2	
0113.V443Her	60	11:27	18:22:07.0	+23:27:20	300	90	3.0	#12 Symbiotic	2	
0114.COMP	10	11:28	18:22:07.0	+23:27:20	300	90	3.0	#12 Symbiotic	2	
0115.PUVu1	10	11:30	20:21:13.0	+21:34:21	300	90	3.0	#12 Symbiotic	2	
0116.PUVu1	30	11:30	20:21:13.0	+21:34:21	300	90	3.0	#12 Symbiotic	2	

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0117.PUVu1	100	11:31	20:21:13.0	+21:34:21	300	90	3.0	#12 Symbiotic	2	
0118.COMP	10	11:33	20:21:13.0	+21:34:21	300	90	3.0	#12 Symbiotic	2	
0119.HD192281	8	11:35	20:12:33.1	+40:16:05	300	90	3.0	#56 Spectropho	2	
0120.HD192281	8	11:35	20:12:33.1	+40:16:05	300	90	3.0	#56 Spectropho	2	
0121.HD192281	8	11:35	20:12:33.1	+40:16:05	300	90	3.0	#56 Spectropho	2	
0122.COMP	10	11:36	20:12:33.1	+40:16:05	300	90	3.0	#56 Spectropho	2	
0123-0132.BIAS	0	11:39	20:12:33.1	+40:16:05	300	90	3.0	#57 Velocity S	2	
0133-0147.FLAT	25	11:48	20:12:33.1	+40:16:05	300	90	3.0	#57 Velocity S	2	