

UT Date 2001-02-02 Observers M CalkinsColl. Focus 1000 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001.DARK	900	0:27	02:07:24.0	31:30:09	300	90	3.0	none	4	
0002-0003.DARK	900	0:57	02:37:43.0	31:30:10	300	90	3.0	none	4	
0004.DARK	900	1:12	02:52:56.0	31:30:11	300	90	3.0	none	4	
0005-0014.BIAS	0	1:29	02:54:23.0	31:30:11	300	90	3.0	none	4	
0015-0023.FLAT	6	1:31	02:56:51.0	31:30:11	300	90	3.0	none	4	
0024.FLAT	6	1:31	02:57:05.0	31:30:12	300	90	3.0	none	4	
0025-0034.BIAS	0	1:34	02:59:37.0	31:30:12	300	90	3.0	none	2	
0035-0044.FLAT	12	1:39	03:04:39.0	31:30:12	300	90	3.0	none	2	
0045.Feige25	150	1:58	02:38:37.7	+05:28:11	300	90	3.0	#56 Photometri	4	
0046.COMP	5	2:01	02:38:37.7	+05:28:11	300	90	3.0	#56 Photometri	4	
0047.Feige25	360	2:02	02:38:37.7	+05:28:11	300	90	3.0	#56 Photometri	4	seeing is terrible!
0048.COMP	5	2:08	02:38:37.7	+05:28:11	300	90	3.0	#56 Photometri	4	
0049.Feige25	360	2:10	02:38:37.7	+05:28:11	300	90	3.0	#56 Photometri	2	
0050.COMP	12	2:17	02:38:37.7	+05:28:11	300	90	3.0	#56 Photometri	2	
0051.M31	90	2:19	00:40:00.0	+40:59:42	300	90	3.0	#57 Velocity S	2	
0052.COMP	12	2:21	00:40:00.0	+40:59:42	300	90	3.0	#57 Velocity S	2	
0053.BGGem	300	2:28	6:03:31	27:41:50	300	90	3.0	#100 BGGem	2	
0054.BGGem	1200	2:33	6:03:31	27:41:50	300	90	3.0	#100 BGGem	2	
0055.COMP	12	2:54	6:03:31	27:41:50	300	90	3.0	#100 BGGem	2	
0056.sn2001B	1020	3:01	04:57:19.2	+78:11:16	300	9	3.0	#2 SN Observat	2	

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0057.sn2001B	1020	3:18	04:57:19.2	+78:11:16	300	9	3.0	#2 SN Observat	2	
0058.COMP	12	3:36	04:57:19.2	+78:11:16	300	9	3.0	#2 SN Observat	2	
0059.vso77473	1200	3:44	5:30:17.0	1:56:44	300	90	3.0	#112 Orion PMS	2	
0060.COMP	12	4:04	5:30:17.0	1:56:44	300	90	3.0	#112 Orion PMS	2	
0061.vso78476	780	4:06	5:30:50.3	1:35:20	300	90	3.0	#112 Orion PMS	2	
0062.COMP	12	4:20	5:30:50.3	1:35:20	300	90	3.0	#112 Orion PMS	2	
0063.vso78580	1200	4:21	5:30:53.8	1:59:25	300	90	3.0	#112 Orion PMS	2	
0064.COMP	12	4:42	5:30:53.8	1:59:25	300	90	3.0	#112 Orion PMS	2	
0065.vso79804	1200	4:45	5:31:32.4	1:58:17	300	90	3.0	#112 Orion PMS	2	
0066.COMP	12	5:06	5:31:32.4	1:58:17	300	90	3.0	#112 Orion PMS	2	
0067.vso81279	1200	5:07	5:32:27.7	1:34:36	300	90	3.0	#112 Orion PMS	2	
0068.COMP	12	5:28	5:32:27.7	1:34:36	300	90	3.0	#112 Orion PMS	2	
0069.vso82338	900	5:30	5:33:09.9	1:34:56	300	90	3.0	#112 Orion PMS	2	
0070.COMP	12	5:45	5:33:09.9	1:34:56	300	90	3.0	#112 Orion PMS	2	
0071.vso84748	1200	5:47	5:34:17.5	1:52:27	300	90	3.0	#112 Orion PMS	2	
0072.COMP	12	6:08	5:34:17.5	1:52:27	300	90	3.0	#112 Orion PMS	2	
0073.vso86655	900	6:09	5:35:22.3	1:54:38	300	90	3.0	#112 Orion PMS	2	
0074.COMP	12	6:24	5:35:22.3	1:54:38	300	90	3.0	#112 Orion PMS	2	
0075.vso86980	1020	6:26	5:35:34.2	2:04:57	300	90	3.0	#112 Orion PMS	2	
0076.COMP	12	6:43	5:35:34.2	2:04:57	300	90	3.0	#112 Orion PMS	2	

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0077.vso90217	1200	6:46	5:37:22.2	2:02:39	300	90	3.0	#112 Orion PMS	2	
0078.COMP	12	7:06	5:37:22.2	2:02:39	300	90	3.0	#112 Orion PMS	2	
0079.Hiltner600	60	7:21	06:45:12.0	+02:06:00	300	40	3.0	#56 Photometri	2	
0080.COMP	12	7:23	06:45:12.0	+02:06:00	300	40	3.0	#56 Photometri	2	
0081.BGGem	300	7:29	6:03:31	27:41:50	300	90	3.0	#100 BGGem	2	
0082.BGGem	1200	7:36	6:03:31	27:41:50	300	90	3.0	#100 BGGem	2	
0083.COMP	12	7:58	6:03:31	27:41:50	300	90	3.0	#100 BGGem	2	
0084.FLAT	40	8:10	6:03:31	27:41:50	600	90	2.0	#100 BGGem	2	600lpm, slit=2, tilt=420
0085-0093.FLAT	40	8:18	6:03:31	27:41:50	600	90	2.0	#100 BGGem	2	
0094.hs3	1200	8:21	10:31:11.6	29:16:23	600	90	2.0	#122 Halo Star	2	
0095.COMP	10	8:42	10:31:11.6	29:16:23	600	90	2.0	#122 Halo Star	2	
0096.hs3	1200	8:43	10:31:11.6	29:16:23	600	90	2.0	#122 Halo Star	2	
0097.COMP	10	9:04	10:31:11.6	29:16:23	600	90	2.0	#122 Halo Star	2	seeing improved
0098.hs4	1200	9:05	10:31:19.9	29:22:23	600	90	2.0	#122 Halo Star	2	
0099.COMP	10	9:26	10:31:19.9	29:22:23	600	90	2.0	#122 Halo Star	2	
0100.hs5	900	9:27	10:31:23.5	29:35:17	600	90	2.0	#122 Halo Star	2	
0101.COMP	10	9:42	10:31:23.5	29:35:17	600	90	2.0	#122 Halo Star	2	
0102.hs6	720	9:44	10:31:49.0	28:46:42	600	90	2.0	#122 Halo Star	2	
0103.COMP	10	9:57	10:31:49.0	28:46:42	600	90	2.0	#122 Halo Star	2	
0104.hs8	720	9:58	10:32:36.9	29:33:12	600	90	2.0	#122 Halo Star	2	

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0105.COMP	10	10:10	10:32:36.9	29:33:12	600	90	2.0	#122 Halo Star	2	
0106.hs9	1200	10:12	10:33:44.6	29:37:44	600	90	2.0	#122 Halo Star	2	
0107.COMP	10	10:32	10:33:44.6	29:37:44	600	90	2.0	#122 Halo Star	2	
0108.hs10	900	10:34	10:33:59.4	29:39:45	600	90	2.0	#122 Halo Star	2	
0109.COMP	10	10:49	10:33:59.4	29:39:45	600	90	2.0	#122 Halo Star	2	
0110.SN2001N	1200	10:58	10:39:58.0	+24:05:26	300	65	3.0	#2 SN Observat	2	back to normal setup
0111.COMP	12	11:19	10:39:58.0	+24:05:26	300	65	3.0	#2 SN Observat	2	
0112.sn6429	1200	11:26	11:25:19.7	63:43:15	300	-32	3.0	#2 SN Observat	2	
0113.sn6429	1200	11:47	11:25:19.7	63:43:15	300	-32	3.0	#2 SN Observat	2	
0114.COMP	12	12:08	11:25:19.7	63:43:15	300	-32	3.0	#2 SN Observat	2	
0115.sn6429	1200	12:12	11:53:21.5	20:44:53	300	58	3.0	#2 SN Observat	2	row=75
0116.COMP	12	12:33	11:53:21.5	20:44:53	300	58	3.0	#2 SN Observat	2	
0117.BDp332642	60	12:39	15:51:59.8	+32:56:54	300	94	3.0	#56 Photometri	2	
0118.COMP	12	12:41	15:51:59.8	+32:56:54	300	94	3.0	#56 Photometri	2	
0119.nrgb184.248	300	12:43	12:08:15.6	+25:02:06	300	90	3.0	#59 X-Ray Grou	2	
0120.COMP	12	12:49	12:08:15.6	+25:02:06	300	90	3.0	#59 X-Ray Grou	2	
0121.nrgb184.249	240	12:50	12:08:18.6	+25:09:40	300	90	3.0	#59 X-Ray Grou	2	
0122.COMP	12	12:54	12:08:18.6	+25:09:40	300	90	3.0	#59 X-Ray Grou	2	
0123.nrgb184.250	420	12:55	12:08:20.7	+25:20:02	300	90	3.0	#59 X-Ray Grou	2	
0124.COMP	12	13:03	12:08:20.7	+25:20:02	300	90	3.0	#59 X-Ray Grou	2	

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0125.nrgb184.251	480	13:04	12:08:21.1	+25:13:11	300	90	3.0	#59 X-Ray Grou	2	
0126.COMP	12	13:12	12:08:21.1	+25:13:11	300	90	3.0	#59 X-Ray Grou	2	
0127.nrgb184.252	600	13:13	12:08:21.3	+24:58:05	300	90	3.0	#59 X-Ray Grou	2	
0128.COMP	12	13:24	12:08:21.3	+24:58:05	300	90	3.0	#59 X-Ray Grou	2	
0129.BDp332642	45	13:26	15:51:59.8	+32:56:54	300	90	3.0	#56 Photometri	2	
0130.COMP	12	13:27	15:51:59.8	+32:56:54	300	90	3.0	#56 Photometri	2	
0131-0135.sky	2	14:00	15:51:59.8	+32:56:54	300	90	3.0	#57 Velocity S	4	
0136.COMP	5	14:00	15:51:59.8	+32:56:54	300	90	3.0	#57 Velocity S	4	
0137-0146.BIAS	0	14:03	15:51:59.8	+32:56:54	300	90	3.0	#57 Velocity S	4	
0147-0156.FLAT	6	14:06	15:51:59.8	+32:56:54	300	90	3.0	#57 Velocity S	4	
0157-0166.BIAS	0	14:09	15:51:59.8	+32:56:54	300	90	3.0	#57 Velocity S	2	
0167-0176.FLAT	12	14:13	15:51:59.8	+32:56:54	300	90	3.0	#57 Velocity S	2	
0177-0186.DARK	900	16:31	15:51:59.8	+32:56:54	300	90	3.0	#57 Velocity S	2	

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0001.BIAS	0	22:42	00:50:08.0	31:30:09	600	90	2.0	#57 Velocity S	2	test frames, plus a few darks
0002-0005.BIAS	0	22:43	00:51:05.0	31:30:09	600	90	2.0	#57 Velocity S	2	
0006-0008.DARK	1200	23:24	01:52:19.0	31:30:09	600	90	2.0	#57 Velocity S	2	
0009.DARK	1200	23:44	02:12:37.0	31:30:10	600	90	2.0	#57 Velocity S	2	
0010.DARK	1200	0:04	02:32:52.0	31:30:11	600	90	2.0	#57 Velocity S	2	
0011.COMP	20	0:42	02:51:48.0	31:30:12	600	90	2.0	#57 Velocity S	2	
0012-0021.BIAS	0	0:45	02:54:16.0	31:30:12	600	90	2.0	#57 Velocity S	2	
0022.FLAT	55	0:47	02:57:14.0	31:30:12	600	90	2.0	#57 Velocity S	2	600-line; 2-sec slit; abs tilt (H-Beta)
0023.FLAT	55	0:49	02:58:24.0	31:30:12	600	90	2.0	#57 Velocity S	2	specfoc=680
0024-0031.FLAT	55	0:58	03:07:40.0	31:30:12	600	90	2.0	#57 Velocity S	2	
0032.HD27382	30	1:51	04:20:21.2	27:21:02	600	90	2.0	#88f Mass Func	2	
0033.HD27382	30	1:52	04:20:21.2	27:21:02	600	90	2.0	#88f Mass Func	2	
0034.HD27382	30	1:53	04:20:21.2	27:21:02	600	90	2.0	#88f Mass Func	2	
0035.COMP	20	1:54	04:20:21.2	27:21:02	600	90	2.0	#88f Mass Func	2	
0036.HD27348	30	1:54	04:20:24.6	34:34:00	600	90	2.0	#88f Mass Func	2	clear skies, good seeing!!
0037.HD27348	30	1:55	04:20:24.6	34:34:00	600	90	2.0	#88f Mass Func	2	
0038.HD27348	30	1:56	04:20:24.6	34:34:00	600	90	2.0	#88f Mass Func	2	
0039.COMP	20	1:57	04:20:24.6	34:34:00	600	90	2.0	#88f Mass Func	2	
0040.HD27697	30	1:58	04:22:56.1	17:32:33	600	90	2.0	#88f Mass Func	2	
0041.HD27697	30	1:59	04:22:56.1	17:32:33	600	90	2.0	#88f Mass Func	2	

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0042.HD27697	30	2:00	04:22:56.1	17:32:33	600	90	2.0	#88f Mass Func	2	
0043.COMP	20	2:01	04:22:56.1	17:32:33	600	90	2.0	#88f Mass Func	2	
0044.NGC1426	240	2:06	03:40:37.8	-22:15:58	600	110	2.0	#88f Mass Func	2	
0045.NGC1426	240	2:11	03:40:37.8	-22:15:58	600	110	2.0	#88f Mass Func	2	
0046.COMP	20	2:16	03:40:37.8	-22:15:58	600	110	2.0	#88f Mass Func	2	
0047.NGC1023	180	2:18	02:37:15.8	38:50:55	600	87	2.0	#88f Mass Func	2	
0048.NGC1023	180	2:22	02:37:15.8	38:50:55	600	87	2.0	#88f Mass Func	2	
0049.COMP	20	2:26	02:37:15.8	38:50:55	600	87	2.0	#88f Mass Func	2	
0050.NGC1700	240	2:28	04:54:28.1	-04:56:30	600	90	2.0	#88f Mass Func	2	
0051.NGC1700	240	2:33	04:54:28.1	-04:56:30	600	90	2.0	#88f Mass Func	2	
0052.COMP	20	2:38	04:54:28.1	-04:56:30	600	90	2.0	#88f Mass Func	2	
0053.HZ14	360	2:42	04:41:01	10:59:42	600	5	2.0	#88f Mass Func	2	
0054.COMP	20	2:48	04:41:01	10:59:42	600	5	2.0	#88f Mass Func	2	
0055.COMP	20	2:54	08:06:52.8	+19:50:38	600	77	2.0	#88f Mass Func	2	
0056.MF2832	900	2:54	08:06:52.8	+19:50:38	600	77	2.0	#88f Mass Func	2	
0057.MF2832	900	3:10	08:06:52.8	+19:50:38	600	77	2.0	#88f Mass Func	2	
0058.MF2832	900	3:25	08:06:52.8	+19:50:38	600	77	2.0	#88f Mass Func	2	
0059.COMP	20	3:41	08:06:52.8	+19:50:38	600	77	2.0	#88f Mass Func	2	
0060.COMP	20	3:42	07:34:11.1	+23:57:59	600	43	2.0	#88f Mass Func	2	
0061.MF2736	900	3:44	07:34:11.1	+23:57:59	600	43	2.0	#88f Mass Func	2	

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0062.MF2736	900	4:02	07:34:11.1	+23:57:59	600	43	2.0	#88f Mass Func	2	
0063.MF2736	900	4:18	07:34:11.1	+23:57:59	600	43	2.0	#88f Mass Func	2	
0064.COMP	20	4:33	07:34:11.1	+23:57:59	600	43	2.0	#88f Mass Func	2	
0065.Hiltner600	90	4:35	06:45:12.0	+02:06:00	600	2	2.0	#56 Photometri	2	
0066.Hiltner600	90	4:37	06:45:12.0	+02:06:00	600	2	2.0	#56 Photometri	2	
0067.COMP	20	4:39	06:45:12.0	+02:06:00	600	2	2.0	#56 Photometri	2	
0068.COMP	20	4:42	9:14:26.1	+36:6:44	600	40	2.0	#88f Mass Func	2	
0069.MF4026	900	4:45	9:14:26.1	+36:6:44	600	40	2.0	#88f Mass Func	2	
0070.MF4026	900	5:01	9:14:26.1	+36:6:44	600	40	2.0	#88f Mass Func	2	
0071.MF4026	900	5:16	9:14:26.1	+36:6:44	600	40	2.0	#88f Mass Func	2	
0072.COMP	20	5:31	9:14:26.1	+36:6:44	600	40	2.0	#88f Mass Func	2	
0073.COMP	20	5:33	08:08:19.4	+09:00:49	600	75	2.0	#88f Mass Func	2	
0074.MF7038	900	5:34	08:08:19.4	+09:00:49	600	75	2.0	#88f Mass Func	2	runaway during exposure - lost
0075.MF7038	900	5:50	08:08:19.4	+09:00:49	600	75	2.0	#88f Mass Func	2	
0076.MF7038	900	6:05	08:08:19.4	+09:00:49	600	75	2.0	#88f Mass Func	2	
0077.MF7038	900	6:21	08:08:19.4	+09:00:49	600	75	2.0	#88f Mass Func	2	
0078.COMP	20	6:36	08:08:19.4	+09:00:49	600	75	2.0	#88f Mass Func	2	moon is up
0079.COMP	20	6:37	08:23:55.3	+20:58:31	600	75	2.0	#88f Mass Func	2	a few thin clouds
0080.MF4016	900	6:38	08:23:55.3	+20:58:31	600	60	2.0	#88f Mass Func	2	clouds forming overhead
0081.MF4016	900	6:55	08:23:55.3	+20:58:31	600	60	2.0	#88f Mass Func	2	

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0082.COMP	10	7:10	08:23:55.3	+20:58:31	600	60	2.0	#88f Mass Func	2	ouch, fogged out in a hurry!
0083-0092.BIAS	0	10:18	08:23:55.3	+20:58:31	600	60	2.0	#88f Mass Func	2	
0093.FLAT	55	10:19	08:23:55.3	+20:58:31	600	60	2.0	#88f Mass Func	2	still foggy
0094-0112.FLAT	55	10:41	08:23:55.3	+20:58:31	600	60	2.0	#88f Mass Func	2	
0113-0122.DARK	900	13:00	08:23:55.3	+20:58:31	600	60	2.0	#88f Mass Func	2	

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0001-0002.DARK	900	0:43	03:18:42.0	31:30:13	300	90	3.0	none	4	
0003.DARK	900	0:58	03:33:50.0	31:30:14	300	90	3.0	none	4	
0004.DARK	900	1:13	03:49:01.0	31:30:15	300	90	3.0	none	4	
0005.DARK	900	1:28	04:04:11.0	31:30:16	300	90	3.0	none	4	
0006-0015.BIAS	0	1:46	04:07:09.0	31:30:16	300	90	3.0	none	4	
0016.FLAT	6	1:47	04:07:56.0	31:30:16	300	90	3.0	none	4	
0017-0025.FLAT	6	1:49	04:10:06.0	31:30:17	300	90	3.0	none	4	
0026-0035.BIAS	0	1:52	04:12:26.0	31:30:17	300	90	3.0	none	2	
0036-0045.FLAT	12	1:56	04:17:08.0	31:30:17	300	90	3.0	none	2	
0046.G191B2B	120	2:12	05:05:30.6	+52:49:51	300	90	3.0	#56 Photometri	4	
0047.G191B2B	120	2:14	05:05:30.6	+52:49:51	300	90	3.0	#56 Photometri	4	
0048.COMP	5	2:16	05:05:30.6	+52:49:51	300	90	3.0	#56 Photometri	4	
0049.G191B2B	120	2:17	05:05:30.6	+52:49:51	300	90	3.0	#56 Photometri	2	
0050.G191B2B	120	2:19	05:05:30.6	+52:49:51	300	90	3.0	#56 Photometri	2	
0051.COMP	12	2:22	05:05:30.6	+52:49:51	300	90	3.0	#56 Photometri	2	
0052.G191B2B	120	2:24	05:05:30.6	+52:49:51	300	13	3.0	#56 Photometri	2	
0053.G191B2B	120	2:26	05:05:30.6	+52:49:51	300	13	3.0	#56 Photometri	2	
0054.COMP	12	2:31	05:05:30.6	+52:49:51	300	13	3.0	#56 Photometri	2	
0055.NGC1700	180	2:36	04:56:58.1	-04:52:22	300	90	3.0	#57 Velocity S	2	
0056.COMP	12	2:40	04:56:58.1	-04:52:22	300	90	3.0	#57 Velocity S	2	

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0057.vso92778	600	3:02	5:38:44.5	1:59:43	300	90	3.0	#112 Orion PMS	2	
0058.COMP	12	3:13	5:38:44.5	1:59:43	300	90	3.0	#112 Orion PMS	2	
0059.vso93038	1020	3:15	5:38:54.1	2:01:56	300	90	3.0	#112 Orion PMS	2	
0060.COMP	12	3:35	5:38:54.1	2:01:56	300	90	3.0	#112 Orion PMS	2	
0061.vso93787	480	3:36	5:39:19.1	1:50:32	300	90	3.0	#112 Orion PMS	2	
0062.COMP	12	3:45	5:39:19.1	1:50:32	300	90	3.0	#112 Orion PMS	2	
0063.vso94159	1200	3:46	5:39:31.0	1:42:25	300	90	3.0	#112 Orion PMS	2	
0064.COMP	12	4:06	5:39:31.0	1:42:25	300	90	3.0	#112 Orion PMS	2	
0065.vso94485	1200	4:08	5:39:41.9	1:42:30	300	90	3.0	#112 Orion PMS	2	
0066.COMP	12	4:29	5:39:41.9	1:42:30	300	90	3.0	#112 Orion PMS	2	
0067.vso96607	900	4:32	5:40:52.8	1:39:49	300	90	3.0	#112 Orion PMS	2	
0068.vso96607	900	4:47	5:40:52.8	1:39:49	300	90	3.0	#112 Orion PMS	2	
0069.COMP	12	5:03	5:40:52.8	1:39:49	300	90	3.0	#112 Orion PMS	2	
0070.vso96684	1200	5:08	5:40:56.1	1:40:06	300	90	3.0	#112 Orion PMS	2	
0071.COMP	12	5:29	5:40:56.1	1:40:06	300	90	3.0	#112 Orion PMS	2	
0072.vso97287	480	5:30	5:41:18.0	1:34:30	300	90	3.0	#112 Orion PMS	2	
0073.COMP	12	5:38	5:41:18.0	1:34:30	300	90	3.0	#112 Orion PMS	2	
0074.vso98068	600	5:40	5:41:39.5	1:34:50	300	90	3.0	#112 Orion PMS	2	row=75
0075.COMP	12	5:50	5:41:39.5	1:34:50	300	90	3.0	#112 Orion PMS	2	
0076.vso100481	420	5:51	5:42:48.4	1:35:39	300	90	3.0	#112 Orion PMS	2	

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0077.COMP	12	5:59	5:42:48.4	1:35:39	300	90	3.0	#112 Orion PMS	2	
0078.vso100577	540	6:00	5:42:51.0	1:49:23	300	90	3.0	#112 Orion PMS	2	row=75
0079.COMP	12	6:10	5:42:51.0	1:49:23	300	90	3.0	#112 Orion PMS	2	
0080.vso102645	1020	6:12	5:44:05.6	1:55:47	300	90	3.0	#112 Orion PMS	2	
0081.COMP	12	6:29	5:44:05.6	1:55:47	300	90	3.0	#112 Orion PMS	2	
0082.BGGem	180	6:33	6:03:31	27:41:50	300	90	3.0	#100 BGGem	2	
0083.BGGem	900	6:37	6:03:31	27:41:50	300	90	3.0	#100 BGGem	2	
0084.COMP	12	6:52	6:03:31	27:41:50	300	90	3.0	#100 BGGem	2	
0085.sn2001G	900	6:59	09:09:33.1	+50:16:51	300	-5	3.0	#2 SN Observat	2	
0086.sn2001G	900	7:15	09:09:33.1	+50:16:51	300	-5	3.0	#2 SN Observat	2	
0087.COMP	12	7:30	09:09:33.1	+50:16:51	300	-5	3.0	#2 SN Observat	2	
0088.SN2001S	1200	7:37	10:11:57.2	+58:52:02	300	6	3.0	#2 SN Observat	2	row=75
0089.COMP	12	7:58	10:11:57.2	+58:52:02	300	6	3.0	#2 SN Observat	2	
0090.104524p18270_a	720	8:01	10:48:07.9	+18:11:20	300	90	3.0	#113 Galaxy In	2	
0091.COMP	12	8:13	10:48:07.9	+18:11:20	300	90	3.0	#113 Galaxy In	2	
0092.110048p45270_b	900	8:16	11:03:34.0	+45:10:13	300	90	3.0	#113 Galaxy In	2	
0093.110048p45270_b	900	8:31	11:03:34.0	+45:10:13	300	90	3.0	#113 Galaxy In	2	
0094.COMP	12	8:47	11:03:34.0	+45:10:13	300	90	3.0	#113 Galaxy In	2	
0095.113742p18000_c	900	8:48	11:40:17.2	+17:48:04	300	90	3.0	#113 Galaxy In	2	
0096.113742p18000_c	900	9:03	11:40:17.2	+17:48:04	300	90	3.0	#113 Galaxy In	2	

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0097.COMP	12	9:19	11:40:17.2	+17:48:04	300	90	3.0	#113 Galaxy In	2	
0098.114148p16500_a.b	1200	9:21	11:44:28.3	+16:33:28	300	70	3.0	#113 Galaxy In	2	B=row38
0099.COMP	12	9:41	11:44:28.3	+16:33:28	300	70	3.0	#113 Galaxy In	2	
0100.123024p11410_a	1020	9:43	12:32:52.1	+11:24:14	300	90	3.0	#113 Galaxy In	2	
0101.COMP	12	10:00	12:32:52.1	+11:24:14	300	90	3.0	#113 Galaxy In	2	
0102.123024p11410_b	1200	10:01	12:32:56.7	+11:23:24	300	90	3.0	#113 Galaxy In	2	
0103.123024p11410_b	1200	10:22	12:32:56.7	+11:23:24	300	90	3.0	#113 Galaxy In	2	
0104.COMP	12	10:42	12:32:56.7	+11:23:24	300	90	3.0	#113 Galaxy In	2	
0105.SN2001R	1200	10:51	13:29:16.9	+17:02:41	300	-16	3.0	#2 SN Observat	2	
0106.SN2001R	1200	11:11	13:29:16.9	+17:02:41	300	-16	3.0	#2 SN Observat	2	
0107.COMP	12	11:32	13:29:16.9	+17:02:41	300	-16	3.0	#2 SN Observat	2	
0108.nrgb184.253	1200	11:45	12:08:21.4	+25:36:06	300	90	3.0	#59 X-Ray Grou	2	
0109.COMP	12	12:05	12:08:21.4	+25:36:06	300	90	3.0	#59 X-Ray Grou	2	
0110.nrgb184.253	1200	12:06	12:08:21.4	+25:36:06	300	90	3.0	#59 X-Ray Grou	2	Clouds moving in
0111.COMP	12	12:26	12:08:21.4	+25:36:06	300	90	3.0	#59 X-Ray Grou	2	Wait out clouds
0112-0121.BIAS	0	12:42	12:08:21.4	+25:36:06	300	90	3.0	#59 X-Ray Grou	4	
0122-0131.FLAT	6	12:45	12:08:21.4	+25:36:06	300	90	3.0	#59 X-Ray Grou	4	
0132-0141.BIAS	0	12:51	12:08:21.4	+25:36:06	300	90	3.0	#59 X-Ray Grou	2	
0142-0151.FLAT	12	12:56	12:08:21.4	+25:36:06	300	90	3.0	#59 X-Ray Grou	2	
0152-0161.DARK	900	15:55	12:08:21.4	+25:36:06	300	90	3.0	#59 X-Ray Grou	2	

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0001-0010.DARK	900	0:57	12:08:21.4	+25:36:06	300	90	3.0	#59 X-Ray Grou	4	
0011-0020.BIAS	0	1:17	12:08:21.4	+25:36:06	300	90	3.0	#59 X-Ray Grou	4	
0021-0030.FLAT	6	1:21	12:08:21.4	+25:36:06	300	90	3.0	#59 X-Ray Grou	4	
0031-0040.BIAS	0	1:24	12:08:21.4	+25:36:06	300	90	3.0	#59 X-Ray Grou	2	
0041-0050.FLAT	12	1:29	12:08:21.4	+25:36:06	300	90	3.0	#59 X-Ray Grou	2	
0051.Hiltner600	45	1:57	06:45:12.0	+02:06:00	300	90	3.0	#56 Photometri	4	
0052.Hiltner600	45	1:58	06:45:12.0	+02:06:00	300	90	3.0	#56 Photometri	4	
0053.COMP	5	1:59	06:45:12.0	+02:06:00	300	90	3.0	#56 Photometri	4	
0054.Hiltner600	45	2:00	06:45:12.0	+02:06:00	300	90	3.0	#56 Photometri	2	
0055.Hiltner600	45	2:01	06:45:12.0	+02:06:00	300	90	3.0	#56 Photometri	2	
0056.COMP	12	2:02	06:45:12.0	+02:06:00	300	90	3.0	#56 Photometri	2	
0057.NGC1700	240	2:07	04:56:58.1	-04:52:22	300	90	3.0	#57 Velocity S	2	
0058.COMP	12	2:11	04:56:58.1	-04:52:22	300	90	3.0	#57 Velocity S	2	
0059.MRK335	180	2:15	00:06:19.6	+20:12:11	300	90	3.0	#6 AGN Monitor	2	
0060.MRK335	180	2:18	00:06:19.6	+20:12:11	300	90	3.0	#6 AGN Monitor	2	
0061.COMP	12	2:22	00:06:19.6	+20:12:11	300	90	3.0	#6 AGN Monitor	2	
0062.BGGem	180	2:25	6:03:31	27:41:50	300	90	3.0	#100 BGGem	2	
0063.BGGem	900	2:32	6:03:31	27:41:50	300	90	3.0	#100 BGGem	2	
0064.COMP	12	2:47	6:03:31	27:41:50	300	90	3.0	#100 BGGem	2	
0065.FLAT	15	2:52	6:03:31	27:41:50	300	90	2.0	none	2	slit=2

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0066-0074.FLAT	15	2:56	6:03:31	27:41:50	300	90	2.0	none	2	
0075.SA92-424	150	2:59	01:55:26.0	+00:56:43	300	90	2.0	#87f Irac Star	2	
0076.SA92-424	360	3:08	01:55:26.0	+00:56:43	300	90	2.0	#87f Irac Star	2	
0077.COMP	12	3:14	01:55:26.0	+00:56:43	300	90	2.0	#87f Irac Star	2	
0078.BDp20_417	70	3:16	02:32:14.4	+20:49:08	300	90	2.0	#87f Irac Star	2	
0079.BDp20_417	120	3:18	02:32:14.4	+20:49:08	300	90	2.0	#87f Irac Star	2	
0080.COMP	12	3:20	02:32:14.4	+20:49:08	300	90	2.0	#87f Irac Star	2	
0081.BDp14_549	70	3:22	03:18:20.3	+15:25:41	300	90	2.0	#87f Irac Star	2	
0082.BDp14_549	120	3:24	03:18:20.3	+15:25:41	300	90	2.0	#87f Irac Star	2	
0083.COMP	12	3:26	03:18:20.3	+15:25:41	300	90	2.0	#87f Irac Star	2	
0084.BDp23_565	30	3:28	03:49:54.7	+24:13:06	300	90	2.0	#87f Irac Star	2	
0085.BDp23_565	60	3:28	03:49:54.7	+24:13:06	300	90	2.0	#87f Irac Star	2	
0086.COMP	12	3:30	03:49:54.7	+24:13:06	300	90	2.0	#87f Irac Star	2	
0087.BDp22_682	70	3:31	04:21:40.3	+23:06:42	300	90	2.0	#87f Irac Star	2	
0088.BDp22_682	120	3:33	04:21:40.3	+23:06:42	300	90	2.0	#87f Irac Star	2	
0089.COMP	12	3:36	04:21:40.3	+23:06:42	300	90	2.0	#87f Irac Star	2	
0090.HD285779	180	3:37	04:27:01.9	+17:48:54	300	90	2.0	#87f Irac Star	2	
0091.HD285779	300	3:41	04:27:01.9	+17:48:54	300	90	2.0	#87f Irac Star	2	
0092.COMP	12	3:46	04:27:01.9	+17:48:54	300	90	2.0	#87f Irac Star	2	
0093.HD284525	180	3:48	04:33:03.4	+19:22:26	300	90	2.0	#87f Irac Star	2	

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0094.HD284525	360	3:55	04:33:03.4	+19:22:26	300	90	2.0	#87f Irac Star	2	
0095.COMP	12	4:02	04:33:03.4	+19:22:26	300	90	2.0	#87f Irac Star	2	
0096.HD285899	70	4:03	04:34:49.0	+18:03:23	300	90	2.0	#87f Irac Star	2	
0097.HD285899	120	4:05	04:34:49.0	+18:03:23	300	90	2.0	#87f Irac Star	2	
0098.COMP	12	4:07	04:34:49.0	+18:03:23	300	90	2.0	#87f Irac Star	2	
0099.HOAG22	480	4:10	06:08:38.3	+13:59:07	300	90	2.0	#87f Irac Star	2	
0100.HOAG22	1020	4:18	06:08:38.3	+13:59:07	300	90	2.0	#87f Irac Star	2	
0101.COMP	12	4:36	06:08:38.3	+13:59:07	300	90	2.0	#87f Irac Star	2	
0102.vso102924	600	4:40	5:44:15.3	1:43:40	300	90	3.0	#112 Orion PMS	2	slit=3
0103.COMP	12	4:50	5:44:15.3	1:43:40	300	90	3.0	#112 Orion PMS	2	
0104.vso104019	480	4:51	5:44:52.0	1:54:18	300	90	3.0	#112 Orion PMS	2	
0105.COMP	12	5:00	5:44:52.0	1:54:18	300	90	3.0	#112 Orion PMS	2	
0106.vso106282	900	5:01	5:46:02.4	1:52:15	300	90	3.0	#112 Orion PMS	2	
0107.COMP	12	5:16	5:46:02.4	1:52:15	300	90	3.0	#112 Orion PMS	2	
0108.vso106897	600	5:17	5:46:18.8	1:54:49	300	90	3.0	#112 Orion PMS	2	
0109.COMP	12	5:28	5:46:18.8	1:54:49	300	90	3.0	#112 Orion PMS	2	
0110.vso108462	1020	5:30	5:47:16.0	1:52:40	300	90	3.0	#112 Orion PMS	2	
0111.COMP	12	5:49	5:47:16.0	1:52:40	300	90	3.0	#112 Orion PMS	2	
0112.vso109461	480	5:51	5:47:47.5	1:34:36	300	90	3.0	#112 Orion PMS	2	
0113.COMP	12	5:59	5:47:47.5	1:34:36	300	90	3.0	#112 Orion PMS	2	

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0114.vso113566	660	6:01	5:49:40.3	1:33:56	300	90	3.0	#112 Orion PMS	2	get again, more counts
0115.COMP	12	6:13	5:49:40.3	1:33:56	300	90	3.0	#112 Orion PMS	2	
0116.vso113566	660	6:14	5:49:40.3	1:33:56	300	90	3.0	#112 Orion PMS	2	
0117.COMP	12	6:26	5:49:40.3	1:33:56	300	90	3.0	#112 Orion PMS	2	
0118.vso114862	480	6:27	5:50:21.4	1:36:35	300	90	3.0	#112 Orion PMS	2	
0119.COMP	12	6:36	5:50:21.4	1:36:35	300	90	3.0	#112 Orion PMS	2	
0120.vso115207	660	6:38	5:50:31.0	1:36:22	300	90	3.0	#112 Orion PMS	2	
0121.COMP	12	6:49	5:50:31.0	1:36:22	300	90	3.0	#112 Orion PMS	2	
0122.vso115539	1200	6:50	5:50:39.4	1:52:28	300	90	3.0	#112 Orion PMS	2	
0123.COMP	12	7:11	5:50:39.4	1:52:28	300	90	3.0	#112 Orion PMS	2	
0124.092724+09000_a	1020	7:14	09:30:04.1	08:46:59	300	90	3.0	#113 Galaxy In	2	
0125.COMP	12	7:32	09:30:04.1	08:46:59	300	90	3.0	#113 Galaxy In	2	
0126.092724+09000_b	480	7:33	09:29:55.0	08:47:04	300	90	3.0	#113 Galaxy In	2	
0127.COMP	12	7:41	09:29:55.0	08:47:04	300	90	3.0	#113 Galaxy In	2	
0128.094100+11180_a	900	7:43	09:43:40.3	11:03:38	300	90	3.0	#113 Galaxy In	2	
0129.COMP	12	7:58	09:43:40.3	11:03:38	300	90	3.0	#113 Galaxy In	2	
0130.094100+11180_b	900	7:59	09:43:46.8	11:02:45	300	90	3.0	#113 Galaxy In	2	
0131.COMP	12	8:15	09:43:46.8	11:02:45	300	90	3.0	#113 Galaxy In	2	
0132.094354+42450_a	1200	8:17	09:47:04.3	42:31:15	300	64	3.0	#113 Galaxy In	2	
0133.COMP	12	8:37	09:47:04.3	42:31:15	300	64	3.0	#113 Galaxy In	2	

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0134.094354+42450_b	1020	8:38	09:47:01.9	42:28:58	300	90	3.0	#113 Galaxy In	2	
0135.COMP	12	8:56	09:47:01.9	42:28:58	300	90	3.0	#113 Galaxy In	2	
0136.SN2001N	1200	8:59	10:39:58.0	+24:05:26	300	49	3.0	#2 SN Observat	2	
0137.COMP	12	9:19	10:39:58.0	+24:05:26	300	49	3.0	#2 SN Observat	2	
0138.nrgb184.254	1020	9:23	12:08:21.4	+25:21:47	300	90	3.0	#59 X-Ray Grou	4	
0139.COMP	5	9:41	12:08:21.4	+25:21:47	300	90	3.0	#59 X-Ray Grou	4	
0140.nrgb184.255	1020	9:42	12:08:21.6	+25:02:33	300	90	3.0	#59 X-Ray Grou	4	
0141.COMP	5	9:59	12:08:21.6	+25:02:33	300	90	3.0	#59 X-Ray Grou	4	
0142.nrgb184.256	1020	10:00	12:08:21.6	+25:11:25	300	90	3.0	#59 X-Ray Grou	4	
0143.COMP	5	10:18	12:08:21.6	+25:11:25	300	90	3.0	#59 X-Ray Grou	4	
0144.nrgb184.257	1020	10:18	12:08:26.1	+24:19:06	300	90	3.0	#59 X-Ray Grou	4	
0145.COMP	5	10:36	12:08:26.1	+24:19:06	300	90	3.0	#59 X-Ray Grou	4	
0146.COLA_107	900	10:42	10:13:01	17:02:03	300	90	3.0	#124 COLA	2	clouds getting thicker
0147.COMP	12	10:57	10:13:01	17:02:03	300	90	3.0	#124 COLA	2	
0148.COLA_108	1200	10:59	10:22:20	21:34:10	300	90	3.0	#124 COLA	2	
0149.COMP	12	11:20	10:22:20	21:34:10	300	90	3.0	#124 COLA	2	
0150.HZ44	240	11:32	13:23:35.2	+36:07:59	300	110	3.0	#56 Photometri	2	
0151.COMP	12	11:37	13:23:35.2	+36:07:59	300	110	3.0	#56 Photometri	2	
0152-0161.BIAS	0	12:09	14:32:53.1	-12:58:43	300	90	3.0	#56 Photometri	4	
0162-0171.FLAT	6	12:12	14:32:53.1	-12:58:43	300	90	3.0	#56 Photometri	4	

UT Date 2001-02-17 Observers M CalkinsColl. Focus 1000 Grating/Grism 300

<i>File</i>	<i>Exp Time</i>	<i>UT Start</i>	<i>RA</i>	<i>Dec</i>	<i>Gr.</i>	<i>P.A.</i>	<i>Slit</i>	<i>Program</i>	<i>Bin</i>	<i>Comments</i>
0172-0181.BIAS	0	12:15	14:32:53.1	-12:58:43	300	90	3.0	#56 Photometri	2	
0182-0191.FLAT	12	12:21	14:32:53.1	-12:58:43	300	90	3.0	#56 Photometri	2	
0192-0201.DARK	900	14:44	14:32:53.1	-12:58:43	300	90	3.0	#56 Photometri	2	

UT Date 2001-02-19 Observers P BerlindColl. Focus 1000 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001.BIAS	0	0:55	03:27:57.0	31:30:14	300	90	3.0	#56 Photometri	4	Hi Susan!
0002-0010.BIAS	0	0:57	03:29:14.0	31:30:14	300	90	3.0	#56 Photometri	4	
0011-0020.FLAT	8	1:00	03:32:34.0	31:30:14	300	90	3.0	#56 Photometri	4	
0021-0030.BIAS	0	1:02	03:34:59.0	31:30:14	300	90	3.0	#56 Photometri	2	
0031.FLAT	16	1:03	03:35:34.0	31:30:14	300	90	3.0	#56 Photometri	2	clear skies
0032-0035.FLAT	16	1:05	03:37:35.0	31:30:14	300	90	3.0	#56 Photometri	2	
0036-0040.FLAT	16	1:07	03:40:07.0	31:30:15	300	90	3.0	#56 Photometri	2	
0041.HD12623	3	2:09	02:02:19	+62:56:04	300	90	3.0	#57 Velocity S	4	
0042.HD12623	3	2:09	02:02:19	+62:56:04	300	90	3.0	#57 Velocity S	4	
0043.HD12623	3	2:10	02:02:19	+62:56:04	300	90	3.0	#57 Velocity S	4	
0044.COMP	5	2:10	02:02:19	+62:56:04	300	90	3.0	#57 Velocity S	4	
0045.srgb115.086	240	2:19	01:43:45.2	+12:09:46	300	90	3.0	#59 X-Ray Grou	4	
0046.COMP	5	2:23	01:43:45.2	+12:09:46	300	90	3.0	#59 X-Ray Grou	4	
0047.srgb115.090	180	2:24	01:44:30.0	+12:25:44	300	90	3.0	#59 X-Ray Grou	4	
0048.COMP	5	2:28	01:44:30.0	+12:25:44	300	90	3.0	#59 X-Ray Grou	4	
0049.sheep18a	480	2:28	01:40:05.2	+06:26:45	300	90	3.0	#125 Hard X-Ra	4	good seeing!
0050.COMP	5	2:37	01:40:05.2	+06:26:45	300	90	3.0	#125 Hard X-Ra	4	
0051.sheep18b	1200	2:37	01:40:06.5	+06:29:38	300	90	3.0	#125 Hard X-Ra	4	
0052.COMP	5	2:58	01:40:06.5	+06:29:38	300	90	3.0	#125 Hard X-Ra	4	
0053.sheep34ab	1200	3:01	02:07:44.6	+35:11:21	300	27	3.0	#125 Hard X-Ra	2	a is @ row75, b is @ row 95

UT Date 2001-02-19 Observers P BerlindColl. Focus 1000 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0054.COMP	10	3:21	02:07:44.6	+35:11:21	300	27	3.0	#125 Hard X-Ra	2	also try to get faint c @ row 113
0055.COLA_27	720	3:23	02:17:59	14:32:43	300	90	3.0	#124 COLA	2	
0056.COMP	10	3:36	02:17:59	14:32:43	300	90	3.0	#124 COLA	2	
0057.COLA_29	720	3:36	02:28:11	19:35:58	300	90	3.0	#124 COLA	2	
0058.COMP	10	3:50	02:28:11	19:35:58	300	90	3.0	#124 COLA	2	
0059.COLA_29b	900	3:51	02:28:11	19:35:58	300	90	3.0	#124 COLA	2	
0060.COMP	10	4:07	02:28:11	19:35:58	300	90	3.0	#124 COLA	2	
0061.COLA_37	900	4:07	02:46:39.1	21:35:10	300	90	3.0	#124 COLA	2	
0062.COMP	10	4:23	02:46:39.1	21:35:10	300	90	3.0	#124 COLA	2	
0063.COLA_52	720	4:24	04:03:44.0	22:09:32	300	90	3.0	#124 COLA	2	
0064.COMP	10	4:37	04:03:44.0	22:09:32	300	90	3.0	#124 COLA	2	
0065.COLA_60	900	4:38	04:46:29.6	18:27:39	300	90	3.0	#124 COLA	2	
0066.COMP	10	4:54	04:46:29.6	18:27:39	300	90	3.0	#124 COLA	2	
0067.COLA_70ab	1200	4:55	05:08:21.2	17:22:08	300	90	3.0	#124 COLA	2	a is @ row 79; b is @ row 105
0068.COMP	10	5:16	05:08:21.2	17:22:08	300	90	3.0	#124 COLA	2	
0069.COLA_77	900	5:17	05:43:05.5	00:37:12	300	90	3.0	#124 COLA	2	
0070.COMP	5	5:33	05:43:05.5	00:37:12	300	90	3.0	#124 COLA	2	
0071.COLA_87	720	5:34	07:09:12.3	20:36:14	300	90	3.0	#124 COLA	2	
0072.COMP	10	5:47	07:09:12.3	20:36:14	300	90	3.0	#124 COLA	2	
0073.COLA_91	900	5:49	07:35:43.4	11:42:35	300	90	3.0	#124 COLA	2	

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<i>File</i>	<i>Exp Time</i>	<i>UT Start</i>	<i>RA</i>	<i>Dec</i>	<i>Gr.</i>	<i>P.A.</i>	<i>Slit</i>	<i>Program</i>	<i>Bin</i>	<i>Comments</i>
0074.COMP	10	6:05	07:35:43.4	11:42:35	300	90	3.0	#124 COLA	2	
0075.COLA_90	720	6:06	07:28:53.4	33:49:08	300	90	3.0	#124 COLA	2	
0076.COMP	10	6:18	07:28:53.4	33:49:08	300	90	3.0	#124 COLA	2	
0077.COLA_93	600	6:19	07:59:38.8	24:58:56	300	90	3.0	#124 COLA	2	
0078.COMP	10	6:30	07:59:38.8	24:58:56	300	90	3.0	#124 COLA	2	
0079.COLA_98	900	6:31	08:38:24.0	25:45:16	300	90	3.0	#124 COLA	2	
0080.COMP	10	6:46	08:38:24.0	25:45:16	300	90	3.0	#124 COLA	2	
0081.MRK110	360	6:47	09:25:12.9	+52:17:10	300	0	3.0	#6 AGN Monitor	4	
0082.COMP	5	6:54	09:25:12.9	+52:17:10	300	0	3.0	#6 AGN Monitor	4	
0083.COLA_101	720	6:56	08:58:50	06:17:35	300	90	3.0	#124 COLA	2	
0084.COMP	10	7:08	08:58:50	06:17:35	300	90	3.0	#124 COLA	2	
0085.COLA_101bnorth	600	7:09	08:59:23	06:19:27	300	90	3.0	#124 COLA	2	
0086.COLA_101bsouth	600	7:20	08:59:23	06:19:27	300	90	3.0	#124 COLA	2	
0087.COMP	10	7:30	08:59:23	06:19:27	300	90	3.0	#124 COLA	2	
0088.COLA_101c	1200	7:31	08:58:25	06:20:05	300	90	3.0	#124 COLA	2	
0089.COMP	10	7:52	08:58:25	06:20:05	300	90	3.0	#124 COLA	2	
0090.COLA_101c	1200	7:53	08:58:25	06:20:05	300	90	3.0	#124 COLA	2	
0091.COMP	10	8:13	08:58:25	06:20:05	300	90	3.0	#124 COLA	2	
0092.COLA_105	900	8:14	09:46:21	03:04:17	300	90	3.0	#124 COLA	2	
0093.COMP	10	8:29	09:46:21	03:04:17	300	90	3.0	#124 COLA	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0094.Feige34	90	8:32	10:39:36.7	+43:06:09	300	-25	3.0	#56 Photometri	2	
0095.Feige34	90	8:33	10:39:36.7	+43:06:09	300	-25	3.0	#56 Photometri	2	
0096.COMP	10	8:35	10:39:36.7	+43:06:09	300	-25	3.0	#56 Photometri	2	
0097.N3227	90	8:37	10:23:30.6	+19:51:54	300	41	3.0	#6 AGN Monitor	4	
0098.N3227	90	8:38	10:23:30.6	+19:51:54	300	41	3.0	#6 AGN Monitor	4	
0099.N3227	90	8:40	10:23:30.6	+19:51:54	300	41	3.0	#6 AGN Monitor	4	
0100.COMP	5	8:42	10:23:30.6	+19:51:54	300	41	3.0	#6 AGN Monitor	4	
0101.MRK421	240	8:43	11:04:27.4	+38:12:32	300	90	3.0	#6 AGN Monitor	4	
0102.COMP	5	8:47	11:04:27.4	+38:12:32	300	90	3.0	#6 AGN Monitor	4	
0103.COLA_119	1200	8:49	11:57:20.8	25:11:42	300	90	3.0	#124 COLA	2	cool edge on spiral w/ dust-lane (ngc 3987)
0104.COMP	10	9:09	11:57:20.8	25:11:42	300	90	3.0	#124 COLA	2	plus bonus supernova!!!!
0105.SNngc3987	120	9:11	11:57:25.0	25:12:10	300	90	3.0	#2 SN Observat	2	new sn!!!
0106.SNngc3987	1200	9:13	11:57:25.0	25:12:10	300	90	3.0	#2 SN Observat	2	
0107.COMP	10	9:33	11:57:25.0	25:12:10	300	90	3.0	#2 SN Observat	2	
0108.SN2001P	360	9:37	11:53:21.5	+20:44:53	300	40	3.0	#2 SN Observat	2	
0109.SN2001P	1200	9:44	11:53:21.5	+20:44:53	300	40	3.0	#2 SN Observat	2	
0110.COMP	10	10:04	11:53:21.5	+20:44:53	300	40	3.0	#2 SN Observat	2	
0111.SN2001P	1200	10:05	11:53:21.5	+20:44:53	300	40	3.0	#2 SN Observat	2	
0112.COMP	10	10:25	11:53:21.5	+20:44:53	300	40	3.0	#2 SN Observat	2	
0113.COLA_118	900	10:27	11:43:54	10:47:06	300	40	3.0	#124 COLA	2	

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<i>File</i>	<i>Exp Time</i>	<i>UT Start</i>	<i>RA</i>	<i>Dec</i>	<i>Gr.</i>	<i>P.A.</i>	<i>Slit</i>	<i>Program</i>	<i>Bin</i>	<i>Comments</i>
0114.COMP	10	10:43	11:43:54	10:47:06	300	40	3.0	#124 COLA	2	
0115.COLA_121	720	10:44	12:12:30.9	29:10:06	300	40	3.0	#124 COLA	2	
0116.COMP	10	10:56	12:12:30.9	29:10:06	300	40	3.0	#124 COLA	2	
0117.HZ44	120	10:57	13:23:35.2	+36:07:59	300	40	3.0	#56 Photometri	2	
0118.COMP	10	11:00	13:23:35.2	+36:07:59	300	40	3.0	#56 Photometri	2	
0119.COLA_125	600	11:00	12:18:26.5	29:48:46	300	40	3.0	#124 COLA	2	
0120.COMP	10	11:11	12:18:26.5	29:48:46	300	40	3.0	#124 COLA	2	
0121.N4051	120	11:12	12:03:09.7	+44:31:53	300	110	3.0	#6 AGN Monitor	4	
0122.N4051	120	11:14	12:03:09.7	+44:31:53	300	110	3.0	#6 AGN Monitor	4	
0123.COMP	5	11:16	12:03:09.7	+44:31:53	300	110	3.0	#6 AGN Monitor	4	
0124.N4151	30	11:17	12:10:32.6	+39:24:21	300	100	3.0	#6 AGN Monitor	4	
0125.N4151	30	11:18	12:10:32.6	+39:24:21	300	100	3.0	#6 AGN Monitor	4	
0126.N4151	30	11:19	12:10:32.6	+39:24:21	300	100	3.0	#6 AGN Monitor	4	
0127.COMP	5	11:19	12:10:32.6	+39:24:21	300	100	3.0	#6 AGN Monitor	4	
0128.SN2001U	1200	11:24	14:04:42.9	-09:42:29	300	0	3.0	#2 SN Observat	2	clouds! type II
0129.COMP	10	11:45	14:04:42.9	-09:42:29	300	0	3.0	#2 SN Observat	2	band of clouds moving through...
0130.SN2001T	1200	11:51	14:32:53.1	-12:58:43	300	0	3.0	#2 SN Observat	2	type II
0131.COMP	10	12:12	14:32:53.1	-12:58:43	300	0	3.0	#2 SN Observat	2	
0132.N5548	120	12:14	14:17:59.6	+25:08:12	300	45	3.0	#6 AGN Monitor	4	
0133.N5548	120	12:16	14:17:59.6	+25:08:12	300	45	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>
0134.COMP	5	12:18	14:17:59.6	+25:08:12	300	45	3.0	#6 AGN Monitor	4	
0135.COLA_127	900	12:20	12:23:24	07:28:24	300	45	3.0	#124 COLA	2	
0136.COMP	10	12:36	12:23:24	07:28:24	300	45	3.0	#124 COLA	2	
0137.COLA_136	900	12:37	13:15:03.5	24:37:07	300	45	3.0	#124 COLA	2	
0138.COMP	10	12:52	13:15:03.5	24:37:07	300	45	3.0	#124 COLA	2	
0139.COLA_151	900	12:53	14:30:10	31:12:54	300	45	3.0	#124 COLA	2	another band of clouds
0140.COMP	10	13:10	14:30:10	31:12:54	300	45	3.0	#124 COLA	2	
0141.BDp332642	60	13:12	15:51:59.8	+32:56:54	300	45	3.0	#56 Photometri	4	
0142.BDp332642	60	13:13	15:51:59.8	+32:56:54	300	45	3.0	#56 Photometri	4	
0143.COMP	5	13:15	15:51:59.8	+32:56:54	300	45	3.0	#56 Photometri	4	
0144.BIAS	0	13:19	15:51:59.8	+32:56:54	300	45	3.0	#6 AGN Monitor	4	clouds all over @ dawn
0145-0153.BIAS	0	13:20	15:51:59.8	+32:56:54	300	45	3.0	#6 AGN Monitor	4	
0154-0163.FLAT	8	13:24	15:51:59.8	+32:56:54	300	45	3.0	#6 AGN Monitor	4	
0164-0173.BIAS	0	13:27	15:51:59.8	+32:56:54	300	45	3.0	#6 AGN Monitor	2	
0174-0183.FLAT	16	13:35	15:51:59.8	+32:56:54	300	45	3.0	#6 AGN Monitor	2	
0184-0193.DARK	900	16:32	15:51:59.8	+32:56:54	300	45	3.0	#6 AGN Monitor	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001-0006.DARK	900	1:03	15:51:59.8	+32:56:54	300	45	3.0	#6 AGN Monitor	4	
0007-0020.BIAS	0	1:37	04:12:00	32:00:00	300	90	3.0	#6 AGN Monitor	4	
0021.FLAT	8	1:38	04:12:00	32:00:00	300	90	3.0	#6 AGN Monitor	4	clouds moving in from west
0022-0030.FLAT	8	1:40	04:12:00	32:00:00	300	90	3.0	#6 AGN Monitor	4	
0031-0040.BIAS	0	1:43	04:12:00	32:00:00	300	90	3.0	#6 AGN Monitor	2	
0041-0050.FLAT	16	1:48	04:12:00	32:00:00	300	90	3.0	#6 AGN Monitor	2	
0051.HD12623	3	1:55	02:02:19	+62:56:04	300	90	3.0	#57 Velocity S	4	
0052.HD12623	3	1:55	02:02:19	+62:56:04	300	90	3.0	#57 Velocity S	4	
0053.HD12623	3	1:56	02:02:19	+62:56:04	300	90	3.0	#57 Velocity S	4	
0054.COMP	5	1:57	02:02:19	+62:56:04	300	90	3.0	#57 Velocity S	4	
0055.021913p570741	30	1:59	02:19:13.8	+57:07:41	300	90	3.0	#83 h/chi Pers	2	Be*s
0056.021913p570741	30	2:00	02:19:13.8	+57:07:41	300	90	3.0	#83 h/chi Pers	2	
0057.COMP	5	2:01	02:19:13.8	+57:07:41	300	90	3.0	#83 h/chi Pers	2	
0058.021926p570441	15	2:02	02:19:26.4	+57:04:41	300	90	3.0	#83 h/chi Pers	2	
0059.021926p570441	5	2:03	02:19:26.4	+57:04:41	300	90	3.0	#83 h/chi Pers	2	
0060.021926p570441	15	2:03	02:19:26.4	+57:04:41	300	90	3.0	#83 h/chi Pers	2	
0061.021928p570703	15	2:04	02:19:28.5	+57:07:03	300	90	3.0	#83 h/chi Pers	2	
0062.021928p570703	45	2:05	02:19:28.5	+57:07:03	300	90	3.0	#83 h/chi Pers	2	
0063.021928p570703	45	2:06	02:19:28.5	+57:07:03	300	90	3.0	#83 h/chi Pers	2	
0064.021929p571123	60	2:07	02:19:29.0	+57:11:23	300	90	3.0	#83 h/chi Pers	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0065.021929p571123	60	2:08	02:19:29.0	+57:11:23	300	90	3.0	#83 h/chi Pers	2	
0066.COMP	10	2:10	02:19:29.0	+57:11:23	300	90	3.0	#83 h/chi Pers	2	
0067.022143p570729	15	2:11	02:21:43.2	+57:07:29	300	90	3.0	#83 h/chi Pers	2	
0068.022143p570729	15	2:11	02:21:43.2	+57:07:29	300	90	3.0	#83 h/chi Pers	2	
0069.022144p571051	90	2:12	02:21:44.3	+57:10:51	300	90	3.0	#83 h/chi Pers	2	
0070.022144p571051	90	2:14	02:21:44.3	+57:10:51	300	90	3.0	#83 h/chi Pers	2	
0071.022153p570955	30	2:16	02:21:53.0	+57:09:55	300	90	3.0	#83 h/chi Pers	2	
0072.022153p570955	30	2:17	02:21:53.0	+57:09:55	300	90	3.0	#83 h/chi Pers	2	
0073.COMP	5	2:18	02:21:53.0	+57:09:55	300	90	3.0	#83 h/chi Pers	2	
0074.COLA_41	1200	2:22	02:55:57.2	00:41:33	300	90	3.0	#124 COLA	2	clouds holding off to west
0075.COMP	10	2:43	02:55:57.2	00:41:33	300	90	3.0	#124 COLA	2	
0076.COLA_40	900	2:44	02:53:50	12:50:54	300	90	3.0	#124 COLA	2	
0077.COMP	10	2:59	02:53:50	12:50:54	300	90	3.0	#124 COLA	2	
0078.COLA_39	720	3:00	02:53:41.5	13:00:48	300	90	3.0	#124 COLA	2	
0079.COMP	10	3:12	02:53:41.5	13:00:48	300	90	3.0	#124 COLA	2	
0080.COLA_31	720	3:13	02:37:25.5	21:06:03	300	90	3.0	#124 COLA	2	
0081.COMP	10	3:26	02:37:25.5	21:06:03	300	90	3.0	#124 COLA	2	
0082.COLA_63	600	3:27	04:54:38	03:16:05	300	90	3.0	#124 COLA	2	
0083.COMP	10	3:37	04:54:38	03:16:05	300	90	3.0	#124 COLA	2	
0084.COLA_71	720	3:38	05:11:46	05:12:02	300	90	3.0	#124 COLA	2	

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0085.COMP	10	3:51	05:11:46	05:12:02	300	90	3.0	#124 COLA	2	
0086.BGGem	180	3:52	6:03:31	27:41:50	300	90	3.0	#100 BGGem	2	
0087.BGGem	900	3:55	6:03:31	27:41:50	300	90	3.0	#100 BGGem	2	
0088.COMP	10	4:11	6:03:31	27:41:50	300	90	3.0	#100 BGGem	2	
0089.Hiltner600	45	4:13	06:45:12.0	+02:06:00	300	3	3.0	#56 Photometri	2	
0090.Hiltner600	45	4:14	06:45:12.0	+02:06:00	300	3	3.0	#56 Photometri	2	
0091.COMP	10	4:15	06:45:12.0	+02:06:00	300	3	3.0	#56 Photometri	2	
0092.COLA_74	1200	4:17	05:20:41	08:48:31	300	46	3.0	#124 COLA	2	
0093.COMP	10	4:38	05:20:41	08:48:31	300	46	3.0	#124 COLA	2	
0094.COLA_74	1200	4:39	05:20:41	08:48:31	300	46	3.0	#124 COLA	2	
0095.COMP	10	4:59	05:20:41	08:48:31	300	46	3.0	#124 COLA	2	
0096.vso116377	720	5:02	5:51:07.2	1:49:51	300	46	3.0	#112 Orion PMS	4	
0097.COMP	5	5:14	5:51:07.2	1:49:51	300	46	3.0	#112 Orion PMS	4	
0098.vso116407	720	5:15	5:51:08.5	1:35:25	300	46	3.0	#112 Orion PMS	4	
0099.COMP	5	5:28	5:51:08.5	1:35:25	300	46	3.0	#112 Orion PMS	4	
0100.vso116499	600	5:29	5:51:11.3	1:43:02	300	46	3.0	#112 Orion PMS	4	thin clouds
0101.COMP	5	5:39	5:51:11.3	1:43:02	300	46	3.0	#112 Orion PMS	4	
0102.vso116504EW	900	5:41	5:51:11.6	1:53:39	300	70	3.0	#112 Orion PMS	2	close E-W pair; cosmic @ H-alpha
0103.COMP	10	5:58	5:51:11.6	1:53:39	300	70	3.0	#112 Orion PMS	2	
0104.SNngc3987.blue	1200	6:03	11:57:25.0	25:12:10	300	-70	3.0	#2 SN Observat	2	extra blue tilt = 580

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0105.COMP	10	6:24	11:57:25.0	25:12:10	300	-70	3.0	#2 SN Observat	2	
0106.Feige34.blue	120	6:26	10:39:36.7	+43:06:09	300	67	3.0	#56 Photometri	2	
0107.COMP	10	6:28	10:39:36.7	+43:06:09	300	67	3.0	#56 Photometri	2	
0108.Feige34.red	240	6:31	10:39:36.7	+43:06:09	300	67	3.0	#56 Photometri	2	red tilt = 725; GG-495 filter is in
0109.COMP	10	6:35	10:39:36.7	+43:06:09	300	67	3.0	#56 Photometri	2	
0110.SNngc3987.red	1200	6:37	11:57:25.0	25:12:10	300	-70	3.0	#2 SN Observat	2	
0111.COMP	10	6:57	11:57:25.0	25:12:10	300	-70	3.0	#2 SN Observat	2	
0112.FLAT.red	20	6:58	11:57:25.0	25:12:10	300	-70	3.0	#2 SN Observat	2	get now for fringes
0113.FLAT.red	20	6:59	11:57:25.0	25:12:10	300	-70	3.0	#2 SN Observat	2	back to normal setup; tilt=610; no filter
0114.FLAT.red	20	7:00	11:57:25.0	25:12:10	300	-70	3.0	#2 SN Observat	2	
0115.FLAT.red	20	7:00	11:57:25.0	25:12:10	300	-70	3.0	#2 SN Observat	2	
0116.FLAT.red	20	7:01	11:57:25.0	25:12:10	300	-70	3.0	#2 SN Observat	2	
0117.FLAT.red	20	7:01	11:57:25.0	25:12:10	300	-70	3.0	#2 SN Observat	2	
0118.FLAT.red	20	7:02	11:57:25.0	25:12:10	300	-70	3.0	#2 SN Observat	2	
0119.FLAT.red	20	7:02	11:57:25.0	25:12:10	300	-70	3.0	#2 SN Observat	2	
0120.FLAT.red	20	7:03	11:57:25.0	25:12:10	300	-70	3.0	#2 SN Observat	2	
0121.FLAT.red	20	7:04	11:57:25.0	25:12:10	300	-70	3.0	#2 SN Observat	2	
0122.SNngc3987	1200	7:05	11:57:25.0	25:12:10	300	-70	3.0	#2 SN Observat	2	
0123.COMP	10	7:26	11:57:25.0	25:12:10	300	-70	3.0	#2 SN Observat	2	
0124.Feige34	120	7:28	10:39:36.7	+43:06:09	300	34	3.0	#56 Photometri	2	

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0125.COMP	10	7:31	10:39:36.7	+43:06:09	300	34	3.0	#56 Photometri	2	
0126.1350.07484696	45	7:32	08:53:18.6	+51:19:31	300	34	3.0	#57 Velocity S	2	
0127.1350.07484810	60	7:34	08:53:20.8	+51:19:07	300	34	3.0	#57 Velocity S	2	
0128.1350.07484917	120	7:35	08:53:22.8	+51:19:21	300	90	3.0	#57 Velocity S	2	
0129.COMP	10	7:38	08:53:22.8	+51:19:21	300	90	3.0	#57 Velocity S	2	
0130.nrgb184.258	900	7:39	12:08:29.7	+25:15:52	300	90	3.0	#59 X-Ray Grou	4	
0131.COMP	5	7:54	12:08:29.7	+25:15:52	300	90	3.0	#59 X-Ray Grou	4	
0132.nrgb184.260	300	7:55	12:08:41.3	+24:17:09	300	90	3.0	#59 X-Ray Grou	4	thin clouds
0133.COMP	5	8:00	12:08:41.3	+24:17:09	300	90	3.0	#59 X-Ray Grou	4	
0134.nrgb184.259	720	8:01	12:08:31.8	+24:16:55	300	90	3.0	#59 X-Ray Grou	4	
0135.COMP	5	8:13	12:08:31.8	+24:16:55	300	90	3.0	#59 X-Ray Grou	4	
0136.nrgb184.261	120	8:14	12:08:46.5	+24:56:44	300	90	3.0	#59 X-Ray Grou	4	
0137.COMP	5	8:16	12:08:46.5	+24:56:44	300	90	3.0	#59 X-Ray Grou	4	
0138.nrgb184.262	330	8:17	12:08:48.1	+25:28:12	300	90	3.0	#59 X-Ray Grou	4	
0139.COMP	5	8:23	12:08:48.1	+25:28:12	300	90	3.0	#59 X-Ray Grou	4	
0140.nrgb184.263	480	8:23	12:08:53.6	+25:32:58	300	90	3.0	#59 X-Ray Grou	4	
0141.COMP	5	8:32	12:08:53.6	+25:32:58	300	90	3.0	#59 X-Ray Grou	4	
0142.nrgb184.241	900	8:33	12:08:08.8	+25:43:02	300	90	3.0	#59 X-Ray Grou	4	
0143.COMP	5	8:48	12:08:08.8	+25:43:02	300	90	3.0	#59 X-Ray Grou	4	
0144.nrgb184.242	120	8:48	12:08:09.3	+25:04:41	300	90	3.0	#59 X-Ray Grou	4	

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0145.COMP	5	8:51	12:08:09.3	+25:04:41	300	90	3.0	#59 X-Ray Grou	4	
0146.nrgb184.265	90	8:51	12:08:55.6	+25:11:28	300	90	3.0	#59 X-Ray Grou	4	
0147.COMP	5	8:53	12:08:55.6	+25:11:28	300	90	3.0	#59 X-Ray Grou	4	
0148.nrgb184.266	420	8:54	12:09:01.9	+25:58:12	300	90	3.0	#59 X-Ray Grou	4	
0149.COMP	5	9:01	12:09:01.9	+25:58:12	300	90	3.0	#59 X-Ray Grou	4	
0150.nrgb184.267	180	9:02	12:09:02.3	+24:57:15	300	90	3.0	#59 X-Ray Grou	4	
0151.COMP	5	9:05	12:09:02.3	+24:57:15	300	90	3.0	#59 X-Ray Grou	4	
0152.nrgb184.268	360	9:06	12:09:07.2	+25:14:09	300	90	3.0	#59 X-Ray Grou	4	
0153.COMP	5	9:12	12:09:07.2	+25:14:09	300	90	3.0	#59 X-Ray Grou	4	
0154.nrgb184.269	420	9:13	12:09:07.8	+25:59:51	300	90	3.0	#59 X-Ray Grou	4	
0155.COMP	5	9:20	12:09:07.8	+25:59:51	300	90	3.0	#59 X-Ray Grou	4	
0156.nrgb184.270	90	9:21	12:09:18.1	+24:58:01	300	90	3.0	#59 X-Ray Grou	4	
0157.COMP	5	9:23	12:09:18.1	+24:58:01	300	90	3.0	#59 X-Ray Grou	4	
0158.COLA_139	900	9:24	13:21:21.3	00:21:19	300	90	3.0	#124 COLA	2	
0159.COMP	10	9:39	13:21:21.3	00:21:19	300	90	3.0	#124 COLA	2	
0160.COLA_146.east	900	9:40	13:39:58	00:49:58	300	90	3.0	#124 COLA	2	
0161.COMP	10	9:56	13:39:58	00:49:58	300	90	3.0	#124 COLA	2	
0162.COLA_146.west	1200	9:57	13:39:58	00:49:58	300	90	3.0	#124 COLA	2	polar ring galaxy
0163.COMP	10	10:17	13:39:58	00:49:58	300	90	3.0	#124 COLA	2	
0164.COLA_148	900	10:18	14:02:36.0	32:30:37	300	90	3.0	#124 COLA	2	

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0165.COMP	10	10:34	14:02:36.0	32:30:37	300	90	3.0	#124 COLA	2	
0166.COLA_150	900	10:35	14:24:23	24:36:52	300	90	3.0	#124 COLA	2	
0167.COMP	10	10:50	14:24:23	24:36:52	300	90	3.0	#124 COLA	2	
0168.nrgb184.271	900	10:53	12:09:20.9	+26:12:41	300	90	3.0	#59 X-Ray Grou	4	increasing clouds
0169.COMP	5	11:09	12:09:20.9	+26:12:41	300	90	3.0	#59 X-Ray Grou	4	
0170.nrgb184.272	900	11:10	12:09:21.2	+25:12:00	300	90	3.0	#59 X-Ray Grou	4	
0171.COMP	5	11:25	12:09:21.2	+25:12:00	300	90	3.0	#59 X-Ray Grou	4	
0172.nrgb184.274	480	11:26	12:09:47.1	+25:01:31	300	90	3.0	#59 X-Ray Grou	4	
0173.COMP	5	11:34	12:09:47.1	+25:01:31	300	90	3.0	#59 X-Ray Grou	4	
0174.nrgb184.275	900	11:35	12:09:52.2	+25:14:57	300	90	3.0	#59 X-Ray Grou	4	
0175.COMP	5	11:51	12:09:52.2	+25:14:57	300	90	3.0	#59 X-Ray Grou	4	
0176.nrgb184.276	120	11:51	12:09:54.5	+25:18:38	300	90	3.0	#59 X-Ray Grou	4	
0177.COMP	5	11:53	12:09:54.5	+25:18:38	300	90	3.0	#59 X-Ray Grou	4	
0178.nrgb184.277	600	11:54	12:09:59.4	+25:11:23	300	90	3.0	#59 X-Ray Grou	4	
0179.COMP	5	12:04	12:09:59.4	+25:11:23	300	90	3.0	#59 X-Ray Grou	4	
0180.nrgb184.278	90	12:05	12:10:14.8	+25:18:29	300	90	3.0	#59 X-Ray Grou	4	
0181.COMP	5	12:07	12:10:14.8	+25:18:29	300	90	3.0	#59 X-Ray Grou	4	
0182.nrgb184.279	720	12:08	12:10:28.2	+25:10:53	300	90	3.0	#59 X-Ray Grou	4	
0183.COMP	5	12:20	12:10:28.2	+25:10:53	300	90	3.0	#59 X-Ray Grou	4	
0184.nrgb184.280	720	12:21	12:10:32.0	+24:22:09	300	90	3.0	#59 X-Ray Grou	4	

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0185.COMP	5	12:33	12:10:32.0	+24:22:09	300	90	3.0	#59 X-Ray Grou	4	
0186.nrgb184.281	120	12:34	12:10:34.5	+25:25:37	300	90	3.0	#59 X-Ray Grou	4	clearing again
0187.COMP	5	12:36	12:10:34.5	+25:25:37	300	90	3.0	#59 X-Ray Grou	4	
0188.nrgb184.282	390	12:37	12:10:34.9	+25:55:39	300	90	3.0	#59 X-Ray Grou	4	
0189.COMP	5	12:43	12:10:34.9	+25:55:39	300	90	3.0	#59 X-Ray Grou	4	
0190.N4051	120	12:44	12:03:09.7	+44:31:53	300	90	3.0	#6 AGN Monitor	4	
0191.N4051	120	12:46	12:03:09.7	+44:31:53	300	90	3.0	#6 AGN Monitor	4	
0192.COMP	5	12:49	12:03:09.7	+44:31:53	300	90	3.0	#6 AGN Monitor	4	
0193.N4151	30	12:49	12:10:32.6	+39:24:21	300	90	3.0	#6 AGN Monitor	4	
0194.N4151	30	12:50	12:10:32.6	+39:24:21	300	90	3.0	#6 AGN Monitor	4	
0195.N4151	30	12:51	12:10:32.6	+39:24:21	300	90	3.0	#6 AGN Monitor	4	
0196.COMP	5	12:52	12:10:32.6	+39:24:21	300	90	3.0	#6 AGN Monitor	4	
0197.MRK279	180	12:53	13:51:53.6	69:33:13	300	90	3.0	#6 AGN Monitor	4	
0198.COMP	5	12:56	13:51:53.6	69:33:13	300	90	3.0	#6 AGN Monitor	4	
0199.N5548	120	12:57	14:17:59.6	+25:08:12	300	90	3.0	#6 AGN Monitor	4	
0200.N5548	120	12:59	14:17:59.6	+25:08:12	300	90	3.0	#6 AGN Monitor	4	
0201.COMP	5	13:02	14:17:59.6	+25:08:12	300	90	3.0	#6 AGN Monitor	4	
0202.HZ44	120	13:03	13:23:35.2	+36:07:59	300	90	3.0	#56 Photometri	4	
0203.HZ44	120	13:05	13:23:35.2	+36:07:59	300	90	3.0	#56 Photometri	4	
0204.COMP	5	13:07	13:23:35.2	+36:07:59	300	90	3.0	#56 Photometri	4	

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0205.BIAS	0	13:09	13:23:35.2	+36:07:59	300	90	3.0	#124 COLA	4	a few clouds around @ dawn
0206-0214.BIAS	0	13:10	13:23:35.2	+36:07:59	300	90	3.0	#124 COLA	4	
0215-0224.FLAT	8	13:13	13:23:35.2	+36:07:59	300	90	3.0	#124 COLA	4	
0225-0234.BIAS	0	13:15	13:23:35.2	+36:07:59	300	90	3.0	#124 COLA	2	
0235-0244.FLAT	16	13:20	13:23:35.2	+36:07:59	300	90	3.0	#124 COLA	2	
0245-0251.DARK	1200	15:34	13:23:35.2	+36:07:59	300	90	3.0	#124 COLA	2	

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0001-0010.DARK	900	23:39	13:23:35.2	+36:07:59	300	90	3.0	#124 COLA	4	
0011.BIAS	0	1:06	13:23:35.2	+36:07:59	300	90	3.0	#124 COLA	4	lots of cirrus
0012-0020.BIAS	0	1:07	13:23:35.2	+36:07:59	300	90	3.0	#124 COLA	4	
0021-0030.FLAT	8	1:10	13:23:35.2	+36:07:59	300	90	3.0	#124 COLA	4	
0031-0040.BIAS	0	1:13	13:23:35.2	+36:07:59	300	90	3.0	#124 COLA	2	
0041-0050.FLAT	16	1:18	13:23:35.2	+36:07:59	300	90	3.0	#124 COLA	2	
0051-0055.sky	2	1:28	04:03:00	32:00:00	300	90	3.0	#57 Velocity S	4	
0056.COMP	5	1:28	04:03:00	32:00:00	300	90	3.0	#57 Velocity S	4	MIR cruises by in the SE, mag 0.8
0057.HD12623	3	2:01	02:02:19	+62:56:04	300	90	3.0	#57 Velocity S	4	
0058.HD12623	3	2:01	02:02:19	+62:56:04	300	90	3.0	#57 Velocity S	4	
0059.HD12623	3	2:01	02:02:19	+62:56:04	300	90	3.0	#57 Velocity S	4	
0060.COMP	5	2:02	02:02:19	+62:56:04	300	90	3.0	#57 Velocity S	4	
0061.022206p570523	15	2:03	02:22:06	57:05:23	300	90	3.0	#83 H+Chi Per	4	Be*s
0062.022206p570523	15	2:04	02:22:06	57:05:23	300	90	3.0	#83 H+Chi Per	4	
0063.022206p570523	5	2:04	02:22:06	57:05:23	300	90	3.0	#83 H+Chi Per	4	
0064.021815p571016	15	2:11	02:18:15	57:10:16	300	90	3.0	#83 H+Chi Per	4	
0065.021815p571016	30	2:11	02:18:15	57:10:16	300	90	3.0	#83 H+Chi Per	4	
0066.021815p571016	30	2:12	02:18:15	57:10:16	300	90	3.0	#83 H+Chi Per	4	
0067.021848p570401	5	2:13	02:18:48	57:04:01	300	90	3.0	#83 H+Chi Per	4	
0068.021848p570401	15	2:13	02:18:48	57:04:01	300	90	3.0	#83 H+Chi Per	4	

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0069.021848p570401	15	2:14	02:18:48	57:04:01	300	90	3.0	#83 H+Chi Per	4	
0070.COMP	5	2:14	02:18:48	57:04:01	300	90	3.0	#83 H+Chi Per	4	
0071.021848p571424	20	2:15	02:18:48	57:14:24	300	90	3.0	#83 H+Chi Per	4	
0072.021848p571424	20	2:16	02:18:48	57:14:24	300	90	3.0	#83 H+Chi Per	4	
0073.021908p570348	60	2:17	02:19:08	57:03:48	300	90	3.0	#83 H+Chi Per	4	
0074.021908p570348	60	2:18	02:19:08	57:03:48	300	90	3.0	#83 H+Chi Per	4	
0075.021947p570638	30	2:19	02:19:47	57:06:38	300	90	3.0	#83 H+Chi Per	4	
0076.021947p570638	30	2:20	02:19:47	57:06:38	300	90	3.0	#83 H+Chi Per	4	
0077.COMP	5	2:21	02:19:47	57:06:38	300	90	3.0	#83 H+Chi Per	4	
0078.022247p571204	120	2:21	02:22:47	57:12:04	300	90	3.0	#83 H+Chi Per	4	
0079.022247p571204	30	2:24	02:22:47	57:12:04	300	90	3.0	#83 H+Chi Per	4	
0080.022247p571204	30	2:24	02:22:47	57:12:04	300	90	3.0	#83 H+Chi Per	4	
0081.022124p571153	30	2:25	02:21:24	57:11:53	300	90	3.0	#83 H+Chi Per	4	
0082.022124p571153	120	2:26	02:21:24	57:11:53	300	90	3.0	#83 H+Chi Per	4	
0083.022124p571153	120	2:28	02:21:24	57:11:53	300	90	3.0	#83 H+Chi Per	4	
0084.022038p571845	15	2:30	02:20:38	57:18:45	300	90	3.0	#83 H+Chi Per	4	
0085.022038p571845	15	2:31	02:20:38	57:18:45	300	90	3.0	#83 H+Chi Per	4	
0086.COMP	5	2:32	02:20:38	57:18:45	300	90	3.0	#83 H+Chi Per	4	
0087.022052p571329	30	2:32	02:20:52	57:13:29	300	90	3.0	#83 H+Chi Per	4	
0088.022052p571329	120	2:33	02:20:52	57:13:29	300	90	3.0	#83 H+Chi Per	4	

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0089.022052p571329	120	2:35	02:20:52	57:13:29	300	90	3.0	#83 H+Chi Per	4	
0090.021904p570838	180	2:38	02:19:04	57:08:38	300	90	3.0	#83 H+Chi Per	4	
0091.021904p570838	180	2:42	02:19:04	57:08:38	300	90	3.0	#83 H+Chi Per	4	
0092.COMP	5	2:45	02:19:04	57:08:38	300	90	3.0	#83 H+Chi Per	4	
0093.022115p571536	120	2:46	02:21:15	57:15:36	300	90	3.0	#83 H+Chi Per	4	
0094.022115p571536	300	2:48	02:21:15	57:15:36	300	90	3.0	#83 H+Chi Per	4	
0095.022117p571824	15	2:54	02:21:17	57:18:24	300	90	3.0	#83 H+Chi Per	4	
0096.022117p571824	15	2:55	02:21:17	57:18:24	300	90	3.0	#83 H+Chi Per	4	
0097.022247p565803	15	2:55	02:22:47	56:58:03	300	90	3.0	#83 H+Chi Per	4	
0098.022247p565803	15	2:56	02:22:47	56:58:03	300	90	3.0	#83 H+Chi Per	4	
0099.022247p565803	30	2:56	02:22:47	56:58:03	300	90	3.0	#83 H+Chi Per	4	
0100.COMP	5	2:57	02:22:47	56:58:03	300	90	3.0	#83 H+Chi Per	4	
0101.COLA_35	1200	2:59	02:46:17.5	13:05:44	300	90	3.0	#124 COLA	2	clearing up a bit
0102.COMP	10	3:19	02:46:17.5	13:05:44	300	90	3.0	#124 COLA	2	
0103.COLA_32	900	3:21	02:37:39.9	34:25:54	300	90	3.0	#124 COLA	2	
0104.COMP	10	3:36	02:37:39.9	34:25:54	300	90	3.0	#124 COLA	2	
0105.vso118560	720	3:43	5:52:21.3	1:46:07	300	0	3.0	#112 Orion PMS	4	
0106.COMP	5	3:56	5:52:21.3	1:46:07	300	0	3.0	#112 Orion PMS	4	
0107.vso116744	720	3:56	5:51:21.3	1:54:21	300	0	3.0	#112 Orion PMS	4	
0108.COMP	5	4:09	5:51:21.3	1:54:21	300	0	3.0	#112 Orion PMS	4	

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0109.vso117577	900	4:09	5:51:52.8	1:38:08	300	0	3.0	#112 Orion PMS	4	
0110.COMP	5	4:25	5:51:52.8	1:38:08	300	0	3.0	#112 Orion PMS	4	
0111.vso118502	720	4:26	5:52:20.1	1:34:47	300	0	3.0	#112 Orion PMS	4	
0112.COMP	5	4:38	5:52:20.1	1:34:47	300	0	3.0	#112 Orion PMS	4	
0113.vso119438	720	4:39	5:52:40.3	1:55:00	300	0	3.0	#112 Orion PMS	4	
0114.COMP	5	4:51	5:52:40.3	1:55:00	300	0	3.0	#112 Orion PMS	4	
0115.vso119844	900	4:52	5:52:51.5	1:58:04	300	0	3.0	#112 Orion PMS	4	
0116.COMP	5	5:07	5:52:51.5	1:58:04	300	0	3.0	#112 Orion PMS	4	
0117.vso120417	720	5:08	5:53:16.2	1:33:58	300	0	3.0	#112 Orion PMS	4	
0118.COMP	5	5:20	5:53:16.2	1:33:58	300	0	3.0	#112 Orion PMS	4	
0119.vso120447	900	5:21	5:53:17.1	1:59:41	300	0	3.0	#112 Orion PMS	4	
0120.COMP	5	5:36	5:53:17.1	1:59:41	300	0	3.0	#112 Orion PMS	4	
0121.vso120686	900	5:37	5:53:27.7	1:34:10	300	0	3.0	#112 Orion PMS	4	
0122.COMP	5	5:52	5:53:27.7	1:34:10	300	0	3.0	#112 Orion PMS	4	
0123.vso121070	900	5:53	5:53:43.4	1:42:24	300	0	3.0	#112 Orion PMS	4	
0124.COMP	5	6:08	5:53:43.4	1:42:24	300	0	3.0	#112 Orion PMS	4	
0125.sn2001G	720	6:10	09:09:33.1	+50:16:51	300	0	3.0	#2 SN Observat	4	sky looks clear
0126.COMP	5	6:22	09:09:33.1	+50:16:51	300	0	3.0	#2 SN Observat	4	
0127.sn2001G	1200	6:23	09:09:33.1	+50:16:51	300	0	3.0	#2 SN Observat	2	
0128.COMP	10	6:43	09:09:33.1	+50:16:51	300	0	3.0	#2 SN Observat	2	

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0129.094648p01220_ab	1200	6:47	09:49:22.8	01:08:42	300	-48	3.0	#113 Galaxy In	2	a @ row 72; b @ row 114 (LSB, em)
0130.COMP	10	7:08	09:49:22.8	01:08:42	300	-48	3.0	#113 Galaxy In	2	
0131.094506+09220_b	600	7:10	09:47:42.1	09:09:39	300	90	3.0	#113 Galaxy In	2	
0132.COMP	10	7:21	09:47:42.1	09:09:39	300	90	3.0	#113 Galaxy In	2	
0133.094506+09220_a	900	7:22	09:47:45.3	09:08:24	300	90	3.0	#113 Galaxy In	2	
0134.COMP	10	7:37	09:47:45.3	09:08:24	300	90	3.0	#113 Galaxy In	2	
0135.N3227	90	7:39	10:23:30.6	+19:51:54	300	0	3.0	#6 AGN Monitor	4	
0136.N3227	90	7:41	10:23:30.6	+19:51:54	300	0	3.0	#6 AGN Monitor	4	
0137.COMP	5	7:42	10:23:30.6	+19:51:54	300	0	3.0	#6 AGN Monitor	4	
0138.Feige34	90	7:44	10:39:36.7	+43:06:09	300	0	3.0	#56 Photometri	2	
0139.Feige34	90	7:46	10:39:36.7	+43:06:09	300	0	3.0	#56 Photometri	2	
0140.COMP	10	7:48	10:39:36.7	+43:06:09	300	0	3.0	#56 Photometri	2	
0141.SN2001N	1200	7:53	10:39:58.0	+24:05:26	300	45	3.0	#2 SN Observat	2	
0142.COMP	10	8:14	10:39:58.0	+24:05:26	300	45	3.0	#2 SN Observat	2	
0143.095806+04580_b	720	8:16	10:00:49.3	04:45:53	300	90	3.0	#113 Galaxy In	2	
0144.COMP	10	8:28	10:00:49.3	04:45:53	300	90	3.0	#113 Galaxy In	2	
0145.095806+04580_a	900	8:29	10:00:45.2	04:44:03	300	90	3.0	#113 Galaxy In	2	
0146.COMP	10	8:44	10:00:45.2	04:44:03	300	90	3.0	#113 Galaxy In	2	
0147.095900+11000_a	1200	8:46	10:01:40.4	10:45:22	300	90	3.0	#113 Galaxy In	2	
0148.COMP	10	9:06	10:01:40.4	10:45:22	300	90	3.0	#113 Galaxy In	2	

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0149.SN2001V	1200	9:09	11:57:25.0	25:12:10	300	0	3.0	#2 SN Observat	2	
0150.COMP	10	9:29	11:57:25.0	25:12:10	300	0	3.0	#2 SN Observat	2	
0151.095900+11000_b	600	9:31	10:01:46.1	10:46:22	300	0	3.0	#113 Galaxy In	2	
0152.COMP	10	9:42	10:01:46.1	10:46:22	300	0	3.0	#113 Galaxy In	2	
0153.sheep5	1200	9:44	11:15:20.7	+40:43:26	300	90	3.0	#125 Hard X-Ra	4	Sy1
0154.COMP	5	10:04	11:15:20.7	+40:43:26	300	90	3.0	#125 Hard X-Ra	4	
0155.sheep9	1200	10:06	12:20:18.5	+06:41:19	300	90	3.0	#125 Hard X-Ra	4	qso
0156.COMP	5	10:27	12:20:18.5	+06:41:19	300	90	3.0	#125 Hard X-Ra	4	rt system crash
0157.sheep9	1200	10:27	12:20:18.5	+06:41:19	300	90	3.0	#125 Hard X-Ra	4	
0158.COMP	5	10:48	12:20:18.5	+06:41:19	300	90	3.0	#125 Hard X-Ra	4	
0159.HZ44	120	10:51	13:23:35.2	+36:07:59	300	90	3.0	#56 Photometri	2	
0160.HZ44	120	10:53	13:23:35.2	+36:07:59	300	90	3.0	#56 Photometri	2	
0161.COMP	10	10:58	13:23:35.2	+36:07:59	300	90	3.0	#56 Photometri	2	
0162.nrgb184.283	480	10:59	12:10:35.2	+25:35:41	300	90	3.0	#59 X-Ray Grou	4	
0163.COMP	5	11:08	12:10:35.2	+25:35:41	300	90	3.0	#59 X-Ray Grou	4	
0164.nrgb184.285	720	11:09	12:10:45.4	+25:50:36	300	90	3.0	#59 X-Ray Grou	4	
0165.COMP	5	11:22	12:10:45.4	+25:50:36	300	90	3.0	#59 X-Ray Grou	4	
0166.nrgb184.273	900	11:23	12:09:29.0	+26:13:30	300	90	3.0	#59 X-Ray Grou	4	LSB; em
0167.COMP	5	11:38	12:09:29.0	+26:13:30	300	90	3.0	#59 X-Ray Grou	4	
0168.nrgb184.286	600	11:39	12:11:00.3	+26:11:28	300	90	3.0	#59 X-Ray Grou	4	

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0169.COMP	5	11:49	12:11:00.3	+26:11:28	300	90	3.0	#59 X-Ray Grou	4	
0170.nrgb184.286	480	11:50	12:11:00.3	+26:11:28	300	90	3.0	#59 X-Ray Grou	4	
0171.COMP	5	11:58	12:11:00.3	+26:11:28	300	90	3.0	#59 X-Ray Grou	4	
0172.nrgb184.287	300	11:59	12:11:31.2	+25:07:15	300	90	3.0	#59 X-Ray Grou	4	
0173.COMP	5	12:04	12:11:31.2	+25:07:15	300	90	3.0	#59 X-Ray Grou	4	
0174.nrgb184.288	300	12:04	12:11:48.2	+24:36:18	300	90	3.0	#59 X-Ray Grou	4	
0175.COMP	5	12:10	12:11:48.2	+24:36:18	300	90	3.0	#59 X-Ray Grou	4	
0176.nrgb184.289	540	12:11	12:11:53.0	+25:26:32	300	90	3.0	#59 X-Ray Grou	4	
0177.COMP	5	12:20	12:11:53.0	+25:26:32	300	90	3.0	#59 X-Ray Grou	4	
0178.nrgb184.290	360	12:20	12:12:37.2	+25:41:47	300	90	3.0	#59 X-Ray Grou	4	finishes off the cluster
0179.COMP	5	12:27	12:12:37.2	+25:41:47	300	90	3.0	#59 X-Ray Grou	4	
0180.N4853	330	12:30	12:58:35.1	+27:35:47	300	90	3.0	#57 Velocity S	2	
0181.COMP	5	12:36	12:58:35.1	+27:35:47	300	90	3.0	#57 Velocity S	2	
0182.N4051	120	12:37	12:03:09.7	+44:31:53	300	90	3.0	#6 AGN Monitor	4	
0183.N4051	120	12:39	12:03:09.7	+44:31:53	300	90	3.0	#6 AGN Monitor	4	
0184.COMP	5	12:41	12:03:09.7	+44:31:53	300	90	3.0	#6 AGN Monitor	4	
0185.N4151	30	12:42	12:10:32.6	+39:24:21	300	90	3.0	#6 AGN Monitor	4	
0186.N4151	30	12:42	12:10:32.6	+39:24:21	300	90	3.0	#6 AGN Monitor	4	
0187.COMP	5	12:43	12:10:32.6	+39:24:21	300	90	3.0	#6 AGN Monitor	4	
0188.N5548	120	12:44	14:17:59.6	+25:08:12	300	90	3.0	#6 AGN Monitor	4	

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0189.N5548	120	12:46	14:17:59.6	+25:08:12	300	90	3.0	#6 AGN Monitor	4	
0190.COMP	5	12:49	14:17:59.6	+25:08:12	300	90	3.0	#6 AGN Monitor	4	
0191.TXCVn	10	12:50	12:44:42.3	36:45:48	300	90	3.0	#12 Symbiotic	4	
0192.TXCVn	30	12:51	12:44:42.3	36:45:48	300	90	3.0	#12 Symbiotic	4	
0193.COMP	5	12:51	12:44:42.3	36:45:48	300	90	3.0	#12 Symbiotic	4	
0194.BIAS	0	12:55	12:44:42.3	36:45:48	300	90	3.0	#125 Hard X-Ra	4	clear skies @ dawn
0195-0203.BIAS	0	12:56	12:44:42.3	36:45:48	300	90	3.0	#125 Hard X-Ra	4	
0204-0213.FLAT	8	12:59	12:44:42.3	36:45:48	300	90	3.0	#125 Hard X-Ra	4	
0214-0223.BIAS	0	13:02	12:44:42.3	36:45:48	300	90	3.0	#125 Hard X-Ra	2	
0224-0233.FLAT	16	13:06	12:44:42.3	36:45:48	300	90	3.0	#125 Hard X-Ra	2	
0234-0243.DARK	1200	16:10	12:44:42.3	36:45:48	300	90	3.0	#125 Hard X-Ra	2	

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0001.DARK	900	0:24	03:23:24.0	31:30:14	300	90	3.0	#125 Hard X-Ra	4	
0002.DARK	900	0:39	03:38:34.0	31:30:15	300	90	3.0	#125 Hard X-Ra	4	
0003.DARK	900	0:54	03:53:45.0	31:30:16	300	90	3.0	#125 Hard X-Ra	4	
0004.DARK	900	1:09	04:08:56.0	31:30:17	300	90	3.0	#125 Hard X-Ra	4	
0005.DARK	900	1:25	04:24:07.0	31:30:18	300	90	3.0	#125 Hard X-Ra	4	
0006-0015.BIAS	0	1:41	04:25:47.0	31:30:18	300	90	3.0	#125 Hard X-Ra	4	
0016-0025.FLAT	6	1:46	04:30:47.0	31:30:18	300	90	3.0	#125 Hard X-Ra	4	
0026-0035.BIAS	0	1:49	04:33:46.0	31:30:18	300	90	3.0	#125 Hard X-Ra	2	
0036-0037.FLAT	12	1:51	04:35:30.0	31:30:18	300	90	3.0	#125 Hard X-Ra	2	
0038-0045.FLAT	12	1:54	04:39:02.0	31:30:19	300	90	3.0	#125 Hard X-Ra	2	
0046.Hiltner600	45	2:04	06:45:12.0	+02:06:00	300	90	3.0	#56 Photometri	4	
0047.Hiltner600	45	2:05	06:45:12.0	+02:06:00	300	90	3.0	#56 Photometri	4	
0048.COMP	5	2:06	06:45:12.0	+02:06:00	300	90	3.0	#56 Photometri	4	
0049.Hiltner600	45	2:08	06:45:12.0	+02:06:00	300	90	3.0	#56 Photometri	2	
0050.Hiltner600	45	2:09	06:45:12.0	+02:06:00	300	90	3.0	#56 Photometri	2	
0051.COMP	12	2:11	06:45:12.0	+02:06:00	300	90	3.0	#56 Photometri	2	
0052.Hiltner600	45	2:14	06:45:12.0	+02:06:00	300	-38	3.0	#56 Photometri	2	
0053.Hiltner600	45	2:15	06:45:12.0	+02:06:00	300	-38	3.0	#56 Photometri	2	
0054.COMP	12	2:16	06:45:12.0	+02:06:00	300	-38	3.0	#56 Photometri	2	
0055.NGC1700	240	2:22	04:56:58.1	-04:52:22	300	90	3.0	#57 Velocity S	2	

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0056.COMP	12	2:26	04:56:58.1	-04:52:22	300	90	3.0	#57 Velocity S	2	
0057.sheep43	1200	2:32	00:26:18.8	+10:50:20	300	90	3.0	#125 Hard X-Ra	2	Too faint to get again!
0058.COMP	12	2:53	00:26:18.8	+10:50:20	300	90	3.0	#125 Hard X-Ra	2	
0059.vso122424	780	2:57	5:54:41.9	1:36:09	300	90	3.0	#112 Orion PMS	2	
0060.COMP	12	3:11	5:54:41.9	1:36:09	300	90	3.0	#112 Orion PMS	2	
0061.vso124774	900	3:12	5:56:32.8	1:33:56	300	90	3.0	#112 Orion PMS	2	
0062.COMP	12	3:27	5:56:32.8	1:33:56	300	90	3.0	#112 Orion PMS	2	
0063.vso125843	720	3:28	5:57:17.0	1:33:55	300	90	3.0	#112 Orion PMS	2	
0064.COMP	12	3:41	5:57:17.0	1:33:55	300	90	3.0	#112 Orion PMS	2	
0065.vso125926	1020	3:43	5:57:19.7	1:57:06	300	90	3.0	#112 Orion PMS	2	
0066.COMP	12	4:00	5:57:19.7	1:57:06	300	90	3.0	#112 Orion PMS	2	
0067.vso125969	900	4:02	5:57:20.9	1:54:35	300	90	3.0	#112 Orion PMS	2	
0068.COMP	12	4:17	5:57:20.9	1:54:35	300	90	3.0	#112 Orion PMS	2	
0069.vso127695	660	4:18	5:58:17.8	1:53:35	300	90	3.0	#112 Orion PMS	2	
0070.COMP	12	4:30	5:58:17.8	1:53:35	300	90	3.0	#112 Orion PMS	2	
0071.vso127829	900	4:31	5:58:22.7	1:58:23	300	90	3.0	#112 Orion PMS	2	
0072.COMP	12	4:47	5:58:22.7	1:58:23	300	90	3.0	#112 Orion PMS	2	
0073.vso128685	540	4:48	5:58:49.2	1:35:53	300	90	3.0	#112 Orion PMS	2	row=81
0074.COMP	12	4:57	5:58:49.2	1:35:53	300	90	3.0	#112 Orion PMS	2	
0075.vso128803	780	4:59	5:58:52.5	2:01:32	300	90	3.0	#112 Orion PMS	2	

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0076.COMP	12	5:12	5:58:52.5	2:01:32	300	90	3.0	#112 Orion PMS	2	
0077.vso129050	720	5:14	5:59:01.5	1:39:17	300	90	3.0	#112 Orion PMS	2	
0078.COMP	12	5:26	5:59:01.5	1:39:17	300	90	3.0	#112 Orion PMS	2	
0079.vso130348	300	5:27	5:59:44.2	1:36:14	300	90	3.0	#112 Orion PMS	2	
0080.COMP	12	5:33	5:59:44.2	1:36:14	300	90	3.0	#112 Orion PMS	2	
0081.vso29912	480	5:34	5:00:02.8	1:16:21	300	90	3.0	#112 Orion PMS	2	
0082.COMP	12	5:43	5:00:02.8	1:16:21	300	90	3.0	#112 Orion PMS	2	
0083.sn2001C	1200	5:48	06:59:36.1	+59:31:01	300	-38	3.0	#2 SN Observat	2	
0084.COMP	12	6:08	06:59:36.1	+59:31:01	300	-38	3.0	#2 SN Observat	2	
0085.FLAT	15	6:13	06:59:36.1	+59:31:01	300	90	2.0	#2 SN Observat	2	slit=2
0086-0094.FLAT	15	6:17	06:59:36.1	+59:31:01	300	90	2.0	#2 SN Observat	2	
0095.SA_99m103	180	6:21	07:56:4.8	-00:53:0	300	90	2.0	#87 IRAC Stars	2	
0096.SA_99m103	360	6:24	07:56:4.8	-00:53:0	300	90	2.0	#87 IRAC Stars	2	
0097.COMP	12	6:31	07:56:4.8	-00:53:0	300	90	2.0	#87 IRAC Stars	2	
0098.SA_99m172	30	6:32	07:54:42.2	-00:37:24	300	90	2.0	#87 IRAC Stars	2	
0099.SA_99m172	20	6:33	07:54:42.2	-00:37:24	300	90	2.0	#87 IRAC Stars	2	
0100.COMP	12	6:34	07:54:42.2	-00:37:24	300	90	2.0	#87 IRAC Stars	2	
0101.SA_99m375	210	6:36	07:54:29.6	-00:24:27	300	90	2.0	#87 IRAC Stars	2	
0102.SA_99m375	480	6:40	07:54:29.6	-00:24:27	300	90	2.0	#87 IRAC Stars	2	
0103.COMP	12	6:48	07:54:29.6	-00:24:27	300	90	2.0	#87 IRAC Stars	2	

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0104.MRK110	360	6:52	09:25:12.9	+52:17:10	300	90	3.0	#6 AGN Monitor	2	
0105.COMP	12	6:59	09:25:12.9	+52:17:10	300	90	3.0	#6 AGN Monitor	2	
0106.N3227	90	7:00	10:23:30.6	+19:51:54	300	90	3.0	#6 AGN Monitor	2	
0107.N3227	90	7:02	10:23:30.6	+19:51:54	300	90	3.0	#6 AGN Monitor	2	
0108.N3227	90	7:04	10:23:30.6	+19:51:54	300	90	3.0	#6 AGN Monitor	2	
0109.COMP	12	7:06	10:23:30.6	+19:51:54	300	90	3.0	#6 AGN Monitor	2	
0110.MRK421	180	7:07	11:04:27.4	+38:12:32	300	90	3.0	#6 AGN Monitor	2	
0111.MRK421	180	7:10	11:04:27.4	+38:12:32	300	90	3.0	#6 AGN Monitor	2	
0112.COMP	12	7:15	11:04:27.4	+38:12:32	300	90	3.0	#6 AGN Monitor	2	
0113.N4051	180	7:17	12:03:09.7	+44:31:53	300	90	3.0	#6 AGN Monitor	2	
0114.N4051	180	7:20	12:03:09.7	+44:31:53	300	90	3.0	#6 AGN Monitor	2	
0115.COMP	12	7:23	12:03:09.7	+44:31:53	300	90	3.0	#6 AGN Monitor	2	
0116.095918+34050_a	1200	7:27	10:02:15.3	33:51:26	300	60	3.0	#113 Galaxy In	2	
0117.COMP	12	7:48	10:02:15.3	33:51:26	300	60	3.0	#113 Galaxy In	2	
0118.095918+34050_b	300	7:49	10:02:22.2	33:52:53	300	60	3.0	#113 Galaxy In	2	
0119.COMP	12	7:54	10:02:22.2	33:52:53	300	60	3.0	#113 Galaxy In	2	
0120.100124+02390_a_b	1200	7:57	10:03:52.3	02:25:33	300	60	3.0	#113 Galaxy In	2	A=row118
0121.COMP	12	8:18	10:03:52.3	02:25:33	300	60	3.0	#113 Galaxy In	2	
0122.100754+02290_a	1200	8:21	10:10:27.8	02:13:40	300	89	3.0	#113 Galaxy In	2	
0123.COMP	12	8:42	10:10:27.8	02:13:40	300	89	3.0	#113 Galaxy In	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0124.100754+02290_b	1200	8:43	10:10:27.8	02:13:40	300	89	3.0	#113 Galaxy In	2	
0125.COMP	12	9:04	10:10:27.8	02:13:40	300	89	3.0	#113 Galaxy In	2	
0126.101112+39180_a	1200	9:06	10:14:13.9	39:03:04	300	89	3.0	#113 Galaxy In	2	
0127.COMP	12	9:26	10:14:13.9	39:03:04	300	89	3.0	#113 Galaxy In	2	
0128.101112+39180_b	600	9:27	10:14:10.9	39:01:49	300	89	3.0	#113 Galaxy In	2	
0129.COMP	12	9:38	10:14:10.9	39:01:49	300	89	3.0	#113 Galaxy In	2	
0130.101112+39180_b	600	9:39	10:14:10.9	39:01:49	300	89	3.0	#113 Galaxy In	2	
0131.COMP	12	9:49	10:14:10.9	39:01:49	300	89	3.0	#113 Galaxy In	2	
0132.SN2001L	1200	9:54	11:36:48.8	-08:35:07	300	19	3.0	#2 SN Observat	2	
0133.COMP	12	10:15	11:36:48.8	-08:35:07	300	19	3.0	#2 SN Observat	2	
0134.SN2001V	1200	10:20	11:57:25.0	25:12:10	300	62	3.0	#2 SN Observat	2	
0135.COMP	12	10:40	11:57:25.0	25:12:10	300	62	3.0	#2 SN Observat	2	
0136.132854m01260_b	1200	10:47	13:31:26.2	-01:41:08	300	90	3.0	#113 Galaxy In	2	row=80
0137.COMP	12	11:07	13:31:26.2	-01:41:08	300	90	3.0	#113 Galaxy In	2	
0138.134630p43390_a	1200	11:09	13:48:38.7	+43:24:44	300	90	3.0	#113 Galaxy In	2	
0139.134630p43390_a	1200	11:30	13:48:38.7	+43:24:44	300	90	3.0	#113 Galaxy In	2	
0140.COMP	12	11:50	13:48:38.7	+43:24:44	300	90	3.0	#113 Galaxy In	2	
0141.134630p43390_b	1200	11:52	13:48:28.8	+43:18:34	300	90	3.0	#113 Galaxy In	2	
0142.COMP	12	12:13	13:48:28.8	+43:18:34	300	90	3.0	#113 Galaxy In	2	
0143.GRB_010222	1200	12:19	14:52:14	43:01:40	300	90	3.0	#65f	2	

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0144.GRB_010222	1200	12:41	14:52:14	43:01:40	300	90	3.0	#65f	2	
0145.COMP	12	13:02	14:52:14	43:01:40	300	90	3.0	#65f	2	
0146.BDp332642	60	13:04	15:51:59.8	+32:56:54	300	90	3.0	#56 Photometri	2	
0147.COMP	12	13:06	15:51:59.8	+32:56:54	300	90	3.0	#56 Photometri	2	
0148-0152.sky	2	13:47	15:51:59.8	+32:56:54	300	90	3.0	#57 Velocity S	2	
0153.COMP	12	13:48	15:51:59.8	+32:56:54	300	90	3.0	#57 Velocity S	2	
0154-0163.BIAS	0	13:50	15:51:59.8	+32:56:54	300	90	3.0	#57 Velocity S	4	
0164-0173.FLAT	6	13:53	15:51:59.8	+32:56:54	300	90	3.0	#57 Velocity S	4	
0174-0183.BIAS	0	13:57	15:51:59.8	+32:56:54	300	90	3.0	#57 Velocity S	2	
0184-0193.FLAT	12	14:02	15:51:59.8	+32:56:54	300	90	3.0	#57 Velocity S	2	
0194-0203.DARK	900	16:24	15:51:59.8	+32:56:54	300	90	3.0	#57 Velocity S	2	

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0001-0010.DARK	900	1:46	15:51:59.8	+32:56:54	300	90	3.0	#57 Velocity S	4	
0011-0020.BIAS	0	2:03	15:51:59.8	+32:56:54	300	90	3.0	#57 Velocity S	4	
0021-0030.FLAT	6	2:07	15:51:59.8	+32:56:54	300	90	3.0	#57 Velocity S	4	
0031-0040.BIAS	0	2:10	15:51:59.8	+32:56:54	300	90	3.0	#57 Velocity S	2	
0041-0050.FLAT	12	2:15	15:51:59.8	+32:56:54	300	90	3.0	#57 Velocity S	2	
0051.Hiltner600	180	2:39	06:45:12.0	+02:06:00	300	90	3.0	#56 Photometri	4	
0052.COMP	5	2:43	06:45:12.0	+02:06:00	300	90	3.0	#56 Photometri	4	
0053.Hiltner600	600	2:43	06:45:12.0	+02:06:00	300	90	3.0	#56 Photometri	4	
0054.COMP	5	2:54	06:45:12.0	+02:06:00	300	90	3.0	#56 Photometri	4	
0055.Hiltner600	60	4:00	06:45:12.0	+02:06:00	300	90	3.0	#56 Photometri	4	
0056.Hiltner600	60	4:01	06:45:12.0	+02:06:00	300	90	3.0	#56 Photometri	4	
0057.COMP	5	4:03	06:45:12.0	+02:06:00	300	90	3.0	#56 Photometri	4	
0058.Hiltner600	60	4:04	06:45:12.0	+02:06:00	300	90	3.0	#56 Photometri	2	
0059.Hiltner600	60	4:05	06:45:12.0	+02:06:00	300	90	3.0	#56 Photometri	2	
0060.COMP	12	4:07	06:45:12.0	+02:06:00	300	90	3.0	#56 Photometri	2	
0061.Hiltner600	70	4:10	06:45:12.0	+02:06:00	300	4	3.0	#56 Photometri	2	
0062.Hiltner600	70	4:11	06:45:12.0	+02:06:00	300	4	3.0	#56 Photometri	2	
0063.COMP	12	4:13	06:45:12.0	+02:06:00	300	4	3.0	#56 Photometri	2	
0064.WILSON6377	60	4:19	09:58:18	+55:50:00	300	90	3.0	#57 Velocity S	2	Too many counts! Get again.
0065.COMP	12	4:20	09:58:18	+55:50:00	300	90	3.0	#57 Velocity S	2	

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0066.WILSON6377	20	4:21	09:58:18	+55:50:00	300	90	3.0	#57 Velocity S	2	
0067.COMP	12	4:22	09:58:18	+55:50:00	300	90	3.0	#57 Velocity S	2	
0068.BGGem	210	4:25	6:03:31	27:41:50	300	90	3.0	#100 BGGem	2	
0069.BGGem	1020	4:29	6:03:31	27:41:50	300	90	3.0	#100 BGGem	2	
0070.COMP	12	4:46	6:03:31	27:41:50	300	90	3.0	#100 BGGem	2	
0071.vso31801	1200	4:53	5:01:31.8	1:11:43	300	90	3.0	#112 Orion PMS	2	
0072.COMP	12	5:13	5:01:31.8	1:11:43	300	90	3.0	#112 Orion PMS	2	
0073.vso32027	1200	5:18	5:01:42.9	1:04:06	300	90	3.0	#112 Orion PMS	2	
0074.COMP	12	5:38	5:01:42.9	1:04:06	300	90	3.0	#112 Orion PMS	2	
0075.vso34232	1020	5:40	5:03:27.4	1:19:44	300	90	3.0	#112 Orion PMS	2	
0076.COMP	12	5:58	5:03:27.4	1:19:44	300	90	3.0	#112 Orion PMS	2	
0077.vso34730	600	6:00	5:03:53.3	1:26:17	300	90	3.0	#112 Orion PMS	2	
0078.COMP	12	6:10	5:03:53.3	1:26:17	300	90	3.0	#112 Orion PMS	2	
0079.vso35783	780	6:12	5:04:58.6	1:13:48	300	90	3.0	#112 Orion PMS	2	
0080.COMP	12	6:25	5:04:58.6	1:13:48	300	90	3.0	#112 Orion PMS	2	
0081.sn2001G	1200	6:39	09:09:33.1	+50:16:51	300	-9	3.0	#2 SN Observat	2	
0082.COMP	12	7:00	09:09:33.1	+50:16:51	300	-9	3.0	#2 SN Observat	2	
0083.SN2001N	1200	7:08	10:39:58.0	+24:05:26	300	-70	3.0	#2 SN Observat	2	
0084.COMP	12	7:29	10:39:58.0	+24:05:26	300	-70	3.0	#2 SN Observat	2	
0085.SN2001V	1200	7:34	11:57:25.0	25:12:10	300	-67	3.0	#2 SN Observat	2	

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0086.COMP	12	7:55	11:57:25.0	25:12:10	300	-67	3.0	#2 SN Observat	2	
0087.Feige34	90	8:01	10:39:36.7	+43:06:09	300	-10	3.0	#56 Photometri	2	
0088.COMP	12	8:03	10:39:36.7	+43:06:09	300	-10	3.0	#56 Photometri	2	
0089.FLAT	15	8:07	10:39:36.7	+43:06:09	300	90	2.0	#87 IRAC Stars	2	slit=2
0090-0098.FLAT	15	8:11	10:39:36.7	+43:06:09	300	90	2.0	#87 IRAC Stars	2	
0099.BDp15_1541	0	8:14	07:20:06.8	+15:08:35	300	90	2.0	#87 IRAC Stars	2	
0100.BDp15_1541	0	8:15	07:20:06.8	+15:08:35	300	90	2.0	#87 IRAC Stars	2	
0101.BDp15_1541	2	8:17	07:20:06.8	+15:08:35	300	90	2.0	#87 IRAC Stars	2	
0102.BDp15_1541	3	8:17	07:20:06.8	+15:08:35	300	90	2.0	#87 IRAC Stars	2	
0103.COMP	12	8:18	07:20:06.8	+15:08:35	300	90	2.0	#87 IRAC Stars	2	
0104.BDp33_1356	2	8:19	06:33:42.7	+33:01:26	300	90	2.0	#87 IRAC Stars	2	
0105.BDp33_1356	3	8:20	06:33:42.7	+33:01:26	300	90	2.0	#87 IRAC Stars	2	
0106.COMP	12	8:20	06:33:42.7	+33:01:26	300	90	2.0	#87 IRAC Stars	2	
0107.BDp23_1698	2	8:22	07:23:28.1	+22:56:43	300	90	2.0	#87 IRAC Stars	2	
0108.BDp23_1698	3	8:22	07:23:28.1	+22:56:43	300	90	2.0	#87 IRAC Stars	2	
0109.COMP	12	8:23	07:23:28.1	+22:56:43	300	90	2.0	#87 IRAC Stars	2	
0110.BDp20_1893	2	8:24	07:45:09.3	+20:18:58	300	90	2.0	#87 IRAC Stars	2	
0111.BDp20_1893	3	8:24	07:45:09.3	+20:18:58	300	90	2.0	#87 IRAC Stars	2	
0112.COMP	12	8:25	07:45:09.3	+20:18:58	300	90	2.0	#87 IRAC Stars	2	
0113.BDp25_1816	2	8:27	08:01:43.8	+25:05:22	300	90	2.0	#87 IRAC Stars	2	

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0114.BDp25_1816	3	8:27	08:01:43.8	+25:05:22	300	90	2.0	#87 IRAC Stars	2	
0115.BDp25_1816	5	8:28	08:01:43.8	+25:05:22	300	90	2.0	#87 IRAC Stars	2	
0116.COMP	12	8:29	08:01:43.8	+25:05:22	300	90	2.0	#87 IRAC Stars	2	
0117.HD75751	80	8:30	08:51:47.2	-01:01:34	300	90	2.0	#87 IRAC Stars	2	
0118.HD75751	300	8:37	08:51:47.2	-01:01:34	300	90	2.0	#87 IRAC Stars	2	
0119.COMP	12	8:42	08:51:47.2	-01:01:34	300	90	2.0	#87 IRAC Stars	2	
0120.BDp15_2027	2	8:44	09:21:15.3	+15:22:17	300	90	2.0	#87 IRAC Stars	2	
0121.BDp15_2027	4	8:44	09:21:15.3	+15:22:17	300	90	2.0	#87 IRAC Stars	2	
0122.BDp15_2027	6	8:45	09:21:15.3	+15:22:17	300	90	2.0	#87 IRAC Stars	2	
0123.COMP	12	8:46	09:21:15.3	+15:22:17	300	90	2.0	#87 IRAC Stars	2	
0124.HD86360	0	8:48	09:58:13.4	+12:26:41	300	90	2.0	#87 IRAC Stars	2	
0125.HD86360	2	8:48	09:58:13.4	+12:26:41	300	90	2.0	#87 IRAC Stars	2	
0126.COMP	12	8:49	09:58:13.4	+12:26:41	300	90	2.0	#87 IRAC Stars	2	
0127.HD109898	240	8:51	12:38:29.4	-11:26:47	300	90	2.0	#87 IRAC Stars	2	
0128.HD109898	90	8:55	12:38:29.4	-11:26:47	300	90	2.0	#87 IRAC Stars	2	
0129.COMP	12	8:57	12:38:29.4	-11:26:47	300	90	2.0	#87 IRAC Stars	2	
0130.HD109898	60	8:58	12:38:29.4	-11:26:47	300	90	2.0	#87 IRAC Stars	2	
0131.COMP	12	9:00	12:38:29.4	-11:26:47	300	90	2.0	#87 IRAC Stars	2	
0132.GRB_010222	1800	9:10	14:52:12.5	43:01:06	300	90	3.0	#2 SN Observat	2	
0133.COMP	12	9:41	14:52:12.5	43:01:06	300	90	3.0	#2 SN Observat	2	

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0134.GRB_010222	1800	9:46	14:52:12.5	43:01:06	300	90	3.0	#2 SN Observat	2	
0135.COMP	12	10:17	14:52:12.5	43:01:06	300	90	3.0	#2 SN Observat	2	
0136.GRB_010222	1800	10:18	14:52:12.5	43:01:06	300	90	3.0	#2 SN Observat	2	
0137.COMP	12	10:48	14:52:12.5	43:01:06	300	90	3.0	#2 SN Observat	2	
0138.GRB_010222	1800	10:52	14:52:12.5	43:01:06	300	90	3.0	#2 Sn Observat	2	
0139.COMP	12	11:23	14:52:12.5	43:01:06	300	90	3.0	#2 Sn Observat	2	clouds back...
0140-0149.BIAS	0	11:42	13:23:35.2	+36:07:59	300	90	3.0	#2 Sn Observat	4	
0150-0159.FLAT	6	11:47	13:23:35.2	+36:07:59	300	90	3.0	#2 Sn Observat	4	
0160-0169.BIAS	0	11:51	13:23:35.2	+36:07:59	300	90	3.0	#2 Sn Observat	2	
0170-0179.FLAT	12	11:56	13:23:35.2	+36:07:59	300	90	3.0	#2 Sn Observat	2	
0180-0189.DARK	900	14:16	13:23:35.2	+36:07:59	300	90	3.0	#2 Sn Observat	2	

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<i>File</i>	<i>Exp Time</i>	<i>UT Start</i>	<i>RA</i>	<i>Dec</i>	<i>Gr.</i>	<i>P.A.</i>	<i>Slit</i>	<i>Program</i>	<i>Bin</i>	<i>Comments</i>
0001.BIAS	0	1:02	03:58:33.0	31:30:16	300	90	3.0	#57 Velocity S	4	thick cloud cover
0002-0010.BIAS	0	1:04	03:59:47.0	31:30:16	300	90	3.0	#57 Velocity S	4	
0011-0020.FLAT	8	1:07	04:02:54.0	31:30:16	300	90	3.0	#57 Velocity S	4	
0021-0030.BIAS	0	1:09	04:05:22.0	31:30:16	300	90	3.0	#57 Velocity S	2	
0031-0034.FLAT	16	1:11	04:07:40.0	31:30:16	300	90	3.0	#57 Velocity S	2	
0035-0040.FLAT	16	1:14	04:10:48.0	31:30:17	300	90	3.0	#57 Velocity S	2	
0041.DARK	900	1:16	04:26:59.0	31:30:18	300	90	3.0	#57 Velocity S	4	clearing a bit
0042.DARK	900	1:31	04:42:11.0	31:30:19	300	90	3.0	#57 Velocity S	4	
0043.DARK	900	1:46	04:57:18.0	31:30:20	300	90	3.0	#57 Velocity S	4	
0044.DARK	900	2:01	05:12:29.0	31:30:21	300	90	3.0	#57 Velocity S	4	
0045.DARK	900	2:16	05:27:41.0	31:30:23	300	90	3.0	#57 Velocity S	4	
0046.DARK	900	2:31	05:42:51.0	31:30:24	300	90	3.0	#57 Velocity S	4	
0047.DARK	900	2:47	05:58:03.0	31:30:25	300	90	3.0	#57 Velocity S	4	
0048.DARK	900	3:02	06:13:11.0	31:30:27	300	90	3.0	#57 Velocity S	4	
0049.DARK	900	3:17	06:28:23.0	31:30:28	300	90	3.0	#57 Velocity S	4	
0050.DARK	900	3:32	06:43:34.0	31:30:30	300	90	3.0	#57 Velocity S	4	
0051.BGGem	240	6:39	6:03:31	27:41:50	300	90	3.0	#100 BGGem	2	stop short by clouds
0052.BGGem	360	6:43	6:03:31	27:41:50	300	90	3.0	#100 BGGem	2	
0053.COMP	10	6:49	6:03:31	27:41:50	300	90	3.0	#100 BGGem	2	
0054.SN2001V	1200	6:53	11:57:25.0	25:12:10	300	100	3.0	#2 SN Observat	2	

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<i>File</i>	<i>Exp Time</i>	<i>UT Start</i>	<i>RA</i>	<i>Dec</i>	<i>Gr.</i>	<i>P.A.</i>	<i>Slit</i>	<i>Program</i>	<i>Bin</i>	<i>Comments</i>
0055.COMP	10	7:14	11:57:25.0	25:12:10	300	100	3.0	#2 SN Observat	2	
0056.Feige34	120	7:16	10:39:36.7	+43:06:09	300	100	3.0	#56 Photometri	2	
0057.COMP	10	7:18	10:39:36.7	+43:06:09	300	100	3.0	#56 Photometri	2	
0058.095554+13290_b	900	7:23	09:58:59.5	13:11:47	300	90	3.0	#113 Galaxy In	4	
0059.COMP	5	7:39	09:58:59.5	13:11:47	300	90	3.0	#113 Galaxy In	4	
0060.095700+11540_a	1200	7:48	09:59:43.4	11:39:36	300	90	3.0	#113 Galaxy In	4	
0061.COMP	5	8:08	09:59:43.4	11:39:36	300	90	3.0	#113 Galaxy In	4	
0062.095554+13290_a	1020	8:09	09:58:36.2	13:15:18	300	90	3.0	#113 Galaxy In	4	
0063.COMP	5	8:26	09:58:36.2	13:15:18	300	90	3.0	#113 Galaxy In	4	
0064.SN2001E	1200	8:29	11:49:05.0	-09:44:10	300	0	3.0	#2 SN Observat	2	
0065.COMP	10	8:49	11:49:05.0	-09:44:10	300	0	3.0	#2 SN Observat	2	
0066.095700+11540_b	900	8:53	09:59:30.6	11:42:53	300	0	3.0	#113 Galaxy In	4	
0067.COMP	5	9:09	09:59:30.6	11:42:53	300	0	3.0	#113 Galaxy In	4	
0068.N4051	180	9:16	12:03:09.7	+44:31:53	300	90	3.0	#6 AGN Monitor	4	
0069.N4051	180	9:19	12:03:09.7	+44:31:53	300	90	3.0	#6 AGN Monitor	4	
0070.COMP	5	9:23	12:03:09.7	+44:31:53	300	90	3.0	#6 AGN Monitor	4	
0071.N4151	120	9:23	12:10:32.6	+39:24:21	300	90	3.0	#6 AGN Monitor	4	
0072.N4151	120	9:29	12:10:32.6	+39:24:21	300	90	3.0	#6 AGN Monitor	4	
0073.N4151	120	9:32	12:10:32.6	+39:24:21	300	90	3.0	#6 AGN Monitor	4	
0074.COMP	5	9:35	12:10:32.6	+39:24:21	300	90	3.0	#6 AGN Monitor	4	

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0075.115600+16270_a	900	9:51	11:58:35.8	16:10:37	300	90	3.0	#113 Galaxy In	4	clearing again
0076.COMP	5	10:06	11:58:35.8	16:10:37	300	90	3.0	#113 Galaxy In	4	
0077.115600+16270_b	900	10:07	11:58:24.4	16:12:53	300	90	3.0	#113 Galaxy In	4	
0078.COMP	5	10:23	11:58:24.4	16:12:53	300	90	3.0	#113 Galaxy In	4	
0079.115712+26350_b	720	10:24	11:59:56.5	26:15:42	300	90	3.0	#113 Galaxy In	4	
0080.COMP	5	10:36	11:59:56.5	26:15:42	300	90	3.0	#113 Galaxy In	4	
0081.115806+25080_ab	1200	10:38	12:00:43.9	24:51:21	300	65	3.0	#113 Galaxy In	2	a is @ row 82; b is faint M* sup on gal @ row 114
0082.COMP	10	10:59	12:00:43.9	24:51:21	300	65	3.0	#113 Galaxy In	2	
0083.122236+17170_a	1200	11:02	12:25:03.7	17:00:56	300	90	3.0	#113 Galaxy In	4	
0084.COMP	5	11:22	12:25:03.7	17:00:56	300	90	3.0	#113 Galaxy In	4	
0085.122236+17170_b	720	11:23	12:24:51.9	17:03:07	300	90	3.0	#113 Galaxy In	4	
0086.COMP	5	11:35	12:24:51.9	17:03:07	300	90	3.0	#113 Galaxy In	4	
0087.123324+38400_a	1200	11:37	12:35:51.6	38:22:33	300	90	3.0	#113 Galaxy In	4	clouds moving in fast
0088.COMP	5	11:57	12:35:51.6	38:22:33	300	90	3.0	#113 Galaxy In	4	
0089-0098.BIAS	0	12:08	14:17:59.6	+25:08:12	300	90	3.0	#113 Galaxy In	4	
0099-0108.FLAT	8	12:12	14:17:59.6	+25:08:12	300	90	3.0	#113 Galaxy In	4	
0109-0118.BIAS	0	12:14	14:17:59.6	+25:08:12	300	90	3.0	#113 Galaxy In	2	
0119-0128.FLAT	16	12:19	14:17:59.6	+25:08:12	300	90	3.0	#113 Galaxy In	2	
0129-0138.DARK	1200	15:23	14:17:59.6	+25:08:12	300	90	3.0	#113 Galaxy In	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001.BIAS	0	6:37	14:17:59.6	+25:08:12	300	90	3.0	#113 Galaxy In	4	solid clouds, rain and snow
0002-0010.BIAS	0	6:39	14:17:59.6	+25:08:12	300	90	3.0	#113 Galaxy In	4	
0011-0020.FLAT	8	6:42	14:17:59.6	+25:08:12	300	90	3.0	#113 Galaxy In	4	
0021.Feige34	120	6:44	10:39:36.7	+43:06:09	300	90	3.0	#56 Photometri	2	sucker hole! !??
0022.Feige34	120	6:46	10:39:36.7	+43:06:09	300	90	3.0	#56 Photometri	2	
0023.COMP	10	6:49	10:39:36.7	+43:06:09	300	90	3.0	#56 Photometri	2	
0024.N3227	120	6:51	10:23:30.6	+19:51:54	300	-20	3.0	#6 AGN Monitor	4	
0025.N3227	120	6:54	10:23:30.6	+19:51:54	300	-20	3.0	#6 AGN Monitor	4	
0026.COMP	5	6:56	10:23:30.6	+19:51:54	300	-20	3.0	#6 AGN Monitor	4	
0027.SN2001V	500	6:57	11:57:25.0	25:12:10	300	-80	3.0	#2 SN Observat	2	sucker... stopped by clouds
0028.COMP	10	7:06	11:57:25.0	25:12:10	300	-80	3.0	#2 SN Observat	2	
0029-0038.BIAS	0	7:11	11:57:25.0	25:12:10	300	-80	3.0	#2 SN Observat	2	
0039-0048.FLAT	16	7:18	11:57:25.0	25:12:10	300	-80	3.0	#2 SN Observat	2	
0049-0053.DARK	1200	8:43	11:57:25.0	25:12:10	300	-80	3.0	#2 SN Observat	2	
0054.N4051	120	9:13	12:03:09.7	+44:31:53	300	90	3.0	#6 AGN Monitor	4	open again...
0055.N4051	120	9:16	12:03:09.7	+44:31:53	300	90	3.0	#6 AGN Monitor	4	
0056.COMP	5	9:18	12:03:09.7	+44:31:53	300	90	3.0	#6 AGN Monitor	4	
0057.N4151	30	9:19	12:10:32.6	+39:24:21	300	90	3.0	#6 AGN Monitor	4	
0058.N4151	30	9:20	12:10:32.6	+39:24:21	300	90	3.0	#6 AGN Monitor	4	
0059.N4151	30	9:21	12:10:32.6	+39:24:21	300	90	3.0	#6 AGN Monitor	4	

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0060.N4151	120	9:21	12:10:32.6	+39:24:21	300	90	3.0	#6 AGN Monitor	4	
0061.COMP	5	9:24	12:10:32.6	+39:24:21	300	90	3.0	#6 AGN Monitor	4	
0062.MRK421	360	9:25	11:04:27.4	+38:12:32	300	90	3.0	#6 AGN Monitor	4	
0063.MRK421	360	9:32	11:04:27.4	+38:12:32	300	90	3.0	#6 AGN Monitor	4	
0064.COMP	5	9:39	11:04:27.4	+38:12:32	300	90	3.0	#6 AGN Monitor	4	
0065.2M105426.9p590212	300	9:40	10:54:26.8	+59:02:12	300	90	3.0	#68 2MASS Reds	4	
0066.COMP	5	9:46	10:54:26.8	+59:02:12	300	90	3.0	#68 2MASS Reds	4	
0067.2M105853.3p553804	180	9:47	10:58:53.3	+55:38:04	300	90	3.0	#68 2MASS Reds	4	
0068.COMP	5	9:50	10:58:53.3	+55:38:04	300	90	3.0	#68 2MASS Reds	4	
0069.2M110340.9p643255	300	10:03	11:03:40.8	+64:32:55	300	90	3.0	#68 2MASS Reds	4	M*; no galaxy; close double star
0070.COMP	5	10:08	11:03:40.8	+64:32:55	300	90	3.0	#68 2MASS Reds	4	
0071.2M112039.1p523730	360	10:10	11:20:39.0	+52:37:30	300	90	3.0	#68 2MASS Reds	4	
0072.COMP	5	10:17	11:20:39.0	+52:37:30	300	90	3.0	#68 2MASS Reds	4	
0073.2M112536.4p321933	600	10:25	11:25:36.4	+32:19:33	300	90	3.0	#68 2MASS Reds	4	
0074.COMP	5	10:36	11:25:36.4	+32:19:33	300	90	3.0	#68 2MASS Reds	4	
0075.2M115344.2p371003	480	10:38	11:53:44.1	+37:10:03	300	90	3.0	#68 2MASS Reds	4	
0076.COMP	5	10:46	11:53:44.1	+37:10:03	300	90	3.0	#68 2MASS Reds	4	
0077.2M115644.4p313037	600	10:48	11:56:44.3	+31:30:37	300	90	3.0	#68 2MASS Reds	4	
0078.COMP	5	10:58	11:56:44.3	+31:30:37	300	90	3.0	#68 2MASS Reds	4	
0079.2M115135.0p084508	600	11:02	11:51:35.0	+08:45:08	300	90	3.0	#68 2MASS Reds	4	stopped again by clouds

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0080.COMP	5	11:12	11:51:35.0	+08:45:08	300	90	3.0	#68 2MASS Reds	4	
0081-0090.BIAS	0	11:16	11:51:35.0	+08:45:08	300	90	3.0	#68 2MASS Reds	4	
0091-0100.FLAT	8	11:18	11:51:35.0	+08:45:08	300	90	3.0	#68 2MASS Reds	4	
0101-0110.BIAS	0	11:21	11:51:35.0	+08:45:08	300	90	3.0	#68 2MASS Reds	2	
0111-0120.FLAT	16	11:26	11:51:35.0	+08:45:08	300	90	3.0	#68 2MASS Reds	2	
0121-0130.DARK	900	13:43	11:51:35.0	+08:45:08	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
0001-0010.BIAS	0	0:28	11:51:35.0	+08:45:08	300	90	3.0	#57 Velocity S	4	
0011.FLAT	8	0:29	11:51:35.0	+08:45:08	300	90	3.0	#57 Velocity S	4	solid clouds @ sunset
0012-0020.FLAT	8	0:31	11:51:35.0	+08:45:08	300	90	3.0	#57 Velocity S	4	
0021-0030.BIAS	0	0:39	11:51:35.0	+08:45:08	300	90	3.0	#57 Velocity S	2	
0031-0040.FLAT	16	0:45	11:51:35.0	+08:45:08	300	90	3.0	#57 Velocity S	2	
0041.HD52971	5	3:35	06:57:51	+27:13:42	300	90	3.0	#57 Velocity S	4	clearing a little
0042.HD52971	5	3:35	06:57:51	+27:13:42	300	90	3.0	#57 Velocity S	4	
0043.HD52971	5	3:35	06:57:51	+27:13:42	300	90	3.0	#57 Velocity S	4	
0044.COMP	5	3:37	06:57:51	+27:13:42	300	90	3.0	#57 Velocity S	4	
0045.vso37007	600	3:41	5:05:35.0	0:59:42	300	90	3.0	#112 Orion PMS	4	
0046.COMP	5	3:52	5:05:35.0	0:59:42	300	90	3.0	#112 Orion PMS	4	
0047.vso41159	600	3:53	5:08:29.6	1:15:08	300	90	3.0	#112 Orion PMS	4	
0048.COMP	5	4:03	5:08:29.6	1:15:08	300	90	3.0	#112 Orion PMS	4	
0049.vso43487	900	4:05	5:10:05.7	1:09:26	300	90	3.0	#112 Orion PMS	2	plenty of clouds around
0050.COMP	5	4:24	5:10:05.7	1:09:26	300	90	3.0	#112 Orion PMS	2	
0051.vso43836	900	4:24	5:10:19.2	1:15:28	300	90	3.0	#112 Orion PMS	2	
0052.COMP	5	4:40	5:10:19.2	1:15:28	300	90	3.0	#112 Orion PMS	2	
0053.vso44557	900	4:40	5:10:48.8	1:14:12	300	90	3.0	#112 Orion PMS	2	
0054.COMP	5	4:57	5:10:48.8	1:14:12	300	90	3.0	#112 Orion PMS	2	
0055.sn2001G	1200	5:01	09:09:33.1	+50:16:51	300	35	3.0	#2 SN Observat	2	through clouds

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0056.COMP	10	5:21	09:09:33.1	+50:16:51	300	35	3.0	#2 SN Observat	2	
0057.BGGem	180	5:24	6:03:31	27:41:50	300	90	3.0	#100 BGGem	2	
0058.BGGem	900	5:27	6:03:31	27:41:50	300	90	3.0	#100 BGGem	2	
0059.COMP	10	5:42	6:03:31	27:41:50	300	90	3.0	#100 BGGem	2	
0060.101930+20510_a	1200	5:44	10:22:14.1	20:35:24	300	90	3.0	#113 Galaxy In	4	
0061.COMP	5	6:05	10:22:14.1	20:35:24	300	90	3.0	#113 Galaxy In	4	
0062.101930+20510_b	360	6:05	10:22:04.2	20:34:57	300	90	3.0	#113 Galaxy In	4	
0063.COMP	5	6:12	10:22:04.2	20:34:57	300	90	3.0	#113 Galaxy In	4	
0064.101936+36510_b	900	6:13	10:22:31.8	36:35:14	300	90	3.0	#113 Galaxy In	4	
0065.COMP	5	6:28	10:22:31.8	36:35:14	300	90	3.0	#113 Galaxy In	4	
0066.102830+26060_b	600	6:29	10:31:26.0	25:53:10	300	90	3.0	#113 Galaxy In	4	pretty clear
0067.COMP	5	6:40	10:31:26.0	25:53:10	300	90	3.0	#113 Galaxy In	4	
0068.102830+26060_a	600	6:40	10:31:18.5	25:51:12	300	90	3.0	#113 Galaxy In	4	
0069.COMP	5	6:50	10:31:18.5	25:51:12	300	90	3.0	#113 Galaxy In	4	
0070.103642+00030_b	900	6:52	10:39:18.1	-00:13:45	300	90	3.0	#113 Galaxy In	4	
0071.COMP	5	7:07	10:39:18.1	-00:13:45	300	90	3.0	#113 Galaxy In	4	
0072.103642+00030_a	720	7:08	10:39:20.4	-00:12:01	300	90	3.0	#113 Galaxy In	4	
0073.COMP	5	7:20	10:39:20.4	-00:12:01	300	90	3.0	#113 Galaxy In	4	
0074.Feige34	90	7:23	10:39:36.7	+43:06:09	300	0	3.0	#56 Photometri	2	
0075.Feige34	90	7:24	10:39:36.7	+43:06:09	300	0	3.0	#56 Photometri	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0076.COMP	10	7:26	10:39:36.7	+43:06:09	300	0	3.0	#56 Photometri	2	
0077.SN2001V	720	7:30	11:57:25.0	25:12:10	300	-60	3.0	#2 SN Observat	2	
0078.COMP	10	7:42	11:57:25.0	25:12:10	300	-60	3.0	#2 SN Observat	2	
0079.SN2001V	720	7:43	11:57:25.0	25:12:10	300	-60	3.0	#2 SN Observat	2	
0080.COMP	10	7:56	11:57:25.0	25:12:10	300	-60	3.0	#2 SN Observat	2	
0081.104636+16040_a	720	8:00	10:49:14.0	15:48:32	300	90	3.0	#113 Galaxy In	4	
0082.COMP	5	8:12	10:49:14.0	15:48:32	300	90	3.0	#113 Galaxy In	4	
0083.104636+16040_b	90	8:13	10:49:15.8	15:46:04	300	90	3.0	#113 Galaxy In	4	M*; no gal
0084.COMP	5	8:15	10:49:15.8	15:46:04	300	90	3.0	#113 Galaxy In	4	
0085.105730+12300_b	600	8:15	11:00:04.4	12:14:04	300	90	3.0	#113 Galaxy In	4	
0086.COMP	5	8:26	11:00:04.4	12:14:04	300	90	3.0	#113 Galaxy In	4	
0087.105730+12300_a	1200	8:27	11:00:04.4	12:14:04	300	90	3.0	#113 Galaxy In	2	more clouds coming in
0088.COMP	10	8:47	11:00:04.4	12:14:04	300	90	3.0	#113 Galaxy In	2	
0089.110806+05070_b	900	8:48	11:10:44.8	04:52:34	300	90	3.0	#113 Galaxy In	4	increasing clouds
0090.COMP	5	9:03	11:10:44.8	04:52:34	300	90	3.0	#113 Galaxy In	4	
0091.110806+05070_a	1200	9:04	11:10:44.8	04:50:47	300	90	3.0	#113 Galaxy In	4	
0092.COMP	5	9:25	11:10:44.8	04:50:47	300	90	3.0	#113 Galaxy In	4	
0093.N4051	360	9:26	12:03:09.7	+44:31:53	300	90	3.0	#6 AGN Monitor	4	
0094.COMP	5	9:32	12:03:09.7	+44:31:53	300	90	3.0	#6 AGN Monitor	4	
0095.N4151	90	9:33	12:10:32.6	+39:24:21	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>
0096.N4151	90	9:35	12:10:32.6	+39:24:21	300	90	3.0	#6 AGN Monitor	4	
0097.COMP	5	9:39	12:10:32.6	+39:24:21	300	90	3.0	#6 AGN Monitor	4	
0098.N5548	600	9:45	14:17:59.6	+25:08:12	300	90	3.0	#6 AGN Monitor	4	
0099.COMP	5	9:56	14:17:59.6	+25:08:12	300	90	3.0	#6 AGN Monitor	4	stopped by clouds
0100-0109.BIAS	0	10:08	14:17:59.6	+25:08:12	300	90	3.0	#113 Galaxy In	4	
0110-0119.FLAT	8	10:11	14:17:59.6	+25:08:12	300	90	3.0	#113 Galaxy In	4	
0120-0129.BIAS	0	10:14	14:17:59.6	+25:08:12	300	90	3.0	#113 Galaxy In	2	
0130-0139.FLAT	16	10:19	14:17:59.6	+25:08:12	300	90	3.0	#113 Galaxy In	2	
0140-0149.DARK	900	12:39	14:17:59.6	+25:08:12	300	90	3.0	#113 Galaxy In	4	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001.DARK	900	21:14	00:40:11.0	31:30:12	300	90	3.0	#113 Galaxy In	4	
0002-0006.DARK	900	22:29	01:56:05.0	31:30:11	300	90	3.0	#113 Galaxy In	4	
0007-0009.DARK	900	23:15	02:41:34.0	31:30:12	300	90	3.0	#113 Galaxy In	4	
0010.DARK	900	23:30	02:56:45.0	31:30:13	300	90	3.0	#113 Galaxy In	4	
0011-0020.BIAS	0	2:35	05:47:07.0	31:30:24	300	90	3.0	#113 Galaxy In	4	
0021-0030.FLAT	6	3:18	06:30:18.0	31:30:28	300	90	3.0	#113 Galaxy In	4	
0031-0040.BIAS	0	3:23	06:35:04.0	31:30:29	300	90	3.0	#113 Galaxy In	2	
0041-0050.FLAT	12	3:28	06:41:05.0	31:30:29	300	90	3.0	#113 Galaxy In	2	
0051.HZ44	120	10:18	13:23:35.2	+36:07:59	300	90	3.0	#56 Photometri	2	
0052.COMP	12	10:20	13:23:35.2	+36:07:59	300	90	3.0	#56 Photometri	2	
0053.HZ44	120	10:22	13:23:35.2	+36:07:59	300	-24	3.0	#56 Photometri	2	
0054.COMP	12	10:25	13:23:35.2	+36:07:59	300	-24	3.0	#56 Photometri	2	
0055.sn2001G	900	10:30	09:09:33.1	+50:16:51	300	83	3.0	#2 SN Observat	2	
0056.sn2001G	900	10:46	09:09:33.1	+50:16:51	300	83	3.0	#2 SN Observat	2	
0057.COMP	12	11:01	09:09:33.1	+50:16:51	300	83	3.0	#2 SN Observat	2	
0058.SN2001V	1200	11:04	11:57:25.0	25:12:10	300	69	3.0	#2 SN Observat	2	
0059.COMP	12	11:24	11:57:25.0	25:12:10	300	69	3.0	#2 SN Observat	2	
0060.FLAT	15	11:27	11:57:25.0	25:12:10	300	90	2.0	#2 SN Observat	2	slit=2
0061-0069.FLAT	15	11:32	11:57:25.0	25:12:10	300	90	2.0	#2 SN Observat	2	
0070.HD90825	45	11:36	10:29:18.3	2:49:05	300	90	2.0	#87 IRAC Stars	2	

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<i>File</i>	<i>Exp Time</i>	<i>UT Start</i>	<i>RA</i>	<i>Dec</i>	<i>Gr.</i>	<i>P.A.</i>	<i>Slit</i>	<i>Program</i>	<i>Bin</i>	<i>Comments</i>
0071.HD90825	30	11:37	10:29:18.3	2:49:05	300	90	2.0	#87 IRAC Stars	2	
0072.COMP	12	11:38	10:29:18.3	2:49:05	300	90	2.0	#87 IRAC Stars	2	
0073.HD93258	30	11:40	10:46:06.6	0:05:51	300	90	2.0	#87 IRAC Stars	2	
0074.HD93258	50	11:41	10:46:06.6	0:05:51	300	90	2.0	#87 IRAC Stars	2	
0075.COMP	12	11:42	10:46:06.6	0:05:51	300	90	2.0	#87 IRAC Stars	2	
0076.HD98590	30	11:44	11:20:38.7	3:37:09	300	90	2.0	#87 IRAC Stars	2	
0077.HD98590	40	11:45	11:20:38.7	3:37:09	300	90	2.0	#87 IRAC Stars	2	
0078.COMP	12	11:46	11:20:38.7	3:37:09	300	90	2.0	#87 IRAC Stars	2	
0079.HD97677	40	11:48	11:14:27.6	0:53:32	300	90	2.0	#87 IRAC Stars	2	
0080.COMP	12	11:50	11:14:27.6	0:53:32	300	90	2.0	#87 IRAC Stars	2	
0081.HD98665	45	11:52	11:21:08.4	-3:45:45	300	90	2.0	#87 IRAC Stars	2	
0082.COMP	12	11:54	11:21:08.4	-3:45:45	300	90	2.0	#87 IRAC Stars	2	
0083.HD98826	30	11:55	11:22:22.2	-5:08:51	300	90	2.0	#87 IRAC Stars	2	
0084.HD98826	20	11:56	11:22:22.2	-5:08:51	300	90	2.0	#87 IRAC Stars	2	
0085.COMP	12	11:57	11:22:22.2	-5:08:51	300	90	2.0	#87 IRAC Stars	2	
0086.HD99226	30	11:59	11:25:05.8	-4:34:50	300	90	2.0	#87 IRAC Stars	2	
0087.HD99226	25	12:00	11:25:05.8	-4:34:50	300	90	2.0	#87 IRAC Stars	2	
0088.COMP	12	12:01	11:25:05.8	-4:34:50	300	90	2.0	#87 IRAC Stars	2	
0089.HD99237	25	12:02	11:25:13.9	-1:36:54	300	90	2.0	#87 IRAC Stars	2	
0090.HD99237	30	12:04	11:25:13.9	-1:36:54	300	90	2.0	#87 IRAC Stars	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0091.COMP	12	12:04	11:25:13.9	-1:36:54	300	90	2.0	#87 IRAC Stars	2	
0092.HD99253	25	12:06	11:25:15.0	-5:52:08	300	90	2.0	#87 IRAC Stars	2	
0093.HD99253	40	12:07	11:25:15.0	-5:52:08	300	90	2.0	#87 IRAC Stars	2	
0094.COMP	12	12:08	11:25:15.0	-5:52:08	300	90	2.0	#87 IRAC Stars	2	
0095.HD99289	30	12:09	11:25:30.1	-6:00:31	300	90	2.0	#87 IRAC Stars	2	
0096.HD99289	50	12:10	11:25:30.1	-6:00:31	300	90	2.0	#87 IRAC Stars	2	
0097.COMP	12	12:11	11:25:30.1	-6:00:31	300	90	2.0	#87 IRAC Stars	2	
0098.COLA_158	720	12:20	15:13:13.1	07:13:31	300	29	3.0	#124 COLA	2	slit=3
0099.COMP	12	12:32	15:13:13.1	07:13:31	300	29	3.0	#124 COLA	2	
0100.COLA_159	1020	12:34	15:30:01	12:59:21	300	90	3.0	#124 COLA	2	
0101.COMP	12	12:51	15:30:01	12:59:21	300	90	3.0	#124 COLA	2	
0102.BDp332642	45	13:07	15:51:59.8	+32:56:54	300	90	3.0	#56 Photometri	2	
0103.BDp332642	45	13:08	15:51:59.8	+32:56:54	300	90	3.0	#56 Photometri	2	
0104.COMP	12	13:09	15:51:59.8	+32:56:54	300	90	3.0	#56 Photometri	2	
0105-0109.sky	2	13:39	15:51:59.8	+32:56:54	300	90	3.0	357 velocity s	4	
0110.COMP	5	13:39	15:51:59.8	+32:56:54	300	90	3.0	357 velocity s	4	
0111-0120.BIAS	0	13:41	15:51:59.8	+32:56:54	300	90	3.0	357 velocity s	4	
0121-0130.FLAT	6	13:44	15:51:59.8	+32:56:54	300	90	3.0	357 velocity s	4	
0131-0140.BIAS	0	13:46	15:51:59.8	+32:56:54	300	90	3.0	357 velocity s	2	
0141-0150.FLAT	12	13:50	15:51:59.8	+32:56:54	300	90	3.0	357 velocity s	2	

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<i>File</i>	<i>Exp Time</i>	<i>UT Start</i>	<i>RA</i>	<i>Dec</i>	<i>Gr.</i>	<i>P.A.</i>	<i>Slit</i>	<i>Program</i>	<i>Bin</i>	<i>Comments</i>
0151-0160.DARK	900	16:08	15:51:59.8	+32:56:54	300	90	3.0	357 velocity s	2	