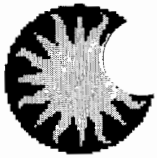
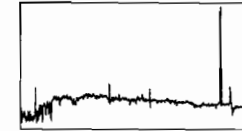
UT Date 2003-10-02 Observers M CalkinsColl. Focus 1100 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001.DARK	900	1:12	18:45:05.4	+31:30:10	300	90	3.0	#122 Halo Star	4	
0002.DARK	900	1:27	19:00:12.7	+31:30:05	300	90	3.0	#122 Halo Star	4	
0003.DARK	900	1:43	19:15:23.4	+31:30:01	300	90	3.0	#122 Halo Star	4	
0004-0013.BIAS	0	1:59	19:16:40.2	+31:30:01	300	90	3.0	#122 Halo Star	4	
0014-0023.FLAT	6	2:01	19:19:04.9	+31:30:00	300	90	3.0	#122 Halo Star	4	
0024-0026.BIAS	0	2:03	19:20:29.6	+31:30:00	300	90	3.0	#122 Halo Star	2	
0027-0033.BIAS	0	2:04	19:21:59.1	+31:29:59	300	90	3.0	#122 Halo Star	2	
0034-0037.FLAT	12	2:06	19:24:06.8	+31:29:59	300	90	3.0	#122 Halo Star	2	
0038-0043.FLAT	12	2:09	19:26:35.2	+31:29:58	300	90	3.0	#122 Halo Star	2	
0044.BDp332642	40	2:16	15:50:03	33:05:49	300	90	3.0	#56 Spectropho	2	
0045.BDp332642	40	2:16	15:50:03	33:05:49	300	90	3.0	#56 Spectropho	2	
0046.COMP	12	2:18	15:50:03	33:05:49	300	90	3.0	#56 Spectropho	2	
0047.BDp332642	40	2:19	15:50:03	33:05:49	300	90	3.0	#56 Spectropho	4	
0048.BDp332642	40	2:19	15:50:03	33:05:49	300	90	3.0	#56 Spectropho	4	
0049.COMP	5	2:21	15:50:03	33:05:49	300	90	3.0	#56 Spectropho	4	
0050.BDp332642	40	2:22	15:50:03	33:05:49	300	75	3.0	#56 Spectropho	2	
0051.BDp332642	40	2:23	15:50:03	33:05:49	300	75	3.0	#56 Spectropho	2	
0052.COMP	12	2:24	15:50:03	33:05:49	300	75	3.0	#56 Spectropho	2	
0053.sn2003hu	1200	2:53	19:11:31.4	+77:53:35	300	-17	3.0	#2 SN Observat	2	row=71
0054.COMP	12	3:13	19:11:31.4	+77:53:35	300	-17	3.0	#2 SN Observat	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0055.3C390.3	300	3:17	18:42:09.1	79:46:17	300	90	3.0	#6 AGN Monitor	2	
0056.3C390.3	300	3:22	18:42:09.1	79:46:17	300	90	3.0	#6 AGN Monitor	2	
0057.3C390.3	300	3:27	18:42:09.1	79:46:17	300	90	3.0	#6 AGN Monitor	2	
0058.COMP	12	3:33	18:42:09.1	79:46:17	300	90	3.0	#6 AGN Monitor	2	pointing woes
0059.sn2003hy	1200	3:57	21:54:22.7	+15:09:37	300	-27	3.0	#2 SN Observat	2	row=74
0060.COMP	12	4:18	21:54:22.7	+15:09:37	300	-27	3.0	#2 SN Observat	2	
0061.234830p19520.c	1800	4:29	23:51:13.1	20:6:12	300	-54	3.0	#113 Interacti	2	
0062.COMP	12	4:59	23:51:13.1	20:6:12	300	-54	3.0	#113 Interacti	2	
0063.234842p20170.b	1800	5:03	23:51:21.7	20:34:25	300	90	3.0	#113 Interacti	2	
0064.COMP	12	5:33	23:51:21.7	20:34:25	300	90	3.0	#113 Interacti	2	
0065.sn2003ic	1200	5:39	00:41:50.2	-09:18:19	300	-31	3.0	#2 SN Observat	2	
0066.COMP	12	6:00	00:41:50.2	-09:18:19	300	-31	3.0	#2 SN Observat	2	
0067.001412p06470.b	1500	6:06	0:16:38.7	7:6:55	300	85	3.0	#113 Interacti	2	
0068.COMP	12	6:32	0:16:38.7	7:6:55	300	85	3.0	#113 Interacti	2	
0069.003512p05560.b	1800	6:34	0:37:45.0	6:13:30	300	90	3.0	#113 Interacti	2	row=70
0070.COMP	12	7:05	0:37:45.0	6:13:30	300	90	3.0	#113 Interacti	2	
0071.003648p36050.b	1800	7:06	0:39:33.5	36:23:33	300	90	3.0	#113 Interacti	2	
0072.COMP	12	7:37	0:39:33.5	36:23:33	300	90	3.0	#113 Interacti	2	
0073.004154p16320.b	1500	7:38	0:44:31.1	16:50:23	300	90	3.0	#113 Interacti	2	
0074.COMP	12	8:04	0:44:31.1	16:50:23	300	90	3.0	#113 Interacti	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0075.004212p04530_b	1800	8:06	0:44:57.9	5:8:44	300	90	3.0	#113 Interacti	2	
0076.COMP	12	8:37	0:44:57.9	5:8:44	300	90	3.0	#113 Interacti	2	
0077.FineFoc	60	8:40	02:01:09.1	31:46:39	300	90	3.0	#113 Interacti	1	
0078.hss136	840	8:49	0:06:39.8	0:44:57	600	90	2.0	#122 Halo Star	4	600L, 2arcsec, tilt=430
0079.COMP	10	9:04	0:06:39.8	0:44:57	600	90	2.0	#122 Halo Star	4	
0080.hss137	1140	9:05	0:10:31.0	-0:13:58	600	90	2.0	#122 Halo Star	4	
0081.COMP	12	9:25	0:10:31.0	-0:13:58	600	90	2.0	#122 Halo Star	4	
0082.hss138	780	9:26	0:13:44.1	0:29:03	600	90	2.0	#122 Halo Star	4	
0083.COMP	10	9:40	0:13:44.1	0:29:03	600	90	2.0	#122 Halo Star	4	
0084.hss139	780	9:41	0:15:47.5	0:29:13	600	90	2.0	#122 Halo Star	4	
0085.COMP	10	9:54	0:15:47.5	0:29:13	600	90	2.0	#122 Halo Star	4	
0086.hss140	960	9:55	0:16:43.0	0:37:17	600	90	2.0	#122 Halo Star	4	
0087.COMP	10	10:12	0:16:43.0	0:37:17	600	90	2.0	#122 Halo Star	4	
0088.hss141	1800	10:13	0:20:17.9	-0:35:25	600	90	2.0	#122 Halo Star	4	
0089.COMP	10	10:43	0:20:17.9	-0:35:25	600	90	2.0	#122 Halo Star	4	
0090.hss228	900	10:45	3:02:01.5	0:29:40	600	90	2.0	#122 Halo Star	4	
0091.COMP	10	11:01	3:02:01.5	0:29:40	600	90	2.0	#122 Halo Star	4	
0092.hss229	840	11:02	3:04:00.1	0:45:25	600	90	2.0	#122 Halo Star	4	
0093.COMP	10	11:16	3:04:00.1	0:45:25	600	90	2.0	#122 Halo Star	4	
0094.HZ14	540	11:19	04:38:15.6	10:53:57	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
0095.COMP	10	11:28	04:38:15.6	10:53:57	600	90	2.0	#122 Halo Star	4	
0096.Hiltner600	50	11:31	06:42:37.2	02:11:25	600	90	2.0	#122 Halo Star	4	
0097.COMP	10	11:32	06:42:37.2	02:11:25	600	90	2.0	#122 Halo Star	4	
0098-0107.FLAT	40	11:40	06:42:37.2	02:11:25	600	90	2.0	#122 Halo Star	4	
0108.FineFoc	60	11:45	04:59:38.2	31:16:31	300	90	3.0	#122 Halo Star	1	
0109.2M04375071p2112203	420	11:51	04:37:50.7	+21:12:20	300	90	3.0	#68 2MASS Reds	4	combo setup
0110.COMP	5	11:58	04:37:50.7	+21:12:20	300	90	3.0	#68 2MASS Reds	4	
0111.2M04381430p2500211	1020	12:02	04:38:14.3	+25:00:21	300	90	3.0	#68 2MASS Reds	4	
0112.COMP	5	12:19	04:38:14.3	+25:00:21	300	90	3.0	#68 2MASS Reds	4	
0113.2M04402322p2454024	420	12:20	04:40:23.2	+24:54:02	300	90	3.0	#68 2MASS Reds	4	
0114.COMP	5	12:27	04:40:23.2	+24:54:02	300	90	3.0	#68 2MASS Reds	4	
0115.Hiltner600	40	12:28	06:42:37.2	02:11:25	300	90	3.0	#56 Spectropho	4	
0116.COMP	5	12:30	06:42:37.2	02:11:25	300	90	3.0	#56 Spectropho	4	
0117-0126.BIAS	0	12:34	06:42:37.2	02:11:25	300	90	3.0	#122 Halo Star	4	
0127-0136.FLAT	6	12:37	06:42:37.2	02:11:25	300	90	3.0	#122 Halo Star	4	
0137-0146.DARK	900	15:04	06:42:37.2	02:11:25	300	90	3.0	#122 Halo Star	4	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001-0010.DARK	900	1:20	06:42:37.2	02:11:25	300	90	3.0	#122 Halo Star	2	
0011-0020.BIAS	0	1:48	06:42:37.2	02:11:25	300	90	3.0	#122 Halo Star	4	
0021-0030.FLAT	6	1:51	06:42:37.2	02:11:25	300	90	3.0	#122 Halo Star	4	
0031-0040.BIAS	0	1:54	06:42:37.2	02:11:25	300	90	3.0	#122 Halo Star	2	
0041-0050.FLAT	12	1:59	06:42:37.2	02:11:25	300	90	3.0	#122 Halo Star	2	
0051.BDp332642	50	2:05	15:50:03	33:05:49	300	90	3.0	#56 Spectropho	4	
0052.BDp332642	50	2:06	15:50:03	33:05:49	300	90	3.0	#56 Spectropho	4	
0053.COMP	5	2:07	15:50:03	33:05:49	300	90	3.0	#56 Spectropho	4	
0054.BDp332642	50	2:08	15:50:03	33:05:49	300	90	3.0	#56 Spectropho	2	
0055.BDp332642	50	2:09	15:50:03	33:05:49	300	90	3.0	#56 Spectropho	2	
0056.COMP	12	2:10	15:50:03	33:05:49	300	90	3.0	#56 Spectropho	2	
0057.BDp332642	50	2:12	15:50:03	33:05:49	300	76	3.0	#56 Spectropho	2	
0058.BDp332642	50	2:13	15:50:03	33:05:49	300	76	3.0	#56 Spectropho	2	
0059.COMP	12	2:14	15:50:03	33:05:49	300	76	3.0	#56 Spectropho	2	
0060.TCrB	15	2:16	15:59:30	25:55:12	300	90	3.0	#12 Symbiotic	2	
0061.TCrB	60	2:16	15:59:30	25:55:12	300	90	3.0	#12 Symbiotic	2	
0062.TCrB	7	2:18	15:59:30	25:55:12	300	90	3.0	#12 Symbiotic	2	
0063.COMP	12	2:18	15:59:30	25:55:12	300	90	3.0	#12 Symbiotic	2	
0064.AGDra	1	2:20	16:01:41	66:48:10	300	90	3.0	#12 Symbiotic	2	
0065.AGDra	2	2:21	16:01:41	66:48:10	300	90	3.0	#12 Symbiotic	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0066.AGDra	15	2:21	16:01:41	66:48:10	300	90	3.0	#12 Symbiotic	2	
0067.AGDra	45	2:22	16:01:41	66:48:10	300	90	3.0	#12 Symbiotic	2	
0068.COMP	12	2:23	16:01:41	66:48:10	300	90	3.0	#12 Symbiotic	2	
0069.DracoC1	1200	2:24	17:19:58	57:50:06	300	90	3.0	#12 Symbiotic	2	
0070.COMP	12	2:45	17:19:58	57:50:06	300	90	3.0	#12 Symbiotic	2	
0071.RSOph	10	2:47	17:50:13	-06:42:30	300	90	3.0	#12 Symbiotic	2	
0072.RSOph	45	2:48	17:50:13	-06:42:30	300	90	3.0	#12 Symbiotic	2	
0073.RSOph	100	2:48	17:50:13	-06:42:30	300	90	3.0	#12 Symbiotic	2	
0074.COMP	12	2:51	17:50:13	-06:42:30	300	90	3.0	#12 Symbiotic	2	
0075.YYHer	10	2:52	18:14:34	20:59:19	300	90	3.0	#12 Symbiotic	2	
0076.YYHer	60	2:53	18:14:34	20:59:19	300	90	3.0	#12 Symbiotic	2	
0077.COMP	12	2:55	18:14:34	20:59:19	300	90	3.0	#12 Symbiotic	2	
0078.V443Her	2	2:56	18:22:07	23:27:20	300	90	3.0	#12 Symbiotic	2	
0079.V443Her	10	2:57	18:22:07	23:27:20	300	90	3.0	#12 Symbiotic	2	
0080.V443Her	45	2:57	18:22:07	23:27:20	300	90	3.0	#12 Symbiotic	2	
0081.V443Her	90	2:58	18:22:07	23:27:20	300	90	3.0	#12 Symbiotic	2	
0082.COMP	12	3:00	18:22:07	23:27:20	300	90	3.0	#12 Symbiotic	2	
0083.BFCyg	1	3:04	19:23:53	29:40:27	300	90	3.0	#12 Symbiotic	2	
0084.BFCyg	7	3:05	19:23:53	29:40:27	300	90	3.0	#12 Symbiotic	2	
0085.BFCyg	60	3:05	19:23:53	29:40:27	300	90	3.0	#12 Symbiotic	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0086.COMP	12	3:07	19:23:53	29:40:27	300	90	3.0	#12 Symbiotic	2	
0087.CHCyg	0	3:08	19:24:33	50:14:30	300	90	3.0	#12 Symbiotic	2	
0088.CHCyg	1	3:08	19:24:33	50:14:30	300	90	3.0	#12 Symbiotic	2	
0089.CHCyg	5	3:09	19:24:33	50:14:30	300	90	3.0	#12 Symbiotic	2	
0090.CHCyg	0	3:09	19:24:33	50:14:30	300	90	3.0	#12 Symbiotic	2	
0091.CHCyg	30	3:10	19:24:33	50:14:30	300	90	3.0	#12 Symbiotic	2	
0092.COMP	12	3:11	19:24:33	50:14:30	300	90	3.0	#12 Symbiotic	2	
0093.CICyg	1	3:12	19:50:12	35:41:02	300	90	3.0	#12 Symbiotic	2	
0094.CICyg	3	3:13	19:50:12	35:41:02	300	90	3.0	#12 Symbiotic	2	
0095.CICyg	20	3:13	19:50:12	35:41:02	300	90	3.0	#12 Symbiotic	2	
0096.CICyg	60	3:14	19:50:12	35:41:02	300	90	3.0	#12 Symbiotic	2	
0097.COMP	12	3:16	19:50:12	35:41:02	300	90	3.0	#12 Symbiotic	2	
0098.MRK509	300	3:19	20:44:09.8	-10:43:24	300	90	3.0	#6 AGN Monitor	2	
0099.MRK509	300	3:24	20:44:09.8	-10:43:24	300	90	3.0	#6 AGN Monitor	2	
0100.COMP	12	3:29	20:44:09.8	-10:43:24	300	90	3.0	#6 AGN Monitor	2	
0101.Akn564	180	3:32	22:42:39.4	+29:43:31	300	90	3.0	#6 AGN Monitor	2	
0102.Akn564	180	3:35	22:42:39.4	+29:43:31	300	90	3.0	#6 AGN Monitor	2	
0103.COMP	12	3:39	22:42:39.4	+29:43:31	300	90	3.0	#6 AGN Monitor	2	
0104.N7469	120	3:40	23:03:15.7	+08:52:27	300	90	3.0	#6 AGN Monitor	2	
0105.N7469	120	3:42	23:03:15.7	+08:52:27	300	90	3.0	#6 AGN Monitor	2	

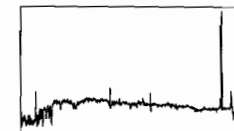
UT Date 2003-10-03 Observers M CalkinsColl. Focus 1100 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0106.COMP	12	3:45	23:03:15.7	+08:52:27	300	90	3.0	#6 AGN Monitor	2	
0107.2M20321160p4937105	1200	3:53	20:32:11.6	+49:37:10	300	110	3.0	#68 2MASS Reds	2	row=81
0108.2M20321160p4937105	1200	4:13	20:32:11.6	+49:37:10	300	110	3.0	#68 2MASS Reds	2	
0109.COMP	12	4:34	20:32:11.6	+49:37:10	300	110	3.0	#68 2MASS Reds	2	
0110.2M20374765p5138017	1200	4:40	20:37:47.6	+51:38:01	300	-50	3.0	#68 2MASS Reds	2	row79 to 90
0111.COMP	12	5:01	20:37:47.6	+51:38:01	300	-50	3.0	#68 2MASS Reds	2	
0112.2M20440241p5043362	1200	5:04	20:44:02.4	+50:43:36	300	110	3.0	#68 2MASS Reds	2	row=82, H alpha?
0113.COMP	12	5:25	20:44:02.4	+50:43:36	300	110	3.0	#68 2MASS Reds	2	
0114.2M20475214p5937111	1020	5:28	20:47:52.1	+59:37:11	300	90	3.0	#68 2MASS Reds	2	
0115.COMP	12	5:45	20:47:52.1	+59:37:11	300	90	3.0	#68 2MASS Reds	2	
0116.2M00161976p7025219	1200	5:48	00:16:19.7	+70:25:21	300	110	3.0	#68 2MASS Reds	2	bad exposure
0117.2M00161976p7025219	1200	6:09	00:16:19.7	+70:25:21	300	110	3.0	#68 2MASS Reds	2	
0118.COMP	12	6:30	00:16:19.7	+70:25:21	300	110	3.0	#68 2MASS Reds	2	
0119.2M00475430p6807433	1200	6:32	00:47:54.3	+68:07:43	300	90	3.0	#68 2MASS Reds	2	row=76
0120.2M00475430p6807433	1200	6:53	00:47:54.3	+68:07:43	300	90	3.0	#68 2MASS Reds	2	
0121.COMP	12	7:13	00:47:54.3	+68:07:43	300	90	3.0	#68 2MASS Reds	2	
0122.snu327	1200	7:19	00:33:16.7	07:54:19	300	4	3.0	#2 SN Observat	2	
0123.COMP	12	7:40	00:33:16.7	07:54:19	300	4	3.0	#2 SN Observat	2	
0124.snanon	1200	7:45	00:44:59.2	-08:53:11	300	10	3.0	#2 SN Observat	2	sne=row77, host=row66
0125.COMP	12	8:05	00:44:59.2	-08:53:11	300	10	3.0	#2 SN Observat	2	transient clouds...

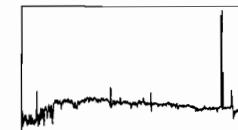
EITHER THESE 2MASS OBJECTS ARE
TOO FAINT FOR THE 60" OR
IT IS TOO CLOUDY TO GET THEM

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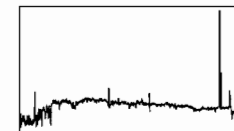
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0126.snic1956	1200	8:31	03:35:33.3	05:03:52	300	-40	3.0	#2 SN Observat	2	
0127.COMP	12	8:52	03:35:33.3	05:03:52	300	-40	3.0	#2 SN Observat	2	
0128.snic1956	1200	8:55	03:35:33.3	05:03:52	300	30	3.0	#2 SN Observat	2	
0129.COMP	12	9:16	03:35:33.3	05:03:52	300	30	3.0	#2 SN Observat	2	
0130.FineFoc	60	9:19	03:01:15.8	31:57:18	300	90	3.0	#56 Spectropho	1	
0131.Feige24	120	9:29	02:32:31	03:30:51	300	7	3.0	#56 Spectropho	2	
0132.COMP	12	9:32	02:32:31	03:30:51	300	7	3.0	#56 Spectropho	2	
0133.hss230	1380	9:39	3:05:42.7	-0:31:45	600	90	2.0	#122 Halo Star	4	600L, 2arcsec, tilt=430
0134.COMP	10	10:02	3:05:42.7	-0:31:45	600	90	2.0	#122 Halo Star	4	
0135.hss231	1200	10:03	3:09:24.2	0:32:16	600	90	2.0	#122 Halo Star	4	
0136.COMP	10	10:24	3:09:24.2	0:32:16	600	90	2.0	#122 Halo Star	4	
0137.hss233	900	10:25	3:13:21.3	0:27:58	600	90	2.0	#122 Halo Star	4	row=58
0138.COMP	10	10:40	3:13:21.3	0:27:58	600	90	2.0	#122 Halo Star	4	
0139.hss234	960	10:41	3:16:33.1	-0:12:24	600	90	2.0	#122 Halo Star	4	
0140.COMP	10	10:58	3:16:33.1	-0:12:24	600	90	2.0	#122 Halo Star	4	
0141.hss235	840	10:58	3:19:06.8	0:34:20	600	90	2.0	#122 Halo Star	4	
0142.COMP	10	11:13	3:19:06.8	0:34:20	600	90	2.0	#122 Halo Star	4	
0143.hss236	1320	11:14	3:20:34.5	-0:15:49	600	90	2.0	#122 Halo Star	4	
0144.COMP	10	11:36	3:20:34.5	-0:15:49	600	90	2.0	#122 Halo Star	4	
0145.hss237	1800	11:37	3:20:59.2	-0:46:58	600	90	2.0	#122 Halo Star	4	

UT Date 2003-10-03 Observers M CalkinsColl. Focus 1100 Grating/Grism 300

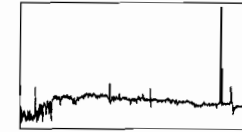
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0146.COMP	10	12:08	3:20:59.2	-0:46:58	600	90	2.0	#122 Halo Star	4	
0147.hss238	840	12:09	3:21:51.1	-0:04:34	600	90	2.0	#122 Halo Star	4	
0148.COMP	10	12:23	3:21:51.1	-0:04:34	600	90	2.0	#122 Halo Star	4	
0149.Hiltner600	60	12:25	06:42:37.2	02:11:25	600	90	2.0	#122 Halo Star	4	
0150.COMP	10	12:26	06:42:37.2	02:11:25	600	90	2.0	#122 Halo Star	4	
0151-0160.FLAT	40	12:35	06:42:37.2	02:11:25	600	90	2.0	#122 Halo Star	4	
0161-0170.BIAS	0	12:40	06:42:37.2	02:11:25	600	90	2.0	#122 Halo Star	4	
0171-0177.DARK	900	14:26	06:42:37.2	02:11:25	300	90	3.0	#122 Halo Star	4	

UT Date 2003-10-16 Observers P BerlindColl. Focus 1060 Grating/Grism 300

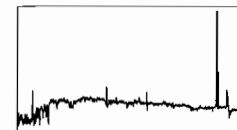
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001.BIAS	0	0:47	19:00:18.3	+31:30:06	300	90	3.0	#122 Halo Star	4	t-storms to s and w
0002-0005.BIAS	0	0:48	19:00:47.7	+31:30:06	300	90	3.0	#122 Halo Star	4	
0006-0010.BIAS	0	0:49	19:01:26.0	+31:30:05	300	90	3.0	#122 Halo Star	4	
0011-0017.FLAT	8	0:51	19:03:54.7	+31:30:05	300	90	3.0	#122 Halo Star	4	
0018-0020.FLAT	8	0:52	19:04:58.4	+31:30:04	300	90	3.0	#122 Halo Star	4	
0021-0030.BIAS	0	0:54	19:07:10.6	+31:30:04	300	90	3.0	#122 Halo Star	2	
0031.FLAT	16	0:55	19:07:49.1	+31:30:03	300	90	3.0	#122 Halo Star	2	clearing...
0032-0035.FLAT	16	0:57	19:10:14.1	+31:30:03	300	90	3.0	#122 Halo Star	2	
0036-0040.FLAT	16	1:00	19:13:13.5	+31:30:02	300	90	3.0	#122 Halo Star	2	
0041.HD192281	5	1:51	20:10:46.8	40:07:01	300	0	3.0	#56 Spectropho	2	
0042.HD192281	5	1:51	20:10:46.8	40:07:01	300	0	3.0	#56 Spectropho	2	
0043.HD192281	5	1:51	20:10:46.8	40:07:01	300	0	3.0	#56 Spectropho	2	
0044.COMP	10	1:52	20:10:46.8	40:07:01	300	0	3.0	#56 Spectropho	2	
0045.TYC2600m612m1	30	1:54	17:23:39.8	35:27:57	300	85	3.0	#126 GRB	2	
0046.TYC2600m612m1	60	1:56	17:23:39.8	35:27:57	300	85	3.0	#126 GRB	2	
0047.COMP	10	1:57	17:23:39.8	35:27:57	300	85	3.0	#126 GRB	2	
0048.RSOph	10	2:01	17:50:13	-06:42:30	300	40	3.0	#12 Symbiotic	2	
0049.RSOph	60	2:01	17:50:13	-06:42:30	300	40	3.0	#12 Symbiotic	2	
0050.RSOph	90	2:03	17:50:13	-06:42:30	300	40	3.0	#12 Symbiotic	2	
0051.COMP	10	2:04	17:50:13	-06:42:30	300	40	3.0	#12 Symbiotic	2	

UT Date 2003-10-16 Observers P BerlindColl. Focus 1060 Grating/Grism 300

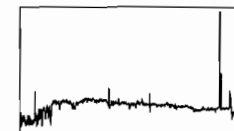
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0052.YYHer	10	2:06	18:14:34	20:59:19	300	63	3.0	#12 Symbiotic	2	
0053.YYHer	30	2:07	18:14:34	20:59:19	300	63	3.0	#12 Symbiotic	2	
0054.YYHer	100	2:08	18:14:34	20:59:19	300	63	3.0	#12 Symbiotic	2	
0055.YYHer	240	2:10	18:14:34	20:59:19	300	63	3.0	#12 Symbiotic	2	
0056.COMP	10	2:14	18:14:34	20:59:19	300	63	3.0	#12 Symbiotic	2	
0057.MRK509	240	2:27	20:44:09.8	-10:43:24	300	0	3.0	#6 AGN Monitor	4	
0058.MRK509	240	2:32	20:44:09.8	-10:43:24	300	0	3.0	#6 AGN Monitor	4	
0059.COMP	5	2:37	20:44:09.8	-10:43:24	300	0	3.0	#6 AGN Monitor	4	
0060.2M18223005m0232233	1200	2:44	18:22:30.0	-02:32:23	300	90	3.0	#68 2MASS Reds	4	star
0061.COMP	5	3:05	18:22:30.0	-02:32:23	300	90	3.0	#68 2MASS Reds	4	
0062.2M18421197p1738097	1200	3:07	18:42:11.9	+17:38:09	300	90	3.0	#68 2MASS Reds	4	Superposed star w/ gal core em.
0063.COMP	5	3:28	18:42:11.9	+17:38:09	300	90	3.0	#68 2MASS Reds	4	
0064.2M18481798p0932430	1200	3:30	18:48:17.9	+09:32:43	300	90	3.0	#68 2MASS Reds	2	which one is it ???
0065.COMP	10	3:51	18:48:17.9	+09:32:43	300	90	3.0	#68 2MASS Reds	2	
0066.snu11430	1200	3:54	19:21:09.0	+43:19:35	300	95	3.0	#2 SN Observat	2	
0067.COMP	10	4:15	19:21:09.0	+43:19:35	300	95	3.0	#2 SN Observat	2	
0068.BDp284211	60	4:17	21:48:57.1	28:37:48	300	70	3.0	#56 Spectropho	2	
0069.BDp284211	60	4:19	21:48:57.1	28:37:48	300	70	3.0	#56 Spectropho	2	
0070.BDp284211	60	4:20	21:48:57.1	28:37:48	300	70	3.0	#56 Spectropho	2	
0071.COMP	10	4:21	21:48:57.1	28:37:48	300	70	3.0	#56 Spectropho	2	

UT Date 2003-10-16 Observers P BerlindColl. Focus 1060 Grating/Grism 300

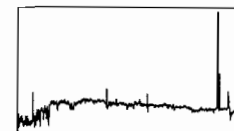
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0072.Akn564	180	4:23	22:42:39.4	+29:43:31	300	70	3.0	#6 AGN Monitor	4	
0073.Akn564	180	4:26	22:42:39.4	+29:43:31	300	70	3.0	#6 AGN Monitor	4	
0074.COMP	5	4:29	22:42:39.4	+29:43:31	300	70	3.0	#6 AGN Monitor	4	
0075.N7331	180	4:38	22:34:46.9	+34:09:43	300	90	3.0	#57 Velocity S	4	
0076.COMP	5	4:44	22:34:46.9	+34:09:43	300	90	3.0	#57 Velocity S	4	
0077.N7469	120	4:45	23:03:15.7	+08:52:27	300	0	3.0	#6 AGN Monitor	4	
0078.N7469	120	4:47	23:03:15.7	+08:52:27	300	0	3.0	#6 AGN Monitor	4	
0079.COMP	5	4:50	23:03:15.7	+08:52:27	300	0	3.0	#6 AGN Monitor	4	
0080.ZAnd	1	4:53	23:33:40	48:49:06	300	0	3.0	#12 Symbiotic	4	
0081.ZAnd	2	4:53	23:33:40	48:49:06	300	0	3.0	#12 Symbiotic	4	
0082.ZAnd	5	4:53	23:33:40	48:49:06	300	0	3.0	#12 Symbiotic	4	
0083.ZAnd	15	4:54	23:33:40	48:49:06	300	0	3.0	#12 Symbiotic	4	
0084.ZAnd	30	4:55	23:33:40	48:49:06	300	0	3.0	#12 Symbiotic	4	
0085.COMP	5	4:55	23:33:40	48:49:06	300	0	3.0	#12 Symbiotic	4	
0086.BIAS	0	5:00	23:15:00	32:00:00	600	0	2.0	#12 Symbiotic	4	
0087.COMP	20	5:01	23:15:00	32:00:00	600	0	2.0	#12 Symbiotic	4	600-line, 2-sec, blue
0088.BDp284211	90	5:07	21:48:57.1	28:37:48	600	77	2.0	#122 Halo Star	4	
0089.BDp284211	90	5:09	21:48:57.1	28:37:48	600	77	2.0	#122 Halo Star	4	
0090.BDp284211	90	5:11	21:48:57.1	28:37:48	600	77	2.0	#122 Halo Star	4	
0091.COMP	10	5:13	21:48:57.1	28:37:48	600	77	2.0	#122 Halo Star	4	

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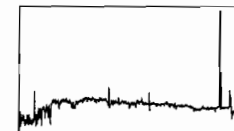
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0092.hs1600	660	5:20	23:00:20.8	-0:17:10	600	15	2.0	#122 Halo Star	4	
0093.COMP	10	5:31	23:00:20.8	-0:17:10	600	15	2.0	#122 Halo Star	4	
0094.hs1601	840	5:32	23:02:10.6	-1:01:09	600	15	2.0	#122 Halo Star	4	bright moon
0095.COMP	10	5:47	23:02:10.6	-1:01:09	600	15	2.0	#122 Halo Star	4	
0096.hs1602	480	5:48	23:03:58.3	-1:08:11	600	25	2.0	#122 Halo Star	4	
0097.COMP	10	5:56	23:03:58.3	-1:08:11	600	25	2.0	#122 Halo Star	4	
0098.hs1603	480	5:57	23:06:49.3	-0:36:49	600	25	2.0	#122 Halo Star	4	
0099.COMP	10	6:06	23:06:49.3	-0:36:49	600	25	2.0	#122 Halo Star	4	
0100.hs1604	1080	6:07	23:06:56.8	0:51:44	600	25	2.0	#122 Halo Star	4	
0101.COMP	10	6:25	23:06:56.8	0:51:44	600	25	2.0	#122 Halo Star	4	
0102.hs1606	900	6:27	23:13:53.7	1:03:37	600	31	2.0	#122 Halo Star	4	
0103.COMP	10	6:42	23:13:53.7	1:03:37	600	31	2.0	#122 Halo Star	4	
0104.hs1623	600	6:45	0:12:23.2	-0:08:49	600	20	2.0	#122 Halo Star	4	
0105.COMP	10	6:56	0:12:23.2	-0:08:49	600	20	2.0	#122 Halo Star	4	
0106.hs1624	1200	6:56	0:15:45.1	-0:14:19	600	20	2.0	#122 Halo Star	4	
0107.COMP	10	7:18	0:15:45.1	-0:14:19	600	20	2.0	#122 Halo Star	4	
0108.hss141	1800	7:19	0:20:17.9	-0:35:25	600	30	2.0	#122 Halo Star	4	
0109.COMP	10	7:49	0:20:17.9	-0:35:25	600	30	2.0	#122 Halo Star	4	
0110.hs1631	1020	7:51	0:35:27.1	0:58:58	600	30	2.0	#122 Halo Star	4	
0111.COMP	10	8:09	0:35:27.1	0:58:58	600	30	2.0	#122 Halo Star	4	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0112.hs1630	420	8:10	0:30:44.1	0:16:24	600	40	2.0	#122 Halo Star	4	
0113.COMP	10	8:17	0:30:44.1	0:16:24	600	40	2.0	#122 Halo Star	4	
0114.hs1644	840	8:18	1:38:49.3	0:54:38	600	25	2.0	#122 Halo Star	4	
0115.COMP	10	8:32	1:38:49.3	0:54:38	600	25	2.0	#122 Halo Star	4	
0116.hss181	1500	8:34	1:39:05.4	-0:33:10	600	25	2.0	#122 Halo Star	4	
0117.COMP	10	9:00	1:39:05.4	-0:33:10	600	25	2.0	#122 Halo Star	4	
0118.hss183	1500	9:01	1:40:30.0	-0:44:14	600	35	2.0	#122 Halo Star	4	
0119.COMP	10	9:27	1:40:30.0	-0:44:14	600	35	2.0	#122 Halo Star	4	
0120.hs1645	540	9:28	1:42:23.2	-0:07:48	600	40	2.0	#122 Halo Star	4	
0121.COMP	10	9:38	1:42:23.2	-0:07:48	600	40	2.0	#122 Halo Star	4	
0122.hs1669	600	9:40	2:54:12.1	-0:56:48	600	25	2.0	#122 Halo Star	4	
0123.COMP	10	9:51	2:54:12.1	-0:56:48	600	25	2.0	#122 Halo Star	4	
0124.hs1670	420	9:52	2:57:13.0	0:43:24	600	25	2.0	#122 Halo Star	4	
0125.COMP	10	9:59	2:57:13.0	0:43:24	600	25	2.0	#122 Halo Star	4	
0126.hs1671	360	10:00	3:00:45.5	-0:25:00	600	25	2.0	#122 Halo Star	4	
0127.COMP	10	10:07	3:00:45.5	-0:25:00	600	25	2.0	#122 Halo Star	4	
0128.hs1672	480	10:08	3:01:08.9	-0:39:57	600	25	2.0	#122 Halo Star	4	
0129.COMP	10	10:16	3:01:08.9	-0:39:57	600	25	2.0	#122 Halo Star	4	
0130.hs1673	480	10:17	3:04:05.3	-1:04:00	600	35	2.0	#122 Halo Star	4	
0131.COMP	10	10:26	3:04:05.3	-1:04:00	600	35	2.0	#122 Halo Star	4	

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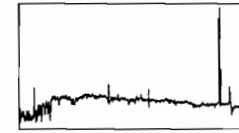
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0132.hs1674	300	10:26	3:04:52.2	1:13:22	600	35	2.0	#122 Halo Star	4	
0133.COMP	10	10:32	3:04:52.2	1:13:22	600	35	2.0	#122 Halo Star	4	
0134.hs1675	420	10:33	3:08:42.1	0:07:35	600	35	2.0	#122 Halo Star	4	
0135.COMP	10	10:38	3:08:42.1	0:07:35	600	35	2.0	#122 Halo Star	4	
0136.hs1676	300	10:39	3:13:03.7	-0:35:04	600	35	2.0	#122 Halo Star	4	
0137.COMP	10	10:44	3:13:03.7	-0:35:04	600	35	2.0	#122 Halo Star	4	
0138-0147.FLAT	40	10:52	3:13:03.7	-0:35:04	600	35	2.0	#122 Halo Star	4	
0148.BIAS	0	10:56	5:00:00	32:00:00	300	62	3.0	#122 Halo Star	4	300-line, 3-sec, combo
0149.COMP	10	10:56	5:00:00	32:00:00	300	62	3.0	#122 Halo Star	2	
0150.COMP	10	10:57	01:59:19.9	+18:59:42	300	62	3.0	#2 SN Observat	2	
0152.sn2003iq	1200	11:00	01:59:19.9	+18:59:42	300	64	3.0	#2 SN Observat	2	
0153.COMP	10	11:20	01:59:19.9	+18:59:42	300	64	3.0	#2 SN Observat	2	
0154.sn2003io	1200	11:26	02:17:26.8	+14:34:36	300	61	3.0	#2 SN Observat	2	
0155.COMP	10	11:47	02:17:26.8	+14:34:36	300	61	3.0	#2 SN Observat	2	
0156.2M04193391p3616381	360	11:51	04:19:33.9	+36:16:38	300	100	3.0	#68 2MASS Reds	4	
0157.COMP	5	11:58	04:19:33.9	+36:16:38	300	100	3.0	#68 2MASS Reds	4	
0158.FineFoc	60	12:10	09:00:05.4	31:28:18	300	90	3.0	#122 Halo Star	1	
0159-0168.BIAS	0	12:18	09:00:05.4	31:28:18	300	90	3.0	#122 Halo Star	4	
0169-0178.FLAT	8	12:21	09:00:05.4	31:28:18	300	90	3.0	#122 Halo Star	4	
0179-0188.BIAS	0	12:24	09:00:05.4	31:28:18	300	90	3.0	#122 Halo Star	2	

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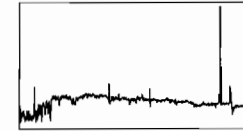
<i>File</i>	<i>Exp Time</i>	<i>UT Start</i>	<i>RA</i>	<i>Dec</i>	<i>Gr.</i>	<i>P.A.</i>	<i>Slit</i>	<i>Program</i>	<i>Bin</i>	<i>Comments</i>
0189-0198.FLAT	16	12:29	09:00:05.4	31:28:18	300	90	3.0	#122 Halo Star	2	
0199-0208.DARK	900	14:48	09:00:05.4	31:28:18	300	90	3.0	#122 Halo Star	4	
0209-0218.DARK	900	17:21	09:00:05.4	31:28:18	300	90	3.0	#122 Halo Star	2	

UT Date 2003-10-17 Observers P BerlindColl. Focus 1070 Grating/Grism 300

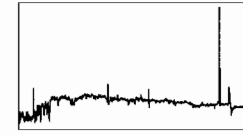
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0001-0005.DARK	1200	0:32	09:00:05.4	31:28:18	300	90	3.0	#122 Halo Star	2	
0006.test	10	1:09	09:00:05.4	31:28:18	1200	90	1.1	#122 Halo Star	4	
0007-0020.BIAS	0	1:12	09:00:05.4	31:28:18	1200	90	1.1	#122 Halo Star	4	
0021-0030.BIAS	0	1:15	09:00:05.4	31:28:18	1200	90	1.1	#122 Halo Star	2	
0031.FLAT	200	1:24	09:00:05.4	31:28:18	1200	90	1.1	#122 Halo Star	4	1200-line, 1.1-sec, tilt680 for Stanek
0032-0035.FLAT	200	1:38	09:00:05.4	31:28:18	1200	90	1.1	#122 Halo Star	4	
0036.TYC2600m612m1	180	1:44	17:23:39.8	35:27:57	1200	90	1.1	#126 GRB	4	
0037.TYC2600m612m1	360	1:47	17:23:39.8	35:27:57	1200	90	1.1	#126 GRB	4	
0038.COMP	10	1:53	17:23:39.8	35:27:57	1200	90	1.1	#126 GRB	4	
0039.BDp174708	120	2:00	22:11:31.3	+18:05:34	1200	90	1.1	#126 GRB	4	
0040.COMP	10	2:03	22:11:31.3	+18:05:34	1200	90	1.1	#126 GRB	4	
0041.COMP	5	2:06	20:30:00	32:00:00	300	90	3.0	#126 GRB	4	300-line, 3-sec, combo
0042.AGDra	1	2:08	16:01:41	66:48:10	300	90	3.0	#12 Symbiotic	4	
0043.AGDra	2	2:08	16:01:41	66:48:10	300	90	3.0	#12 Symbiotic	4	
0044.AGDra	5	2:09	16:01:41	66:48:10	300	90	3.0	#12 Symbiotic	4	
0045.AGDra	15	2:09	16:01:41	66:48:10	300	90	3.0	#12 Symbiotic	4	
0046.AGDra	15	2:10	16:01:41	66:48:10	300	90	3.0	#12 Symbiotic	4	
0047.COMP	5	2:10	16:01:41	66:48:10	300	90	3.0	#12 Symbiotic	4	
0048.TYC2600m612m1	90	2:13	17:23:39.8	35:27:57	300	82	3.0	#126 GRB	2	
0049.TYC2600m612m1	90	2:15	17:23:39.8	35:27:57	300	82	3.0	#126 GRB	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0050.TYC2600m612m1	90	2:16	17:23:39.8	35:27:57	300	82	3.0	#126 GRB	2	
0051.COMP	10	2:18	17:23:39.8	35:27:57	300	82	3.0	#126 GRB	2	
0052.sn2003hu	120	2:27	19:11:31.4	+77:53:35	300	-29	3.0	#2 SN Observat	2	too faint
0053.2M17585489m0836334	1200	2:37	17:58:54.8	-08:36:33	300	90	3.0	#68 2MASS Reds	2	2 obj's near center - what are
0054.COMP	10	2:57	17:58:54.8	-08:36:33	300	90	3.0	#68 2MASS Reds	2	
0055.2M18263588p0221130	1200	3:03	18:26:35.8	+02:21:13	300	90	3.0	#68 2MASS Reds	4	
0056.COMP	5	3:24	18:26:35.8	+02:21:13	300	90	3.0	#68 2MASS Reds	4	
0057.BDp284211	60	3:26	21:48:57.1	28:37:48	300	90	3.0	#56 Spectropho	2	
0058.BDp284211	60	3:27	21:48:57.1	28:37:48	300	90	3.0	#56 Spectropho	2	
0059.BDp284211	60	3:29	21:48:57.1	28:37:48	300	90	3.0	#56 Spectropho	2	
0060.COMP	10	3:30	21:48:57.1	28:37:48	300	90	3.0	#56 Spectropho	2	
0061.sn2003hy	1200	3:32	21:54:22.7	+15:09:37	300	5	3.0	#2 SN Observat	2	
0062.COMP	10	3:54	21:54:22.7	+15:09:37	300	5	3.0	#2 SN Observat	2	
0063.234424p06350_b	1200	3:57	23:46:50.9	6:51:33	300	0	3.0	#113 Interacti	2	
0064.COMP	10	4:17	23:46:50.9	6:51:33	300	0	3.0	#113 Interacti	2	
0065.234424p06350_b	1200	4:18	23:46:50.9	6:51:33	300	0	3.0	#113 Interacti	2	
0066.COMP	10	4:38	23:46:50.9	6:51:33	300	0	3.0	#113 Interacti	2	
0067.BDp174708	30	4:41	22:11:31.3	+18:05:34	300	36	3.0	#56 Spectropho	2	
0068.BDp174708	30	4:42	22:11:31.3	+18:05:34	300	36	3.0	#56 Spectropho	2	
0069.BDp174708	30	4:42	22:11:31.3	+18:05:34	300	36	3.0	#56 Spectropho	2	

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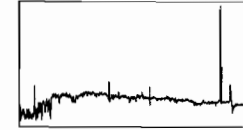
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0070.COMP	10	4:43	22:11:31.3	+18:05:34	300	36	3.0	#56 Spectropho	2	
0071.cairnsx3_022	330	4:49	0:19:49.1	22:33:31	300	0	3.0	#64f Cluster I	4	
0072.COMP	5	4:55	0:19:49.1	22:33:31	300	0	3.0	#64f Cluster I	4	
0073.V1515_Cyg	180	4:59	20:23:47.6	+42:12:24	300	93	3.0	#112 Orion PMS	4	
0074.COMP	5	5:03	20:23:47.6	+42:12:24	300	93	3.0	#112 Orion PMS	4	
0075.V1057_Cyg	180	5:03	20:58:53.7	+44:15:28	300	93	3.0	#112 Orion PMS	4	
0076.COMP	5	5:07	20:58:53.7	+44:15:28	300	93	3.0	#112 Orion PMS	4	
0077.sn2003ic	1200	5:11	00:41:50.2	-09:18:19	300	-18	3.0	#2 SN Observat	2	
0078.COMP	10	5:32	00:41:50.2	-09:18:19	300	-18	3.0	#2 SN Observat	2	
0079.MRK335	150	5:34	00:06:19.6	+20:12:11	300	-18	3.0	#6 AGN Monitor	4	
0080.MRK335	150	5:37	00:06:19.6	+20:12:11	300	-18	3.0	#6 AGN Monitor	4	
0081.COMP	5	5:40	00:06:19.6	+20:12:11	300	-18	3.0	#6 AGN Monitor	4	
0082.FineFoc	60	5:47	23:58:45.8	31:56:24	300	90	3.0	#126 GRB	1	
0083-0092.FLAT	8	5:58	23:58:45.8	31:56:24	300	90	3.0	#126 GRB	4	
0093-0102.FLAT	16	6:03	23:58:45.8	31:56:24	300	90	3.0	#126 GRB	2	
0103.BIAS	0	6:07	23:58:45.8	31:56:24	600	90	2.0	#126 GRB	4	
0104.COMP	10	6:07	23:58:45.8	31:56:24	600	90	2.0	#126 GRB	4	600-line, 2-sec, blue
0105.BDp284211	60	6:09	21:48:57.1	28:37:48	600	76	2.0	#122 Halo Star	4	
0106.BDp284211	60	6:10	21:48:57.1	28:37:48	600	76	2.0	#122 Halo Star	4	
0107.BDp284211	60	6:11	21:48:57.1	28:37:48	600	76	2.0	#122 Halo Star	4	

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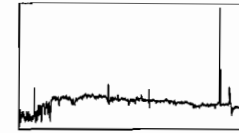
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0108.COMP	10	6:12	21:48:57.1	28:37:48	600	76	2.0	#122 Halo Star	4	
0109.hss155	1260	6:15	0:35:36.4	-0:29:37	600	0	2.0	#122 Halo Star	4	
0110.COMP	10	6:36	0:35:36.4	-0:29:37	600	0	2.0	#122 Halo Star	4	
0111.hss157	1020	6:37	0:41:46.3	-0:32:02	600	10	2.0	#122 Halo Star	4	
0112.COMP	10	6:54	0:41:46.3	-0:32:02	600	10	2.0	#122 Halo Star	4	
0113.hss158	1440	6:56	0:41:50.1	-0:52:40	600	10	2.0	#122 Halo Star	4	
0114.COMP	10	7:20	0:41:50.1	-0:52:40	600	10	2.0	#122 Halo Star	4	
0115.hs1632	660	7:21	0:41:59.1	1:14:17	600	25	2.0	#122 Halo Star	4	
0116.COMP	10	7:33	0:41:59.1	1:14:17	600	25	2.0	#122 Halo Star	4	
0117.hss159	1500	7:34	0:42:54.5	0:17:57	600	25	2.0	#122 Halo Star	4	
0118.COMP	10	8:00	0:42:54.5	0:17:57	600	25	2.0	#122 Halo Star	4	
0119.hss160	1800	8:02	0:45:16.8	-0:44:14	600	35	2.0	#122 Halo Star	4	
0120.COMP	10	8:33	0:45:16.8	-0:44:14	600	35	2.0	#122 Halo Star	4	
0121.hs1646	660	8:34	1:44:11.4	-0:45:23	600	25	2.0	#122 Halo Star	4	
0122.COMP	10	8:46	1:44:11.4	-0:45:23	600	25	2.0	#122 Halo Star	4	
0123.hss187	1320	8:47	1:47:44.7	-0:48:09	600	30	2.0	#122 Halo Star	4	
0124.COMP	10	9:09	1:47:44.7	-0:48:09	600	30	2.0	#122 Halo Star	4	
0125.hs1647	600	9:10	1:48:49.8	0:53:23	600	30	2.0	#122 Halo Star	4	
0126.COMP	10	9:20	1:48:49.8	0:53:23	600	30	2.0	#122 Halo Star	4	
0127.hs1648	600	9:21	1:49:00.1	-0:59:45	600	30	2.0	#122 Halo Star	4	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0128.COMP	10	9:31	1:49:00.1	-0:59:45	600	30	2.0	#122 Halo Star	4	
0129.hs1667	1260	9:32	2:48:51.4	0:50:44	600	30	2.0	#122 Halo Star	4	
0130.COMP	10	9:54	2:48:51.4	0:50:44	600	30	2.0	#122 Halo Star	4	
0131.hss226	1800	9:55	2:50:21.8	-0:57:36	600	30	2.0	#122 Halo Star	4	
0132.COMP	10	10:25	2:50:21.8	-0:57:36	600	30	2.0	#122 Halo Star	4	
0133.hs1668	720	10:26	2:53:22.3	0:46:34	600	40	2.0	#122 Halo Star	4	
0134.COMP	10	10:39	2:53:22.3	0:46:34	600	40	2.0	#122 Halo Star	4	
0135.hss227	1800	10:40	2:54:02.6	-0:02:22	600	40	2.0	#122 Halo Star	4	
0136.COMP	10	11:10	2:54:02.6	-0:02:22	600	40	2.0	#122 Halo Star	4	
0137.hs1688	720	11:12	3:38:12.3	0:20:24	600	40	2.0	#122 Halo Star	4	
0138.COMP	10	11:25	3:38:12.3	0:20:24	600	40	2.0	#122 Halo Star	4	
0139.hs1689	720	11:26	3:38:27.6	-0:58:16	600	40	2.0	#122 Halo Star	4	
0140.COMP	10	11:38	3:38:27.6	-0:58:16	600	40	2.0	#122 Halo Star	4	
0141.hs1685	960	11:40	3:30:32.4	-0:45:37	600	45	2.0	#122 Halo Star	4	
0142.COMP	10	11:56	3:30:32.4	-0:45:37	600	45	2.0	#122 Halo Star	4	
0143.hs1687	390	11:59	3:36:06.7	0:14:34	600	45	2.0	#122 Halo Star	4	
0144.COMP	10	12:06	3:36:06.7	0:14:34	600	45	2.0	#122 Halo Star	4	
0145-0154.FLAT	40	12:15	3:36:06.7	0:14:34	600	90	2.0	#126 GRB	4	
0155-0164.BIAS	0	12:17	3:36:06.7	0:14:34	600	90	2.0	#126 GRB	4	
0165-0174.BIAS	0	12:20	3:36:06.7	0:14:34	600	90	2.0	#126 GRB	2	

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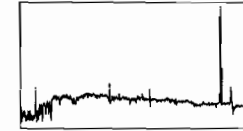
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0175.test	10	12:24	3:36:06.7	0:14:34	300	90	3.0	#126 GRB	2	
0176.test	10	12:25	3:36:06.7	0:14:34	300	90	3.0	#126 GRB	2	
0177.DARK	900	12:29	07:02:22.7	+31:30:09	300	90	3.0	#126 GRB	4	
0178.DARK	900	12:44	07:17:36.8	+31:30:14	300	90	3.0	#126 GRB	4	
0179.DARK	900	12:59	07:32:47.7	+31:30:18	300	90	3.0	#126 GRB	4	
0180.DARK	900	13:14	07:48:01.8	+31:30:23	300	90	3.0	#126 GRB	4	
0181.DARK	900	13:29	08:03:15.9	+31:30:27	300	90	3.0	#126 GRB	4	
0182.DARK	900	13:45	08:18:31.0	+31:30:31	300	90	3.0	#126 GRB	4	
0183.DARK	900	14:00	08:33:42.0	+31:30:35	300	90	3.0	#126 GRB	4	
0184.DARK	900	14:15	08:48:57.1	+31:30:39	300	90	3.0	#126 GRB	4	
0185.DARK	900	14:30	09:04:11.2	+31:30:42	300	90	3.0	#126 GRB	4	
0186.DARK	900	14:45	09:19:22.2	+31:30:45	300	90	3.0	#126 GRB	4	
0187.DARK	900	15:01	09:34:40.4	+31:30:48	300	90	3.0	#126 GRB	2	
0188.DARK	900	15:16	09:49:55.4	+31:30:51	300	90	3.0	#126 GRB	2	
0189.DARK	900	15:31	10:05:14.3	+31:30:53	300	90	3.0	#126 GRB	2	
0190.DARK	900	15:46	10:20:32.7	+31:30:55	300	90	3.0	#126 GRB	2	
0191.DARK	900	16:02	10:35:51.0	+31:30:57	300	90	3.0	#126 GRB	2	
0192.DARK	900	16:17	10:51:10.0	+31:30:58	300	90	3.0	#126 GRB	2	
0193.DARK	900	16:32	11:06:28.0	+31:30:59	300	90	3.0	#126 GRB	2	
0194.DARK	900	16:47	11:21:50.1	+31:31:00	300	90	3.0	#126 GRB	2	

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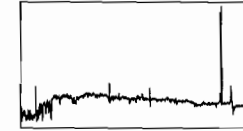
<i>File</i>	<i>Exp Time</i>	<i>UT Start</i>	<i>RA</i>	<i>Dec</i>	<i>Gr.</i>	<i>P.A.</i>	<i>Slit</i>	<i>Program</i>	<i>Bin</i>	<i>Comments</i>
0195-0196.DARK	900	17:18	11:52:24.4	+31:31:01	300	90	3.0	#126 GRB	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001.DARK	900	0:23	18:58:41.2	+31:29:24	300	90	3.0	#126 GRB	4	
0002.DARK	900	0:38	19:13:50.5	+31:29:20	300	90	3.0	#126 GRB	4	
0003.DARK	900	0:53	19:28:59.9	+31:29:15	300	90	3.0	#126 GRB	4	
0004.DARK	900	1:08	19:44:09.4	+31:29:11	300	90	3.0	#126 GRB	4	
0005.DARK	900	1:24	19:59:19.3	+31:29:06	300	90	3.0	#126 GRB	4	
0006-0015.BIAS	0	1:40	20:00:44.1	+31:29:06	300	90	3.0	#126 GRB	4	
0016.FLAT	6	1:41	20:02:04.6	+31:29:06	300	90	3.0	#126 GRB	4	
0017-0025.FLAT	6	1:43	20:03:59.3	+31:29:05	300	90	3.0	#126 GRB	4	
0026-0031.BIAS	0	1:45	20:05:54.0	+31:29:05	300	90	3.0	#126 GRB	2	
0032-0035.BIAS	0	1:46	20:06:45.1	+31:29:04	300	90	3.0	#126 GRB	2	
0036-0040.FLAT	12	1:48	20:09:22.9	+31:29:04	300	90	3.0	#126 GRB	2	
0041-0045.FLAT	12	1:50	20:11:26.1	+31:29:03	300	90	3.0	#126 GRB	2	
0046.BDp284211	60	1:56	21:48:57.1	28:37:48	300	90	3.0	#56 Spectropho	4	saturated?...
0047.BDp284211	60	1:57	21:48:57.1	28:37:48	300	90	3.0	#56 Spectropho	4	saturated?
0048.COMP	5	1:58	21:48:57.1	28:37:48	300	90	3.0	#56 Spectropho	4	
0049.BDp284211	45	2:00	21:48:57.1	28:37:48	300	90	3.0	#56 Spectropho	2	
0050.BDp284211	45	2:01	21:48:57.1	28:37:48	300	90	3.0	#56 Spectropho	2	
0051.COMP	12	2:03	21:48:57.1	28:37:48	300	90	3.0	#56 Spectropho	2	
0052.BDp284211	45	2:07	21:48:57.1	28:37:48	300	90	3.0	#56 Spectropho	4	
0053.BDp284211	45	2:08	21:48:57.1	28:37:48	300	90	3.0	#56 Spectropho	4	

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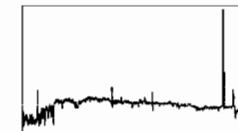
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0054.COMP	5	2:09	21:48:57.1	28:37:48	300	90	3.0	#56 Spectropho	4	
0055.BDp284211	45	2:11	21:48:57.1	28:37:48	300	104	3.0	#56 Spectropho	2	
0056.BDp284211	45	2:12	21:48:57.1	28:37:48	300	104	3.0	#56 Spectropho	2	
0057.COMP	12	2:13	21:48:57.1	28:37:48	300	104	3.0	#56 Spectropho	2	
0058.3C390.3	300	2:26	18:42:09.1	79:46:17	300	90	3.0	#6 AGN Monitor	2	
0059.3C390.3	300	2:31	18:42:09.1	79:46:17	300	90	3.0	#6 AGN Monitor	2	
0060.3C390.3	300	2:36	18:42:09.1	79:46:17	300	90	3.0	#6 AGN Monitor	2	
0061.COMP	12	2:42	18:42:09.1	79:46:17	300	90	3.0	#6 AGN Monitor	2	
0062.TYC2600m612m1	90	2:44	17:23:39.8	35:27:57	300	90	3.0	#126 GRB	2	
0063.TYC2600m612m1	90	2:45	17:23:39.8	35:27:57	300	90	3.0	#126 GRB	2	
0064.TYC2600m612m1	90	2:47	17:23:39.8	35:27:57	300	90	3.0	#126 GRB	2	
0065.COMP	12	2:49	17:23:39.8	35:27:57	300	90	3.0	#126 GRB	2	
0066.AGDra	2	2:55	16:01:41	66:48:10	300	90	3.0	#12 Symbiotic	2	
0067.AGDra	15	2:56	16:01:41	66:48:10	300	90	3.0	#12 Symbiotic	2	
0068.AGDra	45	2:57	16:01:41	66:48:10	300	90	3.0	#12 Symbiotic	2	
0069.COMP	12	2:58	16:01:41	66:48:10	300	90	3.0	#12 Symbiotic	2	
0070.RSOph	10	3:01	17:50:13	-06:42:30	300	90	3.0	#12 Symbiotic	2	
0071.RSOph	5	3:01	17:50:13	-06:42:30	300	90	3.0	#12 Symbiotic	2	
0072.RSOph	60	3:02	17:50:13	-06:42:30	300	90	3.0	#12 Symbiotic	2	
0073.RSOph	150	3:03	17:50:13	-06:42:30	300	90	3.0	#12 Symbiotic	2	

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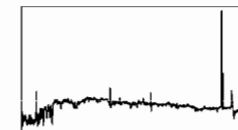
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0074.COMP	12	3:06	17:50:13	-06:42:30	300	90	3.0	#12 Symbiotic	2	
0075.DracoC1	1200	3:10	17:19:58	57:50:06	300	90	3.0	#12 Symbiotic	2	
0076.COMP	12	3:30	17:19:58	57:50:06	300	90	3.0	#12 Symbiotic	2	
0077.sn2003hy	1200	3:37	21:54:22.7	+15:09:37	300	2	3.0	#2 SN Observat	2	
0078.COMP	12	3:58	21:54:22.7	+15:09:37	300	2	3.0	#2 SN Observat	2	
0079.V443Her	4	4:02	18:22:07	23:27:20	300	90	3.0	#12 Symbiotic	2	
0080.V443Her	45	4:03	18:22:07	23:27:20	300	90	3.0	#12 Symbiotic	2	
0081.V443Her	90	4:04	18:22:07	23:27:20	300	90	3.0	#12 Symbiotic	2	
0082.COMP	12	4:06	18:22:07	23:27:20	300	90	3.0	#12 Symbiotic	2	
0083.BFCyg	5	4:10	19:23:53	29:40:27	300	90	3.0	#12 Symbiotic	2	
0084.BFCyg	45	4:11	19:23:53	29:40:27	300	90	3.0	#12 Symbiotic	2	
0085.BFCyg	90	4:12	19:23:53	29:40:27	300	90	3.0	#12 Symbiotic	2	
0086.COMP	12	4:14	19:23:53	29:40:27	300	90	3.0	#12 Symbiotic	2	
0087.BDp284211	45	4:18	21:48:57.1	28:37:48	300	72	3.0	#56 Spectropho	2	
0088.COMP	12	4:19	21:48:57.1	28:37:48	300	72	3.0	#56 Spectropho	2	
0089.BDp284211	45	4:22	21:48:57.1	28:37:48	300	72	3.0	#56 Spectropho	2	with WG 360
0090.COMP	12	4:23	21:48:57.1	28:37:48	300	72	3.0	#56 Spectropho	2	with WG 360
0091.BDp174708	3	4:28	22:11:31.3	+18:05:34	300	29	3.0	#56 Spectropho	2	with WG 360
0092.BDp174708	11	4:29	22:11:31.3	+18:05:34	300	29	3.0	#56 Spectropho	2	with WG 360
0093.BDp174708	15	4:30	22:11:31.3	+18:05:34	300	29	3.0	#56 Spectropho	2	with WG 360

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0094.COMP	12	4:31	22:11:31.3	+18:05:34	300	29	3.0	#56 Spectropho	2	with WG 360
0095.BDp174708	15	4:33	22:11:31.3	+18:05:34	300	29	3.0	#56 Spectropho	2	
0096.COMP	12	4:34	22:11:31.3	+18:05:34	300	29	3.0	#56 Spectropho	2	
0097.sn2003iq	1200	5:01	01:59:19.9	+18:59:42	300	110	3.0	#2 SN Observat	2	
0098.COMP	12	5:21	01:59:19.9	+18:59:42	300	110	3.0	#2 SN Observat	2	
0099.sn2003io	1200	5:29	02:17:26.8	+14:34:36	300	-40	3.0	#2 SN Observat	2	
0100.COMP	12	5:49	02:17:26.8	+14:34:36	300	-40	3.0	#2 SN Observat	2	
0101.hs1605	1200	5:59	23:13:00.4	0:55:09	600	90	2.0	#122 Halo Star	4	600L, 2arcsec, tilt=430
0102.COMP	10	6:20	23:13:00.4	0:55:09	600	90	2.0	#122 Halo Star	4	
0103.hs1607	960	6:22	23:14:06.7	0:02:25	600	90	2.0	#122 Halo Star	4	
0104.COMP	10	6:38	23:14:06.7	0:02:25	600	90	2.0	#122 Halo Star	4	
0105.hs1608	720	6:40	23:15:13.3	0:57:39	600	70	2.0	#122 Halo Star	4	
0106.COMP	10	6:53	23:15:13.3	0:57:39	600	70	2.0	#122 Halo Star	4	
0107.hs1609	780	6:55	23:18:41.4	-0:47:14	600	90	2.0	#122 Halo Star	4	
0108.COMP	10	7:08	23:18:41.4	-0:47:14	600	90	2.0	#122 Halo Star	4	
0109.hs1635	1080	7:16	1:03:07.4	-1:14:45	600	90	2.0	#122 Halo Star	4	
0110.COMP	10	7:34	1:03:07.4	-1:14:45	600	90	2.0	#122 Halo Star	4	
0111.hs1636	720	7:37	1:07:34.6	-1:10:20	600	90	2.0	#122 Halo Star	4	
0112.COMP	10	7:49	1:07:34.6	-1:10:20	600	90	2.0	#122 Halo Star	4	
0113.hss171	1200	7:52	1:08:31.4	-0:29:28	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
0114.COMP	10	8:13	1:08:31.4	-0:29:28	600	90	2.0	#122 Halo Star	4	
0115.hs1637	1140	8:15	1:09:01.7	-0:11:12	600	90	2.0	#122 Halo Star	4	
0116.COMP	10	8:35	1:09:01.7	-0:11:12	600	90	2.0	#122 Halo Star	4	
0117.hss172	1500	8:36	1:09:46.5	-0:55:26	600	90	2.0	#122 Halo Star	4	
0118.COMP	10	9:02	1:09:46.5	-0:55:26	600	90	2.0	#122 Halo Star	4	
0119.hss213	1800	9:06	2:30:26.6	-0:03:59	600	90	2.0	#122 Halo Star	4	
0120.COMP	10	9:37	2:30:26.6	-0:03:59	600	90	2.0	#122 Halo Star	4	
0121.hs1663	540	9:38	2:31:24.3	-1:06:26	600	90	2.0	#122 Halo Star	4	
0122.COMP	10	9:48	2:31:24.3	-1:06:26	600	90	2.0	#122 Halo Star	4	
0123.hss222	1800	9:50	2:42:02.1	0:39:54	600	90	2.0	#122 Halo Star	4	
0124.COMP	10	10:21	2:42:02.1	0:39:54	600	90	2.0	#122 Halo Star	4	
0125.hss215	1080	10:23	2:33:27.2	-0:54:50	600	90	2.0	#122 Halo Star	4	
0126.COMP	10	10:42	2:33:27.2	-0:54:50	600	90	2.0	#122 Halo Star	4	
0127.hss241	1800	10:44	3:38:36.3	-0:16:26	600	90	2.0	#122 Halo Star	4	
0128.COMP	10	11:14	3:38:36.3	-0:16:26	600	90	2.0	#122 Halo Star	4	
0129.Hiltner600	45	11:16	06:42:37.2	02:11:25	600	90	2.0	#56 Spectropho	4	
0130.COMP	10	11:17	06:42:37.2	02:11:25	600	90	2.0	#56 Spectropho	4	
0131-0140.FLAT	40	11:26	06:42:37.2	02:11:25	600	90	2.0	#122 Halo Star	4	
0141.FineFoc	60	11:32	04:59:38.2	31:16:31	300	90	3.0	#122 Halo Star	1	
0142.COMP	5	11:37	04:59:38.2	31:16:31	300	90	3.0	#122 Halo Star	4	test comp

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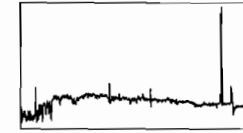
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0143.COMP	12	11:38	04:59:38.2	31:16:31	300	90	3.0	#122 Halo Star	2	test comp
0144.2M05033494p2015170	1020	11:42	05:03:34.9	+20:15:17	300	70	3.0	#68 2MASS Reds	2	
0145.COMP	12	12:00	05:03:34.9	+20:15:17	300	70	3.0	#68 2MASS Reds	2	
0146.2M05061300m0024352	300	12:01	05:06:13.0	-00:24:35	300	90	3.0	#68 2MASS Reds	2	
0147.COMP	12	12:07	05:06:13.0	-00:24:35	300	90	3.0	#68 2MASS Reds	2	
0148.2M04592453p6217118	660	12:10	04:59:24.5	+62:17:11	300	90	3.0	#68 2MASS Reds	2	
0149.COMP	12	12:21	04:59:24.5	+62:17:11	300	90	3.0	#68 2MASS Reds	2	
0150.2M05192713p1426368	600	12:23	05:19:27.1	+14:26:36	300	90	3.0	#68 2MASS Reds	2	
0151.COMP	12	12:34	05:19:27.1	+14:26:36	300	90	3.0	#68 2MASS Reds	2	
0152.Hiltner600	30	12:36	06:42:37.2	02:11:25	300	90	3.0	#56 Spectropho	2	
0153.COMP	12	12:37	06:42:37.2	02:11:25	300	90	3.0	#56 Spectropho	2	
0154-0159.BIAS	0	13:07	07:29:45.1	+31:30:17	300	90	3.0	#68 2MASS Reds	4	
0160-0163.BIAS	0	13:08	07:30:14.8	+31:30:18	300	90	3.0	#68 2MASS Reds	4	
0164-0171.FLAT	6	13:10	07:33:00.6	+31:30:18	300	90	3.0	#68 2MASS Reds	4	
0172-0173.FLAT	6	13:11	07:33:26.1	+31:30:19	300	90	3.0	#68 2MASS Reds	4	
0174-0183.BIAS	0	13:13	07:35:51.5	+31:30:19	300	90	3.0	#68 2MASS Reds	2	
0184-0192.FLAT	12	13:17	07:39:50.1	+31:30:20	300	90	3.0	#68 2MASS Reds	2	
0193.FLAT	12	13:17	07:40:15.4	+31:30:21	300	90	3.0	#68 2MASS Reds	2	
0194.DARK	900	13:19	07:56:14.7	+31:30:25	300	90	3.0	#68 2MASS Reds	2	
0195.DARK	900	13:34	08:11:31.6	+31:30:29	300	90	3.0	#68 2MASS Reds	2	

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<i>File</i>	<i>Exp Time</i>	<i>UT Start</i>	<i>RA</i>	<i>Dec</i>	<i>Gr.</i>	<i>P.A.</i>	<i>Slit</i>	<i>Program</i>	<i>Bin</i>	<i>Comments</i>
0196.DARK	900	13:49	08:26:48.3	+31:30:33	300	90	3.0	#68 2MASS Reds	2	
0197.DARK	900	14:04	08:42:01.3	+31:30:37	300	90	3.0	#68 2MASS Reds	2	
0198.DARK	900	14:19	08:57:17.8	+31:30:41	300	90	3.0	#68 2MASS Reds	2	
0199.DARK	900	14:35	09:12:31.4	+31:30:44	300	90	3.0	#68 2MASS Reds	2	
0200.DARK	900	14:50	09:27:48.1	+31:30:47	300	90	3.0	#68 2MASS Reds	2	
0201.DARK	900	15:05	09:43:01.4	+31:30:50	300	90	3.0	#68 2MASS Reds	2	
0202.DARK	900	15:20	09:58:17.4	+31:30:52	300	90	3.0	#68 2MASS Reds	2	
0203.DARK	900	15:35	10:13:33.6	+31:30:54	300	90	3.0	#68 2MASS Reds	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001.DARK	900	22:12	16:51:32.3	+31:30:05	300	90	3.0	#68 2MASS Reds	4	
0002.DARK	900	22:27	17:06:41.0	+31:30:01	300	90	3.0	#68 2MASS Reds	4	
0003.DARK	900	22:42	17:21:50.1	+31:29:56	300	90	3.0	#68 2MASS Reds	4	
0004.DARK	900	22:58	17:36:58.3	+31:29:51	300	90	3.0	#68 2MASS Reds	4	
0005.DARK	900	23:13	17:52:09.8	+31:29:46	300	90	3.0	#68 2MASS Reds	4	
0006.DARK	900	23:28	18:07:18.4	+31:29:41	300	90	3.0	#68 2MASS Reds	4	
0007.DARK	900	23:43	18:22:26.4	+31:29:36	300	90	3.0	#68 2MASS Reds	4	
0008.DARK	900	23:58	18:37:38.6	+31:29:31	300	90	3.0	#68 2MASS Reds	4	
0009.DARK	900	0:13	18:52:45.5	+31:29:26	300	90	3.0	#68 2MASS Reds	4	
0010.DARK	900	0:28	19:07:54.2	+31:29:22	300	90	3.0	#68 2MASS Reds	4	
0011-0020.BIAS	0	0:45	19:09:11.0	+31:29:21	300	90	3.0	#68 2MASS Reds	4	
0021.FLAT	6	0:46	19:11:06.1	+31:29:21	300	90	3.0	#68 2MASS Reds	4	
0022-0030.FLAT	6	0:48	19:13:04.7	+31:29:20	300	90	3.0	#68 2MASS Reds	4	
0031-0034.BIAS	0	0:50	19:14:17.4	+31:29:20	300	90	3.0	#68 2MASS Reds	2	
0035-0040.BIAS	0	0:51	19:15:34.0	+31:29:19	300	90	3.0	#68 2MASS Reds	2	
0041-0043.FLAT	12	0:53	19:17:20.6	+31:29:19	300	90	3.0	#68 2MASS Reds	2	
0044-0050.FLAT	12	0:55	19:20:15.1	+31:29:18	300	90	3.0	#68 2MASS Reds	2	
0051-0055.sky	2	1:02	19:27:02.8	+31:29:16	300	90	3.0	#57 Velocity S	2	
0056.COMP	12	1:03	19:27:49.9	+31:29:15	300	90	3.0	#57 Velocity S	2	
0057.BDp284211	45	1:46	21:48:57.1	28:37:48	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
0058.BDp284211	45	1:47	21:48:57.1	28:37:48	300	90	3.0	#56 Spectropho	2	
0059.COMP	12	1:49	21:48:57.1	28:37:48	300	90	3.0	#56 Spectropho	2	
0060.BDp284211	45	1:50	21:48:57.1	28:37:48	300	90	3.0	#56 Spectropho	4	
0061.BDp284211	45	1:51	21:48:57.1	28:37:48	300	90	3.0	#56 Spectropho	4	
0062.COMP	5	1:52	21:48:57.1	28:37:48	300	90	3.0	#56 Spectropho	4	
0063.BDp284211	40	1:53	21:48:57.1	28:37:48	300	104	3.0	#56 Spectropho	2	
0064.BDp284211	40	1:54	21:48:57.1	28:37:48	300	104	3.0	#56 Spectropho	2	
0065.COMP	12	1:55	21:48:57.1	28:37:48	300	104	3.0	#56 Spectropho	2	
0066.AGDra	2	1:59	16:01:41	66:48:10	300	90	3.0	#12 Symbiotic	2	
0067.AGDra	15	2:00	16:01:41	66:48:10	300	90	3.0	#12 Symbiotic	2	
0068.AGDra	45	2:00	16:01:41	66:48:10	300	90	3.0	#12 Symbiotic	2	
0069.COMP	12	2:02	16:01:41	66:48:10	300	90	3.0	#12 Symbiotic	2	
0070.2M190447.5p+522821	420	2:04	19:04:47.5	+52:28:21	300	90	3.0	2MASS Redshift	2	
0071.COMP	12	2:11	19:04:47.5	+52:28:21	300	90	3.0	2MASS Redshift	2	
0072.2M190938.5p+505509	360	2:13	19:09:38.5	+50:55:09	300	90	3.0	2MASS Redshift	2	
0073.COMP	12	2:20	19:09:38.5	+50:55:09	300	90	3.0	2MASS Redshift	2	
0074.2M191115.2p+474357	240	2:21	19:11:15.2	+47:43:57	300	90	3.0	2MASS Redshift	2	
0075.COMP	12	2:26	19:11:15.2	+47:43:57	300	90	3.0	2MASS Redshift	2	
0076.2M191316.0p+470649	240	2:28	19:13:16.0	+47:06:49	300	90	3.0	2MASS Redshift	2	
0077.COMP	12	2:32	19:13:16.0	+47:06:49	300	90	3.0	2MASS Redshift	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0078.2M191336.7p+474138	180	2:35	19:13:36.7	+47:41:38	300	90	3.0	2MASS Redshift	2	
0079.COMP	12	2:38	19:13:36.7	+47:41:38	300	90	3.0	2MASS Redshift	2	
0080.2M191532.0p+760535	150	2:40	19:15:32.0	+76:05:35	300	90	3.0	2MASS Redshift	2	
0081.COMP	12	2:43	19:15:32.0	+76:05:35	300	90	3.0	2MASS Redshift	2	
0082.2M191652.3p+460412	120	2:45	19:16:52.3	+46:04:12	300	90	3.0	2MASS Redshift	2	
0083.COMP	12	2:47	19:16:52.3	+46:04:12	300	90	3.0	2MASS Redshift	2	
0084.2M191739.6p+423701	240	2:48	19:17:39.6	+42:37:01	300	90	3.0	2MASS Redshift	2	
0085.COMP	12	2:53	19:17:39.6	+42:37:01	300	90	3.0	2MASS Redshift	2	
0086.2M192204.2p+605811	600	2:54	19:22:04.2	+60:58:11	300	90	3.0	2MASS Redshift	2	
0087.COMP	12	3:05	19:22:04.2	+60:58:11	300	90	3.0	2MASS Redshift	2	
0088.2M192429.7p+423946	300	3:06	19:24:29.7	+42:39:46	300	90	3.0	2MASS Redshift	2	
0089.COMP	12	3:12	19:24:29.7	+42:39:46	300	90	3.0	2MASS Redshift	2	
0090.2M192659.0p+482641	150	3:13	19:26:59.0	+48:26:41	300	90	3.0	2MASS Redshift	2	
0091.COMP	12	3:16	19:26:59.0	+48:26:41	300	90	3.0	2MASS Redshift	2	
0092.2M192722.7p+544830	240	3:17	19:27:22.7	+54:48:30	300	90	3.0	2MASS Redshift	2	
0093.COMP	12	3:22	19:27:22.7	+54:48:30	300	90	3.0	2MASS Redshift	2	
0094.sn2003hy	1200	3:25	21:54:22.7	+15:09:37	300	-5	3.0	#2 SN Observat	2	
0095.COMP	12	3:45	21:54:22.7	+15:09:37	300	-5	3.0	#2 SN Observat	2	
0096.BDp284211	40	3:51	21:48:57.1	28:37:48	300	60	3.0	#56 Spectropho	2	
0097.COMP	12	3:52	21:48:57.1	28:37:48	300	60	3.0	#56 Spectropho	2	

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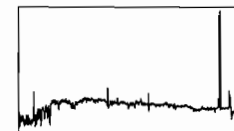
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0098.BDp174708	15	3:56	22:11:31.3	+18:05:34	300	7	3.0	#56 Spectropho	2	
0099.COMP	12	3:56	22:11:31.3	+18:05:34	300	7	3.0	#56 Spectropho	2	
0100.sn2003it	1200	4:03	00:05:48.4	27:27:09	300	107	3.0	#2 SN Observat	2	
0101.COMP	12	4:23	00:05:48.4	27:27:09	300	107	3.0	#2 SN Observat	2	
0102.HD217086	3	4:31	22:54:49.0	62:27:35	600	90	2.0	#122 Halo Star	4	600L, 2arcsec, tilt=430
0103.COMP	10	4:32	22:54:49.0	62:27:35	600	90	2.0	#122 Halo Star	4	
0104.hs1610	840	4:37	23:21:07.9	0:51:17	600	90	2.0	#122 Halo Star	4	
0105.COMP	10	4:52	23:21:07.9	0:51:17	600	90	2.0	#122 Halo Star	4	
0106.hs1611	540	4:53	23:26:01.6	0:27:57	600	90	2.0	#122 Halo Star	4	
0107.COMP	10	5:02	23:26:01.6	0:27:57	600	90	2.0	#122 Halo Star	4	
0108.hs1612	420	5:04	23:32:09.9	0:05:37	600	90	2.0	#122 Halo Star	4	
0109.COMP	10	5:11	23:32:09.9	0:05:37	600	90	2.0	#122 Halo Star	4	
0110.hs1613	660	5:12	23:33:56.1	-1:12:14	600	90	2.0	#122 Halo Star	4	
0111.COMP	10	5:24	23:33:56.1	-1:12:14	600	90	2.0	#122 Halo Star	4	
0112.hs1614	660	5:25	23:35:47.0	0:52:54	600	90	2.0	#122 Halo Star	4	
0113.COMP	10	5:36	23:35:47.0	0:52:54	600	90	2.0	#122 Halo Star	4	
0114.hs1615	600	5:37	23:40:00.4	-0:30:39	600	90	2.0	#122 Halo Star	4	
0115.COMP	10	5:48	23:40:00.4	-0:30:39	600	90	2.0	#122 Halo Star	4	
0116.hs1616	420	5:48	23:40:29.6	-0:23:01	600	90	2.0	#122 Halo Star	4	
0117.COMP	10	5:56	23:40:29.6	-0:23:01	600	90	2.0	#122 Halo Star	4	

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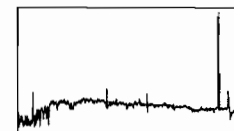
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0118.hs1617	540	5:57	23:51:53.2	0:28:17	600	90	2.0	#122 Halo Star	4	
0119.COMP	10	6:06	23:51:53.2	0:28:17	600	90	2.0	#122 Halo Star	4	
0120.hs1618	360	6:08	23:53:19.3	0:16:14	600	90	2.0	#122 Halo Star	4	
0121.COMP	10	6:14	23:53:19.3	0:16:14	600	90	2.0	#122 Halo Star	4	
0122.hs1619	480	6:15	23:55:14.5	0:03:22	600	90	2.0	#122 Halo Star	4	
0123.COMP	10	6:24	23:55:14.5	0:03:22	600	90	2.0	#122 Halo Star	4	
0124.hs1620	660	6:25	0:01:26.0	1:14:53	600	90	2.0	#122 Halo Star	4	
0125.COMP	10	6:37	0:01:26.0	1:14:53	600	90	2.0	#122 Halo Star	4	
0126.hs1621	1020	6:38	0:03:02.7	-0:15:41	600	90	2.0	#122 Halo Star	4	
0127.COMP	10	6:55	0:03:02.7	-0:15:41	600	90	2.0	#122 Halo Star	4	
0128.hs1622	720	6:57	0:05:49.2	0:27:13	600	90	2.0	#122 Halo Star	4	
0129.COMP	10	7:09	0:05:49.2	0:27:13	600	90	2.0	#122 Halo Star	4	
0130.hss137	1260	7:10	0:10:31.0	-0:13:58	600	90	2.0	#122 Halo Star	4	
0131.COMP	10	7:31	0:10:31.0	-0:13:58	600	90	2.0	#122 Halo Star	4	
0132.hss189	1260	7:34	1:49:25.2	-0:28:16	600	90	2.0	#122 Halo Star	4	
0133.COMP	10	7:56	1:49:25.2	-0:28:16	600	90	2.0	#122 Halo Star	4	
0134.hss190	1080	7:58	1:51:28.6	-0:49:34	600	90	2.0	#122 Halo Star	4	
0135.COMP	10	8:16	1:51:28.6	-0:49:34	600	90	2.0	#122 Halo Star	4	
0136-0145.FLAT	40	8:25	1:51:28.6	-0:49:34	600	90	2.0	#122 Halo Star	4	
0146.Feige24	90	8:32	02:32:31	03:30:51	300	10	3.0	#56 Spectropho	4	combo setup

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0147.COMP	5	8:34	02:32:31	03:30:51	300	10	3.0	#56 Spectropho	4	
0148.Feige24	180	8:35	02:32:31	03:30:51	300	10	3.0	#56 Spectropho	2	
0149.COMP	12	8:38	02:32:31	03:30:51	300	10	3.0	#56 Spectropho	2	
0150.snpgc10738	1200	8:42	02:50:07.2	12:50:46	300	11	3.0	#2 SN Observat	2	
0151.COMP	12	9:03	02:50:07.2	12:50:46	300	11	3.0	#2 SN Observat	2	
0152.023618p18100.a	1500	9:13	2:39:5.7	18:23:19	300	-30	3.0	#113 Interacti	2	rows = 93 to 59
0153.COMP	12	9:39	2:39:5.7	18:23:19	300	-30	3.0	#113 Interacti	2	
0154.023618p18100.b	1500	9:42	2:39:4.5	18:23:38	300	90	3.0	#113 Interacti	2	rows = 90 to 76
0155.COMP	12	10:07	2:39:4.5	18:23:38	300	90	3.0	#113 Interacti	2	
0156.023618p18100.d	1320	10:10	2:39:9.4	18:22:3	300	110	3.0	#113 Interacti	2	
0157.COMP	12	10:32	2:39:9.4	18:22:3	300	110	3.0	#113 Interacti	2	
0158.030042p43120.b	1500	10:39	3:3:53.1	43:27:36	300	90	3.0	#113 Interacti	2	
0159.COMP	12	11:05	3:3:53.1	43:27:36	300	90	3.0	#113 Interacti	2	
0160.030042p43120.c	1680	11:07	3:4:6.4	43:27:24	300	70	3.0	#113 Interacti	2	
0161.COMP	12	11:35	3:4:6.4	43:27:24	300	70	3.0	#113 Interacti	2	
0162.FineFoc	60	11:42	06:04:01.8	31:37:54	300	90	3.0	#113 Interacti	1	
0163.BGGem	300	11:48	6:03:31	27:41:50	300	90	3.0	#100 BGGem	2	
0164.COMP	12	11:54	6:03:31	27:41:50	300	90	3.0	#100 BGGem	2	
0165.BGGem	1200	11:54	6:03:31	27:41:50	300	90	3.0	#100 BGGem	2	
0166.COMP	12	12:15	6:03:31	27:41:50	300	90	3.0	#100 BGGem	2	

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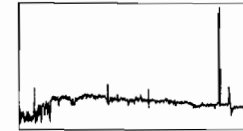
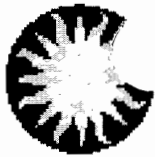
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0167.HD52071	2	12:16	06:57:51	+27:13:42	300	90	3.0	#57 Velocity S	2	
0168.COMP	12	12:17	06:57:51	+27:13:42	300	90	3.0	#57 Velocity S	2	
0169.Hiltner600	45	12:19	06:42:37.2	02:11:25	300	90	3.0	#56 Spectropho	2	
0170.COMP	12	12:20	06:42:37.2	02:11:25	300	90	3.0	#56 Spectropho	2	
0171.Hiltner600	45	12:21	06:42:37.2	02:11:25	300	0	3.0	#56 Spectropho	2	
0172.COMP	12	12:22	06:42:37.2	02:11:25	300	0	3.0	#56 Spectropho	2	
0173-0182.BIAS	0	12:27	06:42:37.2	02:11:25	300	90	3.0	#113 Interacti	4	
0183-0192.FLAT	6	12:30	06:42:37.2	02:11:25	300	90	3.0	#113 Interacti	4	
0193-0202.BIAS	0	12:33	06:42:37.2	02:11:25	300	90	3.0	#113 Interacti	2	
0203-0212.FLAT	12	12:38	06:42:37.2	02:11:25	300	90	3.0	#113 Interacti	2	
0213-0222.DARK	900	14:57	06:42:37.2	02:11:25	300	90	3.0	#113 Interacti	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001-0010.DARK	900	0:51	06:42:37.2	02:11:25	300	90	3.0	#113 Interacti	4	
0011-0020.BIAS	0	1:07	06:42:37.2	02:11:25	300	90	3.0	#113 Interacti	4	
0021-0030.FLAT	6	1:10	06:42:37.2	02:11:25	300	90	3.0	#113 Interacti	4	
0031-0040.BIAS	0	1:12	06:42:37.2	02:11:25	300	90	3.0	#113 Interacti	2	
0041-0050.FLAT	12	1:16	06:42:37.2	02:11:25	300	90	3.0	#113 Interacti	2	
0051.BDp284211	40	1:33	21:48:57.1	28:37:48	300	90	3.0	#56 Spectropho	4	
0052.BDp284211	40	1:34	21:48:57.1	28:37:48	300	90	3.0	#56 Spectropho	4	
0053.COMP	5	1:35	21:48:57.1	28:37:48	300	90	3.0	#56 Spectropho	4	
0054.BDp284211	40	1:35	21:48:57.1	28:37:48	300	90	3.0	#56 Spectropho	2	
0055.BDp284211	40	1:36	21:48:57.1	28:37:48	300	90	3.0	#56 Spectropho	2	
0056.COMP	12	1:37	21:48:57.1	28:37:48	300	90	3.0	#56 Spectropho	2	
0057.BDp284211	40	1:38	21:48:57.1	28:37:48	300	104	3.0	#56 Spectropho	2	
0058.BDp284211	40	1:39	21:48:57.1	28:37:48	300	104	3.0	#56 Spectropho	2	
0059.COMP	12	1:40	21:48:57.1	28:37:48	300	104	3.0	#56 Spectropho	2	
0060.RS0ph	10	1:43	17:50:13	-06:42:30	300	90	3.0	#12 Symbiotic	2	
0061.RS0ph	60	1:43	17:50:13	-06:42:30	300	90	3.0	#12 Symbiotic	2	
0062.RS0ph	150	1:45	17:50:13	-06:42:30	300	90	3.0	#12 Symbiotic	2	
0063.COMP	12	1:48	17:50:13	-06:42:30	300	90	3.0	#12 Symbiotic	2	
0064.AGDra	2	1:50	16:01:41	66:48:10	300	90	3.0	#12 Symbiotic	2	
0065.AGDra	15	1:50	16:01:41	66:48:10	300	90	3.0	#12 Symbiotic	2	

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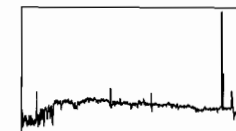
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0066.AGDra	45	1:51	16:01:41	66:48:10	300	90	3.0	#12 Symbiotic	2	
0067.COMP	12	1:52	16:01:41	66:48:10	300	90	3.0	#12 Symbiotic	2	
0068.CHCyg	1	1:54	19:24:33	50:14:30	300	90	3.0	#12 Symbiotic	2	
0069.CHCyg	5	1:54	19:24:33	50:14:30	300	90	3.0	#12 Symbiotic	2	
0070.CHCyg	30	1:54	19:24:33	50:14:30	300	90	3.0	#12 Symbiotic	2	
0071.COMP	12	1:55	19:24:33	50:14:30	300	90	3.0	#12 Symbiotic	2	
0072.CICyg	2	1:57	19:50:12	35:41:02	300	90	3.0	#12 Symbiotic	2	
0073.CICyg	20	1:57	19:50:12	35:41:02	300	90	3.0	#12 Symbiotic	2	
0074.CICyg	60	1:57	19:50:12	35:41:02	300	90	3.0	#12 Symbiotic	2	
0075.COMP	12	1:59	19:50:12	35:41:02	300	90	3.0	#12 Symbiotic	2	
0076.2M193036.8p+614757	300	2:02	19:30:36.8	+61:47:57	300	90	3.0	2MASS Redshift	2	
0077.COMP	12	2:07	19:30:36.8	+61:47:57	300	90	3.0	2MASS Redshift	2	
0078.2M193244.8p+440315	270	2:09	19:32:44.8	+44:03:15	300	100	3.0	2MASS Redshift	2	
0079.COMP	12	2:14	19:32:44.8	+44:03:15	300	100	3.0	2MASS Redshift	2	
0080.2M193246.9p+424958	300	2:15	19:32:46.9	+42:49:58	300	90	3.0	2MASS Redshift	2	
0081.COMP	12	2:20	19:32:46.9	+42:49:58	300	90	3.0	2MASS Redshift	2	
0082.2M193400.5p+441717	240	2:22	19:34:00.5	+44:17:17	300	90	3.0	2MASS Redshift	2	
0083.COMP	12	2:26	19:34:00.5	+44:17:17	300	90	3.0	2MASS Redshift	2	
0084.2M193519.4p+440711	600	2:28	19:35:19.4	+44:07:11	300	60	3.0	2MASS Redshift	2	
0085.COMP	12	2:38	19:35:19.4	+44:07:11	300	60	3.0	2MASS Redshift	2	

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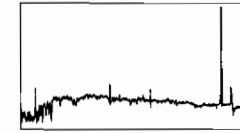
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0086.2M193647.5p+794939	360	2:43	19:36:47.5	+79:49:39	300	90	3.0	2MASS Redshift	2	
0087.COMP	12	2:50	19:36:47.5	+79:49:39	300	90	3.0	2MASS Redshift	2	
0088.2M193723.3p+622301	240	2:52	19:37:23.3	+62:23:01	300	110	3.0	2MASS Redshift	2	
0089.COMP	12	2:57	19:37:23.3	+62:23:01	300	110	3.0	2MASS Redshift	2	
0090.sn2003iw	1200	3:00	21:39:43.0	06:17:03	300	-6	3.0	#2 SN Observat	2	row=81
0091.COMP	12	3:21	21:39:43.0	06:17:03	300	-6	3.0	#2 SN Observat	2	
0092.sn2003hy	1200	3:28	21:54:22.7	+15:09:37	300	1	3.0	#2 SN Observat	2	
0093.COMP	12	3:49	21:54:22.7	+15:09:37	300	1	3.0	#2 SN Observat	2	
0094.BDp284211	40	3:54	21:48:57.1	28:37:48	300	65	3.0	#56 Spectropho	2	
0095.COMP	12	3:55	21:48:57.1	28:37:48	300	65	3.0	#56 Spectropho	2	
0096.BDp174708	15	3:57	22:11:31.3	+18:05:34	300	12	3.0	#56 Spectropho	2	
0097.COMP	12	3:58	22:11:31.3	+18:05:34	300	12	3.0	#56 Spectropho	2	
0098.ZAnd	2	4:03	23:33:40	48:49:06	300	90	3.0	#12 Symbiotic	2	
0099.ZAnd	5	4:03	23:33:40	48:49:06	300	90	3.0	#12 Symbiotic	2	
0100.ZAnd	15	4:04	23:33:40	48:49:06	300	90	3.0	#12 Symbiotic	2	
0101.COMP	12	4:05	23:33:40	48:49:06	300	90	3.0	#12 Symbiotic	2	
0102.2M220304.4p+402050	1200	4:10	22:03:04.4	+40:20:50	300	90	3.0	2MASS Redshift	2	
0103.COMP	12	4:30	22:03:04.4	+40:20:50	300	90	3.0	2MASS Redshift	2	
0104.2M220321.5p+380339	360	4:32	22:03:21.5	+38:03:39	300	90	3.0	2MASS Redshift	2	
0105.COMP	12	4:39	22:03:21.5	+38:03:39	300	90	3.0	2MASS Redshift	2	

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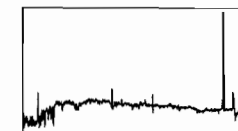
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0106.2M220328.6p+772345	1020	4:42	22:03:28.6	+77:23:45	300	65	3.0	2MASS Redshift	2	
0107.COMP	12	5:00	22:03:28.6	+77:23:45	300	65	3.0	2MASS Redshift	2	
0108.FineFoc	60	5:05	23:58:45.8	31:56:24	300	90	3.0	#56 Spectropho	1	
0109.sn2003it	1200	5:12	00:05:48.4	27:27:09	300	-52	3.0	#2 SN Observat	2	
0110.COMP	12	5:33	00:05:48.4	27:27:09	300	-52	3.0	#2 SN Observat	2	
0111.Feige110	240	5:40	23:17:23.5	-05:26:22	600	90	2.0	#122 Halo Star	4	600L, 2arcsec, tilt=430
0112.COMP	10	5:44	23:17:23.5	-05:26:22	600	90	2.0	#122 Halo Star	4	
0113.hs1625	600	5:46	0:20:27.5	0:19:51	600	90	2.0	#122 Halo Star	4	
0114.COMP	10	5:57	0:20:27.5	0:19:51	600	90	2.0	#122 Halo Star	4	
0115.hs1626	360	5:58	0:21:32.3	-0:31:37	600	90	2.0	#122 Halo Star	4	
0116.COMP	10	6:04	0:21:32.3	-0:31:37	600	90	2.0	#122 Halo Star	4	
0117.hs1627	1080	6:05	0:23:30.0	0:05:28	600	90	2.0	#122 Halo Star	4	
0118.COMP	10	6:24	0:23:30.0	0:05:28	600	90	2.0	#122 Halo Star	4	
0119.hss144	960	6:25	0:23:30.5	-0:00:27	600	90	2.0	#122 Halo Star	4	
0120.COMP	10	6:41	0:23:30.5	-0:00:27	600	90	2.0	#122 Halo Star	4	
0121.hss147	720	6:44	0:24:38.6	-1:11:39	600	90	2.0	#122 Halo Star	4	
0122.COMP	10	6:56	0:24:38.6	-1:11:39	600	90	2.0	#122 Halo Star	4	
0123.hss148	1200	6:59	0:25:59.4	-0:23:28	600	90	2.0	#122 Halo Star	4	
0124.COMP	10	7:19	0:25:59.4	-0:23:28	600	90	2.0	#122 Halo Star	4	
0125.hs1628	300	7:24	0:27:21.0	-0:56:48	600	90	2.0	#122 Halo Star	4	

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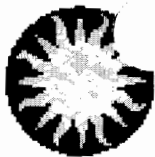
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0126.COMP	10	7:29	0:27:21.0	-0:56:48	600	90	2.0	#122 Halo Star	4	
0127.hss151	1200	7:31	0:27:42.7	-0:46:31	600	90	2.0	#122 Halo Star	4	
0128.COMP	12	7:52	0:27:42.7	-0:46:31	600	90	2.0	#122 Halo Star	4	
0129.hs1629	1200	7:53	0:28:50.6	-0:41:03	600	90	2.0	#122 Halo Star	4	
0130.COMP	10	8:14	0:28:50.6	-0:41:03	600	90	2.0	#122 Halo Star	4	
0131-0140.FLAT	40	8:22	0:28:50.6	-0:41:03	600	90	2.0	#122 Halo Star	4	
0141.EGAnd	1	8:30	0:44:37	40:40:47	300	90	3.0	#12 Symbiotic	2	combo setup...
0142.EGAnd	5	8:30	0:44:37	40:40:47	300	90	3.0	#12 Symbiotic	2	
0143.EGAnd	10	8:30	0:44:37	40:40:47	300	90	3.0	#12 Symbiotic	2	
0144.COMP	12	8:31	0:44:37	40:40:47	300	90	3.0	#12 Symbiotic	2	
0145.AXPer	4	8:33	1:36:23	54:15:03	300	90	3.0	#12 Symbiotic	2	
0146.AXPer	30	8:33	1:36:23	54:15:03	300	90	3.0	#12 Symbiotic	2	
0147.AXPer	90	8:34	1:36:23	54:15:03	300	90	3.0	#12 Symbiotic	2	
0148.COMP	12	8:36	1:36:23	54:15:03	300	90	3.0	#12 Symbiotic	2	
0149.sn2003iu	1200	8:41	01:55:24.5	21:17:06	300	70	3.0	#2 SN Observat	2	
0150.COMP	12	9:01	01:55:24.5	21:17:06	300	70	3.0	#2 SN Observat	2	
0151.sn2003iv	1020	9:05	02:50:07.2	12:50:46	300	26	3.0	#2 SN Observat	2	
0152.sn2003iv	1020	9:22	02:50:07.2	12:50:46	300	26	3.0	#2 SN Observat	2	
0153.COMP	12	9:40	02:50:07.2	12:50:46	300	26	3.0	#2 SN Observat	2	
0154.020036p21480.b	1920	9:46	2:3:18.8	22:2:21	300	90	3.0	#113 Interacti	2	rows = 103 to 74

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0155.COMP	12	10:19	2:3:18.8	22:2:21	300	90	3.0	#113 Interacti	2	
0156.020036p21480.c	1620	10:22	2:3:16.8	22:3:0	300	90	3.0	#113 Interacti	2	2nd exposure for cts...
0157.COMP	12	10:50	2:3:16.8	22:3:0	300	90	3.0	#113 Interacti	2	
0158.020036p21480.c	1620	10:51	2:3:16.8	22:3:0	300	90	3.0	#113 Interacti	2	
0159.COMP	12	11:18	2:3:16.8	22:3:0	300	90	3.0	#113 Interacti	2	
0160.035124p15470.a	1320	11:21	3:54:15.8	15:55:44	300	60	3.0	#113 Interacti	2	
0161.COMP	12	11:44	3:54:15.8	15:55:44	300	60	3.0	#113 Interacti	2	
0162.sn2003ir	1200	11:48	07:11:08.1	+25:54:55	300	110	3.0	#2 SN Observat	2	row=79
0163.sn2003ir	1200	12:08	07:11:08.1	+25:54:55	300	110	3.0	#2 SN Observat	2	
0164.COMP	12	12:29	07:11:08.1	+25:54:55	300	110	3.0	#2 SN Observat	2	
0165.Hiltner600	45	12:32	06:42:37.2	02:11:25	300	7	3.0	#56 Spectropho	2	
0166.Hiltner600	45	12:33	06:42:37.2	02:11:25	300	7	3.0	#56 Spectropho	2	
0167.COMP	12	12:34	06:42:37.2	02:11:25	300	7	3.0	#56 Spectropho	2	
0168-0177.BIAS	0	12:39	06:42:37.2	02:11:25	300	90	3.0	#113 Interacti	4	
0178-0187.FLAT	6	12:42	06:42:37.2	02:11:25	300	90	3.0	#113 Interacti	4	
0188-0197.BIAS	0	12:44	06:42:37.2	02:11:25	300	90	3.0	#113 Interacti	2	
0198-0207.FLAT	12	12:49	06:42:37.2	02:11:25	300	90	3.0	#113 Interacti	2	
0208-0217.DARK	900	15:07	06:42:37.2	02:11:25	300	90	3.0	#113 Interacti	2	

UT Date 2003-10-21 Observers P BerlindColl. Focus 1080 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001-0009.BIAS	0	1:05	19:37:51.9	+31:29:13	300	90	3.0	#113 Interacti	4	
0010.BIAS	0	1:05	19:38:00.0	+31:29:12	300	90	3.0	#113 Interacti	4	
0011.FLAT	8	1:06	19:38:21.4	+31:29:12	300	90	3.0	#113 Interacti	4	cirrus to far west
0012-0019.FLAT	8	1:08	19:41:11.2	+31:29:12	300	90	3.0	#113 Interacti	4	
0020.FLAT	8	1:09	19:41:32.5	+31:29:11	300	90	3.0	#113 Interacti	4	
0021-0030.BIAS	0	1:11	19:43:44.3	+31:29:11	300	90	3.0	#113 Interacti	2	
0031.FLAT	16	1:12	19:44:22.4	+31:29:11	300	90	3.0	#113 Interacti	2	
0032-0037.FLAT	16	1:15	19:47:55.9	+31:29:10	300	90	3.0	#113 Interacti	2	
0038-0040.FLAT	16	1:17	19:49:45.9	+31:29:09	300	90	3.0	#113 Interacti	2	
0041.AGDra	2	1:30	16:01:41	66:48:10	300	90	3.0	#12 Symbiotic	4	
0042.AGDra	1	1:31	16:01:41	66:48:10	300	90	3.0	#12 Symbiotic	4	
0043.AGDra	5	1:31	16:01:41	66:48:10	300	90	3.0	#12 Symbiotic	4	
0044.AGDra	15	1:32	16:01:41	66:48:10	300	90	3.0	#12 Symbiotic	4	
0045.AGDra	15	1:32	16:01:41	66:48:10	300	90	3.0	#12 Symbiotic	4	
0046.COMP	5	1:33	16:01:41	66:48:10	300	90	3.0	#12 Symbiotic	4	
0047.YYHer	10	1:34	18:14:34	20:59:19	300	62	3.0	#12 Symbiotic	4	
0048.YYHer	25	1:35	18:14:34	20:59:19	300	62	3.0	#12 Symbiotic	4	
0049.YYHer	60	1:36	18:14:34	20:59:19	300	62	3.0	#12 Symbiotic	4	
0050.YYHer	180	1:37	18:14:34	20:59:19	300	62	3.0	#12 Symbiotic	4	
0051.COMP	5	1:41	18:14:34	20:59:19	300	62	3.0	#12 Symbiotic	4	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0052.HD192281	5	1:43	20:10:46.8	40:07:01	300	0	3.0	#56 Spectropho	2	
0053.HD192281	5	1:43	20:10:46.8	40:07:01	300	0	3.0	#56 Spectropho	2	
0054.HD192281	5	1:43	20:10:46.8	40:07:01	300	0	3.0	#56 Spectropho	2	
0055.COMP	10	1:44	20:10:46.8	40:07:01	300	0	3.0	#56 Spectropho	2	
0056.MRK509	180	1:46	20:44:09.8	-10:43:24	300	-7	3.0	#6 AGN Monitor	4	
0057.MRK509	180	1:49	20:44:09.8	-10:43:24	300	-7	3.0	#6 AGN Monitor	4	
0058.COMP	5	1:53	20:44:09.8	-10:43:24	300	-7	3.0	#6 AGN Monitor	4	
0059.TYC2600m612m1	90	1:55	17:23:39.8	35:27:57	300	83	3.0	#126 GRB	2	
0060.TYC2600m612m1	90	1:56	17:23:39.8	35:27:57	300	83	3.0	#126 GRB	2	
0061.TYC2600m612m1	90	1:58	17:23:39.8	35:27:57	300	83	3.0	#126 GRB	2	
0062.COMP	10	2:00	17:23:39.8	35:27:57	300	83	3.0	#126 GRB	2	
0063.sn2003is	1200	2:04	19:21:09.0	+43:19:35	300	110	3.0	#2 SN Observat	2	
0064.COMP	10	2:24	19:21:09.0	+43:19:35	300	110	3.0	#2 SN Observat	2	
0065.2M193802.0p+632120	240	2:26	19:38:02.0	+63:21:20	300	90	3.0	#68 2MASS Reds	2	
0066.COMP	10	2:30	19:38:02.0	+63:21:20	300	90	3.0	#68 2MASS Reds	2	
0067.2M194021.3p+482233	150	2:31	19:40:21.3	+48:22:33	300	90	3.0	#68 2MASS Reds	4	
0068.COMP	5	2:34	19:40:21.3	+48:22:33	300	90	3.0	#68 2MASS Reds	4	
0069.2M194132.7p+003814	360	2:36	19:41:32.7	+00:38:14	300	90	3.0	#68 2MASS Reds	4	
0070.COMP	5	2:42	19:41:32.7	+00:38:14	300	90	3.0	#68 2MASS Reds	4	
0071.2M202134.3p+033550	420	2:44	20:21:34.3	+03:35:50	300	90	3.0	#68 2MASS Reds	4	



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Coll. Focus 1080 Grating/Grism 300

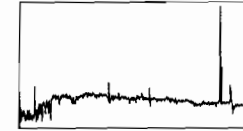
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0072.COMP	5	2:51	20:21:34.3	+03:35:50	300	90	3.0	#68 2MASS Reds	4	
0073.2M202304.3p+093237	300	2:53	20:23:04.3	+09:32:37	300	60	3.0	#68 2MASS Reds	4	
0074.COMP	5	2:58	20:23:04.3	+09:32:37	300	60	3.0	#68 2MASS Reds	4	
0075.2M195737.6p+485344	210	2:59	19:57:37.6	+48:53:44	300	60	3.0	#68 2MASS Reds	4	
0076.COMP	5	3:03	19:57:37.6	+48:53:44	300	60	3.0	#68 2MASS Reds	4	
0077.2M195640.7p+504755	360	3:04	19:56:40.7	+50:47:55	300	60	3.0	#68 2MASS Reds	4	
0078.COMP	5	3:10	19:56:40.7	+50:47:55	300	60	3.0	#68 2MASS Reds	4	
0079.BDp284211	60	3:12	21:48:57.1	28:37:48	300	70	5.0	#56 Spectropho	2	5-sec slit
0080.BDp284211	60	3:13	21:48:57.1	28:37:48	300	70	5.0	#56 Spectropho	2	
0081.BDp284211	60	3:15	21:48:57.1	28:37:48	300	70	5.0	#56 Spectropho	2	
0082.BDp284211	60	3:16	21:48:57.1	28:37:48	300	70	5.0	#56 Spectropho	2	
0083.BDp284211	60	3:17	21:48:57.1	28:37:48	300	70	5.0	#56 Spectropho	2	
0084.BDp284211	60	3:18	21:48:57.1	28:37:48	300	70	5.0	#56 Spectropho	2	
0085.BDp284211	60	3:20	21:48:57.1	28:37:48	300	70	5.0	#56 Spectropho	2	
0086.BDp284211	60	3:21	21:48:57.1	28:37:48	300	70	5.0	#56 Spectropho	2	
0087.BDp284211	60	3:26	21:48:57.1	28:37:48	300	70	5.0	#56 Spectropho	2	
0088.BDp284211	60	3:27	21:48:57.1	28:37:48	300	70	5.0	#56 Spectropho	2	
0089.COMP	10	3:28	21:48:57.1	28:37:48	300	70	5.0	#56 Spectropho	2	photometric, for Warren
0090.HD192281	5	3:30	20:10:46.8	40:07:01	300	103	5.0	#56 Spectropho	2	5-sec slit
0091.HD192281	5	3:30	20:10:46.8	40:07:01	300	103	5.0	#56 Spectropho	2	



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Coll. Focus 1080 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0092.HD192281	5	3:30	20:10:46.8	40:07:01	300	103	5.0	#56 Spectropho	2	
0093.HD192281	5	3:31	20:10:46.8	40:07:01	300	103	5.0	#56 Spectropho	2	
0094.HD192281	5	3:31	20:10:46.8	40:07:01	300	103	5.0	#56 Spectropho	2	
0095.HD192281	5	3:31	20:10:46.8	40:07:01	300	103	5.0	#56 Spectropho	2	
0096.HD192281	5	3:32	20:10:46.8	40:07:01	300	103	5.0	#56 Spectropho	2	
0097.HD192281	5	3:32	20:10:46.8	40:07:01	300	103	5.0	#56 Spectropho	2	
0098.HD192281	5	3:32	20:10:46.8	40:07:01	300	103	5.0	#56 Spectropho	2	
0099.HD192281	5	3:32	20:10:46.8	40:07:01	300	103	5.0	#56 Spectropho	2	
0100.COMP	10	3:33	20:10:46.8	40:07:01	300	103	5.0	#56 Spectropho	2	
0101.FLAT	10	3:35	21:48:57.1	28:37:48	300	90	5.0	#56 Spectropho	2	5-sec slit
0102-0110.FLAT	10	3:38	21:48:57.1	28:37:48	300	90	5.0	#56 Spectropho	2	
0111.BDp284211	60	3:40	21:48:57.1	28:37:48	300	90	3.0	#56 Spectropho	2	3-sec slit, combo
0112.BDp284211	60	3:42	21:48:57.1	28:37:48	300	90	3.0	#56 Spectropho	2	
0113.BDp284211	60	3:43	21:48:57.1	28:37:48	300	90	3.0	#56 Spectropho	2	
0114.COMP	10	3:44	21:48:57.1	28:37:48	300	90	3.0	#56 Spectropho	2	
0115.BDp174708	30	3:46	22:11:31.3	+18:05:34	300	6	3.0	#56 Spectropho	2	
0116.BDp174708	30	3:47	22:11:31.3	+18:05:34	300	6	3.0	#56 Spectropho	2	
0117.BDp174708	30	3:47	22:11:31.3	+18:05:34	300	6	3.0	#56 Spectropho	2	
0118.BDp174708	30	3:48	22:11:31.3	+18:05:34	300	6	3.0	#56 Spectropho	2	
0119.BDp174708	30	3:49	22:11:31.3	+18:05:34	300	6	3.0	#56 Spectropho	2	

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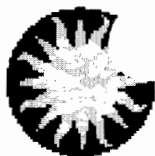
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0120.COMP	10	3:50	22:11:31.3	+18:05:34	300	6	3.0	#56 Spectropho	2	
0121.2M194241.2p+712428	360	3:52	19:42:41.2	+71:24:28	300	90	3.0	#68 2MASS Reds	4	
0122.COMP	5	3:59	19:42:41.2	+71:24:28	300	90	3.0	#68 2MASS Reds	4	
0123.2M195608.0p+583645	240	4:00	19:56:08.0	+58:36:45	300	90	3.0	#68 2MASS Reds	4	
0124.COMP	5	4:04	19:56:08.0	+58:36:45	300	90	3.0	#68 2MASS Reds	4	
0125.2M195211.1p+504635	240	4:05	19:52:11.1	+50:46:35	300	70	3.0	#68 2MASS Reds	4	
0126.COMP	5	4:09	19:52:11.1	+50:46:35	300	70	3.0	#68 2MASS Reds	4	
0127.2M195248.7p+504928	270	4:10	19:52:48.7	+50:49:28	300	90	3.0	#68 2MASS Reds	4	
0128.COMP	5	4:15	19:52:48.7	+50:49:28	300	90	3.0	#68 2MASS Reds	4	attempt for +87 gal, not
0129.2M201336.7p+642501	420	4:28	20:13:36.7	+64:25:01	300	90	3.0	#68 2MASS Reds	4	
0130.COMP	5	4:36	20:13:36.7	+64:25:01	300	90	3.0	#68 2MASS Reds	4	
0131.2M201450.6p+633535	360	4:36	20:14:50.6	+63:35:35	300	90	3.0	#68 2MASS Reds	4	
0132.COMP	5	4:43	20:14:50.6	+63:35:35	300	90	3.0	#68 2MASS Reds	4	
0133.2M201647.5p+562825	360	4:43	20:16:47.5	+56:28:25	300	90	3.0	#68 2MASS Reds	4	
0134.COMP	5	4:50	20:16:47.5	+56:28:25	300	90	3.0	#68 2MASS Reds	4	
0135.2M201720.1p+592741	360	4:51	20:17:20.1	+59:27:41	300	90	3.0	#68 2MASS Reds	4	
0136.COMP	5	4:57	20:17:20.1	+59:27:41	300	90	3.0	#68 2MASS Reds	4	
0137.2M201918.1p+582203	360	4:58	20:19:18.1	+58:22:03	300	90	3.0	#68 2MASS Reds	4	
0138.COMP	5	5:04	20:19:18.1	+58:22:03	300	90	3.0	#68 2MASS Reds	4	
0139.Akn564	180	5:05	22:42:39.4	+29:43:31	300	78	3.0	#6 AGN Monitor	4	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0140.Akn564	180	5:08	22:42:39.4	+29:43:31	300	78	3.0	#6 AGN Monitor	4	
0141.COMP	5	5:11	22:42:39.4	+29:43:31	300	78	3.0	#6 AGN Monitor	4	
0142.N7469	120	5:13	23:03:15.7	+08:52:27	300	22	3.0	#6 AGN Monitor	4	
0143.N7469	120	5:15	23:03:15.7	+08:52:27	300	22	3.0	#6 AGN Monitor	4	
0144.COMP	5	5:17	23:03:15.7	+08:52:27	300	22	3.0	#6 AGN Monitor	4	
0145.2M214608.9p+042408	300	5:19	21:46:08.9	+04:24:08	300	90	3.0	#68 2MASS Reds	4	
0146.COMP	5	5:24	21:46:08.9	+04:24:08	300	90	3.0	#68 2MASS Reds	4	
0147.2M221003.9p+034121	180	5:25	22:10:03.9	+03:41:21	300	90	3.0	#68 2MASS Reds	4	
0148.COMP	5	5:28	22:10:03.9	+03:41:21	300	90	3.0	#68 2MASS Reds	4	
0149.2M222409.0p+024339	360	5:29	22:24:09.0	+02:43:39	300	90	3.0	#68 2MASS Reds	4	
0150.COMP	5	5:36	22:24:09.0	+02:43:39	300	90	3.0	#68 2MASS Reds	4	
0151.2M222603.4p+011216	300	5:36	22:26:03.4	+01:12:16	300	90	3.0	#68 2MASS Reds	4	
0152.COMP	5	5:41	22:26:03.4	+01:12:16	300	90	3.0	#68 2MASS Reds	4	
0153.2M222614.7p+004004	120	5:42	22:26:14.7	+00:40:04	300	90	3.0	#68 2MASS Reds	4	
0154.COMP	5	5:44	22:26:14.7	+00:40:04	300	90	3.0	#68 2MASS Reds	4	
0155.2M223415.6p+033514	240	5:45	22:34:15.6	+03:35:14	300	90	3.0	#68 2MASS Reds	4	
0156.COMP	5	5:51	22:34:15.6	+03:35:14	300	90	3.0	#68 2MASS Reds	4	
0157.2M224615.3p+102947	240	5:52	22:46:15.3	+10:29:47	300	90	3.0	#68 2MASS Reds	4	
0158.COMP	5	5:56	22:46:15.3	+10:29:47	300	90	3.0	#68 2MASS Reds	4	
0159.2M224705.1p+013149	300	5:57	22:47:05.1	+01:31:49	300	90	3.0	#68 2MASS Reds	4	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0160.COMP	5	6:02	22:47:05.1	+01:31:49	300	90	3.0	#68 2MASS Reds	4	
0161.2M230401.2p+031519	240	6:03	23:04:01.2	+03:15:19	300	90	3.0	#68 2MASS Reds	4	
0162.COMP	5	6:07	23:04:01.2	+03:15:19	300	90	3.0	#68 2MASS Reds	4	
0163.2M230537.7p+041403	210	6:08	23:05:37.7	+04:14:03	300	90	3.0	#68 2MASS Reds	4	
0164.COMP	5	6:11	23:05:37.7	+04:14:03	300	90	3.0	#68 2MASS Reds	4	
0165.2M231045.8p+101513	180	6:12	23:10:45.8	+10:15:13	300	90	3.0	#68 2MASS Reds	4	
0166.COMP	5	6:15	23:10:45.8	+10:15:13	300	90	3.0	#68 2MASS Reds	4	
0167.2M231818.5p+114346	240	6:16	23:18:18.5	+11:43:46	300	90	3.0	#68 2MASS Reds	4	
0168.COMP	5	6:20	23:18:18.5	+11:43:46	300	90	3.0	#68 2MASS Reds	4	
0169.2M232022.6p+073215	210	6:21	23:20:22.6	+07:32:15	300	90	3.0	#68 2MASS Reds	4	
0170.COMP	5	6:25	23:20:22.6	+07:32:15	300	90	3.0	#68 2MASS Reds	4	
0171.2M232223.1p+032930	210	6:25	23:22:23.1	+03:29:30	300	90	3.0	#68 2MASS Reds	4	hi Susan!
0172.COMP	5	6:29	23:22:23.1	+03:29:30	300	90	3.0	#68 2MASS Reds	4	
0173.2M232331.6p+030311	270	6:29	23:23:31.6	+03:03:11	300	90	3.0	#68 2MASS Reds	4	
0174.COMP	5	6:34	23:23:31.6	+03:03:11	300	90	3.0	#68 2MASS Reds	4	
0175.2M232226.8p+103233	210	6:35	23:22:26.8	+10:32:33	300	90	3.0	#68 2MASS Reds	4	
0176.COMP	5	6:39	23:22:26.8	+10:32:33	300	90	3.0	#68 2MASS Reds	4	
0177.2M232934.9p+100249	180	6:39	23:29:34.9	+10:02:49	300	90	3.0	#68 2MASS Reds	4	
0178.COMP	5	6:43	23:29:34.9	+10:02:49	300	90	3.0	#68 2MASS Reds	4	
0179.2M234201.2p+104255	210	6:43	23:42:01.2	+10:42:55	300	90	3.0	#68 2MASS Reds	4	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0180.COMP	5	6:47	23:42:01.2	+10:42:55	300	90	3.0	#68 2MASS Reds	4	
0181.2M235202.7p+083156	180	6:48	23:52:02.7	+08:31:56	300	90	3.0	#68 2MASS Reds	4	
0182.COMP	5	6:51	23:52:02.7	+08:31:56	300	90	3.0	#68 2MASS Reds	4	
0183.2M235217.0p+092800	360	6:51	23:52:17.0	+09:28:00	300	90	3.0	#68 2MASS Reds	4	
0184.COMP	5	6:58	23:52:17.0	+09:28:00	300	90	3.0	#68 2MASS Reds	4	
0185.MRK335	150	6:59	00:06:19.6	+20:12:11	300	56	3.0	#6 AGN Monitor	4	
0186.MRK335	150	7:01	00:06:19.6	+20:12:11	300	56	3.0	#6 AGN Monitor	4	
0187.COMP	5	7:04	00:06:19.6	+20:12:11	300	56	3.0	#6 AGN Monitor	4	
0188.sn2003it	1200	7:06	00:05:48.4	27:27:09	300	75	3.0	#2 SN Observat	2	
0189.COMP	10	7:26	00:05:48.4	27:27:09	300	75	3.0	#2 SN Observat	2	
0190.sn2003iu	1200	7:28	01:55:24.5	21:17:06	300	10	3.0	#2 SN Observat	2	
0191.COMP	10	7:48	01:55:24.5	21:17:06	300	10	3.0	#2 SN Observat	2	
0192.cairnsk4_046	270	7:50	2:39:34.9	40:46:37	300	90	3.0	#64 Cluster In	4	
0193.COMP	5	7:55	2:39:34.9	40:46:37	300	90	3.0	#64 Cluster In	4	
0194.cairnsk4_063	420	7:56	2:45:26.9	45:58:6	300	90	3.0	#64 Cluster In	4	
0195.COMP	5	8:03	2:45:26.9	45:58:6	300	90	3.0	#64 Cluster In	4	
0196.cairnsk4_047	300	8:05	3:3:49.2	46:25:4	300	90	3.0	#64 Cluster In	4	
0197.COMP	5	8:11	3:3:49.2	46:25:4	300	90	3.0	#64 Cluster In	4	
0198.cairnsk4_051	300	8:11	3:4:44.2	43:32:53	300	90	3.0	#64 Cluster In	4	
0199.COMP	5	8:17	3:4:44.2	43:32:53	300	90	3.0	#64 Cluster In	4	

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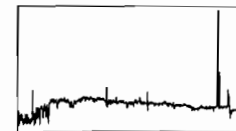
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0200.cairnsk4_052	300	8:17	3:9:21.5	42:49:51	300	90	3.0	#64 Cluster In	4	
0201.COMP	5	8:22	3:9:21.5	42:49:51	300	90	3.0	#64 Cluster In	4	
0202.cairnsk4_053	240	8:23	3:10:13.2	42:50:16	300	90	3.0	#64 Cluster In	4	
0203.COMP	5	8:27	3:10:13.2	42:50:16	300	90	3.0	#64 Cluster In	4	
0204.cairnsk4_054	270	8:28	3:13:14.6	40:57:44	300	90	3.0	#64 Cluster In	4	
0205.COMP	5	8:33	3:13:14.6	40:57:44	300	90	3.0	#64 Cluster In	4	
0206.cairnsk4_059	270	8:34	3:14:27.8	33:46:16	300	90	3.0	#64 Cluster In	4	
0207.COMP	5	8:38	3:14:27.8	33:46:16	300	90	3.0	#64 Cluster In	4	
0208.cairnsk4_064	420	8:39	3:17:20.1	38:8:30	300	90	3.0	#64 Cluster In	4	
0209.COMP	5	8:46	3:17:20.1	38:8:30	300	90	3.0	#64 Cluster In	4	
0210.sn2003iv	1200	8:48	02:50:07.2	12:50:46	300	25	3.0	#2 SN Observat	2	
0211.COMP	10	9:09	02:50:07.2	12:50:46	300	25	3.0	#2 SN Observat	2	
0212.cairnsk4_043	210	9:10	3:9:49.1	42:51:17	300	25	3.0	#64 Cluster In	4	
0213.COMP	5	9:14	3:9:49.1	42:51:17	300	25	3.0	#64 Cluster In	4	
0214.cairnsk4_044	240	9:15	3:12:26.2	41:51:31	300	25	3.0	#64 Cluster In	4	
0215.COMP	5	9:19	3:12:26.2	41:51:31	300	25	3.0	#64 Cluster In	4	
0216.cairnsk4_045	270	9:20	3:19:54.4	42:0:52	300	25	3.0	#64 Cluster In	4	
0217.COMP	5	9:24	3:19:54.4	42:0:52	300	25	3.0	#64 Cluster In	4	
0218.cairnsk4_041	300	9:25	3:42:47.9	38:15:1	300	25	3.0	#64 Cluster In	4	
0219.COMP	5	9:31	3:42:47.9	38:15:1	300	25	3.0	#64 Cluster In	4	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0220.vso-04491	300	9:32	05:00:07.1	-06:08:14	300	-10	3.0	Orion PMS	4	
0221.COMP	5	9:38	05:00:07.1	-06:08:14	300	-10	3.0	Orion PMS	4	
0222.vso-05288	240	9:39	05:02:09.6	-05:53:07	300	-10	3.0	Orion PMS	4	
0223.COMP	5	9:43	05:02:09.6	-05:53:07	300	-10	3.0	Orion PMS	4	
0224.vso-05483	210	9:43	05:02:44.7	-05:51:46	300	-10	3.0	Orion PMS	4	
0225.COMP	5	9:47	05:02:44.7	-05:51:46	300	-10	3.0	Orion PMS	4	
0226.vso-07343	180	9:48	05:08:01.2	-05:55:10	300	-10	3.0	Orion PMS	4	
0227.COMP	5	9:51	05:08:01.2	-05:55:10	300	-10	3.0	Orion PMS	4	
0228.vso-07348	240	9:51	05:08:01.9	-05:55:50	300	-10	3.0	Orion PMS	4	
0229.COMP	5	9:56	05:08:01.9	-05:55:50	300	-10	3.0	Orion PMS	4	
0230.vso-08266	300	9:57	05:01:52.5	-04:01:40	300	-10	3.0	Orion PMS	4	
0231.COMP	5	10:02	05:01:52.5	-04:01:40	300	-10	3.0	Orion PMS	4	
0232.vso-10061	360	10:02	05:14:44.5	-06:08:47	300	-10	3.0	Orion PMS	4	
0233.COMP	5	10:09	05:14:44.5	-06:08:47	300	-10	3.0	Orion PMS	4	
0234.vso-10180	210	10:09	05:15:03.9	-06:10:12	300	-10	3.0	Orion PMS	4	
0235.COMP	5	10:13	05:15:03.9	-06:10:12	300	-10	3.0	Orion PMS	4	
0236.vso-11686	240	10:14	05:08:36.3	-04:23:13	300	-10	3.0	Orion PMS	4	
0237.COMP	5	10:18	05:08:36.3	-04:23:13	300	-10	3.0	Orion PMS	4	
0238.vso-11977	210	10:19	05:19:55.4	-05:58:36	300	-10	3.0	Orion PMS	4	
0239.COMP	5	10:22	05:19:55.4	-05:58:36	300	-10	3.0	Orion PMS	4	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0240.qvso1b-56395	420	10:24	05:33:10.6	-01:31:36	300	10	3.0	Orion PMS	4	
0241.COMP	5	10:31	05:33:10.6	-01:31:36	300	10	3.0	Orion PMS	4	
0242.vso-104971	360	10:32	05:46:50.7	+01:01:37	300	-20	3.0	Orion PMS	4	
0243.COMP	5	10:38	05:46:50.7	+01:01:37	300	-20	3.0	Orion PMS	4	
0244.vso-107142	360	10:39	05:48:08.5	+01:09:13	300	-20	3.0	Orion PMS	4	
0245.COMP	5	10:45	05:48:08.5	+01:09:13	300	-20	3.0	Orion PMS	4	
0246.Akn120	240	10:46	05:13:38.0	-00:12:15	300	5	3.0	#6 AGN Monitor	4	
0247.COMP	5	10:51	05:13:38.0	-00:12:15	300	5	3.0	#6 AGN Monitor	4	
0248.vso-108832	300	10:52	05:49:01.6	+01:23:04	300	0	3.0	Orion PMS	4	
0249.COMP	5	10:57	05:49:01.6	+01:23:04	300	0	3.0	Orion PMS	4	
0250.vso-112389	480	10:58	05:51:19.7	+01:17:09	300	0	3.0	Orion PMS	4	
0251.COMP	5	11:06	05:51:19.7	+01:17:09	300	0	3.0	Orion PMS	4	
0252.vso-112801	360	11:07	05:51:35.6	+00:56:37	300	0	3.0	Orion PMS	4	
0253.COMP	5	11:13	05:51:35.6	+00:56:37	300	0	3.0	Orion PMS	4	
0254.vso-112908	360	11:14	05:51:40.3	+01:24:53	300	0	3.0	Orion PMS	4	
0255.COMP	5	11:20	05:51:40.3	+01:24:53	300	0	3.0	Orion PMS	4	
0256.vso-113244	360	11:21	05:51:52.6	+01:27:55	300	0	3.0	Orion PMS	4	
0257.COMP	5	11:27	05:51:52.6	+01:27:55	300	0	3.0	Orion PMS	4	
0258.vso-113709	360	11:28	05:52:09.5	+01:05:14	300	0	3.0	Orion PMS	4	
0259.COMP	5	11:34	05:52:09.5	+01:05:14	300	0	3.0	Orion PMS	4	



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Coll. Focus 1080 Grating/Grism 300

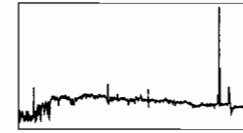
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0260.vso-114657	330	11:34	05:52:42.2	+01:11:40	300	0	3.0	Orion PMS	4	
0261.COMP	5	11:40	05:52:42.2	+01:11:40	300	0	3.0	Orion PMS	4	
0262.vso-114772	360	11:41	05:52:46.1	+01:02:15	300	15	3.0	Orion PMS	4	
0263.COMP	5	11:48	05:52:46.1	+01:02:15	300	15	3.0	Orion PMS	4	
0264.vso-115695	480	11:49	05:53:18.4	+01:00:08	300	15	3.0	Orion PMS	4	
0265.COMP	5	11:57	05:53:18.4	+01:00:08	300	15	3.0	Orion PMS	4	
0266.vso-117144	420	11:58	05:54:14.9	+01:14:53	300	15	3.0	Orion PMS	4	
0267.COMP	5	12:05	05:54:14.9	+01:14:53	300	15	3.0	Orion PMS	4	
0268.vso-118002	420	12:06	05:54:44.8	+01:21:44	300	15	3.0	Orion PMS	4	
0269.COMP	5	12:14	05:54:44.8	+01:21:44	300	15	3.0	Orion PMS	4	
0270.Hiltner600	60	12:16	06:42:37.2	02:11:25	300	3	3.0	#56 Spectropho	4	
0271.Hiltner600	60	12:17	06:42:37.2	02:11:25	300	3	3.0	#56 Spectropho	4	
0272.Hiltner600	60	12:18	06:42:37.2	02:11:25	300	3	3.0	#56 Spectropho	4	
0273.COMP	5	12:20	06:42:37.2	02:11:25	300	3	3.0	#56 Spectropho	4	
0274.FineFoc	60	12:23	07:02:00.9	31:56:18	300	90	3.0	#68 2MASS Reds	1	
0275.HD52071	4	12:27	06:57:51	+27:13:42	300	90	3.0	#57 Velocity S	4	
0276.HD52071	2	12:28	06:57:51	+27:13:42	300	90	3.0	#57 Velocity S	4	
0277.HD52071	2	12:28	06:57:51	+27:13:42	300	90	3.0	#57 Velocity S	4	
0278.COMP	5	12:29	06:57:51	+27:13:42	300	90	3.0	#57 Velocity S	4	
0279-0288.BIAS	0	12:32	06:57:51	+27:13:42	300	90	3.0	#68 2MASS Reds	4	

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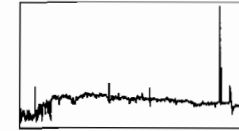
<i>File</i>	<i>Exp Time</i>	<i>UT Start</i>	<i>RA</i>	<i>Dec</i>	<i>Gr.</i>	<i>P.A.</i>	<i>Slit</i>	<i>Program</i>	<i>Bin</i>	<i>Comments</i>
0289-0298.FLAT	8	12:35	06:57:51	+27:13:42	300	90	3.0	#68 2MASS Reds	4	
0299-0308.BIAS	0	12:38	06:57:51	+27:13:42	300	90	3.0	#68 2MASS Reds	2	
0309-0318.FLAT	16	12:43	06:57:51	+27:13:42	300	90	3.0	#68 2MASS Reds	2	
0319-0328.DARK	900	15:03	06:57:51	+27:13:42	300	90	3.0	#68 2MASS Reds	4	
0329-0338.DARK	900	17:36	06:57:51	+27:13:42	300	90	3.0	#68 2MASS Reds	2	

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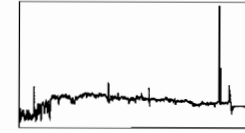
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001.DARK	1200	23:06	18:02:14.4	+31:29:43	300	90	3.0	#68 2MASS Reds	2	
0002.DARK	1200	23:26	18:22:27.2	+31:29:36	300	90	3.0	#68 2MASS Reds	2	
0003.DARK	1200	23:46	18:42:44.5	+31:29:30	300	90	3.0	#68 2MASS Reds	2	
0004-0005.BIAS	0	0:37	19:13:08.3	+31:29:20	300	90	3.0	#68 2MASS Reds	2	
0006-0015.BIAS	0	0:38	19:14:41.7	+31:29:20	300	90	3.0	#68 2MASS Reds	4	
0016-0017.FLAT	8	0:39	19:15:24.2	+31:29:20	300	90	3.0	#68 2MASS Reds	4	
0018-0025.FLAT	8	0:42	19:18:14.2	+31:29:19	300	90	3.0	#68 2MASS Reds	4	
0026-0027.BIAS	0	0:42	19:18:40.6	+31:29:19	300	90	3.0	#68 2MASS Reds	2	
0028-0035.BIAS	0	0:44	19:20:26.1	+31:29:18	300	90	3.0	#68 2MASS Reds	2	
0036-0037.FLAT	16	0:45	19:21:38.6	+31:29:18	300	90	3.0	#68 2MASS Reds	2	
0038-0042.FLAT	16	0:48	19:24:37.7	+31:29:17	300	90	3.0	#68 2MASS Reds	2	
0043-0045.FLAT	16	0:50	19:26:27.7	+31:29:16	300	90	3.0	#68 2MASS Reds	2	
0046-0050.sky	3	1:01	19:33:00	32:00:00	300	90	3.0	#57 Velocity S	4	
0051.COMP	5	1:02	19:33:00	32:00:00	300	90	3.0	#57 Velocity S	4	
0052.AGDra	3	1:38	16:01:41	66:48:10	300	102	3.0	#12 Symbiotic	4	
0053.AGDra	2	1:38	16:01:41	66:48:10	300	102	3.0	#12 Symbiotic	4	
0054.AGDra	5	1:39	16:01:41	66:48:10	300	102	3.0	#12 Symbiotic	4	
0055.AGDra	15	1:39	16:01:41	66:48:10	300	102	3.0	#12 Symbiotic	4	
0056.COMP	5	1:40	16:01:41	66:48:10	300	102	3.0	#12 Symbiotic	4	
0057.HD192281	5	1:43	20:10:46.8	40:07:01	300	0	3.0	#56 Spectropho	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0058.HD192281	5	1:43	20:10:46.8	40:07:01	300	0	3.0	#56 Spectropho	2	
0059.HD192281	5	1:44	20:10:46.8	40:07:01	300	0	3.0	#56 Spectropho	2	
0060.COMP	10	1:44	20:10:46.8	40:07:01	300	0	3.0	#56 Spectropho	2	
0061.N7331	180	1:46	22:34:46.9	+34:09:43	300	90	3.0	#57 Velocity S	4	
0062.COMP	5	1:51	22:34:46.9	+34:09:43	300	90	3.0	#57 Velocity S	4	
0063.2M203325.8p+060314	270	1:52	20:33:25.8	+06:03:14	300	90	3.0	#68 2MASS Reds	4	
0064.COMP	5	1:56	20:33:25.8	+06:03:14	300	90	3.0	#68 2MASS Reds	4	
0065.2M203143.5p+063102	330	1:57	20:31:43.5	+06:31:02	300	90	3.0	#68 2MASS Reds	4	
0066.COMP	5	2:03	20:31:43.5	+06:31:02	300	90	3.0	#68 2MASS Reds	4	
0067.2M203545.9p+100732	180	2:04	20:35:45.9	+10:07:32	300	90	3.0	#68 2MASS Reds	4	
0068.COMP	5	2:07	20:35:45.9	+10:07:32	300	90	3.0	#68 2MASS Reds	4	
0069.2M203814.5p+051733	240	2:07	20:38:14.5	+05:17:33	300	90	3.0	#68 2MASS Reds	4	
0070.COMP	5	2:12	20:38:14.5	+05:17:33	300	90	3.0	#68 2MASS Reds	4	
0071.2M205221.0p+032803	300	2:12	20:52:21.0	+03:28:03	300	90	3.0	#68 2MASS Reds	4	
0072.COMP	5	2:18	20:52:21.0	+03:28:03	300	90	3.0	#68 2MASS Reds	4	
0073.2M210133.5p+013732	240	2:18	21:01:33.5	+01:37:32	300	90	3.0	#68 2MASS Reds	4	
0074.COMP	5	2:23	21:01:33.5	+01:37:32	300	90	3.0	#68 2MASS Reds	4	
0075.2M203754.1p+182548	240	2:23	20:37:54.1	+18:25:48	300	90	3.0	#68 2MASS Reds	4	
0076.COMP	5	2:28	20:37:54.1	+18:25:48	300	90	3.0	#68 2MASS Reds	4	
0077.2M204707.8p+222531	300	2:28	20:47:07.8	+22:25:31	300	90	3.0	#68 2MASS Reds	4	

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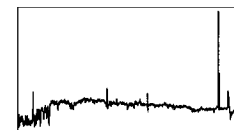
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0078.COMP	5	2:34	20:47:07.8	+22:25:31	300	90	3.0	#68 2MASS Reds	4	
0079.2M204841.9p+232408	240	2:34	20:48:41.9	+23:24:08	300	90	3.0	#68 2MASS Reds	4	
0080.COMP	5	2:39	20:48:41.9	+23:24:08	300	90	3.0	#68 2MASS Reds	4	
0081.2M204806.6p+251127	270	2:39	20:48:06.6	+25:11:27	300	90	3.0	#68 2MASS Reds	4	
0082.COMP	5	2:44	20:48:06.6	+25:11:27	300	90	3.0	#68 2MASS Reds	4	
0083.2M202407.6p+665441	600	2:46	20:24:07.6	+66:54:41	300	90	3.0	#68 2MASS Reds	4	
0084.COMP	5	2:56	20:24:07.6	+66:54:41	300	90	3.0	#68 2MASS Reds	4	
0085.2M202647.4p+583011	480	2:57	20:26:47.4	+58:30:11	300	90	3.0	#68 2MASS Reds	4	
0086.COMP	5	3:05	20:26:47.4	+58:30:11	300	90	3.0	#68 2MASS Reds	4	
0087.2M202648.1p+563108	480	3:05	20:26:48.1	+56:31:08	300	90	3.0	#68 2MASS Reds	4	
0088.COMP	5	3:14	20:26:48.1	+56:31:08	300	90	3.0	#68 2MASS Reds	4	
0089.BDp284211	60	3:21	21:48:57.1	28:37:48	300	90	3.0	#56 Spectropho	2	
0090.BDp284211	60	3:22	21:48:57.1	28:37:48	300	90	3.0	#56 Spectropho	2	
0091.BDp284211	60	3:24	21:48:57.1	28:37:48	300	90	3.0	#56 Spectropho	2	
0092.COMP	10	3:25	21:48:57.1	28:37:48	300	90	3.0	#56 Spectropho	2	
0093.sn2003hy	1200	3:27	21:54:22.7	+15:09:37	300	11	3.0	#2 SN Observat	2	
0094.COMP	10	3:47	21:54:22.7	+15:09:37	300	11	3.0	#2 SN Observat	2	
0095.BDp174708	30	3:48	22:11:31.3	+18:05:34	300	11	3.0	#56 Spectropho	2	
0096.BDp174708	30	3:49	22:11:31.3	+18:05:34	300	11	3.0	#56 Spectropho	2	
0097.BDp174708	30	3:50	22:11:31.3	+18:05:34	300	11	3.0	#56 Spectropho	2	

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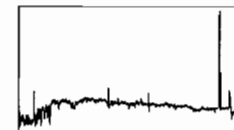
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0098.COMP	10	3:51	22:11:31.3	+18:05:34	300	11	3.0	#56 Spectropho	2	
0099.2M203005.9p+743739	720	3:53	20:30:05.9	+74:37:39	300	90	3.0	#68 2MASS Reds	4	
0100.COMP	5	4:05	20:30:05.9	+74:37:39	300	90	3.0	#68 2MASS Reds	4	
0101.2M203427.1p+652423	540	4:06	20:34:27.1	+65:24:23	300	90	3.0	#68 2MASS Reds	4	
0102.COMP	5	4:15	20:34:27.1	+65:24:23	300	90	3.0	#68 2MASS Reds	4	
0103.2M203715.9p+595016	240	4:17	20:37:15.9	+59:50:16	300	0	3.0	#68 2MASS Reds	4	
0104.COMP	5	4:21	20:37:15.9	+59:50:16	300	0	3.0	#68 2MASS Reds	4	
0105.2M205538.6p+611427	1200	4:22	20:55:38.6	+61:14:27	300	0	3.0	#68 2MASS Reds	4	
0106.COMP	5	4:42	20:55:38.6	+61:14:27	300	0	3.0	#68 2MASS Reds	4	
0107.ZAnd	1	4:47	23:33:40	48:49:06	300	0	3.0	#12 Symbiotic	4	
0108.ZAnd	5	4:47	23:33:40	48:49:06	300	0	3.0	#12 Symbiotic	4	
0109.ZAnd	15	4:48	23:33:40	48:49:06	300	0	3.0	#12 Symbiotic	4	
0110.ZAnd	30	4:48	23:33:40	48:49:06	300	0	3.0	#12 Symbiotic	4	
0111.COMP	5	4:49	23:33:40	48:49:06	300	0	3.0	#12 Symbiotic	4	
0112.2M232548.3p+204640	180	4:51	23:25:48.3	+20:46:40	300	90	3.0	#68 2MASS Reds	4	
0113.COMP	5	4:55	23:25:48.3	+20:46:40	300	90	3.0	#68 2MASS Reds	4	
0114.2M232805.1p+345138	540	4:56	23:28:05.1	+34:51:38	300	90	3.0	#68 2MASS Reds	4	
0115.COMP	5	5:05	23:28:05.1	+34:51:38	300	90	3.0	#68 2MASS Reds	4	
0116.2M233734.7p+440828	180	5:06	23:37:34.7	+44:08:28	300	90	3.0	#68 2MASS Reds	4	
0117.COMP	5	5:09	23:37:34.7	+44:08:28	300	90	3.0	#68 2MASS Reds	4	

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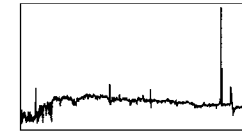
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0118.2M233353.6p+805638	600	5:12	23:33:53.6	+80:56:38	300	67	3.0	#68 2MASS Reds	4	
0119.COMP	5	5:22	23:33:53.6	+80:56:38	300	67	3.0	#68 2MASS Reds	4	
0120.2M225350.0p+810345	360	5:24	22:53:50.0	+81:03:45	300	90	3.0	#68 2MASS Reds	4	
0121.COMP	5	5:30	22:53:50.0	+81:03:45	300	90	3.0	#68 2MASS Reds	4	
0122.2M212012.4p+844100	360	5:32	21:20:12.4	+84:41:00	300	90	3.0	#68 2MASS Reds	4	
0123.COMP	5	5:38	21:20:12.4	+84:41:00	300	90	3.0	#68 2MASS Reds	4	
0124.2M203456.1p+874856	900	5:41	20:34:56.1	+87:48:56	300	90	3.0	#68 2MASS Reds	4	
0125.COMP	5	5:56	20:34:56.1	+87:48:56	300	90	3.0	#68 2MASS Reds	4	
0126.sn2003it	1200	5:59	00:05:48.4	27:27:09	300	59	3.0	#2 SN Observat	2	
0127.COMP	10	6:20	00:05:48.4	27:27:09	300	59	3.0	#2 SN Observat	2	
0128.cairnsk4_067	300	6:21	2:42:5.9	44:31:57	300	90	3.0	#64 Cluster In	4	
0129.COMP	5	6:26	2:42:5.9	44:31:57	300	90	3.0	#64 Cluster In	4	
0130.cairnsk4_068	420	6:27	2:58:47.3	35:43:57	300	90	3.0	#64 Cluster In	4	
0131.COMP	5	6:34	2:58:47.3	35:43:57	300	90	3.0	#64 Cluster In	4	
0132.cairnsk4_074	240	6:35	2:43:9.2	37:48:42	300	90	3.0	#64 Cluster In	4	
0133.COMP	5	6:39	2:43:9.2	37:48:42	300	90	3.0	#64 Cluster In	4	
0134.cairnsk4_078	300	6:40	2:48:34.5	46:41:23	300	90	3.0	#64 Cluster In	4	
0135.COMP	5	6:45	2:48:34.5	46:41:23	300	90	3.0	#64 Cluster In	4	
0136.cairnsk4_048	1200	6:46	3:19:26.2	47:48:25	300	90	3.0	#64 Cluster In	4	
0137.COMP	5	7:07	3:19:26.2	47:48:25	300	90	3.0	#64 Cluster In	4	

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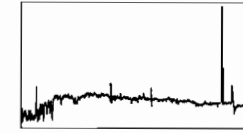
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0138.cairnsk4_056	900	7:11	3:38:22.3	42:22:25	300	90	3.0	#64 Cluster In	4	
0139.COMP	5	7:26	3:38:22.3	42:22:25	300	90	3.0	#64 Cluster In	4	
0140.cairnsk4_055	480	7:27	3:36:7.8	36:40:24	300	90	3.0	#64 Cluster In	4	
0141.COMP	5	7:35	3:36:7.8	36:40:24	300	90	3.0	#64 Cluster In	4	
0142.cairnsk4_060	480	7:36	3:30:21.9	41:18:15	300	90	3.0	#64 Cluster In	4	
0143.COMP	5	7:44	3:30:21.9	41:18:15	300	90	3.0	#64 Cluster In	4	
0144.cairnsk4_061	240	7:45	3:33:22.6	40:21:24	300	90	3.0	#64 Cluster In	4	
0145.COMP	5	7:49	3:33:22.6	40:21:24	300	90	3.0	#64 Cluster In	4	
0146.cairnsk4_065	360	7:49	3:34:40.2	38:7:36	300	90	3.0	#64 Cluster In	4	
0147.COMP	5	7:56	3:34:40.2	38:7:36	300	90	3.0	#64 Cluster In	4	
0148.cairnsk4_049	720	7:56	3:41:15.8	42:17:7	300	90	3.0	#64 Cluster In	4	
0149.COMP	5	8:09	3:41:15.8	42:17:7	300	90	3.0	#64 Cluster In	4	
0150.cairnsk4_050	900	8:10	3:57:14.7	45:8:24	300	100	3.0	#64 Cluster In	4	
0151.COMP	5	8:25	3:57:14.7	45:8:24	300	100	3.0	#64 Cluster In	4	
0152.sn2003iu	1200	8:27	01:55:24.5	21:17:06	300	60	3.0	#2 SN Observat	2	
0153.COMP	10	8:47	01:55:24.5	21:17:06	300	60	3.0	#2 SN Observat	2	
0154.sn2003iv	1200	8:49	02:50:07.2	12:50:46	300	30	3.0	#2 SN Observat	2	
0155.COMP	10	9:09	02:50:07.2	12:50:46	300	30	3.0	#2 SN Observat	2	
0156.cairnsk4_042	1200	9:11	3:51:45	46:43:13	300	90	3.0	#64 Cluster In	4	
0157.COMP	5	9:32	3:51:45	46:43:13	300	90	3.0	#64 Cluster In	4	

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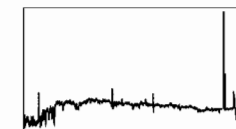
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0158.vso-12092	360	9:35	05:09:20.5	-03:59:40	300	-10	3.0	#112 Orion PMS	4	
0159.COMP	5	9:42	05:09:20.5	-03:59:40	300	-10	3.0	#112 Orion PMS	4	
0160.vso-14431	360	9:42	05:13:34.5	-04:19:57	300	-10	3.0	#112 Orion PMS	4	
0161.COMP	5	9:49	05:13:34.5	-04:19:57	300	-10	3.0	#112 Orion PMS	4	
0162.vso-15487	240	9:49	05:15:14.6	-04:24:07	300	-10	3.0	#112 Orion PMS	4	galaxy
0163.COMP	5	9:54	05:15:14.6	-04:24:07	300	-10	3.0	#112 Orion PMS	4	
0164.vso-15785	240	9:54	05:15:37.8	-04:21:52	300	-10	3.0	#112 Orion PMS	4	
0165.COMP	5	9:59	05:15:37.8	-04:21:52	300	-10	3.0	#112 Orion PMS	4	
0166.vso-17026	420	10:00	05:17:38.8	-03:59:15	300	-10	3.0	#112 Orion PMS	4	
0167.COMP	5	10:07	05:17:38.8	-03:59:15	300	-10	3.0	#112 Orion PMS	4	
0168.vso-14569	210	10:08	05:25:30.0	-06:04:09	300	-10	3.0	#112 Orion PMS	4	
0169.COMP	5	10:12	05:25:30.0	-06:04:09	300	-10	3.0	#112 Orion PMS	4	
0170.vso-15421	210	10:13	05:27:08.3	-06:14:40	300	-10	3.0	#112 Orion PMS	4	
0171.COMP	5	10:17	05:27:08.3	-06:14:40	300	-10	3.0	#112 Orion PMS	4	
0172.vso-15617	210	10:17	05:27:31.1	-06:03:53	300	-10	3.0	#112 Orion PMS	4	
0173.COMP	5	10:21	05:27:31.1	-06:03:53	300	-10	3.0	#112 Orion PMS	4	
0174.vso-16127	180	10:21	05:28:30.5	-06:03:50	300	-10	3.0	#112 Orion PMS	4	
0175.COMP	5	10:26	05:28:30.5	-06:03:50	300	-10	3.0	#112 Orion PMS	4	
0176.vso-16967	180	10:26	05:30:04.1	-06:09:41	300	-10	3.0	#112 Orion PMS	4	
0177.COMP	5	10:29	05:30:04.1	-06:09:41	300	-10	3.0	#112 Orion PMS	4	

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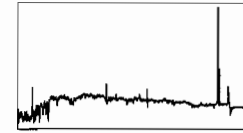
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0178.vso-118490	360	10:30	05:54:58.1	+01:13:58	300	-10	3.0	#112 Orion PMS	4	
0179.COMP	5	10:37	05:54:58.1	+01:13:58	300	-10	3.0	#112 Orion PMS	4	
0180.vso-119795	360	10:38	05:55:39.2	+01:23:03	300	-10	3.0	#112 Orion PMS	4	
0181.COMP	5	10:44	05:55:39.2	+01:23:03	300	-10	3.0	#112 Orion PMS	4	
0182.vso-120295	360	10:46	05:55:57.6	+01:18:47	300	-10	3.0	#112 Orion PMS	4	
0183.COMP	5	10:52	05:55:57.6	+01:18:47	300	-10	3.0	#112 Orion PMS	4	
0184.vso-121125	480	10:53	05:56:29.9	+01:16:07	300	-10	3.0	#112 Orion PMS	4	
0185.COMP	5	11:01	05:56:29.9	+01:16:07	300	-10	3.0	#112 Orion PMS	4	
0186.vso-121541	360	11:01	05:56:43.1	+01:09:14	300	-10	3.0	#112 Orion PMS	4	
0187.COMP	5	11:08	05:56:43.1	+01:09:14	300	-10	3.0	#112 Orion PMS	4	
0188.vso-121720	540	11:09	05:56:51.0	+01:24:03	300	0	3.0	#112 Orion PMS	4	
0189.COMP	5	11:18	05:56:51.0	+01:24:03	300	0	3.0	#112 Orion PMS	4	
0190.vso-121769	480	11:19	05:56:53.2	+01:05:16	300	0	3.0	#112 Orion PMS	4	
0191.COMP	5	11:27	05:56:53.2	+01:05:16	300	0	3.0	#112 Orion PMS	4	
0192.vso-122248	360	11:28	05:57:09.8	+01:23:33	300	0	3.0	#112 Orion PMS	4	
0193.COMP	5	11:35	05:57:09.8	+01:23:33	300	0	3.0	#112 Orion PMS	4	
0194.vso-122709	300	11:35	05:57:24.2	+01:05:08	300	0	3.0	#112 Orion PMS	4	
0195.COMP	5	11:40	05:57:24.2	+01:05:08	300	0	3.0	#112 Orion PMS	4	
0196.BGGem	240	11:45	6:03:31	27:41:50	300	90	3.0	#12 Symbiotic	2	
0197.COMP	10	11:49	6:03:31	27:41:50	300	90	3.0	#12 Symbiotic	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0198.BXMon	2	11:53	7:25:23	-03:35:51	300	0	3.0	#12 Symbiotic	4	
0199.BXMon	6	11:53	7:25:23	-03:35:51	300	0	3.0	#12 Symbiotic	4	
0200.BXMon	15	11:53	7:25:23	-03:35:51	300	0	3.0	#12 Symbiotic	4	
0201.BXMon	30	11:54	7:25:23	-03:35:51	300	0	3.0	#12 Symbiotic	4	
0202.COMP	5	11:55	7:25:23	-03:35:51	300	0	3.0	#12 Symbiotic	4	
0203.Hiltner600	60	11:56	06:42:37.2	02:11:25	300	0	3.0	#56 Spectropho	4	
0204.Hiltner600	60	11:57	06:42:37.2	02:11:25	300	0	3.0	#56 Spectropho	4	
0205.Hiltner600	60	11:58	06:42:37.2	02:11:25	300	0	3.0	#56 Spectropho	4	
0206.COMP	5	12:00	06:42:37.2	02:11:25	300	0	3.0	#56 Spectropho	4	
0207.NGC1700	180	12:02	04:56:58.1	-04:52:23	300	0	3.0	#57 Velocity S	4	
0208.COMP	5	12:05	04:56:58.1	-04:52:23	300	0	3.0	#57 Velocity S	4	
0209-0218.BIAS	0	12:08	04:56:58.1	-04:52:23	300	0	3.0	#12 Symbiotic	4	
0219-0228.FLAT	8	12:12	04:56:58.1	-04:52:23	300	0	3.0	#12 Symbiotic	4	
0229-0238.BIAS	0	12:14	04:56:58.1	-04:52:23	300	0	3.0	#12 Symbiotic	2	
0239-0248.FLAT	16	12:20	04:56:58.1	-04:52:23	300	0	3.0	#12 Symbiotic	2	
0249-0258.DARK	900	14:38	04:56:58.1	-04:52:23	300	90	3.0	#12 Symbiotic	4	
0259-0268.DARK	900	17:11	04:56:58.1	-04:52:23	300	90	3.0	#12 Symbiotic	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001-0005.DARK	1200	23:53	04:56:58.1	-04:52:23	300	90	3.0	#12 Symbiotic	2	
0006-0015.BIAS	0	0:24	04:56:58.1	-04:52:23	300	90	3.0	#12 Symbiotic	4	
0016-0025.BIAS	0	0:26	04:56:58.1	-04:52:23	300	90	3.0	#12 Symbiotic	2	
0026.test	40	0:28	04:56:58.1	-04:52:23	1200	90	1.5	#126 GRB	4	
0027.test	40	0:30	04:56:58.1	-04:52:23	1200	90	1.5	#126 GRB	4	
0028.test	60	0:32	04:56:58.1	-04:52:23	1200	90	1.5	#126 GRB	4	
0029.FLAT	300	0:35	04:56:58.1	-04:52:23	1200	90	1.5	#126 GRB	4	1200-line, 1.5-sec, 54 blue
0030-0036.FLAT	300	1:11	04:56:58.1	-04:52:23	1200	90	1.5	#126 GRB	4	
0037.HD193370	5	1:30	20:18:38	34:58:57	1200	90	1.5	#126 GRB	4	
0038.HD193370	15	1:31	20:18:38	34:58:57	1200	90	1.5	#126 GRB	4	
0039.HD193370	15	1:31	20:18:38	34:58:57	1200	90	1.5	#126 GRB	4	
0040.HD193370	30	1:32	20:18:38	34:58:57	1200	90	1.5	#126 GRB	4	
0041.COMP	60	1:33	20:18:38	34:58:57	1200	90	1.5	#126 GRB	4	
0042.HD210027	10	1:35	22:06:59	25:20:40	1200	90	1.5	#126 GRB	4	
0043.HD210027	10	1:36	22:06:59	25:20:40	1200	90	1.5	#126 GRB	4	
0044.COMP	60	1:36	22:06:59	25:20:40	1200	90	1.5	#126 GRB	4	
0045.BDp284211	100	1:39	21:48:57.1	28:37:48	1200	90	1.5	#126 GRB	4	
0046.BDp284211	100	1:41	21:48:57.1	28:37:48	1200	90	1.5	#126 GRB	4	
0047.COMP	60	1:43	21:48:57.1	28:37:48	1200	90	1.5	#126 GRB	4	
0048.TYC2600m612m1	600	1:45	17:23:39.8	35:27:57	1200	90	1.5	#126 GRB	4	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0049.TYC2600m612m1	300	1:56	17:23:39.8	35:27:57	1200	90	1.5	#126 GRB	4	
0050.COMP	60	2:01	17:23:39.8	35:27:57	1200	90	1.5	#126 GRB	4	
0051.test	20	2:04	21:00:00	30:00:00	1200	90	1.5	#126 GRB	4	
0052.TYC2600m612m1	600	2:06	17:23:39.8	35:27:57	1200	90	1.5	#126 GRB	4	1200-line,1.5-sec, 680 red
0053.TYC2600m612m1	600	2:17	17:23:39.8	35:27:57	1200	90	1.5	#126 GRB	4	
0054.COMP	15	2:27	17:23:39.8	35:27:57	1200	90	1.5	#126 GRB	4	
0055.BDp284211	240	2:29	21:48:57.1	28:37:48	1200	90	1.5	#126 GRB	4	
0056.BDp284211	240	2:33	21:48:57.1	28:37:48	1200	90	1.5	#126 GRB	4	
0057.COMP	15	2:37	21:48:57.1	28:37:48	1200	90	1.5	#126 GRB	4	
0058.HD210027	2	2:38	22:06:59	25:20:40	1200	90	1.5	#126 GRB	4	
0059.HD210027	2	2:39	22:06:59	25:20:40	1200	90	1.5	#126 GRB	4	
0060.COMP	15	2:39	22:06:59	25:20:40	1200	90	1.5	#126 GRB	4	
0061.BDp174708	240	2:40	22:11:31.3	+18:05:34	1200	90	1.5	#126 GRB	4	
0062.BDp174708	240	2:44	22:11:31.3	+18:05:34	1200	90	1.5	#126 GRB	4	
0063.COMP	15	2:49	22:11:31.3	+18:05:34	1200	90	1.5	#126 GRB	4	
0064-0068.FLAT	100	2:57	22:11:31.3	+18:05:34	1200	90	1.5	#126 GRB	4	
0069.test	8	3:01	22:11:31.3	+18:05:34	300	90	3.0	#126 GRB	4	
0070.TYC2600m612m1	90	3:04	17:23:39.8	35:27:57	300	75	3.0	#126 GRB	2	300-line, 3-sec, combo
0071.TYC2600m612m1	90	3:06	17:23:39.8	35:27:57	300	75	3.0	#126 GRB	2	
0072.TYC2600m612m1	90	3:07	17:23:39.8	35:27:57	300	75	3.0	#126 GRB	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0073.COMP	10	3:09	17:23:39.8	35:27:57	300	75	3.0	#126 GRB	2	
0074.BDp284211	60	3:11	21:48:57.1	28:37:48	300	90	3.0	#56 Spectropho	2	
0075.BDp284211	60	3:12	21:48:57.1	28:37:48	300	90	3.0	#56 Spectropho	2	
0076.BDp284211	60	3:13	21:48:57.1	28:37:48	300	90	3.0	#56 Spectropho	2	
0077.COMP	10	3:15	21:48:57.1	28:37:48	300	90	3.0	#56 Spectropho	2	
0078.2M210622.5p+144722	210	3:16	21:06:22.5	+14:47:22	300	90	3.0	#68 2MASS Reds	4	
0079.COMP	5	3:20	21:06:22.5	+14:47:22	300	90	3.0	#68 2MASS Reds	4	
0080.2M210650.3p+091150	180	3:20	21:06:50.3	+09:11:50	300	90	3.0	#68 2MASS Reds	4	
0081.COMP	5	3:24	21:06:50.3	+09:11:50	300	90	3.0	#68 2MASS Reds	4	
0082.2M211152.6p+021944	210	3:24	21:11:52.6	+02:19:44	300	90	3.0	#68 2MASS Reds	4	
0083.COMP	5	3:29	21:11:52.6	+02:19:44	300	90	3.0	#68 2MASS Reds	4	
0084.2M212413.0p+010706	210	3:29	21:24:13.0	+01:07:06	300	90	3.0	#68 2MASS Reds	4	
0085.COMP	5	3:33	21:24:13.0	+01:07:06	300	90	3.0	#68 2MASS Reds	4	
0086.2M212500.2p+043807	360	3:34	21:25:00.2	+04:38:07	300	90	3.0	#68 2MASS Reds	4	
0087.COMP	5	3:40	21:25:00.2	+04:38:07	300	90	3.0	#68 2MASS Reds	4	
0088.2M212816.2p+084811	300	3:41	21:28:16.2	+08:48:11	300	90	3.0	#68 2MASS Reds	2	
0089.COMP	10	3:46	21:28:16.2	+08:48:11	300	90	3.0	#68 2MASS Reds	2	
0090.BDp174708	30	3:48	22:11:31.3	+18:05:34	300	15	3.0	#56 Spectropho	2	
0091.BDp174708	30	3:48	22:11:31.3	+18:05:34	300	15	3.0	#56 Spectropho	2	
0092.BDp174708	30	3:49	22:11:31.3	+18:05:34	300	15	3.0	#56 Spectropho	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0093.COMP	10	3:50	22:11:31.3	+18:05:34	300	15	3.0	#56 Spectropho	2	
0094.202512p10350_a	720	3:58	20:27:39.6	10:45:26	300	105	3.0	#113 Interacti	2	helicopter blasted ridge, done over
0095.COMP	10	4:11	20:27:39.6	10:45:26	300	105	3.0	#113 Interacti	2	
0096.2M213408.2p+060036	900	4:12	21:34:08.2	+06:00:36	300	90	3.0	#68 2MASS Reds	4	
0097.COMP	5	4:27	21:34:08.2	+06:00:36	300	90	3.0	#68 2MASS Reds	4	
0098.2M213706.0p+095721	360	4:28	21:37:06.0	+09:57:21	300	90	3.0	#68 2MASS Reds	4	
0099.COMP	5	4:34	21:37:06.0	+09:57:21	300	90	3.0	#68 2MASS Reds	4	
0100.2M213412.6p+135432	210	4:34	21:34:12.6	+13:54:32	300	90	3.0	#68 2MASS Reds	4	
0101.COMP	5	4:38	21:34:12.6	+13:54:32	300	90	3.0	#68 2MASS Reds	4	
0102.N7469	120	4:40	23:03:15.7	+08:52:27	300	11	3.0	#6 AGN Monitor	4	
0103.N7469	120	4:42	23:03:15.7	+08:52:27	300	11	3.0	#6 AGN Monitor	4	
0104.COMP	5	4:45	23:03:15.7	+08:52:27	300	11	3.0	#6 AGN Monitor	4	
0105.Akn564	180	4:46	22:42:39.4	+29:43:31	300	78	3.0	#6 AGN Monitor	4	
0106.Akn564	180	4:49	22:42:39.4	+29:43:31	300	78	3.0	#6 AGN Monitor	4	
0107.COMP	5	4:53	22:42:39.4	+29:43:31	300	78	3.0	#6 AGN Monitor	4	
0108.214130p43190_d	1200	4:55	21:43:39.0	43:33:15	300	90	3.0	#113 Interacti	2	
0109.COMP	10	5:15	21:43:39.0	43:33:15	300	90	3.0	#113 Interacti	2	
0110.225836p19200_b	1200	5:17	23:1:9.8	19:36:59	300	90	3.0	#113 Interacti	2	
0111.COMP	10	5:37	23:1:9.8	19:36:59	300	90	3.0	#113 Interacti	2	
0112.sn2003it	1200	5:39	00:05:48.4	27:27:09	300	90	3.0	#2 SN Observat	2	

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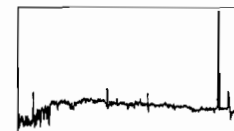
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0113.COMP	10	5:59	00:05:48.4	27:27:09	300	90	3.0	#2 SN Observat	2	
0114.231012p10280.b	1200	6:01	23:12:41.7	10:44:40	300	90	3.0	#113 Interacti	2	gal at row 89, fainter star at row 81
0115.COMP	10	6:22	23:12:41.7	10:44:40	300	90	3.0	#113 Interacti	2	
0116.snugc638	1200	6:25	01:02:06.7	+26:56:21	300	90	3.0	#2 SN Observat	2	
0117.COMP	10	6:45	01:02:06.7	+26:56:21	300	90	3.0	#2 SN Observat	2	
0118.231806p15560.b	1200	6:47	23:20:42.0	16:12:27	300	90	3.0	#113 Interacti	2	emission lines...
0119.COMP	10	7:07	23:20:42.0	16:12:27	300	90	3.0	#113 Interacti	2	
0120.sn2003iu	1200	7:09	01:55:24.5	21:17:06	300	90	3.0	#2 SN Observat	2	
0121.COMP	10	7:29	01:55:24.5	21:17:06	300	90	3.0	#2 SN Observat	2	
0122.cairnsk4_069	540	7:30	3:2:49.3	44:37:11	300	90	3.0	#64 Cluster In	2	
0123.COMP	10	7:40	3:2:49.3	44:37:11	300	90	3.0	#64 Cluster In	2	
0124.cairnsk4_070	540	7:40	3:13:47.4	47:3:33	300	90	3.0	#64 Cluster In	4	
0125.COMP	5	7:50	3:13:47.4	47:3:33	300	90	3.0	#64 Cluster In	4	
0126.cairnsk4_071	210	7:50	3:21:51.4	41:47:50	300	60	3.0	#64 Cluster In	4	
0127.COMP	5	7:54	3:21:51.4	41:47:50	300	60	3.0	#64 Cluster In	4	
0128.cairnsk4_072	270	7:55	3:33:49.9	36:9:8	300	90	3.0	#64 Cluster In	4	
0129.COMP	5	8:00	3:33:49.9	36:9:8	300	90	3.0	#64 Cluster In	4	
0130.cairnsk4_066	600	8:01	3:38:2.3	42:1:19	300	80	3.0	#64 Cluster In	4	
0131.COMP	5	8:11	3:38:2.3	42:1:19	300	80	3.0	#64 Cluster In	4	
0132.sn2003iv	1200	8:13	02:50:07.2	12:50:46	300	10	3.0	#2 SN Observat	2	

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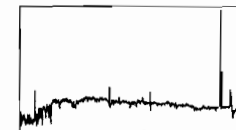
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0133.COMP	10	8:33	02:50:07.2	12:50:46	300	10	3.0	#2 SN Observat	2	
0134.cairnsk4_076	270	8:37	3:42:10.9	38:21:53	300	90	3.0	#64 Cluster In	4	
0135.COMP	5	8:41	3:42:10.9	38:21:53	300	90	3.0	#64 Cluster In	4	
0136.cairnsk4_077	360	8:42	3:43:56.5	44:56:31	300	90	3.0	#64 Cluster In	4	
0137.COMP	5	8:48	3:43:56.5	44:56:31	300	90	3.0	#64 Cluster In	4	
0138.cairnsk4_073	1200	8:49	3:54:18.8	41:18:6	300	90	3.0	#64 Cluster In	4	
0139.COMP	5	9:10	3:54:18.8	41:18:6	300	90	3.0	#64 Cluster In	4	
0140.cairnsk4_075	180	9:11	3:8:5.4	42:7:47	300	90	3.0	#64 Cluster In	4	
0141.COMP	5	9:14	3:8:5.4	42:7:47	300	90	3.0	#64 Cluster In	4	
0142.cairnsk4_079	300	9:15	3:8:46.7	41:37:25	300	90	3.0	#64 Cluster In	4	
0143.COMP	5	9:20	3:8:46.7	41:37:25	300	90	3.0	#64 Cluster In	4	
0144.cairnsk4_080	300	9:20	3:11:43.4	43:22:56	300	90	3.0	#64 Cluster In	4	
0145.COMP	5	9:26	3:11:43.4	43:22:56	300	90	3.0	#64 Cluster In	4	
0146.cairnsk4_081	270	9:27	3:11:43.8	33:45:3	300	90	3.0	#64 Cluster In	4	
0147.COMP	5	9:31	3:11:43.8	33:45:3	300	90	3.0	#64 Cluster In	4	
0148.cairnsk4_082	480	9:32	3:16:21.7	39:38:31	300	90	3.0	#64 Cluster In	4	
0149.COMP	5	9:40	3:16:21.7	39:38:31	300	90	3.0	#64 Cluster In	4	
0150.cairnsk4_083	782	9:41	3:26:32.6	37:10:35	300	90	3.0	#64 Cluster In	4	
0151.COMP	5	9:54	3:26:32.6	37:10:35	300	90	3.0	#64 Cluster In	4	
0152.cairnsk4_084	300	9:55	3:40:0.1	40:33:12	300	90	3.0	#64 Cluster In	4	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0153.COMP	5	10:00	3:40:0.1	40:33:12	300	90	3.0	#64 Cluster In	4	
0154.cairnsk4_087	240	10:01	3:38:24.4	39:14:8	300	90	3.0	#64 Cluster In	4	
0155.COMP	5	10:05	3:38:24.4	39:14:8	300	90	3.0	#64 Cluster In	4	
0156.cairnsk4_086	330	10:06	3:25:22.1	42:42:45	300	90	3.0	#64 Cluster In	4	
0157.COMP	5	10:12	3:25:22.1	42:42:45	300	90	3.0	#64 Cluster In	4	
0158.cairnsk4_085	240	10:12	3:4:40.1	36:1:53	300	90	3.0	#64 Cluster In	4	
0159.COMP	5	10:16	3:4:40.1	36:1:53	300	90	3.0	#64 Cluster In	4	
0160.vso-124424	540	10:19	05:58:08.5	+01:00:18	300	-10	3.0	#112 Orion PMS	4	
0161.COMP	5	10:28	05:58:08.5	+01:00:18	300	-10	3.0	#112 Orion PMS	4	
0162.vso-124569	480	10:29	05:58:13.6	+01:15:33	300	-10	3.0	#112 Orion PMS	4	
0163.COMP	5	10:37	05:58:13.6	+01:15:33	300	-10	3.0	#112 Orion PMS	4	
0164.vso-124599	540	10:37	05:58:15.4	+01:23:40	300	-10	3.0	#112 Orion PMS	4	
0165.COMP	5	10:47	05:58:15.4	+01:23:40	300	-10	3.0	#112 Orion PMS	4	
0166.vso-126271	480	10:47	05:59:10.9	+01:03:13	300	-10	3.0	#112 Orion PMS	4	
0167.COMP	5	10:56	05:59:10.9	+01:03:13	300	-10	3.0	#112 Orion PMS	4	
0168.vso-127472	390	10:56	05:59:48.0	+01:04:15	300	-10	3.0	#112 Orion PMS	4	
0169.COMP	5	11:03	05:59:48.0	+01:04:15	300	-10	3.0	#112 Orion PMS	4	
0170.vso-127503	360	11:04	05:59:48.5	+01:17:54	300	-10	3.0	#112 Orion PMS	4	
0171.COMP	5	11:10	05:59:48.5	+01:17:54	300	-10	3.0	#112 Orion PMS	4	
0172.vso-127793	390	11:11	05:59:57.4	+01:19:55	300	0	3.0	#112 Orion PMS	4	

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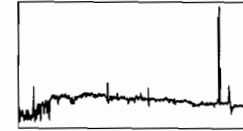
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0173.COMP	5	11:18	05:59:57.4	+01:19:55	300	0	3.0	#112 Orion PMS	4	
0174.vso-129642	420	11:19	05:59:22.3	+01:56:57	300	0	3.0	#112 Orion PMS	4	
0175.COMP	5	11:26	05:59:22.3	+01:56:57	300	0	3.0	#112 Orion PMS	4	
0176.vso-129941	330	11:26	05:59:31.5	+01:52:18	300	0	3.0	#112 Orion PMS	4	
0177.COMP	5	11:32	05:59:31.5	+01:52:18	300	0	3.0	#112 Orion PMS	4	
0178.vso-129968	360	11:33	05:59:32.8	+01:53:50	300	0	3.0	#112 Orion PMS	4	
0179.COMP	5	11:39	05:59:32.8	+01:53:50	300	0	3.0	#112 Orion PMS	4	
0180.vso-130223	420	11:40	05:59:40.6	+01:54:47	300	0	3.0	#112 Orion PMS	4	
0181.COMP	5	11:47	05:59:40.6	+01:54:47	300	0	3.0	#112 Orion PMS	4	
0182.Hiltner600	60	11:48	06:42:37.2	02:11:25	300	-5	3.0	#56 Spectropho	4	
0183.Hiltner600	60	11:49	06:42:37.2	02:11:25	300	-5	3.0	#56 Spectropho	4	
0184.Hiltner600	60	11:50	06:42:37.2	02:11:25	300	-5	3.0	#56 Spectropho	4	
0185.COMP	5	11:52	06:42:37.2	02:11:25	300	-5	3.0	#56 Spectropho	4	
0186.vso-19172	360	11:53	05:33:34.2	-04:43:45	300	20	3.0	#112 Orion PMS	4	
0187.COMP	5	11:59	05:33:34.2	-04:43:45	300	20	3.0	#112 Orion PMS	4	
0188.vso-19451	360	12:00	05:34:53.0	-05:03:27	300	20	3.0	#112 Orion PMS	4	
0189.COMP	5	12:06	05:34:53.0	-05:03:27	300	20	3.0	#112 Orion PMS	4	
0190.vso-19485	180	12:07	05:34:38.7	-06:06:18	300	20	3.0	#112 Orion PMS	4	
0191.COMP	5	12:10	05:34:38.7	-06:06:18	300	20	3.0	#112 Orion PMS	4	
0192.vso-19495	270	12:11	05:34:41.4	-05:47:55	300	20	3.0	#112 Orion PMS	4	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0193.COMP	5	12:16	05:34:41.4	-05:47:55	300	20	3.0	#112 Orion PMS	4	
0194.HD52071	4	12:18	06:57:51	+27:13:42	300	90	3.0	#57 Velocity S	4	
0195.HD52071	4	12:18	06:57:51	+27:13:42	300	90	3.0	#57 Velocity S	4	
0196.HD52071	4	12:18	06:57:51	+27:13:42	300	90	3.0	#57 Velocity S	4	
0197.COMP	5	12:19	06:57:51	+27:13:42	300	90	3.0	#57 Velocity S	4	
0198.FineFoc	60	12:21	07:02:00.9	31:56:18	300	90	3.0	#112 Orion PMS	1	
0199-0208.BIAS	0	12:27	07:02:00.9	31:56:18	300	90	3.0	#112 Orion PMS	4	
0209-0218.FLAT	8	12:31	07:02:00.9	31:56:18	300	90	3.0	#112 Orion PMS	4	
0219-0228.BIAS	0	12:33	07:02:00.9	31:56:18	300	90	3.0	#112 Orion PMS	2	
0229-0238.FLAT	16	12:39	07:02:00.9	31:56:18	300	90	3.0	#112 Orion PMS	2	
0239-0248.DARK	900	14:56	07:02:00.9	31:56:18	300	90	3.0	#112 Orion PMS	4	
0249-0258.DARK	900	17:29	07:02:00.9	31:56:18	300	90	3.0	#112 Orion PMS	2	
0259.FLAT	5	18:48	07:02:00.9	31:56:18	300	90	3.0	#112 Orion PMS	1	
0260.FLAT	5	18:49	07:02:00.9	31:56:18	300	90	3.0	#112 Orion PMS	2	
0261.FLAT	2	18:52	13:35:10.2	+31:30:55	300	90	3.0	#112 Orion PMS	4	

300 ℓ /mm FLATS ARE NO GOOD

used FLATS FROM THE NEXT
NIGHT 10/24/03 (UT)

UT Date 2003-10-24 Observers P BerlindColl. Focus 1080 Grating/Grism 300

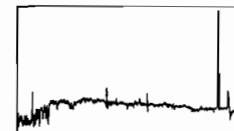
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0001.BIAS	0	22:32	17:16:27.2	+31:29:58	300	90	3.0	#112 Orion PMS	4	combo
0002-0010.BIAS	0	22:34	17:17:31.2	+31:29:58	300	90	3.0	#112 Orion PMS	4	
0011-0014.FLAT	8	22:35	17:18:56.2	+31:29:58	300	90	3.0	#112 Orion PMS	4	
0015-0020.FLAT	8	22:37	17:21:03.5	+31:29:57	300	90	3.0	#112 Orion PMS	4	
0021-0024.BIAS	0	22:38	17:21:59.2	+31:29:57	300	90	3.0	#112 Orion PMS	2	
0025-0030.BIAS	0	22:39	17:23:15.7	+31:29:56	300	90	3.0	#112 Orion PMS	2	
0031-0033.FLAT	16	22:41	17:25:05.9	+31:29:56	300	90	3.0	#112 Orion PMS	2	
0034-0038.FLAT	16	22:44	17:28:08.4	+31:29:55	300	90	3.0	#112 Orion PMS	2	
0039-0040.FLAT	16	22:45	17:29:20.6	+31:29:54	300	90	3.0	#112 Orion PMS	2	
0041.COMP	60	23:27	18:12:33.7	+31:29:40	1200	90	1.5	#112 Orion PMS	4	
0042.FLAT	720	23:30	18:25:45.1	+31:29:35	1200	90	1.5	#112 Orion PMS	4	1200-line, 1.5-sec, 54 blue
0043.FLAT	720	23:42	18:37:55.7	+31:29:31	1200	90	1.5	#112 Orion PMS	4	
0044.FLAT	720	23:54	18:50:02.8	+31:29:28	1200	90	1.5	#112 Orion PMS	4	
0045.FLAT	720	0:06	19:02:13.6	+31:29:24	1200	90	1.5	#112 Orion PMS	4	
0046.FLAT	720	0:18	19:14:20.6	+31:29:20	1200	90	1.5	#112 Orion PMS	4	
0047.FLAT	720	0:30	19:26:31.0	+31:29:16	1200	90	1.5	#112 Orion PMS	4	
0048.FLAT	720	0:42	19:38:38.2	+31:29:13	1200	90	1.5	#112 Orion PMS	4	
0049.FLAT	720	0:54	19:50:48.5	+31:29:09	1200	90	1.5	#112 Orion PMS	4	
0050.HD209813	60	1:23	22:04:56.6	47:14:04	1200	90	1.5	#126 GRB	4	
0051.HD209813	60	1:24	22:04:56.6	47:14:04	1200	90	1.5	#126 GRB	4	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0052.COMP	60	1:25	22:04:56.6	47:14:04	1200	90	1.5	#126 GRB	4	
0053.HD217183	120	1:28	22:58:26.9	35:16:56	1200	90	1.5	#126 GRB	4	
0054.COMP	60	1:30	22:58:26.9	35:16:56	1200	90	1.5	#126 GRB	4	
0055.BDp284211	240	1:33	21:48:57.1	28:37:48	1200	90	1.5	#126 GRB	4	
0056.BDp284211	240	1:37	21:48:57.1	28:37:48	1200	90	1.5	#126 GRB	4	
0057.COMP	60	1:41	21:48:57.1	28:37:48	1200	90	1.5	#126 GRB	4	
0058.TYC2600m612m1	900	1:44	17:23:39.8	35:27:57	1200	80	1.5	#126 GRB	4	
0059.TYC2600m612m1	900	1:59	17:23:39.8	35:27:57	1200	80	1.5	#126 GRB	4	
0060.COMP	60	2:15	17:23:39.8	35:27:57	1200	80	1.5	#126 GRB	4	
0061.test	15	2:17	21:00:00	32:00:00	1200	80	1.5	#126 GRB	4	
0062.TYC2600m612m1	600	2:19	17:23:39.8	35:27:57	1200	80	1.5	#126 GRB	4	1200-line, 1.5-sec, 680 red
0063.TYC2600m612m1	600	2:29	17:23:39.8	35:27:57	1200	80	1.5	#126 GRB	4	
0064.COMP	60	2:40	17:23:39.8	35:27:57	1200	80	1.5	#126 GRB	4	
0065.BDp284211	300	2:42	21:48:57.1	28:37:48	1200	90	1.5	#126 GRB	4	
0066.BDp284211	300	2:48	21:48:57.1	28:37:48	1200	90	1.5	#126 GRB	4	
0067.COMP	60	2:53	21:48:57.1	28:37:48	1200	90	1.5	#126 GRB	4	
0068.BDp174708	240	2:55	22:11:31.3	+18:05:34	1200	90	1.5	#126 GRB	4	
0069.BDp174708	240	2:59	22:11:31.3	+18:05:34	1200	90	1.5	#126 GRB	4	
0070.COMP	60	3:03	22:11:31.3	+18:05:34	1200	90	1.5	#126 GRB	4	
0071-0075.FLAT	110	3:12	22:11:31.3	+18:05:34	1200	90	1.5	#126 GRB	4	

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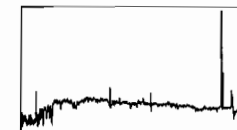
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0076.test	5	3:16	22:11:31.3	+18:05:34	300	70	3.0	#126 GRB	4	
0077.TYC2600m612m1	90	3:18	17:23:39.8	35:27:57	300	70	3.0	#126 GRB	2	300-line, 3-sec, combo
0078.TYC2600m612m1	90	3:19	17:23:39.8	35:27:57	300	70	3.0	#126 GRB	2	
0079.TYC2600m612m1	90	3:21	17:23:39.8	35:27:57	300	70	3.0	#126 GRB	2	
0080.COMP	10	3:23	17:23:39.8	35:27:57	300	70	3.0	#126 GRB	2	
0081.BDp284211	60	3:25	21:48:57.1	28:37:48	300	90	3.0	#56 Spectropho	2	
0082.BDp284211	60	3:26	21:48:57.1	28:37:48	300	90	3.0	#56 Spectropho	2	
0083.BDp284211	60	3:27	21:48:57.1	28:37:48	300	90	3.0	#56 Spectropho	2	
0084.COMP	10	3:29	21:48:57.1	28:37:48	300	90	3.0	#56 Spectropho	2	
0085.BDp174708	30	3:31	22:11:31.3	+18:05:34	300	3	3.0	#56 Spectropho	2	
0086.BDp174708	30	3:31	22:11:31.3	+18:05:34	300	3	3.0	#56 Spectropho	2	
0087.BDp174708	30	3:32	22:11:31.3	+18:05:34	300	3	3.0	#56 Spectropho	2	
0088.COMP	10	3:33	22:11:31.3	+18:05:34	300	3	3.0	#56 Spectropho	2	
0089.MRK509	180	3:35	20:44:09.8	-10:43:24	300	30	3.0	#6 AGN Monitor	4	
0090.MRK509	180	3:38	20:44:09.8	-10:43:24	300	30	3.0	#6 AGN Monitor	4	
0091.COMP	5	3:41	20:44:09.8	-10:43:24	300	30	3.0	#6 AGN Monitor	4	
0092.203106p15530.b	900	3:45	20:33:17.6	16:3:45	300	50	3.0	#113 Interacti	2	
0093.COMP	10	4:01	20:33:17.6	16:3:45	300	50	3.0	#113 Interacti	2	
0094.212712p06270.b	1020	4:02	21:29:43.6	6:40:19	300	50	3.0	#113 Interacti	2	
0095.COMP	10	4:19	21:29:43.6	6:40:19	300	50	3.0	#113 Interacti	2	

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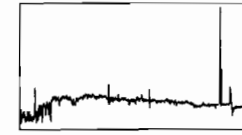
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0096.snchileno	1800	4:30	23:30:51.1	-09:28:34	300	0	3.0	#2 SN Observat	2	
0097.COMP	10	5:00	23:30:51.1	-09:28:34	300	0	3.0	#2 SN Observat	2	
0098.snchileno	1800	5:01	23:30:51.1	-09:28:34	300	0	3.0	#2 SN Observat	2	
0099.COMP	10	5:31	23:30:51.1	-09:28:34	300	0	3.0	#2 SN Observat	2	
0100.sn2003it	1200	5:35	00:05:48.4	27:27:09	300	90	3.0	#2 SN Observat	2	
0101.COMP	10	5:55	00:05:48.4	27:27:09	300	90	3.0	#2 SN Observat	2	
0102.ZAnd	3	5:56	23:33:40	48:49:06	300	90	3.0	#12 Symbiotic	4	
0103.ZAnd	1	5:56	23:33:40	48:49:06	300	90	3.0	#12 Symbiotic	4	
0104.ZAnd	5	5:56	23:33:40	48:49:06	300	90	3.0	#12 Symbiotic	4	
0105.ZAnd	15	5:57	23:33:40	48:49:06	300	90	3.0	#12 Symbiotic	4	
0106.ZAnd	30	5:57	23:33:40	48:49:06	300	90	3.0	#12 Symbiotic	4	
0107.COMP	5	5:58	23:33:40	48:49:06	300	90	3.0	#12 Symbiotic	4	
0108.MRK335	150	5:59	00:06:19.6	+20:12:11	300	36	3.0	#6 AGN Monitor	4	
0109.MRK335	150	6:02	00:06:19.6	+20:12:11	300	36	3.0	#6 AGN Monitor	4	
0110.COMP	5	6:05	00:06:19.6	+20:12:11	300	36	3.0	#6 AGN Monitor	4	
0111.233542p11570_b	1200	6:06	23:38:13.9	12:11:38	300	36	3.0	#113 Interacti	2	
0112.COMP	10	6:27	23:38:13.9	12:11:38	300	36	3.0	#113 Interacti	2	
0113.234042p10070_b	1200	6:29	23:43:2.3	10:23:46	300	44	3.0	#113 Interacti	2	
0114.COMP	10	6:49	23:43:2.3	10:23:46	300	44	3.0	#113 Interacti	2	
0115.234842p20170_d	1200	6:50	23:51:12.5	20:34:34	300	92	3.0	#113 Interacti	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0116.COMP	10	7:11	23:51:12.5	20:34:34	300	92	3.0	#113 Interacti	2	
0117.snn846	1200	7:13	02:12:11.8	+44:34:20	300	0	3.0	#2 SN Observat	2	
0118.COMP	10	7:33	02:12:11.8	+44:34:20	300	0	3.0	#2 SN Observat	2	
0119.sn2003iu	1200	7:37	01:55:24.5	21:17:06	300	90	3.0	#2 SN Observat	2	
0120.COMP	10	7:57	01:55:24.5	21:17:06	300	90	3.0	#2 SN Observat	2	
0121.235730p15360.b	1200	7:59	0:0:4.9	15:51:17	300	90	3.0	#113 Interacti	2	please also extract companion at higher row
0122.COMP	10	8:20	0:0:4.9	15:51:17	300	90	3.0	#113 Interacti	2	
0123.158m213	300	8:21	00:40:30.2	+40:50:55	300	90	3.0	#57 Velocity S	2	
0124.COMP	10	8:26	00:40:30.2	+40:50:55	300	90	3.0	#57 Velocity S	2	
0125.cairnsk4_088	240	8:27	2:40:54.7	41:13:39	300	90	3.0	#64 Cluster In	4	
0126.COMP	5	8:31	2:40:54.7	41:13:39	300	90	3.0	#64 Cluster In	4	
0127.cairnsk4_089	270	8:32	2:51:10.7	45:9:18	300	90	3.0	#64 Cluster In	4	
0128.COMP	5	8:37	2:51:10.7	45:9:18	300	90	3.0	#64 Cluster In	4	
0129.cairnsk4_090	330	8:37	2:39:37.4	40:31:47	300	90	3.0	#64 Cluster In	4	
0130.COMP	5	8:43	2:39:37.4	40:31:47	300	90	3.0	#64 Cluster In	4	
0131.cairnsk4_091	300	8:44	2:45:15.1	46:49:1	300	90	3.0	#64 Cluster In	4	
0132.COMP	5	8:49	2:45:15.1	46:49:1	300	90	3.0	#64 Cluster In	4	
0133.cairnsk4_092	210	8:50	2:47:11.6	38:23:52	300	90	3.0	#64 Cluster In	4	
0134.COMP	5	8:54	2:47:11.6	38:23:52	300	90	3.0	#64 Cluster In	4	
0135.cairnsk4_095	180	8:54	2:54:49.3	36:5:39	300	90	3.0	#64 Cluster In	4	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0136.COMP	5	8:58	2:54:49.3	36:5:39	300	90	3.0	#64 Cluster In	4	
0137.cairnsk4_096	330	8:58	2:59:12.4	45:8:5	300	90	3.0	#64 Cluster In	4	
0138.COMP	5	9:04	2:59:12.4	45:8:5	300	90	3.0	#64 Cluster In	4	
0139.cairnsk4_093	270	9:05	3:5:12.5	40:59:39	300	90	3.0	#64 Cluster In	4	
0140.COMP	5	9:10	3:5:12.5	40:59:39	300	90	3.0	#64 Cluster In	4	
0141.cairnsk4_094	480	9:10	3:32:34.7	43:7:7	300	90	3.0	#64 Cluster In	4	
0142.COMP	5	9:19	3:32:34.7	43:7:7	300	90	3.0	#64 Cluster In	4	
0143.cairnsk4_098	480	9:19	3:37:58.7	42:51:50	300	90	3.0	#64 Cluster In	4	
0144.COMP	5	9:27	3:37:58.7	42:51:50	300	90	3.0	#64 Cluster In	4	
0145.cairnsk4_097	210	9:28	3:18:47.2	34:43:46	300	90	3.0	#64 Cluster In	4	
0146.COMP	5	9:32	3:18:47.2	34:43:46	300	90	3.0	#64 Cluster In	4	
0147.cairnsk4_099	240	9:32	2:43:13.8	37:48:49	300	90	3.0	#64 Cluster In	4	
0148.COMP	5	9:37	2:43:13.8	37:48:49	300	90	3.0	#64 Cluster In	4	
0149.cairnsk4_100	600	9:37	2:52:16.3	47:9:23	300	90	3.0	#64 Cluster In	4	
0150.COMP	5	9:48	2:52:16.3	47:9:23	300	90	3.0	#64 Cluster In	4	
0151.vso-17039	480	9:51	05:17:39.6	-03:59:48	300	-10	3.0	#112 Orion PMS	4	
0152.COMP	5	9:59	05:17:39.6	-03:59:48	300	-10	3.0	#112 Orion PMS	4	
0153.vso-18124	300	10:00	05:32:52.1	-05:55:01	300	-10	3.0	#112 Orion PMS	4	
0154.COMP	5	10:05	05:32:52.1	-05:55:01	300	-10	3.0	#112 Orion PMS	4	
0155.vso-19060	300	10:06	05:20:43.0	-04:13:50	300	-10	3.0	#112 Orion PMS	4	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0156.COMP	5	10:12	05:20:43.0	-04:13:50	300	-10	3.0	#112 Orion PMS	4	
0157.vso-19106	300	10:12	05:20:47.2	-03:59:34	300	-10	3.0	#112 Orion PMS	4	
0158.COMP	5	10:18	05:20:47.2	-03:59:34	300	-10	3.0	#112 Orion PMS	4	
0159.vso-19487	600	10:19	05:34:39.7	-06:07:12	300	-10	3.0	#112 Orion PMS	4	
0160.COMP	5	10:29	05:34:39.7	-06:07:12	300	-10	3.0	#112 Orion PMS	4	
0161.Akn120	300	10:29	05:13:38.0	-00:12:15	300	0	3.0	#6 AGN Monitor	4	
0162.COMP	5	10:35	05:13:38.0	-00:12:15	300	0	3.0	#6 AGN Monitor	4	
0163.vso-19526	420	10:35	05:34:56.2	-06:04:17	300	0	3.0	#112 Orion PMS	4	
0164.COMP	5	10:43	05:34:56.2	-06:04:17	300	0	3.0	#112 Orion PMS	4	
0165.vso-19533	480	10:43	05:34:58.3	-05:54:28	300	0	3.0	#112 Orion PMS	4	
0166.COMP	5	10:52	05:34:58.3	-05:54:28	300	0	3.0	#112 Orion PMS	4	
0167.vso-19545	360	10:53	05:35:01.3	-05:55:54	300	0	3.0	#112 Orion PMS	4	
0168.COMP	5	10:59	05:35:01.3	-05:55:54	300	0	3.0	#112 Orion PMS	4	
0169.vso-19562	480	10:59	05:35:02.9	-06:05:24	300	0	3.0	#112 Orion PMS	4	
0170.COMP	5	11:08	05:35:02.9	-06:05:24	300	0	3.0	#112 Orion PMS	4	
0171.vso-19599	210	11:08	05:35:08.7	-06:05:02	300	0	3.0	#112 Orion PMS	4	
0172.COMP	5	11:12	05:35:08.7	-06:05:02	300	0	3.0	#112 Orion PMS	4	
0173.vso-19682	420	11:13	05:35:17.3	-06:05:15	300	0	3.0	#112 Orion PMS	4	
0174.COMP	5	11:20	05:35:17.3	-06:05:15	300	0	3.0	#112 Orion PMS	4	
0175.vso-19715	420	11:21	05:35:23.4	-06:01:24	300	0	3.0	#112 Orion PMS	4	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0176.COMP	5	11:28	05:35:23.4	-06:01:24	300	0	3.0	#112 Orion PMS	4	
0177.vso-19731	540	11:28	05:35:27.9	-06:09:38	300	0	3.0	#112 Orion PMS	4	
0178.COMP	5	11:38	05:35:27.9	-06:09:38	300	0	3.0	#112 Orion PMS	4	
0179.vso-19749	240	11:38	05:35:30.1	-06:03:02	300	0	3.0	#112 Orion PMS	4	
0180.COMP	5	11:43	05:35:30.1	-06:03:02	300	0	3.0	#112 Orion PMS	4	
0181.sn2003ix	1200	11:50	7:14:25.7	55:08:53	300	15	3.0	#2 SN Observat	2	
0182.COMP	10	12:12	7:14:25.7	55:08:53	300	15	3.0	#2 SN Observat	2	
0183.Hiltner600	60	12:14	06:42:37.2	02:11:25	300	7	3.0	#56 Spectropho	2	
0184.Hiltner600	60	12:15	06:42:37.2	02:11:25	300	7	3.0	#56 Spectropho	2	
0185.Hiltner600	60	12:17	06:42:37.2	02:11:25	300	7	3.0	#56 Spectropho	2	
0186.COMP	10	12:18	06:42:37.2	02:11:25	300	7	3.0	#56 Spectropho	2	
0187.BIAS	0	12:22	06:42:37.2	02:11:25	300	90	3.0	#126 GRB	4	good
0188-0196.BIAS	0	12:23	06:42:37.2	02:11:25	300	90	3.0	#126 GRB	4	
0197.FLAT	8	12:23	06:42:37.2	02:11:25	300	90	3.0	#126 GRB	4	good
0198-0206.FLAT	8	12:26	06:42:37.2	02:11:25	300	90	3.0	#126 GRB	4	
0207.BIAS	0	12:27	06:42:37.2	02:11:25	300	90	3.0	#126 GRB	2	good
0208-0216.BIAS	0	12:28	06:42:37.2	02:11:25	300	90	3.0	#126 GRB	2	
0217.FLAT	16	12:29	06:42:37.2	02:11:25	300	90	3.0	#126 GRB	2	good
0218-0226.FLAT	16	12:34	06:42:37.2	02:11:25	300	90	3.0	#126 GRB	2	
0227-0236.DARK	900	14:54	06:42:37.2	02:11:25	300	90	3.0	#126 GRB	4	

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<i>File</i>	<i>Exp Time</i>	<i>UT Start</i>	<i>RA</i>	<i>Dec</i>	<i>Gr.</i>	<i>P.A.</i>	<i>Slit</i>	<i>Program</i>	<i>Bin</i>	<i>Comments</i>
0237-0246.DARK	900	17:26	06:42:37.2	02:11:25	300	90	3.0	#126 GRB	2	

UT Date 2003-10-25 Observers M CalkinsColl. Focus 1080 Grating/Grism 300

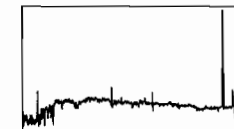
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001.DARK	900	0:57	20:00:39.8	+31:29:06	300	90	3.0	#126 GRB	4	
0002.DARK	900	1:12	20:15:45.9	+31:29:02	300	90	3.0	#126 GRB	4	
0003-0009.BIAS	0	1:29	20:17:31.6	+31:29:02	300	90	3.0	#126 GRB	4	
0010-0012.BIAS	0	1:30	20:17:53.0	+31:29:01	300	90	3.0	#126 GRB	4	
0013-0022.FLAT	6	1:32	20:20:30.3	+31:29:01	300	90	3.0	#126 GRB	4	
0023-0025.BIAS	0	1:33	20:21:12.2	+31:29:01	300	90	3.0	#126 GRB	2	
0026-0032.BIAS	0	1:34	20:22:41.5	+31:29:00	300	90	3.0	#126 GRB	2	
0033-0037.FLAT	12	1:36	20:24:53.5	+31:29:00	300	90	3.0	#126 GRB	2	
0038-0042.FLAT	12	1:38	20:26:56.5	+31:28:59	300	90	3.0	#126 GRB	2	
0043.BDp284211	40	1:41	21:48:57.1	28:37:48	300	90	3.0	#56 Spectropho	4	
0044.BDp284211	40	1:42	21:48:57.1	28:37:48	300	90	3.0	#56 Spectropho	4	
0045.COMP	5	1:44	21:48:57.1	28:37:48	300	90	3.0	#56 Spectropho	4	
0046.BDp284211	40	1:44	21:48:57.1	28:37:48	300	90	3.0	#56 Spectropho	2	
0047.BDp284211	40	1:45	21:48:57.1	28:37:48	300	90	3.0	#56 Spectropho	2	
0048.COMP	12	1:47	21:48:57.1	28:37:48	300	90	3.0	#56 Spectropho	2	
0049.BDp284211	40	1:48	21:48:57.1	28:37:48	300	104	3.0	#56 Spectropho	2	
0050.BDp284211	40	1:49	21:48:57.1	28:37:48	300	104	3.0	#56 Spectropho	2	
0051.COMP	12	1:51	21:48:57.1	28:37:48	300	104	3.0	#56 Spectropho	2	
0052.AGDra	2	1:54	16:01:41	66:48:10	300	90	3.0	#12 Symbiotic	2	
0053.AGDra	15	1:55	16:01:41	66:48:10	300	90	3.0	#12 Symbiotic	2	

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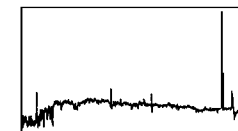
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0054.AGDra	45	1:55	16:01:41	66:48:10	300	90	3.0	#12 Symbiotic	2	
0055.COMP	12	1:56	16:01:41	66:48:10	300	90	3.0	#12 Symbiotic	2	
0056.RSOph	10	1:59	17:50:13	-06:42:30	300	90	3.0	#12 Symbiotic	2	
0057.RSOph	60	1:59	17:50:13	-06:42:30	300	90	3.0	#12 Symbiotic	2	
0058.RSOph	150	2:00	17:50:13	-06:42:30	300	90	3.0	#12 Symbiotic	2	
0059.COMP	12	2:03	17:50:13	-06:42:30	300	90	3.0	#12 Symbiotic	2	
0060.YYHer	10	2:06	18:14:34	20:59:19	300	90	3.0	#12 Symbiotic	2	
0061.YYHer	60	2:06	18:14:34	20:59:19	300	90	3.0	#12 Symbiotic	2	
0062.COMP	12	2:08	18:14:34	20:59:19	300	90	3.0	#12 Symbiotic	2	
0063.3C390.3	300	2:13	18:42:09.1	79:46:17	300	90	3.0	#6 AGN Monitor	2	
0064.3C390.3	300	2:18	18:42:09.1	79:46:17	300	90	3.0	#6 AGN Monitor	2	
0065.3C390.3	300	2:23	18:42:09.1	79:46:17	300	90	3.0	#6 AGN Monitor	2	
0066.COMP	12	2:29	18:42:09.1	79:46:17	300	90	3.0	#6 AGN Monitor	2	
0067.MRK509	180	2:33	20:44:09.8	-10:43:24	300	90	3.0	#6 AGN Monitor	2	
0068.MRK509	180	2:36	20:44:09.8	-10:43:24	300	90	3.0	#6 AGN Monitor	2	
0069.COMP	12	2:40	20:44:09.8	-10:43:24	300	90	3.0	#6 AGN Monitor	2	
0070.Akn564	180	2:48	22:42:39.4	+29:43:31	300	90	3.0	#6 AGN Monitor	2	
0071.Akn564	180	2:52	22:42:39.4	+29:43:31	300	90	3.0	#6 AGN Monitor	2	
0072.COMP	12	2:55	22:42:39.4	+29:43:31	300	90	3.0	#6 AGN Monitor	2	
0073.N7469	120	2:57	23:03:15.7	+08:52:27	300	90	3.0	#6 AGN Monitor	2	

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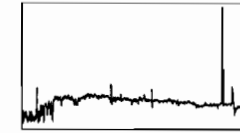
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0074.N7469	120	2:59	23:03:15.7	+08:52:27	300	90	3.0	#6 AGN Monitor	2	
0075.COMP	12	3:01	23:03:15.7	+08:52:27	300	90	3.0	#6 AGN Monitor	2	
0076.ZAnd	2	3:12	23:33:40	48:49:06	300	90	3.0	#12 Symbiotic	2	
0077.ZAnd	1	3:13	23:33:40	48:49:06	300	90	3.0	#12 Symbiotic	2	
0078.ZAnd	5	3:13	23:33:40	48:49:06	300	90	3.0	#12 Symbiotic	2	
0079.ZAnd	15	3:14	23:33:40	48:49:06	300	90	3.0	#12 Symbiotic	2	
0080.COMP	12	3:14	23:33:40	48:49:06	300	90	3.0	#12 Symbiotic	2	
0081.BDp174708	15	3:18	22:11:31.3	+18:05:34	300	-6	3.0	#56 Spectropho	2	
0082.BDp174708	15	3:18	22:11:31.3	+18:05:34	300	-6	3.0	#56 Spectropho	2	
0083.COMP	12	3:19	22:11:31.3	+18:05:34	300	-6	3.0	#56 Spectropho	2	
0084.004336p19130_b	1680	3:25	0:46:8.6	19:31:16	300	90	3.0	#113 Interacti	2	
0085.COMP	12	3:54	0:46:8.6	19:31:16	300	90	3.0	#113 Interacti	2	
0086.004336p19130_e	1680	3:55	0:46:12.5	19:33:20	300	90	3.0	#113 Interacti	2	
0087.COMP	12	4:24	0:46:12.5	19:33:20	300	90	3.0	#113 Interacti	2	
0088.010648p16410_b	1340	4:26	1:9:26.7	16:57:35	300	60	3.0	#113 Interacti	2	
0089.COMP	12	4:49	1:9:26.7	16:57:35	300	60	3.0	#113 Interacti	2	
0090.011718p14310_h	1620	4:51	1:19:51.2	14:50:22	300	90	3.0	#113 Interacti	2	
0091.COMP	12	5:18	1:19:51.2	14:50:22	300	90	3.0	#113 Interacti	2	
0092.sn2003it	1200	5:21	00:05:48.4	27:27:09	300	9	3.0	#2 SN Observat	2	row=74
0093.COMP	12	5:42	00:05:48.4	27:27:09	300	9	3.0	#2 SN Observat	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0094.011718p14310-j	1800	5:45	1:19:47.4	14:45:51	300	90	3.0	#113 Interacti	2	row=73
0095.COMP	12	6:16	1:19:47.4	14:45:51	300	90	3.0	#113 Interacti	2	
0096.011718p14310.k	1800	6:17	1:19:50.4	14:44:7	300	90	3.0	#113 Interacti	2	
0097.COMP	12	6:48	1:19:50.4	14:44:7	300	90	3.0	#113 Interacti	2	
0098.011848p06450.b	1500	6:52	1:21:29.5	7:4:12	300	5	3.0	#113 Interacti	2	
0099.COMP	12	7:19	1:21:29.5	7:4:12	300	5	3.0	#113 Interacti	2	
0100.011848p06450.c	1380	7:20	1:21:32.7	7:4:9	300	5	3.0	#113 Interacti	2	
0101.COMP	12	7:44	1:21:32.7	7:4:9	300	5	3.0	#113 Interacti	2	
0102.sn2003iu	1200	7:47	01:55:24.5	21:17:06	300	39	3.0	#2 SN Observat	2	
0103.COMP	12	8:07	01:55:24.5	21:17:06	300	39	3.0	#2 SN Observat	2	
0104.sn2003iu	1200	8:09	01:55:24.5	21:17:06	300	70	3.0	#2 SN Observat	2	
0105.COMP	12	8:29	01:55:24.5	21:17:06	300	70	3.0	#2 SN Observat	2	
0106.sn2003iv	1200	8:32	02:50:07.2	12:50:46	300	20	3.0	#2 SN Observat	2	
0107.COMP	12	8:53	02:50:07.2	12:50:46	300	20	3.0	#2 SN Observat	2	
0108.hs1677	600	9:02	3:16:59.9	-0:48:04	600	90	2.0	#122 Halo Star	4	600L, 2arcsec, tilt=430
0109.COMP	10	9:12	3:16:59.9	-0:48:04	600	90	2.0	#122 Halo Star	4	
0110.hs1678	420	9:14	3:19:35.9	-0:11:19	600	90	2.0	#122 Halo Star	4	
0111.COMP	10	9:21	3:19:35.9	-0:11:19	600	90	2.0	#122 Halo Star	4	
0112.hs1679	1200	9:23	3:21:41.3	0:33:51	600	90	2.0	#122 Halo Star	4	
0113.COMP	10	9:43	3:21:41.3	0:33:51	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
0114.hss239	960	9:45	3:21:54.5	-0:39:37	600	90	2.0	#122 Halo Star	4	
0115.COMP	10	10:02	3:21:54.5	-0:39:37	600	90	2.0	#122 Halo Star	4	
0116.hs1680	300	10:04	3:24:10.7	-1:04:04	600	90	2.0	#122 Halo Star	4	
0117.COMP	10	10:09	3:24:10.7	-1:04:04	600	90	2.0	#122 Halo Star	4	
0118.hs1681	360	10:11	3:25:22.8	0:42:43	600	90	2.0	#122 Halo Star	4	
0119.COMP	10	10:18	3:25:22.8	0:42:43	600	90	2.0	#122 Halo Star	4	
0120.hs1682	840	10:18	3:27:18.4	-0:27:37	600	90	2.0	#122 Halo Star	4	get again...
0121.COMP	10	10:33	3:27:18.4	-0:27:37	600	90	2.0	#122 Halo Star	4	
0122.hs1682	900	10:33	3:27:18.4	-0:27:37	600	90	2.0	#122 Halo Star	4	
0123.COMP	10	10:49	3:27:18.4	-0:27:37	600	90	2.0	#122 Halo Star	4	
0124.hs1683	1200	10:51	3:27:58.7	0:41:27	600	90	2.0	#122 Halo Star	4	
0125.COMP	10	11:11	3:27:58.7	0:41:27	600	90	2.0	#122 Halo Star	4	
0126.Hiltner600	60	11:13	06:42:37.2	02:11:25	600	90	2.0	#56 Spectropho	4	
0127.COMP	10	11:14	06:42:37.2	02:11:25	600	90	2.0	#56 Spectropho	4	
0128-0137.FLAT	40	11:22	06:42:37.2	02:11:25	600	90	2.0	#122 Halo Star	4	
0138.FineFoc	60	11:28	06:04:01.8	31:37:54	300	90	3.0	#122 Halo Star	1	combo setup
0139.FineFoc	60	11:35	06:04:01.8	31:37:54	300	90	3.0	#122 Halo Star	1	
0140.vso-19757	540	11:45	05:35:31.8	-06:06:29	300	90	3.0	#112 Orion PMS	2	
0141.COMP	12	11:54	05:35:31.8	-06:06:29	300	90	3.0	#112 Orion PMS	2	
0142.vso-19758	540	11:55	05:35:31.9	-05:59:41	300	90	3.0	#112 Orion PMS	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0143.COMP	12	12:04	05:35:31.9	-05:59:41	300	90	3.0	#112 Orion PMS	2	
0144.vso-19807	390	12:06	05:35:30.9	-04:55:17	300	90	3.0	#112 Orion PMS	2	
0145.COMP	12	12:12	05:35:30.9	-04:55:17	300	90	3.0	#112 Orion PMS	2	
0146.vso-19859	600	12:14	05:35:57.3	-06:15:37	300	90	3.0	#112 Orion PMS	2	
0147.COMP	12	12:24	05:35:57.3	-06:15:37	300	90	3.0	#112 Orion PMS	2	
0148.vso-19910	390	12:26	05:33:08.8	-05:23:09	300	90	3.0	#112 Orion PMS	2	
0149.COMP	12	12:33	05:33:08.8	-05:23:09	300	90	3.0	#112 Orion PMS	2	
0150.Hiltner600	60	12:35	06:42:37.2	02:11:25	300	90	3.0	#56 Spectropho	2	
0151.COMP	12	12:36	06:42:37.2	02:11:25	300	90	3.0	#56 Spectropho	2	
0152-0161.BIAS	0	12:41	06:42:37.2	02:11:25	300	90	3.0	#112 Orion PMS	4	
0162-0171.FLAT	6	12:43	06:42:37.2	02:11:25	300	90	3.0	#112 Orion PMS	4	
0172-0181.BIAS	0	12:46	06:42:37.2	02:11:25	300	90	3.0	#112 Orion PMS	2	
0182-0191.FLAT	12	12:51	06:42:37.2	02:11:25	300	90	3.0	#112 Orion PMS	2	
0192-0201.DARK	900	15:09	06:42:37.2	02:11:25	300	90	3.0	#112 Orion PMS	2	

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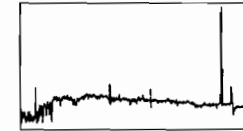
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0001.DARK	900	22:33	17:40:08.7	+31:29:51	300	90	3.0	#112 Orion PMS	4	
0002.DARK	900	22:48	17:55:18.0	+31:29:46	300	90	3.0	#112 Orion PMS	4	
0003.DARK	900	23:03	18:10:24.0	+31:29:41	300	90	3.0	#112 Orion PMS	4	
0004.DARK	900	23:19	18:25:33.0	+31:29:36	300	90	3.0	#112 Orion PMS	4	
0005.DARK	900	23:34	18:40:43.0	+31:29:31	300	90	3.0	#112 Orion PMS	4	
0006.DARK	900	23:49	18:55:52.9	+31:29:26	300	90	3.0	#112 Orion PMS	4	
0007.DARK	900	0:04	19:11:02.9	+31:29:21	300	90	3.0	#112 Orion PMS	4	
0008.DARK	900	0:19	19:26:12.6	+31:29:16	300	90	3.0	#112 Orion PMS	4	
0009.DARK	900	0:34	19:41:22.4	+31:29:12	300	90	3.0	#112 Orion PMS	4	
0010.DARK	900	0:49	19:56:28.5	+31:29:07	300	90	3.0	#112 Orion PMS	4	
0011-0020.BIAS	0	1:06	19:57:49.1	+31:29:07	300	90	3.0	#112 Orion PMS	4	
0021-0026.FLAT	6	1:07	19:59:26.7	+31:29:07	300	90	3.0	#112 Orion PMS	4	
0027-0030.FLAT	6	1:08	20:00:17.8	+31:29:06	300	90	3.0	#112 Orion PMS	4	
0031-0040.BIAS	0	1:11	20:02:55.7	+31:29:06	300	90	3.0	#112 Orion PMS	2	
0041-0046.FLAT	12	1:14	20:06:19.7	+31:29:05	300	90	3.0	#112 Orion PMS	2	
0047-0050.FLAT	12	1:15	20:08:01.1	+31:29:04	300	90	3.0	#112 Orion PMS	2	
0051.BDp284211	40	1:39	21:48:57.1	28:37:48	300	90	3.0	#56 Spectropho	4	
0052.BDp284211	40	1:40	21:48:57.1	28:37:48	300	90	3.0	#56 Spectropho	4	
0053.COMP	5	1:42	21:48:57.1	28:37:48	300	90	3.0	#56 Spectropho	4	
0054.BDp284211	40	1:45	21:48:57.1	28:37:48	300	90	3.0	#56 Spectropho	2	

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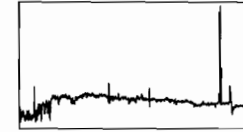
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0055.BDp284211	40	1:45	21:48:57.1	28:37:48	300	90	3.0	#56 Spectropho	2	
0056.COMP	12	1:47	21:48:57.1	28:37:48	300	90	3.0	#56 Spectropho	2	
0057.BDp284211	40	1:48	21:48:57.1	28:37:48	300	105	3.0	#56 Spectropho	2	
0058.BDp284211	40	1:49	21:48:57.1	28:37:48	300	105	3.0	#56 Spectropho	2	
0059.COMP	12	1:50	21:48:57.1	28:37:48	300	105	3.0	#56 Spectropho	2	
0060.TYC2600m612m1	90	1:52	17:23:39.8	35:27:57	300	90	3.0	#126 GRB	2	
0061.TYC2600m612m1	90	1:54	17:23:39.8	35:27:57	300	90	3.0	#126 GRB	2	
0062.TYC2600m612m1	90	1:55	17:23:39.8	35:27:57	300	90	3.0	#126 GRB	2	
0063.COMP	12	1:57	17:23:39.8	35:27:57	300	90	3.0	#126 GRB	2	
0064.BDp174708	15	2:17	00	00	00	00	00	00	300-44	
0065.BDp174708	15	2:17	00	00	00	00	00	00	300-44	
0066.COMP	12	2:18	00	00	00	00	00	00	300-44	
0067.AGDra	2	2:23	16:01:41	66:48:10	300	90	3.0	#12 Symbiotic	2	
0068.AGDra	15	2:23	16:01:41	66:48:10	300	90	3.0	#12 Symbiotic	2	
0069.AGDra	45	2:24	16:01:41	66:48:10	300	90	3.0	#12 Symbiotic	2	
0070.COMP	12	2:25	16:01:41	66:48:10	300	90	3.0	#12 Symbiotic	2	
0071.2MJ22282106+6414125	1080	2:31	22:28:21.0	+64:14:12	300	90	3.0	#68 2MASS Reds	2	
0072.COMP	12	2:49	22:28:21.0	+64:14:12	300	90	3.0	#68 2MASS Reds	2	
0073.2MJ20000957+2201495	600	2:52	20:00:09.5	+22:01:49	300	90	3.0	#68 2MASS Reds	2	row=74
0074.COMP	12	3:03	20:00:09.5	+22:01:49	300	90	3.0	#68 2MASS Reds	2	

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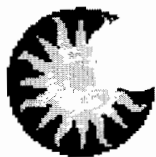
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0075.2MJ20022276+3937370	540	3:05	20:02:22.7	+39:37:37	300	110	3.0	#68 2MASS Reds	2	
0076.COMP	12	3:14	20:02:22.7	+39:37:37	300	110	3.0	#68 2MASS Reds	2	
0077.2MJ20113049+4209265	1200	3:17	20:11:30.4	+42:09:26	300	90	3.0	#68 2MASS Reds	2	row=77, seeing getting bad
0078.COMP	12	3:37	20:11:30.4	+42:09:26	300	90	3.0	#68 2MASS Reds	2	
0079.2MJ20113049+4209265	1200	3:40	20:11:30.4	+42:09:26	300	90	3.0	#68 2MASS Reds	2	row=75
0080.COMP	12	4:01	20:11:30.4	+42:09:26	300	90	3.0	#68 2MASS Reds	2	
0081.2MJ20125530+4310184	1200	4:06	20:12:55.3	+43:10:18	300	110	3.0	#68 2MASS Reds	2	row=75
0082.COMP	12	4:26	20:12:55.3	+43:10:18	300	110	3.0	#68 2MASS Reds	2	
0083.2MJ20125530+4310184	1200	4:27	20:12:55.3	+43:10:18	300	110	3.0	#68 2MASS Reds	2	row=75
0084.COMP	12	4:48	20:12:55.3	+43:10:18	300	110	3.0	#68 2MASS Reds	2	
0085.snmcg	1200	4:55	23:04:53.3	-06:32:12	300	14	3.0	#2 SN Observat	2	
0086.snmcg	1200	5:15	23:04:53.3	-06:32:12	300	14	3.0	#2 SN Observat	2	
0087.COMP	12	5:35	23:04:53.3	-06:32:12	300	14	3.0	#2 SN Observat	2	
0088.sn2003it	1020	5:40	00:05:48.4	27:27:09	300	52	3.0	#2 SN Observat	2	
0089.sn2003it	1020	5:57	00:05:48.4	27:27:09	300	52	3.0	#2 SN Observat	2	
0090.COMP	12	6:15	00:05:48.4	27:27:09	300	52	3.0	#2 SN Observat	2	
0091.sn2003iu	1200	6:20	01:55:24.5	21:17:06	300	-42	3.0	#2 SN Observat	2	
0092.COMP	12	6:41	01:55:24.5	21:17:06	300	-42	3.0	#2 SN Observat	2	
0093.2MJ01180282-0134199	480	6:47	01:18:02.8	-01:34:19	300	90	3.0	#68 2MASS Reds	2	
0094.COMP	12	6:55	01:18:02.8	-01:34:19	300	90	3.0	#68 2MASS Reds	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0095.2MJ01181295+5553004	540	6:58	01:18:12.9	+55:53:00	300	90	3.0	#68 2MASS Reds	2	
0096.COMP	12	7:07	01:18:12.9	+55:53:00	300	90	3.0	#68 2MASS Reds	2	
0097.2MJ01182761+1645044	300	7:09	01:18:27.6	+16:45:04	300	90	3.0	#68 2MASS Reds	2	
0098.COMP	12	7:14	01:18:27.6	+16:45:04	300	90	3.0	#68 2MASS Reds	2	
0099.2MJ01185943+4417110	300	7:16	01:18:59.4	+44:17:11	300	90	3.0	#68 2MASS Reds	2	
0100.COMP	12	7:21	01:18:59.4	+44:17:11	300	90	3.0	#68 2MASS Reds	2	
0101.2MJ01195754+5010106	240	7:23	01:19:57.5	+50:10:10	300	90	3.0	#68 2MASS Reds	2	
0102.COMP	12	7:27	01:19:57.5	+50:10:10	300	90	3.0	#68 2MASS Reds	2	
0103.2MJ01204303-1443556	480	7:29	01:20:43.0	-14:43:55	300	90	3.0	#68 2MASS Reds	2	
0104.COMP	12	7:38	01:20:43.0	-14:43:55	300	90	3.0	#68 2MASS Reds	2	
0105.2MJ01205488-1236162	240	7:39	01:20:54.8	-12:36:16	300	90	3.0	#68 2MASS Reds	2	
0106.COMP	12	7:43	01:20:54.8	-12:36:16	300	90	3.0	#68 2MASS Reds	2	
0107.2MJ01210516+5101030	540	7:46	01:21:05.1	+51:01:03	300	110	3.0	#68 2MASS Reds	2	
0108.COMP	12	7:55	01:21:05.1	+51:01:03	300	110	3.0	#68 2MASS Reds	2	
0109.2MJ01213870-0721222	240	7:58	01:21:38.7	-07:21:22	300	90	3.0	#68 2MASS Reds	2	
0110.COMP	12	8:02	01:21:38.7	-07:21:22	300	90	3.0	#68 2MASS Reds	2	
0111.2MJ01224216+5201127	300	8:05	01:22:42.1	+52:01:12	300	80	3.0	#68 2MASS Reds	2	
0112.COMP	12	8:10	01:22:42.1	+52:01:12	300	80	3.0	#68 2MASS Reds	2	
0113.2MJ01235867+4452091	210	8:11	01:23:58.6	+44:52:09	300	80	3.0	#68 2MASS Reds	2	
0114.COMP	12	8:15	01:23:58.6	+44:52:09	300	80	3.0	#68 2MASS Reds	2	

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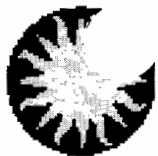
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0115.2MJ01260938+1908229	240	8:17	01:26:09.3	+19:08:22	300	90	3.0	#68 2MASS Reds	2	
0116.COMP	12	8:21	01:26:09.3	+19:08:22	300	90	3.0	#68 2MASS Reds	2	
0117.2MJ01262742-1306009	270	8:23	01:26:27.4	-13:06:00	300	110	3.0	#68 2MASS Reds	2	
0118.COMP	12	8:28	01:26:27.4	-13:06:00	300	110	3.0	#68 2MASS Reds	2	
0119.2MJ01263363+0811249	210	8:30	01:26:33.6	+08:11:24	300	90	3.0	#68 2MASS Reds	2	
0120.COMP	12	8:34	01:26:33.6	+08:11:24	300	90	3.0	#68 2MASS Reds	2	
0121.2MJ01275549-1506418	210	8:36	01:27:55.4	-15:06:41	300	90	3.0	#68 2MASS Reds	2	
0122.COMP	12	8:40	01:27:55.4	-15:06:41	300	90	3.0	#68 2MASS Reds	2	close for dust!
0123.FineFoc	60	10:54	06:04:01.8	31:37:54	300	90	3.0	#56 Spectropho	1	
0124.2MJ05202170+4537453	660	11:03	05:20:21.7	+45:37:45	300	90	3.0	#68 2MASS Reds	2	row=73
0125.COMP	12	11:15	05:20:21.7	+45:37:45	300	90	3.0	#68 2MASS Reds	2	
0126.2MJ05285066+4224221	480	11:17	05:28:50.6	+42:24:22	300	90	3.0	#68 2MASS Reds	2	row=71
0127.COMP	12	11:26	05:28:50.6	+42:24:22	300	90	3.0	#68 2MASS Reds	2	
0128.2MJ05353376+4057582	300	11:27	05:35:33.7	+40:57:58	300	90	3.0	#68 2MASS Reds	2	
0129.COMP	12	11:33	05:35:33.7	+40:57:58	300	90	3.0	#68 2MASS Reds	2	
0130.2MJ05402025+2500485	1200	11:35	05:40:20.2	+25:00:48	300	100	3.0	#68 2MASS Reds	2	
0131.COMP	12	11:55	05:40:20.2	+25:00:48	300	100	3.0	#68 2MASS Reds	2	
0132.2MJ05404954+2400305	780	11:57	05:40:49.5	+24:00:30	300	110	3.0	#68 2MASS Reds	2	
0133.COMP	12	12:10	05:40:49.5	+24:00:30	300	110	3.0	#68 2MASS Reds	2	
0134.2MJ05451158+2115474	720	12:12	05:45:11.5	+21:15:47	300	110	3.0	#68 2MASS Reds	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0135.COMP	12	12:24	05:45:11.5	+21:15:47	300	110	3.0	#68 2MASS Reds	2	
0136.HD52071	2	12:26	06:57:51	+27:13:42	300	110	3.0	#57 Velocity S	2	
0137.COMP	12	12:27	06:57:51	+27:13:42	300	110	3.0	#57 Velocity S	2	
0138.Hiltner600	40	12:30	06:42:37.2	02:11:25	300	90	3.0	#56 Spectropho	2	
0139.Hiltner600	40	12:30	06:42:37.2	02:11:25	300	90	3.0	#56 Spectropho	2	
0140.COMP	12	12:32	06:42:37.2	02:11:25	300	90	3.0	#56 Spectropho	2	
0141-0150.BIAS	0	12:35	06:42:37.2	02:11:25	300	90	3.0	#56 Spectropho	4	
0151-0160.FLAT	6	12:38	06:42:37.2	02:11:25	300	90	3.0	#56 Spectropho	4	
0161-0170.BIAS	0	12:41	06:42:37.2	02:11:25	300	90	3.0	#56 Spectropho	2	
0171-0180.FLAT	12	12:47	06:42:37.2	02:11:25	300	90	3.0	#56 Spectropho	2	
0181-0190.DARK	900	15:06	06:42:37.2	02:11:25	300	90	3.0	#56 Spectropho	2	

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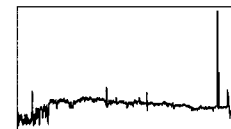
<i>File</i>	<i>Exp Time</i>	<i>UT Start</i>	<i>RA</i>	<i>Dec</i>	<i>Gr.</i>	<i>P.A.</i>	<i>Slit</i>	<i>Program</i>	<i>Bin</i>	<i>Comments</i>
0001-0010.DARK	900	0:37	06:42:37.2	02:11:25	300	90	3.0	#56 Spectropho	4	
0011-0020.BIAS	0	0:53	06:42:37.2	02:11:25	300	90	3.0	#56 Spectropho	4	
0021-0030.FLAT	6	0:56	06:42:37.2	02:11:25	300	90	3.0	#56 Spectropho	4	
0031-0040.BIAS	0	0:58	06:42:37.2	02:11:25	300	90	3.0	#56 Spectropho	2	
0041-0050.FLAT	12	1:03	06:42:37.2	02:11:25	300	90	3.0	#56 Spectropho	2	

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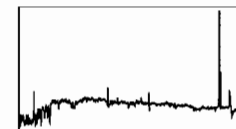
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001-0010.BIAS	0	0:24	19:23:57.9	+31:29:17	300	90	3.0	#56 Spectropho	4	
0011-0015.FLAT	8	0:26	19:25:43.9	+31:29:17	300	90	3.0	#56 Spectropho	4	
0016-0020.FLAT	8	0:27	19:27:29.9	+31:29:16	300	90	3.0	#56 Spectropho	4	
0021-0027.BIAS	0	0:29	19:29:03.7	+31:29:16	300	90	3.0	#56 Spectropho	2	
0028-0030.BIAS	0	0:30	19:29:41.9	+31:29:15	300	90	3.0	#56 Spectropho	2	
0031-0034.FLAT	16	0:32	19:32:10.2	+31:29:15	300	90	3.0	#56 Spectropho	2	
0035-0039.FLAT	16	0:35	19:35:08.9	+31:29:14	300	90	3.0	#56 Spectropho	2	
0040.FLAT	16	0:35	19:35:43.4	+31:29:13	300	90	3.0	#56 Spectropho	2	
0041.sky	3	0:55	19:45:00	32:00:00	300	90	3.0	#57 Velocity S	4	lots of clouds
0042-0045.sky	3	0:56	19:45:00	32:00:00	300	90	3.0	#57 Velocity S	4	
0046.COMP	5	0:56	19:45:00	32:00:00	300	90	3.0	#57 Velocity S	4	
0047.TYC2600m612m1	180	1:45	17:23:39.8	35:27:57	300	90	3.0	#126 GRB	2	
0048.TYC2600m612m1	180	1:48	17:23:39.8	35:27:57	300	90	3.0	#126 GRB	2	
0049.COMP	10	1:51	17:23:39.8	35:27:57	300	90	3.0	#126 GRB	2	
0050.RSOph	30	1:53	17:50:13	-06:42:30	300	46	3.0	#12 Symbiotic	4	
0051.RSOph	300	1:54	17:50:13	-06:42:30	300	46	3.0	#12 Symbiotic	4	
0052.COMP	5	1:59	17:50:13	-06:42:30	300	46	3.0	#12 Symbiotic	4	
0053.BDp284211	150	2:07	21:48:57.1	28:37:48	300	90	3.0	#56 Spectropho	2	weak
0054.COMP	10	2:10	21:48:57.1	28:37:48	300	90	3.0	#56 Spectropho	2	
0055.BDp174708	180	2:14	22:11:31.3	+18:05:34	300	90	3.0	#56 Spectropho	2	weak

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0056.COMP	10	2:17	22:11:31.3	+18:05:34	300	90	3.0	#56 Spectropho	2	
0057.ZAnd	15	2:18	23:33:40	48:49:06	300	90	3.0	#12 Symbiotic	4	
0058.ZAnd	8	2:19	23:33:40	48:49:06	300	90	3.0	#12 Symbiotic	4	
0059.ZAnd	60	2:19	23:33:40	48:49:06	300	90	3.0	#12 Symbiotic	4	
0060.ZAnd	150	2:20	23:33:40	48:49:06	300	90	3.0	#12 Symbiotic	4	
0061.COMP	5	2:23	23:33:40	48:49:06	300	90	3.0	#12 Symbiotic	4	
0062.BDp284211	150	3:26	21:48:57.1	28:37:48	300	90	3.0	#56 Spectropho	2	ok
0063.BDp284211	150	3:29	21:48:57.1	28:37:48	300	90	3.0	#56 Spectropho	2	
0064.COMP	10	3:32	21:48:57.1	28:37:48	300	90	3.0	#56 Spectropho	2	
0065.BDp174708	90	3:33	22:11:31.3	+18:05:34	300	90	3.0	#56 Spectropho	2	ok
0066.BDp174708	90	3:34	22:11:31.3	+18:05:34	300	90	3.0	#56 Spectropho	2	
0067.COMP	10	3:36	22:11:31.3	+18:05:34	300	90	3.0	#56 Spectropho	2	
0068.Akn564	420	3:37	22:42:39.4	+29:43:31	300	90	3.0	#6 AGN Monitor	2	
0069.Akn564	420	3:44	22:42:39.4	+29:43:31	300	90	3.0	#6 AGN Monitor	2	
0070.COMP	10	3:52	22:42:39.4	+29:43:31	300	90	3.0	#6 AGN Monitor	2	
0071.N7469	300	3:54	23:03:15.7	+08:52:27	300	0	3.0	#6 AGN Monitor	2	
0072.N7469	300	3:59	23:03:15.7	+08:52:27	300	0	3.0	#6 AGN Monitor	2	
0073.COMP	10	4:04	23:03:15.7	+08:52:27	300	0	3.0	#6 AGN Monitor	2	stopped by clouds
0074.sn2003X1	1200	7:22	23:21:03.3	-04:53:45	300	50	3.0	#2 SN Observat	2	
0075.COMP	10	7:43	23:21:03.3	-04:53:45	300	50	3.0	#2 SN Observat	2	

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File	Exp Time	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0076.sn2003it	1200	00:05:48.4	27:27:09	300	73	3.0	#2 SN Observat	2	
0077.COMP	10	00:05:48.4	27:27:09	300	73	3.0	#2 SN Observat	2	
0078.sn2003iu	1200	01:55:24.5	21:17:06	300	60	3.0	#2 SN Observat	2	
0079.COMP	10	01:55:24.5	21:17:06	300	60	3.0	#2 SN Observat	2	
0080.cairnsk4_107	720	2:52:30.3	43:52:14	300	90	3.0	#64 Cluster In	4	high winds, poor seeing, clouds
0081.COMP	5	2:52:30.3	43:52:14	300	90	3.0	#64 Cluster In	4	
0082.cairnsk4_108	720	2:55:48.4	36:40:49	300	90	3.0	#64 Cluster In	4	
0083.COMP	5	2:55:48.4	36:40:49	300	90	3.0	#64 Cluster In	4	
0084.cairnsk4_101	720	2:54:10.8	39:0:35	300	60	3.0	#64 Cluster In	4	
0085.COMP	5	2:54:10.8	39:0:35	300	60	3.0	#64 Cluster In	4	
0086.cairnsk4_102	600	3:4:14	44:41:29	300	90	3.0	#64 Cluster In	4	
0087.COMP	5	3:4:14	44:41:29	300	90	3.0	#64 Cluster In	4	
0088.cairnsk4_103	420	3:15:11.7	34:17:29	300	90	3.0	#64 Cluster In	4	
0089.COMP	5	3:15:11.7	34:17:29	300	90	3.0	#64 Cluster In	4	
0090.cairnsk4_104	1200	3:17:31.6	37:2:46	300	90	3.0	#64 Cluster In	4	
0091.COMP	5	3:17:31.6	37:2:46	300	90	3.0	#64 Cluster In	4	
0092.vso-19968	420	05:36:36.1	-05:55:28	300	0	3.0	#112 Orion PMS	4	
0093.COMP	5	05:36:36.1	-05:55:28	300	0	3.0	#112 Orion PMS	4	
0094.vso-20027	600	05:36:40.4	-06:13:33	300	0	3.0	#112 Orion PMS	4	
0095.COMP	5	05:36:40.4	-06:13:33	300	0	3.0	#112 Orion PMS	4	

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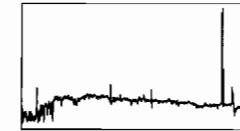
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0096.vso-20032	900	10:15	05:35:59.2	-04:58:46	300	0	3.0	#112 Orion PMS	4	
0097.COMP	5	10:30	05:35:59.2	-04:58:46	300	0	3.0	#112 Orion PMS	4	
0098.Akn120	360	10:31	05:13:38.0	-00:12:15	300	7	3.0	#6 AGN Monitor	4	
0099.COMP	5	10:38	05:13:38.0	-00:12:15	300	7	3.0	#6 AGN Monitor	4	
0100.vso-20114	1200	10:39	05:36:49.0	-05:56:48	300	7	3.0	#112 Orion PMS	4	
0101.COMP	5	10:59	05:36:49.0	-05:56:48	300	7	3.0	#112 Orion PMS	4	
0102.cairnsk4_121	480	11:30	3:21:18.3	40:37:37	300	90	3.0	#64 Cluster In	4	
0103.COMP	5	11:39	3:21:18.3	40:37:37	300	90	3.0	#64 Cluster In	4	
0104.cairnsk4_122	480	11:39	3:28:18.7	41:44:56	300	90	3.0	#64 Cluster In	4	
0105.COMP	5	11:48	3:28:18.7	41:44:56	300	90	3.0	#64 Cluster In	4	
0106.cairnsk4_124	600	11:48	3:43:21.7	40:8:50	300	90	3.0	#64 Cluster In	4	
0107.COMP	5	11:59	3:43:21.7	40:8:50	300	90	3.0	#64 Cluster In	4	
0108-0117.BIAS	0	12:04	08:49:22.2	+36:42:56	300	90	3.0	#56 Spectropho	4	
0118-0127.FLAT	8	12:08	08:49:22.2	+36:42:56	300	90	3.0	#56 Spectropho	4	
0128-0137.BIAS	0	12:10	08:49:22.2	+36:42:56	300	90	3.0	#56 Spectropho	2	
0138-0147.FLAT	16	12:16	08:49:22.2	+36:42:56	300	90	3.0	#56 Spectropho	2	
0148-0157.DARK	900	14:34	08:49:22.2	+36:42:56	300	90	3.0	#56 Spectropho	4	
0158-0167.DARK	900	17:07	08:49:22.2	+36:42:56	300	90	3.0	#56 Spectropho	2	



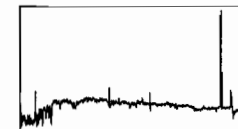
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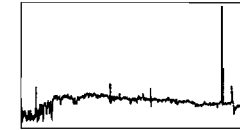
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001-0010.BIAS	0	0:24	08:49:22.2	+36:42:56	300	90	3.0	#56 Spectropho	4	
0011-0020.FLAT	8	0:28	08:49:22.2	+36:42:56	300	90	3.0	#56 Spectropho	4	
0021-0030.BIAS	0	0:30	08:49:22.2	+36:42:56	300	90	3.0	#56 Spectropho	2	
0031-0040.FLAT	16	0:36	08:49:22.2	+36:42:56	300	90	3.0	#56 Spectropho	2	
0041.sky	3	0:54	19:48:00	32:00:00	300	90	3.0	#57 Velocity S	4	thin clouds all over
0042-0045.sky	3	0:55	19:48:00	32:00:00	300	90	3.0	#57 Velocity S	4	
0046.COMP	5	0:56	19:48:00	32:00:00	300	90	3.0	#57 Velocity S	4	
0047.HD192281	5	1:20	20:10:46.8	40:07:01	300	90	3.0	#56 Spectropho	2	moon
0048.HD192281	5	1:21	20:10:46.8	40:07:01	300	90	3.0	#56 Spectropho	2	
0049.HD192281	5	1:21	20:10:46.8	40:07:01	300	90	3.0	#56 Spectropho	2	
0050.COMP	10	1:22	20:10:46.8	40:07:01	300	90	3.0	#56 Spectropho	2	
0051.YYHer	25	1:24	18:14:34	20:59:19	300	65	3.0	#12 Symbiotic	4	
0052.YYHer	75	1:24	18:14:34	20:59:19	300	65	3.0	#12 Symbiotic	4	
0053.YYHer	180	1:26	18:14:34	20:59:19	300	65	3.0	#12 Symbiotic	4	
0054.COMP	5	1:30	18:14:34	20:59:19	300	65	3.0	#12 Symbiotic	4	
0055.TYC2600m612m1	90	1:32	17:23:39.8	35:27:57	300	82	3.0	#126 GRB	2	
0056.TYC2600m612m1	90	1:33	17:23:39.8	35:27:57	300	82	3.0	#126 GRB	2	
0057.TYC2600m612m1	90	1:35	17:23:39.8	35:27:57	300	82	3.0	#126 GRB	2	
0058.COMP	10	1:37	17:23:39.8	35:27:57	300	82	3.0	#126 GRB	2	
0059.MRK509	180	1:40	20:44:09.8	-10:43:24	300	0	3.0	#6 AGN Monitor	4	

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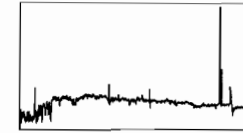
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0060.MRK509	180	1:43	20:44:09.8	-10:43:24	300	0	3.0	#6 AGN Monitor	4	
0061.COMP	5	1:46	20:44:09.8	-10:43:24	300	0	3.0	#6 AGN Monitor	4	
0062.2MJ20045328-1646048	300	1:47	20:04:53.2	-16:46:04	300	0	3.0	#68 2MASS Reds	4	
0063.COMP	5	1:52	20:04:53.2	-16:46:04	300	0	3.0	#68 2MASS Reds	4	
0064.2MJ20051380-1247305	360	1:53	20:05:13.8	-12:47:30	300	0	3.0	#68 2MASS Reds	4	
0065.COMP	5	1:59	20:05:13.8	-12:47:30	300	0	3.0	#68 2MASS Reds	4	
0066.2MJ20071248-1752485	540	2:00	20:07:12.4	-17:52:48	300	0	3.0	#68 2MASS Reds	4	
0067.COMP	5	2:10	20:07:12.4	-17:52:48	300	0	3.0	#68 2MASS Reds	4	
0068.2MJ20052559-0645596	540	2:10	20:05:25.5	-06:45:59	300	0	3.0	#68 2MASS Reds	4	
0069.COMP	5	2:20	20:05:25.5	-06:45:59	300	0	3.0	#68 2MASS Reds	4	
0070.2MJ20004918+0633196	240	2:21	20:00:49.1	+06:33:19	300	90	3.0	#68 2MASS Reds	4	
0071.COMP	5	2:25	20:00:49.1	+06:33:19	300	90	3.0	#68 2MASS Reds	4	
0072.2MJ20010239+0156060	240	2:26	20:01:02.3	+01:56:06	300	90	3.0	#68 2MASS Reds	4	
0073.COMP	5	2:30	20:01:02.3	+01:56:06	300	90	3.0	#68 2MASS Reds	4	
0074.2MJ20023539+1457045	420	2:31	20:02:35.3	+14:57:04	300	90	3.0	#68 2MASS Reds	4	
0075.COMP	5	2:38	20:02:35.3	+14:57:04	300	90	3.0	#68 2MASS Reds	4	
0076.BDp284211	60	2:39	21:48:57.1	28:37:48	300	90	3.0	#56 Spectropho	2	
0077.BDp284211	60	2:41	21:48:57.1	28:37:48	300	90	3.0	#56 Spectropho	2	
0078.BDp284211	60	2:42	21:48:57.1	28:37:48	300	90	3.0	#56 Spectropho	2	
0079.COMP	10	2:43	21:48:57.1	28:37:48	300	90	3.0	#56 Spectropho	2	

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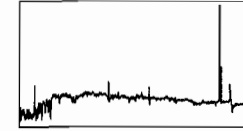
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0080.2MJ20124741-0912441	600	2:45	20:12:47.4	-09:12:44	300	90	3.0	#68 2MASS Reds	4	
0081.COMP	5	2:55	20:12:47.4	-09:12:44	300	90	3.0	#68 2MASS Reds	4	
0082.2MJ20132126-1359071	270	2:56	20:13:21.2	-13:59:07	300	90	3.0	#68 2MASS Reds	4	
0083.COMP	5	3:01	20:13:21.2	-13:59:07	300	90	3.0	#68 2MASS Reds	4	
0084.2MJ20143352-0827533	480	3:01	20:14:33.5	-08:27:53	300	90	3.0	#68 2MASS Reds	4	
0085.COMP	5	3:09	20:14:33.5	-08:27:53	300	90	3.0	#68 2MASS Reds	4	
0086.2MJ20143427-1216148	240	3:10	20:14:34.2	-12:16:14	300	90	3.0	#68 2MASS Reds	4	
0087.COMP	5	3:14	20:14:34.2	-12:16:14	300	90	3.0	#68 2MASS Reds	4	
0088.2MJ20144935-1447457	270	3:15	20:14:49.3	-14:47:45	300	90	3.0	#68 2MASS Reds	4	
0089.COMP	5	3:20	20:14:49.3	-14:47:45	300	90	3.0	#68 2MASS Reds	4	
0090.2MJ20144323-0700345	180	3:20	20:14:43.2	-07:00:34	300	90	3.0	#68 2MASS Reds	4	
0091.COMP	5	3:24	20:14:43.2	-07:00:34	300	90	3.0	#68 2MASS Reds	4	
0092.BDp174708	30	3:26	22:11:31.3	+18:05:34	300	18	3.0	#56 Spectropho	2	sky pretty good
0093.BDp174708	30	3:27	22:11:31.3	+18:05:34	300	18	3.0	#56 Spectropho	2	
0094.BDp174708	30	3:27	22:11:31.3	+18:05:34	300	18	3.0	#56 Spectropho	2	
0095.COMP	10	3:28	22:11:31.3	+18:05:34	300	18	3.0	#56 Spectropho	2	
0096.231230p12520_a	1200	3:30	23:15:3.1	13:9:28	300	90	3.0	#113 Interacti	2	
0097.COMP	10	3:50	23:15:3.1	13:9:28	300	90	3.0	#113 Interacti	2	
0098.231712p08170_a	720	3:51	23:19:44.2	8:34:36	300	90	3.0	#113 Interacti	2	
0099.COMP	10	4:04	23:19:44.2	8:34:36	300	90	3.0	#113 Interacti	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0100.sn2003jd	1200	4:06	23:21:03.3	-04:53:45	300	0	3.0	#2 SN Observat	2	
0101.COMP	10	4:26	23:21:03.3	-04:53:45	300	0	3.0	#2 SN Observat	2	
0102.233612p08470_ax	1200	4:30	23:38:42.0	9:3:25	300	110	3.0	#113 Interacti	2	gal a at row 83, comp x at row 66
0103.COMP	10	4:50	23:38:42.0	9:3:25	300	110	3.0	#113 Interacti	2	
0104.sn2003it	1200	4:52	00:05:48.4	27:27:09	300	90	3.0	#2 SN Observat	2	
0105.COMP	10	5:12	00:05:48.4	27:27:09	300	90	3.0	#2 SN Observat	2	
0106.2MJ22070282+5122417	360	5:15	22:07:02.8	+51:22:41	300	90	3.0	#68 2MASS Reds	4	
0107.COMP	5	5:22	22:07:02.8	+51:22:41	300	90	3.0	#68 2MASS Reds	4	
0108.2MJ22071018+5224388	300	5:22	22:07:10.1	+52:24:38	300	90	3.0	#68 2MASS Reds	4	
0109.COMP	5	5:28	22:07:10.1	+52:24:38	300	90	3.0	#68 2MASS Reds	4	
0110.2MJ22071695+5224538	420	5:28	22:07:16.9	+52:24:53	300	90	3.0	#68 2MASS Reds	4	
0111.COMP	5	5:35	22:07:16.9	+52:24:53	300	90	3.0	#68 2MASS Reds	4	
0112.2MJ22370933+5358339	900	5:37	22:37:09.3	+53:58:33	300	90	3.0	#68 2MASS Reds	4	
0113.COMP	5	5:52	22:37:09.3	+53:58:33	300	90	3.0	#68 2MASS Reds	4	
0114.2MJ22465579+5447412	900	5:53	22:46:55.7	+54:47:41	300	90	3.0	#68 2MASS Reds	4	
0115.COMP	5	6:08	22:46:55.7	+54:47:41	300	90	3.0	#68 2MASS Reds	4	
0116.2MJ23405398+5706067	420	6:09	23:40:53.9	+57:06:06	300	90	3.0	#68 2MASS Reds	4	
0117.COMP	5	6:16	23:40:53.9	+57:06:06	300	90	3.0	#68 2MASS Reds	4	
0118.2MJ00325766+5844401	720	6:17	00:32:57.6	+58:44:40	300	90	3.0	#68 2MASS Reds	4	
0119.COMP	5	6:29	00:32:57.6	+58:44:40	300	90	3.0	#68 2MASS Reds	4	

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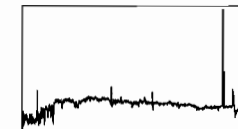
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0120.2MJ00385855+5927568	60	6:30	00:38:58.5	+59:27:56	300	90	3.0	#68 2MASS Reds	4	south star, strong H-alpha
0121.2MJ00385855+5927568n	30	6:32	00:38:58.5	+59:27:56	300	90	3.0	#68 2MASS Reds	4	north star, H-alpha
0122.COMP	5	6:33	00:38:58.5	+59:27:56	300	90	3.0	#68 2MASS Reds	4	
0123.sn2003iu	1200	6:36	01:55:24.5	21:17:06	300	90	3.0	#2 SN Observat	2	
0124.COMP	10	6:56	01:55:24.5	21:17:06	300	90	3.0	#2 SN Observat	2	
0125.cairnsk4_115	300	6:57	3:3:55.6	41:48:19	300	90	3.0	#64 Cluster In	4	
0126.COMP	5	7:02	3:3:55.6	41:48:19	300	90	3.0	#64 Cluster In	4	
0127.cairnsk4_109	300	7:03	3:13:54	43:42:55	300	90	3.0	#64 Cluster In	4	
0128.COMP	5	7:08	3:13:54	43:42:55	300	90	3.0	#64 Cluster In	4	
0129.cairnsk4_110	330	7:09	3:15:35.9	37:54:46	300	90	3.0	#64 Cluster In	4	
0130.COMP	5	7:15	3:15:35.9	37:54:46	300	90	3.0	#64 Cluster In	4	
0131.cairnsk4_111	420	7:15	3:29:59.1	36:27:54	300	90	3.0	#64 Cluster In	4	
0132.COMP	5	7:23	3:29:59.1	36:27:54	300	90	3.0	#64 Cluster In	4	
0133.cairnsk4_112	420	7:23	3:35:30.3	38:16:59	300	90	3.0	#64 Cluster In	4	
0134.COMP	5	7:30	3:35:30.3	38:16:59	300	90	3.0	#64 Cluster In	4	
0135.cairnsk4_113	300	7:31	3:39:25	38:50:47	300	90	3.0	#64 Cluster In	4	
0136.COMP	5	7:36	3:39:25	38:50:47	300	90	3.0	#64 Cluster In	4	
0137.MRK335	150	7:38	00:06:19.6	+20:12:11	300	65	3.0	#6 AGN Monitor	4	
0138.MRK335	150	7:40	00:06:19.6	+20:12:11	300	65	3.0	#6 AGN Monitor	4	
0139.COMP	5	7:43	00:06:19.6	+20:12:11	300	65	3.0	#6 AGN Monitor	4	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0140.sn2003iv	1200	7:45	02:50:07.2	12:50:46	300	5	3.0	#2 SN Observat	2	
0141.COMP	10	8:06	02:50:07.2	12:50:46	300	5	3.0	#2 SN Observat	2	
0142.cairnsk4_105	1200	8:08	3:46:49	45:24:43	300	90	3.0	#64 Cluster In	4	em
0143.COMP	5	8:28	3:46:49	45:24:43	300	90	3.0	#64 Cluster In	4	
0144.cairnsk4_106	1200	8:29	3:48:25.2	38:38:17	300	90	3.0	#64 Cluster In	4	
0145.COMP	5	8:49	3:48:25.2	38:38:17	300	90	3.0	#64 Cluster In	4	
0146.cairnsk4_114	900	8:50	3:53:33.7	46:14:5	300	90	3.0	#64 Cluster In	4	
0147.COMP	5	9:05	3:53:33.7	46:14:5	300	90	3.0	#64 Cluster In	4	
0148.cairnsk4_116	360	9:07	3:30:11.3	43:0:5	300	90	3.0	#64 Cluster In	4	
0149.COMP	5	9:13	3:30:11.3	43:0:5	300	90	3.0	#64 Cluster In	4	
0150.cairnsk4_123	480	9:14	3:39:0.4	41:38:27	300	70	3.0	#64 Cluster In	4	
0151.COMP	5	9:22	3:39:0.4	41:38:27	300	70	3.0	#64 Cluster In	4	
0152.cairnsk4_125	300	9:23	2:43:57.4	38:48:2	300	70	3.0	#64 Cluster In	4	
0153.COMP	5	9:28	2:43:57.4	38:48:2	300	70	3.0	#64 Cluster In	4	
0154.cairnsk4_126	480	9:29	2:56:23.8	45:58:7	300	70	3.0	#64 Cluster In	4	
0155.COMP	5	9:37	2:56:23.8	45:58:7	300	70	3.0	#64 Cluster In	4	
0156.NGC1700	150	9:39	04:56:58.1	-04:52:23	300	-10	3.0	#57 Velocity S	4	
0157.COMP	5	9:42	04:56:58.1	-04:52:23	300	-10	3.0	#57 Velocity S	4	
0158.vso-20055	660	9:43	05:36:42.0	-06:07:05	300	-10	3.0	#112 Orion PMS	4	
0159.COMP	5	9:55	05:36:42.0	-06:07:05	300	-10	3.0	#112 Orion PMS	4	

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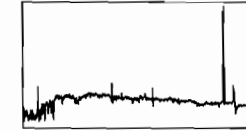
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0160.vso-20086	600	9:55	05:36:43.9	-05:58:31	300	-10	3.0	#112 Orion PMS	4	
0161.COMP	5	10:06	05:36:43.9	-05:58:31	300	-10	3.0	#112 Orion PMS	4	
0162.vso-20173	240	10:06	05:37:07.7	-05:52:54	300	-10	3.0	#112 Orion PMS	4	
0163.COMP	5	10:10	05:37:07.7	-05:52:54	300	-10	3.0	#112 Orion PMS	4	
0164.vso-20227	600	10:11	05:37:18.8	-06:09:40	300	-10	3.0	#112 Orion PMS	4	
0165.COMP	5	10:21	05:37:18.8	-06:09:40	300	-10	3.0	#112 Orion PMS	4	
0166.vso-20301	720	10:22	05:37:28.6	-06:08:27	300	0	3.0	#112 Orion PMS	4	
0167.COMP	5	10:34	05:37:28.6	-06:08:27	300	0	3.0	#112 Orion PMS	4	
0168.vso-20305	720	10:35	05:37:29.6	-05:48:22	300	0	3.0	#112 Orion PMS	4	
0169.COMP	5	10:47	05:37:29.6	-05:48:22	300	0	3.0	#112 Orion PMS	4	
0170.vso-20328	330	10:48	05:37:33.1	-05:58:20	300	0	3.0	#112 Orion PMS	4	
0171.COMP	5	10:54	05:37:33.1	-05:58:20	300	0	3.0	#112 Orion PMS	4	
0172.vso-20376	600	10:54	05:37:45.7	-05:53:07	300	0	3.0	#112 Orion PMS	4	
0173.COMP	5	11:05	05:37:45.7	-05:53:07	300	0	3.0	#112 Orion PMS	4	
0174.vso-20494	600	11:06	05:34:14.9	-05:15:49	300	15	3.0	#112 Orion PMS	4	strong nebular em lines in field, Orion neb
0175.COMP	5	11:16	05:34:14.9	-05:15:49	300	15	3.0	#112 Orion PMS	4	
0176.vso-20495	240	11:18	05:38:41.2	-05:55:15	300	15	3.0	#112 Orion PMS	4	
0177.COMP	5	11:22	05:38:41.2	-05:55:15	300	15	3.0	#112 Orion PMS	4	
0178.vso-20498	330	11:23	05:34:17.9	-05:33:33	300	15	3.0	#112 Orion PMS	4	
0179.COMP	5	11:28	05:34:17.9	-05:33:33	300	15	3.0	#112 Orion PMS	4	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0180.vso-20514	540	11:29	05:34:27.9	-05:26:34	300	15	3.0	#112 Orion PMS	4	
0181.COMP	5	11:39	05:34:27.9	-05:26:34	300	15	3.0	#112 Orion PMS	4	
0182.vso-20518	480	11:40	05:34:29.0	-05:14:14	300	15	3.0	#112 Orion PMS	4	
0183.COMP	5	11:48	05:34:29.0	-05:14:14	300	15	3.0	#112 Orion PMS	4	
0184.FUOri	30	11:54	05:45:22.6	+09:04:12	300	35	3.0	#112 Orion PMS	4	
0185.FUOri	30	11:55	05:45:22.6	+09:04:12	300	35	3.0	#112 Orion PMS	4	
0186.FUOri	10	11:55	05:45:22.6	+09:04:12	300	35	3.0	#112 Orion PMS	4	
0187.COMP	5	11:56	05:45:22.6	+09:04:12	300	35	3.0	#112 Orion PMS	4	
0188.Hiltner600	60	11:57	06:42:37.2	02:11:25	300	8	3.0	#56 Spectropho	2	
0189.Hiltner600	60	11:59	06:42:37.2	02:11:25	300	8	3.0	#56 Spectropho	2	
0190.Hiltner600	60	12:00	06:42:37.2	02:11:25	300	8	3.0	#56 Spectropho	2	
0191.COMP	10	12:01	06:42:37.2	02:11:25	300	8	3.0	#56 Spectropho	2	
0192.Phoebe	900	12:03	06:54:24	22:03:23	300	8	3.0	#99 Director P	4	test exposure for Tommy Grav
0193.COMP	5	12:19	06:54:24	22:03:23	300	8	3.0	#99 Director P	4	
0194.ZCMa	10	12:20	07:03:43.1	-11:33:06	300	8	3.0	#112 Orion PMS	4	
0195.ZCMa	10	12:21	07:03:43.1	-11:33:06	300	8	3.0	#112 Orion PMS	4	
0196.ZCMa	2	12:23	07:03:43.1	-11:33:06	300	8	3.0	#112 Orion PMS	4	
0197.COMP	5	12:24	07:03:43.1	-11:33:06	300	8	3.0	#112 Orion PMS	4	
0198.MRK110	300	12:27	09:25:12.9	+52:17:10	300	55	3.0	#6 AGN Monitor	2	
0199.COMP	10	12:32	09:25:12.9	+52:17:10	300	55	3.0	#6 AGN Monitor	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0200.FineFoc	60	12:34	06:04:01.8	31:37:54	300	90	3.0	#99 Director P	1	failed again
0201.test	8	12:39	06:04:01.8	31:37:54	300	90	3.0	#99 Director P	2	
0202-0211.BIAS	0	12:41	06:04:01.8	31:37:54	300	90	3.0	#99 Director P	4	
0212.FLAT	8	12:41	06:04:01.8	31:37:54	300	90	3.0	#99 Director P	4	looks good
0213-0221.FLAT	8	12:45	06:04:01.8	31:37:54	300	90	3.0	#99 Director P	4	
0222-0231.BIAS	0	12:47	06:04:01.8	31:37:54	300	90	3.0	#99 Director P	2	
0232-0241.FLAT	16	12:53	06:04:01.8	31:37:54	300	90	3.0	#99 Director P	2	
0242-0251.DARK	900	15:11	06:04:01.8	31:37:54	300	90	3.0	#99 Director P	4	
0252-0261.DARK	900	17:43	06:04:01.8	31:37:54	300	90	3.0	#99 Director P	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001-0005.DARK	1200	0:13	06:04:01.8	31:37:54	300	90	3.0	#99 Director P	2	
0006-0015.BIAS	0	0:35	06:04:01.8	31:37:54	300	90	3.0	#99 Director P	4	
0016-0025.FLAT	8	0:38	06:04:01.8	31:37:54	300	90	3.0	#99 Director P	4	
0026-0035.BIAS	0	0:40	06:04:01.8	31:37:54	300	90	3.0	#99 Director P	2	
0036-0045.FLAT	16	0:46	06:04:01.8	31:37:54	300	90	3.0	#99 Director P	2	
0046-0050.sky	3	0:55	20:00:00	32:00:00	300	90	3.0	#57 Velocity S	4	
0051.COMP	5	0:55	20:00:00	32:00:00	300	90	3.0	#57 Velocity S	4	
0052.HD192281	5	1:21	20:10:46.8	40:07:01	300	90	3.0	#56 Spectropho	2	
0053.HD192281	5	1:21	20:10:46.8	40:07:01	300	90	3.0	#56 Spectropho	2	
0054.HD192281	5	1:21	20:10:46.8	40:07:01	300	90	3.0	#56 Spectropho	2	
0055.COMP	10	1:22	20:10:46.8	40:07:01	300	90	3.0	#56 Spectropho	2	
0056.HD186427	2	1:26	19:41:53	50:31:11	300	90	3.0	#99 Director P	4	
0057.HD186427	2	1:27	19:41:53	50:31:11	300	90	3.0	#99 Director P	4	
0058.HD186427	2	1:27	19:41:53	50:31:11	300	90	3.0	#99 Director P	4	
0059.COMP	5	1:28	19:41:53	50:31:11	300	90	3.0	#99 Director P	4	
0060.N7331	180	1:43	22:34:46.9	+34:09:43	300	90	3.0	#57 Velocity S	4	
0061.COMP	5	1:47	22:34:46.9	+34:09:43	300	90	3.0	#57 Velocity S	4	
0062.2MJ20020674+7820132	600	1:49	20:02:06.7	+78:20:13	300	90	3.0	#68 2MASS Reds	4	
0063.COMP	5	2:00	20:02:06.7	+78:20:13	300	90	3.0	#68 2MASS Reds	4	
0064.2MJ20091482+7910081	600	2:02	20:09:14.8	+79:10:08	300	90	3.0	#68 2MASS Reds	4	

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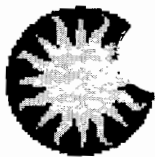
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0065.COMP	5	2:12	20:09:14.8	+79:10:08	300	90	3.0	#68 2MASS Reds	4	
0066.2MJ20101682+7904598	720	2:13	20:10:16.8	+79:04:59	300	90	3.0	#68 2MASS Reds	4	
0067.COMP	5	2:26	20:10:16.8	+79:04:59	300	90	3.0	#68 2MASS Reds	4	
0068.2MJ20102661+7907526	600	2:27	20:10:26.6	+79:07:52	300	90	3.0	#68 2MASS Reds	4	
0069.COMP	5	2:37	20:10:26.6	+79:07:52	300	90	3.0	#68 2MASS Reds	4	
0070.2MJ20151768+7334519	600	2:38	20:15:17.6	+73:34:51	300	90	3.0	#68 2MASS Reds	4	
0071.COMP	5	2:48	20:15:17.6	+73:34:51	300	90	3.0	#68 2MASS Reds	4	
0072.2MJ20240858+7944496	480	2:49	20:24:08.5	+79:44:49	300	90	3.0	#68 2MASS Reds	4	
0073.COMP	5	2:58	20:24:08.5	+79:44:49	300	90	3.0	#68 2MASS Reds	4	
0074.2MJ20325446+7537142	420	2:59	20:32:54.4	+75:37:14	300	90	3.0	#68 2MASS Reds	4	2 NEAR CENTER E object is slow
0075.COMP	5	3:06	20:32:54.4	+75:37:14	300	90	3.0	#68 2MASS Reds	4	
0076.2MJ20183085+6212133	540	3:08	20:18:30.8	+62:12:13	300	90	3.0	#68 2MASS Reds	4	
0077.COMP	5	3:17	20:18:30.8	+62:12:13	300	90	3.0	#68 2MASS Reds	4	
0078.2MJ20162627+5017501	720	3:18	20:16:26.2	+50:17:50	300	90	3.0	#68 2MASS Reds	4	clouds increasing
0079.COMP	5	3:30	20:16:26.2	+50:17:50	300	90	3.0	#68 2MASS Reds	4	
0080.Akn564	240	3:40	22:42:39.4	+29:43:31	300	90	3.0	#6 AGN Monitor	4	
0081.Akn564	240	3:44	22:42:39.4	+29:43:31	300	90	3.0	#6 AGN Monitor	4	
0082.Akn564	240	3:49	22:42:39.4	+29:43:31	300	90	3.0	#6 AGN Monitor	4	
0083.COMP	5	3:53	22:42:39.4	+29:43:31	300	90	3.0	#6 AGN Monitor	4	
0084.N7469	150	3:57	23:03:15.7	+08:52:27	300	20	3.0	#6 AGN Monitor	4	

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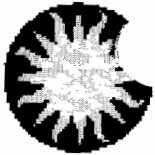
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0085.N7469	150	3:59	23:03:15.7	+08:52:27	300	20	3.0	#6 AGN Monitor	4	
0086.COMP	5	4:02	23:03:15.7	+08:52:27	300	20	3.0	#6 AGN Monitor	4	
0087.BDp284211	75	4:04	21:48:57.1	28:37:48	300	78	3.0	#56 Spectropho	2	
0088.BDp284211	75	4:05	21:48:57.1	28:37:48	300	78	3.0	#56 Spectropho	2	
0089.BDp284211	75	4:07	21:48:57.1	28:37:48	300	78	3.0	#56 Spectropho	2	
0090.COMP	10	4:08	21:48:57.1	28:37:48	300	78	3.0	#56 Spectropho	2	
0091.BDp174708	35	4:09	22:11:31.3	+18:05:34	300	45	3.0	#56 Spectropho	2	
0092.BDp174708	35	4:10	22:11:31.3	+18:05:34	300	45	3.0	#56 Spectropho	2	
0093.BDp174708	35	4:11	22:11:31.3	+18:05:34	300	45	3.0	#56 Spectropho	2	
0094.COMP	10	4:12	22:11:31.3	+18:05:34	300	45	3.0	#56 Spectropho	2	
0095.sn2003jd	900	4:14	23:21:03.3	-04:53:45	300	10	3.0	#2 SN Observat	2	stopped by clouds
0096.COMP	10	4:30	23:21:03.3	-04:53:45	300	10	3.0	#2 SN Observat	2	
0097.sn2003jd	900	4:31	23:21:03.3	-04:53:45	300	10	3.0	#2 SN Observat	2	
0098.COMP	10	4:47	23:21:03.3	-04:53:45	300	10	3.0	#2 SN Observat	2	
0099.sn2003it	1800	4:49	00:05:48.4	27:27:09	300	90	3.0	#2 SN Observat	2	
0100.COMP	10	5:20	00:05:48.4	27:27:09	300	90	3.0	#2 SN Observat	2	
0101.ZAnd	2	5:21	23:33:40	48:49:06	300	90	3.0	#12 Symbiotic	4	
0102.ZAnd	5	5:22	23:33:40	48:49:06	300	90	3.0	#12 Symbiotic	4	
0103.ZAnd	15	5:22	23:33:40	48:49:06	300	90	3.0	#12 Symbiotic	4	
0104.ZAnd	60	5:22	23:33:40	48:49:06	300	90	3.0	#12 Symbiotic	4	

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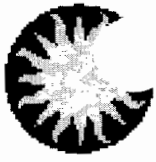
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0105.COMP	5	5:24	23:33:40	48:49:06	300	90	3.0	#12 Symbiotic	4	
0106.2MJ01021475+5948237	720	5:33	01:02:14.7	+59:48:23	300	90	3.0	#68 2MASS Reds	4	
0107.COMP	5	5:46	01:02:14.7	+59:48:23	300	90	3.0	#68 2MASS Reds	4	
0108.2MJ01083403+5900298	900	5:46	01:08:34.0	+59:00:29	300	90	3.0	#68 2MASS Reds	4	
0109.COMP	5	6:02	01:08:34.0	+59:00:29	300	90	3.0	#68 2MASS Reds	4	
0110.2MJ01173664+5959488	600	6:02	01:17:36.6	+59:59:48	300	90	3.0	#68 2MASS Reds	4	gal plus sup star
0111.COMP	5	6:13	01:17:36.6	+59:59:48	300	90	3.0	#68 2MASS Reds	4	
0112.2MJ01192705+5831151	1200	6:15	01:19:27.0	+58:31:15	300	90	3.0	#68 2MASS Reds	4	
0113.COMP	5	6:35	01:19:27.0	+58:31:15	300	90	3.0	#68 2MASS Reds	4	
0114.sn2003iu	1080	6:37	01:55:24.5	21:17:06	300	90	3.0	#2 SN Observat	2	stopped by clouds
0115.COMP	10	6:56	01:55:24.5	21:17:06	300	90	3.0	#2 SN Observat	2	
0116.cairnsk4_129	720	8:38	3:44:27.8	42:8:53	300	90	3.0	#64 Cluster In	4	
0117.COMP	5	8:51	3:44:27.8	42:8:53	300	90	3.0	#64 Cluster In	4	
0118.cairnsk4_131	360	8:52	2:47:22.8	39:35:43	300	90	3.0	#64 Cluster In	4	
0119.COMP	5	8:58	2:47:22.8	39:35:43	300	90	3.0	#64 Cluster In	4	
0120.cairnsk4_132	900	9:03	2:51:26.7	36:31:9	300	90	3.0	#64 Cluster In	4	clouds
0121.COMP	5	9:17	2:51:26.7	36:31:9	300	90	3.0	#64 Cluster In	4	
0122.cairnsk4_133	720	10:11	2:58:42	36:19:29	300	90	3.0	#64 Cluster In	4	gal row 42, star in slit at row 35
0123.COMP	5	10:24	2:58:42	36:19:29	300	90	3.0	#64 Cluster In	4	
0124.cairnsk4_136	600	10:25	2:45:5.9	42:45:58	300	70	3.0	#64 Cluster In	4	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0125.COMP	5	10:35	2:45:5.9	42:45:58	300	70	3.0	#64 Cluster In	4	
0126.cairnsk4_134	600	10:36	3:11:39.5	35:22:26	300	90	3.0	#64 Cluster In	4	
0127.COMP	5	10:46	3:11:39.5	35:22:26	300	90	3.0	#64 Cluster In	4	
0128.cairnsk4_135	420	10:47	3:41:11.7	42:27:48	300	90	3.0	#64 Cluster In	4	
0129.COMP	5	10:54	3:41:11.7	42:27:48	300	90	3.0	#64 Cluster In	4	
0130.cairnsk4_130	900	10:55	3:52:17.9	41:6:54	300	90	3.0	#64 Cluster In	4	
0131.COMP	5	11:10	3:52:17.9	41:6:54	300	90	3.0	#64 Cluster In	4	
0132.cairnsk4_128	900	11:11	3:33:43.9	36:16:45	300	90	3.0	#64 Cluster In	4	
0133.COMP	5	11:26	3:33:43.9	36:16:45	300	90	3.0	#64 Cluster In	4	
0134.cairnsk4_138	900	11:27	3:27:48.4	38:50:19	300	90	3.0	#64 Cluster In	4	
0135.COMP	5	11:43	3:27:48.4	38:50:19	300	90	3.0	#64 Cluster In	4	
0136.cairnsk4_139	900	11:43	3:33:54.9	41:50:8	300	90	3.0	#64 Cluster In	4	
0137.COMP	5	11:59	3:33:54.9	41:50:8	300	90	3.0	#64 Cluster In	4	
0138.cairnsk4_158	900	12:01	3:39:30.3	39:14:16	300	90	3.0	#64 Cluster In	4	
0139.COMP	5	12:16	3:39:30.3	39:14:16	300	90	3.0	#64 Cluster In	4	
0140.N3227	180	12:18	10:23:30.6	+19:51:54	300	90	3.0	#6 AGN Monitor	4	
0141.N3227	180	12:21	10:23:30.6	+19:51:54	300	90	3.0	#6 AGN Monitor	4	
0142.COMP	5	12:25	10:23:30.6	+19:51:54	300	90	3.0	#6 AGN Monitor	4	
0143-0152.BIAS	0	12:28	10:23:30.6	+19:51:54	300	90	3.0	#6 AGN Monitor	4	
0153-0162.FLAT	8	12:31	10:23:30.6	+19:51:54	300	90	3.0	#6 AGN Monitor	4	

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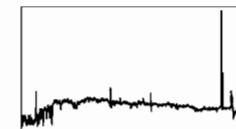
<i>File</i>	<i>Exp Time</i>	<i>UT Start</i>	<i>RA</i>	<i>Dec</i>	<i>Gr.</i>	<i>P.A.</i>	<i>Slit</i>	<i>Program</i>	<i>Bin</i>	<i>Comments</i>
0163-0172.BIAS	0	12:33	10:23:30.6	+19:51:54	300	90	3.0	#6 AGN Monitor	2	
0173-0182.FLAT	16	12:39	10:23:30.6	+19:51:54	300	90	3.0	#6 AGN Monitor	2	



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Coll. Focus 1060 Grating/Grism 300

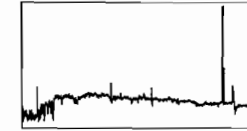
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001.DARK	900	0:56	20:23:24.3	+31:29:00	300	90	3.0	#6 AGN Monitor	4	
0002.DARK	900	1:12	20:38:33.6	+31:28:56	300	90	3.0	#6 AGN Monitor	4	
0003.DARK	900	1:27	20:53:39.7	+31:28:52	300	90	3.0	#6 AGN Monitor	4	
0004-0013.BIAS	0	1:43	20:54:56.2	+31:28:52	300	90	3.0	#6 AGN Monitor	4	
0014-0015.FLAT	6	1:44	20:56:00.3	+31:28:52	300	90	3.0	#6 AGN Monitor	4	
0016-0023.FLAT	6	1:46	20:57:45.0	+31:28:51	300	90	3.0	#6 AGN Monitor	4	
0024-0027.BIAS	0	1:48	21:00:27.7	+31:28:51	300	90	3.0	#6 AGN Monitor	2	
0028-0033.BIAS	0	1:50	21:01:44.4	+31:28:50	300	90	3.0	#6 AGN Monitor	2	
0034-0040.FLAT	12	1:52	21:04:38.4	+31:28:50	300	90	3.0	#6 AGN Monitor	2	
0041-0043.FLAT	12	1:54	21:05:51.3	+31:28:49	300	90	3.0	#6 AGN Monitor	2	
0044.BDp284211	40	1:58	21:48:57.1	28:37:48	300	90	3.0	#56 Spectropho	2	
0045.BDp284211	40	1:58	21:48:57.1	28:37:48	300	90	3.0	#56 Spectropho	2	
0046.COMP	12	2:00	21:48:57.1	28:37:48	300	90	3.0	#56 Spectropho	2	
0047.BDp284211	40	2:01	21:48:57.1	28:37:48	300	110	3.0	#56 Spectropho	2	
0048.BDp284211	40	2:02	21:48:57.1	28:37:48	300	110	3.0	#56 Spectropho	2	
0049.COMP	12	2:03	21:48:57.1	28:37:48	300	110	3.0	#56 Spectropho	2	
0050.BDp284211	40	2:04	21:48:57.1	28:37:48	300	90	3.0	#56 Spectropho	4	
0051.BDp284211	40	2:05	21:48:57.1	28:37:48	300	90	3.0	#56 Spectropho	4	
0052.COMP	5	2:07	21:48:57.1	28:37:48	300	90	3.0	#56 Spectropho	4	
0053.BDp174708	15	2:10	22:11:31.3	+18:05:34	300	-38	3.0	#56 Spectropho	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0054.BDp174708	15	2:10	22:11:31.3	+18:05:34	300	-38	3.0	#56 Spectropho	2	
0055.COMP	12	2:11	22:11:31.3	+18:05:34	300	-38	3.0	#56 Spectropho	2	
0056.AGDra	2	2:15	16:01:41	66:48:10	300	90	3.0	#12 Symbiotic	2	
0057.AGDra	15	2:15	16:01:41	66:48:10	300	90	3.0	#12 Symbiotic	2	
0058.AGDra	45	2:16	16:01:41	66:48:10	300	90	3.0	#12 Symbiotic	2	
0059.COMP	12	2:17	16:01:41	66:48:10	300	90	3.0	#12 Symbiotic	2	
0060.RSOph	10	2:20	17:50:13	-06:42:30	300	90	3.0	#12 Symbiotic	2	
0061.RSOph	60	2:21	17:50:13	-06:42:30	300	90	3.0	#12 Symbiotic	2	
0062.RSOph	150	2:22	17:50:13	-06:42:30	300	90	3.0	#12 Symbiotic	2	
0063.COMP	12	2:25	17:50:13	-06:42:30	300	90	3.0	#12 Symbiotic	2	
0064.YYHer	10	2:27	18:14:34	20:59:19	300	90	3.0	#12 Symbiotic	2	
0065.YYHer	60	2:28	18:14:34	20:59:19	300	90	3.0	#12 Symbiotic	2	
0066.COMP	12	2:30	18:14:34	20:59:19	300	90	3.0	#12 Symbiotic	2	
0067.3C390.3	300	2:32	18:42:09.1	79:46:17	300	90	3.0	#6 AGN Monitor	2	
0068.3C390.3	300	2:37	18:42:09.1	79:46:17	300	90	3.0	#6 AGN Monitor	2	
0069.3C390.3	300	2:43	18:42:09.1	79:46:17	300	90	3.0	#6 AGN Monitor	2	
0070.COMP	12	2:48	18:42:09.1	79:46:17	300	90	3.0	#6 AGN Monitor	2	
0071.MRK509	180	2:51	20:44:09.8	-10:43:24	300	90	3.0	#6 AGN Monitor	2	
0072.MRK509	180	2:55	20:44:09.8	-10:43:24	300	90	3.0	#6 AGN Monitor	2	
0073.COMP	12	2:58	20:44:09.8	-10:43:24	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
0074.ZAnd	2	3:01	23:33:40	48:49:06	300	90	3.0	#12 Symbiotic	2	
0075.ZAnd	5	3:01	23:33:40	48:49:06	300	90	3.0	#12 Symbiotic	2	
0076.ZAnd	15	3:01	23:33:40	48:49:06	300	90	3.0	#12 Symbiotic	2	
0077.COMP	12	3:02	23:33:40	48:49:06	300	90	3.0	#12 Symbiotic	2	
0078.TYC2600m612m1	90	3:06	17:23:39.8	35:27:57	300	90	3.0	#126 GRB	2	
0079.TYC2600m612m1	90	3:08	17:23:39.8	35:27:57	300	90	3.0	#126 GRB	2	
0080.TYC2600m612m1	90	3:10	17:23:39.8	35:27:57	300	90	3.0	#126 GRB	2	
0081.COMP	12	3:12	17:23:39.8	35:27:57	300	90	3.0	#126 GRB	2	
0082.2MJ20043008+1924304	600	3:13	20:04:30.0	+19:24:30	300	90	3.0	#68 2MASS Reds	2	row=73
0083.COMP	12	3:24	20:04:30.0	+19:24:30	300	90	3.0	#68 2MASS Reds	2	
0084.2MJ20055378+4457122	1200	3:26	20:05:53.7	+44:57:12	300	90	3.0	#68 2MASS Reds	2	row=76
0085.COMP	12	3:46	20:05:53.7	+44:57:12	300	90	3.0	#68 2MASS Reds	2	
0086.2MJ20060695+4141409	1200	3:48	20:06:06.9	+41:41:40	300	80	3.0	#68 2MASS Reds	2	
0087.COMP	12	4:08	20:06:06.9	+41:41:40	300	80	3.0	#68 2MASS Reds	2	
0088.2MJ20065549+1627404	1020	4:11	20:06:55.4	+16:27:40	300	90	3.0	#68 2MASS Reds	2	
0089.COMP	12	4:28	20:06:55.4	+16:27:40	300	90	3.0	#68 2MASS Reds	2	
0090.sn2003jd	1200	4:45	23:21:03.3	-04:53:45	300	8	3.0	#2 SN Observat	2	
0091.COMP	12	5:07	23:21:03.3	-04:53:45	300	8	3.0	#2 SN Observat	2	
0092.sn2003it	1200	5:11	00:05:48.4	27:27:09	300	41	3.0	#2 SN Observat	2	
0093.COMP	12	5:32	00:05:48.4	27:27:09	300	41	3.0	#2 SN Observat	2	



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0094.sn2003iu	1200	5:37	01:55:24.5	21:17:06	300	-52	3.0	#2 SN Observat	2	
0095.COMP	12	5:58	01:55:24.5	21:17:06	300	-52	3.0	#2 SN Observat	2	
0096.M31	60	6:02	00:40:00.0	+40:59:42	300	90	3.0	#57 Velocity S	2	
0097.COMP	12	6:03	00:40:00.0	+40:59:42	300	90	3.0	#57 Velocity S	2	
0098.hs1633	720	6:12	0:47:19.2	-0:38:56	600	90	2.0	#122 Halo Star	4	600L, 2 arcsec, tilt=430
0099.COMP	10	6:24	0:47:19.2	-0:38:56	600	90	2.0	#122 Halo Star	4	
0100.hs1634	540	6:28	0:48:46.7	0:52:52	600	90	2.0	#122 Halo Star	4	
0101.COMP	10	6:37	0:48:46.7	0:52:52	600	90	2.0	#122 Halo Star	4	
0102.hss165	1200	6:47	0:53:38.2	-0:03:02	600	90	2.0	#122 Halo Star	4	
0103.COMP	12	7:07	0:53:38.2	-0:03:02	600	90	2.0	#122 Halo Star	4	
0104.hss166	1800	7:12	0:53:59.5	-0:30:56	600	90	2.0	#122 Halo Star	4	
0105.COMP	10	7:42	0:53:59.5	-0:30:56	600	90	2.0	#122 Halo Star	4	
0106.hss170	1800	7:50	0:59:14.9	-0:15:23	600	90	2.0	#122 Halo Star	4	
0107.COMP	10	8:21	0:59:14.9	-0:15:23	600	90	2.0	#122 Halo Star	4	
0108.hss191	1800	8:24	1:53:04.8	-0:49:07	600	90	2.0	#122 Halo Star	4	
0109.COMP	10	8:54	1:53:04.8	-0:49:07	600	90	2.0	#122 Halo Star	4	
0110.hss195	960	8:58	1:59:51.7	-0:50:11	600	90	2.0	#122 Halo Star	4	
0111.COMP	10	9:14	1:59:51.7	-0:50:11	600	90	2.0	#122 Halo Star	4	
0112.hs1649	480	9:15	1:59:54.9	0:05:47	600	100	2.0	#122 Halo Star	4	
0113.COMP	10	9:24	1:59:54.9	0:05:47	600	100	2.0	#122 Halo Star	4	

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0114.hs1650	420	9:26	2:00:14.3	0:28:57	600	90	2.0	#122 Halo Star	4	
0115.COMP	10	9:34	2:00:14.3	0:28:57	600	90	2.0	#122 Halo Star	4	
0116.hs1651	420	9:37	2:00:15.0	1:08:53	600	90	2.0	#122 Halo Star	4	
0117.COMP	10	9:44	2:00:15.0	1:08:53	600	90	2.0	#122 Halo Star	4	
0118.hs1652	360	9:46	2:00:49.2	1:14:09	600	90	2.0	#122 Halo Star	4	
0119.COMP	10	9:52	2:00:49.2	1:14:09	600	90	2.0	#122 Halo Star	4	
0120.Hiltner600	50	9:56	06:42:37.2	02:11:25	600	90	2.0	#56 Spectropho	4	
0121.COMP	10	9:57	06:42:37.2	02:11:25	600	90	2.0	#56 Spectropho	4	
0122-0131.FLAT	40	10:05	06:42:37.2	02:11:25	600	90	2.0	#122 Halo Star	4	
0132.snmcg02	1200	10:14	04:16:37.3	-12:23:32	300	20	3.0	#2 SN Observat	2	combo setup
0133.COMP	12	10:35	04:16:37.3	-12:23:32	300	20	3.0	#2 SN Observat	2	
0134.snmcg02	1200	10:36	04:16:37.3	-12:23:32	300	20	3.0	#2 SN Observat	2	
0135.COMP	12	10:57	04:16:37.3	-12:23:32	300	20	3.0	#2 SN Observat	2	
0136.035518p18260.b	1500	11:01	3:58:12.3	18:35:9	300	110	3.0	#113 Interacti	2	
0137.COMP	12	11:26	3:58:12.3	18:35:9	300	110	3.0	#113 Interacti	2	
0138.075700p39580.c	1720	11:29	8:0:23.0	39:45:35	300	90	3.0	#113 Interacti	2	row=74
0139.COMP	12	11:58	8:0:23.0	39:45:35	300	90	3.0	#113 Interacti	2	
0140.075742p27380.a	1500	12:00	8:0:50.2	27:30:1	300	90	3.0	#113 Interacti	2	
0141.COMP	12	12:26	8:0:50.2	27:30:1	300	90	3.0	#113 Interacti	2	
0142.BGGem	300	12:28	6:03:31	27:41:50	300	90	3.0	#100 BGGem	2	

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0143.BGGem	600	12:33	6:03:31	27:41:50	300	90	3.0	#100 BGGem	2	
0144.COMP	12	12:44	6:03:31	27:41:50	300	90	3.0	#100 BGGem	2	
0145.Hiltner600	40	12:46	06:42:37.2	02:11:25	300	28	3.0	#56 Spectropho	2	
0146.COMP	12	12:47	06:42:37.2	02:11:25	300	28	3.0	#56 Spectropho	2	
0147-0156.BIAS	0	12:53	06:42:37.2	02:11:25	300	90	3.0	#2 SN Observat	2	
0157-0166.FLAT	12	12:57	06:42:37.2	02:11:25	300	90	3.0	#2 SN Observat	2	
0167-0176.DARK	900	15:17	06:42:37.2	02:11:25	300	90	3.0	#2 SN Observat	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001-0010.DARK	900	0:37	06:42:37.2	02:11:25	300	90	3.0	#2 SN Observat	4	
0011-0020.BIAS	0	1:05	06:42:37.2	02:11:25	300	90	3.0	#2 SN Observat	4	
0021-0030.FLAT	6	1:08	06:42:37.2	02:11:25	300	90	3.0	#2 SN Observat	4	
0031-0040.BIAS	0	1:10	06:42:37.2	02:11:25	300	90	3.0	#2 SN Observat	2	
0041-0050.FLAT	12	1:15	06:42:37.2	02:11:25	300	90	3.0	#2 SN Observat	2	
0051.BDp284211	40	4:04	21:48:57.1	28:37:48	300	90	3.0	#56 Spectropho	2	observing through clouds...
0052.BDp284211	40	4:04	21:48:57.1	28:37:48	300	90	3.0	#56 Spectropho	2	
0053.COMP	12	4:06	21:48:57.1	28:37:48	300	90	3.0	#56 Spectropho	2	
0054.BDp284211	40	4:08	21:48:57.1	28:37:48	300	76	3.0	#56 Spectropho	2	
0055.BDp284211	40	4:09	21:48:57.1	28:37:48	300	76	3.0	#56 Spectropho	2	
0056.COMP	12	4:10	21:48:57.1	28:37:48	300	76	3.0	#56 Spectropho	2	
0057.BDp284211	40	4:12	21:48:57.1	28:37:48	300	90	3.0	#56 Spectropho	4	
0058.BDp284211	40	4:13	21:48:57.1	28:37:48	300	90	3.0	#56 Spectropho	4	
0059.COMP	5	4:14	21:48:57.1	28:37:48	300	90	3.0	#56 Spectropho	4	
0060.BDp174708	15	4:17	22:11:31.3	+18:05:34	300	50	3.0	#56 Spectropho	2	
0061.BDp174708	15	4:17	22:11:31.3	+18:05:34	300	50	3.0	#56 Spectropho	2	
0062.COMP	12	4:18	22:11:31.3	+18:05:34	300	50	3.0	#56 Spectropho	2	
0063.sn2003jd	1200	4:22	23:21:03.3	-04:53:45	300	20	3.0	#2 SN Observat	2	clear sky to the east...
0064.COMP	12	4:43	23:21:03.3	-04:53:45	300	20	3.0	#2 SN Observat	2	
0065.sn2003it	1200	4:46	00:05:48.4	27:27:09	300	-13	3.0	#2 SN Observat	2	



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0066.COMP	12	5:07	00:05:48.4	27:27:09	300	-13	3.0	#2 SN Observat	2	
0067.sn2003iu	1200	5:10	01:55:24.5	21:17:06	300	-58	3.0	#2 SN Observat	2	
0068.COMP	12	5:31	01:55:24.5	21:17:06	300	-58	3.0	#2 SN Observat	2	
0069.2MJ00362801+1226414	300	5:36	00:36:28.0	+12:26:41	300	110	3.0	#68 2MASS Reds	2	
0070.COMP	12	5:41	00:36:28.0	+12:26:41	300	110	3.0	#68 2MASS Reds	2	
0071.2MJ00365565+2853393	420	5:43	00:36:55.6	+28:53:39	300	90	3.0	#68 2MASS Reds	2	
0072.COMP	12	5:50	00:36:55.6	+28:53:39	300	90	3.0	#68 2MASS Reds	2	close for humidity and clouds...
0073.snmcg02	1200	8:33	04:16:37.3	-12:23:32	300	-9	3.0	#2 SN Observat	2	row=70
0074.COMP	12	8:53	04:16:37.3	-12:23:32	300	-9	3.0	#2 SN Observat	2	
0075.015748p21030_b	1200	8:59	2:0:19.5	21:18:6	300	45	3.0	#113 Interacti	2	
0076.COMP	12	9:19	2:0:19.5	21:18:6	300	45	3.0	#113 Interacti	2	
0077.015818p08040_b	1620	9:22	2:1:7.7	8:19:37	300	90	3.0	#113 Interacti	2	
0078.COMP	12	9:49	2:1:7.7	8:19:37	300	90	3.0	#113 Interacti	2	
0079.020736p05490_b	1800	9:51	2:10:25.0	6:4:6	300	90	3.0	#113 Interacti	2	row=69
0080.COMP	12	10:21	2:10:25.0	6:4:6	300	90	3.0	#113 Interacti	2	
0081.vso-20554	480	10:30	05:34:36.5	-05:36:17	300	90	3.0	#112 Orion PMS	2	
0082.COMP	12	10:38	05:34:36.5	-05:36:17	300	90	3.0	#112 Orion PMS	2	
0083.vso-20566	720	10:39	05:34:39.9	-05:30:05	300	90	3.0	#112 Orion PMS	2	row=72
0084.COMP	12	10:52	05:34:39.9	-05:30:05	300	90	3.0	#112 Orion PMS	2	
0085.vso-20590	660	10:54	05:34:46.9	-05:35:07	300	90	3.0	#112 Orion PMS	2	

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0086.COMP	12	05:34:46.9	-05:35:07	300	90	3.0	#112 Orion PMS	2	
0087.vso-20595	360	05:34:48.2	-05:37:22	300	90	3.0	#112 Orion PMS	2	
0088.COMP	12	05:34:48.2	-05:37:22	300	90	3.0	#112 Orion PMS	2	
0089.vso-20619	600	05:35:01.4	-05:09:32	300	90	3.0	#112 Orion PMS	2	
0090.COMP	12	05:35:01.4	-05:09:32	300	90	3.0	#112 Orion PMS	2	
0091.vso-20620	720	05:35:02.4	-05:33:09	300	90	3.0	#112 Orion PMS	2	
0092.COMP	12	05:35:02.4	-05:33:09	300	90	3.0	#112 Orion PMS	2	
0093.vso-20621	660	05:39:15.9	-05:58:30	300	90	3.0	#112 Orion PMS	2	
0094.COMP	12	05:39:15.9	-05:58:30	300	90	3.0	#112 Orion PMS	2	
0095.vso-20633	600	05:35:08.0	-05:32:44	300	90	3.0	#112 Orion PMS	2	
0096.COMP	12	05:35:08.0	-05:32:44	300	90	3.0	#112 Orion PMS	2	more clouds....
0097-0106.BIAS	0	05:35:13.3	-05:09:19	300	90	3.0	#112 Orion PMS	4	
0107-0116.FLAT	6	05:35:13.3	-05:09:19	300	90	3.0	#112 Orion PMS	4	
0117-0126.BIAS	0	05:35:13.3	-05:09:19	300	90	3.0	#112 Orion PMS	2	
0127-0136.FLAT	12	05:35:13.3	-05:09:19	300	90	3.0	#112 Orion PMS	2	
0137-0146.DARK	900	05:35:13.3	-05:09:19	300	90	3.0	#112 Orion PMS	2	