

UT Date 2005-10-02 Observers M CalkinsColl. Focus 1020 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>Bir</i>	<i>Comments</i>
0001-0010.DARK	900	1:13	06:45:13.4	02:08:14	300	90	3.0	#56 Spectropho	4	
0011-0020.BIAS	0	2:39	06:45:13.4	02:08:14	300	90	3.0	#56 Spectropho	4	
0021-0030.FLAT	8	2:59	06:45:13.4	02:08:14	300	90	3.0	#56 Spectropho	4	
0031-0040.BIAS	0	3:16	06:45:13.4	02:08:14	300	90	3.0	#56 Spectropho	2	
0041-0060.FLAT	16	3:26	06:45:13.4	02:08:14	300	90	3.0	#56 Spectropho	2	
0061.Feige25	90	11:24	02:38:37.7	05:28:11	300	44	3.0	#56 Spectropho	2	through clouds
0062.COMP	12	11:26	02:38:37.7	05:28:11	300	44	3.0	#56 Spectropho	2	
0063.sn2005eq	1500	11:53	3:08:49.3	-07:01:59	300	36	3.0	#6 AGN Monitor	2	row=68
0064.COMP	12	12:19	3:08:49.3	-07:01:59	300	36	3.0	#6 AGN Monitor	2	
0065.Hiltner600	45	12:22	06:45:13.4	02:08:14	300	-25	3.0	#56 Spectropho	2	
0066.COMP	12	12:24	06:45:13.4	02:08:14	300	-25	3.0	#56 Spectropho	2	
0067-0076.BIAS	0	12:30	06:45:13.4	02:08:14	300	90	3.0	#56 Spectropho	2	
0077-0096.FLAT	16	12:43	06:45:13.4	02:08:14	300	90	3.0	#56 Spectropho	2	
0097-0106.DARK	900	15:11	06:45:13.4	02:08:14	300	90	3.0	#56 Spectropho	2	

UT Date 2005-10-03 Observers M CalkinsColl. Focus 1020 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0001-0009.DARK	900	1:16	06:45:13.4	02:08:14	300	90	3.0	#56 Spectropho	4	
0010-0019.BIAS	0	1:36	06:45:13.4	02:08:14	300	90	3.0	#56 Spectropho	4	
0020-0029.FLAT	8	1:38	06:45:13.4	02:08:14	300	90	3.0	#56 Spectropho	4	
0030-0039.BIAS	0	1:41	06:45:13.4	02:08:14	300	90	3.0	#56 Spectropho	2	
0040-0059.FLAT	16	1:50	06:45:13.4	02:08:14	300	90	3.0	#56 Spectropho	2	
0060.BDp284211	45	2:20	21:51:11.1	28:51:53	300	104	3.0	#56 Spectropho	2	through clouds
0061.BDp284211	45	2:21	21:51:11.1	28:51:53	300	104	3.0	#56 Spectropho	2	
0062.COMP	12	2:23	21:51:11.1	28:51:53	300	104	3.0	#56 Spectropho	2	
0063.BDp174708	25	2:24	22:11:31.4	18:05:33	300	110	3.0	#56 Spectropho	2	
0064.BDp174708	25	2:25	22:11:31.4	18:05:33	300	110	3.0	#56 Spectropho	2	
0065.BDp174708	25	2:26	22:11:31.4	18:05:33	300	110	3.0	#56 Spectropho	2	
0066.COMP	12	2:27	22:11:31.4	18:05:33	300	110	3.0	#56 Spectropho	2	
0067.MRK509	300	2:33	20:44:09.8	-10:43:24	300	90	3.0	#6 AGN Monitor	2	
0068.COMP	12	2:41	20:44:09.8	-10:43:24	300	90	3.0	#6 AGN Monitor	2	
0069.MRK509	180	2:54	20:44:09.8	-10:43:24	300	90	3.0	#6 AGN Monitor	2	
0070.MRK509	180	2:57	20:44:09.8	-10:43:24	300	90	3.0	#6 AGN Monitor	2	
0071.COMP	12	3:01	20:44:09.8	-10:43:24	300	90	3.0	#6 AGN Monitor	2	
0072.2M18000064+4509333	660	3:03	18:00:00.6	+45:09:33	300	100	3.0	#141 Mapping t	2	in and out of clouds
0073.COMP	12	3:15	18:00:00.6	+45:09:33	300	100	3.0	#141 Mapping t	2	
0074.2M21050175+1549596	360	4:00	21:05:01.7	+15:49:59	300	70	3.0	#141 Mapping t	2	need more counts

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0075.COMP	12	4:06	21:05:01.7	+15:49:59	300	70	3.0	#141 Mapping t	2	
0076.2M21050175+1549596	480	4:07	21:05:01.7	+15:49:59	300	70	3.0	#141 Mapping t	2	
0077.COMP	12	4:16	21:05:01.7	+15:49:59	300	70	3.0	#141 Mapping t	2	
0078.2M21051330+2423362	1200	4:18	21:05:13.3	+24:23:36	300	90	3.0	#141 Mapping t	2	row=71
0079.COMP	12	4:38	21:05:13.3	+24:23:36	300	90	3.0	#141 Mapping t	2	
0080.2M21054964+1441016	480	4:40	21:05:49.6	+14:41:01	300	90	3.0	#141 Mapping t	2	
0081.COMP	12	4:48	21:05:49.6	+14:41:01	300	90	3.0	#141 Mapping t	2	
0082.2M21060742+1459102	360	4:50	21:06:07.4	+14:59:10	300	90	3.0	#141 Mapping t	2	row=72
0083.COMP	12	4:56	21:06:07.4	+14:59:10	300	90	3.0	#141 Mapping t	2	
0084.2M21061152+1842306	300	4:58	21:06:11.5	+18:42:30	300	90	3.0	#141 Mapping t	2	clearing
0085.COMP	12	5:04	21:06:11.5	+18:42:30	300	90	3.0	#141 Mapping t	2	
0086.2M21065498+3955272	1500	5:08	21:06:54.9	+39:55:27	300	70	3.0	#141 Mapping t	2	row=73
0087.COMP	12	5:34	21:06:54.9	+39:55:27	300	70	3.0	#141 Mapping t	2	
0088.2M22002038+6310577	1800	5:38	22:00:20.3	+63:10:57	300	95	3.0	#141 Mapping t	2	row=69
0089.COMP	12	6:09	22:00:20.3	+63:10:57	300	95	3.0	#141 Mapping t	2	
0090.2M22004437+7543330	1800	6:12	22:00:44.3	+75:43:33	300	70	3.0	#141 Mapping t	2	
0091.COMP	12	6:42	22:00:44.3	+75:43:33	300	70	3.0	#141 Mapping t	2	
0092.2M22004461+0623129	720	6:46	22:00:44.6	+06:23:12	300	95	3.0	#141 Mapping t	2	
0093.COMP	12	6:59	22:00:44.6	+06:23:12	300	95	3.0	#141 Mapping t	2	
0094.2M22004933+4330528	480	7:01	22:00:49.3	+43:30:52	300	90	3.0	#141 Mapping t	2	emission

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0095.COMP	12	7:10	22:00:49.3	+43:30:52	300	90	3.0	#141 Mapping t	2	
0096.2M22010739+1633501	720	7:12	22:01:07.3	+16:33:50	300	90	3.0	#141 Mapping t	2	
0097.COMP	12	7:25	22:01:07.3	+16:33:50	300	90	3.0	#141 Mapping t	2	
0098.2M22011327+0603201	600	7:26	22:01:13.2	+06:03:20	300	90	3.0	#141 Mapping t	2	
0099.COMP	12	7:37	22:01:13.2	+06:03:20	300	90	3.0	#141 Mapping t	2	
0100.f1_06	1220	7:40	0:49:44.6	+13:09:27	300	90	3.0	#163 Mapping M	2	
0101.COMP	12	8:01	0:49:44.6	+13:09:27	300	90	3.0	#163 Mapping M	2	
0102.f1_07	1620	8:02	0:49:17.7	+13:19:49	300	80	3.0	#163 Mapping M	2	
0103.COMP	12	8:30	0:49:17.7	+13:19:49	300	80	3.0	#163 Mapping M	2	
0104.f1_08	1200	8:31	0:56:44.1	+12:37:32	300	90	3.0	#163 Mapping M	2	
0105.COMP	12	8:51	0:56:44.1	+12:37:32	300	90	3.0	#163 Mapping M	2	
0106.f1_09	1800	8:53	0:56:26.7	+12:35:26	300	110	3.0	#163 Mapping M	2	
0107.COMP	12	9:24	0:56:26.7	+12:35:26	300	110	3.0	#163 Mapping M	2	
0108.sn2005M006	1800	9:28	02:30:27.2	-09:16:10	300	7	3.0	#2 SN Observat	2	
0109.COMP	12	9:59	02:30:27.2	-09:16:10	300	7	3.0	#2 SN Observat	2	
0110.sn2005ek	1800	10:04	03:05:48.9	+36:46:10	300	-30	3.0	#2 SN Observat	2	
0111.COMP	12	10:34	03:05:48.9	+36:46:10	300	-30	3.0	#2 SN Observat	2	
0112.0397_23	540	10:38	02:57:08.2	+16:02:47	300	90	3.0	#160 2MACS	2	
0113.COMP	12	10:48	02:57:08.2	+16:02:47	300	90	3.0	#160 2MACS	2	
0114.0397_24	600	10:49	02:58:12.7	+16:04:49	300	100	3.0	#160 2MACS	2	

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0115.COMP	12	10:59	02:58:12.7	+16:04:49	300	100	3.0	#160 2MACS	2	
0116.0397_25	600	11:01	02:58:55.4	+16:05:59	300	90	3.0	#160 2MACS	2	
0117.COMP	12	11:11	02:58:55.4	+16:05:59	300	90	3.0	#160 2MACS	2	
0118.0397_26	600	11:12	02:59:33.5	+16:06:10	300	90	3.0	#160 2MACS	2	
0119.COMP	12	11:22	02:59:33.5	+16:06:10	300	90	3.0	#160 2MACS	2	
0120.0397_27	720	11:24	02:57:45.8	+16:07:38	300	90	3.0	#160 2MACS	2	
0121.COMP	12	11:36	02:57:45.8	+16:07:38	300	90	3.0	#160 2MACS	2	
0122.sn2005eo	1800	11:40	7:59:13.9	+32:55:19	300	99	3.0	#2 SN Observat	2	
0123.COMP	12	12:10	7:59:13.9	+32:55:19	300	99	3.0	#2 SN Observat	2	
0124.Akn120	300	12:13	05:13:38.0	-00:12:15	300	70	3.0	#6 AGN Monitor	2	
0125.COMP	12	12:19	05:13:38.0	-00:12:15	300	70	3.0	#6 AGN Monitor	2	
0126.NGC1700	180	12:22	04:56:58.1	-04:52:23	300	90	3.0	#57 Velocity S	2	
0127.COMP	12	12:26	04:56:58.1	-04:52:23	300	90	3.0	#57 Velocity S	2	
0128.Hiltner600	60	12:28	06:45:13.4	02:08:14	300	90	3.0	#56 Spectropho	2	
0129.COMP	12	12:29	06:45:13.4	02:08:14	300	90	3.0	#56 Spectropho	2	
0130-0139.BIAS	0	12:33	06:45:13.4	02:08:14	300	90	3.0	#2 SN Observat	2	
0140-0159.FLAT	16	12:44	06:45:13.4	02:08:14	300	90	3.0	#2 SN Observat	2	
0160-0169.DARK	900	15:07	06:45:13.4	02:08:14	300	90	3.0	#2 SN Observat	2	

UT Date 2005-10-04 Observers M CalkinsColl. Focus 1020 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0001-0010.BIAS	0	0:45	18:11:57.4	+31:29:40	300	90	3.0	#2 SN Observat	4	
0011-0015.FLAT	8	0:46	18:13:41.4	+31:29:39	300	90	3.0	#2 SN Observat	4	
0016-0020.FLAT	8	0:48	18:15:21.4	+31:29:38	300	90	3.0	#2 SN Observat	4	
0021-0022.BIAS	0	0:48	18:15:51.6	+31:29:38	300	90	3.0	#2 SN Observat	2	
0023-0030.BIAS	0	0:50	18:17:35.6	+31:29:37	300	90	3.0	#2 SN Observat	2	
0031-0034.FLAT	16	0:52	18:19:45.7	+31:29:36	300	90	3.0	#2 SN Observat	2	
0035-0038.FLAT	16	0:54	18:21:43.5	+31:29:35	300	90	3.0	#2 SN Observat	2	
0039-0042.FLAT	16	0:56	18:23:45.0	+31:29:34	300	90	3.0	#2 SN Observat	2	
0043-0046.FLAT	16	0:58	18:25:46.4	+31:29:33	300	90	3.0	#2 SN Observat	2	
0047-0050.FLAT	16	1:00	18:27:48.0	+31:29:32	300	90	3.0	#2 SN Observat	2	
0051.DARK	900	1:15	18:57:53.3	+31:29:17	300	90	3.0	#2 SN Observat	4	
0052.DARK	900	1:31	19:13:08.3	+31:29:09	300	90	3.0	#2 SN Observat	4	
0053.DARK	900	1:46	19:28:19.8	+31:29:02	300	90	3.0	#2 SN Observat	4	
0054.DARK	900	2:01	19:43:31.0	+31:28:55	300	90	3.0	#2 SN Observat	4	
0055.DARK	900	2:16	19:58:42.2	+31:28:48	300	90	3.0	#2 SN Observat	4	
0056.DARK	900	2:31	20:13:57.3	+31:28:42	300	90	3.0	#2 SN Observat	4	
0057.DARK	900	2:46	20:29:08.7	+31:28:36	300	90	3.0	#2 SN Observat	4	
0058.DARK	900	3:02	20:44:20.0	+31:28:30	300	90	3.0	#2 SN Observat	4	
0059.DARK	900	3:17	20:59:31.6	+31:28:24	300	90	3.0	#2 SN Observat	4	
0060.DARK	900	3:32	21:14:46.5	+31:28:19	300	90	3.0	#2 SN Observat	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>Bir</i>	<i>Comments</i>
0061.DARK	900	3:47	21:29:58.2	+31:28:14	300	90	3.0	#2 SN Observat	2	
0062.DARK	900	4:02	21:45:17.7	+31:28:09	300	90	3.0	#2 SN Observat	2	
0063.DARK	900	4:18	22:00:33.5	+31:28:05	300	90	3.0	#2 SN Observat	2	
0064.DARK	900	4:33	22:15:49.4	+31:28:02	300	90	3.0	#2 SN Observat	2	
0065.DARK	900	4:48	22:31:08.8	+31:27:59	300	90	3.0	#2 SN Observat	2	
0066.DARK	900	5:03	22:46:24.7	+31:27:56	300	90	3.0	#2 SN Observat	2	
0067.DARK	900	5:19	23:01:40.6	+31:27:54	300	90	3.0	#2 SN Observat	2	
0068.DARK	900	5:34	23:17:00.1	+31:27:52	300	90	3.0	#2 SN Observat	2	
0069.DARK	900	5:49	23:32:15.9	+31:27:51	300	90	3.0	#2 SN Observat	2	
0070.DARK	900	6:04	23:47:31.7	+31:27:50	300	90	3.0	#2 SN Observat	2	

UT Date 2005-10-05 Observers PB/A CrookColl. Focus 1020 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>Bir</i>	<i>Comments</i>
0001.DARK	900	22:50	16:35:45.3	+31:30:27	300	90	3.0	#2 SN Observat	2	
0002.DARK	900	23:05	16:51:01.0	+31:30:20	300	90	3.0	#2 SN Observat	2	
0003.DARK	900	23:20	17:06:13.2	+31:30:12	300	90	3.0	#2 SN Observat	2	
0004.DARK	900	23:35	17:21:28.9	+31:30:05	300	90	3.0	#2 SN Observat	2	
0005.DARK	900	23:50	17:36:44.7	+31:29:57	300	90	3.0	#2 SN Observat	2	
0006.DARK	900	0:06	17:51:56.8	+31:29:50	300	90	3.0	#2 SN Observat	2	
0007.DARK	900	0:21	18:07:12.3	+31:29:42	300	90	3.0	#2 SN Observat	2	
0008-0010.BIAS	0	0:57	18:28:47.4	+31:29:31	300	90	3.0	#2 SN Observat	4	
0011-0017.BIAS	0	1:04	18:35:43.9	+31:29:28	300	90	3.0	#2 SN Observat	4	
0018-0020.BIAS	0	1:05	18:36:05.5	+31:29:27	300	90	3.0	#2 SN Observat	4	
0021-0025.FLAT	8	1:06	18:37:49.4	+31:29:27	300	90	3.0	#2 SN Observat	4	
0026-0030.FLAT	8	1:08	18:39:29.5	+31:29:26	300	90	3.0	#2 SN Observat	4	
0031.BIAS	0	1:08	18:39:46.8	+31:29:26	300	90	3.0	#2 SN Observat	2	
0032-0040.BIAS	0	1:10	18:41:39.9	+31:29:25	300	90	3.0	#2 SN Observat	2	
0041-0044.FLAT	16	1:12	18:43:50.0	+31:29:24	300	90	3.0	#2 SN Observat	2	
0045-0048.FLAT	16	1:14	18:45:51.3	+31:29:23	300	90	3.0	#2 SN Observat	2	
0049-0052.FLAT	16	1:16	18:47:52.8	+31:29:22	300	90	3.0	#2 SN Observat	2	
0053-0056.FLAT	16	1:18	18:49:54.2	+31:29:21	300	90	3.0	#2 SN Observat	2	
0057-0060.FLAT	16	1:20	18:51:55.6	+31:29:20	300	90	3.0	#2 SN Observat	2	
0061.FLAT	16	1:21	18:52:25.8	+31:29:19	300	90	3.0	#2 SN Observat	2	



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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0062.sky	5	1:25	18:55:00	32:00:00	300	90	3.0	#57 Velocity S	4	clear skies
0063-0066.sky	5	1:26	18:55:00	32:00:00	300	90	3.0	#57 Velocity S	4	
0067.COMP	5	1:27	18:55:00	32:00:00	300	90	3.0	#57 Velocity S	4	
0068.2M18000416+4431383	900	2:13	18:00:04.1	+44:31:38	300	90	3.0	#141 Mapping t	4	
0069.COMP	5	2:28	18:00:04.1	+44:31:38	300	90	3.0	#141 Mapping t	4	
0070.2M18004364+1031519	420	2:29	18:00:43.6	+10:31:51	300	90	3.0	#141 Mapping t	4	
0071.COMP	5	2:36	18:00:43.6	+10:31:51	300	90	3.0	#141 Mapping t	4	
0072.2M18033857+1202132	300	2:38	18:03:38.5	+12:02:13	300	90	3.0	#141 Mapping t	4	
0073.COMP	5	2:43	18:03:38.5	+12:02:13	300	90	3.0	#141 Mapping t	4	
0074.2M18040884+0042223	1200	2:44	18:04:08.8	+00:42:22	300	90	3.0	#141 Mapping t	4	
0075.COMP	5	3:04	18:04:08.8	+00:42:22	300	90	3.0	#141 Mapping t	4	
0076.2M18041023+1011513	360	3:06	18:04:10.2	+10:11:51	300	90	3.0	#141 Mapping t	4	
0077.COMP	5	3:12	18:04:10.2	+10:11:51	300	90	3.0	#141 Mapping t	4	
0078.2M18073170+1022047	900	3:16	18:07:31.7	+10:22:04	300	90	3.0	#141 Mapping t	2	
0079.COMP	10	3:32	18:07:31.7	+10:22:04	300	90	3.0	#141 Mapping t	2	
0080.2M18074582+1019124	420	3:33	18:07:45.8	+10:19:12	300	90	3.0	#141 Mapping t	2	
0081.COMP	10	3:40	18:07:45.8	+10:19:12	300	90	3.0	#141 Mapping t	2	
0082.2M18120405+1225292	300	3:43	18:12:04.0	+12:25:29	300	90	3.0	#141 Mapping t	4	
0083.COMP	5	3:48	18:12:04.0	+12:25:29	300	90	3.0	#141 Mapping t	4	
0084.2M18150669+1408155	600	3:51	18:15:06.6	+14:08:15	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>Bir</i>	<i>Comments</i>
0085.COMP	10	4:01	18:15:06.6	+14:08:15	300	90	3.0	#141 Mapping t	2	
0086.6X587524	720	4:05	19:51:56.8	+50:15:56	300	0	3.0	#141 Mapping t	2	
0087.COMP	10	4:17	19:51:56.8	+50:15:56	300	0	3.0	#141 Mapping t	2	
0088.6X576688	360	4:19	19:52:11.0	+50:46:35	300	20	3.0	#141 Mapping t	2	
0089.COMP	10	4:25	19:52:11.0	+50:46:35	300	20	3.0	#141 Mapping t	2	
0090.BDp284211	90	4:28	21:51:11.1	28:51:53	300	90	3.0	#56 Spectropho	2	
0091.BDp284211	90	4:30	21:51:11.1	28:51:53	300	90	3.0	#56 Spectropho	2	
0092.BDp284211	90	4:31	21:51:11.1	28:51:53	300	90	3.0	#56 Spectropho	2	
0093.COMP	10	4:33	21:51:11.1	28:51:53	300	90	3.0	#56 Spectropho	2	
0094.BDp174708	45	4:35	22:11:31.4	18:05:33	300	0	3.0	#56 Spectropho	2	
0095.BDp174708	45	4:36	22:11:31.4	18:05:33	300	0	3.0	#56 Spectropho	2	
0096.BDp174708	45	4:37	22:11:31.4	18:05:33	300	0	3.0	#56 Spectropho	2	
0097.COMP	10	4:38	22:11:31.4	18:05:33	300	0	3.0	#56 Spectropho	2	
0098.N7331	180	4:41	22:34:46.9	+34:09:43	300	90	3.0	#57 Velocity S	4	
0099.COMP	5	4:44	22:34:46.9	+34:09:43	300	90	3.0	#57 Velocity S	4	
0100.Akn564	180	4:46	22:42:39.4	+29:43:31	300	90	3.0	#6 AGN Monitor	4	
0101.Akn564	180	4:49	22:42:39.4	+29:43:31	300	90	3.0	#6 AGN Monitor	4	
0102.COMP	5	4:53	22:42:39.4	+29:43:31	300	90	3.0	#6 AGN Monitor	4	
0103.6X587586	720	4:54	19:52:11.4	+49:59:55	300	90	3.0	#141 Mapping t	4	
0104.COMP	5	5:06	19:52:11.4	+49:59:55	300	90	3.0	#141 Mapping t	4	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0105.6X576713	720	5:07	19:52:31.8	+50:21:29	300	90	3.0	#141 Mapping t	4	
0106.COMP	5	5:20	19:52:31.8	+50:21:29	300	90	3.0	#141 Mapping t	4	
0107.6X576769	540	5:20	19:52:48.6	+50:49:28	300	90	3.0	#141 Mapping t	4	
0108.COMP	5	5:30	19:52:48.6	+50:49:28	300	90	3.0	#141 Mapping t	4	
0109.6X576741	660	5:31	19:52:59.0	+50:09:38	300	90	3.0	#141 Mapping t	4	
0110.COMP	5	5:42	19:52:59.0	+50:09:38	300	90	3.0	#141 Mapping t	4	
0111.COMP	5	5:50	23:30:00	32:00:00	600	90	2.0	#141 Mapping t	4	600-line, 2-sec slit
0112-0121.FLAT	24	5:56	23:30:00	32:00:00	600	90	2.0	#141 Mapping t	4	
0122.BDp284211	90	5:59	21:48:57.1	28:37:48	600	90	2.0	#122 Halo Star	4	
0123.BDp284211	90	6:01	21:48:57.1	28:37:48	600	90	2.0	#122 Halo Star	4	
0124.COMP	10	6:03	21:48:57.1	28:37:48	600	90	2.0	#122 Halo Star	4	
0125.hs3693	360	6:05	2:11:41.3	3:29:41	600	90	2.0	#122 Halo Star	4	
0126.COMP	10	6:12	2:11:41.3	3:29:41	600	90	2.0	#122 Halo Star	4	
0127.hs3694	240	6:13	2:12:47.1	1:24:51	600	90	2.0	#122 Halo Star	4	
0128.COMP	10	6:18	2:12:47.1	1:24:51	600	90	2.0	#122 Halo Star	4	
0129.hs3695	360	6:20	2:15:06.2	1:55:04	600	90	2.0	#122 Halo Star	4	
0130.COMP	10	6:26	2:15:06.2	1:55:04	600	90	2.0	#122 Halo Star	4	
0131.hs3696	210	6:28	2:17:04.1	3:10:17	600	90	2.0	#122 Halo Star	4	
0132.COMP	10	6:32	2:17:04.1	3:10:17	600	90	2.0	#122 Halo Star	4	
0133.hs3697	420	6:34	2:18:45.0	1:42:24	600	90	2.0	#122 Halo Star	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>Bir</i>	<i>Comments</i>
0134.COMP	10	6:41	2:18:45.0	1:42:24	600	90	2.0	#122 Halo Star	4	
0135.hs3698	300	6:43	2:18:47.2	2:59:15	600	90	2.0	#122 Halo Star	4	
0136.COMP	10	6:48	2:18:47.2	2:59:15	600	90	2.0	#122 Halo Star	4	
0137.hs3699	360	6:49	2:19:32.8	2:31:18	600	90	2.0	#122 Halo Star	4	
0138.COMP	10	6:56	2:19:32.8	2:31:18	600	90	2.0	#122 Halo Star	4	
0139.hs3700	420	6:57	2:22:37.7	-1:17:09	600	90	2.0	#122 Halo Star	4	
0140.COMP	10	7:05	2:22:37.7	-1:17:09	600	90	2.0	#122 Halo Star	4	
0141.hs3701	240	7:08	2:27:29.6	2:25:48	600	90	2.0	#122 Halo Star	4	
0142.COMP	10	7:12	2:27:29.6	2:25:48	600	90	2.0	#122 Halo Star	4	
0143.hs3702	360	7:14	2:29:33.3	3:17:46	600	90	2.0	#122 Halo Star	4	
0144.COMP	10	7:20	2:29:33.3	3:17:46	600	90	2.0	#122 Halo Star	4	
0145.hs3703	480	7:21	2:29:54.0	2:21:35	600	90	2.0	#122 Halo Star	4	
0146.COMP	10	7:29	2:29:54.0	2:21:35	600	90	2.0	#122 Halo Star	4	
0147.hs3704	240	7:30	2:35:34.1	-1:39:12	600	90	2.0	#122 Halo Star	4	
0148.COMP	10	7:35	2:35:34.1	-1:39:12	600	90	2.0	#122 Halo Star	4	
0149.hs3705	900	7:35	2:37:17.1	2:47:42	600	90	2.0	#122 Halo Star	4	
0150.COMP	10	7:51	2:37:17.1	2:47:42	600	90	2.0	#122 Halo Star	4	
0151.hs3706	180	7:51	2:38:01.3	2:43:41	600	90	2.0	#122 Halo Star	4	
0152.COMP	10	7:55	2:38:01.3	2:43:41	600	90	2.0	#122 Halo Star	4	
0153.hs3707	240	7:55	2:38:29.0	4:09:48	600	90	2.0	#122 Halo Star	4	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0154.COMP	10	8:00	2:38:29.0	4:09:48	600	90	2.0	#122 Halo Star	4	
0155.hs3708	240	8:00	2:39:42.8	4:42:37	600	90	2.0	#122 Halo Star	4	
0156.COMP	10	8:05	2:39:42.8	4:42:37	600	90	2.0	#122 Halo Star	4	
0157.hs3709	480	8:06	2:40:04.3	3:55:42	600	90	2.0	#122 Halo Star	4	
0158.COMP	5	8:14	2:40:04.3	3:55:42	600	90	2.0	#122 Halo Star	4	
0159.hs3710	240	8:15	2:41:18.1	-1:41:18	600	90	2.0	#122 Halo Star	4	
0160.COMP	10	8:20	2:41:18.1	-1:41:18	600	90	2.0	#122 Halo Star	4	
0161.hs3711	480	8:20	2:43:22.7	4:50:36	600	90	2.0	#122 Halo Star	4	
0162.COMP	10	8:29	2:43:22.7	4:50:36	600	90	2.0	#122 Halo Star	4	
0163.COMP	10	8:36	2:20:00	32:00:00	300	90	23.0	#122 Halo Star	4	
0164.COMP	5	8:40	2:20:00	32:00:00	300	90	23.0	#122 Halo Star	4	
0165.COMP	5	8:43	2:20:00	32:00:00	300	90	23.0	#122 Halo Star	4	
0166.COMP	5	8:45	2:20:00	32:00:00	300	90	23.0	#122 Halo Star	4	300-line, 3-sec, combo
0167.225m280	240	8:46	00:41:45.1	+41:05:12	300	90	3.0	#57 Velocity S	4	
0168.COMP	5	8:51	00:41:45.1	+41:05:12	300	90	3.0	#57 Velocity S	4	
0169.sn2005M006	1800	8:55	02:30:27.2	-09:16:10	300	5	3.0	#2 SN Observat	2	
0170.COMP	10	9:25	02:30:27.2	-09:16:10	300	5	3.0	#2 SN Observat	2	
0171.sn2005eq	1200	9:28	3:08:49.3	-07:01:59	300	0	3.0	#2 SN Observat	2	
0172.COMP	10	9:48	3:08:49.3	-07:01:59	300	0	3.0	#2 SN Observat	2	
0173.0397_28	360	9:50	02:57:22.5	+16:09:16	300	90	3.0	#160 2MACS	4	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0174.COMP	5	9:56	02:57:22.5	+16:09:16	300	90	3.0	#160 2MACS	4	
0175.0397_29	420	9:57	02:58:19.4	+16:34:50	300	90	3.0	#160 2MACS	4	
0176.COMP	5	10:05	02:58:19.4	+16:34:50	300	90	3.0	#160 2MACS	4	
0177.0397_30	420	10:05	02:58:11.7	+16:36:00	300	90	3.0	#160 2MACS	4	
0178.COMP	5	10:13	02:58:11.7	+16:36:00	300	90	3.0	#160 2MACS	4	
0179.0397_31	540	10:14	02:57:25.8	+16:44:48	300	90	3.0	#160 2MACS	4	
0180.COMP	5	10:23	02:57:25.8	+16:44:48	300	90	3.0	#160 2MACS	4	
0181.0407_01	540	10:24	03:02:27.8	+35:29:59	300	90	3.0	#160 2MACS	4	
0182.COMP	5	10:34	03:02:27.8	+35:29:59	300	90	3.0	#160 2MACS	4	
0183.0407_02andWcomp	1200	10:35	03:04:12.1	+35:30:44	300	100	3.0	#160 2MACS	2	target gal 407-02 at row 87
0184.COMP	10	10:56	03:04:12.1	+35:30:44	300	100	3.0	#160 2MACS	2	also brighter comp at row 67
0185.0407_03	900	10:57	03:01:28.0	+35:34:51	300	90	3.0	#160 2MACS	4	
0186.COMP	5	11:12	03:01:28.0	+35:34:51	300	90	3.0	#160 2MACS	4	
0187.0407_04	900	11:13	03:03:52.5	+35:34:53	300	90	3.0	#160 2MACS	4	
0188.COMP	5	11:28	03:03:52.5	+35:34:53	300	90	3.0	#160 2MACS	4	
0189.sn2005e1	1320	11:31	05:11:48.7	+05:11:39	300	3	3.0	#2 SN Observat	2	
0190.COMP	10	11:54	05:11:48.7	+05:11:39	300	3	3.0	#2 SN Observat	2	
0191.0407_05	900	11:58	02:59:21.0	+35:35:19	300	90	3.0	#160 2MACS	4	
0192.COMP	5	12:13	02:59:21.0	+35:35:19	300	90	3.0	#160 2MACS	4	
0193.0407_06	480	12:14	03:03:00.1	+35:36:58	300	90	3.0	#160 2MACS	4	a little scruffy

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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>Bir</i>	<i>Comments</i>
0194.COMP	5	12:22	03:03:00.1	+35:36:58	300	90	3.0	#160 2MACS	4	
0195.BXMon	20	12:28	7:25:23	-03:35:51	300	90	3.0	#12 Symbiotic	4	
0196.BXMon	90	12:29	7:25:23	-03:35:51	300	90	3.0	#12 Symbiotic	4	
0197.COMP	5	12:31	7:25:23	-03:35:51	300	90	3.0	#12 Symbiotic	4	
0198-0207.BIAS	0	12:35	7:25:23	-03:35:51	300	90	3.0	#160 2MACS	4	
0208-0217.FLAT	8	12:38	7:25:23	-03:35:51	300	90	3.0	#160 2MACS	4	
0218-0227.BIAS	0	12:40	7:25:23	-03:35:51	300	90	3.0	#160 2MACS	2	
0228-0248.FLAT	16	12:51	7:25:23	-03:35:51	300	90	3.0	#160 2MACS	2	
0249.COMP	5	12:57	06:30:49.2	+31:30:01	300	90	3.0	#160 2MACS	4	
0250.DARK	900	13:03	06:51:04.6	+31:30:12	300	90	3.0	#160 2MACS	4	
0251.DARK	900	13:18	07:06:16.6	+31:30:19	300	90	3.0	#160 2MACS	4	
0252.DARK	900	13:33	07:21:28.4	+31:30:26	300	90	3.0	#160 2MACS	4	
0253.DARK	900	13:48	07:36:44.1	+31:30:33	300	90	3.0	#160 2MACS	4	
0254.DARK	900	14:03	07:51:55.9	+31:30:40	300	90	3.0	#160 2MACS	4	
0255.DARK	900	14:19	08:07:07.8	+31:30:47	300	90	3.0	#160 2MACS	4	
0256.DARK	900	14:34	08:22:19.9	+31:30:53	300	90	3.0	#160 2MACS	4	
0257.DARK	900	14:49	08:37:31.9	+31:30:59	300	90	3.0	#160 2MACS	4	
0258.DARK	900	15:04	08:52:47.4	+31:31:05	300	90	3.0	#160 2MACS	4	
0259.DARK	900	15:19	09:07:59.5	+31:31:11	300	90	3.0	#160 2MACS	4	
0260.DARK	900	15:34	09:23:11.7	+31:31:16	300	90	3.0	#160 2MACS	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0001.BIAS	0	0:39	18:14:33.4	+31:29:38	300	90	3.0	#160 2MACS	2	
0002-0005.BIAS	0	0:44	18:19:32.6	+31:29:36	300	90	3.0	#160 2MACS	4	
0006-0011.BIAS	0	0:45	18:20:15.9	+31:29:35	300	90	3.0	#160 2MACS	4	
0012-0014.FLAT	8	0:46	18:21:16.8	+31:29:35	300	90	3.0	#160 2MACS	4	
0015-0020.FLAT	8	0:48	18:23:18.4	+31:29:34	300	90	3.0	#160 2MACS	4	
0021.FLAT	8	0:48	18:23:39.8	+31:29:33	300	90	3.0	#160 2MACS	4	
0022-0029.BIAS	0	0:50	18:25:24.5	+31:29:33	300	90	3.0	#160 2MACS	2	
0030-0031.BIAS	0	0:51	18:25:50.4	+31:29:32	300	90	3.0	#160 2MACS	2	
0032-0034.FLAT	16	0:52	18:27:30.1	+31:29:32	300	90	3.0	#160 2MACS	2	
0035-0038.FLAT	16	0:54	18:29:31.5	+31:29:31	300	90	3.0	#160 2MACS	2	
0039-0041.FLAT	16	0:55	18:31:02.6	+31:29:30	300	90	3.0	#160 2MACS	2	
0042-0045.FLAT	16	0:57	18:33:04.0	+31:29:29	300	90	3.0	#160 2MACS	2	
0046-0049.FLAT	16	0:59	18:35:05.3	+31:29:28	300	90	3.0	#160 2MACS	2	
0050-0052.FLAT	16	1:01	18:36:36.5	+31:29:27	300	90	3.0	#160 2MACS	2	
0053.COMP	10	1:02	18:37:28.6	+31:29:27	300	90	3.0	#160 2MACS	2	
0054-0056.sky	3	1:21	18:55:00	32:00:00	300	90	3.0	#57 Velocity S	4	
0057.COMP.ms	5	1:10	2:10:00	32:00:00	300	90	3.0	#57 Velocity S	1	
0057-0058.sky	3	1:21	18:55:00	32:00:00	300	90	3.0	#57 Velocity S	4	
0059.sky	5	1:22	18:55:00	32:00:00	300	90	3.0	#57 Velocity S	4	
0060.COMP	5	1:22	18:55:00	32:00:00	300	90	3.0	#57 Velocity S	4	



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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0061.2M18001122+4839137	600	1:59	18:00:11.2	+48:39:13	300	90	3.0	#141 Mapping t	4	
0062.COMP	5	2:10	18:00:11.2	+48:39:13	300	90	3.0	#141 Mapping t	4	
0063.2M18003408+4216005	480	2:14	18:00:34.0	+42:16:00	300	70	3.0	#141 Mapping t	4	
0064.COMP	5	2:22	18:00:34.0	+42:16:00	300	70	3.0	#141 Mapping t	4	
0065.2M18040986+2941187	480	2:27	18:04:09.8	+29:41:18	300	90	3.0	#141 Mapping t	4	
0066.COMP	5	2:35	18:04:09.8	+29:41:18	300	90	3.0	#141 Mapping t	4	
0067.2M18055646+2629282	360	2:37	18:05:56.4	+26:29:28	300	90	3.0	#141 Mapping t	4	
0068.COMP	5	2:43	18:05:56.4	+26:29:28	300	90	3.0	#141 Mapping t	4	
0069.2M18064489+1743135	480	2:44	18:06:44.8	+17:43:13	300	90	3.0	#141 Mapping t	4	
0070.COMP	5	2:53	18:06:44.8	+17:43:13	300	90	3.0	#141 Mapping t	4	
0071.2M18070684+2608495	480	3:02	18:07:06.8	+26:08:49	300	90	3.0	#141 Mapping t	4	
0072.COMP	5	3:11	18:07:06.8	+26:08:49	300	90	3.0	#141 Mapping t	4	
0073.2M18095626+2232413	600	3:13	18:09:56.2	+22:32:41	300	90	3.0	#141 Mapping t	4	
0074.COMP	5	3:23	18:09:56.2	+22:32:41	300	90	3.0	#141 Mapping t	4	
0075.2M18095844+2159203	600	3:25	18:09:58.4	+21:59:20	300	90	3.0	#141 Mapping t	2	
0076.COMP	10	3:35	18:09:58.4	+21:59:20	300	90	3.0	#141 Mapping t	2	
0077.2M18114847+2550276	480	3:37	18:11:48.4	+25:50:27	300	90	3.0	#141 Mapping t	2	
0078.COMP	10	3:49	18:11:48.4	+25:50:27	300	90	3.0	#141 Mapping t	2	
0079.6X576742	900	3:52	19:53:14.8	+50:07:04	300	90	3.0	#141 Mapping t	4	
0080.COMP	10	4:09	19:53:14.8	+50:07:04	300	90	3.0	#141 Mapping t	4	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0081.6X576821	900	4:14	19:53:30.8	+50:06:14	300	90	3.0	#141 Mapping t	2	
0082.COMP	10	4:30	19:53:30.8	+50:06:14	300	90	3.0	#141 Mapping t	2	
0083.BDp284211	90	4:32	21:51:11.1	28:51:53	300	90	3.0	#56 Spectropho	2	
0084.BDp284211	90	4:34	21:51:11.1	28:51:53	300	90	3.0	#56 Spectropho	2	
0085.BDp284211	90	4:35	21:51:11.1	28:51:53	300	90	3.0	#56 Spectropho	2	
0086.COMP	10	4:37	21:51:11.1	28:51:53	300	90	3.0	#56 Spectropho	2	
0087.BDp174708	45	4:41	22:11:31.4	18:05:33	300	0	3.0	#56 Spectropho	2	
0088.BDp174708	45	4:42	22:11:31.4	18:05:33	300	0	3.0	#56 Spectropho	2	
0089.BDp174708	45	4:43	22:11:31.4	18:05:33	300	0	3.0	#56 Spectropho	2	
0090.COMP	10	4:44	22:11:31.4	18:05:33	300	0	3.0	#56 Spectropho	2	
0091.XS01694B7_027	120	4:48	22:17:42.6	+00:11:59	300	90	3.0	#129 Bright Ch	2	
0092.COMP	10	4:51	22:17:42.6	+00:11:59	300	90	3.0	#129 Bright Ch	2	
0093.N7331	120	4:55	22:34:46.9	+34:09:43	300	90	3.0	#57 Velocity S	2	
0094.COMP	10	4:57	22:34:46.9	+34:09:43	300	90	3.0	#57 Velocity S	2	
0095.MRK509	180	5:02	20:44:09.8	-10:43:24	300	90	3.0	#6 AGN Monitor	4	
0096.MRK509	180	5:05	20:44:09.8	-10:43:24	300	90	3.0	#6 AGN Monitor	4	
0097.COMP	5	5:09	20:44:09.8	-10:43:24	300	90	3.0	#6 AGN Monitor	4	
0098.N7469	120	5:12	23:03:15.7	+08:52:27	300	90	3.0	#6 AGN Monitor	4	
0099.N7469	120	5:14	23:03:15.7	+08:52:27	300	90	3.0	#6 AGN Monitor	4	
0100.COMP	5	5:17	23:03:15.7	+08:52:27	300	90	3.0	#6 AGN Monitor	4	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0101.COMP	5	5:39	23:30:00	32:00:00	600	0	2.0	#141 Mapping t	4	
0102.COMP	5	5:44	23:30:00	32:00:00	600	0	2.0	#141 Mapping t	4	
0103.hs3364	240	5:49	1:21:07.9	16:55:52	600	90	2.0	#122 Halo Star	4	
0104.COMP	10	5:54	1:21:07.9	16:55:52	600	90	2.0	#122 Halo Star	4	
0105-0114.FLAT	24	6:00	23:30:00	32:00:00	600	90	2.0	#141 Mapping t	4	
0115.COMP	10	6:02	23:30:00	32:00:00	600	90	2.0	#141 Mapping t	4	
0116.hs3785	400	6:03	23:59:21.9	-2:49:36	600	90	2.0	#122 Halo Star	4	
0117.COMP	10	6:10	23:59:21.9	-2:49:36	600	90	2.0	#122 Halo Star	4	
0118.hs3786	200	6:11	0:01:29.1	-3:23:01	600	90	2.0	#122 Halo Star	4	
0119.COMP	10	6:15	0:01:29.1	-3:23:01	600	90	2.0	#122 Halo Star	4	
0120.hs3787	280	6:18	0:03:20.4	-3:54:09	600	90	2.0	#122 Halo Star	4	
0121.COMP	10	6:23	0:03:20.4	-3:54:09	600	90	2.0	#122 Halo Star	4	
0122.hs3788	420	6:25	0:07:16.4	-7:24:00	600	90	2.0	#122 Halo Star	4	
0123.COMP	10	6:33	0:07:16.4	-7:24:00	600	90	2.0	#122 Halo Star	4	
0124.hs3789	320	6:34	0:08:08.4	-8:28:36	600	90	2.0	#122 Halo Star	4	
0125.COMP	10	6:40	0:08:08.4	-8:28:36	600	90	2.0	#122 Halo Star	4	
0126.hs3790	240	6:42	0:08:17.5	-9:13:29	600	90	2.0	#122 Halo Star	4	
0127.COMP	10	6:46	0:08:17.5	-9:13:29	600	90	2.0	#122 Halo Star	4	
0128.hs3791	420	6:47	0:08:53.6	-2:45:28	600	90	2.0	#122 Halo Star	4	
0129.COMP	10	6:55	0:08:53.6	-2:45:28	600	90	2.0	#122 Halo Star	4	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0130.hs3792	300	6:57	0:12:14.1	-5:08:11	600	90	2.0	#122 Halo Star	4	
0131.COMP	10	7:02	0:15:04.1	-6:09:18	600	90	2.0	#122 Halo Star	4	
0132.hs3793	420	7:04	0:15:04.1	-6:09:18	600	90	2.0	#122 Halo Star	4	
0133.COMP	10	7:11	0:15:04.1	-6:09:18	600	90	2.0	#122 Halo Star	4	
0134.Feige110	120	7:14	23:19:58.3	-05:09:55	600	90	2.0	#56 Spectropho	4	
0135.Feige110	120	7:17	23:19:58.3	-05:09:55	600	90	2.0	#56 Spectropho	4	
0136.COMP	10	7:19	23:19:58.3	-05:09:55	600	90	2.0	#56 Spectropho	4	
0137.hs3712	360	7:22	2:44:31.0	4:34:55	600	90	2.0	#122 Halo Star	4	
0138.COMP	10	7:28	2:44:31.0	4:34:55	600	90	2.0	#122 Halo Star	4	
0139.hs3713	180	7:30	2:48:31.1	3:47:39	600	90	2.0	#122 Halo Star	4	
0140.COMP	10	7:33	2:48:31.1	3:47:39	600	90	2.0	#122 Halo Star	4	
0141.hs3714	180	7:35	2:55:06.0	3:30:53	600	90	2.0	#122 Halo Star	4	
0142.COMP	10	7:38	2:55:06.0	3:30:53	600	90	2.0	#122 Halo Star	4	
0143.hs3715	420	7:40	2:56:34.8	2:17:22	600	90	2.0	#122 Halo Star	4	
0144.COMP	10	7:47	2:56:34.8	2:17:22	600	90	2.0	#122 Halo Star	4	
0145.hs3718	360	7:56	3:00:58.8	4:02:16	600	90	2.0	#122 Halo Star	4	
0146.COMP	10	8:02	3:00:58.8	4:02:16	600	90	2.0	#122 Halo Star	4	
0147.hs3719	200	8:03	3:02:12.0	-1:56:08	600	90	2.0	#122 Halo Star	4	
0148.COMP	10	8:07	3:02:12.0	-1:56:08	600	90	2.0	#122 Halo Star	4	
0149.hs3720	320	8:08	3:03:59.3	2:33:52	600	90	2.0	#122 Halo Star	4	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0150.COMP	10	8:14	3:03:59.3	2:33:52	600	90	2.0	#122 Halo Star	4	
0151.hs3721	420	8:17	3:04:24.3	3:45:30	600	90	2.0	#122 Halo Star	4	
0152.COMP	10	8:24	3:04:24.3	3:45:30	600	90	2.0	#122 Halo Star	4	
0153.hs3722	360	8:25	3:05:17.3	3:27:13	600	90	2.0	#122 Halo Star	4	
0154.COMP	10	8:31	3:05:17.3	3:27:13	600	90	2.0	#122 Halo Star	4	
0155.hs3723	300	8:33	3:08:59.9	3:16:08	600	90	2.0	#122 Halo Star	4	
0156.COMP	10	8:39	3:08:59.9	3:16:08	600	90	2.0	#122 Halo Star	4	
0157.hs3724	420	8:41	3:10:51.9	2:47:17	600	90	2.0	#122 Halo Star	4	
0158.COMP	10	8:48	3:10:51.9	2:47:17	600	90	2.0	#122 Halo Star	4	
0159.COMP	5	8:56	2:30:00	32:00:00	300	7	3.0	#122 Halo Star	4	
0160.COMP	5	8:58	2:30:00	32:00:00	300	7	3.0	#122 Halo Star	4	
0161.sn2005M006	1800	9:03	02:30:27.2	-09:16:10	300	7	3.0	#2 SN Observat	2	partly cloudy from here on
0162.COMP	10	9:33	02:30:27.2	-09:16:10	300	7	3.0	#2 SN Observat	2	
0163.sn2005ek	1800	9:54	03:05:48.9	+36:46:10	300	-18	3.0	#2 SN Observat	2	
0164.COMP	10	10:24	03:05:48.9	+36:46:10	300	-18	3.0	#2 SN Observat	2	
0165.2M03004346+4430191	600	10:32	03:00:43.4	+44:30:19	300	90	3.0	#141 Mapping t	4	
0166.COMP	5	10:42	03:00:43.4	+44:30:19	300	90	3.0	#141 Mapping t	4	
0167.2M03024931+4437111	900	10:45	03:02:49.3	+44:37:11	300	90	3.0	#141 Mapping t	4	extended cloud coverage during exposure
0168.COMP	5	11:00	03:02:49.3	+44:37:11	300	90	3.0	#141 Mapping t	4	
0169.2M03044977+4126103	600	11:02	03:04:49.7	+41:26:10	300	90	3.0	#141 Mapping t	4	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0170.COMP	5	11:13	03:04:49.7	+41:26:10	300	90	3.0	#141 Mapping t	4	
0171.sn2005eo	1800	11:19	7:59:13.9	+32:55:19	300	46	3.0	#2 SN Observat	2	
0172.COMP	10	11:50	7:59:13.9	+32:55:19	300	46	3.0	#2 SN Observat	2	2 SNe on slit: 2005eo is NE of 2005en
0173.cvso-243564	400	11:55	05:36:13.2	-04:14:32	300	90	3.0	#112 Orion PMS	4	
0174.COMP	5	12:02	05:36:13.2	-04:14:32	300	90	3.0	#112 Orion PMS	4	
0175.cvso-267065	420	12:04	05:36:26.1	-03:13:55	300	90	3.0	#112 Orion PMS	4	
0176.COMP	5	12:11	05:36:26.1	-03:13:55	300	90	3.0	#112 Orion PMS	4	
0177.cvso-267899	420	12:13	05:37:17.6	-03:31:32	300	90	3.0	#112 Orion PMS	2	target at row 80
0178.COMP	5	12:21	05:37:17.6	-03:31:32	300	90	3.0	#112 Orion PMS	2	
0179.cvso-246483	300	12:25	05:37:24.2	-02:19:07	300	90	3.0	#112 Orion PMS	4	Exposure cut short because of noise
0180.COMP	5	12:30	05:37:24.2	-02:19:07	300	90	3.0	#112 Orion PMS	4	
0181-0190.BIAS	0	12:35	6:11:00	32:00:00	300	90	3.0	#141 Mapping t	4	
0191-0200.FLAT	8	12:39	6:11:00	32:00:00	300	90	3.0	#141 Mapping t	4	
0201-0210.BIAS	0	12:41	6:11:00	32:00:00	300	90	3.0	#141 Mapping t	2	
0211-0231.FLAT	16	12:51	6:11:00	32:00:00	300	90	3.0	#141 Mapping t	2	
0232.COMP	10	13:01	6:11:00	32:00:00	300	90	3.0	#141 Mapping t	2	
0233-0242.DARK	900	15:19	6:11:00	32:00:00	300	90	3.0	#141 Mapping t	4	
0243-0252.DARK	900	17:51	6:11:00	32:00:00	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>Bir</i>	<i>Comments</i>
0001.BIAS	0	0:33	6:11:00	32:00:00	300	90	3.0	#141 Mapping t	2	
0002.COMP	5	0:35	6:11:00	32:00:00	300	90	3.0	#141 Mapping t	2	
0003.COMP	5	0:37	6:11:00	32:00:00	300	90	3.0	#141 Mapping t	2	
0004.COMP	5	0:39	6:11:00	32:00:00	300	90	3.0	#141 Mapping t	2	
0005.COMP	5	0:40	6:11:00	32:00:00	300	90	3.0	#141 Mapping t	2	
0006.COMP	5	0:43	6:11:00	32:00:00	300	90	3.0	#141 Mapping t	2	
0007.COMP	5	0:44	6:11:00	32:00:00	300	90	3.0	#141 Mapping t	2	
0008.COMP	5	0:45	6:11:00	32:00:00	300	90	3.0	#141 Mapping t	2	
0009.COMP	5	0:48	6:11:00	32:00:00	300	90	3.0	#141 Mapping t	2	
0010.COMP	5	0:53	6:11:00	32:00:00	300	90	3.0	#141 Mapping t	2	
0011.COMP	5	1:02	6:11:00	32:00:00	300	90	3.0	#141 Mapping t	2	
0012.COMP	5	1:05	6:11:00	32:00:00	300	90	3.0	#141 Mapping t	4	
0013.COMP	5	1:07	6:11:00	32:00:00	300	90	3.0	#141 Mapping t	4	
0014-0023.BIAS	0	1:13	6:11:00	32:00:00	300	90	3.0	#141 Mapping t	4	
0024-0033.FLAT	8	1:16	6:11:00	32:00:00	300	90	3.0	#141 Mapping t	4	
0034-0043.BIAS	0	1:19	6:11:00	32:00:00	300	90	3.0	#141 Mapping t	2	
0044-0064.FLAT	16	1:29	6:11:00	32:00:00	300	90	3.0	#141 Mapping t	2	
0065.COMP	5	1:57	6:11:00	32:00:00	300	90	3.0	#141 Mapping t	4	
0066.2M18025184+4853572	360	2:14	18:02:51.8	+48:53:57	300	90	3.0	#141 Mapping t	4	
0067.COMP	5	2:20	18:02:51.8	+48:53:57	300	90	3.0	#141 Mapping t	4	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0068.2M18033046+4747452	360	2:21	18:03:30.4	+47:47:45	300	90	3.0	#141 Mapping t	4	
0069.COMP	5	2:28	18:03:30.4	+47:47:45	300	90	3.0	#141 Mapping t	4	
0070.2M18035014+4315293	480	2:30	18:03:50.1	+43:15:29	300	90	3.0	#141 Mapping t	4	
0071.COMP	5	2:38	18:03:50.1	+43:15:29	300	90	3.0	#141 Mapping t	4	
0072.2M18044405+4616544	480	2:40	18:04:44.0	+46:16:54	300	90	3.0	#141 Mapping t	4	
0073.COMP	5	2:48	18:04:44.0	+46:16:54	300	90	3.0	#141 Mapping t	4	
0074.2M18050930+4743305	420	2:49	18:05:09.3	+47:43:30	300	90	3.0	#141 Mapping t	4	
0075.COMP	5	2:57	18:05:09.3	+47:43:30	300	90	3.0	#141 Mapping t	4	
0076.2M18074477+4646177	420	2:58	18:07:44.7	+46:46:17	300	90	3.0	#141 Mapping t	4	
0077.COMP	5	3:06	18:07:44.7	+46:46:17	300	90	3.0	#141 Mapping t	4	
0078.6X576821	600	3:07	19:53:30.8	+50:06:14	300	90	3.0	#141 Mapping t	4	
0079.COMP	5	3:18	19:53:30.8	+50:06:14	300	90	3.0	#141 Mapping t	4	
0080.6X576852	900	3:21	19:54:22.7	+50:41:03	300	90	3.0	#141 Mapping t	4	
0081.COMP	5	3:36	19:54:22.7	+50:41:03	300	90	3.0	#141 Mapping t	4	
0082.6X587715	720	3:38	19:54:41.1	+50:35:34	300	90	3.0	#141 Mapping t	4	
0083.COMP	5	3:51	19:54:41.1	+50:35:34	300	90	3.0	#141 Mapping t	4	
0084.6X587769	900	3:52	19:55:01.4	+50:09:00	300	90	3.0	#141 Mapping t	4	
0085.COMP	5	4:08	19:55:01.4	+50:09:00	300	90	3.0	#141 Mapping t	4	
0086.6X587732	900	4:10	19:55:04.4	+50:49:44	300	90	3.0	#141 Mapping t	4	
0087.COMP	5	4:26	19:55:04.4	+50:49:44	300	90	3.0	#141 Mapping t	4	



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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0088.6X587770	900	4:28	19:55:11.8	+49:59:48	300	90	3.0	#141 Mapping t	4	
0089.COMP	5	4:43	19:55:11.8	+49:59:48	300	90	3.0	#141 Mapping t	4	
0090.BDp284211	90	4:48	21:51:11.1	28:51:53	300	66	3.0	#56 Spectropho	2	
0091.BDp284211	90	4:49	21:51:11.1	28:51:53	300	66	3.0	#56 Spectropho	2	
0092.BDp284211	90	4:51	21:51:11.1	28:51:53	300	66	3.0	#56 Spectropho	2	
0093.COMP	10	4:53	21:51:11.1	28:51:53	300	66	3.0	#56 Spectropho	2	
0094.BDp174708	45	4:55	22:11:31.4	18:05:33	300	20	3.0	#56 Spectropho	2	
0095.BDp174708	45	4:56	22:11:31.4	18:05:33	300	20	3.0	#56 Spectropho	2	
0096.BDp174708	45	4:57	22:11:31.4	18:05:33	300	20	3.0	#56 Spectropho	2	
0097.COMP	5	4:59	22:11:31.4	18:05:33	300	20	3.0	#56 Spectropho	2	
0098.COMP	10	4:59	22:11:31.4	18:05:33	300	20	3.0	#56 Spectropho	2	
0099.N7331	180	5:03	22:34:46.9	+34:09:43	300	90	3.0	#57 Velocity S	2	
0100.COMP	10	5:06	22:34:46.9	+34:09:43	300	90	3.0	#57 Velocity S	2	
0101.Akn564	180	5:10	22:42:39.4	+29:43:31	300	90	3.0	#6 AGN Monitor	4	
0102.Akn564	180	5:13	22:42:39.4	+29:43:31	300	90	3.0	#6 AGN Monitor	4	
0103.COMP	5	5:16	22:42:39.4	+29:43:31	300	90	3.0	#6 AGN Monitor	4	
0104.MRK335	150	5:18	00:06:19.6	+20:12:11	300	90	3.0	#6 AGN Monitor	4	
0105.MRK335	150	5:21	00:06:19.6	+20:12:11	300	90	3.0	#6 AGN Monitor	4	
0106.COMP	5	5:24	00:06:19.6	+20:12:11	300	90	3.0	#6 AGN Monitor	4	
0107.MRK335	150	5:25	00:06:19.6	+20:12:11	300	90	3.0	#6 AGN Monitor	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0108.MRK335	150	5:28	00:06:19.6	+20:12:11	300	90	3.0	#6 AGN Monitor	2	
0109.COMP	10	5:33	00:06:19.6	+20:12:11	300	90	3.0	#6 AGN Monitor	2	
0110.COMP	10	5:40	00:00:00	32:00:00	600	90	2.0	#6 AGN Monitor	4	
0111-0120.FLAT	24	5:46	00:00:00	32:00:00	600	90	2.0	#6 AGN Monitor	4	
0121.COMP	10	5:47	00:00:00	32:00:00	600	90	2.0	#6 AGN Monitor	4	
0122.BDp284211	90	5:50	21:51:11.1	28:51:53	600	90	2.0	#56 Spectropho	4	
0123.BDp284211	90	5:51	21:51:11.1	28:51:53	600	90	2.0	#56 Spectropho	4	
0124.COMP	10	5:54	21:51:11.1	28:51:53	600	90	2.0	#56 Spectropho	4	
0125.hs3794	160	5:56	0:15:33.8	-8:04:49	600	90	2.0	#122 Halo Star	4	
0126.COMP	10	5:59	0:15:33.8	-8:04:49	600	90	2.0	#122 Halo Star	4	
0127.hs3795	260	6:00	0:16:33.0	-4:10:36	600	90	2.0	#122 Halo Star	4	
0128.COMP	10	6:05	0:16:33.0	-4:10:36	600	90	2.0	#122 Halo Star	4	
0129.hs3796	500	6:07	0:17:22.7	-3:41:30	600	90	2.0	#122 Halo Star	4	
0130.COMP	10	6:16	0:17:22.7	-3:41:30	600	90	2.0	#122 Halo Star	4	
0131.hs3797	720	6:17	0:17:33.0	-8:46:05	600	90	2.0	#122 Halo Star	4	
0132.COMP	10	6:29	0:17:33.0	-8:46:05	600	90	2.0	#122 Halo Star	4	
0133.hs3798	180	6:31	0:18:03.8	-5:17:34	600	90	2.0	#122 Halo Star	4	
0134.COMP	10	6:35	0:18:03.8	-5:17:34	600	90	2.0	#122 Halo Star	4	
0135.hs3799	180	6:36	0:19:55.7	-6:14:50	600	90	2.0	#122 Halo Star	4	
0136.COMP	10	6:39	0:19:55.7	-6:14:50	600	90	2.0	#122 Halo Star	4	

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0137.hs3800	180	6:40	0:20:01.3	-9:36:34	600	90	2.0	#122 Halo Star	4	
0138.COMP	10	6:43	0:20:01.3	-9:36:34	600	90	2.0	#122 Halo Star	4	
0139.hs3801	600	6:45	0:21:03.3	-3:01:58	600	90	2.0	#122 Halo Star	4	
0140.COMP	10	6:55	0:21:03.3	-3:01:58	600	90	2.0	#122 Halo Star	4	
0141.hs3802	600	6:56	0:22:32.3	-2:08:54	600	90	2.0	#122 Halo Star	4	
0142.COMP	10	7:07	0:22:32.3	-2:08:54	600	90	2.0	#122 Halo Star	4	
0143.hs3725	300	7:23	3:12:06.2	3:42:56	600	90	2.0	#122 Halo Star	4	
0144.COMP	10	7:29	3:12:06.2	3:42:56	600	90	2.0	#122 Halo Star	4	
0145.hs3726	240	7:30	3:14:39.9	4:26:58	600	90	2.0	#122 Halo Star	4	
0146.COMP	10	7:35	3:14:39.9	4:26:58	600	90	2.0	#122 Halo Star	4	
0147.hs3727	400	7:36	3:15:21.6	3:56:15	600	90	2.0	#122 Halo Star	4	
0148.COMP	10	7:43	3:15:21.6	3:56:15	600	90	2.0	#122 Halo Star	4	
0149.hs3728	180	7:45	3:17:14.5	4:02:02	600	90	2.0	#122 Halo Star	4	
0150.COMP	10	7:48	3:17:14.5	4:02:02	600	90	2.0	#122 Halo Star	4	
0151.hs3729	220	7:50	3:17:24.6	2:13:29	600	90	2.0	#122 Halo Star	4	
0152.COMP	10	7:54	3:17:24.6	2:13:29	600	90	2.0	#122 Halo Star	4	
0153.hs3730	360	7:57	3:18:53.4	3:25:34	600	90	2.0	#122 Halo Star	4	
0154.COMP	10	8:03	3:18:53.4	3:25:34	600	90	2.0	#122 Halo Star	4	
0155.hs3655	540	8:05	3:27:27.3	9:26:09	600	90	2.0	#122 Halo Star	4	
0156.COMP	10	8:15	3:27:27.3	9:26:09	600	90	2.0	#122 Halo Star	4	

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0157.hs3656	520	8:16	3:27:29.8	12:02:16	600	90	2.0	#122 Halo Star	4	
0158.COMP	10	8:25	3:27:29.8	12:02:16	600	90	2.0	#122 Halo Star	4	
0159.hs3657	280	8:26	3:27:56.7	11:46:37	600	90	2.0	#122 Halo Star	4	
0160.COMP	10	8:31	3:27:56.7	11:46:37	600	90	2.0	#122 Halo Star	4	
0161.COMP	5	8:38	2:55:00	32:00:00	300	90	3.0	#122 Halo Star	2	
0162.COMP	5	8:40	2:55:00	32:00:00	300	90	3.0	#122 Halo Star	2	
0163.COMP	10	8:41	2:55:00	32:00:00	300	90	3.0	#122 Halo Star	2	
0164.sn2005eu	1200	8:49	02:27:43.2	+28:10:36	300	23	3.0	#2 SN Observat	2	
0165.COMP	10	9:09	02:27:43.2	+28:10:36	300	23	3.0	#2 SN Observat	2	
0166.sn2005eq	1200	9:14	3:08:49.3	-07:01:59	300	-3	3.0	#2 SN Observat	2	
0167.COMP	10	9:35	3:08:49.3	-07:01:59	300	-3	3.0	#2 SN Observat	2	
0168.2M03081455+2733375	420	9:40	03:08:14.5	+27:33:37	300	89	3.0	#141 Mapping t	4	
0169.COMP	5	9:48	03:08:14.5	+27:33:37	300	89	3.0	#141 Mapping t	4	
0170.2M03084672+4137259	480	9:49	03:08:46.7	+41:37:26	300	89	3.0	#141 Mapping t	4	
0171.COMP	5	9:58	03:08:46.7	+41:37:26	300	89	3.0	#141 Mapping t	4	
0172.2M03092155+4249517	480	9:59	03:09:21.5	+42:49:51	300	89	3.0	#141 Mapping t	4	
0173.COMP	5	10:08	03:09:21.5	+42:49:51	300	89	3.0	#141 Mapping t	4	
0174.2M03122624+4151318	420	10:09	03:12:26.2	+41:51:31	300	89	3.0	#141 Mapping t	4	
0175.COMP	5	10:17	03:12:26.2	+41:51:31	300	89	3.0	#141 Mapping t	4	
0176.cvso-246635	540	10:20	05:37:31.5	-02:24:26	300	89	3.0	#112 Orion PMS	4	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0177.COMP	5	10:29	05:37:31.5	-02:24:26	300	89	3.0	#112 Orion PMS	4	
0178.cvso-244704	480	10:31	05:37:38.3	-04:13:12	300	89	3.0	#112 Orion PMS	4	
0179.COMP	5	10:39	05:37:38.3	-04:13:12	300	89	3.0	#112 Orion PMS	4	
0180.cvso-268578	300	10:41	05:37:55.1	-03:09:00	300	89	3.0	#112 Orion PMS	4	
0181.COMP	5	10:46	05:37:55.1	-03:09:00	300	89	3.0	#112 Orion PMS	4	
0182.cvso-244926	420	10:48	05:37:55.3	-03:48:34	300	89	3.0	#112 Orion PMS	4	
0183.COMP	5	10:55	05:37:55.3	-03:48:34	300	89	3.0	#112 Orion PMS	4	
0184.cvso-247250	480	11:02	05:38:02.6	-02:04:44	300	89	3.0	#112 Orion PMS	4	
0185.COMP	5	11:10	05:38:02.6	-02:04:44	300	89	3.0	#112 Orion PMS	4	
0186.cvso-267755	480	11:11	05:38:13.1	-02:45:51	300	89	3.0	#112 Orion PMS	4	
0187.COMP	5	11:20	05:38:13.1	-02:45:51	300	89	3.0	#112 Orion PMS	4	
0188.sn2005e1	1200	11:24	05:11:48.7	+05:11:39	300	2	3.0	#2 SN Observat	2	
0189.COMP	10	11:44	05:11:48.7	+05:11:39	300	2	3.0	#2 SN Observat	2	
0190.cvso-245254	300	11:49	05:38:18.0	-04:15:49	300	90	3.0	#112 Orion PMS	4	
0191.COMP	5	11:55	05:38:18.0	-04:15:49	300	90	3.0	#112 Orion PMS	4	
0192.cvso-267882	480	11:57	05:38:19.8	-02:36:38	300	90	3.0	#112 Orion PMS	4	
0193.COMP	5	12:06	05:38:19.8	-02:36:38	300	90	3.0	#112 Orion PMS	4	
0194.cvso-269015	420	12:07	05:38:21.3	-03:13:37	300	90	3.0	#112 Orion PMS	4	
0195.COMP	5	12:14	05:38:21.3	-03:13:37	300	90	3.0	#112 Orion PMS	4	
0196.cvso-247705	480	12:16	05:38:25.5	-02:10:23	300	90	3.0	#112 Orion PMS	4	

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0197.COMP	5	12:25	05:38:25.5	-02:10:23	300	90	3.0	#112 Orion PMS	4	
0198.BIAS	0	12:51	06:40:00	32:00:00	300	90	3.0	#122 Halo Star	4	
0199.sky	10	12:52	06:40:00	32:00:00	300	90	3.0	#122 Halo Star	4	
0200-0201.sky	25	12:56	06:40:00	32:00:00	300	90	3.0	#122 Halo Star	4	
0202.sky	20	12:57	06:40:00	32:00:00	300	90	3.0	#122 Halo Star	4	
0203.sky	15	12:57	06:40:00	32:00:00	300	90	3.0	#122 Halo Star	4	
0204-0205.sky	12	12:58	06:40:00	32:00:00	300	90	3.0	#122 Halo Star	4	
0206.COMP	5	12:59	06:40:00	32:00:00	300	90	3.0	#122 Halo Star	4	
0207-0216.BIAS	0	13:12	06:40:00	32:00:00	300	90	3.0	#122 Halo Star	4	
0217-0226.FLAT	8	13:15	06:40:00	32:00:00	300	90	3.0	#122 Halo Star	4	
0227-0236.BIAS	0	13:17	06:40:00	32:00:00	300	90	3.0	#122 Halo Star	2	
0237-0257.FLAT	16	13:28	06:40:00	32:00:00	300	90	3.0	#122 Halo Star	2	
0259.COMP	5	13:32	07:13:15.9	+31:30:23	300	90	3.0	#122 Halo Star	4	
0260.DARK	900	13:33	07:29:11.0	+31:30:30	300	90	3.0	#122 Halo Star	4	
0261.DARK	900	13:48	07:44:22.9	+31:30:37	300	90	3.0	#122 Halo Star	4	
0262.DARK	900	14:03	07:59:38.1	+31:30:44	300	90	3.0	#122 Halo Star	4	
0263.DARK	900	14:18	08:14:50.1	+31:30:50	300	90	3.0	#122 Halo Star	4	
0264.DARK	900	14:34	08:30:01.7	+31:30:57	300	90	3.0	#122 Halo Star	4	
0265.DARK	900	14:49	08:45:13.7	+31:31:03	300	90	3.0	#122 Halo Star	4	
0266.DARK	900	15:04	09:00:29.1	+31:31:08	300	90	3.0	#122 Halo Star	4	

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0267.DARK	900	15:19	09:15:40.9	+31:31:14	300	90	3.0	#122 Halo Star	4	
0268.DARK	900	15:34	09:30:52.6	+31:31:18	300	90	3.0	#122 Halo Star	4	
0269.DARK	900	15:49	09:46:08.1	+31:31:23	300	90	3.0	#122 Halo Star	4	
0270.DARK	900	16:05	10:01:20.1	+31:31:27	300	90	3.0	#122 Halo Star	2	
0271.DARK	900	16:20	10:16:40.0	+31:31:31	300	90	3.0	#122 Halo Star	2	
0272.DARK	900	16:35	10:31:56.5	+31:31:34	300	90	3.0	#122 Halo Star	2	
0273.DARK	900	16:50	10:47:12.9	+31:31:36	300	90	3.0	#122 Halo Star	2	
0274.DARK	900	17:06	11:02:32.8	+31:31:38	300	90	3.0	#122 Halo Star	2	
0275.DARK	900	17:21	11:17:49.2	+31:31:40	300	90	3.0	#122 Halo Star	2	
0276.DARK	900	17:36	11:33:09.2	+31:31:41	300	90	3.0	#122 Halo Star	2	
0277-0279.DARK	900	18:22	12:19:02.2	+31:31:42	300	90	3.0	#122 Halo Star	2	

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0001.BIAS	0	0:26	18:09:29.1	+31:29:41	300	90	3.0	#122 Halo Star	2	
0002.COMP	5	0:28	18:10:47.2	+31:29:40	300	90	3.0	#122 Halo Star	2	
0003.COMP	5	0:29	18:11:52.1	+31:29:39	300	90	3.0	#122 Halo Star	4	
0004-0012.BIAS	0	0:32	18:15:33.9	+31:29:38	300	90	3.0	#122 Halo Star	4	
0013.BIAS	0	0:32	18:15:42.3	+31:29:37	300	90	3.0	#122 Halo Star	4	
0014-0018.FLAT	8	0:34	18:17:26.3	+31:29:37	300	90	3.0	#122 Halo Star	4	
0019-0023.FLAT	8	0:36	18:19:06.4	+31:29:36	300	90	3.0	#122 Halo Star	4	
0024.BIAS	0	0:36	18:19:23.6	+31:29:36	300	90	3.0	#122 Halo Star	2	
0025-0033.BIAS	0	0:38	18:21:16.9	+31:29:35	300	90	3.0	#122 Halo Star	2	
0034-0037.FLAT	16	0:40	18:23:27.0	+31:29:34	300	90	3.0	#122 Halo Star	2	
0038-0041.FLAT	16	0:42	18:25:28.3	+31:29:33	300	90	3.0	#122 Halo Star	2	
0042-0044.FLAT	16	0:43	18:26:59.5	+31:29:32	300	90	3.0	#122 Halo Star	2	
0045-0048.FLAT	16	0:46	18:29:00.9	+31:29:31	300	90	3.0	#122 Halo Star	2	
0049-0052.FLAT	16	0:48	18:31:02.4	+31:29:30	300	90	3.0	#122 Halo Star	2	
0053-0054.FLAT	16	0:49	18:32:03.2	+31:29:29	300	90	3.0	#122 Halo Star	2	
0055.COMP	10	0:58	18:41:23.2	+31:29:24	300	90	3.0	#122 Halo Star	2	
0056.COMP	5	1:03	18:46:09.1	+31:29:22	300	90	3.0	#122 Halo Star	4	
0057.2M18084760+4850494	360	2:48	18:08:47.6	+48:50:49	300	90	3.0	#141 Mapping t	4	
0058.COMP	5	2:55	18:08:47.6	+48:50:49	300	90	3.0	#141 Mapping t	4	
0059.2M18081610+5121443	360	2:57	18:08:16.1	+51:21:44	300	90	3.0	#141 Mapping t	4	



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0060.COMP	5	3:04	18:08:16.1	+51:21:44	300	90	3.0	#141 Mapping t	4	
0061.2M18104936+5352599	420	3:07	18:10:49.3	+53:52:59	300	90	3.0	#141 Mapping t	4	
0062.COMP	5	3:14	18:10:49.3	+53:52:59	300	90	3.0	#141 Mapping t	4	
0063.2M18120073+4229059	420	3:21	18:12:00.7	+42:29:05	300	90	3.0	#141 Mapping t	4	
0064.COMP	5	3:29	18:12:00.7	+42:29:05	300	90	3.0	#141 Mapping t	4	
0065.2M18135066+4721149	360	3:30	18:13:50.6	+47:21:14	300	90	3.0	#141 Mapping t	4	
0066.COMP	5	3:37	18:13:50.6	+47:21:14	300	90	3.0	#141 Mapping t	4	
0067.2M18131637+5706240	300	3:38	18:13:16.3	+57:06:24	300	90	3.0	#141 Mapping t	4	
0068.COMP	5	3:43	18:13:16.3	+57:06:24	300	90	3.0	#141 Mapping t	4	
0069.2M18134814+5704069	600	3:46	18:13:48.1	+57:04:06	300	90	3.0	#141 Mapping t	4	Extended cloud coverage
0070.COMP	5	3:56	18:13:48.1	+57:04:06	300	90	3.0	#141 Mapping t	4	
0071.6X576788	600	4:21	19:53:44.0	+50:44:20	300	45	3.0	#141 Mapping t	4	
0072.COMP	5	4:31	19:53:44.0	+50:44:20	300	45	3.0	#141 Mapping t	4	
0074.BDp284211	90	4:38	21:51:11.1	28:51:53	300	65	3.0	#56 Spectropho	2	
0075.BDp284211	90	4:42	21:51:11.1	28:51:53	300	65	3.0	#56 Spectropho	2	
0076.BDp284211	90	4:43	21:51:11.1	28:51:53	300	65	3.0	#56 Spectropho	2	
0077.COMP	10	4:45	21:51:11.1	28:51:53	300	65	3.0	#56 Spectropho	2	
0078.COMP	10	5:02	22:11:31.4	18:05:33	300	25	3.0	#56 Spectropho	2	
0079.BDp174708	45	5:02	22:11:31.4	18:05:33	300	25	3.0	#56 Spectropho	2	
0080.BDp174708	45	5:03	22:11:31.4	18:05:33	300	25	3.0	#56 Spectropho	2	

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0081.BDp174708	45	5:04	22:11:31.4	18:05:33	300	25	3.0	#56 Spectropho	2	
0082.COMP	10	5:06	22:11:31.4	18:05:33	300	25	3.0	#56 Spectropho	2	
0083.COMP	10	5:11	22:34:46.9	+34:09:43	300	90	3.0	#57 Velocity S	2	
0084.N7331	240	5:12	22:34:46.9	+34:09:43	300	90	3.0	#57 Velocity S	2	
0085.COMP	10	5:16	22:34:46.9	+34:09:43	300	90	3.0	#57 Velocity S	2	
0086.N7469	120	5:21	23:03:15.7	+08:52:27	300	80	3.0	#6 AGN Monitor	2	
0087.N7469	120	5:23	23:03:15.7	+08:52:27	300	80	3.0	#6 AGN Monitor	2	
0088.COMP	10	5:26	23:03:15.7	+08:52:27	300	80	3.0	#6 AGN Monitor	2	
0089.COMP	10	5:31	23:55:00	32:00:00	600	80	2.0	#6 AGN Monitor	4	
0090-0099.FLAT	24	5:38	23:55:00	32:00:00	600	80	2.0	#6 AGN Monitor	4	
0100.COMP	10	5:45	23:37:33.7	+46:27:33	600	90	2.0	#122 Halo Star	4	
0101.hs3803	140	5:49	0:23:24.2	-8:00:39	600	90	2.0	#122 Halo Star	4	
0102.COMP	10	5:51	0:23:24.2	-8:00:39	600	90	2.0	#122 Halo Star	4	
0103.BDp284211	90	5:54	21:51:11.1	28:51:53	600	90	2.0	#56 Spectropho	4	
0104.BDp284211	90	5:55	21:51:11.1	28:51:53	600	90	2.0	#56 Spectropho	4	
0105.COMP	10	5:57	21:51:11.1	28:51:53	600	90	2.0	#56 Spectropho	4	
0106.hs3804	140	5:59	0:23:26.3	-2:07:43	600	90	2.0	#122 Halo Star	4	
0107.COMP	10	6:02	0:23:26.3	-2:07:43	600	90	2.0	#122 Halo Star	4	
0108.hs3805	220	6:03	0:23:28.1	-4:15:34	600	90	2.0	#122 Halo Star	4	
0109.COMP	10	6:07	0:23:28.1	-4:15:34	600	90	2.0	#122 Halo Star	4	

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0110.hs3806	600	6:09	0:24:26.0	-8:14:20	600	90	2.0	#122 Halo Star	4	
0111.COMP	10	6:19	0:24:26.0	-8:14:20	600	90	2.0	#122 Halo Star	4	
0112.hs3807	800	6:22	0:25:43.9	-8:08:19	600	90	2.0	#122 Halo Star	4	
0113.COMP	10	6:35	0:25:43.9	-8:08:19	600	90	2.0	#122 Halo Star	4	
0114.hs3808	680	6:37	0:27:17.7	-5:16:43	600	90	2.0	#122 Halo Star	4	
0115.COMP	10	6:48	0:27:17.7	-5:16:43	600	90	2.0	#122 Halo Star	4	
0116.hs3809	220	6:50	0:28:02.1	-4:27:07	600	90	2.0	#122 Halo Star	4	
0117.COMP	10	6:54	0:28:02.1	-4:27:07	600	90	2.0	#122 Halo Star	4	
0118.hs3810	400	6:55	0:28:27.9	-4:26:21	600	90	2.0	#122 Halo Star	4	
0119.COMP	10	7:02	0:28:27.9	-4:26:21	600	90	2.0	#122 Halo Star	4	
0120.hs3811	460	7:04	0:28:45.0	-5:58:44	600	90	2.0	#122 Halo Star	4	
0121.COMP	10	7:12	0:28:45.0	-5:58:44	600	90	2.0	#122 Halo Star	4	
0122.hs3658	400	7:16	3:28:15.8	8:36:12	600	90	2.0	#122 Halo Star	4	
0123.COMP	10	7:23	3:28:15.8	8:36:12	600	90	2.0	#122 Halo Star	4	
0124.hs3659	500	7:24	3:28:57.2	12:12:13	600	90	2.0	#122 Halo Star	4	
0125.COMP	10	7:33	3:28:57.2	12:12:13	600	90	2.0	#122 Halo Star	4	
0126.hs3660	540	7:34	3:31:16.7	6:41:57	600	90	2.0	#122 Halo Star	4	
0127.COMP	10	7:44	3:31:16.7	6:41:57	600	90	2.0	#122 Halo Star	4	
0128.hs3661	200	7:45	3:31:22.4	5:43:51	600	90	2.0	#122 Halo Star	4	
0129.COMP	10	7:49	3:31:22.4	5:43:51	600	90	2.0	#122 Halo Star	4	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0130.hs3662	220	7:50	3:31:50.2	6:48:04	600	90	2.0	#122 Halo Star	4	
0131.COMP	10	7:54	3:31:50.2	6:48:04	600	90	2.0	#122 Halo Star	4	
0132.hs3663	210	7:55	3:32:15.8	5:32:27	600	90	2.0	#122 Halo Star	4	
0133.COMP	10	7:59	3:32:15.8	5:32:27	600	90	2.0	#122 Halo Star	4	
0134.hs3664	660	8:01	3:32:32.5	7:50:25	600	90	2.0	#122 Halo Star	4	
0135.COMP	10	8:12	3:32:32.5	7:50:25	600	90	2.0	#122 Halo Star	4	
0136.hs3665	200	8:13	3:32:49.9	7:46:14	600	90	2.0	#122 Halo Star	4	
0137.COMP	10	8:17	3:32:49.9	7:46:14	600	90	2.0	#122 Halo Star	4	
0138.hs3666	360	8:21	3:33:45.5	9:42:16	600	90	2.0	#122 Halo Star	4	
0139.COMP	10	8:27	3:33:45.5	9:42:16	600	90	2.0	#122 Halo Star	4	
0140.COMP	5	8:32	2:50:00	32:00:00	300	90	3.0	#122 Halo Star	4	
0141.sn2005M006	1800	8:38	02:30:27.2	-09:16:10	300	0	3.0	#2 SN Observat	2	
0142.COMP	10	9:08	02:30:27.2	-09:16:10	300	0	3.0	#2 SN Observat	2	
0143.sn2005ek	1800	9:19	03:05:48.9	+36:46:10	300	-12	3.0	#2 SN Observat	2	
0144.COMP	10	9:49	03:05:48.9	+36:46:10	300	-12	3.0	#2 SN Observat	2	
0145.cvso-247790	480	9:56	05:38:29.1	-02:16:15	300	90	3.0	#112 Orion PMS	4	
0146.COMP	5	10:05	05:38:29.1	-02:16:15	300	90	3.0	#112 Orion PMS	4	
0147.cvso-245485	360	10:08	05:38:33.1	-04:04:46	300	90	3.0	#112 Orion PMS	4	
0148.COMP	5	10:14	05:38:33.1	-04:04:46	300	90	3.0	#112 Orion PMS	4	
0149.cvso-268368	420	10:16	05:38:39.8	-02:56:46	300	90	3.0	#112 Orion PMS	4	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0150.COMP	5	10:24	05:38:39.8	-02:56:46	300	90	3.0	#112 Orion PMS	4	
0151.cvso-269371	420	10:25	05:38:44.5	-03:35:37	300	90	3.0	#112 Orion PMS	4	
0152.COMP	5	10:33	05:38:44.5	-03:35:37	300	90	3.0	#112 Orion PMS	4	
0153.cvso-245684	480	10:34	05:38:48.3	-04:06:44	300	90	3.0	#112 Orion PMS	4	
0154.COMP	5	10:42	05:38:48.3	-04:06:44	300	90	3.0	#112 Orion PMS	4	
0155.cvso-248064	240	10:44	05:38:49.9	-02:04:05	300	90	3.0	#112 Orion PMS	4	
0156.COMP	5	10:49	05:38:49.9	-02:04:05	300	90	3.0	#112 Orion PMS	4	
0157.cvso-268580	420	10:50	05:38:52.0	-02:46:43	300	90	3.0	#112 Orion PMS	4	
0158.COMP	5	10:57	05:38:52.0	-02:46:43	300	90	3.0	#112 Orion PMS	4	
0159.cvso-248135	360	11:00	05:39:01.3	-02:18:27	300	90	3.0	#112 Orion PMS	4	
0160.COMP	5	11:06	05:39:01.3	-02:18:27	300	90	3.0	#112 Orion PMS	4	
0161.cvso-248154	480	11:13	05:39:04.0	-01:54:57	300	90	3.0	#112 Orion PMS	4	
0162.COMP	5	11:22	05:39:04.0	-01:54:57	300	90	3.0	#112 Orion PMS	4	
0163.sn2005eo	1800	11:33	7:59:13.9	+32:55:19	300	100	3.0	#2 SN Observat	2	
0164.COMP	10	12:03	7:59:13.9	+32:55:19	300	100	3.0	#2 SN Observat	2	
0165.cvso-268729	420	12:07	05:39:05.4	-02:32:30	300	90	3.0	#112 Orion PMS	4	
0166.COMP	5	12:15	05:39:05.4	-02:32:30	300	90	3.0	#112 Orion PMS	4	
0167.cvso-268762	480	12:17	05:39:08.5	-02:51:46	300	90	3.0	#112 Orion PMS	4	
0168.COMP	5	12:25	05:39:08.5	-02:51:46	300	90	3.0	#112 Orion PMS	4	
0169-0178.BIAS	0	12:29	05:39:08.5	-02:51:46	300	90	3.0	#122 Halo Star	4	

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0179-0188.FLAT	8	12:32	05:39:08.5	-02:51:46	300	90	3.0	#122 Halo Star	4	
0189-0198.BIAS	0	12:35	05:39:08.5	-02:51:46	300	90	3.0	#122 Halo Star	2	
0199-0219.FLAT	16	12:45	05:39:08.5	-02:51:46	300	90	3.0	#122 Halo Star	2	
0220.COMP	10	12:55	05:39:08.5	-02:51:46	300	90	3.0	#122 Halo Star	2	
0221.sky	3	13:02	6:45:00	31:30:00	300	90	3.0	#122 Halo Star	2	
0222.sky	10	13:02	6:45:00	31:30:00	300	90	3.0	#122 Halo Star	2	
0223.sky	12	13:03	6:45:00	31:30:00	300	90	3.0	#122 Halo Star	2	
0224-0225.sky	10	13:04	6:45:00	31:30:00	300	90	3.0	#122 Halo Star	2	
0226-0227.sky	7	13:05	6:45:00	31:30:00	300	90	3.0	#122 Halo Star	2	
0228.COMP	10	13:05	6:45:00	31:30:00	300	90	3.0	#122 Halo Star	2	
0229-0238.DARK	900	15:24	6:45:00	31:30:00	300	90	3.0	#122 Halo Star	4	
0239-0248.DARK	900	17:56	6:45:00	31:30:00	300	90	3.0	#122 Halo Star	2	

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0001.BIAS	0	0:22	17:15:01.9	+24:50:22	300	90	3.0	#122 Halo Star	2	
0002.COMP	5	0:30	17:15:01.9	+24:50:22	300	90	3.0	#122 Halo Star	4	
0003-0012.BIAS	0	1:00	17:15:01.9	+24:50:22	300	90	3.0	#122 Halo Star	4	
0013-0022.FLAT	8	1:04	17:15:01.9	+24:50:22	300	90	3.0	#122 Halo Star	4	
0023-0032.BIAS	0	1:06	17:15:01.9	+24:50:22	300	90	3.0	#122 Halo Star	2	
0033-0053.FLAT	16	1:16	17:15:01.9	+24:50:22	300	90	3.0	#122 Halo Star	2	
0054.COMP	10	1:21	18:55:00	32:00:00	300	90	3.0	#57 Velocity S	2	
0055.sky	5	1:24	18:55:00	32:00:00	300	90	3.0	#57 Velocity S	2	
0056.sky	5	1:24	18:55:00	32:00:00	300	90	3.0	#57 Velocity S	4	
0057.COMP.ms	5	1:10	2:10:00	32:00:00	300	90	3.0	#57 Velocity S	1	
0057.sky	20	1:25	18:55:00	32:00:00	300	90	3.0	#57 Velocity S	4	
0058-0059.sky	40	1:26	18:55:00	32:00:00	300	90	3.0	#57 Velocity S	4	
0060.sky	60	1:27	18:55:00	32:00:00	300	90	3.0	#57 Velocity S	4	
0061.sky	80	1:28	18:55:00	32:00:00	300	90	3.0	#57 Velocity S	4	
0062.COMP	5	1:30	18:55:00	32:00:00	300	90	3.0	#57 Velocity S	4	
0063.2M20010330+4056462	420	3:44	20:01:03.3	+40:56:46	300	90	3.0	#141 Mapping t	4	
0064.COMP	10	4:00	20:01:03.3	+40:56:46	300	90	3.0	#141 Mapping t	4	
0065.2M20021601+4437115	600	4:03	20:02:16.0	+44:37:11	300	90	3.0	#141 Mapping t	4	
0066.COMP	5	4:13	20:02:16.0	+44:37:11	300	90	3.0	#141 Mapping t	4	
0067.2M20021932+4651536	600	4:14	20:02:19.3	+46:51:53	300	90	3.0	#141 Mapping t	4	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0068.COMP	5	4:30	20:02:19.3	+46:51:53	300	90	3.0	#141 Mapping t	4	
0069.2M20030099+4055353	900	4:34	20:03:00.9	+40:55:35	300	90	3.0	#141 Mapping t	4	
0070.COMP	5	4:50	20:03:00.9	+40:55:35	300	90	3.0	#141 Mapping t	4	
0071.2M20040069+4156061	900	4:52	20:04:00.6	+41:56:06	300	90	3.0	#141 Mapping t	4	
0072.COMP	5	5:07	20:04:00.6	+41:56:06	300	90	3.0	#141 Mapping t	4	
0073.BDp284211	90	5:11	21:51:11.1	28:51:53	300	74	3.0	#56 Spectropho	2	
0074.BDp284211	90	5:12	21:51:11.1	28:51:53	300	74	3.0	#56 Spectropho	2	
0075.BDp284211	90	5:14	21:51:11.1	28:51:53	300	74	3.0	#56 Spectropho	2	
0076.COMP	10	5:16	21:51:11.1	28:51:53	300	74	3.0	#56 Spectropho	2	
0077.BDp174708	45	5:19	22:11:31.4	18:05:33	300	42	3.0	#56 Spectropho	2	
0078.BDp174708	45	5:20	22:11:31.4	18:05:33	300	42	3.0	#56 Spectropho	2	
0079.BDp174708	45	5:21	22:11:31.4	18:05:33	300	42	3.0	#56 Spectropho	2	
0080.COMP	10	5:22	22:11:31.4	18:05:33	300	42	3.0	#56 Spectropho	2	
0081.158m213	300	5:31	00:40:30.2	+40:50:55	300	70	3.0	#57 Velocity S	4	
0082.COMP	5	5:37	00:40:30.2	+40:50:55	300	70	3.0	#57 Velocity S	4	
0083.Akn564	180	5:39	22:42:39.4	+29:43:31	300	90	3.0	#6 AGN Monitor	2	
0084.Akn564	180	5:43	22:42:39.4	+29:43:31	300	90	3.0	#6 AGN Monitor	2	
0085.COMP	10	5:46	22:42:39.4	+29:43:31	300	90	3.0	#6 AGN Monitor	2	
0086.COMP	10	5:52	00:15:00	32:00:00	600	90	2.0	#6 AGN Monitor	2	
0087.COMP	5	5:54	00:15:00	32:00:00	600	90	2.0	#6 AGN Monitor	4	



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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0088.COMP	10	6:01	00:15:00	32:00:00	600	90	2.0	#6 AGN Monitor	4	
0089-0098.FLAT	24	6:07	00:15:00	32:00:00	600	90	2.0	#6 AGN Monitor	4	
0099.COMP	10	6:10	00:15:00	32:00:00	600	90	2.0	#6 AGN Monitor	4	
0100.hs3814	180	6:12	0:31:36.0	-4:54:58	600	90	2.0	#122 Halo Star	4	target at line 40
0101.COMP	10	6:15	0:31:36.0	-4:54:58	600	90	2.0	#122 Halo Star	4	
0102.hs3812	400	6:18	0:30:24.5	-4:06:16	600	90	2.0	#122 Halo Star	4	
0103.COMP	10	6:25	0:30:24.5	-4:06:16	600	90	2.0	#122 Halo Star	4	
0104.hs3813	540	6:31	0:31:21.4	-7:59:42	600	90	2.0	#122 Halo Star	4	
0105.COMP	10	6:41	0:31:21.4	-7:59:42	600	90	2.0	#122 Halo Star	4	
0106.hs3815	280	6:43	0:32:46.0	-9:46:31	600	90	2.0	#122 Halo Star	4	
0107.COMP	10	6:48	0:32:46.0	-9:46:31	600	90	2.0	#122 Halo Star	4	
0108.hs3816	240	6:49	0:33:00.9	-7:29:21	600	90	2.0	#122 Halo Star	4	
0109.COMP	10	6:53	0:33:00.9	-7:29:21	600	90	2.0	#122 Halo Star	4	
0110.hs3817	160	6:54	0:33:06.9	-2:50:17	600	90	2.0	#122 Halo Star	4	
0111.COMP	10	6:57	0:33:06.9	-2:50:17	600	90	2.0	#122 Halo Star	4	
0112.hs3818	720	6:59	0:34:53.5	-4:03:33	600	90	2.0	#122 Halo Star	4	
0113.COMP	10	7:12	0:34:53.5	-4:03:33	600	90	2.0	#122 Halo Star	4	
0114.hs3667	720	7:15	3:33:49.8	9:04:39	600	90	2.0	#122 Halo Star	4	
0115.COMP	10	7:28	3:33:49.8	9:04:39	600	90	2.0	#122 Halo Star	4	
0116.hs3668	720	7:30	3:33:51.7	11:06:12	600	90	2.0	#122 Halo Star	4	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0117.COMP	10	7:43	3:33:51.7	11:06:12	600	90	2.0	#122 Halo Star	4	
0118.hs3669	900	7:44	3:34:21.8	10:47:29	600	90	2.0	#122 Halo Star	4	
0119.COMP	10	7:59	3:34:21.8	10:47:29	600	90	2.0	#122 Halo Star	4	
0120.hs3670	900	8:03	3:34:57.1	8:50:51	600	90	2.0	#122 Halo Star	4	
0121.COMP	10	8:18	3:34:57.1	8:50:51	600	90	2.0	#122 Halo Star	4	
0122.hs3672	360	8:20	3:37:01.7	9:29:22	600	90	2.0	#122 Halo Star	4	
0123.COMP	10	8:26	3:37:01.7	9:29:22	600	90	2.0	#122 Halo Star	4	
0124.COMP	5	8:35	03:00:00	32:00:00	300	90	3.0	#122 Halo Star	4	
0125.COMP	5	8:37	03:00:00	32:00:00	300	90	3.0	#122 Halo Star	4	
0126.COMP	5	8:38	03:00:00	32:00:00	300	90	3.0	#122 Halo Star	4	
0127.sn2005eu	1200	8:46	02:27:43.2	+28:10:36	300	42	3.0	#2 SN Observat	2	
0128.COMP	10	9:06	02:27:43.2	+28:10:36	300	42	3.0	#2 SN Observat	2	
0129.sn2005ek	1800	9:12	03:05:48.9	+36:46:10	300	-16	3.0	#2 SN Observat	2	
0130.COMP	10	9:42	03:05:48.9	+36:46:10	300	-16	3.0	#2 SN Observat	2	
0131.sn2005eq	1800	9:47	3:08:49.3	-07:01:59	300	12	3.0	#2 SN Observat	2	
0132.COMP	10	10:17	3:08:49.3	-07:01:59	300	12	3.0	#2 SN Observat	2	
0133.2M04012200+3853147	900	10:23	04:01:21.9	+38:53:14	300	90	3.0	#141 Mapping t	4	
0134.COMP	5	10:39	04:01:21.9	+38:53:14	300	90	3.0	#141 Mapping t	4	
0135.2M04070499+2908443	1200	10:44	04:07:5.0	+29:08:44	300	90	3.0	#141 Mapping t	4	
0136.COMP	5	11:04	04:07:5.0	+29:08:44	300	90	3.0	#141 Mapping t	4	

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0137.2M04122150+3147001	720	11:07	04:12:21.4	+31:47:0	300	60	3.0	#141 Mapping t	4	
0138.COMP	5	11:19	04:12:21.4	+31:47:0	300	60	3.0	#141 Mapping t	4	
0139.2M04124111+3627303	540	11:22	04:12:41.1	+36:27:30	300	90	3.0	#141 Mapping t	4	
0140.COMP	5	11:31	04:12:41.1	+36:27:30	300	90	3.0	#141 Mapping t	4	
0141.cvso-248236	480	11:34	05:39:14.5	-02:19:36	300	90	3.0	#112 Orion PMS	4	
0142.COMP	5	11:42	05:39:14.5	-02:19:36	300	90	3.0	#112 Orion PMS	4	
0143.cvso-248263	300	11:43	05:39:16.5	-02:22:24	300	90	3.0	#112 Orion PMS	4	
0144.COMP	5	11:48	05:39:16.5	-02:22:24	300	90	3.0	#112 Orion PMS	4	
0145.cvso-246069	420	11:50	05:39:15.7	-04:09:56	300	90	3.0	#112 Orion PMS	4	
0146.COMP	5	11:57	05:39:15.7	-04:09:56	300	90	3.0	#112 Orion PMS	4	
0147.cvso-246110	300	11:58	05:39:18.3	-03:55:14	300	90	3.0	#112 Orion PMS	4	
0148.COMP	5	12:03	05:39:18.3	-03:55:14	300	90	3.0	#112 Orion PMS	4	
0149.cvso-248441	420	12:05	05:39:39.3	-02:17:04	300	90	3.0	#112 Orion PMS	4	
0150.COMP	5	12:12	05:39:39.3	-02:17:04	300	90	3.0	#112 Orion PMS	4	
0151.cvso-248554	420	12:13	05:39:54.2	-02:24:39	300	90	3.0	#112 Orion PMS	4	
0152.COMP	5	12:20	05:39:54.2	-02:24:39	300	90	3.0	#112 Orion PMS	4	
0153.cvso-248769	360	12:22	05:40:18.3	-02:12:43	300	90	3.0	#112 Orion PMS	4	
0154.COMP	5	12:28	05:40:18.3	-02:12:43	300	90	3.0	#112 Orion PMS	4	
0155.cvso-249275	180	12:29	05:41:24.5	-02:22:36	300	90	3.0	#112 Orion PMS	4	
0156.COMP	5	12:32	05:41:24.5	-02:22:36	300	90	3.0	#112 Orion PMS	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>Bir</i>	<i>Comments</i>
0157-0166.BIAS	0	12:36	05:41:24.5	-02:22:36	300	90	3.0	#112 Orion PMS	4	
0167-0176.FLAT	8	12:39	05:41:24.5	-02:22:36	300	90	3.0	#112 Orion PMS	4	
0177-0186.BIAS	0	12:41	05:41:24.5	-02:22:36	300	90	3.0	#112 Orion PMS	2	
0187-0207.FLAT	16	12:52	05:41:24.5	-02:22:36	300	90	3.0	#112 Orion PMS	2	
0208.COMP	10	12:59	05:41:24.5	-02:22:36	300	90	3.0	#112 Orion PMS	2	
0209-0218.DARK	900	15:27	05:41:24.5	-02:22:36	300	90	3.0	#112 Orion PMS	4	
0219-0228.DARK	900	18:00	05:41:24.5	-02:22:36	300	90	3.0	#112 Orion PMS	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0001.DARK	900	0:27	18:33:07.7	+31:29:29	300	90	3.0	#112 Orion PMS	4	
0002.DARK	900	0:42	18:48:15.0	+31:29:21	300	90	3.0	#112 Orion PMS	4	
0003.DARK	900	0:57	19:03:25.8	+31:29:14	300	90	3.0	#112 Orion PMS	4	
0004.DARK	900	1:12	19:18:33.2	+31:29:06	300	90	3.0	#112 Orion PMS	4	
0005-0014.BIAS	0	1:29	19:20:04.3	+31:29:06	300	90	3.0	#112 Orion PMS	4	
0015-0021.FLAT	8	1:31	19:22:14.4	+31:29:05	300	90	3.0	#112 Orion PMS	4	
0022-0024.FLAT	8	1:32	19:22:57.8	+31:29:04	300	90	3.0	#112 Orion PMS	4	
0025-0026.BIAS	0	1:33	19:24:20.4	+31:29:04	300	90	3.0	#112 Orion PMS	2	
0027-0034.BIAS	0	1:35	19:26:04.1	+31:29:03	300	90	3.0	#112 Orion PMS	2	
0035-0038.FLAT	16	1:37	19:28:19.0	+31:29:02	300	90	3.0	#112 Orion PMS	2	
0039-0043.FLAT	16	1:39	19:30:42.0	+31:29:01	300	90	3.0	#112 Orion PMS	2	
0044-0047.FLAT	16	1:41	19:32:34.9	+31:29:00	300	90	3.0	#112 Orion PMS	2	
0048-0052.FLAT	16	1:43	19:34:58.1	+31:28:59	300	90	3.0	#112 Orion PMS	2	
0053-0054.FLAT	16	1:44	19:35:54.3	+31:28:58	300	90	3.0	#112 Orion PMS	2	
0055.BDp284211	40	1:58	21:51:11.1	28:51:53	300	104	3.0	#56 Spectropho	2	
0056.BDp284211	40	1:59	21:51:11.1	28:51:53	300	104	3.0	#56 Spectropho	2	
0057.BDp284211	40	2:00	21:51:11.1	28:51:53	300	104	3.0	#56 Spectropho	2	
0058.COMP	12	2:01	21:51:11.1	28:51:53	300	104	3.0	#56 Spectropho	2	
0059.BDp284211	90	2:03	21:51:11.1	28:51:53	300	104	3.0	#56 Spectropho	2	
0060.COMP	12	2:05	21:51:11.1	28:51:53	300	104	3.0	#56 Spectropho	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0061.3C390.3	300	2:12	18:42:09.0	79:46:17	300	90	3.0	#6 AGN Monitor	2	
0062.3C390.3	300	2:17	18:42:09.0	79:46:17	300	90	3.0	#6 AGN Monitor	2	
0063.3C390.3	300	2:22	18:42:09.0	79:46:17	300	90	3.0	#6 AGN Monitor	2	
0064.COMP	12	2:29	18:42:09.0	79:46:17	300	90	3.0	#6 AGN Monitor	2	
0065.2M18145602+1901499	1200	2:34	18:14:56.0	+19:01:49	300	90	3.0	#141 Mapping t	2	
0066.COMP	12	2:55	18:14:56.0	+19:01:49	300	90	3.0	#141 Mapping t	2	
0067.2M18151412+2300514	660	2:56	18:15:14.1	+23:00:51	300	90	3.0	#141 Mapping t	2	row=76
0068.COMP	12	3:08	18:15:14.1	+23:00:51	300	90	3.0	#141 Mapping t	2	
0069.2M18152167+4659349	780	3:09	18:15:21.6	+46:59:34	300	90	3.0	#141 Mapping t	2	
0070.COMP	12	3:23	18:15:21.6	+46:59:34	300	90	3.0	#141 Mapping t	2	
0071.2M18152298+2215574	780	3:26	18:15:22.9	+22:15:57	300	90	3.0	#141 Mapping t	2	
0072.COMP	12	3:40	18:15:22.9	+22:15:57	300	90	3.0	#141 Mapping t	2	
0073.2M19132589+4742050	600	3:43	19:13:25.8	+47:42:05	300	90	3.0	#141 Mapping t	2	
0074.COMP	12	3:56	19:13:25.8	+47:42:05	300	90	3.0	#141 Mapping t	2	
0075.2M19133453+7202399	480	4:01	19:13:34.5	+72:02:39	300	90	3.0	#141 Mapping t	2	
0076.COMP	12	4:09	19:13:34.5	+72:02:39	300	90	3.0	#141 Mapping t	2	
0077.2M19135380+6357288	900	4:11	19:13:53.8	+63:57:28	300	80	3.0	#141 Mapping t	2	
0078.COMP	12	4:27	19:13:53.8	+63:57:28	300	80	3.0	#141 Mapping t	2	
0079.2M21574233+2049521	900	4:29	21:57:42.3	+20:49:52	300	90	3.0	#141 Mapping t	2	
0080.COMP	12	4:44	21:57:42.3	+20:49:52	300	90	3.0	#141 Mapping t	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0081.2M21591688+4217344	540	4:46	21:59:16.8	+42:17:34	300	90	3.0	#141 Mapping t	2	
0082.COMP	12	4:56	21:59:16.8	+42:17:34	300	90	3.0	#141 Mapping t	2	
0083.2M21592907+1516418	660	4:58	21:59:29.0	+15:16:41	300	90	3.0	#141 Mapping t	2	
0084.COMP	12	5:09	21:59:29.0	+15:16:41	300	90	3.0	#141 Mapping t	2	
0085.2M22023386+4508194	1200	5:11	22:02:33.8	+45:08:19	300	90	3.0	#141 Mapping t	2	
0086.COMP	12	5:32	22:02:33.8	+45:08:19	300	90	3.0	#141 Mapping t	2	
0087.2M22030604+6307428	1500	5:35	22:03:06.0	+63:07:42	300	110	3.0	#141 Mapping t	2	
0088.COMP	12	6:01	22:03:06.0	+63:07:42	300	110	3.0	#141 Mapping t	2	
0089.2M23160991-0214004	600	6:03	23:16:09.9	-02:14:00	300	90	3.0	#141 Mapping t	2	
0090.COMP	12	6:13	23:16:09.9	-02:14:00	300	90	3.0	#141 Mapping t	2	
0091.BDp174708	30	6:17	22:11:31.4	18:05:33	300	57	3.0	#56 Spectropho	2	
0092.BDp174708	30	6:17	22:11:31.4	18:05:33	300	57	3.0	#56 Spectropho	2	
0093.COMP	12	6:19	22:11:31.4	18:05:33	300	57	3.0	#56 Spectropho	2	
0094.2M23163859+0245469	600	6:21	23:16:38.5	+02:45:46	300	90	3.0	#141 Mapping t	2	
0095.COMP	12	6:31	23:16:38.5	+02:45:46	300	90	3.0	#141 Mapping t	2	
0096.2M23163925+1535163	600	6:33	23:16:39.2	+15:35:16	300	80	3.0	#141 Mapping t	2	
0097.COMP	12	6:44	23:16:39.2	+15:35:16	300	80	3.0	#141 Mapping t	2	
0098.2M23165911+0554450	600	6:45	23:16:59.1	+05:54:45	300	90	3.0	#141 Mapping t	2	
0099.COMP	12	6:56	23:16:59.1	+05:54:45	300	90	3.0	#141 Mapping t	2	
0100.2M23174725+4514124	660	6:57	23:17:47.2	+45:14:12	300	90	3.0	#141 Mapping t	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0101.COMP	12	7:09	23:17:47.2	+45:14:12	300	90	3.0	#141 Mapping t	2	
0102.2M23175222+0549572	720	7:11	23:17:52.2	+05:49:57	300	90	3.0	#141 Mapping t	2	
0103.COMP	12	7:24	23:17:52.2	+05:49:57	300	90	3.0	#141 Mapping t	2	
0104.2M23175447+0257263	600	7:25	23:17:54.4	+02:57:26	300	90	3.0	#141 Mapping t	2	
0105.COMP	12	7:36	23:17:54.4	+02:57:26	300	90	3.0	#141 Mapping t	2	
0106.0407_07	1020	7:39	03:02:07.3	+35:38:04	300	100	3.0	#160 2MACS	2	
0107.COMP	12	7:56	03:02:07.3	+35:38:04	300	100	3.0	#160 2MACS	2	
0108.0407_08	900	7:57	03:03:08.8	+35:38:44	300	90	3.0	#160 2MACS	2	
0109.COMP	12	8:13	03:03:08.8	+35:38:44	300	90	3.0	#160 2MACS	2	
0110.0407_09	780	8:14	03:01:26.5	+35:38:45	300	90	3.0	#160 2MACS	2	
0111.COMP	12	8:27	03:01:26.5	+35:38:45	300	90	3.0	#160 2MACS	2	
0112.0407_10	1080	8:28	02:59:47.8	+35:39:58	300	90	3.0	#160 2MACS	2	
0113.COMP	12	8:47	02:59:47.8	+35:39:58	300	90	3.0	#160 2MACS	2	
0114.sn2005M006	1800	8:51	02:30:27.2	-09:16:10	300	3	3.0	#2 SN Observat	2	
0115.COMP	12	9:21	02:30:27.2	-09:16:10	300	3	3.0	#2 SN Observat	2	
0116.sn2005gk	1800	9:33	03:08:16.0	-04:12:0	300	5	3.0	#2 SN Observat	2	row=77
0117.COMP	12	10:03	03:08:16.0	-04:12:0	300	5	3.0	#2 SN Observat	2	
0118.0407_11	1020	10:08	03:01:44.8	+35:40:37	300	90	3.0	#160 2MACS	2	
0119.COMP	12	10:25	03:01:44.8	+35:40:37	300	90	3.0	#160 2MACS	2	
0120.0407_12	1500	10:26	03:03:11.2	+35:41:02	300	90	3.0	#160 2MACS	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>Bir</i>	<i>Comments</i>
0121.COMP	12	10:52	03:03:11.2	+35:41:02	300	90	3.0	#160 2MACS	2	
0122.0407_13	1200	10:54	03:00:51.6	+35:41:17	300	90	3.0	#160 2MACS	2	
0123.COMP	12	11:14	03:00:51.6	+35:41:17	300	90	3.0	#160 2MACS	2	
0124.0407_14	1500	11:16	03:02:23.8	+35:43:33	300	90	3.0	#160 2MACS	2	
0125.COMP	12	11:41	03:02:23.8	+35:43:33	300	90	3.0	#160 2MACS	2	
0126.sn2005eo	1800	11:47	7:59:13.9	+32:55:19	300	98	3.0	#2 SN Observat	2	
0127.COMP	12	12:18	7:59:13.9	+32:55:19	300	98	3.0	#2 SN Observat	2	
0128.Akn120	300	12:27	05:13:38.0	-00:12:15	300	100	3.0	#6 AGN Monitor	2	
0129.COMP	12	12:32	05:13:38.0	-00:12:15	300	100	3.0	#6 AGN Monitor	2	
0130.Hiltner600	45	12:34	06:45:13.4	02:08:14	300	90	3.0	#56 Spectropho	2	
0131.COMP	12	12:35	06:45:13.4	02:08:14	300	90	3.0	#56 Spectropho	2	
0132-0141.BIAS	0	12:43	06:45:13.4	02:08:14	300	90	3.0	#160 2MACS	4	
0142-0151.FLAT	8	12:50	06:45:13.4	02:08:14	300	90	3.0	#160 2MACS	4	
0152-0161.BIAS	0	12:53	06:45:13.4	02:08:14	300	90	3.0	#160 2MACS	2	
0162-0181.FLAT	16	13:03	06:45:13.4	02:08:14	300	90	3.0	#160 2MACS	2	
0182-0191.DARK	900	15:21	06:45:13.4	02:08:14	300	90	3.0	#160 2MACS	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0001-0010.DARK	900	1:18	06:45:13.4	02:08:14	300	90	3.0	#160 2MACS	4	
0011-0020.BIAS	0	1:34	06:45:13.4	02:08:14	300	90	3.0	#160 2MACS	4	
0021-0030.FLAT	8	1:39	06:45:13.4	02:08:14	300	90	3.0	#160 2MACS	4	
0031-0040.BIAS	0	1:41	06:45:13.4	02:08:14	300	90	3.0	#160 2MACS	2	
0041-0060.FLAT	16	1:51	06:45:13.4	02:08:14	300	90	3.0	#160 2MACS	2	
0061.BDp284211	70	2:12	21:51:11.1	28:51:53	300	104	3.0	#56 Spectropho	2	
0062.BDp284211	70	2:13	21:51:11.1	28:51:53	300	104	3.0	#56 Spectropho	2	
0063.COMP	12	2:20	21:51:11.1	28:51:53	300	104	3.0	#56 Spectropho	2	
0064.BDp174708	35	2:24	22:11:31.4	18:05:33	300	-30	3.0	#56 Spectropho	2	
0065.BDp174708	35	2:25	22:11:31.4	18:05:33	300	-30	3.0	#56 Spectropho	2	
0066.COMP	12	2:27	22:11:31.4	18:05:33	300	-30	3.0	#56 Spectropho	2	
0067.DracoC1	1200	2:31	17:19:58	57:50:06	300	90	3.0	#12 Symbiotic	2	
0068.COMP	12	2:52	17:19:58	57:50:06	300	90	3.0	#12 Symbiotic	2	
0069.RSOph	10	2:55	17:50:13	-06:42:30	300	90	3.0	#12 Symbiotic	2	
0070.RSOph	60	2:56	17:50:13	-06:42:30	300	90	3.0	#12 Symbiotic	2	
0071.RSOph	150	2:58	17:50:13	-06:42:30	300	90	3.0	#12 Symbiotic	2	
0072.COMP	12	3:01	17:50:13	-06:42:30	300	90	3.0	#12 Symbiotic	2	
0073.YYHer	10	3:04	18:14:34	20:59:19	300	90	3.0	#12 Symbiotic	2	
0074.YYHer	60	3:05	18:14:34	20:59:19	300	90	3.0	#12 Symbiotic	2	
0075.COMP	12	3:07	18:14:34	20:59:19	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>Bir</i>	<i>Comments</i>
0076.V443Her	5	3:09	18:22:07	23:27:20	300	90	3.0	#12 Symbiotic	2	
0077.V443Her	45	3:10	18:22:07	23:27:20	300	90	3.0	#12 Symbiotic	2	
0078.V443Her	90	3:11	18:22:07	23:27:20	300	90	3.0	#12 Symbiotic	2	
0079.COMP	12	3:14	18:22:07	23:27:20	300	90	3.0	#12 Symbiotic	2	
0080.BFCyg	1	3:16	19:23:53	29:40:27	300	90	3.0	#12 Symbiotic	2	
0081.BFCyg	60	3:16	19:23:53	29:40:27	300	90	3.0	#12 Symbiotic	2	
0082.BFCyg	15	3:18	19:23:53	29:40:27	300	90	3.0	#12 Symbiotic	2	
0083.COMP	12	3:19	19:23:53	29:40:27	300	90	3.0	#12 Symbiotic	2	
0084.CHCyg	1	3:21	19:24:33	50:14:30	300	90	3.0	#12 Symbiotic	2	
0085.CHCyg	5	3:21	19:24:33	50:14:30	300	90	3.0	#12 Symbiotic	2	
0086.CHCyg	30	3:22	19:24:33	50:14:30	300	90	3.0	#12 Symbiotic	2	
0087.COMP	12	3:23	19:24:33	50:14:30	300	90	3.0	#12 Symbiotic	2	
0088.CICyg	2	3:26	19:50:12	35:41:02	300	90	3.0	#12 Symbiotic	2	
0089.CICyg	20	3:26	19:50:12	35:41:02	300	90	3.0	#12 Symbiotic	2	
0090.CICyg	60	3:27	19:50:12	35:41:02	300	90	3.0	#12 Symbiotic	2	
0091.COMP	12	3:29	19:50:12	35:41:02	300	90	3.0	#12 Symbiotic	2	
0092.PUVu1	1	3:30	20:21:13	21:34:21	300	90	3.0	#12 Symbiotic	2	
0093.PUVu1	10	3:31	20:21:13	21:34:21	300	90	3.0	#12 Symbiotic	2	
0094.PUVu1	60	3:32	20:21:13	21:34:21	300	90	3.0	#12 Symbiotic	2	
0095.PUVu1	30	3:33	20:21:13	21:34:21	300	90	3.0	#12 Symbiotic	2	

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<i>File</i>	<i>Exp Time</i>	<i>UT Start</i>	<i>RA</i>	<i>Dec</i>	<i>Gr.</i>	<i>P.A.</i>	<i>Slit</i>	<i>Program</i>	<i>Bir</i>	<i>Comments</i>
0096.COMP	12	3:34	20:21:13	21:34:21	300	90	3.0	#12 Symbiotic	2	
0097.ZAnd	2	3:37	23:33:40	48:49:06	300	90	3.0	#12 Symbiotic	2	
0098.ZAnd	10	3:37	23:33:40	48:49:06	300	90	3.0	#12 Symbiotic	2	
0099.ZAnd	60	3:38	23:33:40	48:49:06	300	90	3.0	#12 Symbiotic	2	
0100.COMP	12	3:40	23:33:40	48:49:06	300	90	3.0	#12 Symbiotic	2	
0101.MRK509	180	3:44	20:44:09.8	-10:43:24	300	90	3.0	#6 AGN Monitor	2	
0102.MRK509	180	3:47	20:44:09.8	-10:43:24	300	90	3.0	#6 AGN Monitor	2	
0103.COMP	12	3:51	20:44:09.8	-10:43:24	300	90	3.0	#6 AGN Monitor	2	
0104.Akn564	180	3:54	22:42:39.4	+29:43:31	300	90	3.0	#6 AGN Monitor	2	
0105.Akn564	180	3:57	22:42:39.4	+29:43:31	300	90	3.0	#6 AGN Monitor	2	
0106.COMP	12	4:01	22:42:39.4	+29:43:31	300	90	3.0	#6 AGN Monitor	2	
0107.N7469	120	4:03	23:03:15.7	+08:52:27	300	90	3.0	#6 AGN Monitor	2	
0108.N7469	120	4:06	23:03:15.7	+08:52:27	300	90	3.0	#6 AGN Monitor	2	
0109.COMP	12	4:09	23:03:15.7	+08:52:27	300	90	3.0	#6 AGN Monitor	2	
0110.2M19351335+5753108	480	4:11	19:35:13.3	+57:53:10	300	90	3.0	#141 Mapping t	2	
0111.COMP	12	4:20	19:35:13.3	+57:53:10	300	90	3.0	#141 Mapping t	2	
0112.2M19352096+5308029	420	4:22	19:35:20.9	+53:08:02	300	90	3.0	#141 Mapping t	2	
0113.COMP	12	4:31	19:35:20.9	+53:08:02	300	90	3.0	#141 Mapping t	2	
0114.2M19354783+5206040	480	4:33	19:35:47.8	+52:06:04	300	90	3.0	#141 Mapping t	2	
0115.COMP	12	4:44	19:35:47.8	+52:06:04	300	90	3.0	#141 Mapping t	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0116.2M19360587+3633548	780	4:46	19:36:05.8	+36:33:54	300	90	3.0	#141 Mapping t	2	
0117.COMP	12	5:02	19:36:05.8	+36:33:54	300	90	3.0	#141 Mapping t	2	
0118.2M19362553+7156435	1200	5:04	19:36:25.5	+71:56:43	300	90	3.0	#141 Mapping t	2	
0119.COMP	12	5:25	19:36:25.5	+71:56:43	300	90	3.0	#141 Mapping t	2	
0120.2M19362961+7121076	1200	5:31	19:36:29.6	+71:21:07	300	90	3.0	#141 Mapping t	2	
0121.COMP	12	5:51	19:36:29.6	+71:21:07	300	90	3.0	#141 Mapping t	2	
0122.RAqr	0	5:55	23:43:49	-15:17:05	300	90	3.0	#12 Symbiotic	2	
0123.RAqr	1	5:55	23:43:49	-15:17:05	300	90	3.0	#12 Symbiotic	2	
0124.RAqr	5	5:56	23:43:49	-15:17:05	300	90	3.0	#12 Symbiotic	2	
0125.RAqr	10	5:56	23:43:49	-15:17:05	300	90	3.0	#12 Symbiotic	2	
0126.COMP	12	5:57	23:43:49	-15:17:05	300	90	3.0	#12 Symbiotic	2	
0127.EGAnd	1	6:00	0:44:37	40:40:47	300	90	3.0	#12 Symbiotic	2	
0128.EGAnd	5	6:00	0:44:37	40:40:47	300	90	3.0	#12 Symbiotic	2	
0129.EGAnd	10	6:00	0:44:37	40:40:47	300	90	3.0	#12 Symbiotic	2	
0130.COMP	12	6:01	0:44:37	40:40:47	300	90	3.0	#12 Symbiotic	2	
0131.AXPer	4	6:04	1:36:23	54:15:03	300	90	3.0	#12 Symbiotic	2	
0132.AXPer	30	6:05	1:36:23	54:15:03	300	90	3.0	#12 Symbiotic	2	
0133.AXPer	90	6:06	1:36:23	54:15:03	300	90	3.0	#12 Symbiotic	2	
0134.COMP	12	6:08	1:36:23	54:15:03	300	90	3.0	#12 Symbiotic	2	
0135.2M22034776-0228248	480	6:14	22:03:47.7	-02:28:24	300	90	3.0	#141 Mapping t	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0136.COMP	12	6:23	22:03:47.7	-02:28:24	300	90	3.0	#141 Mapping t	2	
0137.2M22040657+3927394	1200	6:26	22:04:06.5	+39:27:39	300	40	3.0	#141 Mapping t	2	nice rotation curve...
0138.COMP	12	6:47	22:04:06.5	+39:27:39	300	40	3.0	#141 Mapping t	2	
0139.2M22045835+4403325	1500	6:49	22:04:58.3	+44:03:32	300	80	3.0	#141 Mapping t	2	
0140.COMP	12	7:15	22:04:58.3	+44:03:32	300	80	3.0	#141 Mapping t	2	
0141.2M22050947+2507317	480	7:18	22:05:09.4	+25:07:31	300	90	3.0	#141 Mapping t	2	
0142.COMP	12	7:26	22:05:09.4	+25:07:31	300	90	3.0	#141 Mapping t	2	
0143.2M22051776+4400277	600	7:29	22:05:17.7	+44:00:27	300	90	3.0	#141 Mapping t	2	row=75
0144.COMP	12	7:39	22:05:17.7	+44:00:27	300	90	3.0	#141 Mapping t	2	
0145.2M23003143+0653226	420	7:43	23:00:31.4	+06:53:22	300	90	3.0	#141 Mapping t	2	
0146.COMP	12	7:51	23:00:31.4	+06:53:22	300	90	3.0	#141 Mapping t	2	
0147.2M23175556+0835028	300	7:52	23:17:55.5	+08:35:02	300	90	3.0	#141 Mapping t	2	get again
0148.COMP	12	7:57	23:17:55.5	+08:35:02	300	90	3.0	#141 Mapping t	2	
0149.2M23175556+0835028	480	8:00	23:17:55.5	+08:35:02	300	90	3.0	#141 Mapping t	2	
0150.COMP	12	8:08	23:17:55.5	+08:35:02	300	90	3.0	#141 Mapping t	2	
0151.2M23181247+0411063	420	8:10	23:18:12.4	+04:11:06	300	90	3.0	#141 Mapping t	2	too short, get again...
0152.2M23181247+0411063	900	8:17	23:18:12.4	+04:11:06	300	90	3.0	#141 Mapping t	2	
0153.COMP	12	8:33	23:18:12.4	+04:11:06	300	90	3.0	#141 Mapping t	2	
0154.sn2005eu	1200	8:36	02:27:43.2	+28:10:36	300	12	3.0	#2 SN Observat	2	
0155.COMP	12	8:57	02:27:43.2	+28:10:36	300	12	3.0	#2 SN Observat	2	

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0156.sn2005eq	1200	9:06	3:08:49.3	-07:01:59	300	-3	3.0	#2 SN Observat	2	
0157.COMP	12	9:26	3:08:49.3	-07:01:59	300	-3	3.0	#2 SN Observat	2	
0158.sn2005gk	1800	9:31	03:08:16.0	-04:12:0	300	0	3.0	#2 SN Observat	2	
0159.COMP	12	10:02	03:08:16.0	-04:12:0	300	0	3.0	#2 SN Observat	2	
0160.0407_15	1020	10:05	03:01:38.5	+35:43:45	300	90	3.0	#160 2MACS	2	
0161.COMP	12	10:23	03:01:38.5	+35:43:45	300	90	3.0	#160 2MACS	2	
0162.0407_16	900	10:24	02:58:47.3	+35:43:57	300	100	3.0	#160 2MACS	2	
0163.COMP	12	10:39	02:58:47.3	+35:43:57	300	100	3.0	#160 2MACS	2	
0164.0407_17	1500	10:41	03:02:58.0	+35:44:29	300	90	3.0	#160 2MACS	2	
0165.COMP	12	11:07	03:02:58.0	+35:44:29	300	90	3.0	#160 2MACS	2	
0166.GITau	240	11:11	4:33:34	24:21:18	300	90	3.0	#12 Symbiotic	2	
0167.COMP	12	11:15	4:33:34	24:21:18	300	90	3.0	#12 Symbiotic	2	
0168.GKTau	240	11:16	4:33:34.5	24:21:07	300	90	3.0	#12 Symbiotic	2	
0169.COMP	12	11:21	4:33:34.5	24:21:07	300	90	3.0	#12 Symbiotic	2	
0170.BGGem	300	11:22	6:03:31	27:41:50	300	90	3.0	#12 Symbiotic	2	
0171.BGGem	1200	11:28	6:03:31	27:41:50	300	90	3.0	#12 Symbiotic	2	
0172.COMP	12	11:48	6:03:31	27:41:50	300	90	3.0	#12 Symbiotic	2	
0173.0592_01	1200	11:50	07:42:3.3	09:09:04	300	90	3.0	#160 2MACS	2	row=74
0174.COMP	12	12:10	07:42:3.3	09:09:04	300	90	3.0	#160 2MACS	2	
0175.0592_02	1020	12:11	07:43:40.8	09:10:02	300	80	3.0	#160 2MACS	2	

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0176.COMP	12	12:29	07:43:40.8	09:10:02	300	80	3.0	#160 2MACS	2	
0177.Hiltner600	60	12:31	06:45:13.4	02:08:14	300	90	3.0	#56 Spectropho	2	
0178.COMP	12	12:33	06:45:13.4	02:08:14	300	90	3.0	#56 Spectropho	2	
0179-0188.BIAS	0	12:35	06:45:13.4	02:08:14	300	90	3.0	#141 Mapping t	4	
0189-0198.FLAT	8	12:49	06:45:13.4	02:08:14	300	90	3.0	#141 Mapping t	4	
0199-0208.BIAS	0	12:52	06:45:13.4	02:08:14	300	90	3.0	#141 Mapping t	2	
0209-0228.FLAT	16	13:02	06:45:13.4	02:08:14	300	90	3.0	#141 Mapping t	2	
0229-0238.DARK	900	15:24	06:45:13.4	02:08:14	300	90	3.0	#141 Mapping t	2	



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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0001-0007.DARK	900	1:33	06:45:13.4	02:08:14	300	90	3.0	#141 Mapping t	4	
0008-0017.BIAS	0	1:49	06:45:13.4	02:08:14	300	90	3.0	#141 Mapping t	4	
0018-0027.FLAT	8	1:52	06:45:13.4	02:08:14	300	90	3.0	#141 Mapping t	4	
0028-0037.BIAS	0	1:55	06:45:13.4	02:08:14	300	90	3.0	#141 Mapping t	2	
0038-0057.FLAT	16	2:05	06:45:13.4	02:08:14	300	90	3.0	#141 Mapping t	2	
0058.sn2004et	1800	3:18	20:35:25.4	60:07:17	300	-18	3.0	#2 SN Observat	2	
0059.COMP	12	3:50	20:35:25.4	60:07:17	300	-18	3.0	#2 SN Observat	2	
0060.BDp284211	60	4:32	21:51:11.1	28:51:53	300	69	3.0	#56 Spectropho	2	
0061.COMP	12	4:34	21:51:11.1	28:51:53	300	69	3.0	#56 Spectropho	2	
0062.BDp174708	35	4:38	22:11:31.4	18:05:33	300	21	3.0	#56 Spectropho	2	
0063.BDp174708	35	4:39	22:11:31.4	18:05:33	300	21	3.0	#56 Spectropho	2	
0064.COMP	12	4:40	22:11:31.4	18:05:33	300	21	3.0	#56 Spectropho	2	
0065.2M00402804+0643114	660	4:58	00:40:28.0	+06:43:11	300	90	3.0	#141 Mapping t	2	
0066.COMP	12	5:10	00:40:28.0	+06:43:11	300	90	3.0	#141 Mapping t	2	
0067.2M00411536+4756049	900	5:12	00:41:15.3	+47:56:4	300	90	3.0	#141 Mapping t	2	row=77
0068.COMP	12	5:30	00:41:15.3	+47:56:4	300	90	3.0	#141 Mapping t	2	
0069.2M00523155+4620186	600	5:33	00:52:31.5	+46:20:18	300	90	3.0	#141 Mapping t	2	
0070.COMP	12	5:43	00:52:31.5	+46:20:18	300	90	3.0	#141 Mapping t	2	
0071.2M00544651+5108434	900	5:46	00:54:46.5	+51:08:43	300	80	3.0	#141 Mapping t	2	
0072.COMP	12	6:01	00:54:46.5	+51:08:43	300	80	3.0	#141 Mapping t	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0073.2M00544941+1032160	780	6:04	00:54:49.4	+10:32:16	300	90	3.0	#141 Mapping t	2	
0074.COMP	12	6:18	00:54:49.4	+10:32:16	300	90	3.0	#141 Mapping t	2	
0075.2M00562540+5045148	780	6:21	00:56:25.3	+50:45:14	300	80	3.0	#141 Mapping t	2	
0076.COMP	12	6:34	00:56:25.3	+50:45:14	300	80	3.0	#141 Mapping t	2	
0077.2M00592750+5222015	780	6:35	00:59:27.5	+52:22:1	300	90	3.0	#141 Mapping t	2	
0078.COMP	12	6:49	00:59:27.5	+52:22:1	300	90	3.0	#141 Mapping t	2	
0079.2M01044782+2637599	360	6:53	01:04:47.8	+26:38:0	300	90	3.0	#141 Mapping t	2	
0080.COMP	12	6:59	01:04:47.8	+26:38:0	300	90	3.0	#141 Mapping t	2	
0081.2M01102893+1611259	360	7:01	01:10:28.9	+16:11:25	300	90	3.0	#141 Mapping t	2	
0082.COMP	12	7:08	01:10:28.9	+16:11:25	300	90	3.0	#141 Mapping t	2	
0083.2M01103850+1649348	420	7:11	01:10:38.5	+16:49:34	300	90	3.0	#141 Mapping t	2	
0084.COMP	12	7:18	01:10:38.5	+16:49:34	300	90	3.0	#141 Mapping t	2	
0085.2M01135027+4935105	360	7:21	01:13:50.2	+49:35:10	300	90	3.0	#141 Mapping t	2	
0086.COMP	12	7:27	01:13:50.2	+49:35:10	300	90	3.0	#141 Mapping t	2	
0087.sn2005eq	1200	7:37	3:08:49.3	-07:01:59	300	-29	3.0	#2 SN Observat	2	
0088.COMP	12	7:57	3:08:49.3	-07:01:59	300	-29	3.0	#2 SN Observat	2	
0089.hs3819	510	8:05	0:38:37.6	-5:04:45	600	90	2.0	#122 Halo Star	4	600L, tilt=440, 2arcsec
0090.COMP	10	8:14	0:38:37.6	-5:04:45	600	90	2.0	#122 Halo Star	4	
0091.hs3820	546	8:16	0:38:56.2	-5:49:18	600	90	2.0	#122 Halo Star	4	
0092.COMP	10	8:29	0:38:56.2	-5:49:18	600	90	2.0	#122 Halo Star	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>Bir</i>	<i>Comments</i>
0093.hs3821	270	8:30	0:40:13.8	-8:02:12	600	90	2.0	#122 Halo Star	4	
0094.COMP	10	8:35	0:40:13.8	-8:02:12	600	90	2.0	#122 Halo Star	4	
0095.hs3850	1002	8:37	1:14:28.9	-5:06:38	600	90	2.0	#122 Halo Star	4	
0096.COMP	10	8:54	1:14:28.9	-5:06:38	600	90	2.0	#122 Halo Star	4	
0097.hs3851	144	8:55	1:14:42.0	-9:10:28	600	90	2.0	#122 Halo Star	4	
0098.COMP	10	8:58	1:14:42.0	-9:10:28	600	90	2.0	#122 Halo Star	4	
0099.hs3852	162	8:59	1:14:59.3	-5:34:25	600	80	2.0	#122 Halo Star	4	
0100.COMP	10	9:02	1:14:59.3	-5:34:25	600	80	2.0	#122 Halo Star	4	
0101.hs3853	210	9:03	1:15:27.4	-4:58:47	600	90	2.0	#122 Halo Star	4	
0102.COMP	12	9:07	1:15:27.4	-4:58:47	600	90	2.0	#122 Halo Star	4	
0103.hs3854	1008	9:09	1:16:17.4	-3:22:13	600	90	2.0	#122 Halo Star	4	
0104.COMP	10	9:27	1:16:17.4	-3:22:13	600	90	2.0	#122 Halo Star	4	
0105.hs3929	396	9:29	3:01:15.8	-2:40:13	600	90	2.0	#122 Halo Star	4	
0106.COMP	10	9:36	3:01:15.8	-2:40:13	600	90	2.0	#122 Halo Star	4	
0107.hs3930	240	9:38	3:01:34.1	-8:56:05	600	90	2.0	#122 Halo Star	4	
0108.COMP	10	9:42	3:01:34.1	-8:56:05	600	90	2.0	#122 Halo Star	4	
0109.hs3931	132	9:43	3:02:24.6	-2:48:46	600	90	2.0	#122 Halo Star	4	
0110.COMP	10	9:46	3:02:24.6	-2:48:46	600	90	2.0	#122 Halo Star	4	
0111.hs3932	102	9:47	3:04:22.9	-8:28:01	600	90	2.0	#122 Halo Star	4	
0112.COMP	10	9:49	3:04:22.9	-8:28:01	600	90	2.0	#122 Halo Star	4	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0113.hs3933	168	9:50	3:05:08.8	-6:32:12	600	90	2.0	#122 Halo Star	4	
0114.COMP	10	9:53	3:05:08.8	-6:32:12	600	90	2.0	#122 Halo Star	4	
0115.hs3934	1002	9:54	3:05:16.6	-4:47:53	600	90	2.0	#122 Halo Star	4	
0116.COMP	10	10:11	3:05:16.6	-4:47:53	600	90	2.0	#122 Halo Star	4	
0117.hs3977	1146	10:13	3:56:31.7	-2:05:55	600	90	2.0	#122 Halo Star	4	
0118.COMP	10	10:32	3:56:31.7	-2:05:55	600	90	2.0	#122 Halo Star	4	
0119.Hiltner600	60	10:35	06:45:13.4	02:08:14	600	90	2.0	#56 Spectropho	4	
0120.COMP	10	10:36	06:45:13.4	02:08:14	600	90	2.0	#56 Spectropho	4	
0121-0130.FLAT	24	10:42	06:45:13.4	02:08:14	600	90	2.0	#122 Halo Star	4	
0131.0407_07	1080	10:50	03:02:07.3	+35:38:04	300	80	3.0	#160 2MACS	2	combo setup
0132.COMP	12	11:09	03:02:07.3	+35:38:04	300	80	3.0	#160 2MACS	2	
0133.0407_17	1200	11:12	03:02:58.0	+35:44:29	300	90	3.0	#160 2MACS	2	need more counts...
0134.COMP	12	11:32	03:02:58.0	+35:44:29	300	90	3.0	#160 2MACS	2	
0135.0407_17	1800	11:33	03:02:58.0	+35:44:29	300	90	3.0	#160 2MACS	2	
0136.COMP	12	12:04	03:02:58.0	+35:44:29	300	90	3.0	#160 2MACS	2	
0137.0407_18	1200	12:05	03:03:35.0	+35:44:38	300	90	3.0	#160 2MACS	2	
0138.COMP	12	12:25	03:03:35.0	+35:44:38	300	90	3.0	#160 2MACS	2	
0139.Hiltner600	60	12:29	06:45:13.4	02:08:14	300	90	3.0	#56 Spectropho	2	
0140.COMP	12	12:30	06:45:13.4	02:08:14	300	90	3.0	#56 Spectropho	2	
0141-0150.BIAS	0	12:41	06:45:13.4	02:08:14	300	90	3.0	#160 2MACS	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>Bir</i>	<i>Comments</i>
0151-0160.FLAT	8	12:45	06:45:13.4	02:08:14	300	90	3.0	#160 2MACS	4	
0161-0170.BIAS	0	12:49	06:45:13.4	02:08:14	300	90	3.0	#160 2MACS	2	
0171-0190.FLAT	16	12:59	06:45:13.4	02:08:14	300	90	3.0	#160 2MACS	2	
0191-0200.DARK	900	15:17	06:45:13.4	02:08:14	300	90	3.0	#160 2MACS	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0001.BIAS	0	23:54	18:43:54.2	+31:29:24	300	90	3.0	#160 2MACS	4	test
0002.COMP	5	23:54	18:44:37.8	+31:29:24	300	90	3.0	#160 2MACS	4	test
0003-0012.BIAS	0	1:17	20:06:53.0	+31:28:44	300	90	3.0	#160 2MACS	4	
0013-0019.FLAT	8	1:19	20:09:16.2	+31:28:43	300	90	3.0	#160 2MACS	4	
0020-0022.FLAT	8	1:20	20:10:17.0	+31:28:42	300	90	3.0	#160 2MACS	4	
0023-0027.BIAS	0	1:21	20:11:26.3	+31:28:42	300	90	3.0	#160 2MACS	2	
0028-0032.BIAS	0	1:22	20:12:31.4	+31:28:41	300	90	3.0	#160 2MACS	2	
0033-0034.FLAT	16	1:23	20:13:37.1	+31:28:41	300	90	3.0	#160 2MACS	2	
0035-0038.FLAT	16	1:25	20:15:38.4	+31:28:40	300	90	3.0	#160 2MACS	2	
0039-0043.FLAT	16	1:28	20:18:10.1	+31:28:39	300	90	3.0	#160 2MACS	2	
0044-0048.FLAT	16	1:30	20:20:41.7	+31:28:38	300	90	3.0	#160 2MACS	2	
0049-0052.FLAT	16	1:32	20:22:43.2	+31:28:37	300	90	3.0	#160 2MACS	2	
0053.FLAT	16	1:33	20:23:13.4	+31:28:36	300	90	3.0	#160 2MACS	2	
0054.BDp284211	5	2:12	21:51:11.1	28:51:53	300	90	3.0	#56 Spectropho	2	test - don
0055.FineFoc	60	2:18	21:02:55.1	32:20:59	300	90	3.0	#56 Spectropho	1	seeing 1.6 arcsec, focus =240
0056.BDp284211	90	3:00	21:51:11.1	28:51:53	300	90	3.0	#56 Spectropho	2	clear skies
0057.BDp284211	90	3:02	21:51:11.1	28:51:53	300	90	3.0	#56 Spectropho	2	
0058.COMP	10	3:04	21:51:11.1	28:51:53	300	90	3.0	#56 Spectropho	2	
0059.BDp284211	90	3:06	21:51:11.1	28:51:53	300	90	3.0	#56 Spectropho	4	
0060.BDp284211	90	3:08	21:51:11.1	28:51:53	300	90	3.0	#56 Spectropho	4	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0061.COMP	5	3:09	21:51:11.1	28:51:53	300	90	3.0	#56 Spectropho	4	
0062.BDp174708	30	3:15	22:11:31.4	18:05:33	300	90	3.0	#56 Spectropho	4	
0063.BDp174708	30	3:16	22:11:31.4	18:05:33	300	90	3.0	#56 Spectropho	4	
0064.COMP	5	3:17	22:11:31.4	18:05:33	300	90	3.0	#56 Spectropho	4	
0065.BDp174708	50	3:18	22:11:31.4	18:05:33	300	90	3.0	#56 Spectropho	2	
0066.BDp174708	50	3:19	22:11:31.4	18:05:33	300	90	3.0	#56 Spectropho	2	
0067.COMP	10	3:20	22:11:31.4	18:05:33	300	90	3.0	#56 Spectropho	2	
0068.sn2004et	1800	3:41	20:35:25.4	60:07:17	300	110	3.0	#2 SN Observat	2	row =74
0069.COMP	10	4:18	20:35:25.4	60:07:17	300	110	3.0	#2 SN Observat	2	
0070.2M00350169-0208294	900	4:26	00:35:1.6	-02:08:29	300	90	3.0	#141 Mapping t	2	
0071.COMP	10	4:42	00:35:1.6	-02:08:29	300	90	3.0	#141 Mapping t	2	
0072.2M00461665-0701579	900	5:29	00:46:16.6	-07:01:57	300	90	3.0	#141 Mapping t	2	
0073.COMP	10	5:45	00:46:16.6	-07:01:57	300	90	3.0	#141 Mapping t	2	
0074.158m213	300	5:51	00:40:30.2	+40:50:55	300	90	3.0	#57 Velocity S	2	
0075.COMP	10	5:56	00:40:30.2	+40:50:55	300	90	3.0	#57 Velocity S	2	
0076.MRK335	150	6:05	00:06:19.6	+20:12:11	300	90	3.0	#6 AGN Monitor	2	
0077.MRK335	150	6:08	00:06:19.6	+20:12:11	300	90	3.0	#6 AGN Monitor	2	
0078.COMP	10	6:12	00:06:19.6	+20:12:11	300	90	3.0	#6 AGN Monitor	2	
0079.N7469	120	6:20	23:03:15.7	+08:52:27	300	90	3.0	#6 AGN Monitor	2	
0080.N7469	120	6:22	23:03:15.7	+08:52:27	300	90	3.0	#6 AGN Monitor	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0081.COMP	10	6:25	23:03:15.7	+08:52:27	300	90	3.0	#6 AGN Monitor	2	
0082.EGAnd	1	6:30	0:44:37	40:40:47	300	90	3.0	#12 Symbiotic	2	
0083.EGAnd	5	6:30	0:44:37	40:40:47	300	90	3.0	#12 Symbiotic	2	
0084.EGAnd	10	6:30	0:44:37	40:40:47	300	90	3.0	#12 Symbiotic	2	
0085.COMP	10	6:31	0:44:37	40:40:47	300	90	3.0	#12 Symbiotic	2	
0086.AXPer	4	6:34	1:36:23	54:15:03	300	90	3.0	#12 Symbiotic	2	
0087.AXPer	30	6:35	1:36:23	54:15:03	300	90	3.0	#12 Symbiotic	2	
0088.AXPer	90	6:35	1:36:23	54:15:03	300	90	3.0	#12 Symbiotic	2	
0089.COMP	10	6:37	1:36:23	54:15:03	300	90	3.0	#12 Symbiotic	2	
0090.sn2005eu	1200	6:46	02:27:43.2	+28:10:36	300	90	3.0	#2 SN Observat	2	
0091.COMP	10	7:07	02:27:43.2	+28:10:36	300	90	3.0	#2 SN Observat	2	
0092.0407_18	1200	7:21	03:03:35.0	+35:44:38	300	90	3.0	#160 2MACS	2	
0093.COMP	10	7:41	03:03:35.0	+35:44:38	300	90	3.0	#160 2MACS	2	
0094.0407_19	1500	7:44	03:03:18.4	+35:45:57	300	90	3.0	#160 2MACS	2	row=80
0095.COMP	10	8:10	03:03:18.4	+35:45:57	300	90	3.0	#160 2MACS	2	
0096.0407_20	1500	8:13	03:02:13.8	+35:46:43	300	90	3.0	#160 2MACS	2	
0097.COMP	10	8:39	03:02:13.8	+35:46:43	300	90	3.0	#160 2MACS	2	
0098.sn2005eq	1500	8:46	3:08:49.3	-07:01:59	300	90	3.0	#2 SN Observat	2	
0099.COMP	10	9:12	3:08:49.3	-07:01:59	300	90	3.0	#2 SN Observat	2	
0100.FineFoc	60	9:16	03:59:43.1	31:21:34	300	90	3.0	#56 Spectropho	1	seeing 1.8 arcsec



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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0101.0407_21	1200	9:22	02:59:45.9	+35:46:53	300	90	3.0	#160 2MACS	2	
0102.COMP	10	9:45	02:59:45.9	+35:46:53	300	90	3.0	#160 2MACS	2	
0103.GITau	240	9:54	4:33:34	24:21:18	300	90	3.0	#12 Symbiotic	2	
0104.COMP	10	9:58	4:33:34	24:21:18	300	90	3.0	#12 Symbiotic	2	
0105.GKTau	240	10:00	4:33:34.5	24:21:07	300	90	3.0	#12 Symbiotic	2	
0106.COMP	10	10:04	4:33:34.5	24:21:07	300	90	3.0	#12 Symbiotic	2	
0107.cvso-268939	420	10:10	05:39:25.2	-02:38:22	300	90	3.0	#112 Orion PMS	2	
0108.COMP	10	10:19	05:39:25.2	-02:38:22	300	90	3.0	#112 Orion PMS	2	
0109.cvso-269028	420	10:24	05:39:32.9	-02:47:49	300	90	3.0	#112 Orion PMS	2	
0110.COMP	10	10:31	05:39:32.9	-02:47:49	300	90	3.0	#112 Orion PMS	2	
0111.cvso-269203	420	10:33	05:39:50.3	-02:43:30	300	90	3.0	#112 Orion PMS	2	
0112.COMP	10	10:41	05:39:50.3	-02:43:30	300	90	3.0	#112 Orion PMS	2	
0113.cvso-269388	420	10:45	05:40:08.8	-02:33:33	300	90	3.0	#112 Orion PMS	2	
0114.COMP	10	10:56	05:40:08.8	-02:33:33	300	90	3.0	#112 Orion PMS	2	
0115.cvso-270830	300	10:58	05:40:17.0	-03:37:01	300	90	3.0	#112 Orion PMS	2	
0116.COMP	10	11:09	05:40:17.0	-03:37:01	300	90	3.0	#112 Orion PMS	2	
0117.cvso-271052	420	11:11	05:42:06.7	-02:46:35	300	90	3.0	#112 Orion PMS	2	
0118.COMP	10	11:24	05:42:06.7	-02:46:35	300	90	3.0	#112 Orion PMS	2	
0119.cvso-269598	300	11:26	05:40:28.8	-02:43:13	300	90	3.0	#112 Orion PMS	2	
0120.COMP	10	11:31	05:40:28.8	-02:43:13	300	90	3.0	#112 Orion PMS	2	

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<i>File</i>	<i>Exp Time</i>	<i>UT Start</i>	<i>RA</i>	<i>Dec</i>	<i>Gr.</i>	<i>P.A.</i>	<i>Slit</i>	<i>Program</i>	<i>Bir</i>	<i>Comments</i>
0121.sn2005ha	1500	11:44	06:21:49.0	+00:21:55	300	10	3.0	#2 SN Observat	2	
0122.COMP	10	12:09	06:21:49.0	+00:21:55	300	10	3.0	#2 SN Observat	2	
0123.Akn120	300	12:14	05:13:38.0	-00:12:15	300	90	3.0	#6 AGN Monitor	2	
0124.COMP	10	12:20	05:13:38.0	-00:12:15	300	90	3.0	#6 AGN Monitor	2	
0125.Hiltner600	45	12:25	06:45:13.4	02:08:14	300	90	3.0	#56 Spectropho	2	
0126.COMP	10	12:26	06:45:13.4	02:08:14	300	90	3.0	#56 Spectropho	2	
0127-0136.BIAS	0	12:28	06:45:13.4	02:08:14	300	90	3.0	#56 Spectropho	4	
0137-0146.FLAT	8	12:31	06:45:13.4	02:08:14	300	90	3.0	#56 Spectropho	4	
0147-0156.BIAS	0	12:34	06:45:13.4	02:08:14	300	90	3.0	#56 Spectropho	2	
0157-0177.FLAT	16	12:44	06:45:13.4	02:08:14	300	90	3.0	#56 Spectropho	2	
0178-0182.DARK	900	14:19	06:45:13.4	02:08:14	300	90	3.0	#56 Spectropho	4	
0183-0187.DARK	900	15:35	06:45:13.4	02:08:14	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>Bir</i>	<i>Comments</i>
0001-0010.BIAS	0	0:49	06:45:13.4	02:08:14	300	90	3.0	#56 Spectropho	4	
0011-0020.FLAT	8	0:52	06:45:13.4	02:08:14	300	90	3.0	#56 Spectropho	4	
0021-0030.BIAS	0	0:55	06:45:13.4	02:08:14	300	90	3.0	#56 Spectropho	2	
0031-0051.FLAT	16	1:05	06:45:13.4	02:08:14	300	90	3.0	#56 Spectropho	2	
0052.FineFoc	60	1:36	20:01:52.4	31:39:17	300	90	3.0	#56 Spectropho	1	seeing 1.8 arcsec focus 236
0053.BFCyg	1	1:46	19:23:53	29:40:27	300	90	3.0	#12 Symbiotic	2	
0054.BFCyg	60	1:47	19:23:53	29:40:27	300	90	3.0	#12 Symbiotic	2	
0055.COMP	10	1:48	19:23:53	29:40:27	300	90	3.0	#12 Symbiotic	2	
0056.CHCyg	1	1:51	19:24:33	50:14:30	300	90	3.0	#12 Symbiotic	2	
0057.CHCyg	5	1:52	19:24:33	50:14:30	300	90	3.0	#12 Symbiotic	2	
0058.CHCyg	30	1:52	19:24:33	50:14:30	300	90	3.0	#12 Symbiotic	2	
0059.COMP	10	1:53	19:24:33	50:14:30	300	90	3.0	#12 Symbiotic	2	
0060.CICyg	2	1:55	19:50:12	35:41:02	300	90	3.0	#12 Symbiotic	2	
0061.CICyg	20	1:55	19:50:12	35:41:02	300	90	3.0	#12 Symbiotic	2	
0062.CICyg	60	1:56	19:50:12	35:41:02	300	90	3.0	#12 Symbiotic	2	
0063.COMP	10	1:58	19:50:12	35:41:02	300	90	3.0	#12 Symbiotic	2	
0064.PUVu1	1	2:01	20:21:13	21:34:21	300	90	3.0	#12 Symbiotic	2	
0065.PUVu1	10	2:01	20:21:13	21:34:21	300	90	3.0	#12 Symbiotic	2	
0066.PUVu1	60	2:02	20:21:13	21:34:21	300	90	3.0	#12 Symbiotic	2	
0067.COMP	10	2:03	20:21:13	21:34:21	300	90	3.0	#12 Symbiotic	2	

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<i>File</i>	<i>Exp Time</i>	<i>UT Start</i>	<i>RA</i>	<i>Dec</i>	<i>Gr.</i>	<i>P.A.</i>	<i>Slit</i>	<i>Program</i>	<i>Bir</i>	<i>Comments</i>
0068.MRK509	180	2:06	20:44:09.8	-10:43:24	300	90	3.0	#6 AGN Monitor	2	
0069.MRK509	180	2:09	20:44:09.8	-10:43:24	300	90	3.0	#6 AGN Monitor	2	
0070.COMP	10	2:13	20:44:09.8	-10:43:24	300	90	3.0	#6 AGN Monitor	2	
0071.BDp284211	90	2:23	21:51:11.1	28:51:53	300	90	3.0	#56 Spectropho	2	
0072.BDp284211	90	2:27	21:51:11.1	28:51:53	300	90	3.0	#56 Spectropho	2	
0073.COMP	10	2:30	21:51:11.1	28:51:53	300	90	3.0	#56 Spectropho	2	
0074.BDp284211	45	2:59	21:51:11.1	28:51:53	300	90	3.0	#56 Spectropho	4	
0075.BDp284211	45	3:00	21:51:11.1	28:51:53	300	90	3.0	#56 Spectropho	4	
0076.COMP	5	3:01	21:51:11.1	28:51:53	300	90	3.0	#56 Spectropho	4	
0077.BDp174708	45	3:05	22:11:31.4	18:05:33	300	-10	3.0	#56 Spectropho	2	
0078.BDp174708	45	3:06	22:11:31.4	18:05:33	300	-10	3.0	#56 Spectropho	2	
0079.COMP	10	3:07	22:11:31.4	18:05:33	300	-10	3.0	#56 Spectropho	2	
0080.BDp174708	25	3:08	22:11:31.4	18:05:33	300	-10	3.0	#56 Spectropho	4	
0081.BDp174708	25	3:08	22:11:31.4	18:05:33	300	-10	3.0	#56 Spectropho	4	
0082.COMP	5	3:09	22:11:31.4	18:05:33	300	-10	3.0	#56 Spectropho	4	
0083.N7331	180	3:13	22:34:46.9	+34:09:43	300	90	3.0	#57 Velocity S	2	
0084.COMP	10	3:16	22:34:46.9	+34:09:43	300	90	3.0	#57 Velocity S	2	
0085.N7331	180	3:17	22:34:46.9	+34:09:43	300	90	3.0	#57 Velocity S	4	
0086.COMP	5	3:21	22:34:46.9	+34:09:43	300	90	3.0	#57 Velocity S	4	
0087.Akn564	180	3:30	22:42:39.4	+29:43:31	300	90	3.0	#6 AGN Monitor	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0088.Akn564	180	3:33	22:42:39.4	+29:43:31	300	90	3.0	#6 AGN Monitor	2	
0089.COMP	10	3:39	22:42:39.4	+29:43:31	300	90	3.0	#6 AGN Monitor	2	
0090.ZAnd	2	3:41	23:33:40	48:49:06	300	90	3.0	#12 Symbiotic	2	
0091.ZAnd	10	3:41	23:33:40	48:49:06	300	90	3.0	#12 Symbiotic	2	
0092.ZAnd	60	3:41	23:33:40	48:49:06	300	90	3.0	#12 Symbiotic	2	
0093.COMP	10	3:44	23:33:40	48:49:06	300	90	3.0	#12 Symbiotic	2	
0094.RAqr	0	3:47	23:43:49	-15:17:05	300	90	3.0	#12 Symbiotic	2	
0095.RAqr	1	3:47	23:43:49	-15:17:05	300	90	3.0	#12 Symbiotic	2	
0096.RAqr	5	3:48	23:43:49	-15:17:05	300	90	3.0	#12 Symbiotic	2	
0097.RAqr	10	3:48	23:43:49	-15:17:05	300	90	3.0	#12 Symbiotic	2	
0098.COMP	10	3:49	23:43:49	-15:17:05	300	90	3.0	#12 Symbiotic	2	
0099.158m213	400	3:52	00:40:30.2	+40:50:55	300	90	3.0	#57 Velocity S	2	
0100.COMP	10	4:00	00:40:30.2	+40:50:55	300	90	3.0	#57 Velocity S	2	
0101.158m213	300	4:01	00:40:30.2	+40:50:55	300	90	3.0	#57 Velocity S	4	
0102.COMP	5	4:07	00:40:30.2	+40:50:55	300	90	3.0	#57 Velocity S	4	
0103.sn2005e1	1800	11:43	05:11:48.7	+05:11:39	300	45	3.0	#2 SN Observat	2	had to close for 6 hrs b/c of humidity
0104.COMP	10	12:19	05:11:48.7	+05:11:39	300	45	3.0	#2 SN Observat	2	
0105.BXMon	15	12:26	7:25:23	-03:35:51	300	90	3.0	#12 Symbiotic	2	
0106.BXMon	180	12:27	7:25:23	-03:35:51	300	90	3.0	#12 Symbiotic	2	
0107.COMP	10	12:31	7:25:23	-03:35:51	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>Bir</i>	<i>Comments</i>
0108.N3227	150	12:37	10:23:30.6	+19:51:54	300	90	3.0	#6 AGN Monitor	2	
0109.N3227	150	12:40	10:23:30.6	+19:51:54	300	90	3.0	#6 AGN Monitor	2	
0110.COMP	10	12:43	10:23:30.6	+19:51:54	300	90	3.0	#6 AGN Monitor	2	
0111-0120.BIAS	0	12:50	10:23:30.6	+19:51:54	300	90	3.0	#12 Symbiotic	4	
0121-0130.FLAT	8	12:54	10:23:30.6	+19:51:54	300	90	3.0	#12 Symbiotic	4	
0131-0140.BIAS	0	12:56	10:23:30.6	+19:51:54	300	90	3.0	#12 Symbiotic	2	
0141-0161.FLAT	16	13:06	10:23:30.6	+19:51:54	300	90	3.0	#12 Symbiotic	2	
0162-0166.DARK	900	14:14	10:23:30.6	+19:51:54	300	90	3.0	#12 Symbiotic	4	
0167-0171.DARK	900	15:30	10:23:30.6	+19:51:54	300	90	3.0	#12 Symbiotic	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0001-0005.DARK	900	21:46	10:23:30.6	+19:51:54	300	90	3.0	#12 Symbiotic	4	
0006-0010.DARK	900	23:02	10:23:30.6	+19:51:54	300	90	3.0	#12 Symbiotic	2	
0011-0020.BIAS	0	0:34	10:23:30.6	+19:51:54	300	90	3.0	#12 Symbiotic	4	
0021-0030.FLAT	8	0:37	10:23:30.6	+19:51:54	300	90	3.0	#12 Symbiotic	4	
0031-0040.BIAS	0	0:40	10:23:30.6	+19:51:54	300	90	3.0	#12 Symbiotic	2	
0041-0061.FLAT	16	0:50	10:23:30.6	+19:51:54	300	90	3.0	#12 Symbiotic	2	
0062.FineFoc	60	1:27	20:01:52.4	31:39:17	300	90	3.0	#12 Symbiotic	1	seeing 1.8arcec, focus=239
0063.YYHer	10	1:39	18:14:34	20:59:19	300	90	3.0	#12 Symbiotic	2	
0064.YYHer	60	1:40	18:14:34	20:59:19	300	90	3.0	#12 Symbiotic	2	
0065.COMP	10	1:42	18:14:34	20:59:19	300	90	3.0	#12 Symbiotic	2	
0066.V443Her	5	1:44	18:22:07	23:27:20	300	90	3.0	#12 Symbiotic	2	
0067.V443Her	45	1:45	18:22:07	23:27:20	300	90	3.0	#12 Symbiotic	2	
0068.V443Her	90	1:46	18:22:07	23:27:20	300	90	3.0	#12 Symbiotic	2	
0069.COMP	10	1:47	18:22:07	23:27:20	300	90	3.0	#12 Symbiotic	2	
0070.3C390.3	300	1:53	18:42:09.0	79:46:17	300	90	3.0	#6 AGN Monitor	2	
0071.3C390.3	300	1:59	18:42:09.0	79:46:17	300	90	3.0	#6 AGN Monitor	2	
0072.3C390.3	300	2:04	18:42:09.0	79:46:17	300	90	3.0	#6 AGN Monitor	2	
0073.COMP	10	2:09	18:42:09.0	79:46:17	300	90	3.0	#6 AGN Monitor	2	
0074.BDp284211	90	2:13	21:51:11.1	28:51:53	300	90	3.0	#56 Spectropho	2	
0075.BDp284211	90	2:14	21:51:11.1	28:51:53	300	90	3.0	#56 Spectropho	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0076.COMP	10	2:17	21:51:11.1	28:51:53	300	90	3.0	#56 Spectropho	2	
0077.BDp174708	45	2:20	22:11:31.4	18:05:33	300	90	3.0	#56 Spectropho	2	
0078.BDp174708	45	2:21	22:11:31.4	18:05:33	300	90	3.0	#56 Spectropho	2	
0079.COMP	10	2:22	22:11:31.4	18:05:33	300	90	3.0	#56 Spectropho	2	
0080.N7331	180	2:25	22:34:46.9	+34:09:43	300	90	3.0	#57 Velocity S	2	
0081.COMP	10	2:28	22:34:46.9	+34:09:43	300	90	3.0	#57 Velocity S	2	
0082.sn2005he	1800	2:37	22:39:45.4	+34:22:43	300	90	3.0	#2 SN Observat	2	row=78
0083.COMP	10	3:08	22:39:45.4	+34:22:43	300	90	3.0	#2 SN Observat	2	
0084.N7469	120	3:12	23:03:15.7	+08:52:27	300	90	3.0	#6 AGN Monitor	2	
0085.N7469	120	3:14	23:03:15.7	+08:52:27	300	90	3.0	#6 AGN Monitor	2	
0086.COMP	10	3:17	23:03:15.7	+08:52:27	300	90	3.0	#6 AGN Monitor	2	
0087.2M00530553-0337456	1200	3:24	00:53:5.5	-03:37:45	300	90	3.0	#141 Mapping t	2	
0088.COMP	10	3:45	00:53:5.5	-03:37:45	300	90	3.0	#141 Mapping t	2	
0089.2M00591354-0222413	1500	3:48	00:59:13.5	-02:22:41	300	90	3.0	#141 Mapping t	2	
0090.COMP	10	4:13	00:59:13.5	-02:22:41	300	90	3.0	#141 Mapping t	2	
0091.2M01021784-0613364	1200	4:17	01:02:17.8	-06:13:36	300	90	3.0	#141 Mapping t	2	
0092.COMP	10	4:37	01:02:17.8	-06:13:36	300	90	3.0	#141 Mapping t	2	
0093.FineFoc	60	4:44	23:58:45.8	31:56:24	300	90	3.0	#12 Symbiotic	1	seeing 1.5 arcsec
0094.2M01101651-0558204	1500	4:55	01:10:16.5	-05:58:20	300	90	3.0	#141 Mapping t	2	
0095.COMP	10	5:22	01:10:16.5	-05:58:20	300	90	3.0	#141 Mapping t	2	



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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0096.2M01151176+0217230	1500	5:29	01:15:11.7	+02:17:23	300	90	3.0	#141 Mapping t	2	
0097.COMP	10	5:54	01:15:11.7	+02:17:23	300	90	3.0	#141 Mapping t	2	
0098.158m213	300	5:58	00:40:30.2	+40:50:55	300	90	3.0	#57 Velocity S	2	
0099.COMP	10	6:04	00:40:30.2	+40:50:55	300	90	3.0	#57 Velocity S	2	
0100.sn2005hf	1500	6:12	01:27:05.9	19:07:00	300	90	3.0	#2 SN Observat	2	
0101.COMP	10	6:51	01:27:05.9	19:07:00	300	90	3.0	#2 SN Observat	2	
0102.sn2005hg	1800	6:59	01:55:41.8	+46:47:47	300	90	3.0	#2 SN Observat	2	
0103.COMP	10	7:30	01:55:41.8	+46:47:47	300	90	3.0	#2 SN Observat	2	
0104.0407_22	1500	7:38	03:02:05.7	+35:47:15	300	90	3.0	#160 2MACS	2	
0105.COMP	10	8:04	03:02:05.7	+35:47:15	300	90	3.0	#160 2MACS	2	
0106.sn2005eu	1500	8:16	02:27:43.2	+28:10:36	300	90	3.0	#2 SN Observat	2	
0107.COMP	10	8:42	02:27:43.2	+28:10:36	300	90	3.0	#2 SN Observat	2	
0108.0407_23	1500	8:46	03:01:14.3	+35:49:36	300	90	3.0	#160 2MACS	2	row=74
0109.COMP	10	9:15	03:01:14.3	+35:49:36	300	90	3.0	#160 2MACS	2	
0110.0407_24	1200	9:17	03:01:14.0	+35:52:47	300	90	3.0	#160 2MACS	2	
0111.COMP	10	9:37	03:01:14.0	+35:52:47	300	90	3.0	#160 2MACS	2	
0112.0407_25	1500	9:40	03:01:28.4	+35:53:02	300	90	3.0	#160 2MACS	2	
0113.COMP	10	10:06	03:01:28.4	+35:53:02	300	90	3.0	#160 2MACS	2	
0114.0407_26	1500	10:08	03:00:55.8	+35:53:26	300	90	3.0	#160 2MACS	2	
0115.COMP	10	10:34	03:00:55.8	+35:53:26	300	90	3.0	#160 2MACS	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>Bir</i>	<i>Comments</i>
0116.0407_27	1500	10:35	03:02:46.9	+35:54:14	300	90	3.0	#160 2MACS	2	
0117.COMP	10	11:01	03:02:46.9	+35:54:14	300	90	3.0	#160 2MACS	2	
0118.sn2005ha	1800	11:07	06:21:49.0	+00:21:55	300	1	3.0	#2 SN Observat	2	
0119.COMP	10	11:45	06:21:49.0	+00:21:55	300	1	3.0	#2 SN Observat	2	
0120.0592_02	1800	11:53	07:43:40.8	09:10:02	300	90	3.0	#160 2MACS	2	
0121.COMP	10	12:24	07:43:40.8	09:10:02	300	90	3.0	#160 2MACS	2	
0122.N3227	150	12:27	10:23:30.6	+19:51:54	300	90	3.0	#6 AGN Monitor	2	
0123.N3227	150	12:30	10:23:30.6	+19:51:54	300	90	3.0	#6 AGN Monitor	2	
0124.COMP	10	12:33	10:23:30.6	+19:51:54	300	90	3.0	#6 AGN Monitor	2	
0125-0134.BIAS	0	13:03	10:23:30.6	+19:51:54	300	90	3.0	#2 SN Observat	4	
0135-0144.FLAT	8	13:06	10:23:30.6	+19:51:54	300	90	3.0	#2 SN Observat	4	
0145-0154.BIAS	0	13:08	10:23:30.6	+19:51:54	300	90	3.0	#2 SN Observat	2	
0155-0175.FLAT	16	13:19	10:23:30.6	+19:51:54	300	90	3.0	#2 SN Observat	2	
0176-0180.DARK	900	14:40	10:23:30.6	+19:51:54	300	90	3.0	#2 SN Observat	4	
0181-0185.DARK	900	15:56	10:23:30.6	+19:51:54	300	90	3.0	#2 SN Observat	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0001-0005.DARK	900	22:12	10:23:30.6	+19:51:54	300	90	3.0	#2 SN Observat	4	
0006-0010.DARK	900	23:29	10:23:30.6	+19:51:54	300	90	3.0	#2 SN Observat	2	
0011-0020.BIAS	0	0:43	10:23:30.6	+19:51:54	300	90	3.0	#2 SN Observat	4	
0021-0030.FLAT	8	0:46	10:23:30.6	+19:51:54	300	90	3.0	#2 SN Observat	4	
0031-0040.BIAS	0	0:48	10:23:30.6	+19:51:54	300	90	3.0	#2 SN Observat	2	
0041-0061.FLAT	16	0:59	10:23:30.6	+19:51:54	300	90	3.0	#2 SN Observat	2	
0062.FineFoc	60	1:31	20:01:52.4	31:39:17	300	90	3.0	#2 SN Observat	1	seeing 1.9 arcsec, focus 239
0063.BDp284211	90	1:39	21:51:11.1	28:51:53	300	90	3.0	#56 Spectropho	2	
0064.BDp284211	90	1:41	21:51:11.1	28:51:53	300	90	3.0	#56 Spectropho	2	
0065.COMP	10	1:43	21:51:11.1	28:51:53	300	90	3.0	#56 Spectropho	2	
0066.Akn564	180	1:49	22:42:39.4	+29:43:31	300	90	3.0	#6 AGN Monitor	2	
0067.Akn564	180	1:52	22:42:39.4	+29:43:31	300	90	3.0	#6 AGN Monitor	2	
0068.COMP	10	1:56	22:42:39.4	+29:43:31	300	90	3.0	#6 AGN Monitor	2	
0069.N7469	120	1:58	23:03:15.7	+08:52:27	300	90	3.0	#6 AGN Monitor	2	
0070.N7469	120	2:01	23:03:15.7	+08:52:27	300	90	3.0	#6 AGN Monitor	2	
0071.COMP	10	2:04	23:03:15.7	+08:52:27	300	90	3.0	#6 AGN Monitor	2	
0072.MRK509	180	2:10	20:44:09.8	-10:43:24	300	90	3.0	#6 AGN Monitor	2	
0073.MRK509	180	2:14	20:44:09.8	-10:43:24	300	90	3.0	#6 AGN Monitor	2	
0074.COMP	10	2:19	20:44:09.8	-10:43:24	300	90	3.0	#6 AGN Monitor	2	
0075.N7331	180	2:22	22:34:46.9	+34:09:43	300	90	3.0	#57 Velocity S	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0076.COMP	10	2:28	22:34:46.9	+34:09:43	300	90	3.0	#57 Velocity S	2	
0077.BDp174708	45	2:30	22:11:31.4	18:05:33	300	90	3.0	#56 Spectropho	2	
0078.BDp174708	45	2:31	22:11:31.4	18:05:33	300	90	3.0	#56 Spectropho	2	
0079.COMP	10	2:35	22:11:31.4	18:05:33	300	90	3.0	#56 Spectropho	2	
0080.2M22063807-0218469	1800	2:44	22:06:38.0	-02:18:46	300	90	3.0	#141 Mapping t	2	
0081.COMP	10	3:15	22:06:38.0	-02:18:46	300	90	3.0	#141 Mapping t	2	
0082.2M22083206+4508205	1800	3:21	22:08:32.0	+45:08:20	300	80	3.0	#141 Mapping t	2	
0083.COMP	10	3:52	22:08:32.0	+45:08:20	300	80	3.0	#141 Mapping t	2	
0084.2M01142841+5108380	1500	4:01	01:14:28.3	+51:08:38	300	90	3.0	#141 Mapping t	2	
0085.COMP	10	4:26	01:14:28.3	+51:08:38	300	90	3.0	#141 Mapping t	2	
0086.2M01315581+4547465	1500	4:28	01:31:55.8	+45:47:46	300	90	3.0	#141 Mapping t	2	
0087.COMP	10	4:54	01:31:55.8	+45:47:46	300	90	3.0	#141 Mapping t	2	
0088.sn2005hf	1200	5:05	01:27:05.9	19:07:00	300	110	3.0	#2 SN Observat	2	
0089.COMP	10	5:25	01:27:05.9	19:07:00	300	110	3.0	#2 SN Observat	2	
0090.2M01353235+2634278	1200	5:31	01:35:32.3	+26:34:27	300	90	3.0	#141 Mapping t	2	
0091.COMP	10	5:51	01:35:32.3	+26:34:27	300	90	3.0	#141 Mapping t	2	
0092.sn2005hg	1800	5:54	01:55:41.8	+46:47:47	300	90	3.0	#2 SN Observat	2	
0093.COMP	10	6:25	01:55:41.8	+46:47:47	300	90	3.0	#2 SN Observat	2	
0094.0407_28	1200	6:29	03:01:40.2	+35:55:35	300	90	3.0	#160 2MACS	2	
0095.COMP	10	6:50	03:01:40.2	+35:55:35	300	90	3.0	#160 2MACS	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0096.0407_29	1500	6:52	02:59:24.6	+35:55:59	300	90	3.0	#160 2MACS	2	
0097.COMP	10	7:18	02:59:24.6	+35:55:59	300	90	3.0	#160 2MACS	2	
0098.0407_30	1200	7:21	02:59:31.6	+35:56:30	300	90	3.0	#160 2MACS	2	row=80
0099.COMP	10	7:48	02:59:31.6	+35:56:30	300	90	3.0	#160 2MACS	2	
0100.sn2005eq	1500	7:54	3:08:49.3	-07:01:59	300	0	3.0	#2 SN Observat	2	
0101.COMP	10	8:19	3:08:49.3	-07:01:59	300	0	3.0	#2 SN Observat	2	
0102.Akn120	300	8:24	05:13:38.0	-00:12:15	300	90	3.0	#6 AGN Monitor	2	row80
0103.COMP	10	8:30	05:13:38.0	-00:12:15	300	90	3.0	#6 AGN Monitor	2	
0104.0407_31	1500	8:36	02:58:59.6	+35:56:44	300	90	3.0	#160 2MACS	2	
0105.COMP	10	9:01	02:58:59.6	+35:56:44	300	90	3.0	#160 2MACS	2	
0106.0407_32	1500	9:04	02:59:40.0	+35:57:31	300	90	3.0	#160 2MACS	2	
0107.COMP	10	9:30	02:59:40.0	+35:57:31	300	90	3.0	#160 2MACS	2	
0108.cvso-246839	360	9:36	05:40:25.5	-04:02:53	300	90	3.0	#112 Orion PMS	2	
0109.COMP	10	9:56	05:40:25.5	-04:02:53	300	90	3.0	#112 Orion PMS	2	
0110.FineFoc	60	10:00	04:59:38.2	31:16:31	300	90	3.0	#2 SN Observat	1	seeing 1.6 arcsec
0111.cvso-249337	480	10:15	05:41:39.0	-01:59:36	300	90	3.0	#112 Orion PMS	2	
0112.COMP	10	10:25	05:41:39.0	-01:59:36	300	90	3.0	#112 Orion PMS	2	
0113.HD52071	5	10:29	06:57:51	+27:13:42	300	90	3.0	#57 Velocity S	2	
0114.COMP	10	10:29	06:57:51	+27:13:42	300	90	3.0	#57 Velocity S	2	
0115.0592_03	1200	10:34	07:44:10.8	09:14:04	300	90	3.0	#160 2MACS	2	

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0116.COMP	10	10:57	07:44:10.8	09:14:04	300	90	3.0	#160 2MACS	2	
0117.0592_04	1200	11:01	07:43:50.5	09:14:36	300	90	3.0	#160 2MACS	2	
0118.COMP	10	11:22	07:43:50.5	09:14:36	300	90	3.0	#160 2MACS	2	
0119.BGGem	300	11:25	6:03:31	27:41:50	300	90	3.0	#12 Symbiotic	2	row=81
0120.BGGem	1200	11:31	6:03:31	27:41:50	300	90	3.0	#12 Symbiotic	2	
0121.COMP	10	11:51	6:03:31	27:41:50	300	90	3.0	#12 Symbiotic	2	
0122-0131.BIAS	0	12:04	6:03:31	27:41:50	300	90	3.0	#2 SN Observat	4	
0132-0141.FLAT	8	12:08	6:03:31	27:41:50	300	90	3.0	#2 SN Observat	4	
0142-0151.BIAS	0	12:10	6:03:31	27:41:50	300	90	3.0	#2 SN Observat	2	
0152-0172.FLAT	16	12:21	6:03:31	27:41:50	300	90	3.0	#2 SN Observat	2	
0173-0177.DARK	900	13:37	6:03:31	27:41:50	300	90	3.0	#2 SN Observat	4	
0178-0182.DARK	900	14:54	6:03:31	27:41:50	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>Bir</i>	<i>Comments</i>
0001-0005.DARK	900	21:10	6:03:31	27:41:50	300	90	3.0	#2 SN Observat	4	
0006-0010.DARK	900	22:26	6:03:31	27:41:50	300	90	3.0	#2 SN Observat	2	
0011.BIAS	0	0:32	6:03:31	27:41:50	300	90	3.0	#2 SN Observat	2	
0012.COMP	12	0:33	6:03:31	27:41:50	300	90	3.0	#2 SN Observat	2	
0013.BIAS	0	0:38	6:03:31	27:41:50	300	90	3.0	#2 SN Observat	2	
0014-0023.BIAS	0	0:43	6:03:31	27:41:50	300	90	3.0	#2 SN Observat	4	
0024-0033.FLAT	8	0:46	6:03:31	27:41:50	300	90	3.0	#2 SN Observat	4	
0034-0043.BIAS	0	0:49	6:03:31	27:41:50	300	90	3.0	#2 SN Observat	2	
0044-0056.FLAT	16	0:55	6:03:31	27:41:50	300	90	3.0	#2 SN Observat	2	
0057.COMP.ms	5	1:10	2:10:00	32:00:00	300	90	3.0	#57 Velocity S	1	
0057-0064.FLAT	16	0:59	6:03:31	27:41:50	300	90	3.0	#2 SN Observat	2	
0065.N7331	180	1:43	22:34:46.9	+34:09:43	300	90	3.0	#57 Velocity S	2	
0066.N7331	180	1:46	22:34:46.9	+34:09:43	300	90	3.0	#57 Velocity S	2	
0067.COMP	12	1:50	22:34:46.9	+34:09:43	300	90	3.0	#57 Velocity S	2	
0070.BDp284211	90	2:09	21:51:11.1	28:51:53	300	90	3.0	#56 Spectropho	2	
0071.COMP	12	2:12	21:51:11.1	28:51:53	300	90	3.0	#56 Spectropho	2	
0072.BDp284211	90	2:14	21:51:11.1	28:51:53	300	90	3.0	#56 Spectropho	2	
0073.COMP	12	2:17	21:51:11.1	28:51:53	300	90	3.0	#56 Spectropho	2	
0074.BDp174708	45	2:19	22:11:31.4	18:05:33	300	90	3.0	#56 Spectropho	2	
0075.BDp174708	45	2:20	22:11:31.4	18:05:33	300	90	3.0	#56 Spectropho	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0076.COMP	12	2:22	22:11:31.4	18:05:33	300	90	3.0	#56 Spectropho	2	
0077.FineFoc	60	2:31	21:58:46.8	30:49:16	300	90	3.0	#57 Velocity S	1	
0078.2M21070119+0350363	1200	3:11	21:07:01.1	+03:50:36	300	90	3.0	#141 Mapping t	2	
0079.COMP	12	3:32	21:07:01.1	+03:50:36	300	90	3.0	#141 Mapping t	2	
0080.COMP	12	3:44	21:07:01.1	+03:50:36	300	90	3.0	#141 Mapping t	2	
0081.2M21071327+0118133	1200	3:56	21:07:13.2	+01:18:13	300	95	3.0	#141 Mapping t	2	
0082.COMP	12	4:23	21:07:13.2	+01:18:13	300	95	3.0	#141 Mapping t	2	
0083.2M21072869+4001220	1500	4:37	21:07:28.6	+40:01:22	300	90	3.0	#141 Mapping t	2	
0084.COMP	12	5:02	21:07:28.6	+40:01:22	300	90	3.0	#141 Mapping t	2	
0085.MRK335	150	5:23	00:06:19.6	+20:12:11	300	90	3.0	#6 AGN Monitor	2	
0086.MRK335	150	5:26	00:06:19.6	+20:12:11	300	90	3.0	#6 AGN Monitor	2	
0087.COMP	12	5:29	00:06:19.6	+20:12:11	300	90	3.0	#6 AGN Monitor	2	
0088.2M01012279+8205535	1200	5:48	01:01:22.8	+82:05:53	300	90	3.0	#141 Mapping t	2	
0089.COMP	12	6:09	01:01:22.8	+82:05:53	300	90	3.0	#141 Mapping t	2	
0090.2M01151888+1615241	1200	6:16	01:15:18.8	+16:15:23	300	90	3.0	#141 Mapping t	2	
0091.COMP	12	6:36	01:15:18.8	+16:15:23	300	90	3.0	#141 Mapping t	2	
0092.2M01155228-0122063	1200	6:41	01:15:52.2	-01:22:6	300	90	3.0	#141 Mapping t	2	
0093.COMP	12	7:02	01:15:52.2	-01:22:6	300	90	3.0	#141 Mapping t	2	
0094.2M02084047+3331581	1200	7:07	02:08:40.4	+33:31:58	300	90	3.0	#141 Mapping t	2	
0095.COMP	12	7:28	02:08:40.4	+33:31:58	300	90	3.0	#141 Mapping t	2	



UT Date 2005-10-29 Observers W PetersColl. Focus 1020 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>Bir</i>	<i>Comments</i>
0096.2M02090525+3506040	1200	7:37	02:09:5.2	+35:06:4	300	85	3.0	#141 Mapping t	2	
0097.COMP	12	7:57	02:09:5.2	+35:06:4	300	85	3.0	#141 Mapping t	2	
0098.0407_38	1200	8:04	03:00:34.8	+36:05:05	300	90	3.0	#160 2MACS	2	
0099.COMP	12	8:25	03:00:34.8	+36:05:05	300	90	3.0	#160 2MACS	2	
0100-0109.BIAS	0	11:40	07:43:50.5	09:14:36	300	90	3.0	#57 Velocity S	4	
0110-0119.FLAT	8	11:43	07:43:50.5	09:14:36	300	90	3.0	#57 Velocity S	4	
0120-0129.BIAS	0	11:45	07:43:50.5	09:14:36	300	90	3.0	#57 Velocity S	2	
0130-0150.FLAT	16	11:56	07:43:50.5	09:14:36	300	90	3.0	#57 Velocity S	2	
0151-0160.DARK	900	15:00	07:43:50.5	09:14:36	300	90	3.0	#57 Velocity S	4	
0161-0170.DARK	900	17:32	07:43:50.5	09:14:36	300	90	3.0	#57 Velocity S	2	

UT Date 2005-10-30 Observers W PetersColl. Focus 980 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0001-0010.BIAS	0	0:19	07:43:50.5	09:14:36	300	90	3.0	#57 Velocity S	4	
0011-0020.FLAT	8	0:23	07:43:50.5	09:14:36	300	90	3.0	#57 Velocity S	4	
0021-0030.BIAS	0	0:25	07:43:50.5	09:14:36	300	90	3.0	#57 Velocity S	2	
0031-0050.FLAT	16	0:35	07:43:50.5	09:14:36	300	90	3.0	#57 Velocity S	2	
0051.FLAT	16	0:35	07:43:50.5	09:14:36	300	90	3.0	#57 Velocity S	2	flats at foc=1020 will redo in a.m.
0052.N7331	180	2:15	22:34:46.9	+34:09:43	300	90	3.0	#57 Velocity S	2	Data taken at focus = 980
0053.N7331	180	2:18	22:34:46.9	+34:09:43	300	90	3.0	#57 Velocity S	2	
0054.COMP	12	2:22	22:34:46.9	+34:09:43	300	90	3.0	#57 Velocity S	2	
0055.BDp284211	90	2:28	21:51:11.1	28:51:53	300	90	3.0	#56 Spectropho	2	
0056.BDp284211	90	2:30	21:51:11.1	28:51:53	300	90	3.0	#56 Spectropho	2	
0057.COMP	12	2:32	21:51:11.1	28:51:53	300	90	3.0	#56 Spectropho	2	
0058.BDp174708	45	2:36	22:11:31.4	18:05:33	300	90	3.0	#56 Spectropho	2	
0059.BDp174708	45	2:37	22:11:31.4	18:05:33	300	90	3.0	#56 Spectropho	2	
0060.COMP	12	2:41	22:11:31.4	18:05:33	300	90	3.0	#56 Spectropho	2	
0061.N7469	120	2:56	23:03:15.7	+08:52:27	300	-30	3.0	#6 AGN Monitor	2	
0062.N7469	120	2:59	23:03:15.7	+08:52:27	300	-30	3.0	#6 AGN Monitor	2	May be truncated
0063.COMP	12	3:01	23:03:15.7	+08:52:27	300	-30	3.0	#6 AGN Monitor	2	
0064.N7469	120	3:03	23:03:15.7	+08:52:27	300	-30	3.0	#6 AGN Monitor	2	
0065.Akn564	180	3:14	22:42:39.4	+29:43:31	300	-66	3.0	#6 AGN Monitor	2	
0066.Akn564	180	3:17	22:42:39.4	+29:43:31	300	-66	3.0	#6 AGN Monitor	2	

UT Date 2005-10-30 Observers W PetersColl. Focus 980 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0067.COMP	12	3:21	22:42:39.4	+29:43:31	300	-66	3.0	#6 AGN Monitor	2	
0068.2M21075004+1809096	1200	3:38	21:07:50.0	+18:09:09	300	54	3.0	#141 Mapping t	2	
0069.COMP	1200	3:58	21:07:50.0	+18:09:09	300	54	3.0	#141 Mapping t	2	
0070.2M21075565+1844296	1200	4:11	21:07:55.6	+18:44:29	300	62	3.0	#141 Mapping t	2	
0071.COMP	12	4:31	21:07:55.6	+18:44:29	300	62	3.0	#141 Mapping t	2	
0072.sn2005hf	1200	5:00	01:27:05.9	19:07:00	300	-50	3.0	#2 SN Observat	2	
0073.COMP	12	5:20	01:27:05.9	19:07:00	300	-50	3.0	#2 SN Observat	2	
0074.sn2005hg	1800	5:47	01:55:41.8	+46:47:47	300	40	3.0	#2 SN Observat	2	
0075.COMP	12	6:18	01:55:41.8	+46:47:47	300	40	3.0	#2 SN Observat	2	
0076.sn2005hg	1800	6:29	01:55:41.8	+46:47:47	300	90	3.0	#2 SN Observat	2	
0077.COMP	12	7:01	01:55:41.8	+46:47:47	300	90	3.0	#2 SN Observat	2	
0078.sn2005hc	1800	7:22	01:56:47.9	-00:12:49	300	15	3.0	#2 SN Observat	2	
0079.COMP	12	7:52	01:56:47.9	-00:12:49	300	15	3.0	#2 SN Observat	2	
0080.2M03004693+2048052	1200	8:15	03:00:46.9	+20:48:5	300	90	3.0	#141 Mapping t	2	
0081.COMP	12	8:35	03:00:46.9	+20:48:5	300	90	3.0	#141 Mapping t	2	
0082.0407_48	1200	8:38	03:01:26.8	+36:16:51	300	90	3.0	#160 2MACS	2	
0083.COMP	12	8:59	03:01:26.8	+36:16:51	300	90	3.0	#160 2MACS	2	
0084.0407_49	1200	9:03	03:01:09.4	+36:19:49	300	102	3.0	#160 2MACS	2	
0085.COMP	12	9:24	03:01:09.4	+36:19:49	300	102	3.0	#160 2MACS	2	
0086.0407_50	1200	9:27	03:00:47.5	+36:22:06	300	97	3.0	#160 2MACS	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>Bir</i>	<i>Comments</i>
0087.COMP	12	9:50	03:00:47.5	+36:22:06	300	97	3.0	#160 2MACS	2	
0088.0407_33	1200	10:03	02:59:23.8	+35:58:17	300	91	3.0	#160 2MACS	2	
0089.COMP	12	10:24	02:59:23.8	+35:58:17	300	91	3.0	#160 2MACS	2	
0090.0407_47	1200	10:29	03:00:13.6	+36:15:29	300	86	3.0	#160 2MACS	2	
0091.COMP	12	10:50	03:00:13.6	+36:15:29	300	86	3.0	#160 2MACS	2	
0092.cvso-249402	600	10:59	05:42:09.1	-02:08:17	300	90	3.0	#112 Orion PMS	2	
0093.COMP	12	11:09	05:42:09.1	-02:08:17	300	90	3.0	#112 Orion PMS	2	
0094.cvso-249430	600	11:17	05:42:21.1	-02:15:18	300	90	3.0	#112 Orion PMS	2	
0095.COMP	12	11:28	05:42:21.1	-02:15:18	300	90	3.0	#112 Orion PMS	2	
0096.cvso-271069	600	11:45	05:42:11.9	-02:45:21	300	90	3.0	#112 Orion PMS	2	
0097.COMP	12	11:56	05:42:11.9	-02:45:21	300	90	3.0	#112 Orion PMS	2	
0098.0592_04	1800	12:10	07:43:50.5	09:14:36	300	40	3.0	#160 2MACS	2	
0099.COMP	12	12:40	07:43:50.5	09:14:36	300	40	3.0	#160 2MACS	2	
0100-0109.BIAS	0	12:54	07:43:50.5	09:14:36	300	90	3.0	#56 Spectropho	4	
0110-0119.FLAT	8	12:58	07:43:50.5	09:14:36	300	90	3.0	#56 Spectropho	4	
0120-0129.BIAS	0	13:00	07:43:50.5	09:14:36	300	90	3.0	#56 Spectropho	2	
0130-0150.FLAT	16	13:10	07:43:50.5	09:14:36	300	90	3.0	#56 Spectropho	2	
0151-0155.DARK	900	14:25	07:43:50.5	09:14:36	300	90	3.0	#56 Spectropho	4	
0156-0160.DARK	900	15:41	07:43:50.5	09:14:36	300	90	3.0	#56 Spectropho	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001.BIAS	0	0:07	07:43:50.5	09:14:36	300	90	3.0	#56 Spectropho	2	
0002.COMP	12	0:11	07:43:50.5	09:14:36	300	90	3.0	#56 Spectropho	2	
0003-0012.BIAS	0	0:20	07:43:50.5	09:14:36	300	90	3.0	#56 Spectropho	4	
0013-0022.FLAT	8	0:23	07:43:50.5	09:14:36	300	90	3.0	#56 Spectropho	4	
0023-0032.BIAS	0	0:25	07:43:50.5	09:14:36	300	90	3.0	#56 Spectropho	2	
0033-0053.FLAT	16	0:36	07:43:50.5	09:14:36	300	90	3.0	#56 Spectropho	2	
0054.N7331	180	1:25	22:34:46.9	+34:09:43	300	90	3.0	#57 Velocity S	2	
0055.N7331	180	1:28	22:34:46.9	+34:09:43	300	90	3.0	#57 Velocity S	2	
0056.COMP	12	1:32	22:34:46.9	+34:09:43	300	90	3.0	#57 Velocity S	2	
0057.MRK509	180	1:39	20:44:09.8	-10:43:24	300	90	3.0	#6 AGN Monitor	2	
0058.MRK509	180	1:42	20:44:09.8	-10:43:24	300	90	3.0	#6 AGN Monitor	2	
0059.COMP	12	1:46	20:44:09.8	-10:43:24	300	90	3.0	#6 AGN Monitor	2	
0060.BDp284211	120	1:51	21:51:11.1	28:51:53	300	90	3.0	#56 Spectropho	2	too long doing over
0061.COMP	12	1:55	21:51:11.1	28:51:53	300	90	3.0	#56 Spectropho	2	
0062.BDp174708	45	2:00	22:11:31.4	18:05:33	300	90	3.0	#56 Spectropho	2	
0063.BDp174708	45	2:02	22:11:31.4	18:05:33	300	90	3.0	#56 Spectropho	2	
0064.COMP	12	2:03	22:11:31.4	18:05:33	300	90	3.0	#56 Spectropho	2	
0065.BDp284211	90	2:05	21:51:11.1	28:51:53	300	90	3.0	#56 Spectropho	2	
0066.BDp284211	90	2:06	21:51:11.1	28:51:53	300	90	3.0	#56 Spectropho	2	
0067.COMP	12	2:09	21:51:11.1	28:51:53	300	90	3.0	#56 Spectropho	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0068.2M21081008+0426309	1200	2:16	21:08:10.0	+04:26:30	300	90	3.0	#141 Mapping t	2	
0069.COMP	12	2:37	21:08:10.0	+04:26:30	300	90	3.0	#141 Mapping t	2	
0070.2M21081368+2714083	1200	2:43	21:08:13.6	+27:14:08	300	80	3.0	#141 Mapping t	2	
0071.COMP	12	3:05	21:08:13.6	+27:14:08	300	80	3.0	#141 Mapping t	2	
0072.2M21085715+1514490	1200	3:08	21:08:57.1	+15:14:49	300	90	3.0	#141 Mapping t	2	
0073.COMP	12	3:29	21:08:57.1	+15:14:49	300	90	3.0	#141 Mapping t	2	
0074.2M22404034+4054476	1200	3:32	22:40:40.3	+40:54:47	300	90	3.0	#141 Mapping t	2	
0075.COMP	12	3:54	22:40:40.3	+40:54:47	300	90	3.0	#141 Mapping t	2	
0076.2M22405020+4320243	1200	4:00	22:40:50.2	+43:20:24	300	100	3.0	#141 Mapping t	2	
0077.COMP	12	4:21	22:40:50.2	+43:20:24	300	100	3.0	#141 Mapping t	2	
0078.0407_39	1200	4:25	03:02:20.3	+36:06:36	300	90	3.0	#160 2MACS	2	
0079.COMP	12	4:46	03:02:20.3	+36:06:36	300	90	3.0	#160 2MACS	2	
0080.158m213	300	4:55	00:40:30.2	+40:50:55	300	60	3.0	#57 Velocity S	2	
0081.COMP	12	5:01	00:40:30.2	+40:50:55	300	60	3.0	#57 Velocity S	2	
0082.sn2005hf	1200	5:31	01:27:05.9	19:07:00	300	-46	3.0	#2 SN Observat	2	
0083.COMP	12	5:51	01:27:05.9	19:07:00	300	-46	3.0	#2 SN Observat	2	
0084.sn2005hg	1800	6:04	01:55:41.8	+46:47:47	300	42	3.0	#2 SN Observat	2	
0085.COMP	12	6:35	01:55:41.8	+46:47:47	300	42	3.0	#2 SN Observat	2	
0086.sn2005hc	1200	6:44	01:56:47.9	-00:12:49	300	-1	3.0	#2 SN Observat	2	
0087.COMP	12	7:04	01:56:47.9	-00:12:49	300	-1	3.0	#2 SN Observat	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0088.2M02054649+3043433	1200	7:13	02:05:46.5	+30:43:43	300	95	3.0	#141 Mapping t	2	
0089.COMP	12	7:34	02:05:46.5	+30:43:43	300	95	3.0	#141 Mapping t	2	
0090.2M02080782+4629598	1200	7:39	02:08:7.8	+46:30:0	300	100	3.0	#141 Mapping t	2	
0091.COMP	12	8:00	02:08:7.8	+46:30:0	300	100	3.0	#141 Mapping t	2	
0092.0407_41	1200	8:06	03:02:04.0	+36:10:04	300	85	3.0	#160 2MACS	2	
0093.COMP	12	8:26	03:02:04.0	+36:10:04	300	85	3.0	#160 2MACS	2	
0094.0407_40	1200	8:32	03:00:13.6	+36:06:40	300	105	3.0	#160 2MACS	2	
0095.COMP	12	8:52	03:00:13.6	+36:06:40	300	105	3.0	#160 2MACS	2	
0096.0407_46	1200	9:00	03:00:24.7	+36:14:54	300	90	3.0	#160 2MACS	2	
0097.COMP	12	9:20	03:00:24.7	+36:14:54	300	90	3.0	#160 2MACS	2	
0098.0407_42	1200	9:25	02:59:41.6	+36:10:40	300	90	3.0	#160 2MACS	2	
0099.COMP	12	9:45	02:59:41.6	+36:10:40	300	90	3.0	#160 2MACS	2	
0100.Akn120	300	9:51	05:13:38.0	-00:12:15	300	-5	3.0	#6 AGN Monitor	2	
0101.COMP	12	9:57	05:13:38.0	-00:12:15	300	-5	3.0	#6 AGN Monitor	2	
0102.cvso-242178	600	10:05	05:33:33.5	-02:18:26	300	90	3.0	#112 Orion PMS	2	
0103.COMP	12	10:16	05:33:33.5	-02:18:26	300	90	3.0	#112 Orion PMS	2	
0104.BIAS	0	10:20	05:34:06.9	-04:15:14	300	90	3.0	#2 SN Observat	2	
0105.BIAS	540	10:23	05:34:06.7	-04:15:14	300	90	3.0	#2 SN Observat	2	
0106.COMP	12	10:32	05:34:06.7	-04:15:14	300	90	3.0	#2 SN Observat	2	
0107.cvso-247718	600	10:37	05:41:42.2	-04:13:08	300	90	3.0	#112 Orion PMS	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0108.COMP	12	10:48	05:41:42.2	-04:13:08	300	90	3.0	#112 Orion PMS	2	
0109.cvso-247805	700	10:52	05:41:49.5	-03:54:33	300	90	3.0	#112 Orion PMS	2	
0110.COMP	12	11:04	05:41:49.5	-03:54:33	300	90	3.0	#112 Orion PMS	2	
0111.cvso-247820	600	11:07	05:41:51.2	-03:45:26	300	90	3.0	#112 Orion PMS	2	
0112.COMP	12	11:18	05:41:51.2	-03:45:26	300	90	3.0	#112 Orion PMS	2	
0113.cvso-249362	600	11:20	05:41:52.6	-02:03:51	300	90	3.0	#112 Orion PMS	2	
0114.COMP	12	11:31	05:41:52.6	-02:03:51	300	90	3.0	#112 Orion PMS	2	
0115.cvso-249411	600	11:34	05:42:12.4	-02:05:09	300	90	3.0	#112 Orion PMS	2	
0116.COMP	12	11:45	05:42:12.4	-02:05:09	300	90	3.0	#112 Orion PMS	2	
0117.0592_05	1200	11:56	07:44:0.7	09:14:41	300	-15	3.0	#160 2MACS	2	
0118.COMP	12	12:16	07:44:0.7	09:14:41	300	-15	3.0	#160 2MACS	2	
0119.0592_06	1200	12:36	07:43:42.0	09:14:44	300	70	3.0	#160 2MACS	2	
0120.COMP	12	12:58	07:43:42.0	09:14:44	300	70	3.0	#160 2MACS	2	
0121-0130.BIAS	0	13:13	07:43:42.0	09:14:44	300	90	3.0	#2 SN Observat	4	
0131-0140.FLAT	8	13:16	07:43:42.0	09:14:44	300	90	3.0	#2 SN Observat	4	
0141-0150.BIAS	0	13:19	07:43:42.0	09:14:44	300	90	3.0	#2 SN Observat	2	
0151-0171.FLAT	16	13:29	07:43:42.0	09:14:44	300	90	3.0	#2 SN Observat	2	
0172-0176.DARK	900	14:33	07:43:42.0	09:14:44	300	90	3.0	#2 SN Observat	4	
0177-0181.DARK	900	15:49	07:43:42.0	09:14:44	300	90	3.0	#2 SN Observat	2	



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0001-0005.DARK	900	23:24	07:43:42.0	09:14:44	300	90	3.0	#2 SN Observat	4	
0006-0009.DARK	900	0:25	07:43:42.0	09:14:44	300	90	3.0	#2 SN Observat	2	
0010-0019.BIAS	0	0:43	07:43:42.0	09:14:44	300	90	3.0	#2 SN Observat	4	
0020-0029.FLAT	8	0:46	07:43:42.0	09:14:44	300	90	3.0	#2 SN Observat	4	
0030-0039.BIAS	0	0:49	07:43:42.0	09:14:44	300	90	3.0	#2 SN Observat	2	
0040-0056.FLAT	16	0:57	07:43:42.0	09:14:44	300	90	3.0	#2 SN Observat	2	
0057.COMP.ms	5	1:10	2:10:00	32:00:00	300	90	3.0	#57 Velocity S	1	
0057-0060.FLAT	16	0:59	07:43:42.0	09:14:44	300	90	3.0	#2 SN Observat	2	
0061.COMP	12	1:01	07:43:42.0	09:14:44	300	90	3.0	#2 SN Observat	2	
0062.3C390.3	300	1:44	18:42:09.0	79:46:17	300	90	3.0	#6 AGN Monitor	2	
0063.3C390.3	300	1:50	18:42:09.0	79:46:17	300	90	3.0	#6 AGN Monitor	2	
0064.3C390.3	300	1:55	18:42:09.0	79:46:17	300	90	3.0	#6 AGN Monitor	2	
0065.COMP	12	2:01	18:42:09.0	79:46:17	300	90	3.0	#6 AGN Monitor	2	
0066.N7331	180	2:04	22:34:46.9	+34:09:43	300	90	3.0	#57 Velocity S	2	
0067.N7331	180	2:07	22:34:46.9	+34:09:43	300	90	3.0	#57 Velocity S	2	
0068.COMP	12	2:11	22:34:46.9	+34:09:43	300	90	3.0	#57 Velocity S	2	
0069.BDp284211	90	2:15	21:51:11.1	28:51:53	300	90	3.0	#56 Spectropho	2	
0070.BDp284211	90	2:17	21:51:11.1	28:51:53	300	90	3.0	#56 Spectropho	2	
0071.COMP	12	2:19	21:51:11.1	28:51:53	300	90	3.0	#56 Spectropho	2	
0072.BDp174708	45	2:23	22:11:31.4	18:05:33	300	90	3.0	#56 Spectropho	2	

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0073.BDp174708	45	2:24	22:11:31.4	18:05:33	300	90	3.0	#56 Spectropho	2	
0074.COMP	12	2:25	22:11:31.4	18:05:33	300	90	3.0	#56 Spectropho	2	
0075.Akn564	180	2:29	22:42:39.4	+29:43:31	300	100	3.0	#6 AGN Monitor	2	
0076.Akn564	180	2:32	22:42:39.4	+29:43:31	300	100	3.0	#6 AGN Monitor	2	
0077.COMP	12	2:36	22:42:39.4	+29:43:31	300	100	3.0	#6 AGN Monitor	2	
0078.N7469	120	2:40	23:03:15.7	+08:52:27	300	85	3.0	#6 AGN Monitor	2	
0079.N7469	120	2:42	23:03:15.7	+08:52:27	300	85	3.0	#6 AGN Monitor	2	
0080.COMP	12	2:46	23:03:15.7	+08:52:27	300	85	3.0	#6 AGN Monitor	2	
0081.2M21101646+0625037	1200	2:53	21:10:16.4	+06:25:03	300	90	3.0	#141 Mapping t	2	
0082.COMP	12	3:13	21:10:16.4	+06:25:03	300	90	3.0	#141 Mapping t	2	
0083.2M21103581+1519157	1200	3:16	21:10:35.8	+15:19:15	300	90	3.0	#141 Mapping t	2	
0084.COMP	12	3:37	21:10:35.8	+15:19:15	300	90	3.0	#141 Mapping t	2	
0085.2M21104883+1213428	1200	3:42	21:10:48.8	+12:13:42	300	85	3.0	#141 Mapping t	2	
0086.COMP	12	4:03	21:10:48.8	+12:13:42	300	85	3.0	#141 Mapping t	2	
0087.MRK335	150	4:07	00:06:19.6	+20:12:11	300	85	3.0	#6 AGN Monitor	2	
0088.MRK335	150	4:09	00:06:19.6	+20:12:11	300	85	3.0	#6 AGN Monitor	2	
0089.COMP	12	4:13	00:06:19.6	+20:12:11	300	85	3.0	#6 AGN Monitor	2	
0090.sn2005hk	1200	4:19	00:27:50.8	-01:11:52	300	-20	3.0	#2 SN Observat	2	
0091.COMP	12	4:40	00:27:50.8	-01:11:52	300	-20	3.0	#2 SN Observat	2	
0092.sn2005hf	1200	4:57	01:27:05.9	19:07:00	300	-49	3.0	#2 SN Observat	2	

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0093.COMP	12	5:18	01:27:05.9	19:07:00	300	-49	3.0	#2 SN Observat	2	
0094.sn2005hg	1800	5:32	01:55:41.8	+46:47:47	300	50	3.0	#2 SN Observat	2	
0095.COMP	12	6:02	01:55:41.8	+46:47:47	300	50	3.0	#2 SN Observat	2	
0096.2M01391957+0831059	1200	6:10	01:39:19.5	+08:31:6	300	90	3.0	#141 Mapping t	2	
0097.COMP	12	6:30	01:39:19.5	+08:31:6	300	90	3.0	#141 Mapping t	2	
0098.2M01420926+2757210	1200	6:34	01:42:9.2	+27:57:21	300	90	3.0	#141 Mapping t	2	
0099.COMP	12	6:55	01:42:9.2	+27:57:21	300	90	3.0	#141 Mapping t	2	
0100.2M01454358-0707096	1200	6:57	01:45:43.5	-07:07:9	300	90	3.0	#141 Mapping t	2	
0101.COMP	12	7:18	01:45:43.5	-07:07:9	300	90	3.0	#141 Mapping t	2	
0102.2M01460340+2331563	1200	7:22	01:46:3.4	+23:31:56	300	90	3.0	#141 Mapping t	2	
0103.COMP	12	7:42	01:46:3.4	+23:31:56	300	90	3.0	#141 Mapping t	2	
0104.0407_43	1500	7:49	02:59:40.7	+36:11:08	300	90	3.0	#160 2MACS	2	
0105.COMP	12	8:14	02:59:40.7	+36:11:08	300	90	3.0	#160 2MACS	2	
0106.0407_44	1200	8:19	03:02:19.8	+36:11:20	300	76	3.0	#160 2MACS	2	
0107.COMP	12	8:40	03:02:19.8	+36:11:20	300	76	3.0	#160 2MACS	2	
0108.0407_45	1200	8:44	03:01:21.8	+36:13:06	300	82	3.0	#160 2MACS	2	
0109.COMP	12	9:05	03:01:21.8	+36:13:06	300	82	3.0	#160 2MACS	2	
0110.2M04335540+7857408	1200	9:19	04:33:55.3	+78:57:40	300	90	3.0	#141 Mapping t	2	
0111.COMP	12	9:39	04:33:55.3	+78:57:40	300	90	3.0	#141 Mapping t	2	
0112.2M04341003+2556378	1500	9:52	04:34:10.0	+25:56:37	300	90	3.0	#141 Mapping t	2	May not be good

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0113.COMP	12	10:24	04:34:10.0	+25:56:37	300	90	3.0	#141 Mapping t	2	
0114.cvso-249449	700	10:39	05:42:36.4	-02:20:39	300	90	3.0	#112 Orion PMS	2	
0115.COMP	12	10:51	05:42:36.4	-02:20:39	300	90	3.0	#112 Orion PMS	2	
0116.cvso-272977	600	10:53	05:42:48.6	-03:24:47	300	90	3.0	#112 Orion PMS	2	
0117.COMP	12	11:04	05:42:48.6	-03:24:47	300	90	3.0	#112 Orion PMS	2	
0118.cvso-249523	540	11:07	05:43:04.5	-02:09:06	300	90	3.0	#112 Orion PMS	2	
0119.COMP	12	11:17	05:43:04.5	-02:09:06	300	90	3.0	#112 Orion PMS	2	
0120.cvso-249545	700	11:19	05:43:12.0	-02:13:42	300	90	3.0	#112 Orion PMS	2	
0121.COMP	12	11:31	05:43:12.0	-02:13:42	300	90	3.0	#112 Orion PMS	2	
0122.cvso-249605	420	11:36	05:43:22.8	-02:16:08	300	90	3.0	#112 Orion PMS	2	
0123.COMP	12	11:43	05:43:22.8	-02:16:08	300	90	3.0	#112 Orion PMS	2	
0124.0592_07	1200	11:48	07:44:21.1	09:14:58	300	90	3.0	#160 2MACS	2	
0125.COMP	12	12:09	07:44:21.1	09:14:58	300	90	3.0	#160 2MACS	2	
0126.0592_08	1200	12:12	07:42:51.0	09:15:33	300	90	3.0	#160 2MACS	2	
0127.COMP	12	12:34	07:42:51.0	09:15:33	300	90	3.0	#160 2MACS	2	
0128.0592_09	1200	12:39	07:43:35.5	09:16:12	300	80	3.0	#160 2MACS	2	
0129.COMP	12	12:59	07:43:35.5	09:16:12	300	80	3.0	#160 2MACS	2	
0130-0149.BIAS	0	13:18	07:43:35.5	09:16:12	300	90	3.0	#2 SN Observat	4	
0150-0159.FLAT	8	13:21	07:43:35.5	09:16:12	300	90	3.0	#2 SN Observat	4	
0160-0169.BIAS	0	13:23	07:43:35.5	09:16:12	300	90	3.0	#2 SN Observat	2	

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0170-0190.FLAT	16	13:34	07:43:35.5	09:16:12	300	90	3.0	#2 SN Observat	2	
0191-0195.DARK	900	14:36	07:43:35.5	09:16:12	300	90	3.0	#2 SN Observat	4	
0196-0200.DARK	900	15:52	07:43:35.5	09:16:12	300	90	3.0	#2 SN Observat	2	