

UT Date 2000-11-02 Observers M CalkinsColl. Focus 1000 Grating/Grism 600

<i>File</i>	<i>Exp Time</i>	<i>UT Start</i>	<i>RA</i>	<i>Dec</i>	<i>Gr.</i>	<i>P.A.</i>	<i>Slit</i>	<i>Program</i>	<i>Bin</i>	<i>Comments</i>
0001-0010.DARK	900	1:05	05:19:16.6	22:05:47	600	90	2.0	#88f Velocity	2	
0011-0020.BIAS	0	1:22	05:19:16.6	22:05:47	600	90	2.0	#88f Velocity	2	
0021-0030.FLAT	30	1:30	05:19:16.6	22:05:47	600	90	2.0	#88f Velocity	2	
0031.HD182762	33	1:40	19:25:28.6	19:47:54	600	90	2.0	#88f Velocity	2	
0032.COMP	20	1:41	19:25:28.6	19:47:54	600	90	2.0	#88f Velocity	2	
0033.BDp284211	60	1:44	21:51:11.0	+28:51:50	600	90	2.0	#56 Photometri	2	
0034.COMP	20	1:45	21:51:11.0	+28:51:50	600	90	2.0	#56 Photometri	2	
0035.COMP	20	1:51	18:02:45.7	26:14:12	600	90	2.0	#88f Mass Func	2	
0036.MF7037	1020	1:52	18:02:45.7	26:14:12	600	79	2.0	#88f Mass Func	2	
0037.MF7037	1020	2:09	18:02:45.7	26:14:12	600	79	2.0	#88f Mass Func	2	
0038.MF7037	1020	2:26	18:02:45.7	26:14:12	600	79	2.0	#88f Mass Func	2	
0039.COMP	20	2:44	18:02:45.7	26:14:12	600	79	2.0	#88f Mass Func	2	
0040.COMP	20	2:48	22:51:58.6	17:18:14	600	69	2.0	#88f Mass Func	2	
0041.MF7091	1200	2:49	22:51:58.6	17:18:14	600	69	2.0	#88f Mass Func	2	
0042.MF7091	1200	3:09	22:51:58.6	17:18:14	600	69	2.0	#88f Mass Func	2	
0043.MF7091	1200	3:29	22:51:58.6	17:18:14	600	69	2.0	#88f Mass Func	2	
0044.COMP	20	3:50	22:51:58.6	17:18:14	600	69	2.0	#88f Mass Func	2	
0045.COMP	20	3:53	01:12:00.5	+17:18:34	600	69	2.0	#88f Mass Func	2	
0046.MF2176	600	3:54	01:12:00.5	+17:18:34	600	54	2.0	#88f Mass Func	2	
0047.MF2176	600	4:04	01:12:00.5	+17:18:34	600	54	2.0	#88f Mass Func	2	

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0048.MF2176	600	4:14	01:12:00.5	+17:18:34	600	54	2.0	#88f Mass Func	2	
0049.COMP	20	4:25	01:12:00.5	+17:18:34	600	54	2.0	#88f Mass Func	2	
0050.MF7058	450	4:27	02:05:43.6	24:14:02	600	-15	2.0	#88f Mass Func	2	
0051.MF7058	450	4:35	02:05:43.6	24:14:02	600	-15	2.0	#88f Mass Func	2	
0052.COMP	20	4:43	02:05:43.6	24:14:02	600	-15	2.0	#88f Mass Func	2	
0053.MF7106	450	4:45	00:21:5.0	34:30:53	600	0	2.0	#88f Mass Func	2	
0054.MF7106	450	4:53	00:21:5.0	34:30:53	600	0	2.0	#88f Mass Func	2	
0055.COMP	20	5:01	00:21:5.0	34:30:53	600	0	2.0	#88f Mass Func	2	
0056.HD221115	34	5:03	23:29:09.3	12:45:38	600	90	2.0	#88f Velocity	2	
0057.COMP	20	5:04	23:29:09.3	12:45:38	600	90	2.0	#88f Velocity	2	
0058.COMP	20	5:08	02:55:56.3	15:58:22	600	74	2.0	#88f Mass Func	2	
0059.MF7081	1200	5:09	02:55:56.3	15:58:22	600	74	2.0	#88f Mass Func	2	
0060.MF7081	1200	5:29	02:55:56.3	15:58:22	600	74	2.0	#88f Mass Func	2	
0061.MF7081	1200	5:50	02:55:56.3	15:58:22	600	74	2.0	#88f Mass Func	2	
0062.COMP	20	6:10	02:55:56.3	15:58:22	600	74	2.0	#88f Mass Func	2	
0063.MF7009	450	6:13	01:01:21.2	31:30:27	600	9	2.0	#88f Mass Func	2	
0064.MF7009	450	6:21	01:01:21.2	31:30:27	600	9	2.0	#88f Mass Func	2	
0065.COMP	20	6:29	01:01:21.2	31:30:27	600	9	2.0	#88f Mass Func	2	
0066.COMP	20	6:32	02:54:47.1	15:35:22	600	45	2.0	#88f Mass Func	2	
0067.MF7022	900	6:33	02:54:47.1	15:35:22	600	45	2.0	#88f Mass Func	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0068.MF7022	900	6:48	02:54:47.1	15:35:22	600	45	2.0	#88f Mass Func	2	
0069.MF7022	900	7:04	02:54:47.1	15:35:22	600	45	2.0	#88f Mass Func	2	
0070.COMP	20	7:19	02:54:47.1	15:35:22	600	45	2.0	#88f Mass Func	2	
0071.HD10761	38	7:21	01:45:23.6	09:09:27	600	45	2.0	#88f Velocity	2	
0072.COMP	20	7:23	01:45:23.6	09:09:27	600	45	2.0	#88f Velocity	2	
0073.NGC0821	150	7:25	02:05:40.5	10:45:32	600	24	2.0	#88f Velocity	2	
0074.NGC0821	150	7:28	02:05:40.5	10:45:32	600	24	2.0	#88f Velocity	2	
0075.NGC0821	150	7:31	02:05:40.5	10:45:32	600	24	2.0	#88f Velocity	2	
0076.COMP	20	7:36	02:05:40.5	10:45:32	600	24	2.0	#56 Photometri	2	
0077.Feige25	150	7:38	02:38:37.7	+05:28:11	600	90	2.0	#56 Photometri	2	
0078.COMP	20	7:41	02:38:37.7	+05:28:11	600	90	2.0	#56 Photometri	2	
0079.COMP	20	7:45	02:40:32.8	+14:17:52	600	90	2.0	#88f Mass Func	2	
0080.MF2485	900	7:46	02:40:32.8	+14:17:52	600	38	2.0	#88f Mass Func	2	
0081.MF2485	900	8:01	02:40:32.8	+14:17:52	600	38	2.0	#88f Mass Func	2	
0082.MF2485	900	8:17	02:40:32.8	+14:17:52	600	38	2.0	#88f Mass Func	2	
0083.COMP	20	8:32	02:40:32.8	+14:17:52	600	38	2.0	#88f Mass Func	2	
0084.MF7035	450	8:34	03:50:23.4	6:58:22	600	42	2.0	#88f Mass Func	2	row=76
0085.MF7035	450	8:42	03:50:23.4	6:58:22	600	42	2.0	#88f Mass Func	2	
0086.COMP	20	8:50	03:50:23.4	6:58:22	600	42	2.0	#88f Mass Func	2	
0087.COMP	20	8:52	03:20:50.8	+15:56:35	600	42	2.0	#88f Mass Func	2	

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0088.MF2560	900	8:53	03:20:50.8	+15:56:35	600	45	2.0	#88f Mass Func	2	
0089.MF2560	900	9:08	03:20:50.8	+15:56:35	600	45	2.0	#88f Mass Func	2	
0090.MF2560	900	9:23	03:20:50.8	+15:56:35	600	45	2.0	#88f Mass Func	2	
0091.COMP	20	9:39	03:20:50.8	+15:56:35	600	45	2.0	#88f Mass Func	2	
0092.HD28305	34	9:40	04:28:37.0	19:10:49	600	90	2.0	#88f Velocity	2	
0093.COMP	20	9:41	04:28:37.0	19:10:49	600	90	2.0	#88f Velocity	2	
0094.NGC1023	120	9:43	02:37:15.8	38:50:55	600	86	2.0	#88f Velocity	2	
0095.NGC1023	120	9:45	02:37:15.8	38:50:55	600	86	2.0	#88f Velocity	2	
0096.NGC1023	120	9:48	02:37:15.8	38:50:55	600	86	2.0	#88f Velocity	2	
0097.COMP	20	9:50	02:37:15.8	38:50:55	600	86	2.0	#88f Velocity	2	
0098.COMP	20	9:53	7:55:59.9	+12:58:53	600	86	2.0	#88f Mass Func	2	
0099.MF4005	900	9:54	7:55:59.9	+12:58:53	600	101	2.0	#88f Mass Func	2	
0100.MF4005	900	10:09	7:55:59.9	+12:58:53	600	101	2.0	#88f Mass Func	2	
0101.MF4005	900	10:25	7:55:59.9	+12:58:53	600	101	2.0	#88f Mass Func	2	
0102.COMP	20	10:40	7:55:59.9	+12:58:53	600	101	2.0	#88f Mass Func	2	
0103.COMP	20	10:42	08:13:18.3	+34:55:57	600	101	2.0	#88f Mass Func	2	
0104.MF2849	900	10:43	08:13:18.3	+34:55:57	600	110	2.0	#88f Mass Func	2	
0105.MF2849	900	10:58	08:13:18.3	+34:55:57	600	110	2.0	#88f Mass Func	2	
0106.MF2849	900	11:14	08:13:18.3	+34:55:57	600	110	2.0	#88f Mass Func	2	
0107.COMP	20	11:29	08:13:18.3	+34:55:57	600	110	2.0	#88f Mass Func	2	

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0108.COMP	20	11:32	7:9:44.8	+48:41:26	600	110	2.0	#88f Mass Func	2	
0109.MF4007	1200	11:33	7:9:44.8	+48:41:26	600	-28	2.0	#88f Mass Func	2	
0110.MF4007	1200	11:53	7:9:44.8	+48:41:26	600	-28	2.0	#88f Mass Func	2	
0111.MF4007	1200	12:14	7:9:44.8	+48:41:26	600	-28	2.0	#88f Mass Func	2	
0112.COMP	20	12:34	7:9:44.8	+48:41:26	600	-28	2.0	#88f Mass Func	2	
0113.COMP	20	12:37	07:25:14.1	+42:01:06	600	-28	2.0	#88f Mass Func	2	
0114.MF2724	600	12:38	07:25:14.1	+42:01:06	600	-43	2.0	#88f Mass Func	2	
0115.MF2724	600	12:48	07:25:14.1	+42:01:06	600	-43	2.0	#88f Mass Func	2	
0116.COMP	20	12:59	07:25:14.1	+42:01:06	600	-43	2.0	#88f Mass Func	2	
0117.HD48433	34	13:02	06:43:59.3	13:13:40	600	90	2.0	#88f Velocity	2	
0118.COMP	20	13:03	06:43:59.3	13:13:40	600	90	2.0	#88f Velocity	2	
0119-0123.sky	2	13:33	06:43:59.3	13:13:40	600	90	2.0	#88f Velocity	2	
0124.COMP	20	13:33	06:43:59.3	13:13:40	600	90	2.0	#88f Velocity	2	
0125-0134.BIAS	0	13:37	06:43:59.3	13:13:40	600	90	2.0	#88f Velocity	2	
0135-0144.FLAT	30	13:44	06:43:59.3	13:13:40	600	90	2.0	#88f Velocity	2	
0145-0154.DARK	900	16:04	06:43:59.3	13:13:40	600	90	2.0	#88f Velocity	2	

UT Date 2000-11-03 Observers M CalkinsColl. Focus 1000 Grating/Grism 600

<i>File</i>	<i>Exp Time</i>	<i>UT Start</i>	<i>RA</i>	<i>Dec</i>	<i>Gr.</i>	<i>P.A.</i>	<i>Slit</i>	<i>Program</i>	<i>Bin</i>	<i>Comments</i>
0001.BIAS	0	23:13	06:43:59.3	13:13:40	600	90	2.0	#88f Velocity	2	
0002-0011.DARK	900	1:35	06:43:59.3	13:13:40	600	90	2.0	#88f Velocity	2	
0012-0021.BIAS	0	2:51	06:43:59.3	13:13:40	600	90	2.0	#88f Velocity	2	
0022.FLAT	30	2:55	06:43:59.3	13:13:40	600	90	2.0	#88f Velocity	2	clouds at sunset
0023-0031.FLAT	30	3:01	06:43:59.3	13:13:40	600	90	2.0	#88f Velocity	2	
0032.Feige25	120	5:52	02:38:37.7	+05:28:11	600	90	2.0	#56 Photometri	2	
0033.COMP	20	5:55	02:38:37.7	+05:28:11	600	90	2.0	#56 Photometri	2	
0034.MF2177	600	6:01	01:12:09.4	+12:14:38	600	-5	2.0	#88f Mass Func	2	
0035.MF2177	600	6:11	01:12:09.4	+12:14:38	600	-5	2.0	#88f Mass Func	2	
0036.COMP	20	6:21	01:12:09.4	+12:14:38	600	-5	2.0	#88f Mass Func	2	
0037.MF2312	600	6:27	01:58:19.0	+20:57:44	600	-45	2.0	#88f Mass Func	2	
0038.MF2312	600	6:37	01:58:19.0	+20:57:44	600	-45	2.0	#88f Mass Func	2	
0039.COMP	20	6:47	01:58:19.0	+20:57:44	600	-45	2.0	#88f Mass Func	2	
0040.COMP	20	6:51	02:55:56.3	15:58:22	600	-45	2.0	#88f Mass Func	2	
0041.MF7081	1200	6:52	02:55:56.3	15:58:22	600	75	2.0	#88f Mass Func	2	
0042.MF7081	1200	7:12	02:55:56.3	15:58:22	600	75	2.0	#88f Mass Func	2	
0043.MF7081	1200	7:33	02:55:56.3	15:58:22	600	75	2.0	#88f Mass Func	2	
0044.COMP	20	7:53	02:55:56.3	15:58:22	600	75	2.0	#88f Mass Func	2	
0045.MF2176	450	7:56	01:12:00.5	+17:18:34	600	55	2.0	#88f Mass Func	2	
0046.MF2176	450	8:03	01:12:00.5	+17:18:34	600	55	2.0	#88f Mass Func	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>
0047.COMP	20	8:11	01:12:00.5	+17:18:34	600	55	2.0	#88f Mass Func	2	
0048-0057.BIAS	0	12:37	01:12:00.5	+17:18:34	600	55	2.0	#88f Mass Func	2	
0058-0067.FLAT	30	12:45	01:12:00.5	+17:18:34	600	55	2.0	#88f Mass Func	2	
0068-0077.DARK	900	15:03	01:12:00.5	+17:18:34	600	55	2.0	#88f Mass Func	2	

UT Date 11/04/00 Observers P. BerlindColl. Focus 965 Filter none

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001.BIAS	0	3:12	-	-	300	55	3.0	-		
0002.BIAS	0	3:12	-	-	300	55	3.0	-		
0004.BIAS	0	3:12	-	-	300	55	3.0	-		
0004.BIAS	0	3:12	-	-	300	55	3.0	-		
0006.BIAS	0	3:12	-	-	300	55	3.0	-		
0007.BIAS	0	3:12	-	-	300	55	3.0	-		
0008.BIAS	0	3:12	-	-	300	55	3.0	-		
0009.BIAS	0	3:13	-	-	300	55	3.0	-		
0010.BIAS	0	3:13	-	-	300	55	3.0	-		
0010.BIAS	0	3:13	-	-	300	55	3.0	-		
0011.FLAT	8	3:13	-	-	300	55	3.0	-		
0012.FLAT	8	3:13	-	-	300	55	3.0	-		
0013.FLAT	8	3:14	-	-	300	55	3.0	-		
0014.FLAT	8	3:14	-	-	300	55	3.0	-		
0015.FLAT	8	3:14	-	-	300	55	3.0	-		
0016.FLAT	8	3:14	-	-	300	55	3.0	-		
0017.FLAT	8	3:15	-	-	300	55	3.0	-		
0018.FLAT	8	3:15	-	-	300	55	3.0	-		
0019.FLAT	8	3:15	-	-	300	55	3.0	-		
0020.FLAT	8	3:15	-	-	300	55	3.0	-		

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0021.BIAS	0	3:16	-	-	300	55	3.0	-		
0022.BIAS	0	3:16	-	-	300	55	3.0	-		
0023.BIAS	0	3:17	-	-	300	55	3.0	-		
0024.BIAS	0	3:17	-	-	300	55	3.0	-		
0025.BIAS	0	3:17	-	-	300	55	3.0	-		
0026.BIAS	0	3:17	-	-	300	55	3.0	-		
0027.BIAS	0	3:18	-	-	300	55	3.0	-		
0028.BIAS	0	3:18	-	-	300	55	3.0	-		
0029.BIAS	0	3:18	-	-	300	55	3.0	-		
0030.BIAS	0	3:18	-	-	300	55	3.0	-		
0031.FLAT	16	3:18	-	-	300	55	3.0	-		
0032.FLAT	16	3:19	-	-	300	55	3.0	-		
0033.FLAT	16	3:19	-	-	300	55	3.0	-		
0034.FLAT	16	3:20	-	-	300	55	3.0	-		
0035.FLAT	16	3:20	-	-	300	55	3.0	-		
0036.FLAT	16	3:21	-	-	300	55	3.0	-		
0037.FLAT	16	3:21	-	-	300	55	3.0	-		
0038.FLAT	16	3:22	-	-	300	55	3.0	-		
0039.FLAT	16	3:22	-	-	300	55	3.0	-		
0040.FLAT	16	3:23	-	-	300	55	3.0	-		

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0001-0015.DARK	1200	23:25	19:19:48.0	31:30:06	300	55	3.0	#57 Velocity S	2	
0016.BIAS	0	7:28	03:03:37.0	31:30:17	300	55	3.0	#57 Velocity S	4	clouds/rain
0017-0025.BIAS	0	7:29	03:04:50.0	31:30:17	300	55	3.0	#57 Velocity S	4	
0026-0035.FLAT	8	7:32	03:08:11.0	31:30:17	300	55	3.0	#57 Velocity S	4	
0036-0045.BIAS	0	7:35	03:10:34.0	31:30:17	300	55	3.0	#57 Velocity S	2	
0046-0047.FLAT	16	7:36	03:12:14.0	31:30:17	300	55	3.0	#57 Velocity S	2	
0048-0055.FLAT	16	7:40	03:16:17.0	31:30:18	300	55	3.0	#57 Velocity S	2	
0056.NGC1700	180	8:50	04:56:58.1	-04:52:22	300	55	3.0	#57 Velocity S	4	clearing 2am
0057.COMP	5	8:54	04:56:58.1	-04:52:22	300	55	3.0	#57 Velocity S	4	
0058.HZ14	360	8:57	04:41:01.0	+10:59:42	300	0	3.0	#56 Photometri	4	
0059.COMP	5	9:03	04:41:01.0	+10:59:42	300	0	3.0	#56 Photometri	4	
0060.vso34980	900	9:04	5:03:33.9	1:36:18	300	0	3.0	#112 Orion PMS	4	
0061.COMP	5	9:19	5:03:33.9	1:36:18	300	0	3.0	#112 Orion PMS	4	
0062.vso52572	1200	9:21	5:15:43.6	1:57:31	300	0	3.0	#112 Orion PMS	4	
0063.COMP	5	9:41	5:15:43.6	1:57:31	300	0	3.0	#112 Orion PMS	4	
0064.vso62582	720	9:42	5:21:54.2	1:55:01	300	0	3.0	#112 Orion PMS	4	
0065.COMP	5	9:55	5:21:54.2	1:55:01	300	0	3.0	#112 Orion PMS	4	
0066.BGGem	210	10:02	6:03:31	27:41:50	300	0	3.0	#100 BGGem	2	
0067.BGGem	1200	10:06	6:03:31	27:41:50	300	0	3.0	#100 BGGem	2	
0068.COMP	10	10:26	6:03:31	27:41:50	300	0	3.0	#100 BGGem	2	

UT Date 2000-11-05 Observers P BerlindColl. Focus 1000 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0069.vso64493	1200	10:29	5:23:04.7	1:37:15	300	0	3.0	#112 Orion PMS	4	
0070.COMP	5	10:49	5:23:04.7	1:37:15	300	0	3.0	#112 Orion PMS	4	
0071.vso65212	900	10:50	5:23:30.9	1:45:49	300	0	3.0	#112 Orion PMS	4	
0072.COMP	5	11:05	5:23:30.9	1:45:49	300	0	3.0	#112 Orion PMS	4	
0073.vso97017	720	11:07	5:41:08.3	1:53:24	300	0	3.0	#112 Orion PMS	4	
0074.COMP	5	11:20	5:41:08.3	1:53:24	300	0	3.0	#112 Orion PMS	4	
0075.vso118926	1200	11:21	5:52:30.8	2:05:06	300	0	3.0	#112 Orion PMS	4	
0076.COMP	5	11:41	5:52:30.8	2:05:06	300	0	3.0	#112 Orion PMS	4	
0077.vso127971	900	11:42	5:58:26.3	1:47:58	300	0	3.0	#112 Orion PMS	4	
0078.COMP	5	11:57	5:58:26.3	1:47:58	300	0	3.0	#112 Orion PMS	4	
0079.vso129526	900	11:58	5:59:18.6	1:43:50	300	0	3.0	#112 Orion PMS	4	
0080.COMP	5	12:14	5:59:18.6	1:43:50	300	0	3.0	#112 Orion PMS	4	
0081.Hiltner600	60	12:16	06:45:12.0	+02:06:00	300	0	3.0	#56 Photometri	4	
0082.Hiltner600	60	12:17	06:45:12.0	+02:06:00	300	0	3.0	#56 Photometri	4	fog! close
0083.COMP	5	12:18	06:45:12.0	+02:06:00	300	0	3.0	#56 Photometri	4	
0084-0093.BIAS	0	12:23	07:30:00	30:00:00	300	0	3.0	#56 Photometri	4	
0094-0103.FLAT	8	12:26	07:30:00	30:00:00	300	0	3.0	#56 Photometri	4	
0104-0113.BIAS	0	12:29	07:30:00	30:00:00	300	0	3.0	#56 Photometri	2	
0114-0123.FLAT	16	12:34	07:30:00	30:00:00	300	0	3.0	#56 Photometri	2	

UT Date 11/06/00 Observers P. BerlindColl. Focus 965 Filter none

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
01.10.DARK	900	21:16	07:30:00	30:00:00	300	0	3.0	#56 Photometri		
11.20.BIAS	0	0:17	07:30:00	30:00:00	300	0	3.0	#56 Photometri		mtn. fog...
21.30.FLAT	8	0:20	07:30:00	30:00:00	300	0	3.0	#56 Photometri		
31.40.BIAS	0	0:31	07:30:00	30:00:00	300	0	3.0	#56 Photometri		
41.50.FLAT	16	0:34	07:30:00	30:00:00	300	0	3.0	#56 Photometri		
51.52.M32	30	5:53	00:39:58	+40:35:30	300	90	3.0	#57 Velocity S		clearing @ 11pm
0053.COMP	5	5:55	00:39:58	+40:35:30	300	90	3.0	#57 Velocity S		
0054.225m280	240	5:56	00:41:45.1	+41:05:12	300	90	3.0	#57 Velocity S		
0055.COMP	5	6:00	00:41:45.1	+41:05:12	300	90	3.0	#57 Velocity S		
56.57.HD12623	1	6:01	02:02:19	+62:56:04	300	90	3.0	#57 Velocity S		
0058.COMP	5	6:02	02:02:19	+62:56:04	300	90	3.0	#57 Velocity S		
0059.022229p570912	240	6:03	02:22:29.6	+57:09:13	300	90	3.0	#83 h/chi Pers		
0060.COMP	5	6:07	02:22:29.6	+57:09:13	300	90	3.0	#83 h/chi Pers		
0061.022230p565743	420	6:08	02:22:30.2	+56:57:43	300	90	3.0	#83 h/chi Pers		
0062.COMP	5	6:15	02:22:30.2	+56:57:43	300	90	3.0	#83 h/chi Pers		
0063.022234p571601	360	6:17	02:22:34.9	+57:16:01	300	90	3.0	#83 h/chi Pers		
0064.COMP	5	6:24	02:22:34.9	+57:16:01	300	90	3.0	#83 h/chi Pers		
0065.022236p570446	360	6:24	02:22:36.1	+57:04:46	300	90	3.0	#83 h/chi Pers		
0066.COMP	5	6:31	02:22:36.1	+57:04:46	300	90	3.0	#83 h/chi Pers		
0067.022238p571256	480	6:32	02:22:38.5	+57:12:56	300	90	3.0	#83 h/chi Pers		binby2; we want the brighter star at row 88; not the fainter star at row81

UT Date 11/06/00 Observers P. BerlindColl. Focus 965 Filter none

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0068.COMP	10	6:40	02:22:38.5	+57:12:56	300	90	3.0	#83 h/chi Pers		
0069.022239p571640	180	6:41	02:22:39.6	+57:16:40	300	90	3.0	#83 h/chi Pers		
0070.022241p571700	30	6:44	02:22:41.6	+57:17:00	300	90	3.0	#83 h/chi Pers		
0071.022243p571712	240	6:45	02:22:43.3	+57:17:12	300	90	3.0	#83 h/chi Pers		more clouds moving in
0072.COMP	5	6:50	02:22:43.3	+57:17:12	300	90	3.0	#83 h/chi Pers		
0073.022246p570447	360	6:51	02:22:46.7	+57:04:47	300	90	3.0	#83 h/chi Pers		
0074.COMP	5	6:57	02:22:46.7	+57:04:47	300	90	3.0	#83 h/chi Pers		
0075.022247p565803	45	6:59	02:22:47.2	+56:58:03	300	90	3.0	#83 h/chi Pers		Be*
0076.022247p571204	45	7:00	02:22:47.9	+57:12:04	300	90	3.0	#83 h/chi Pers		
0077.COMP	5	7:01	02:22:46.7	+57:04:47	300	90	3.0	#83 h/chi Pers		
78.79.BGGem	210	7:02	6:03:31	27:41:50	300	90	3.0	#100 BGGem		rtsystem crash
0080.COMP	10	7:26	6:03:31	27:41:50	300	90	3.0	#100 BGGem		
0081.022248p570001	240	7:27	02:22:48.0	+57:00:01	300	90	3.0	#83 h/chi Pers		
0082.022248p570011	180	7:31	02:22:48.5	+57:00:11	300	90	3.0	#83 h/chi Pers		
0083.COMP	5	7:35	02:22:48.5	+57:00:11	300	90	3.0	#83 h/chi Pers		
0084.022249p570524	600	7:36	02:22:49.5	+57:05:24	300	90	3.0	#83 h/chi Pers		
0085.COMP	5	7:46	02:22:49.5	+57:05:24	300	90	3.0	#83 h/chi Pers		
0086.022249p570828	600	7:46	02:22:49.9	+57:08:28	300	90	3.0	#83 h/chi Pers		
0087.COMP	5	7:57	02:22:49.9	+57:08:28	300	90	3.0	#83 h/chi Pers		
0088.022250p570316	600	7:57	02:22:50.8	+57:03:16	300	90	3.0	#83 h/chi Pers		stopped by clouds

UT Date 11/06/00 Observers P. BerlindColl. Focus 965 Filter none

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0089.COMP	5	8:08	02:22:50.8	+57:03:16	300	90	3.0	#83 h/chi Pers		
0090.022250p571732	420	8:32	02:22:50.4	+57:17:32	300	90	3.0	#83 h/chi Pers		
0091.COMP	5	8:41	02:22:50.4	+57:17:32	300	90	3.0	#83 h/chi Pers		
0092.022253p571237	900	8:42	02:22:53.9	+57:12:37	300	90	3.0	#83 h/chi Pers		
0093.COMP	5	8:57	02:22:53.9	+57:12:37	300	90	3.0	#83 h/chi Pers		
0094.022255p565843	360	8:57	02:22:56.0	+56:58:43	300	90	3.0	#83 h/chi Pers		clouds...
0095.COMP	5	9:04	02:22:56.0	+56:58:43	300	90	3.0	#83 h/chi Pers		
0096.022256p570046	30	9:04	02:22:56.9	+57:00:46	300	90	3.0	#83 h/chi Pers		
0097.022257p570029	120	9:05	02:22:57.6	+57:00:29	300	90	3.0	#83 h/chi Pers		
0098.COMP	5	9:08	02:22:57.6	+57:00:29	300	90	3.0	#83 h/chi Pers		
0099.022257p570901	600	9:09	02:22:57.4	+57:09:01	300	90	3.0	#83 h/chi Pers		
0100.COMP	5	9:19	02:22:57.4	+57:09:01	300	90	3.0	#83 h/chi Pers		
0101.022257p571606	180	9:20	02:22:57.3	+57:16:07	300	90	3.0	#83 h/chi Pers		
0102.COMP	5	9:24	02:22:57.3	+57:16:07	300	90	3.0	#83 h/chi Pers		
103.104.BGGem	1200	10:09	6:03:31	27:41:50	300	90	3.0	#100 BGGem		
0105.COMP	10	10:34	6:03:31	27:41:50	300	90	3.0	#100 BGGem		fog! close
106.115.BIAS	0	10:52	5:23:35.4	1:35:41	300	90	3.0	#83 h/chi Pers		
116.125.FLAT	8	10:54	5:23:35.4	1:35:41	300	90	3.0	#83 h/chi Pers		
126.135.BIAS	0	10:58	5:23:35.4	1:35:41	300	90	3.0	#83 h/chi Pers		end of FAST run
136.145.FLAT	16	11:00	5:23:35.4	1:35:41	300	90	3.0	#83 h/chi Pers		

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001.DARK	900	23:49	20:37:13.0	31:30:12	300	90	3.0	#83 h/chi Pers	4	
0002-0003.DARK	900	0:19	21:07:31.0	31:30:11	300	90	3.0	#83 h/chi Pers	4	
0004-0005.DARK	900	0:49	21:37:53.0	31:30:10	300	90	3.0	#83 h/chi Pers	4	
0006-0015.BIAS	0	1:07	21:41:17.0	31:30:10	300	90	3.0	#83 h/chi Pers	4	
0016-0025.FLAT	6	1:11	21:44:38.0	31:30:10	300	90	3.0	#83 h/chi Pers	4	
0026-0035.BIAS	0	1:13	21:47:14.0	31:30:10	300	90	3.0	#83 h/chi Pers	2	
0036-0045.FLAT	12	1:19	21:52:34.0	31:30:09	300	90	3.0	#83 h/chi Pers	2	
0046.BDp284211	30	1:47	21:51:11.0	+28:51:50	300	90	3.0	#56 Photometri	4	
0047.BDp284211	30	1:47	21:51:11.0	+28:51:50	300	90	3.0	#56 Photometri	4	
0048.COMP	5	1:48	21:51:11.0	+28:51:50	300	90	3.0	#56 Photometri	4	
0049.BDp284211	30	1:50	21:51:11.0	+28:51:50	300	90	3.0	#56 Photometri	2	
0050.BDp284211	30	1:50	21:51:11.0	+28:51:50	300	90	3.0	#56 Photometri	2	
0051.COMP	12	1:51	21:51:11.0	+28:51:50	300	90	3.0	#56 Photometri	2	
0052.BDp284211	30	1:53	21:51:11.0	+28:51:50	300	67	3.0	#56 Photometri	2	
0053.BDp284211	30	1:54	21:51:11.0	+28:51:50	300	67	3.0	#56 Photometri	2	
0054.COMP	12	1:55	21:51:11.0	+28:51:50	300	67	3.0	#56 Photometri	2	
0055.M32	90	1:58	00:39:58	+40:35:30	300	90	3.0	#57 Velocity S	2	
0056.COMP	12	2:00	00:39:58	+40:35:30	300	90	3.0	#57 Velocity S	2	
0057.srgb037.040	1200	2:03	23:28:09.1	+03:41:07	300	90	3.0	#59 X-Ray Grou	2	row=78
0058.COMP	12	2:25	23:28:09.1	+03:41:07	300	90	3.0	#59 X-Ray Grou	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0059.000200p04550_a	900	2:30	00:04:30.7	05:12:02	300	-15	3.0	#113 Galaxy In	2	
0060.COMP	12	2:46	00:04:30.7	05:12:02	300	-15	3.0	#113 Galaxy In	2	
0061.000200p04550_b	1020	2:48	00:04:42.9	05:14:07	300	90	3.0	#113 Galaxy In	2	
0062.000200p04550_b	1020	3:05	00:04:42.9	05:14:07	300	90	3.0	#113 Galaxy In	2	
0063.COMP	12	3:23	00:04:42.9	05:14:07	300	90	3.0	#113 Galaxy In	2	
0064.000848p06060_a.b	900	3:24	00:11:22.2	06:23:22	300	83	3.0	#113 Galaxy In	2	A=row 53
0065.000848p06060_a.b	900	3:40	00:11:22.2	06:23:22	300	83	3.0	#113 Galaxy In	2	B=row 109
0066.COMP	12	3:55	00:11:22.2	06:23:22	300	90	3.0	#113 Galaxy In	2	
0067.SN2000cx	1200	4:04	01:24:46.1	+09:30:30	300	-25	3.0	#2 SN Observat	2	
0068.COMP	12	4:25	01:24:46.1	+09:30:30	300	-25	3.0	#2 SN Observat	2	
0069.srgb090.046	360	4:30	01:06:56.6	+31:58:54	300	90	3.0	#59 X-Ray Grou	2	
0070.COMP	12	4:37	01:06:56.6	+31:58:54	300	90	3.0	#59 X-Ray Grou	2	
0071.srgb090.047	360	4:42	01:06:57.2	+32:37:17	300	90	3.0	#59 X-Ray Grou	2	
0072.COMP	12	4:49	01:06:57.2	+32:37:17	300	90	3.0	#59 X-Ray Grou	2	
0073.srgb090.048	240	4:50	01:06:58.5	+32:18:27	300	90	3.0	#59 X-Ray Grou	2	
0074.COMP	12	4:54	01:06:58.5	+32:18:27	300	90	3.0	#59 X-Ray Grou	2	
0075.srgb090.049	830	4:55	01:06:59.1	+32:09:26	300	90	3.0	#59 X-Ray Grou	2	row=75
0076.COMP	12	5:10	01:06:59.1	+32:09:26	300	90	3.0	#59 X-Ray Grou	2	
0077.srgb090.050	1200	5:11	01:07:02.7	+33:58:44	300	90	3.0	#59 X-Ray Grou	2	
0078.COMP	12	5:31	01:07:02.7	+33:58:44	300	90	3.0	#59 X-Ray Grou	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>
0079.srgb090.052	240	5:34	01:07:06.1	+32:20:49	300	90	3.0	#59 X-Ray Grou	2	
0080.COMP	12	5:38	01:07:06.1	+32:20:49	300	90	3.0	#59 X-Ray Grou	2	
0081.srgb090.056	300	5:39	01:07:15.8	+32:11:36	300	90	3.0	#59 X-Ray Grou	2	
0082.COMP	5	5:45	01:07:15.8	+32:11:36	300	90	3.0	#59 X-Ray Grou	2	
0083.srgb090.058	780	5:46	01:07:18.2	+32:25:25	300	90	3.0	#59 X-Ray Grou	2	
0084.COMP	12	6:00	01:07:18.2	+32:25:25	300	90	3.0	#59 X-Ray Grou	2	
0085.srgb090.059	180	6:01	01:07:22.6	+33:04:00	300	90	3.0	#59 X-Ray Grou	2	
0086.COMP	12	6:04	01:07:22.6	+33:04:00	300	90	3.0	#59 X-Ray Grou	2	
0087.srgb090.065	660	6:05	01:07:32.8	+32:05:31	300	90	3.0	#59 X-Ray Grou	2	
0088.COMP	12	6:17	01:07:32.8	+32:05:31	300	90	3.0	#59 X-Ray Grou	2	
0089.srgb090.066	300	6:18	01:07:33.3	+32:23:24	300	90	3.0	#59 X-Ray Grou	2	
0090.COMP	12	6:23	01:07:33.3	+32:23:24	300	90	3.0	#59 X-Ray Grou	2	
0091.srgb090.067	900	6:24	01:07:37.3	+32:56:17	300	90	3.0	#59 X-Ray Grou	2	
0092.COMP	12	6:40	01:07:37.3	+32:56:17	300	90	3.0	#59 X-Ray Grou	2	
0093.srgb090.068	360	6:41	01:07:46.3	+32:41:30	300	90	3.0	#59 X-Ray Grou	2	
0094.COMP	12	6:47	01:07:46.3	+32:41:30	300	90	3.0	#59 X-Ray Grou	2	
0095.srgb090.069	240	6:48	01:07:47.3	+32:18:33	300	90	3.0	#59 X-Ray Grou	2	
0096.COMP	12	6:53	01:07:47.3	+32:18:33	300	90	3.0	#59 X-Ray Grou	2	
0097.srgb090.070	1020	6:54	01:07:47.4	+33:48:40	300	90	3.0	#59 X-Ray Grou	2	
0098.COMP	12	7:12	01:07:47.4	+33:48:40	300	90	3.0	#59 X-Ray Grou	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0099.srgb090.071	900	7:13	01:07:52.0	+32:15:20	300	90	3.0	#59 X-Ray Grou	2	
0100.COMP	12	7:28	01:07:52.0	+32:15:20	300	90	3.0	#59 X-Ray Grou	2	
0101.srgb090.072	1200	7:29	01:07:57.6	+33:18:07	300	90	3.0	#59 X-Ray Grou	2	
0102.COMP	12	7:50	01:07:57.6	+33:18:07	300	90	3.0	#59 X-Ray Grou	2	
0103.vso65320	240	7:54	5:23:35.4	1:35:41	300	90	3.0	#112 Orion PMS	2	Row=74
0104.COMP	12	7:58	5:23:35.4	1:35:41	300	90	3.0	#112 Orion PMS	2	
0105.vso66018	480	8:00	5:24:01.5	1:37:04	300	90	3.0	#112 Orion PMS	2	
0106.COMP	12	8:08	5:24:01.5	1:37:04	300	90	3.0	#112 Orion PMS	2	
0107.vso66018	480	8:10	5:24:01.5	1:37:04	300	90	3.0	#112 Orion PMS	2	
0108.COMP	12	8:18	5:24:01.5	1:37:04	300	90	3.0	#112 Orion PMS	2	
0109.vso66104	1200	8:19	5:24:04.3	1:48:30	300	90	3.0	#112 Orion PMS	2	
0110.COMP	12	8:40	5:24:04.3	1:48:30	300	90	3.0	#112 Orion PMS	2	
0111.vso66285	900	8:41	5:24:10.3	1:44:07	300	90	3.0	#112 Orion PMS	2	
0112.COMP	12	8:58	5:24:10.3	1:44:07	300	90	3.0	#112 Orion PMS	2	
0113.vso67478	1020	8:59	5:24:47.7	1:36:28	300	90	3.0	#112 Orion PMS	2	
0114.COMP	12	9:16	5:24:47.7	1:36:28	300	90	3.0	#112 Orion PMS	2	
0115.vso67985	1020	9:17	5:25:02.0	1:37:21	300	90	3.0	#112 Orion PMS	2	
0116.COMP	12	9:35	5:25:02.0	1:37:21	300	90	3.0	#112 Orion PMS	2	
0117.vso68162	900	9:36	5:25:07.5	1:34:24	300	90	3.0	#112 Orion PMS	2	
0118.vso68162	900	9:51	5:25:07.5	1:34:24	300	90	3.0	#112 Orion PMS	2	

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<i>File</i>	<i>Exp Time</i>	<i>UT Start</i>	<i>RA</i>	<i>Dec</i>	<i>Gr.</i>	<i>P.A.</i>	<i>Slit</i>	<i>Program</i>	<i>Bin</i>	<i>Comments</i>
0119.COMP	12	10:07	5:25:07.5	1:34:24	300	90	3.0	#112 Orion PMS	2	
0120.vso69210	900	10:08	5:25:39.6	1:42:54	300	90	3.0	#112 Orion PMS	2	
0121.COMP	12	10:23	5:25:39.6	1:42:54	300	90	3.0	#112 Orion PMS	2	
0122.vso69389	480	10:24	5:25:45.8	1:45:50	300	90	3.0	#112 Orion PMS	2	
0123.COMP	12	10:33	5:25:45.8	1:45:50	300	90	3.0	#112 Orion PMS	2	
0124.vso69389	660	10:33	5:25:45.8	1:45:50	300	90	3.0	#112 Orion PMS	2	
0125.COMP	12	10:45	5:25:45.8	1:45:50	300	90	3.0	#112 Orion PMS	2	
0126.vso69520	1020	10:46	5:25:50.3	1:49:37	300	95	3.0	#112 Orion PMS	2	
0127.COMP	12	11:04	5:25:50.3	1:49:37	300	95	3.0	#112 Orion PMS	2	
0128.vso69980	1200	11:06	5:26:06.3	1:37:11	300	89	3.0	#112 Orion PMS	2	
0129.COMP	12	11:26	5:26:06.3	1:37:11	300	89	3.0	#112 Orion PMS	2	
0130.vso70430	900	11:27	5:26:22.3	1:38:59	300	89	3.0	#112 Orion PMS	2	
0131.COMP	12	11:43	5:26:22.3	1:38:59	300	89	3.0	#112 Orion PMS	2	
0132.cs3005	1200	11:48	8:37:21.3	29:35:42	300	89	3.0	#114 Galaxy LF	4	
0133.COMP	5	12:09	8:37:21.3	29:35:42	300	89	3.0	#114 Galaxy LF	4	
0134.cs3007	900	12:10	8:38:32.4	29:44:42	300	89	3.0	#114 Galaxy LF	4	
0135.COMP	5	12:25	8:38:32.4	29:44:42	300	89	3.0	#114 Galaxy LF	4	
0136.cs3015	1200	12:26	8:41:55.7	29:15:27	300	89	3.0	#114 Galaxy LF	2	
0137.COMP	12	12:46	8:41:55.7	29:15:27	300	89	3.0	#114 Galaxy LF	2	
0138.cs3022	840	12:48	8:44:35.1	29:17:14	300	89	3.0	#114 Galaxy LF	2	

UT Date 2000-11-20 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>
0139.COMP	12	13:02	8:44:35.1	29:17:14	300	89	3.0	#114 Galaxy LF	2	
0140.Feige34	90	13:03	10:39:36.7	+43:06:09	300	89	3.0	#56 Photometri	2	
0141.COMP	12	13:05	10:39:36.7	+43:06:09	300	89	3.0	#56 Photometri	2	
0142-0146.sky	2	13:40	10:39:36.7	+43:06:09	300	89	3.0	#57 Velocity S	4	
0147.COMP	5	13:41	10:39:36.7	+43:06:09	300	89	3.0	#57 Velocity S	4	
0148-0157.BIAS	0	13:44	10:39:36.7	+43:06:09	300	89	3.0	#57 Velocity S	4	
0158-0167.FLAT	6	13:47	10:39:36.7	+43:06:09	300	89	3.0	#57 Velocity S	4	
0168-0177.BIAS	0	13:49	10:39:36.7	+43:06:09	300	89	3.0	#57 Velocity S	2	
0178-0187.FLAT	12	13:54	10:39:36.7	+43:06:09	300	89	3.0	#57 Velocity S	2	
0188-0197.DARK	900	16:12	10:39:36.7	+43:06:09	300	89	3.0	#57 Velocity S	2	

UT Date 2000-11-21 Observers M CalkinsColl. Focus 1000 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001-0007.FLAT	900	0:37	10:39:36.7	+43:06:09	300	89	3.0	#57 Velocity S	4	
0008-0017.BIAS	0	0:55	10:39:36.7	+43:06:09	300	89	3.0	#57 Velocity S	4	
0018-0027.FLAT	6	0:58	10:39:36.7	+43:06:09	300	89	3.0	#57 Velocity S	4	
0028-0037.BIAS	0	1:02	10:39:36.7	+43:06:09	300	89	3.0	#57 Velocity S	2	
0038-0047.FLAT	12	1:07	10:39:36.7	+43:06:09	300	89	3.0	#57 Velocity S	2	
0048.BDp284211	30	1:18	21:51:11.0	+28:51:50	300	89	3.0	#56 Photometri	4	
0049.BDp284211	30	1:18	21:51:11.0	+28:51:50	300	89	3.0	#56 Photometri	4	
0050.COMP	5	1:19	21:51:11.0	+28:51:50	300	89	3.0	#56 Photometri	4	
0051.BDp284211	30	1:31	21:51:11.0	+28:51:50	300	89	3.0	#56 Photometri	2	
0052.BDp284211	30	1:32	21:51:11.0	+28:51:50	300	89	3.0	#56 Photometri	2	
0053.COMP	12	1:33	21:51:11.0	+28:51:50	300	89	3.0	#56 Photometri	2	
0054.BDp284211	30	1:35	21:51:11.0	+28:51:50	300	56	3.0	#56 Photometri	2	
0055.BDp284211	30	1:36	21:51:11.0	+28:51:50	300	56	3.0	#56 Photometri	2	
0056.COMP	12	1:37	21:51:11.0	+28:51:50	300	56	3.0	#56 Photometri	2	
0057.N7331	180	1:40	22:34:46.9	+34:09:43	300	90	3.0	#57 Velocity S	2	
0058.COMP	12	1:44	22:34:46.9	+34:09:43	300	90	3.0	#57 Velocity S	2	
0059.N7331	180	1:45	22:34:46.9	+34:09:43	300	90	3.0	#57 Velocity S	4	
0060.COMP	5	1:48	22:34:46.9	+34:09:43	300	90	3.0	#57 Velocity S	4	
0061.001518p00030_a_b	1200	2:15	00:17:55.3	00:20:06	300	38	3.0	#113 Galaxy In	2	A=row 91
0062.001518p00030_a_b	1200	2:35	00:17:55.3	00:20:06	300	38	3.0	#113 Galaxy In	2	

UT Date 2000-11-21 Observers M CalkinsColl. Focus 1000 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0063.COMP	12	2:55	00:17:55.3	00:20:06	300	38	3.0	#113 Galaxy In	2	wait out clouds
0064.022258p570447	240	3:57	02:22:58.5	+57:04:47	300	90	3.0	#83 h/chi Pers	2	
0065.COMP	12	4:01	02:22:58.5	+57:04:47	300	90	3.0	#83 h/chi Pers	2	wait clouds again
0066.022259p571440	480	7:39	02:22:59.7	+57:14:40	300	90	3.0	#83 h/chi Pers	2	
0067.COMP	12	7:47	02:22:59.7	+57:14:40	300	90	3.0	#83 h/chi Pers	2	row=75
0068.022301p571315	240	7:49	02:23:01.6	+57:13:15	300	90	3.0	#83 h/chi Pers	2	
0069.COMP	12	7:53	02:23:01.6	+57:13:15	300	90	3.0	#83 h/chi Pers	2	
0070.022301p571600	240	7:54	02:23:01.0	+57:16:00	300	90	3.0	#83 h/chi Pers	2	
0071.COMP	12	7:59	02:23:01.0	+57:16:00	300	90	3.0	#83 h/chi Pers	2	
0072.022301p571744	120	8:00	02:23:01.1	+57:17:44	300	90	3.0	#83 h/chi Pers	2	
0073.COMP	12	8:02	02:23:01.1	+57:17:44	300	90	3.0	#83 h/chi Pers	2	
0074.022302p571543	720	8:03	02:23:02.7	+57:15:43	300	90	3.0	#83 h/chi Pers	2	
0075.COMP	12	8:16	02:23:02.7	+57:15:43	300	90	3.0	#83 h/chi Pers	2	
0076.022303p570121	720	8:17	02:23:03.8	+57:01:21	300	90	3.0	#83 h/chi Pers	2	
0077.COMP	12	8:29	02:23:03.8	+57:01:21	300	90	3.0	#83 h/chi Pers	2	
0078.022304p570737	120	8:30	02:23:04.2	+57:07:37	300	90	3.0	#83 h/chi Pers	2	
0079.COMP	12	8:33	02:23:04.2	+57:07:37	300	90	3.0	#83 h/chi Pers	2	
0080.022306p570113	900	8:34	02:23:06.3	+57:01:13	300	90	3.0	#83 h/chi Pers	2	
0081.COMP	12	8:49	02:23:06.3	+57:01:13	300	90	3.0	#83 h/chi Pers	2	more waiting
0082-0091.BIAS	0	12:22	02:23:06.4	+57:16:20	300	90	3.0	#83 h/chi Pers	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>
0092-0101.FLAT	6	12:27	02:23:06.4	+57:16:20	300	90	3.0	#83 h/chi Pers	4	
0102-0111.BIAS	0	12:30	02:23:06.4	+57:16:20	300	90	3.0	#83 h/chi Pers	2	
0112-0121.FLAT	12	12:36	02:23:06.4	+57:16:20	300	90	3.0	#83 h/chi Pers	2	
0122-0131.DARK	900	14:55	02:23:06.4	+57:16:20	300	90	3.0	#83 h/chi Pers	2	

UT Date 2000-11-22 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>
0001-0010.DARK	900	3:18	02:23:06.4	+57:16:20	300	90	3.0	#83 h/chi Pers	4	
0011-0020.BIAS	0	4:45	02:23:06.4	+57:16:20	300	90	3.0	#83 h/chi Pers	4	
0021-0030.FLAT	6	4:49	02:23:06.4	+57:16:20	300	90	3.0	#83 h/chi Pers	4	
0031-0040.BIAS	0	6:23	02:23:06.4	+57:16:20	300	90	3.0	#83 h/chi Pers	2	
0041-0050.FLAT	12	6:29	02:23:06.4	+57:16:20	300	90	3.0	#83 h/chi Pers	2	
0051.Hiltner600	45	9:46	06:45:12.0	+02:06:00	300	90	3.0	#56 Photometri	4	thru clouds
0052.COMP	5	9:47	06:45:12.0	+02:06:00	300	90	3.0	#56 Photometri	4	
0053.Hiltner600	90	9:47	06:45:12.0	+02:06:00	300	90	3.0	#56 Photometri	2	
0054.COMP	12	9:49	06:45:12.0	+02:06:00	300	90	3.0	#56 Photometri	2	
0055.HD52971	3	9:51	06:57:51	+27:13:42	300	90	3.0	#57 Velocity S	2	
0056.COMP	12	9:52	06:57:51	+27:13:42	300	90	3.0	#57 Velocity S	2	
0057.HD52971	3	9:53	06:57:51	+27:13:42	300	90	3.0	#57 Velocity S	4	
0058.COMP	5	9:53	06:57:51	+27:13:42	300	90	3.0	#57 Velocity S	4	
0059.BGGem	240	9:56	6:03:31	27:41:50	300	90	3.0	#100 BGGem	2	
0060.COMP	12	10:01	6:03:31	27:41:50	300	90	3.0	#100 BGGem	2	
0061.BGGem	1200	10:02	6:03:31	27:41:50	300	90	3.0	#100 BGGem	2	
0062.COMP	12	10:22	6:03:31	27:41:50	300	90	3.0	#100 BGGem	2	
0063.vso71201	1020	10:24	5:26:50.4	1:55:03	300	90	3.0	#112 Orion PMS	2	
0064.COMP	12	10:42	5:26:50.4	1:55:03	300	90	3.0	#112 Orion PMS	2	
0065.vso71662	900	10:43	5:27:06.4	1:37:24	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
0066.COMP	12	10:59	5:27:06.4	1:37:24	300	90	3.0	#112 Orion PMS	2	
0067.vso72325	900	11:02	5:27:29.3	1:42:51	300	90	3.0	#112 Orion PMS	2	clouds clearing
0068.COMP	12	11:17	5:27:29.3	1:42:51	300	90	3.0	#112 Orion PMS	2	
0069.vso75287	900	11:22	5:29:07.4	1:50:31	300	90	3.0	#112 Orion PMS	2	
0070.COMP	12	11:37	5:29:07.4	1:50:31	300	90	3.0	#112 Orion PMS	2	
0071.vso77760	900	11:39	5:30:27.5	1:43:41	300	90	3.0	#112 Orion PMS	2	row=78
0072.COMP	12	11:54	5:30:27.5	1:43:41	300	90	3.0	#112 Orion PMS	2	
0073.vso84239	1020	11:55	5:34:05.4	2:02:49	300	90	3.0	#112 Orion PMS	2	
0074.COMP	12	12:13	5:34:05.4	2:02:49	300	90	3.0	#112 Orion PMS	2	
0075.vso90184	720	12:14	5:37:21.4	2:01:40	300	90	3.0	#112 Orion PMS	2	
0076.COMP	12	12:26	5:37:21.4	2:01:40	300	90	3.0	#112 Orion PMS	2	
0077.cs3031	1200	12:30	8:48:00.6	29:29:35	300	90	3.0	#114 Galaxy LF	2	
0078.COMP	12	12:51	8:48:00.6	29:29:35	300	90	3.0	#114 Galaxy LF	2	
0079.cs3047	720	12:52	8:53:12.0	29:14:53	300	59	3.0	#114 Galaxy LF	2	rotate to isolate
0080.COMP	12	13:04	8:53:12.0	29:14:53	300	59	3.0	#114 Galaxy LF	2	
0081.Feige34	90	13:07	10:39:36.7	+43:06:09	300	90	3.0	#56 Photometri	2	
0082.COMP	12	13:09	10:39:36.7	+43:06:09	300	90	3.0	#56 Photometri	2	
0083-0087.sky	2	13:47	10:39:36.7	+43:06:09	300	90	3.0	#57 Velocity S	2	
0088.COMP	12	13:48	10:39:36.7	+43:06:09	300	90	3.0	#57 Velocity S	2	
0089-0098.BIAS	0	13:50	10:39:36.7	+43:06:09	300	90	3.0	#57 Velocity S	4	

UT Date 2000-11-22 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>
0099-0108.FLAT	6	13:54	10:39:36.7	+43:06:09	300	90	3.0	#57 Velocity S	4	
0109-0118.BIAS	0	13:56	10:39:36.7	+43:06:09	300	90	3.0	#57 Velocity S	2	
0119-0128.FLAT	12	14:01	10:39:36.7	+43:06:09	300	90	3.0	#57 Velocity S	2	
0129-0131.DARK	900	14:54	11:52:54.0	31:30:52	300	90	3.0	#57 Velocity S	2	
0132.DARK	900	15:09	12:08:14.0	31:30:51	300	90	3.0	#57 Velocity S	2	
0133-0134.DARK	900	15:40	12:38:45.0	31:30:50	300	90	3.0	#57 Velocity S	2	
0135.DARK	900	15:55	12:54:01.0	31:30:49	300	90	3.0	#57 Velocity S	2	
0136.DARK	900	16:10	13:09:17.0	31:30:48	300	90	3.0	#57 Velocity S	2	
0137.DARK	900	16:25	13:24:33.0	31:30:47	300	90	3.0	#57 Velocity S	2	
0138.DARK	900	16:41	13:39:52.0	31:30:46	300	90	3.0	#57 Velocity S	2	

UT Date 11/23/00 Observers P. BerlindColl. Focus 985 Filter none

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
01.10.BIAS	0	0:29	21:13:00	32:00:00	300	90	3.0	#57 Velocity S		
11.20.FLAT	8	0:30	21:13:00	32:00:00	300	90	3.0	#57 Velocity S		a few thin clouds; clearing
21.30.BIAS	0	0:33	21:13:00	32:00:00	300	90	3.0	#57 Velocity S		
31.40.FLAT	16	0:36	21:13:00	32:00:00	300	90	3.0	#57 Velocity S		Hi Susan!
41.45.sky	4	0:41	21:13:00	32:00:00	300	90	3.0	#57 Velocity S		
0046.COMP	5	0:43	21:13:00	32:00:00	300	90	3.0	#57 Velocity S		
47.49.HD192281	5	1:14	20:12:33.1	+40:16:05	300	90	3.0	#56 Photometri		
0050.COMP	5	1:15	20:12:33.1	+40:16:05	300	90	3.0	#56 Photometri		
51.52.BDp284211	45	1:17	21:51:11.0	+28:51:50	300	90	3.0	#56 Photometri		
0053.COMP	10	1:19	21:51:11.0	+28:51:50	300	90	3.0	#56 Photometri		
0054.N7331	180	1:21	22:34:46.9	+34:09:43	300	90	3.0	#57 Velocity S		
0055.COMP	5	1:24	22:34:46.9	+34:09:43	300	90	3.0	#57 Velocity S		
0056.22171p2908	1200	1:28	22:19:30	+29:23:16	300	59	3.0	#120 X-Ray IRA		pleae use a wide extract aperture
0057.COMP	10	1:49	22:19:30	+29:23:16	300	90	3.0	#120 X-Ray IRA		
0058.23161p1248sw	1200	1:51	23:18:43	+13:04:53	300	90	3.0	#120 X-Ray IRA		
0059.COMP	10	2:11	23:18:43	+13:04:53	300	90	3.0	#120 X-Ray IRA		
0060.23161p1248ne	1200	2:12	23:18:43	+13:04:53	300	90	3.0	#120 X-Ray IRA		
0061.COMP	10	2:32	23:18:43	+13:04:53	300	90	3.0	#120 X-Ray IRA		
0062.SN2000dn	420	2:36	23:05:05.8	-03:12:01	300	12	3.0	#2 SN Observat		
0063.SN2000dn	1200	2:44	23:05:05.8	-03:12:01	300	12	3.0	#2 SN Observat		

UT Date 11/23/00 Observers P. BerlindColl. Focus 985 Filter none

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0064.COMP	10	3:05	23:05:05.8	-03:12:01	300	12	3.0	#2 SN Observat		
0065.SN2000dn	1200	3:05	23:05:05.8	-03:12:01	300	12	3.0	#2 SN Observat		
0066.COMP	10	3:26	23:05:05.8	-03:12:01	300	12	3.0	#2 SN Observat		
0067.srgb037.050	900	3:28	23:29:30.3	+02:02:29	300	90	3.0	#59 X-Ray Grou		
0068.COMP	5	3:44	23:29:30.3	+02:02:29	300	90	3.0	#59 X-Ray Grou		
0069.srgb090.081	480	3:48	01:08:26.3	+32:25:48	300	90	3.0	#59 X-Ray Grou		
0070.COMP	5	3:56	01:08:26.3	+32:25:48	300	90	3.0	#59 X-Ray Grou		
0071.srgb090.073	360	3:57	01:08:03.2	+31:40:27	300	90	3.0	#59 X-Ray Grou		
0072.COMP	5	4:03	01:08:03.2	+31:40:27	300	90	3.0	#59 X-Ray Grou		
0073.srgb090.074	360	4:04	01:08:04.5	+33:36:16	300	90	3.0	#59 X-Ray Grou		
0074.COMP	5	4:10	01:08:04.5	+33:36:16	300	90	3.0	#59 X-Ray Grou		
0075.srgb090.075	360	4:11	01:08:04.9	+33:27:07	300	90	3.0	#59 X-Ray Grou		
0076.COMP	5	4:18	01:08:04.9	+33:27:07	300	90	3.0	#59 X-Ray Grou		
0077.srgb090.076	240	4:18	01:08:13.1	+32:27:10	300	90	3.0	#59 X-Ray Grou		
0078.COMP	5	4:23	01:08:13.1	+32:27:10	300	90	3.0	#59 X-Ray Grou		
0079.srgb090.077	600	4:23	01:08:16.1	+32:29:54	300	90	3.0	#59 X-Ray Grou		
0080.COMP	5	4:34	01:08:16.1	+32:29:54	300	90	3.0	#59 X-Ray Grou		
0081.srgb090.078	300	4:34	01:08:17.5	+32:05:21	300	90	3.0	#59 X-Ray Grou		
0082.COMP	5	4:40	01:08:17.5	+32:05:21	300	90	3.0	#59 X-Ray Grou		
0083.srgb090.079	480	4:41	01:08:22.9	+32:32:56	300	90	3.0	#59 X-Ray Grou		

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0084.COMP	5	4:49	01:08:22.9	+32:32:56	300	90	3.0	#59 X-Ray Grou		
0085.srgb090.080	90	4:49	01:08:23.5	+33:07:58	300	90	3.0	#59 X-Ray Grou		
0086.COMP	5	4:51	01:08:23.5	+33:07:58	300	90	3.0	#59 X-Ray Grou		
0087.srgb090.082	100	4:52	01:08:26.3	+33:08:49	300	90	3.0	#59 X-Ray Grou		
0088.COMP	5	4:54	01:08:26.3	+33:08:49	300	90	3.0	#59 X-Ray Grou		
0089.srgb090.083	480	4:55	01:08:30.4	+33:22:54	300	90	3.0	#59 X-Ray Grou		
0090.COMP	5	5:03	01:08:30.4	+33:22:54	300	90	3.0	#59 X-Ray Grou		
0091.srgb090.084	240	5:04	01:08:31.3	+33:06:29	300	90	3.0	#59 X-Ray Grou		
0092.COMP	5	5:08	01:08:31.3	+33:06:29	300	90	3.0	#59 X-Ray Grou		
0093.012136p09040_a	900	5:11	01:24:17.7	09:19:51	300	90	3.0	#113 Galaxy In		
0094.COMP	10	5:26	01:24:17.7	09:19:51	300	90	3.0	#113 Galaxy In		
0095.012136p09040_b	1200	5:27	01:24:16.2	09:21:16	300	90	3.0	#113 Galaxy In		
0096.COMP	10	5:47	01:24:16.2	09:21:16	300	90	3.0	#113 Galaxy In		
0097.015124m01000_a	1200	5:49	01:53:59.3	-00:45:01	300	90	3.0	#113 Galaxy In		
0098.COMP	10	6:09	01:53:59.3	-00:45:01	300	90	3.0	#113 Galaxy In		
0099.015124m01000_b	1200	6:14	01:54:07.9	-00:44:31	300	0	3.0	#113 Galaxy In	v.	LSB
0100.COMP	10	6:35	01:54:07.9	-00:44:31	300	0	3.0	#113 Galaxy In		
0101.020130p02330_ab	600	6:36	02:04:04.9	02:47:13	300	-1	3.0	#113 Galaxy In		
0102.020130p02330_ab	1200	6:47	02:04:04.9	02:47:13	300	-1	3.0	#113 Galaxy In		a @ row 82; b @ row 111
0103.COMP	10	7:07	02:04:04.9	02:47:13	300	-1	3.0	#113 Galaxy In		

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0104.vso49119	420	7:10	5:13:59.9	1:03:59	300	0	3.0	#112 Orion PMS		
0105.COMP	5	7:18	5:13:59.9	1:03:59	300	0	3.0	#112 Orion PMS		
0106.vso52897	600	7:18	5:16:30.8	0:56:12	300	0	3.0	#112 Orion PMS		
0107.COMP	5	7:29	5:16:30.8	0:56:12	300	0	3.0	#112 Orion PMS		
0108.vso56011	720	7:29	5:18:38.1	1:16:24	300	0	3.0	#112 Orion PMS		
0109.COMP	5	7:42	5:18:38.1	1:16:24	300	0	3.0	#112 Orion PMS		
0110.vso57233	900	7:42	5:19:28.4	1:16:21	300	0	3.0	#112 Orion PMS		
0111.COMP	5	7:58	5:19:28.4	1:16:21	300	0	3.0	#112 Orion PMS		
0112.vso58281	720	7:58	5:20:07.2	1:03:25	300	0	3.0	#112 Orion PMS		
0113.COMP	5	8:11	5:20:07.2	1:03:25	300	0	3.0	#112 Orion PMS		
0114.vso61223	900	8:12	5:21:58.3	1:12:14	300	0	3.0	#112 Orion PMS		
0115.COMP	5	8:27	5:21:58.3	1:12:14	300	0	3.0	#112 Orion PMS		
0116.vso62999	900	8:28	5:22:58.4	0:58:05	300	0	3.0	#112 Orion PMS		mmt in fog
0117.COMP	5	8:43	5:22:58.4	0:58:05	300	0	3.0	#112 Orion PMS		
0118.vso63047	900	8:44	5:22:59.6	1:20:09	300	0	3.0	#112 Orion PMS		
0119.COMP	5	8:59	5:22:59.6	1:20:09	300	0	3.0	#112 Orion PMS		
0120.vso64921	1200	9:00	5:24:02.2	0:56:59	300	0	3.0	#112 Orion PMS		close - fog
0121.COMP	5	9:20	5:24:02.2	0:56:59	300	0	3.0	#112 Orion PMS		
0122.07336p3521	1200	9:47	07:36:56	+35:14:32	300	0	3.0	#120 X-Ray IRA		open again
0123.COMP	10	10:07	07:36:56	+35:14:32	300	0	3.0	#120 X-Ray IRA		

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0124.cs3053	1200	10:10	8:54:24.7	29:03:35	300	0	3.0	#114 Galaxy LF		
0125.COMP	5	10:30	8:54:24.7	29:03:35	300	0	3.0	#114 Galaxy LF		
0126.cs3048	1200	10:36	8:53:27.9	29:04:56	300	0	3.0	#114 Galaxy LF		
0127.COMP	5	10:56	8:53:27.9	29:04:56	300	0	3.0	#114 Galaxy LF		
0128.cs3055	1200	10:57	8:56:16.8	29:00:10	300	0	3.0	#114 Galaxy LF		
0129.COMP	5	11:17	8:56:16.8	29:00:10	300	0	3.0	#114 Galaxy LF		
0130.cs3057	1200	11:18	9:01:24.1	29:03:35	300	0	3.0	#114 Galaxy LF		
0131.COMP	5	11:38	9:01:24.1	29:03:35	300	0	3.0	#114 Galaxy LF		
0132.cs3069	1200	11:39	9:14:08.4	29:44:32	300	0	3.0	#114 Galaxy LF		ugh! more fog. close
0133.COMP	5	11:59	9:14:08.4	29:44:32	300	0	3.0	#114 Galaxy LF		
134.135.Feige34	120	12:01	10:39:36.7	+43:06:09	300	90	3.0	#56 Photometri		
0136.COMP	10	12:07	10:39:36.7	+43:06:09	300	90	3.0	#56 Photometri		
137.146.BIAS	0	12:08	10:39:36.7	+43:06:09	300	90	3.0	#56 Photometri		
147.156.FLAT	8	12:10	10:39:36.7	+43:06:09	300	90	3.0	#56 Photometri		
157.166.BIAS	0	12:13	10:39:36.7	+43:06:09	300	90	3.0	#56 Photometri		
167.176.FLAT	16	12:17	10:39:36.7	+43:06:09	300	90	3.0	#56 Photometri		
0177.DARK	1200	12:25	10:39:36.7	+43:06:09	300	90	3.0	#56 Photometri		
0178.DARK	1200	12:45	10:39:36.7	+43:06:09	300	90	3.0	#56 Photometri		
0179.DARK	1200	13:05	10:39:36.7	+43:06:09	300	90	3.0	#56 Photometri		
0180.DARK	1200	13:26	10:39:36.7	+43:06:09	300	90	3.0	#56 Photometri		

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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>
0181.DARK	1200	13:46	10:39:36.7	+43:06:09	300	90	3.0	#56 Photometri		
0182.DARK	1200	14:06	10:39:36.7	+43:06:09	300	90	3.0	#56 Photometri		
0183.DARK	1200	14:26	10:39:36.7	+43:06:09	300	90	3.0	#56 Photometri		
0184.DARK	1200	14:47	10:39:36.7	+43:06:09	300	90	3.0	#56 Photometri		
0185.DARK	1200	15:07	10:39:36.7	+43:06:09	300	90	3.0	#56 Photometri		
0186.DARK	1200	15:27	10:39:36.7	+43:06:09	300	90	3.0	#56 Photometri		

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001-0010.DARK	900	23:15	10:39:36.7	+43:06:09	300	90	3.0	#56 Photometri	4	
0011.BIAS	0	0:19	10:39:36.7	+43:06:09	300	90	3.0	#56 Photometri	4	Happy Thanksgiving!
0012-0020.BIAS	0	0:20	10:39:36.7	+43:06:09	300	90	3.0	#56 Photometri	4	
0021-0030.FLAT	8	0:24	10:39:36.7	+43:06:09	300	90	3.0	#56 Photometri	4	
0031.BIAS	0	0:25	10:39:36.7	+43:06:09	300	90	3.0	#56 Photometri	2	clear and cold, a bit hazy
0032-0040.BIAS	0	0:27	10:39:36.7	+43:06:09	300	90	3.0	#56 Photometri	2	
0041-0050.FLAT	16	0:32	10:39:36.7	+43:06:09	300	90	3.0	#56 Photometri	2	
0051.sky	2	0:37	21:27:00	32:00:00	300	90	3.0	#57 Velocity S	4	
0052-0055.sky	4	0:39	21:27:00	32:00:00	300	90	3.0	#57 Velocity S	4	
0056.COMP	5	0:39	21:27:00	32:00:00	300	90	3.0	#57 Velocity S	4	
0057.FLAT	15	0:50	21:40:00	32:00:00	300	90	2.0	#57 Velocity S	4	2-sec slit
0058-0066.FLAT	15	0:54	21:40:00	32:00:00	300	90	2.0	#57 Velocity S	4	
0067.SA_114m616	4	1:05	22:39:45.7	+01:02:19	300	90	2.0	#87 IRAC Stars	4	
0068.SA_114m616	6	1:06	22:39:45.7	+01:02:19	300	90	2.0	#87 IRAC Stars	4	
0069.SA_114m616	6	1:07	22:39:45.7	+01:02:19	300	90	2.0	#87 IRAC Stars	4	
0070.COMP	5	1:07	22:39:45.7	+01:02:19	300	90	2.0	#87 IRAC Stars	4	
0071.SA112m1370	8	1:09	20:43:32.6	+00:28:9	300	90	2.0	#87 IRAC Stars	4	
0072.SA112m1370	8	1:09	20:43:32.6	+00:28:9	300	90	2.0	#87 IRAC Stars	4	
0073.SA112m1370	8	1:10	20:43:32.6	+00:28:9	300	90	2.0	#87 IRAC Stars	4	
0074.COMP	5	1:10	20:43:32.6	+00:28:9	300	90	2.0	#87 IRAC Stars	4	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0075.Bm14_5997	4	1:12	21:19:48.6	-14:01:03	300	90	2.0	#87 IRAC Stars	4	
0076.Bm14_5997	4	1:12	21:19:48.6	-14:01:03	300	90	2.0	#87 IRAC Stars	4	
0077.Bm14_5997	4	1:12	21:19:48.6	-14:01:03	300	90	2.0	#87 IRAC Stars	4	
0078.COMP	5	1:13	21:19:48.6	-14:01:03	300	90	2.0	#87 IRAC Stars	4	
0079.Bm15_5931	8	1:13	21:15:23.5	-14:43:14	300	90	2.0	#87 IRAC Stars	4	
0080.Bm15_5931	10	1:14	21:15:23.5	-14:43:14	300	90	2.0	#87 IRAC Stars	4	
0081.Bm15_5931	10	1:14	21:15:23.5	-14:43:14	300	90	2.0	#87 IRAC Stars	4	
0082.COMP	5	1:14	21:15:23.5	-14:43:14	300	90	2.0	#87 IRAC Stars	4	
0083.BuscSept2	30	1:15	21:19:09.5	-09:01:26	300	90	2.0	#87 IRAC Stars	4	
0084.BuscSept2	30	1:16	21:19:09.5	-09:01:26	300	90	2.0	#87 IRAC Stars	4	
0085.COMP	5	1:17	21:19:09.5	-09:01:26	300	90	2.0	#87 IRAC Stars	4	
0086.BuscSept3	45	1:17	21:20:23.1	-08:57:03	300	90	2.0	#87 IRAC Stars	4	
0087.BuscSept3	45	1:18	21:20:23.1	-08:57:03	300	90	2.0	#87 IRAC Stars	4	
0088.COMP	5	1:19	21:20:23.1	-08:57:03	300	90	2.0	#87 IRAC Stars	4	
0089.BSD_675	45	1:21	22:40:25.4	+00:58:56	300	90	2.0	#87 IRAC Stars	4	
0090.BSD_675	45	1:22	22:40:25.4	+00:58:56	300	90	2.0	#87 IRAC Stars	4	
0091.COMP	5	1:23	22:40:25.4	+00:58:56	300	90	2.0	#87 IRAC Stars	4	
0092.110m471	6	1:25	18:41:28	00:33:55	300	90	2.0	#87 IRAC Stars	4	
0093.110m471	6	1:25	18:41:28	00:33:55	300	90	2.0	#87 IRAC Stars	4	
0094.110m471	4	1:25	18:41:28	00:33:55	300	90	2.0	#87 IRAC Stars	4	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0095.110m471	10	1:26	18:41:28	00:33:55	300	90	2.0	#87 IRAC Stars	4	
0096.COMP	5	1:26	18:41:28	00:33:55	300	90	2.0	#87 IRAC Stars	4	
0097.SA_110m248	45	1:28	18:42:0.5	+00:03:18	300	90	2.0	#87 IRAC Stars	4	
0098.SA_110m248	45	1:29	18:42:0.5	+00:03:18	300	90	2.0	#87 IRAC Stars	4	
0099.COMP	5	1:30	18:42:0.5	+00:03:18	300	90	2.0	#87 IRAC Stars	4	
0100.SA_111m733	10	1:32	19:37:0.7	+00:08:16	300	90	2.0	#87 IRAC Stars	4	
0101.SA_111m733	10	1:32	19:37:0.7	+00:08:16	300	90	2.0	#87 IRAC Stars	4	
0102.COMP	5	1:33	19:37:0.7	+00:08:16	300	90	2.0	#87 IRAC Stars	4	
0103.SA111m1925	360	1:34	19:37:29.0	+00:25:0	300	90	2.0	#87 IRAC Stars	4	
0104.COMP	5	1:40	19:37:29.0	+00:25:0	300	90	2.0	#87 IRAC Stars	4	
0105.SA_112m805	90	1:42	20:42:47	00:17:00	300	90	2.0	#87 IRAC Stars	4	
0106.SA_112m805	90	1:44	20:42:47	00:17:00	300	90	2.0	#87 IRAC Stars	4	
0107.COMP	5	1:46	20:42:47	00:17:00	300	90	2.0	#87 IRAC Stars	4	
0108.BDp284211	120	1:47	21:51:11.0	+28:51:50	300	90	2.0	#87 IRAC std	4	
0109.COMP	5	1:50	21:51:11.0	+28:51:50	300	90	2.0	#87 IRAC std	4	
0110.HD217086	4	1:51	22:56:47.1	+62:43:37	300	90	2.0	#56 Photometri	4	
0111.HD217086	4	1:51	22:56:47.1	+62:43:37	300	90	2.0	#56 Photometri	4	
0112.HD217086	4	1:51	22:56:47.1	+62:43:37	300	90	2.0	#56 Photometri	4	
0113.COMP	5	1:51	22:56:47.1	+62:43:37	300	90	2.0	#56 Photometri	4	
0114.FLAT	8	1:53	23:00:00	32:00:00	300	90	3.0	#56 Photometri	4	3-sec slit back in

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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>
0115-0118.FLAT	8	1:55	23:00:00	32:00:00	300	90	3.0	#56 Photometri	4	
0119.N7331	180	2:04	22:34:46.9	+34:09:43	300	90	3.0	#57 Velocity S	4	
0120.COMP	5	2:08	22:34:46.9	+34:09:43	300	90	3.0	#57 Velocity S	4	
0121.srgb037.062	1200	2:10	23:31:09.0	+02:59:52	300	90	3.0	#59 X-Ray Grou	4	
0122.COMP	5	2:30	23:31:09.0	+02:59:52	300	90	3.0	#59 X-Ray Grou	4	
0123.a119c_564	1200	2:31	01:10:17.8	-1:47:26	300	90	3.0	#64 Cluster In	4	
0124.COMP	5	2:52	01:10:17.8	-1:47:26	300	90	3.0	#64 Cluster In	4	
0125.a119c_566	720	2:52	00:56:38.8	-2:48:41	300	90	3.0	#64 Cluster In	4	
0126.COMP	5	3:05	00:56:38.8	-2:48:41	300	90	3.0	#64 Cluster In	4	
0127.a119c_569	900	3:06	00:58:31.8	-1:34:09	300	90	3.0	#64 Cluster In	4	
0128.COMP	5	3:21	00:58:31.8	-1:34:09	300	90	3.0	#64 Cluster In	4	
0129.a119c_571	600	3:22	01:03:44.9	-1:10:36	300	90	3.0	#64 Cluster In	4	
0130.COMP	5	3:32	01:03:44.9	-1:10:36	300	90	3.0	#64 Cluster In	4	
0131.a119c_570	660	3:33	01:00:06.4	00:06:49	300	90	3.0	#64 Cluster In	4	
0132.COMP	5	3:44	01:00:06.4	00:06:49	300	90	3.0	#64 Cluster In	4	
0133.a119c_574	540	3:45	00:55:51.4	00:47:08	300	90	3.0	#64 Cluster In	4	
0134.COMP	5	3:54	00:55:51.4	00:47:08	300	90	3.0	#64 Cluster In	4	
0135.a119c_575	540	3:54	00:53:29.4	-0:40:38	300	90	3.0	#64 Cluster In	4	
0136.COMP	5	4:04	00:53:29.4	-0:40:38	300	90	3.0	#64 Cluster In	4	
0137.a119c_576	600	4:04	00:54:26.1	-0:55:41	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.COMP	5	4:15	00:54:26.1	-0:55:41	300	90	3.0	#64 Cluster In	4	
0139.a119c_577	600	4:15	00:54:23.7	00:56:34	300	90	3.0	#64 Cluster In	4	
0140.COMP	5	4:25	00:54:23.7	00:56:34	300	90	3.0	#64 Cluster In	4	
0141.SN2000dk	1200	4:29	01:07:23.5	+32:24:23	300	90	3.0	#2 SN Observat	2	
0142.COMP	10	4:49	01:07:23.5	+32:24:23	300	90	3.0	#2 SN Observat	2	
0143.SN2000cx	1200	4:52	01:24:46.1	+09:30:30	300	15	3.0	#2 SN Observat	2	
0144.COMP	10	5:12	01:24:46.1	+09:30:30	300	15	3.0	#2 SN Observat	2	
0145.a119c_579	600	5:14	01:10:13.8	-1:58:38	300	90	3.0	#64 Cluster In	4	
0146.COMP	5	5:24	01:10:13.8	-1:58:38	300	90	3.0	#64 Cluster In	4	wind really pickin gup
0147.021936p11490_b	1200	5:25	02:22:16.5	12:02:30	300	90	3.0	#113 Galaxy In	2	
0148.COMP	10	5:46	02:22:16.5	12:02:30	300	90	3.0	#113 Galaxy In	2	
0149.023106p34160_a	720	5:48	02:34:06.2	34:28:49	300	90	3.0	#113 Galaxy In	2	
0150.COMP	10	6:00	02:34:06.2	34:28:49	300	90	3.0	#113 Galaxy In	2	
0151.023106p34160_b	1200	6:03	02:34:06.2	34:28:49	300	0	3.0	#113 Galaxy In	2	PA=0 to avoid sup *
0152.COMP	10	6:24	02:34:06.2	34:28:49	300	0	3.0	#113 Galaxy In	2	
0153.023648p00530_a	900	6:25	02:39:23.6	01:05:38	300	0	3.0	#113 Galaxy In	2	big dust lane
0154.COMP	10	6:41	02:39:23.6	01:05:38	300	0	3.0	#113 Galaxy In	2	
0155.023648p00530_b	1200	6:43	02:39:10.6	01:08:33	300	90	3.0	#113 Galaxy In	2	
0156.COMP	10	7:03	02:39:10.6	01:08:33	300	90	3.0	#113 Galaxy In	2	
0157.vso64921	900	7:06	5:24:02.2	0:56:59	300	0	3.0	#112 Orion PMS	4	

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0158.COMP	5	7:21	5:24:02.2	0:56:59	300	0	3.0	#112 Orion PMS	4	
0159.vso65350	720	7:22	5:24:18.9	1:01:51	300	0	3.0	#112 Orion PMS	4	
0160.COMP	5	7:34	5:24:18.9	1:01:51	300	0	3.0	#112 Orion PMS	4	
0161.vso65389	900	7:35	5:24:20.8	1:24:05	300	0	3.0	#112 Orion PMS	4	
0162.COMP	5	7:50	5:24:20.8	1:24:05	300	0	3.0	#112 Orion PMS	4	
0163.vso66355	900	7:51	5:24:58.7	1:04:01	300	0	3.0	#112 Orion PMS	4	
0164.COMP	5	8:06	5:24:58.7	1:04:01	300	0	3.0	#112 Orion PMS	4	
0165.vso67044	1200	8:08	5:25:16.7	1:16:15	300	0	3.0	#112 Orion PMS	4	
0166.COMP	5	8:28	5:25:16.7	1:16:15	300	0	3.0	#112 Orion PMS	4	
0167.vso67574	900	8:29	5:25:36.4	1:21:24	300	0	3.0	#112 Orion PMS	4	
0168.COMP	5	8:44	5:25:36.4	1:21:24	300	0	3.0	#112 Orion PMS	4	
0169.vso68085	1200	8:47	5:25:54.8	1:00:01	300	0	3.0	#112 Orion PMS	4	
0170.COMP	5	9:07	5:25:54.8	1:00:01	300	0	3.0	#112 Orion PMS	4	
0171.vso129642w	900	9:08	5:59:22.3	1:56:56	300	0	3.0	#112 Orion PMS	4	
0172.COMP	5	9:23	5:59:22.3	1:56:56	300	0	3.0	#112 Orion PMS	4	
0173.vso129941	720	9:24	5:59:31.5	1:52:18	300	0	3.0	#112 Orion PMS	4	
0174.COMP	5	9:37	5:59:31.5	1:52:18	300	0	3.0	#112 Orion PMS	4	
0175.vso129968	900	9:38	5:59:32.8	1:53:50	300	0	3.0	#112 Orion PMS	4	
0176.COMP	5	9:53	5:59:32.8	1:53:50	300	0	3.0	#112 Orion PMS	4	
0177.vso130223	1200	9:54	5:59:40.6	1:54:47	300	0	3.0	#112 Orion PMS	4	

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0178.COMP	5	10:14	5:59:40.6	1:54:47	300	0	3.0	#112 Orion PMS	4	
0179.BGGem	180	10:18	6:03:31	27:41:50	300	90	3.0	#100 BGGem	2	
0180.BGGem	900	10:21	6:03:31	27:41:50	300	90	3.0	#100 BGGem	2	
0181.COMP	10	10:37	6:03:31	27:41:50	300	90	3.0	#100 BGGem	2	
0182.Hiltner600	60	10:41	06:45:12.0	+02:06:00	300	20	3.0	#56 Photometri	2	
0183.Hiltner600	60	10:42	06:45:12.0	+02:06:00	300	20	3.0	#56 Photometri	2	
0184.COMP	10	10:43	06:45:12.0	+02:06:00	300	20	3.0	#56 Photometri	2	
0185.cs3071	1200	10:45	9:15:59.2	29:09:06	300	90	3.0	#114 Galaxy LF	4	good em
0186.COMP	5	11:06	9:15:59.2	29:09:06	300	90	3.0	#114 Galaxy LF	4	
0187.cs3076	1200	11:07	9:27:01.7	29:12:37	300	90	3.0	#114 Galaxy LF	4	
0188.COMP	5	11:27	9:27:01.7	29:12:37	300	90	3.0	#114 Galaxy LF	4	
0189.cs3086	900	11:29	9:44:00.3	28:52:26	300	90	3.0	#114 Galaxy LF	4	pec Sy
0190.COMP	5	11:44	9:44:00.3	28:52:26	300	90	3.0	#114 Galaxy LF	4	
0191.cs3090	900	11:45	9:46:42.2	29:20:13	300	90	3.0	#114 Galaxy LF	4	
0192.COMP	5	12:01	9:46:42.2	29:20:13	300	90	3.0	#114 Galaxy LF	4	
0193.cs3096	900	12:01	9:49:15.1	28:55:43	300	90	3.0	#114 Galaxy LF	4	
0194.COMP	5	12:17	9:49:15.1	28:55:43	300	90	3.0	#114 Galaxy LF	4	
0195.cs607	900	12:18	11:05:53.8	28:51:26	300	90	3.0	#114 Galaxy LF	4	
0196.COMP	5	12:33	11:05:53.8	28:51:26	300	90	3.0	#114 Galaxy LF	4	
0197.cs3239	900	12:34	12:13:48.2	29:36:19	300	90	3.0	#114 Galaxy LF	4	

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0198.COMP	5	12:49	12:13:48.2	29:36:19	300	90	3.0	#114 Galaxy LF	4	
0199.Feige34	90	12:50	10:39:36.7	+43:06:09	300	90	3.0	#56 Photometri	2	
0200.Feige34	90	12:52	10:39:36.7	+43:06:09	300	90	3.0	#56 Photometri	2	
0201.COMP	10	12:54	10:39:36.7	+43:06:09	300	90	3.0	#56 Photometri	2	clear @ dawn
0202-0211.BIAS	0	12:58	10:39:36.7	+43:06:09	300	90	3.0	#114 Galaxy LF	4	
0212-0221.FLAT	8	13:01	10:39:36.7	+43:06:09	300	90	3.0	#114 Galaxy LF	4	
0222-0231.BIAS	0	13:03	10:39:36.7	+43:06:09	300	90	3.0	#114 Galaxy LF	2	
0232-0241.FLAT	16	13:08	10:39:36.7	+43:06:09	300	90	3.0	#114 Galaxy LF	2	

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0001-0010.DARK	1200	23:52	10:39:36.7	+43:06:09	300	90	3.0	#114 Galaxy LF	2	
0011.BIAS	0	0:27	10:39:36.7	+43:06:09	300	90	3.0	#114 Galaxy LF	4	big cloud over the mountain
0012-0020.BIAS	0	0:28	10:39:36.7	+43:06:09	300	90	3.0	#114 Galaxy LF	4	
0021-0030.FLAT	8	0:31	10:39:36.7	+43:06:09	300	90	3.0	#114 Galaxy LF	4	
0031-0040.BIAS	0	0:33	10:39:36.7	+43:06:09	300	90	3.0	#114 Galaxy LF	2	
0041-0050.FLAT	16	0:38	10:39:36.7	+43:06:09	300	90	3.0	#114 Galaxy LF	2	
0051.BDp284211	45	1:31	21:51:11.0	+28:51:50	300	90	3.0	#56 Photometri	2	starting to clear early
0052.BDp284211	45	1:32	21:51:11.0	+28:51:50	300	90	3.0	#56 Photometri	2	
0053.COMP	10	1:34	21:51:11.0	+28:51:50	300	90	3.0	#56 Photometri	2	
0054.BFCyg	1	1:35	19:23:53	29:40:27	300	90	3.0	#12 Symbiotic	4	
0055.BFCyg	60	1:35	19:23:53	29:40:27	300	90	3.0	#12 Symbiotic	4	
0056.BFCyg	3	1:36	19:23:53	29:40:27	300	90	3.0	#12 Symbiotic	4	
0057.COMP	5	1:37	19:23:53	29:40:27	300	90	3.0	#12 Symbiotic	4	
0058.CHCyg	1	1:38	19:24:33	50:14:30	300	90	3.0	#12 Symbiotic	4	
0059.CHCyg	5	1:38	19:24:33	50:14:30	300	90	3.0	#12 Symbiotic	4	
0060.CHCyg	30	1:38	19:24:33	50:14:30	300	90	3.0	#12 Symbiotic	4	
0061.COMP	5	1:39	19:24:33	50:14:30	300	90	3.0	#12 Symbiotic	4	
0062.HMSge	1	1:40	19:41:57	16:44:41	300	90	3.0	#12 Symbiotic	4	
0063.HMSge	2	1:40	19:41:57	16:44:41	300	90	3.0	#12 Symbiotic	4	
0064.HMSge	60	1:41	19:41:57	16:44:41	300	90	3.0	#12 Symbiotic	4	

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<i>File</i>	<i>Exp Time</i>	<i>UT Start</i>	<i>RA</i>	<i>Dec</i>	<i>Gr.</i>	<i>P.A.</i>	<i>Slit</i>	<i>Program</i>	<i>Bin</i>	<i>Comments</i>
0065.COMP	5	1:42	19:41:57	16:44:41	300	90	3.0	#12 Symbiotic	4	
0066.AS360	3	1:42	19:45:49	18:36:49	300	90	3.0	#12 Symbiotic	4	
0067.AS360	300	1:43	19:45:49	18:36:49	300	90	3.0	#12 Symbiotic	4	
0068.AS360	15	1:48	19:45:49	18:36:49	300	90	3.0	#12 Symbiotic	4	
0069.COMP	5	1:48	19:45:49	18:36:49	300	90	3.0	#12 Symbiotic	4	
0070.S169	120	1:50	19:49:57	46:15:20	300	90	3.0	#12 Symbiotic	2	
0071.S169	480	1:52	19:49:57	46:15:20	300	90	3.0	#12 Symbiotic	2	
0072.COMP	10	2:00	19:49:57	46:15:20	300	90	3.0	#12 Symbiotic	2	
0073.HD217086	4	2:02	22:56:47.1	+62:43:37	300	90	3.0	#56 Photometri	4	
0074.HD217086	4	2:02	22:56:47.1	+62:43:37	300	90	3.0	#56 Photometri	4	
0075.HD217086	4	2:02	22:56:47.1	+62:43:37	300	90	3.0	#56 Photometri	4	
0076.COMP	5	2:03	22:56:47.1	+62:43:37	300	90	3.0	#56 Photometri	4	
0077.CICyg	2	2:04	19:50:12	35:41:02	300	90	3.0	#12 Symbiotic	4	
0078.CICyg	20	2:04	19:50:12	35:41:02	300	90	3.0	#12 Symbiotic	4	
0079.CICyg	4	2:05	19:50:12	35:41:02	300	90	3.0	#12 Symbiotic	4	
0080.CICyg	60	2:05	19:50:12	35:41:02	300	90	3.0	#12 Symbiotic	4	
0081.COMP	5	2:06	19:50:12	35:41:02	300	90	3.0	#12 Symbiotic	4	
0082.V1016Cyg	0	2:07	19:57:05	39:49:37	300	90	3.0	#12 Symbiotic	4	
0083.V1016Cyg	3	2:07	19:57:05	39:49:37	300	90	3.0	#12 Symbiotic	4	
0084.V1016Cyg	60	2:08	19:57:05	39:49:37	300	90	3.0	#12 Symbiotic	4	

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0085.COMP	5	2:09	19:57:05	39:49:37	300	90	3.0	#12 Symbiotic	4	
0086.PUVu1	1	2:10	20:21:13	21:34:21	300	90	3.0	#12 Symbiotic	4	
0087.PUVu1	3	2:10	20:21:13	21:34:21	300	90	3.0	#12 Symbiotic	4	
0088.PUVu1	180	2:11	20:21:13	21:34:21	300	90	3.0	#12 Symbiotic	4	
0089.COMP	5	2:14	20:21:13	21:34:21	300	90	3.0	#12 Symbiotic	4	
0090.He2m467	30	2:16	20:35:57	20:11:27	300	90	3.0	#12 Symbiotic	4	
0091.He2m467	360	2:17	20:35:57	20:11:27	300	90	3.0	#12 Symbiotic	4	
0092.COMP	5	2:23	20:35:57	20:11:27	300	90	3.0	#12 Symbiotic	4	
0093.He2m468	60	2:24	20:41:19	34:44:53	300	90	3.0	#12 Symbiotic	2	
0094.He2m468	600	2:25	20:41:19	34:44:53	300	90	3.0	#12 Symbiotic	2	
0095.COMP	10	2:36	20:41:19	34:44:53	300	90	3.0	#12 Symbiotic	2	
0096.V1329Cyg	10	2:37	20:51:01	35:34:55	300	90	3.0	#12 Symbiotic	4	
0097.V1329Cyg	360	2:37	20:51:01	35:34:55	300	90	3.0	#12 Symbiotic	4	
0098.COMP	5	2:43	20:51:01	35:34:55	300	90	3.0	#12 Symbiotic	4	
0099.V1057Cyg	120	2:44	20:58:54	44:15:30	300	90	3.0	#12 Symbiotic	4	
0100.COMP	5	2:46	20:58:54	44:15:30	300	90	3.0	#12 Symbiotic	4	
0101.V1057Cyg	90	2:47	20:58:54	44:15:30	300	90	3.0	#12 Symbiotic	4	
0102.COMP	5	2:49	20:58:54	44:15:30	300	90	3.0	#12 Symbiotic	4	
0103.V407Cyg	60	2:50	21:02:09	45:46:33	300	90	3.0	#12 Symbiotic	4	
0104.V407Cyg	360	2:51	21:02:09	45:46:33	300	90	3.0	#12 Symbiotic	4	

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0105.V407Cyg	15	2:57	21:02:09	45:46:33	300	90	3.0	#12 Symbiotic	4	
0106.COMP	5	2:58	21:02:09	45:46:33	300	90	3.0	#12 Symbiotic	4	
0107.ZAnd	1	2:59	23:33:40	48:49:06	300	90	3.0	#12 Symbiotic	4	
0108.ZAnd	2	2:59	23:33:40	48:49:06	300	90	3.0	#12 Symbiotic	4	
0109.ZAnd	10	2:59	23:33:40	48:49:06	300	90	3.0	#12 Symbiotic	4	
0110.ZAnd	10	3:00	23:33:40	48:49:06	300	90	3.0	#12 Symbiotic	4	
0111.COMP	5	3:00	23:33:40	48:49:06	300	90	3.0	#12 Symbiotic	4	
0112.RAqr	1	3:02	23:43:49	-15:17:05	300	90	3.0	#12 Symbiotic	4	
0113.RAqr	2	3:03	23:43:49	-15:17:05	300	90	3.0	#12 Symbiotic	4	
0114.RAqr	30	3:03	23:43:49	-15:17:05	300	90	3.0	#12 Symbiotic	4	
0115.COMP	5	3:04	23:43:49	-15:17:05	300	90	3.0	#12 Symbiotic	4	
0116.AGPeg	2	3:05	21:51:02	12:37:33	300	90	3.0	#12 Symbiotic	4	
0117.AGPeg	1	3:06	21:51:02	12:37:33	300	90	3.0	#12 Symbiotic	4	
0118.AGPeg	20	3:06	21:51:02	12:37:33	300	90	3.0	#12 Symbiotic	4	
0119.COMP	5	3:07	21:51:02	12:37:33	300	90	3.0	#12 Symbiotic	4	
0120.SN2000e1	900	3:12	22:28:26.6	17:08:50	300	22	3.0	#2 SN Observat	2	type II past max; 1.5-sec east of nucleus
0121.COMP	10	3:28	22:28:26.6	17:08:50	300	22	3.0	#2 SN Observat	2	
0122.003806m00350_b	1200	3:30	00:40:35.0	-00:17:37	300	90	3.0	#113 Galaxy In	2	PDF (pretty darn faint)
0123.COMP	10	3:51	00:40:35.0	-00:17:37	300	90	3.0	#113 Galaxy In	2	
0124.005206p05300_a	600	3:52	00:54:41.8	05:46:25	300	90	3.0	#113 Galaxy In	2	

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0125.COMP	10	4:02	00:54:41.8	05:46:25	300	90	3.0	#113 Galaxy In	2	
0126.005206p05300_bc	1200	4:04	00:54:39.8	05:49:41	300	65	3.0	#113 Galaxy In	2	b @ row 84; c @ row 90
0127.COMP	10	4:25	00:54:39.8	05:49:41	300	65	3.0	#113 Galaxy In	2	
0128.a119c_423	900	4:28	00:55:42.2	00:41:39	300	22	3.0	#64 Cluster In	4	
0129.COMP	5	4:44	00:55:42.2	00:41:39	300	22	3.0	#64 Cluster In	4	
0130.a119c_424ew	720	4:45	00:59:31.0	-0:26:12	300	90	3.0	#64 Cluster In	2	close E-W pair; W gal is main target
0131.COMP	10	4:58	00:59:31.0	-0:26:12	300	90	3.0	#64 Cluster In	2	W @ row 84; E @ row 90
0132.a119c_422	900	4:59	01:09:44.1	-3:17:31	300	90	3.0	#64 Cluster In	2	
0133.COMP	10	5:14	01:09:44.1	-3:17:31	300	90	3.0	#64 Cluster In	2	
0134.a119c_457	900	5:15	01:02:58.0	01:07:19	300	90	3.0	#64 Cluster In	4	
0135.COMP	5	5:30	01:02:58.0	01:07:19	300	90	3.0	#64 Cluster In	4	
0136.a119c_477	900	5:31	01:12:07.7	-1:00:02	300	90	3.0	#64 Cluster In	4	wind pickup up; seeing worse
0137.COMP	5	5:46	01:12:07.7	-1:00:02	300	90	3.0	#64 Cluster In	4	
0138.a119c_500	900	5:48	00:48:56.5	-1:18:30	300	90	3.0	#64 Cluster In	4	
0139.COMP	5	6:03	00:48:56.5	-1:18:30	300	90	3.0	#64 Cluster In	4	
0140.a119c_534	900	6:04	01:08:47.3	00:11:55	300	90	3.0	#64 Cluster In	4	
0141.COMP	5	6:19	01:08:47.3	00:11:55	300	90	3.0	#64 Cluster In	4	
0142.a119c_535	900	6:20	01:02:43.0	01:08:11	300	90	3.0	#64 Cluster In	4	
0143.COMP	5	6:35	01:02:43.0	01:08:11	300	90	3.0	#64 Cluster In	4	
0144.a119c_547	900	6:36	01:05:26.5	00:33:11	300	90	3.0	#64 Cluster In	4	

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0145.COMP	5	6:51	01:05:26.5	00:33:11	300	90	3.0	#64 Cluster In	4	
0146.a119c_549	720	6:52	01:00:51.0	-0:43:00	300	90	3.0	#64 Cluster In	4	
0147.COMP	5	7:04	01:00:51.0	-0:43:00	300	90	3.0	#64 Cluster In	4	
0148.EGAnd	1	7:07	0:44:37	40:40:47	300	90	3.0	#12 Symbiotic	4	
0149.EGAnd	2	7:07	0:44:37	40:40:47	300	90	3.0	#12 Symbiotic	4	
0150.EGAnd	10	7:07	0:44:37	40:40:47	300	90	3.0	#12 Symbiotic	4	
0151.COMP	5	7:08	0:44:37	40:40:47	300	90	3.0	#12 Symbiotic	4	
0152.AXPer	4	7:09	1:36:23	54:15:03	300	90	3.0	#12 Symbiotic	4	
0153.AXPer	30	7:09	1:36:23	54:15:03	300	90	3.0	#12 Symbiotic	4	
0154.AXPer	90	7:10	1:36:23	54:15:03	300	90	3.0	#12 Symbiotic	4	
0155.COMP	5	7:12	1:36:23	54:15:03	300	90	3.0	#12 Symbiotic	4	
0156.V741Per	20	7:13	1:58:50	52:53:47	300	90	3.0	#12 Symbiotic	4	
0157.V741Per	120	7:14	1:58:50	52:53:47	300	90	3.0	#12 Symbiotic	4	
0158.V741Per	20	7:16	1:58:50	52:53:47	300	90	3.0	#12 Symbiotic	4	
0159.V741Per	360	7:17	1:58:50	52:53:47	300	90	3.0	#12 Symbiotic	4	
0160.COMP	5	7:23	1:58:50	52:53:47	300	90	3.0	#12 Symbiotic	4	
0161.2M043702.9p162421	300	7:24	04:37:02.8	+16:24:21	300	90	3.0	#68 2MASS Reds	4	wk em
0162.COMP	5	7:29	04:37:02.8	+16:24:21	300	90	3.0	#68 2MASS Reds	4	
0163.S32	10	7:31	4:37:45	-01:19:11	300	0	3.0	#12 Symbiotic	4	
0164.S32	120	7:32	4:37:45	-01:19:11	300	0	3.0	#12 Symbiotic	4	

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0165.S32	600	7:34	4:37:45	-01:19:11	300	0	3.0	#12 Symbiotic	4	
0166.COMP	5	7:45	4:37:45	-01:19:11	300	0	3.0	#12 Symbiotic	4	
0167.HZ14	360	7:46	04:41:01.0	+10:59:42	300	0	3.0	#56 Photometri	4	
0168.COMP	5	7:52	04:41:01.0	+10:59:42	300	0	3.0	#56 Photometri	4	
0169.vso68408	900	7:58	5:26:07.8	1:23:08	300	0	3.0	#112 Orion PMS	4	
0170.COMP	5	8:13	5:26:07.8	1:23:08	300	0	3.0	#112 Orion PMS	4	
0171.vso68190	900	8:14	5:25:59.0	1:23:35	300	0	3.0	#112 Orion PMS	4	
0172.COMP	5	8:29	5:25:59.0	1:23:35	300	0	3.0	#112 Orion PMS	4	
0173.vso69057	900	8:30	5:26:31.4	1:04:35	300	0	3.0	#112 Orion PMS	4	
0174.COMP	5	8:45	5:26:31.4	1:04:35	300	0	3.0	#112 Orion PMS	4	
0175.vso69229	900	8:46	5:26:38.0	1:21:45	300	0	3.0	#112 Orion PMS	4	
0176.COMP	5	9:01	5:26:38.0	1:21:45	300	0	3.0	#112 Orion PMS	4	
0177.vso69380	900	9:02	5:26:43.9	0:57:55	300	0	3.0	#112 Orion PMS	4	
0178.COMP	5	9:18	5:26:43.9	0:57:55	300	0	3.0	#112 Orion PMS	4	
0179.vso112389	900	9:18	5:51:19.7	1:17:09	300	0	3.0	#112 Orion PMS	4	
0180.COMP	5	9:34	5:51:19.7	1:17:09	300	0	3.0	#112 Orion PMS	4	
0181.Hiltner600	60	9:35	06:45:12.0	+02:06:00	300	0	3.0	#56 Photometri	2	
0182.COMP	10	9:37	06:45:12.0	+02:06:00	300	0	3.0	#56 Photometri	2	
0183.FLAT	7	9:38	06:45:12.0	+02:06:00	300	0	5.0	#56 Photometri	2	5-sec slit; photometric sky
0184-0192.FLAT	7	9:42	06:45:12.0	+02:06:00	300	0	5.0	#56 Photometri	2	

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0193.Hiltner600	60	9:42	06:45:12.0	+02:06:00	300	0	5.0	#56 Photometri	2	
0194.Hiltner600	60	9:44	06:45:12.0	+02:06:00	300	0	5.0	#56 Photometri	2	
0195.Hiltner600	60	9:45	06:45:12.0	+02:06:00	300	0	5.0	#56 Photometri	2	
0196.Hiltner600	60	9:46	06:45:12.0	+02:06:00	300	0	5.0	#56 Photometri	2	
0197.COMP	5	9:48	06:45:12.0	+02:06:00	300	0	5.0	#56 Photometri	2	
0198.BGGem	180	9:50	6:03:31	27:41:50	300	90	5.0	#100 BGGem	2	
0199.BGGem	180	9:54	6:03:31	27:41:50	300	90	5.0	#100 BGGem	2	
0200.COMP	5	9:57	6:03:31	27:41:50	300	90	5.0	#100 BGGem	2	
0201.BGGem	900	9:58	6:03:31	27:41:50	300	90	5.0	#100 BGGem	2	
0202.COMP	5	10:13	6:03:31	27:41:50	300	90	5.0	#100 BGGem	2	
0203.075930p09320_a	900	10:16	08:02:14.9	+09:23:41	300	90	3.0	#113 Galaxy In	2	3-sec slit back in
0204.COMP	10	10:31	08:02:14.9	+09:23:41	300	90	3.0	#113 Galaxy In	2	
0205.075930p09320_b	480	10:32	08:02:24.9	+09:24:51	300	90	3.0	#113 Galaxy In	2	
0206.COMP	10	10:40	08:02:24.9	+09:24:51	300	90	3.0	#113 Galaxy In	2	
0207.075930p09320_c	1200	10:41	08:02:11.0	+09:21:41	300	90	3.0	#113 Galaxy In	2	
0208.COMP	10	11:01	08:02:11.0	+09:21:41	300	90	3.0	#113 Galaxy In	2	
0209.080700p25030_c	1200	11:02	08:10:10.7	+24:52:32	300	90	3.0	#113 Galaxy In	2	
0210.COMP	10	11:23	08:10:10.7	+24:52:32	300	90	3.0	#113 Galaxy In	2	
0211.09251m0834EW	1200	11:25	09:27:39	-08:47:30	300	92	3.0	#120 X-Ray IRA	2	W @ row 83; E @ row 110
0212.COMP	10	11:46	09:27:39	-08:47:30	300	92	3.0	#120 X-Ray IRA	2	

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0213.cs3167	900	11:49	11:19:50.0	29:05:15	300	92	3.0	#114 Galaxy LF	4	
0214.COMP	5	12:04	11:19:50.0	29:05:15	300	92	3.0	#114 Galaxy LF	4	
0215.cs3189	900	12:05	11:45:01.1	29:39:02	300	92	3.0	#114 Galaxy LF	4	
0216.COMP	5	12:20	11:45:01.1	29:39:02	300	92	3.0	#114 Galaxy LF	4	
0217.cs3250	720	12:21	12:18:23.4	28:58:29	300	92	3.0	#114 Galaxy LF	4	
0218.COMP	5	12:33	12:18:23.4	28:58:29	300	92	3.0	#114 Galaxy LF	4	
0219.cs3256	900	12:34	12:20:54.8	29:25:19	300	92	3.0	#114 Galaxy LF	4	
0220.COMP	5	12:50	12:20:54.8	29:25:19	300	92	3.0	#114 Galaxy LF	4	
0221.2M071116.5p560815	180	12:51	07:11:16.4	+56:08:15	300	90	3.0	#68 2MASS Reds	4	
0222.COMP	5	12:55	07:11:16.4	+56:08:15	300	90	3.0	#68 2MASS Reds	4	
0223.2M072006.8p601532	300	12:55	07:20:06.7	+60:15:32	300	90	3.0	#68 2MASS Reds	4	
0224.COMP	5	13:01	07:20:06.7	+60:15:32	300	90	3.0	#68 2MASS Reds	4	
0225.2M074312.1p641554	150	13:01	07:43:12.0	+64:15:54	300	90	3.0	#68 2MASS Reds	4	
0226.COMP	5	13:04	07:43:12.0	+64:15:54	300	90	3.0	#68 2MASS Reds	4	
0227.HD52971	4	13:06	06:57:51	+27:13:42	300	90	3.0	#57 Velocity S	4	
0228.HD52971	4	13:07	06:57:51	+27:13:42	300	90	3.0	#57 Velocity S	4	
0229.HD52971	4	13:07	06:57:51	+27:13:42	300	90	3.0	#57 Velocity S	4	
0230.COMP	5	13:07	06:57:51	+27:13:42	300	90	3.0	#57 Velocity S	4	clear and windy @ dawn
0231-0240.BIAS	0	13:11	06:57:51	+27:13:42	300	90	3.0	#68 2MASS Reds	4	
0241-0250.FLAT	8	13:13	06:57:51	+27:13:42	300	90	3.0	#68 2MASS Reds	4	

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0251-0260.BIAS	0	13:16	06:57:51	+27:13:42	300	90	3.0	#68 2MASS Reds	2	
0261-0270.FLAT	16	13:21	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	900	22:36	19:48:17.0	31:30:08	300	90	3.0	#68 2MASS Reds	4	
0002.DARK	900	22:51	20:03:28.0	31:30:07	300	90	3.0	#68 2MASS Reds	4	
0003.DARK	900	23:06	20:18:39.0	31:30:06	300	90	3.0	#68 2MASS Reds	4	
0004.DARK	900	23:22	20:33:49.0	31:30:05	300	90	3.0	#68 2MASS Reds	4	
0005-0006.DARK	900	23:52	21:04:10.0	31:30:04	300	90	3.0	#68 2MASS Reds	4	
0007-0008.DARK	900	0:22	21:34:32.0	31:30:03	300	90	3.0	#68 2MASS Reds	4	
0009.BIAS	0	0:43	21:40:41.0	31:30:02	300	90	3.0	#68 2MASS Reds	4	light cirrus to W
0010-0018.BIAS	0	0:44	21:41:55.0	31:30:02	300	90	3.0	#68 2MASS Reds	4	
0019-0028.FLAT	6	0:47	21:44:33.0	31:30:02	300	90	3.0	#68 2MASS Reds	4	
0029.BIAS	0	0:47	21:44:55.0	31:30:02	300	90	3.0	#68 2MASS Reds	2	bin by 2
0030-0038.BIAS	0	0:50	21:47:01.0	31:30:02	300	90	3.0	#68 2MASS Reds	2	
0039-0048.FLAT	12	0:54	21:51:35.0	31:30:02	300	90	3.0	#68 2MASS Reds	2	
0049.COMP	5	1:14	22:11:28.0	31:30:02	300	90	3.0	#68 2MASS Reds	4	bin by 4
0050.N7331	180	1:26	22:34:46.9	+34:09:43	300	90	3.0	#57 Velocity S	4	rebooted guide PC
0051.COMP	5	1:29	22:34:46.9	+34:09:43	300	90	3.0	#57 Velocity S	4	
0052.a119c_581	720	1:32	00:56:22.6	-0:20:42	300	90	3.0	#64 Cluster In	4	
0053.COMP	5	1:44	00:56:22.6	-0:20:42	300	90	3.0	#64 Cluster In	4	
0054.a119c_580	900	1:46	00:48:23.7	-1:59:13	300	90	3.0	#64 Cluster In	4	em
0055.COMP	5	2:02	00:48:23.7	-1:59:13	300	90	3.0	#64 Cluster In	4	
0056.a119c_582	720	2:04	00:59:53.6	00:22:27	300	90	3.0	#64 Cluster In	4	

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0057.COMP	5	2:16	00:59:53.6	00:22:27	300	90	3.0	#64 Cluster In	4	
0058.a119c_585	720	2:17	00:52:13.9	-3:16:16	300	90	3.0	#64 Cluster In	4	
0059.COMP	5	2:30	00:52:13.9	-3:16:16	300	90	3.0	#64 Cluster In	4	
0060.a119c_587	900	2:31	01:05:43.5	-0:51:00	300	90	3.0	#64 Cluster In	4	
0061.COMP	5	2:47	01:05:43.5	-0:51:00	300	90	3.0	#64 Cluster In	4	
0062.a119c_586	900	2:48	01:09:10.6	-0:21:40	300	90	3.0	#64 Cluster In	4	obj to E
0063.COMP	5	3:03	01:09:10.6	-0:21:40	300	90	3.0	#64 Cluster In	4	
0064.a119c_588	720	3:05	01:08:17.1	-0:02:45	300	90	3.0	#64 Cluster In	4	star to E
0065.COMP	5	3:17	01:08:17.1	-0:02:45	300	90	3.0	#64 Cluster In	4	
0066.a119c_591	600	3:18	00:56:28.7	-3:38:16	300	90	3.0	#64 Cluster In	4	
0067.COMP	5	3:29	00:56:28.7	-3:38:16	300	90	3.0	#64 Cluster In	4	
0068.a119c_593	720	3:32	01:01:29.3	-1:53:33	300	90	3.0	#64 Cluster In	4	
0069.COMP	5	3:45	01:01:29.3	-1:53:33	300	90	3.0	#64 Cluster In	4	
0070.a119c_594	600	3:46	00:53:12.5	-0:48:00	300	90	3.0	#64 Cluster In	4	obj to E
0071.COMP	5	3:56	00:53:12.5	-0:48:00	300	90	3.0	#64 Cluster In	4	
0072.a119c_595	720	3:58	00:55:58.2	-0:07:55	300	90	3.0	#64 Cluster In	4	gal to W
0073.COMP	5	4:10	00:55:58.2	-0:07:55	300	90	3.0	#64 Cluster In	4	
0074.a119c_596	720	4:11	00:54:40.9	-1:34:28	300	90	3.0	#64 Cluster In	4	
0075.COMP	5	4:23	00:54:40.9	-1:34:28	300	90	3.0	#64 Cluster In	4	
0076.a119c_598	900	4:25	01:01:51.0	-3:17:18	300	90	3.0	#64 Cluster In	4	

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0077.COMP	5	4:40	01:01:51.0	-3:17:18	300	90	3.0	#64 Cluster In	4	
0078.a119c_604	720	4:41	00:53:07.9	-3:06:49	300	90	3.0	#64 Cluster In	4	
0079.COMP	5	4:54	00:53:07.9	-3:06:49	300	90	3.0	#64 Cluster In	4	
0080.a119c_607	600	4:54	01:01:19.7	-3:08:56	300	90	3.0	#64 Cluster In	4	
0081.COMP	5	5:05	01:01:19.7	-3:08:56	300	90	3.0	#64 Cluster In	4	
0082.a119c_608	480	5:06	00:52:02.7	-0:16:20	300	90	3.0	#64 Cluster In	4	
0083.COMP	5	5:15	00:52:02.7	-0:16:20	300	90	3.0	#64 Cluster In	4	
0084.a119c_609	600	5:16	00:50:59.3	-0:14:53	300	90	3.0	#64 Cluster In	4	
0085.COMP	5	5:26	00:50:59.3	-0:14:53	300	90	3.0	#64 Cluster In	4	
0086.a119c_612	600	5:28	01:01:30.4	-1:47:48	300	90	3.0	#64 Cluster In	4	
0087.COMP	5	5:38	01:01:30.4	-1:47:48	300	90	3.0	#64 Cluster In	4	
0088.a119c_615	900	5:39	01:07:21.2	-2:59:54	300	90	3.0	#64 Cluster In	4	
0089.COMP	5	5:55	01:07:21.2	-2:59:54	300	90	3.0	#64 Cluster In	4	
0090.a119c_616	900	5:56	00:56:01.8	-1:32:59	300	90	3.0	#64 Cluster In	4	
0091.COMP	5	6:11	00:56:01.8	-1:32:59	300	90	3.0	#64 Cluster In	4	
0092.a119c_617	900	6:12	01:08:02.2	-0:04:31	300	90	3.0	#64 Cluster In	4	em at pixel 2083?
0093.COMP	5	6:28	01:08:02.2	-0:04:31	300	90	3.0	#64 Cluster In	4	
0094.a119c_618	600	6:29	01:05:21.5	-0:50:17	300	90	3.0	#64 Cluster In	4	
0095.COMP	5	6:39	01:05:21.5	-0:50:17	300	90	3.0	#64 Cluster In	4	
0096.012042p07320_a	1200	6:42	01:23:19.0	07:47:42	300	90	3.0	#113 Galaxy In	4	

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0097.COMP	5	7:02	01:23:19.0	07:47:42	300	90	3.0	#113 Galaxy In	4	
0098.012042p07320_b	1200	7:04	01:23:39.1	07:47:36	300	90	3.0	#113 Galaxy In	4	
0099.COMP	5	7:24	01:23:39.1	07:47:36	300	90	3.0	#113 Galaxy In	4	
0100.a496_261	600	7:25	04:47:08.1	-13:05:53	300	90	3.0	#64 Cluster In	4	
0101.COMP	5	7:36	04:47:08.1	-13:05:53	300	90	3.0	#64 Cluster In	4	
0102.a496_262	600	7:37	04:41:28.3	-14:09:42	300	90	3.0	#64 Cluster In	4	
0103.COMP	5	7:47	04:41:28.3	-14:09:42	300	90	3.0	#64 Cluster In	4	
0104.a496_263	900	7:49	04:38:07.1	-10:26:52	300	90	3.0	#64 Cluster In	4	star to E
0105.COMP	5	8:04	04:38:07.1	-10:26:52	300	90	3.0	#64 Cluster In	4	
0106.a496_264	900	8:05	04:38:44.0	-12:09:36	300	90	3.0	#64 Cluster In	4	diffraction spike to E
0107.COMP	5	8:21	04:38:44.0	-12:09:36	300	90	3.0	#64 Cluster In	4	
0108.a496_265	600	8:22	04:45:49.5	-13:16:34	300	90	3.0	#64 Cluster In	4	
0109.COMP	5	8:32	04:45:49.5	-13:16:34	300	90	3.0	#64 Cluster In	4	
0110.a496_269	900	8:33	04:31:52.8	-10:26:14	300	90	3.0	#64 Cluster In	4	
0111.COMP	5	8:49	04:31:52.8	-10:26:14	300	90	3.0	#64 Cluster In	4	
0112.a496_270	480	8:50	04:39:36.0	-17:25:42	300	90	3.0	#64 Cluster In	4	
0113.COMP	5	8:58	04:39:36.0	-17:25:42	300	90	3.0	#64 Cluster In	4	
0114.a496_271	600	9:00	04:46:27.2	-16:52:16	300	90	3.0	#64 Cluster In	4	
0115.COMP	5	9:10	04:46:27.2	-16:52:16	300	90	3.0	#64 Cluster In	4	
0116.vso69871	900	9:29	5:27:02.0	1:03:39	300	90	3.0	#112 Orion PMS	4	4 runaways

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0117.COMP	5	9:45	5:27:02.0	1:03:39	300	90	3.0	#112 Orion PMS	4	
0118.vso73457	720	9:46	5:29:02.6	1:08:56	300	90	3.0	#112 Orion PMS	4	
0119.COMP	5	9:59	5:29:02.6	1:08:56	300	90	3.0	#112 Orion PMS	4	
0120.vso73547	720	10:00	5:29:05.8	1:28:41	300	90	3.0	#112 Orion PMS	4	star to E
0121.COMP	5	10:12	5:29:05.8	1:28:41	300	90	3.0	#112 Orion PMS	4	
0122.vso74071	600	10:13	5:29:25.8	1:05:47	300	90	3.0	#112 Orion PMS	4	
0123.COMP	5	10:23	5:29:25.8	1:05:47	300	90	3.0	#112 Orion PMS	4	
0124.vso79584	600	10:24	5:32:40.1	1:13:40	300	90	3.0	#112 Orion PMS	4	
0125.COMP	5	10:35	5:32:40.1	1:13:40	300	90	3.0	#112 Orion PMS	4	
0126.vso82245	600	10:35	5:34:08.4	1:05:07	300	90	3.0	#112 Orion PMS	4	
0127.COMP	5	10:46	5:34:08.4	1:05:07	300	90	3.0	#112 Orion PMS	4	
0128.vso82913	900	10:47	5:34:30.6	1:18:40	300	90	3.0	#112 Orion PMS	4	
0129.COMP	5	11:02	5:34:30.6	1:18:40	300	90	3.0	#112 Orion PMS	4	
0130.cs3190	900	11:05	11:46:17.9	28:53:58	300	90	3.0	#114 Galaxy LF	4	
0131.COMP	5	11:21	11:46:17.9	28:53:58	300	90	3.0	#114 Galaxy LF	4	
0132.cs3193	900	11:24	11:47:00.9	29:26:20	300	90	3.0	#114 Galaxy LF	4	em
0133.COMP	5	11:39	11:47:00.9	29:26:20	300	90	3.0	#114 Galaxy LF	4	
0134.cs3208	900	11:40	11:56:15.4	29:07:58	300	90	3.0	#114 Galaxy LF	4	
0135.COMP	5	11:55	11:56:15.4	29:07:58	300	90	3.0	#114 Galaxy LF	4	
0136.cs3221	1200	11:58	12:05:10.5	29:36:54	300	90	3.0	#114 Galaxy LF	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>
0137.COMP	5	12:18	12:05:10.5	29:36:54	300	90	3.0	#114 Galaxy LF	4	
0138.cs3233	1200	12:20	12:12:04.8	28:45:10	300	90	3.0	#114 Galaxy LF	4	
0139.COMP	5	12:40	12:12:04.8	28:45:10	300	90	3.0	#114 Galaxy LF	4	
0140.cs3259	900	12:41	12:22:23.5	29:26:37	300	90	3.0	#114 Galaxy LF	4	star to W
0141.COMP	5	12:56	12:22:23.5	29:26:37	300	90	3.0	#114 Galaxy LF	4	
0142.2M075341.2p525232	240	12:58	07:53:41.1	+52:52:32	300	90	3.0	#68 2MASS Reds	4	
0143.COMP	5	13:02	07:53:41.1	+52:52:32	300	90	3.0	#68 2MASS Reds	4	
0144.2M075810.1p605639	240	13:03	07:58:10.1	+60:56:39	300	90	3.0	#68 2MASS Reds	4	
0145.COMP	5	13:08	07:58:10.1	+60:56:39	300	90	3.0	#68 2MASS Reds	4	
0146.Feige34	90	13:09	10:39:36.7	+43:06:09	300	90	3.0	#56 Photometri	4	
0147.COMP	5	13:11	10:39:36.7	+43:06:09	300	90	3.0	#56 Photometri	4	
0148-0157.BIAS	0	13:15	10:39:36.7	+43:06:09	300	90	3.0	#64 Cluster In	4	
0158-0167.FLAT	6	13:18	10:39:36.7	+43:06:09	300	90	3.0	#64 Cluster In	4	
0168-0177.DARK	900	15:41	10:39:36.7	+43:06:09	300	90	3.0	#64 Cluster In	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>
0001-0010.DARK	900	0:15	10:39:36.7	+43:06:09	300	90	3.0	#64 Cluster In	4	
0011.BIAS	0	0:34	10:39:36.7	+43:06:09	300	90	3.0	#64 Cluster In	4	clear
0012-0020.BIAS	0	0:35	10:39:36.7	+43:06:09	300	90	3.0	#64 Cluster In	4	
0021-0030.FLAT	6	0:38	10:39:36.7	+43:06:09	300	90	3.0	#64 Cluster In	4	
0031.BIAS	0	0:38	10:39:36.7	+43:06:09	300	90	3.0	#64 Cluster In	2	bin by 2
0032-0040.BIAS	0	0:40	10:39:36.7	+43:06:09	300	90	3.0	#64 Cluster In	2	
0041-0050.FLAT	12	0:45	10:39:36.7	+43:06:09	300	90	3.0	#64 Cluster In	2	
0051.sky	2	0:49	10:39:36.7	+43:06:09	300	90	3.0	#64 Cluster In	4	bin by 4
0052-0055.sky	2	0:50	10:39:36.7	+43:06:09	300	90	3.0	#64 Cluster In	4	
0056.COMP	5	0:51	10:39:36.7	+43:06:09	300	90	3.0	#64 Cluster In	4	
0057.Feige110	120	1:07	23:19:58.4	-05:09:56	300	90	3.0	#56 Photometri	4	
0058.COMP	5	1:10	23:19:58.4	-05:09:56	300	90	3.0	#56 Photometri	4	
0059.BDp284211	30	1:11	21:51:11.0	+28:51:50	300	90	3.0	#56 Photometri	4	
0060.COMP	5	1:12	21:51:11.0	+28:51:50	300	90	3.0	#56 Photometri	4	
0061.BDp284211	30	1:13	21:51:11.0	+28:51:50	300	90	3.0	#56 Photometri	2	bin by 2
0062.COMP	12	1:14	21:51:11.0	+28:51:50	300	90	3.0	#56 Photometri	2	
0063.N7331	180	1:15	22:34:46.9	+34:09:43	300	90	3.0	#57 Velocity S	4	bin by 4
0064.COMP	5	1:19	22:34:46.9	+34:09:43	300	90	3.0	#57 Velocity S	4	
0065.2M234457.1p300231	240	1:25	23:44:57.1	+30:02:31	300	90	3.0	#68 2MASS Reds	4	
0066.COMP	5	1:29	23:44:57.1	+30:02:31	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
0067.2M235444.2p342046	180	1:30	23:54:44.1	+34:20:46	300	90	3.0	#68 2MASS Reds	4	
0068.COMP	5	1:33	23:54:44.1	+34:20:46	300	90	3.0	#68 2MASS Reds	4	
0069.id2870	300	1:35	19:58:38.6	35:16:15	300	90	3.0	#115 PMS NGC68	4	
0070.COMP	5	1:41	19:58:38.6	35:16:15	300	90	3.0	#115 PMS NGC68	4	
0071.id1462	300	1:42	20:06:46.6	35:46:06	300	90	3.0	#115 PMS NGC68	4	
0072.COMP	5	1:47	20:06:46.6	35:46:06	300	90	3.0	#115 PMS NGC68	4	
0073.id1851	300	1:48	20:05:58.9	35:47:17	300	90	3.0	#115 PMS NGC68	4	very bright star to W; good luck!
0074.COMP	5	1:54	20:05:58.9	35:47:17	300	90	3.0	#115 PMS NGC68	4	
0075.id1923	300	1:54	20:05:50.7	35:51:46	300	90	3.0	#115 PMS NGC68	4	star to W
0076.COMP	5	2:00	20:05:50.7	35:51:46	300	90	3.0	#115 PMS NGC68	4	
0077.id1348	300	2:01	20:06:59.4	35:37:14	300	90	3.0	#115 PMS NGC68	4	
0078.COMP	5	2:06	20:06:59.4	35:37:14	300	90	3.0	#115 PMS NGC68	4	
0079.id1617	300	2:07	20:06:23.7	35:42:36	300	90	3.0	#115 PMS NGC68	4	
0080.COMP	5	2:12	20:06:23.7	35:42:36	300	90	3.0	#115 PMS NGC68	4	
0081.a119c_620	1200	2:15	01:04:48.8	-0:53:41	300	90	3.0	#64 Cluster In	4	gal to W
0082.COMP	5	2:35	01:04:48.8	-0:53:41	300	90	3.0	#64 Cluster In	4	
0083.a119c_621	900	2:36	01:03:47.7	-2:33:42	300	90	3.0	#64 Cluster In	4	
0084.COMP	5	2:51	01:03:47.7	-2:33:42	300	90	3.0	#64 Cluster In	4	
0085.a119c_622	900	2:52	00:47:01.1	-2:07:08	300	90	3.0	#64 Cluster In	4	
0086.COMP	5	3:08	00:47:01.1	-2:07:08	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
0087.a119c_626	840	3:09	00:56:29.1	-1:13:33	300	90	3.0	#64 Cluster In	4	
0088.COMP	5	3:24	00:58:55.4	-2:55:50	300	90	3.0	#64 Cluster In	4	
0089.a119c_626	600	3:25	00:56:29.1	-1:13:33	300	90	3.0	#64 Cluster In	4	
0090.COMP	5	3:36	00:56:29.1	-1:13:33	300	90	3.0	#64 Cluster In	4	
0091.a119c_628	900	3:39	00:52:35.0	-2:45:48	300	90	3.0	#64 Cluster In	2	binby2, ang=79. 3 compts
0092.COMP	12	3:55	00:52:35.0	-2:45:48	300	90	3.0	#64 Cluster In	2	2 compts to E may be M stars
0093.a119c_629	600	3:56	01:07:14.9	-2:24:05	300	90	3.0	#64 Cluster In	4	
0094.COMP	5	4:07	01:07:14.9	-2:24:05	300	90	3.0	#64 Cluster In	4	
0095.a119c_632	600	4:07	00:55:11.2	-0:48:36	300	90	3.0	#64 Cluster In	4	
0096.COMP	5	4:18	00:55:11.2	-0:48:36	300	90	3.0	#64 Cluster In	4	
0097.a119c_633	600	4:20	00:53:25.1	00:44:15	300	90	3.0	#64 Cluster In	4	
0098.COMP	5	4:30	00:53:25.1	00:44:15	300	90	3.0	#64 Cluster In	4	
0099.a119c_634	720	4:31	00:55:46.7	-3:38:48	300	90	3.0	#64 Cluster In	4	
0100.COMP	5	4:43	00:55:46.7	-3:38:48	300	90	3.0	#64 Cluster In	4	
0101.a119c_635	600	4:45	00:46:54.1	-1:48:21	300	90	3.0	#64 Cluster In	4	
0102.COMP	5	4:55	00:46:54.1	-1:48:21	300	90	3.0	#64 Cluster In	4	
0103.a119c_636	720	4:56	00:54:06.8	-3:10:09	300	90	3.0	#64 Cluster In	4	
0104.COMP	5	5:09	00:54:06.8	-3:10:09	300	90	3.0	#64 Cluster In	4	
0105.a119c_640	900	5:10	01:09:38.7	-2:20:40	300	90	3.0	#64 Cluster In	4	
0106.COMP	5	5:25	01:09:38.7	-2:20:40	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
0107.a119c_642	720	5:26	01:03:13.8	-0:42:44	300	90	3.0	#64 Cluster In	4	
0108.COMP	5	5:39	01:03:13.8	-0:42:44	300	90	3.0	#64 Cluster In	4	
0109.a119c_644	900	5:40	01:01:14.1	-1:25:52	300	90	3.0	#64 Cluster In	4	star to W
0110.COMP	5	5:55	01:01:14.1	-1:25:52	300	90	3.0	#64 Cluster In	4	
0111.a119c_645	720	5:56	00:53:51.6	-1:55:00	300	90	3.0	#64 Cluster In	4	
0112.COMP	5	6:08	00:53:51.6	-1:55:00	300	90	3.0	#64 Cluster In	4	
0113.SN2000eo	900	6:15	03:09:08.2	-10:17:54	300	90	3.0	#2 SN Observat	2	bin by 2, type II
0114.COMP	12	6:30	03:09:08.2	-10:17:54	300	90	3.0	#2 SN Observat	2	
0115.021512p14190_a	1200	6:34	02:17:59.4	14:32:44	300	90	3.0	#113 Galaxy In	4	bin4, ang=49, row 70=a, row 17=b
0116.COMP	5	6:55	02:17:59.4	14:32:44	300	90	3.0	#113 Galaxy In	4	
0117.021636p37430_a	1200	7:04	02:19:38.2	37:56:09	300	90	3.0	#113 Galaxy In	4	ang=55, row50=a, row38=b
0118.COMP	5	7:25	02:19:38.2	37:56:09	300	90	3.0	#113 Galaxy In	4	
0119.a496_272	900	7:29	04:27:50.9	-14:15:46	300	90	3.0	#64 Cluster In	4	angle=90
0120.COMP	5	7:45	04:27:50.9	-14:15:46	300	90	3.0	#64 Cluster In	4	
0121.a496_273	900	7:46	04:27:57.9	-12:13:35	300	90	3.0	#64 Cluster In	4	star to E
0122.COMP	5	8:01	04:27:57.9	-12:13:35	300	90	3.0	#64 Cluster In	4	
0123.a496_274	900	8:02	04:27:00.3	-10:00:53	300	90	3.0	#64 Cluster In	4	
0124.COMP	5	8:18	04:27:00.3	-10:00:53	300	90	3.0	#64 Cluster In	4	
0125.a496_275	720	8:19	04:20:03.7	-14:05:28	300	90	3.0	#64 Cluster In	4	
0126.COMP	5	8:31	04:20:03.7	-14:05:28	300	90	3.0	#64 Cluster In	4	

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0127.a496_276	600	8:32	04:26:25.9	-12:51:25	300	90	3.0	#64 Cluster In	4	
0128.COMP	5	8:42	04:26:25.9	-12:51:25	300	90	3.0	#64 Cluster In	4	
0129.a496_279	720	8:43	04:40:40.8	-09:15:48	300	90	3.0	#64 Cluster In	4	
0130.COMP	5	8:55	04:40:40.8	-09:15:48	300	90	3.0	#64 Cluster In	4	
0131.a496_280	480	8:56	04:36:30.7	-11:22:57	300	90	3.0	#64 Cluster In	4	
0132.COMP	5	9:05	04:36:30.7	-11:22:57	300	90	3.0	#64 Cluster In	4	
0133.a496_288	480	9:06	04:25:33.3	-09:03:02	300	90	3.0	#64 Cluster In	4	
0134.COMP	5	9:14	04:25:33.3	-09:03:02	300	90	3.0	#64 Cluster In	4	
0135.a496_300	900	9:15	04:42:47.8	-09:24:49	300	90	3.0	#64 Cluster In	4	
0136.COMP	5	9:30	04:42:47.8	-09:24:49	300	90	3.0	#64 Cluster In	4	
0137.vso86129	720	9:31	5:36:23.7	1:19:44	300	90	3.0	#112 Orion PMS	4	
0138.COMP	5	9:44	5:36:23.7	1:19:44	300	90	3.0	#112 Orion PMS	4	
0139.vso88358	720	9:45	5:37:47.5	1:15:41	300	90	3.0	#112 Orion PMS	4	
0140.COMP	5	9:57	5:37:47.5	1:15:41	300	90	3.0	#112 Orion PMS	4	
0141.vso88503	1020	9:58	5:37:51.0	1:17:34	300	90	3.0	#112 Orion PMS	4	
0142.COMP	5	10:15	5:37:51.0	1:17:34	300	90	3.0	#112 Orion PMS	4	
0143.vso93028	1200	10:16	5:40:06.6	1:03:10	300	90	3.0	#112 Orion PMS	4	
0144.COMP	5	10:36	5:40:06.6	1:03:10	300	90	3.0	#112 Orion PMS	4	
0145.vso94631	720	10:37	5:41:02.4	1:12:00	300	90	3.0	#112 Orion PMS	4	
0146.COMP	5	10:49	5:41:02.4	1:12:00	300	90	3.0	#112 Orion PMS	4	

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0147.BGGem	180	10:52	6:03:31	27:41:50	300	90	3.0	#100 BGGem	2	bin by 2
0148.BGGem	900	10:55	6:03:31	27:41:50	300	90	3.0	#100 BGGem	2	
0149.COMP	12	11:11	6:03:31	27:41:50	300	90	3.0	#100 BGGem	2	
0150.Hiltner600	45	11:34	06:45:12.0	+02:06:00	300	90	3.0	#56 Photometri	2	angle=38
0151.COMP	12	11:36	06:45:12.0	+02:06:00	300	90	3.0	#56 Photometri	2	
0152.093748p11430_a	1200	11:38	09:40:29.9	+11:29:42	300	31	3.0	#113 Galaxy In	4	binby4, row39=a, row51=b
0153.COMP	5	11:58	09:40:29.9	+11:29:42	300	31	3.0	#113 Galaxy In	4	
0154.093854p11410_a	720	12:00	09:41:35.7	+11:28:11	300	90	3.0	#113 Galaxy In	4	
0155.COMP	5	12:12	09:41:35.7	+11:28:11	300	90	3.0	#113 Galaxy In	4	
0156.093854p11410_b	720	12:13	09:41:46.8	+11:28:55	300	90	3.0	#113 Galaxy In	4	
0157.COMP	5	12:25	09:41:46.8	+11:28:55	300	90	3.0	#113 Galaxy In	4	
0158.cs3274	600	12:27	12:31:08.0	28:50:29	300	90	3.0	#114 Galaxy LF	4	
0159.COMP	5	12:38	12:31:08.0	28:50:29	300	90	3.0	#114 Galaxy LF	4	
0160.cs1098	900	12:39	12:35:21.9	29:34:16	300	90	3.0	#114 Galaxy LF	4	em
0161.COMP	5	12:54	12:35:21.9	29:34:16	300	90	3.0	#114 Galaxy LF	4	
0162.2M071549.2p172904	360	12:56	07:15:49.1	+17:29:04	300	90	3.0	#68 2MASS Reds	4	
0163.COMP	5	13:02	07:15:49.1	+17:29:04	300	90	3.0	#68 2MASS Reds	4	
0164.2M071735.8p103843	300	13:03	07:17:35.8	+10:38:43	300	90	3.0	#68 2MASS Reds	4	star to E
0165.COMP	5	13:08	07:17:35.8	+10:38:43	300	90	3.0	#68 2MASS Reds	4	
0166.2M071757.5p094121	240	13:09	07:17:57.5	+09:41:21	300	90	3.0	#68 2MASS Reds	4	

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0167.COMP	5	13:14	07:17:57.5	+09:41:21	300	90	3.0	#68 2MASS Reds	4	
0168.Feige34	90	13:15	10:39:36.7	+43:06:09	300	90	3.0	#56 Photometri	4	
0169.COMP	5	13:17	10:39:36.7	+43:06:09	300	90	3.0	#56 Photometri	4	
0170.Feige34	90	13:17	10:39:36.7	+43:06:09	300	90	3.0	#56 Photometri	2	binby2
0171.COMP	12	13:19	10:39:36.7	+43:06:09	300	90	3.0	#56 Photometri	2	
0172-0181.BIAS	0	13:24	10:39:36.7	+43:06:09	300	90	3.0	#113 Galaxy In	2	
0182-0191.FLAT	12	13:29	10:39:36.7	+43:06:09	300	90	3.0	#113 Galaxy In	2	
0192.BIAS	0	13:29	10:39:36.7	+43:06:09	300	90	3.0	#113 Galaxy In	4	binby4
0193-0201.BIAS	0	13:31	10:39:36.7	+43:06:09	300	90	3.0	#113 Galaxy In	4	
0202-0211.FLAT	6	13:33	10:39:36.7	+43:06:09	300	90	3.0	#113 Galaxy In	4	
0212-0221.DARK	900	15:52	10:39:36.7	+43:06:09	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
0001-0010.DARK	900	0:12	20:00:00.0	32:00:00	300	90	3.0	#113 Galaxy In	4	
0011.BIAS	0	0:30	20:00:00.0	32:00:00	300	90	3.0	#113 Galaxy In	4	light cirrus
0012-0020.BIAS	0	0:31	20:00:00.0	32:00:00	300	90	3.0	#113 Galaxy In	4	
0021.FLAT	6	0:35	21:40:51.0	31:30:03	300	90	3.0	#113 Galaxy In	4	restarted realtime system
0022.FLAT	6	0:36	21:41:05.0	31:30:03	300	90	3.0	#113 Galaxy In	4	
0023-0030.FLAT	6	0:38	21:43:06.0	31:30:02	300	90	3.0	#113 Galaxy In	4	
0031.BIAS	0	0:39	21:44:33.0	31:30:02	300	90	3.0	#113 Galaxy In	2	binby2
0032-0040.BIAS	0	0:41	21:46:35.0	31:30:02	300	90	3.0	#113 Galaxy In	2	
0041-0050.FLAT	12	0:46	21:51:27.0	31:30:02	300	90	3.0	#113 Galaxy In	2	
0051.sky	2	0:50	21:55:30.0	31:30:02	300	90	3.0	#113 Galaxy In	4	binby4
0052-0055.sky	5	0:51	21:56:44.0	31:30:02	300	90	3.0	#113 Galaxy In	4	
0056.COMP	5	0:52	21:57:19.0	31:30:02	300	90	3.0	#113 Galaxy In	4	
0057.Feige110	120	1:13	23:19:58.4	-05:09:56	300	90	3.0	#56 Photometri	4	scope 'slewing' at 'set' rates
0058.COMP	5	1:15	23:19:58.4	-05:09:56	300	90	3.0	#56 Photometri	4	
0059.Feige110	120	1:16	23:19:58.4	-05:09:56	300	90	3.0	#56 Photometri	2	binby2
0060.COMP	12	1:18	23:19:58.4	-05:09:56	300	90	3.0	#56 Photometri	2	
0061.N7331	180	1:32	22:34:46.9	+34:09:43	300	90	3.0	#57 Velocity S	4	binb4
0062.COMP	5	1:35	22:34:46.9	+34:09:43	300	90	3.0	#57 Velocity S	4	
0063.id1824	300	1:40	20:06:00.9	35:53:25	300	90	3.0	#115 PMS NGC68	4	
0064.COMP	5	1:45	20:06:00.9	35:53:25	300	90	3.0	#115 PMS NGC68	4	

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0065.id1949	300	1:46	20:05:48.3	35:39:11	300	90	3.0	#115 PMS NGC68	4	
0066.COMP	5	1:52	20:05:48.3	35:39:11	300	90	3.0	#115 PMS NGC68	4	
0067.id2015	300	1:52	20:05:38.5	35:34:59	300	90	3.0	#115 PMS NGC68	4	
0068.COMP	5	1:58	20:05:38.5	35:34:59	300	90	3.0	#115 PMS NGC68	4	
0069.id2516	300	1:58	20:04:14.0	35:51:43	300	90	3.0	#115 PMS NGC68	4	star to E
0070.COMP	5	2:04	20:04:14.0	35:51:43	300	90	3.0	#115 PMS NGC68	4	
0071.id2754	300	2:05	19:59:18.8	35:10:03	300	90	3.0	#115 PMS NGC68	4	
0072.COMP	5	2:10	19:59:18.8	35:10:03	300	90	3.0	#115 PMS NGC68	4	
0073.id2759	360	2:11	19:59:16.7	35:24:43	300	90	3.0	#115 PMS NGC68	4	
0074.COMP	5	2:17	19:59:16.7	35:24:43	300	90	3.0	#115 PMS NGC68	4	
0075.srgb090.086	600	2:36	01:08:39.8	+33:32:46	300	90	3.0	#59 X-Ray Grou	4	restarted TCS,RTS; slew rates normal
0076.COMP	5	2:47	01:08:39.8	+33:32:46	300	90	3.0	#59 X-Ray Grou	4	
0077.srgb090.085	600	2:47	01:08:39.0	+33:33:41	300	90	3.0	#59 X-Ray Grou	4	
0078.COMP	5	2:58	01:08:39.0	+33:33:41	300	90	3.0	#59 X-Ray Grou	4	
0079.srgb090.087	420	3:03	01:08:43.6	+33:43:05	300	90	3.0	#59 X-Ray Grou	4	
0080.COMP	5	3:10	01:08:43.6	+33:43:05	300	90	3.0	#59 X-Ray Grou	4	
0081.srgb090.088	480	3:11	01:08:44.6	+33:27:46	300	90	3.0	#59 X-Ray Grou	4	
0082.COMP	5	3:19	01:08:44.6	+33:27:46	300	90	3.0	#59 X-Ray Grou	4	
0083.srgb090.089	420	3:20	01:08:52.6	+32:05:57	300	90	3.0	#59 X-Ray Grou	4	
0084.COMP	5	3:27	01:08:52.6	+32:05:57	300	90	3.0	#59 X-Ray Grou	4	

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0085.srgb090.090	180	3:28	01:08:53.8	+32:30:49	300	90	3.0	#59 X-Ray Grou	4	
0086.COMP	5	3:31	01:08:53.8	+32:30:49	300	90	3.0	#59 X-Ray Grou	4	
0087.srgb090.091	420	3:33	01:08:56.0	+31:52:10	300	90	3.0	#59 X-Ray Grou	4	
0088.COMP	5	3:40	01:08:56.0	+31:52:10	300	90	3.0	#59 X-Ray Grou	4	
0089.srgb090.092	150	3:41	01:08:59.4	+32:38:00	300	90	3.0	#59 X-Ray Grou	4	
0090.COMP	5	3:44	01:08:59.4	+32:38:00	300	90	3.0	#59 X-Ray Grou	4	
0091.srgb090.094	120	3:44	01:09:13.7	+31:58:42	300	90	3.0	#59 X-Ray Grou	4	star to E
0092.COMP	5	3:47	01:09:13.7	+31:58:42	300	90	3.0	#59 X-Ray Grou	4	
0093.srgb090.096	90	3:47	01:09:14.2	+32:45:04	300	90	3.0	#59 X-Ray Grou	4	
0094.COMP	5	3:49	01:09:14.2	+32:45:04	300	90	3.0	#59 X-Ray Grou	4	
0095.srgb090.097	420	3:50	01:09:14.2	+32:09:01	300	90	3.0	#59 X-Ray Grou	4	
0096.COMP	5	3:57	01:09:14.2	+32:09:01	300	90	3.0	#59 X-Ray Grou	4	
0097.srgb090.098	360	3:58	01:09:19.9	+33:28:33	300	90	3.0	#59 X-Ray Grou	4	
0098.COMP	5	4:05	01:09:19.9	+33:28:33	300	90	3.0	#59 X-Ray Grou	4	
0099.srgb090.099	300	4:05	01:09:20.7	+32:43:18	300	90	3.0	#59 X-Ray Grou	4	
0100.COMP	5	4:11	01:09:20.7	+32:43:18	300	90	3.0	#59 X-Ray Grou	4	
0101.srgb090.100	600	4:12	01:09:26.6	+32:46:13	300	90	3.0	#59 X-Ray Grou	4	
0102.COMP	5	4:22	01:09:26.6	+32:46:13	300	90	3.0	#59 X-Ray Grou	4	
0103.sn2000em	1200	4:29	0:35:29.8	-2:39:27	300	19	3.0	#2 SN Observat	2	binby2, no SN?
0104.COMP	12	4:50	0:35:29.8	-2:39:27	300	19	3.0	#2 SN Observat	2	

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0105.022306p571620	180	4:53	02:23:06.4	+57:16:20	300	90	3.0	#83 h/chi Pers	4	binby4
0106.COMP	5	4:56	02:23:06.4	+57:16:20	300	90	3.0	#83 h/chi Pers	4	
0107.022306p571620	180	4:57	02:23:06.4	+57:16:20	300	90	3.0	#83 h/chi Pers	4	star to W
0108.COMP	5	5:00	02:23:06.4	+57:16:20	300	90	3.0	#83 h/chi Pers	4	
0109.022309p571430	180	5:01	02:23:10.0	+57:14:30	300	90	3.0	#83 h/chi Pers	4	
0110.COMP	5	5:04	02:23:10.0	+57:14:30	300	90	3.0	#83 h/chi Pers	4	
0111.022311p571018	30	5:05	02:23:11.6	+57:10:18	300	90	3.0	#83 h/chi Pers	4	
0112.COMP	5	5:06	02:23:11.6	+57:10:18	300	90	3.0	#83 h/chi Pers	4	
0113.022311p571157	5	5:06	02:23:11.1	+57:11:57	300	90	3.0	#83 h/chi Pers	4	
0114.COMP	5	5:07	02:23:11.1	+57:11:57	300	90	3.0	#83 h/chi Pers	4	
0115.022313p570906	240	5:08	02:23:13.4	+57:09:06	300	90	3.0	#83 h/chi Pers	4	
0116.COMP	5	5:12	02:23:13.4	+57:09:06	300	90	3.0	#83 h/chi Pers	4	
0117.022314p571000	480	5:14	02:23:14.6	+57:10:00	300	90	3.0	#83 h/chi Pers	4	
0118.COMP	5	5:22	02:23:14.6	+57:10:00	300	90	3.0	#83 h/chi Pers	4	
0119.022314p571521	300	5:23	02:23:14.5	+57:15:21	300	90	3.0	#83 h/chi Pers	4	
0120.COMP	5	5:28	02:23:14.5	+57:15:21	300	90	3.0	#83 h/chi Pers	4	
0121.022316p570807	120	5:29	02:23:16.5	+57:08:07	300	90	3.0	#83 h/chi Pers	4	
0122.COMP	5	5:31	02:23:16.5	+57:08:07	300	90	3.0	#83 h/chi Pers	4	
0123.022317p570631	60	5:32	02:23:17.4	+57:06:31	300	90	3.0	#83 h/chi Pers	4	
0124.COMP	5	5:33	02:23:17.4	+57:06:31	300	90	3.0	#83 h/chi Pers	4	

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0125.022317p571423	300	5:34	02:23:17.9	+57:14:23	300	90	3.0	#83 h/chi Pers	4	
0126.COMP	5	5:39	02:23:17.9	+57:14:23	300	90	3.0	#83 h/chi Pers	4	
0127.022318p570352	180	5:40	02:23:18.2	+57:03:52	300	90	3.0	#83 h/chi Pers	4	
0128.COMP	5	5:43	02:23:18.2	+57:03:52	300	90	3.0	#83 h/chi Pers	4	
0129.022318p570558	180	5:44	02:23:18.3	+57:05:58	300	90	3.0	#83 h/chi Pers	4	
0130.COMP	5	5:47	02:23:18.3	+57:05:58	300	90	3.0	#83 h/chi Pers	4	
0131.022319p570603	180	5:47	02:23:19.7	+57:06:03	300	90	3.0	#83 h/chi Pers	4	
0132.COMP	5	5:51	02:23:19.7	+57:06:03	300	90	3.0	#83 h/chi Pers	4	
0133.022318p570752	180	5:51	02:23:18.2	+57:07:52	300	90	3.0	#83 h/chi Pers	4	
0134.COMP	5	5:55	02:23:18.2	+57:07:52	300	90	3.0	#83 h/chi Pers	4	
0135.022318p571259	60	5:55	02:23:18.7	+57:12:59	300	90	3.0	#83 h/chi Pers	4	
0136.COMP	5	5:57	02:23:18.7	+57:12:59	300	90	3.0	#83 h/chi Pers	4	
0137.022319p571158	90	5:57	02:23:19.2	+57:11:58	300	90	3.0	#83 h/chi Pers	4	bright star to W
0138.COMP	5	5:59	02:23:19.2	+57:11:58	300	90	3.0	#83 h/chi Pers	4	
0139.022321p570901	180	6:00	02:23:21.8	+57:09:01	300	90	3.0	#83 h/chi Pers	4	
0140.COMP	5	6:03	02:23:21.8	+57:09:01	300	90	3.0	#83 h/chi Pers	4	
0141.022321p571037	180	6:04	02:23:21.7	+57:10:37	300	90	3.0	#83 h/chi Pers	4	
0142.COMP	5	6:07	02:23:21.7	+57:10:37	300	90	3.0	#83 h/chi Pers	4	
0143.022322p571309	30	6:09	02:23:22.9	+57:13:09	300	90	3.0	#83 h/chi Pers	4	
0144.COMP	5	6:10	02:23:22.9	+57:13:09	300	90	3.0	#83 h/chi Pers	4	

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0145.022322p571402	180	6:10	02:23:22.8	+57:14:02	300	90	3.0	#83 h/chi Pers	4	
0146.COMP	5	6:14	02:23:22.8	+57:14:02	300	90	3.0	#83 h/chi Pers	4	
0147.022324p571242	10	6:14	02:23:24.1	+57:12:42	300	90	3.0	#83 h/chi Pers	4	
0148.COMP	5	6:15	02:23:24.1	+57:12:42	300	90	3.0	#83 h/chi Pers	4	
0149.022323p570335	120	6:15	02:23:23.8	+57:03:35	300	90	3.0	#83 h/chi Pers	4	
0150.COMP	5	6:18	02:23:23.8	+57:03:35	300	90	3.0	#83 h/chi Pers	4	
0151.022325p570818	120	6:18	02:23:25.6	+57:08:18	300	90	3.0	#83 h/chi Pers	4	
0152.COMP	5	6:21	02:23:25.6	+57:08:18	300	90	3.0	#83 h/chi Pers	4	
0153.022326p570540	240	6:21	02:23:26.2	+57:05:40	300	90	3.0	#83 h/chi Pers	4	
0154.COMP	5	6:26	02:23:26.2	+57:05:40	300	90	3.0	#83 h/chi Pers	4	
0155.022328p570649	240	6:26	02:23:28.1	+57:06:49	300	90	3.0	#83 h/chi Pers	4	
0156.COMP	5	6:31	02:23:28.1	+57:06:49	300	90	3.0	#83 h/chi Pers	4	
0157.022328p570808	180	6:31	02:23:28.7	+57:08:08	300	90	3.0	#83 h/chi Pers	4	
0158.COMP	5	6:35	02:23:28.7	+57:08:08	300	90	3.0	#83 h/chi Pers	4	
0159.Feige24	1200	6:42	3:42:11.7	-27:51:48	300	-1	3.0	#56 Photometri	2	binby2, should be sneso419g3
0160.COMP	12	7:03	3:42:11.7	-27:51:48	300	-1	3.0	#56 Photometri	2	runaway 15+min into exp
0161.Feige25	120	7:08	02:38:37.7	+05:28:11	300	38	3.0	#56 Photometri	2	
0162.COMP	12	7:10	02:38:37.7	+05:28:11	300	38	3.0	#56 Photometri	2	
0163.a496_284	900	7:14	04:46:52.9	-16:55:12	300	90	3.0	#64 Cluster In	4	binby4
0164.COMP	5	7:29	04:46:52.9	-16:55:12	300	90	3.0	#64 Cluster In	4	

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0165.a496_285	900	7:30	04:29:10.4	-14:20:17	300	90	3.0	#64 Cluster In	4	
0166.COMP	5	7:46	04:29:10.4	-14:20:17	300	90	3.0	#64 Cluster In	4	
0167.a496_286	600	7:47	04:25:19.1	-14:43:11	300	90	3.0	#64 Cluster In	4	
0168.COMP	5	7:57	04:25:19.1	-14:43:11	300	90	3.0	#64 Cluster In	4	
0169.a496_287	480	7:58	04:22:38.9	-12:33:39	300	90	3.0	#64 Cluster In	4	
0170.COMP	5	8:06	04:22:38.9	-12:33:39	300	90	3.0	#64 Cluster In	4	
0171.a496_290	480	8:07	04:31:45.9	-11:43:53	300	90	3.0	#64 Cluster In	4	
0172.COMP	5	8:15	04:31:45.9	-11:43:53	300	90	3.0	#64 Cluster In	4	
0173.a496_292	900	8:16	04:27:05.8	-11:27:24	300	90	3.0	#64 Cluster In	4	
0174.COMP	5	8:32	04:27:05.8	-11:27:24	300	90	3.0	#64 Cluster In	4	
0175.a496_293	480	8:33	04:35:59.5	-13:18:06	300	90	3.0	#64 Cluster In	4	
0176.COMP	5	8:41	04:35:59.5	-13:18:06	300	90	3.0	#64 Cluster In	4	
0177.a496_294	780	8:42	04:23:39.0	-15:43:07	300	90	3.0	#64 Cluster In	4	star to E
0178.COMP	5	8:55	04:23:39.0	-15:43:07	300	90	3.0	#64 Cluster In	4	
0179.a496_296	480	8:56	04:31:43.2	-11:38:20	300	90	3.0	#64 Cluster In	4	
0180.COMP	5	9:04	04:31:43.2	-11:38:20	300	90	3.0	#64 Cluster In	4	
0181.vso96267	900	9:16	5:41:59.2	1:03:36	300	90	3.0	#112 Orion PMS	4	
0182.COMP	5	9:31	5:41:59.2	1:03:36	300	90	3.0	#112 Orion PMS	4	
0183.vso99986	900	9:32	5:44:06.3	1:14:37	300	90	3.0	#112 Orion PMS	4	star to E
0184.COMP	5	9:47	5:44:06.3	1:14:37	300	90	3.0	#112 Orion PMS	4	

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0185.vso104971	1080	9:48	5:46:50.7	1:01:37	300	90	3.0	#112 Orion PMS	4	
0186.COMP	5	10:07	5:46:50.7	1:01:37	300	90	3.0	#112 Orion PMS	4	
0187.vso107142	1080	10:07	5:48:08.5	1:09:13	300	90	3.0	#112 Orion PMS	4	
0188.COMP	5	10:26	5:48:08.5	1:09:13	300	90	3.0	#112 Orion PMS	4	
0189.vso108832	900	10:26	5:49:01.6	1:23:04	300	90	3.0	#112 Orion PMS	4	
0190.COMP	5	10:42	5:49:01.6	1:23:04	300	90	3.0	#112 Orion PMS	4	
0191.vso112801	900	10:42	5:51:35.6	0:56:37	300	90	3.0	#112 Orion PMS	4	star to E
0192.COMP	5	10:58	5:51:35.6	0:56:37	300	90	3.0	#112 Orion PMS	4	
0193.vso112908	900	10:58	5:51:40.3	1:24:53	300	90	3.0	#112 Orion PMS	4	
0194.COMP	5	11:14	5:51:40.3	1:24:53	300	90	3.0	#112 Orion PMS	4	
0195.3019	720	11:15	8:43:11.9	29:23:47	300	90	3.0	#114 Galaxy LF	4	low s/n
0196.COMP	5	11:28	8:43:11.9	29:23:47	300	90	3.0	#114 Galaxy LF	4	
0197.3032	900	11:29	8:48:25.6	29:44:09	300	90	3.0	#114 Galaxy LF	4	
0198.COMP	5	11:45	8:48:25.6	29:44:09	300	90	3.0	#114 Galaxy LF	4	
0199.3138	1200	11:48	10:56:52.7	29:03:23	300	90	3.0	#114 Galaxy LF	4	
0200.COMP	5	12:08	10:56:52.7	29:03:23	300	90	3.0	#114 Galaxy LF	4	
0201.3058	900	12:09	9:01:26.8	29:29:08	300	90	3.0	#114 Galaxy LF	4	
0202.COMP	5	12:25	9:01:26.8	29:29:08	300	90	3.0	#114 Galaxy LF	4	
0203.cs1115	900	12:27	12:39:20.5	28:54:47	300	90	3.0	#114 Galaxy LF	4	
0204.COMP	5	12:42	12:39:20.5	28:54:47	300	90	3.0	#114 Galaxy LF	4	

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0205.cs1202	1200	12:44	12:58:06.9	29:02:04	300	90	3.0	#114 Galaxy LF	4	
0206.COMP	5	13:05	12:58:06.9	29:02:04	300	90	3.0	#114 Galaxy LF	4	
0207.2M072132.9p151442	180	13:06	07:21:32.8	+15:14:42	300	90	3.0	#68 2MASS Reds	4	
0208.COMP	5	13:10	07:21:32.8	+15:14:42	300	90	3.0	#68 2MASS Reds	4	
0209.2M072136.8p175621	180	13:11	07:21:36.7	+17:56:21	300	90	3.0	#68 2MASS Reds	4	
0210.COMP	5	13:14	07:21:36.7	+17:56:21	300	90	3.0	#68 2MASS Reds	4	
0211-0220.BIAS	0	13:19	07:31:22.6	+18:54:21	300	90	3.0	#114 Galaxy LF	4	
0221-0230.FLAT	6	13:22	07:31:22.6	+18:54:21	300	90	3.0	#114 Galaxy LF	4	
0231.BIAS	0	13:23	07:31:22.6	+18:54:21	300	90	3.0	#114 Galaxy LF	2	binby2
0232-0240.BIAS	0	13:25	07:31:22.6	+18:54:21	300	90	3.0	#114 Galaxy LF	2	
0241.FLAT	12	13:26	07:31:22.6	+18:54:21	300	90	3.0	#114 Galaxy LF	2	light cirrus
0242-0250.FLAT	12	13:30	07:31:22.6	+18:54:21	300	90	3.0	#114 Galaxy LF	2	
0251-0260.DARK	900	15:49	07:31:22.6	+18:54:21	300	90	3.0	#114 Galaxy LF	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001-0010.DARK	900	0:16	16:30:30.0	33:00:00	300	90	3.0	#114 Galaxy LF	4	
0011.BIAS	0	0:31	16:30:30.0	33:00:00	300	90	3.0	#114 Galaxy LF	4	light cirrus to W
0012-0020.BIAS	0	0:32	16:30:30.0	33:00:00	300	90	3.0	#114 Galaxy LF	4	
0021-0030.FLAT	6	0:35	16:30:30.0	33:00:00	300	90	3.0	#114 Galaxy LF	4	
0031-0040.BIAS	0	0:37	16:30:30.0	33:00:00	300	90	3.0	#114 Galaxy LF	2	
0041-0050.FLAT	12	0:42	16:30:30.0	33:00:00	300	90	3.0	#114 Galaxy LF	2	
0051.sky	2	0:48	22:00:0	31:30:03	300	90	3.0	#114 Galaxy LF	4	
0052-0055.sky	3	0:49	22:00:0	31:30:03	300	90	3.0	#114 Galaxy LF	4	
0056.COMP	5	0:49	22:00:0	31:30:03	300	90	3.0	#114 Galaxy LF	4	
0057.BDp284211	30	0:58	21:51:11.0	+28:51:50	300	49	3.0	#56 Photometri	4	at parallactic angle
0058.COMP	5	0:59	21:51:11.0	+28:51:50	300	49	3.0	#56 Photometri	4	
0059.BDp284211	30	1:00	21:51:11.0	+28:51:50	300	49	3.0	#56 Photometri	2	
0060.COMP	12	1:01	21:51:11.0	+28:51:50	300	49	3.0	#56 Photometri	2	
0061.N7331	180	1:04	22:34:46.9	+34:09:43	300	90	3.0	#57 Velocity S	4	
0062.COMP	5	1:07	22:34:46.9	+34:09:43	300	90	3.0	#57 Velocity S	4	
0063.id1301	360	1:08	20:07:04.3	35:40:33	300	90	3.0	#115 PMS NGC68	4	star to W
0064.COMP	5	1:15	20:07:04.3	35:40:33	300	90	3.0	#115 PMS NGC68	4	
0065.id1525	360	1:15	20:06:37.6	35:56:40	300	90	3.0	#115 PMS NGC68	4	
0066.COMP	5	1:22	20:06:37.6	35:56:40	300	90	3.0	#115 PMS NGC68	4	
0067.id2131	360	1:23	20:05:23.8	35:47:59	300	90	3.0	#115 PMS NGC68	4	

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0068.COMP	5	1:29	20:05:23.8	35:47:59	300	90	3.0	#115 PMS NGC68	4	
0069.id2448	360	1:30	20:04:27.1	35:44:38	300	90	3.0	#115 PMS NGC68	4	
0070.COMP	5	1:36	20:04:27.1	35:44:38	300	90	3.0	#115 PMS NGC68	4	
0071.id2781	420	1:37	19:59:07.9	35:17:33	300	90	3.0	#115 PMS NGC68	4	stars to E
0072.COMP	5	1:44	19:59:07.9	35:17:33	300	90	3.0	#115 PMS NGC68	4	
0073.id103	420	1:51	20:05:56.5	35:42:52	300	90	3.0	#115 PMS NGC68	4	runaway
0074.COMP	5	1:58	20:05:56.5	35:42:52	300	90	3.0	#115 PMS NGC68	4	
0075.a119c_648	900	2:00	00:52:40.0	-2:18:29	300	90	3.0	#64 Cluster In	4	
0076.COMP	5	2:16	00:52:40.0	-2:18:29	300	90	3.0	#64 Cluster In	4	
0077.a119c_651	1020	2:17	01:08:11.2	-1:12:28	300	90	3.0	#64 Cluster In	4	
0078.COMP	5	2:34	01:08:11.2	-1:12:28	300	90	3.0	#64 Cluster In	4	
0079.a119c_655	720	2:36	00:53:19.2	-3:11:39	300	90	3.0	#64 Cluster In	4	star to E
0080.COMP	5	2:48	00:53:19.2	-3:11:39	300	90	3.0	#64 Cluster In	4	
0081.a119c_656	600	2:49	00:56:13.6	-2:52:55	300	90	3.0	#64 Cluster In	4	obj to W -- galaxy?
0082.COMP	5	2:59	00:56:13.6	-2:52:55	300	90	3.0	#64 Cluster In	4	
0083.a119c_662	720	3:00	01:06:14.0	-2:27:19	300	90	3.0	#64 Cluster In	4	
0084.COMP	5	3:12	01:06:14.0	-2:27:19	300	90	3.0	#64 Cluster In	4	
0085.a119c_664	720	3:13	00:52:09.6	-1:07:08	300	90	3.0	#64 Cluster In	4	
0086.COMP	5	3:26	00:52:09.6	-1:07:08	300	90	3.0	#64 Cluster In	4	
0087.a119c_665	1020	3:27	00:55:46.8	-1:17:08	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
0088.COMP	5	3:44	00:55:46.8	-1:17:08	300	90	3.0	#64 Cluster In	4	
0089.a119c_670	1200	3:45	00:59:19.9	00:00:09	300	90	3.0	#64 Cluster In	4	star to W, gal to E
0090.COMP	5	4:05	00:59:19.9	00:00:09	300	90	3.0	#64 Cluster In	4	
0091.a119c_671	1020	4:07	01:11:25.9	-1:35:02	300	90	3.0	#64 Cluster In	4	
0092.COMP	5	4:25	01:11:25.9	-1:35:02	300	90	3.0	#64 Cluster In	4	
0093.a119c_672	600	4:26	01:06:17.1	-2:05:29	300	90	3.0	#64 Cluster In	4	
0094.COMP	5	4:36	01:06:17.1	-2:05:29	300	90	3.0	#64 Cluster In	4	
0095.a119c_673	600	4:37	00:48:51.9	-1:17:44	300	90	3.0	#64 Cluster In	4	
0096.COMP	5	4:47	00:48:51.9	-1:17:44	300	90	3.0	#64 Cluster In	4	
0097.a119c_674	720	4:48	00:54:54.3	-3:42:15	300	90	3.0	#64 Cluster In	4	
0098.COMP	5	5:00	00:54:54.3	-3:42:15	300	90	3.0	#64 Cluster In	4	
0099.a119c_676	600	5:02	01:01:47.1	02:13:25	300	90	3.0	#64 Cluster In	4	
0100.COMP	5	5:13	01:01:47.1	02:13:25	300	90	3.0	#64 Cluster In	4	
0101.a119c_677	600	5:13	01:00:09.8	-0:28:44	300	90	3.0	#64 Cluster In	4	
0102.COMP	5	5:24	01:00:09.8	-0:28:44	300	90	3.0	#64 Cluster In	4	
0103.a119c_682	600	5:25	01:05:55.0	01:28:40	300	90	3.0	#64 Cluster In	4	
0104.COMP	5	5:35	01:05:55.0	01:28:40	300	90	3.0	#64 Cluster In	4	
0105.a119c_683	720	5:37	01:10:03.8	00:28:16	300	90	3.0	#64 Cluster In	4	runaway
0106.COMP	5	5:50	01:10:03.8	00:28:16	300	90	3.0	#64 Cluster In	4	
0107.a119c_685	900	5:51	00:51:33.1	-3:23:50	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
0108.COMP	5	6:06	00:51:33.1	-3:23:50	300	90	3.0	#64 Cluster In	4	runaway
0109.021737p570557	360	6:08	02:17:37.9	+57:05:57	300	90	3.0	#83 h/chi Pers	4	
0110.COMP	5	6:14	02:17:37.9	+57:05:57	300	90	3.0	#83 h/chi Pers	4	
0111.021740p571127	480	6:15	02:17:40.9	+57:11:27	300	90	3.0	#83 h/chi Pers	4	
0112.COMP	5	6:23	02:17:40.9	+57:11:27	300	90	3.0	#83 h/chi Pers	4	
0113.021744p571229	360	6:24	02:17:44.3	+57:12:29	300	90	3.0	#83 h/chi Pers	4	
0114.COMP	5	6:30	02:17:44.3	+57:12:29	300	90	3.0	#83 h/chi Pers	4	
0115.021745p571429	480	6:31	02:17:45.6	+57:14:29	300	90	3.0	#83 h/chi Pers	4	
0116.COMP	5	6:40	02:17:45.6	+57:14:29	300	90	3.0	#83 h/chi Pers	4	
0117.021747p571307	360	6:40	02:17:47.3	+57:13:07	300	90	3.0	#83 h/chi Pers	4	
0118.COMP	5	6:47	02:17:47.3	+57:13:07	300	90	3.0	#83 h/chi Pers	4	
0119.021748p570844	360	6:48	02:17:48.6	+57:08:44	300	90	3.0	#83 h/chi Pers	4	
0120.COMP	5	6:54	02:17:48.6	+57:08:44	300	90	3.0	#83 h/chi Pers	4	
0121.021749p570352	360	6:55	02:17:49.5	+57:03:52	300	90	3.0	#83 h/chi Pers	4	
0122.COMP	5	7:01	02:17:49.5	+57:03:52	300	90	3.0	#83 h/chi Pers	4	
0123.021750p571547	360	7:02	02:17:50.9	+57:15:47	300	90	3.0	#83 h/chi Pers	4	
0124.COMP	5	7:08	02:17:50.9	+57:15:47	300	90	3.0	#83 h/chi Pers	4	
0125.021751p571330	360	7:10	02:17:51.1	+57:13:30	300	90	3.0	#83 h/chi Pers	4	
0126.COMP	5	7:16	02:17:51.1	+57:13:30	300	90	3.0	#83 h/chi Pers	4	
0127.021800p571233	360	7:22	02:18:00.3	+57:12:33	300	90	3.0	#83 h/chi Pers	4	

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0128.COMP	5	7:28	02:18:00.3	+57:12:33	300	90	3.0	#83 h/chi Pers	4	
0129.021807p571549	360	7:29	02:18:07.7	+57:15:49	300	90	3.0	#83 h/chi Pers	4	
0130.COMP	5	7:35	02:18:07.7	+57:15:49	300	90	3.0	#83 h/chi Pers	4	
0131.SN2000eo	1200	7:44	03:09:08.2	-10:17:54	300	28	3.0	#2 SN Observat	2	
0132.COMP	12	8:04	03:09:08.2	-10:17:54	300	28	3.0	#2 SN Observat	2	
0133.a496_295	680	8:08	04:45:56.4	-15:55:07	300	90	3.0	#64 Cluster In	4	
0134.COMP	5	8:20	04:45:56.4	-15:55:07	300	90	3.0	#64 Cluster In	4	
0135.a496_297	480	8:21	04:20:11.2	-15:00:57	300	90	3.0	#64 Cluster In	4	
0136.COMP	5	8:29	04:20:11.2	-15:00:57	300	90	3.0	#64 Cluster In	4	
0137.a496_298	900	8:30	04:45:24.7	-15:13:14	300	90	3.0	#64 Cluster In	4	
0138.COMP	5	8:46	04:45:24.7	-15:13:14	300	90	3.0	#64 Cluster In	4	
0139.a496_299	900	8:47	04:19:43.0	-13:08:54	300	90	3.0	#64 Cluster In	4	
0140.COMP	5	9:02	04:19:43.0	-13:08:54	300	90	3.0	#64 Cluster In	4	
0141.a496_306	720	9:03	04:28:20.6	-11:43:55	300	90	3.0	#64 Cluster In	4	
0142.COMP	5	9:15	04:28:20.6	-11:43:55	300	90	3.0	#64 Cluster In	4	
0143.a496_307	600	9:16	04:28:42.7	-12:04:08	300	90	3.0	#64 Cluster In	4	
0144.COMP	5	9:27	04:28:42.7	-12:04:08	300	90	3.0	#64 Cluster In	4	
0145.vso113244	1020	9:28	5:51:52.6	1:27:55	300	90	3.0	#112 Orion PMS	4	
0146.COMP	5	9:45	5:51:52.6	1:27:55	300	90	3.0	#112 Orion PMS	4	
0147.vso113709	900	9:46	5:52:09.5	1:05:14	300	90	3.0	#112 Orion PMS	4	

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0148.COMP	5	10:01	5:52:09.5	1:05:14	300	90	3.0	#112 Orion PMS	4	
0149.vso114657	900	10:02	5:52:42.2	1:11:40	300	90	3.0	#112 Orion PMS	4	
0150.COMP	5	10:17	5:52:42.2	1:11:40	300	90	3.0	#112 Orion PMS	4	
0151.vso114772	1020	10:18	5:52:46.1	1:02:15	300	90	3.0	#112 Orion PMS	4	
0152.COMP	5	10:35	5:52:46.1	1:02:15	300	90	3.0	#112 Orion PMS	4	
0153.vso115695	1200	10:36	5:53:18.4	1:00:08	300	90	3.0	#112 Orion PMS	4	
0154.COMP	5	10:56	5:53:18.4	1:00:08	300	90	3.0	#112 Orion PMS	4	
0155.vso117144	1020	10:57	5:54:14.9	1:14:53	300	90	3.0	#112 Orion PMS	4	
0156.COMP	5	11:15	5:54:14.9	1:14:53	300	90	3.0	#112 Orion PMS	4	
0157.vso118002	1020	11:15	5:54:44.8	1:21:44	300	90	3.0	#112 Orion PMS	4	
0158.COMP	5	11:33	5:54:44.8	1:21:44	300	90	3.0	#112 Orion PMS	4	
0159.2M070038.3p230839	300	11:34	07:00:38.3	+23:08:39	300	90	3.0	#68 2MASS Reds	4	
0160.COMP	5	11:40	07:00:38.3	+23:08:39	300	90	3.0	#68 2MASS Reds	4	
0161.2M070208.0p325726	300	11:41	07:02:07.9	+32:57:26	300	90	3.0	#68 2MASS Reds	4	
0162.COMP	5	11:46	07:02:07.9	+32:57:26	300	90	3.0	#68 2MASS Reds	4	
0163.2M071129.3p234210	120	11:47	07:11:29.2	+23:42:10	300	90	3.0	#68 2MASS Reds	4	
0164.COMP	5	11:49	07:11:29.2	+23:42:10	300	90	3.0	#68 2MASS Reds	4	
0165.2M071411.0p185641	180	11:50	07:14:11.0	+18:56:41	300	90	3.0	#68 2MASS Reds	4	
0166.COMP	5	11:54	07:14:11.0	+18:56:41	300	90	3.0	#68 2MASS Reds	4	
0167.2M071241.6p142549	240	11:54	07:12:41.6	+14:25:49	300	90	3.0	#68 2MASS Reds	4	

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0168.COMP	5	11:59	07:12:41.6	+14:25:49	300	90	3.0	#68 2MASS Reds	4	
0169.2M071321.5p122421	180	12:00	07:13:21.5	+12:24:21	300	90	3.0	#68 2MASS Reds	4	
0170.COMP	5	12:03	07:13:21.5	+12:24:21	300	90	3.0	#68 2MASS Reds	4	
0171.3211	720	12:05	11:58:35.4	29:41:14	300	90	3.0	#114 Galaxy LF	4	
0172.COMP	5	12:18	11:58:35.4	29:41:14	300	90	3.0	#114 Galaxy LF	4	
0173.cs1229	900	12:19	13:01:09.3	29:28:45	300	90	3.0	#114 Galaxy LF	4	
0174.COMP	5	12:34	13:01:09.3	29:28:45	300	90	3.0	#114 Galaxy LF	4	
0175.cs3321	1200	12:35	13:02:25.6	28:51:28	300	90	3.0	#114 Galaxy LF	4	
0176.COMP	5	12:56	13:02:25.6	28:51:28	300	90	3.0	#114 Galaxy LF	4	
0177.2M073122.6p185421	120	12:58	07:31:22.6	+18:54:21	300	90	3.0	#68 2MASS Reds	4	
0178.COMP	5	13:01	07:31:22.6	+18:54:21	300	90	3.0	#68 2MASS Reds	4	
0179.2M073537.0p052612	180	13:02	07:35:37.0	+05:26:12	300	90	3.0	#68 2MASS Reds	4	
0180.COMP	5	13:05	07:35:37.0	+05:26:12	300	90	3.0	#68 2MASS Reds	4	
0181.Feige34	90	13:08	10:39:36.7	+43:06:09	300	20	3.0	#56 Photometri	2	binby2
0182.COMP	12	13:10	10:39:36.7	+43:06:09	300	20	3.0	#56 Photometri	2	
0183.Feige34	90	13:11	10:39:36.7	+43:06:09	300	20	3.0	#56 Photometri	4	binby2
0184.COMP	5	13:13	10:39:36.7	+43:06:09	300	20	3.0	#56 Photometri	4	
0185-0194.BIAS	0	13:18	10:39:36.7	+43:06:09	300	90	3.0	#56 Photometri	4	
0195-0204.FLAT	6	13:21	10:39:36.7	+43:06:09	300	90	3.0	#56 Photometri	4	
0205.BIAS	0	13:22	10:39:36.7	+43:06:09	300	90	3.0	#56 Photometri	2	binby2

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0206-0214.BIAS	0	13:24	10:39:36.7	+43:06:09	300	90	3.0	#56 Photometri	2	
0215.FLAT	12	13:26	10:39:36.7	+43:06:09	300	90	3.0	#56 Photometri	2	clear at dawn
0216-0224.FLAT	12	13:30	10:39:36.7	+43:06:09	300	90	3.0	#56 Photometri	2	
0225-0234.DARK	900	15:48	10:39:36.7	+43:06:09	300	90	3.0	#56 Photometri	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001-0010.DARK	900	0:15	10:39:36.7	+43:06:09	300	90	3.0	#56 Photometri	4	
0011.BIAS	0	0:33	10:39:36.7	+43:06:09	300	90	3.0	#56 Photometri	4	clear, cirrus on horizon
0012-0020.BIAS	0	0:35	10:39:36.7	+43:06:09	300	90	3.0	#56 Photometri	4	
0021-0030.FLAT	6	0:37	10:39:36.7	+43:06:09	300	90	3.0	#56 Photometri	4	
0031.BIAS	0	0:38	10:39:36.7	+43:06:09	300	90	3.0	#56 Photometri	2	binby2
0032-0040.BIAS	0	0:40	10:39:36.7	+43:06:09	300	90	3.0	#56 Photometri	2	
0041-0050.FLAT	12	0:44	10:39:36.7	+43:06:09	300	90	3.0	#56 Photometri	2	
0051.sky	2	0:47	10:39:36.7	+43:06:09	300	90	3.0	#56 Photometri	4	binby4
0052-0055.sky	3	0:48	10:39:36.7	+43:06:09	300	90	3.0	#56 Photometri	4	
0056.COMP	5	0:48	10:39:36.7	+43:06:09	300	90	3.0	#56 Photometri	4	
0057.BDp284211	30	0:57	21:51:11.0	+28:51:50	300	54	3.0	#56 Photometri	4	
0058.COMP	5	0:58	21:51:11.0	+28:51:50	300	54	3.0	#56 Photometri	4	
0059.BDp284211	30	0:59	21:51:11.0	+28:51:50	300	54	3.0	#56 Photometri	2	binby2
0060.COMP	12	1:00	21:51:11.0	+28:51:50	300	54	3.0	#56 Photometri	2	
0061.N7331	180	1:02	22:34:46.9	+34:09:43	300	90	3.0	#57 Velocity S	4	binby4
0062.COMP	5	1:05	22:34:46.9	+34:09:43	300	90	3.0	#57 Velocity S	4	
0063.id1191	420	1:07	20:07:17.1	35:38:14	300	90	3.0	#115 PMS NGC68	4	
0064.COMP	5	1:14	20:07:17.1	35:38:14	300	90	3.0	#115 PMS NGC68	4	
0065.id2902	420	1:15	19:58:23.2	35:25:32	300	90	3.0	#115 PMS NGC68	4	
0066.COMP	5	1:22	19:58:23.2	35:25:32	300	90	3.0	#115 PMS NGC68	4	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0067.id1842	480	1:23	20:05:59.5	35:49:55	300	90	3.0	#115 PMS NGC68	4	2 stars W
0068.COMP	5	1:32	20:05:59.5	35:49:55	300	90	3.0	#115 PMS NGC68	4	runaway just after slew
0069.id2249	480	1:32	20:05:07.7	35:41:24	300	90	3.0	#115 PMS NGC68	4	star E
0070.COMP	5	1:41	20:05:07.7	35:41:24	300	90	3.0	#115 PMS NGC68	4	
0071.srgb090.101	240	1:42	01:09:33.5	+32:10:20	300	90	3.0	#59 X-Ray Grou	4	
0072.COMP	5	1:46	01:09:33.5	+32:10:20	300	90	3.0	#59 X-Ray Grou	4	
0073.srgb090.102	240	1:47	01:09:42.7	+32:27:02	300	90	3.0	#59 X-Ray Grou	4	
0074.COMP	5	1:51	01:09:42.7	+32:27:02	300	90	3.0	#59 X-Ray Grou	4	
0075.srgb090.103	360	1:52	01:09:44.2	+32:37:00	300	90	3.0	#59 X-Ray Grou	4	
0076.COMP	5	1:59	01:09:44.2	+32:37:00	300	90	3.0	#59 X-Ray Grou	4	
0077.srgb090.104	360	2:00	01:09:45.5	+31:08:14	300	90	3.0	#59 X-Ray Grou	4	
0078.COMP	5	2:07	01:09:45.5	+31:08:14	300	90	3.0	#59 X-Ray Grou	4	
0079.srgb090.105	720	2:08	01:09:48.4	+32:42:08	300	90	3.0	#59 X-Ray Grou	4	superposed star
0080.COMP	5	2:20	01:09:48.4	+32:42:08	300	90	3.0	#59 X-Ray Grou	4	
0081.srgb090.106	240	2:21	01:09:59.4	+32:22:04	300	90	3.0	#59 X-Ray Grou	4	runaway; not guiding; 2 min into exp
0082.COMP	5	2:25	01:09:59.4	+32:22:04	300	90	3.0	#59 X-Ray Grou	4	
0083.srgb090.107	900	2:26	01:10:00.7	+32:54:12	300	90	3.0	#59 X-Ray Grou	4	
0084.COMP	5	2:41	01:10:00.7	+32:54:12	300	90	3.0	#59 X-Ray Grou	4	
0085.srgb090.108	720	2:42	01:10:02.7	+32:54:47	300	90	3.0	#59 X-Ray Grou	4	runaway, guiding, 6 min in
0086.COMP	5	2:54	01:10:02.7	+32:54:47	300	90	3.0	#59 X-Ray Grou	4	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0087.srgb090.109	240	2:55	01:10:20.8	+32:23:12	300	90	3.0	#59 X-Ray Grou	4	runaway, not guiding, 2 min in
0088.COMP	5	2:59	01:10:20.8	+32:23:12	300	90	3.0	#59 X-Ray Grou	4	
0089.srgb090.110	720	3:00	01:10:31.7	+32:10:49	300	90	3.0	#59 X-Ray Grou	4	
0090.COMP	5	3:13	01:10:31.7	+32:10:49	300	90	3.0	#59 X-Ray Grou	4	
0091.srgb090.111	45	3:13	01:10:36.6	+33:07:29	300	90	3.0	#59 X-Ray Grou	4	
0092.COMP	5	3:14	01:10:36.6	+33:07:29	300	90	3.0	#59 X-Ray Grou	4	
0093.srgb090.112	600	3:15	01:10:44.5	+33:33:25	300	90	3.0	#59 X-Ray Grou	4	star to W
0094.COMP	5	3:26	01:10:44.5	+33:33:25	300	90	3.0	#59 X-Ray Grou	4	
0095.srgb090.115	480	3:26	01:10:50.7	+33:06:45	300	90	3.0	#59 X-Ray Grou	4	
0096.COMP	5	3:35	01:10:50.7	+33:06:45	300	90	3.0	#59 X-Ray Grou	4	
0097.srgb090.116	240	3:35	01:10:52.4	+32:35:33	300	90	3.0	#59 X-Ray Grou	4	
0098.COMP	5	3:40	01:10:52.4	+32:35:33	300	90	3.0	#59 X-Ray Grou	4	
0099.srgb090.117	480	3:41	01:10:55.7	+33:28:17	300	90	3.0	#59 X-Ray Grou	4	
0100.COMP	5	3:49	01:10:55.7	+33:28:17	300	90	3.0	#59 X-Ray Grou	4	
0101.srgb090.118	60	3:50	01:10:58.9	+33:09:08	300	90	3.0	#59 X-Ray Grou	4	
0102.COMP	5	3:51	01:10:58.9	+33:09:08	300	90	3.0	#59 X-Ray Grou	4	
0103.a119c_420	1200	3:54	01:09:08.0	01:07:15	300	90	3.0	#64 Cluster In	4	
0104.COMP	5	4:14	01:09:08.0	01:07:15	300	90	3.0	#64 Cluster In	4	
0105.a119c_439	900	4:15	00:51:14.0	00:20:53	300	90	3.0	#64 Cluster In	4	
0106.COMP	5	4:31	00:51:14.0	00:20:53	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
0107.a119c_441	900	4:32	00:49:55.1	-3:10:11	300	90	3.0	#64 Cluster In	4	
0108.COMP	5	4:47	00:49:55.1	-3:10:11	300	90	3.0	#64 Cluster In	4	
0109.a119c_466	1200	4:48	01:03:58.5	-1:40:25	300	90	3.0	#64 Cluster In	4	
0110.COMP	5	5:08	01:03:58.5	-1:40:25	300	90	3.0	#64 Cluster In	4	
0111.SN2000cx	1200	5:12	01:24:46.1	+09:30:30	300	30	3.0	#2 SN Observat	2	binby2
0112.COMP	12	5:32	01:24:46.1	+09:30:30	300	30	3.0	#2 SN Observat	2	
0113.SN2000eo	1200	5:36	03:09:08.2	-10:17:54	300	-4	3.0	#2 SN Observat	2	
0114.COMP	12	5:56	03:09:08.2	-10:17:54	300	-4	3.0	#2 SN Observat	2	
0115.021812p570104	360	6:00	02:18:12.1	+57:01:04	300	90	3.0	#83 h/chi Pers	4	binby4
0116.COMP	5	6:06	02:18:12.1	+57:01:04	300	90	3.0	#83 h/chi Pers	4	
0117.021816p565822	420	6:07	02:18:16.7	+56:58:22	300	90	3.0	#83 h/chi Pers	4	
0118.COMP	5	6:14	02:18:16.7	+56:58:22	300	90	3.0	#83 h/chi Pers	4	
0119.021817p571923	480	6:21	02:18:18.0	+57:19:23	300	90	3.0	#83 h/chi Pers	4	runaway
0120.COMP	5	6:29	02:18:18.0	+57:19:23	300	90	3.0	#83 h/chi Pers	4	
0121.021818p565947	480	6:30	02:18:18.3	+56:59:47	300	90	3.0	#83 h/chi Pers	4	
0122.COMP	5	6:38	02:18:18.3	+56:59:47	300	90	3.0	#83 h/chi Pers	4	
0123.021820p570003	480	6:39	02:18:20.0	+57:00:03	300	90	3.0	#83 h/chi Pers	4	runaway at end of exp
0124.COMP	5	6:47	02:18:20.0	+57:00:03	300	90	3.0	#83 h/chi Pers	4	
0125.021820p571634	480	6:48	02:18:20.3	+57:16:34	300	90	3.0	#83 h/chi Pers	4	
0126.COMP	5	6:56	02:18:20.3	+57:16:34	300	90	3.0	#83 h/chi Pers	4	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0127.021822p571916	480	6:57	02:18:22.4	+57:19:16	300	90	3.0	#83 h/chi Pers	4	
0128.COMP	5	7:05	02:18:22.4	+57:19:16	300	90	3.0	#83 h/chi Pers	4	
0129.021824p565713	480	7:06	02:18:24.8	+56:57:13	300	90	3.0	#83 h/chi Pers	4	close star E, starE, starW
0130.COMP	5	7:14	02:18:24.8	+56:57:13	300	90	3.0	#83 h/chi Pers	4	
0131.021827p571742	480	7:14	02:18:27.1	+57:17:42	300	90	3.0	#83 h/chi Pers	4	
0132.COMP	5	7:23	02:18:27.1	+57:17:42	300	90	3.0	#83 h/chi Pers	4	
0133.021831p571755	480	7:24	02:18:31.2	+57:17:55	300	90	3.0	#83 h/chi Pers	4	
0134.COMP	5	7:33	02:18:31.2	+57:17:55	300	90	3.0	#83 h/chi Pers	4	
0135.021832p571752	480	7:33	02:18:32.8	+57:17:52	300	90	3.0	#83 h/chi Pers	4	
0136.COMP	5	7:42	02:18:32.8	+57:17:52	300	90	3.0	#83 h/chi Pers	4	
0137.021837p572005	480	7:42	02:18:37.3	+57:20:05	300	90	3.0	#83 h/chi Pers	4	
0138.COMP	5	7:50	02:18:37.3	+57:20:05	300	90	3.0	#83 h/chi Pers	4	
0139.a496_259	900	7:53	04:25:22.1	-10:20:05	300	90	3.0	#64 Cluster In	4	runaway at end of exp
0140.COMP	5	8:09	04:25:22.1	-10:20:05	300	90	3.0	#64 Cluster In	4	
0141.a496_278	1200	8:11	04:35:50.5	-09:05:14	300	90	3.0	#64 Cluster In	4	star to W; em
0142.COMP	5	8:32	04:35:50.5	-09:05:14	300	90	3.0	#64 Cluster In	4	
0143.a496_309	480	8:33	04:33:37.9	-14:18:47	300	90	3.0	#64 Cluster In	4	
0144.COMP	5	8:41	04:33:37.9	-14:18:47	300	90	3.0	#64 Cluster In	4	
0145.a496_312	360	8:42	04:34:51.7	-14:04:09	300	90	3.0	#64 Cluster In	4	
0146.COMP	5	8:48	04:34:51.7	-14:04:09	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
0147.a496_320	480	8:49	04:41:34.9	-12:04:15	300	90	3.0	#64 Cluster In	4	star to W
0148.COMP	5	8:57	04:41:34.9	-12:04:15	300	90	3.0	#64 Cluster In	4	
0149.a496_323	600	8:58	04:26:06.7	-11:49:42	300	90	3.0	#64 Cluster In	4	
0150.COMP	5	9:09	04:26:06.7	-11:49:42	300	90	3.0	#64 Cluster In	4	
0151.vso118490	1020	9:10	5:54:58.1	1:13:58	300	90	3.0	#112 Orion PMS	4	
0152.COMP	5	9:27	5:54:58.1	1:13:58	300	90	3.0	#112 Orion PMS	4	
0153.vso119795	1020	9:28	5:55:39.2	1:23:03	300	90	3.0	#112 Orion PMS	4	
0154.COMP	5	9:45	5:55:39.2	1:23:03	300	90	3.0	#112 Orion PMS	4	
0155.vso120295	900	9:46	5:55:57.6	1:18:47	300	90	3.0	#112 Orion PMS	4	
0156.COMP	5	10:02	5:55:57.6	1:18:47	300	90	3.0	#112 Orion PMS	4	
0157.vso121125	1020	10:03	5:56:29.9	1:16:07	300	90	3.0	#112 Orion PMS	4	runaway 11 min into exp
0158.COMP	5	10:20	5:56:29.9	1:16:07	300	90	3.0	#112 Orion PMS	4	
0159.vso121541	1020	10:21	5:56:43.1	1:09:14	300	90	3.0	#112 Orion PMS	4	
0160.COMP	5	10:38	5:56:43.1	1:09:14	300	90	3.0	#112 Orion PMS	4	
0161.vso121769	1020	10:39	5:56:53.2	1:05:16	300	90	3.0	#112 Orion PMS	4	
0162.COMP	5	10:57	5:56:53.2	1:05:16	300	90	3.0	#112 Orion PMS	4	
0163.vso122248	900	10:57	5:57:09.8	1:23:33	300	90	3.0	#112 Orion PMS	4	
0164.COMP	5	11:13	5:57:09.8	1:23:33	300	90	3.0	#112 Orion PMS	4	
0165.vso122709	900	11:14	5:57:24.2	1:05:08	300	90	3.0	#112 Orion PMS	4	
0166.COMP	5	11:29	5:57:24.2	1:05:08	300	90	3.0	#112 Orion PMS	4	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0167.vso124569	900	11:30	5:58:13.6	1:15:33	300	90	3.0	#112 Orion PMS	4	
0168.COMP	5	11:45	5:58:13.6	1:15:33	300	90	3.0	#112 Orion PMS	4	
0169.BGGem	180	11:47	6:03:31	27:41:50	300	90	3.0	#100 BGGem	2	binby2
0170.BGGem	900	11:50	6:03:31	27:41:50	300	90	3.0	#100 BGGem	2	
0171.COMP	12	12:05	6:03:31	27:41:50	300	90	3.0	#100 BGGem	2	
0172.cs3258	900	12:08	12:21:53.4	29:05:19	300	90	3.0	#114 Galaxy LF	4	binby4
0173.COMP	5	12:24	12:21:53.4	29:05:19	300	90	3.0	#114 Galaxy LF	4	
0174.cs1112	1200	12:25	12:38:47.6	28:50:30	300	90	3.0	#114 Galaxy LF	4	
0175.COMP	5	12:46	12:38:47.6	28:50:30	300	90	3.0	#114 Galaxy LF	4	
0176.2M074053.9p031026	240	12:47	07:40:53.8	+03:10:26	300	90	3.0	#68 2MASS Reds	4	
0177.COMP	5	12:52	07:40:53.8	+03:10:26	300	90	3.0	#68 2MASS Reds	4	
0178.2M074125.0p184345	120	12:53	07:41:25.0	+18:43:45	300	90	3.0	#68 2MASS Reds	4	
0179.COMP	5	12:55	07:41:25.0	+18:43:45	300	90	3.0	#68 2MASS Reds	4	
0180.2M074410.8p091405	200	12:56	07:44:10.7	+09:14:05	300	90	3.0	#68 2MASS Reds	4	
0181.COMP	5	13:00	07:44:10.7	+09:14:05	300	90	3.0	#68 2MASS Reds	4	
0182.2M074452.8m002130	200	13:01	07:44:52.7	-00:21:30	300	90	3.0	#68 2MASS Reds	4	
0183.COMP	5	13:04	07:44:52.7	-00:21:30	300	90	3.0	#68 2MASS Reds	4	
0184.Feige34	90	13:07	10:39:36.7	+43:06:09	300	20	3.0	#56 Photometri	2	binby2
0185.COMP	12	13:09	10:39:36.7	+43:06:09	300	20	3.0	#56 Photometri	2	
0186.Feige34	90	13:09	10:39:36.7	+43:06:09	300	20	3.0	#56 Photometri	4	binby4

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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>
0187.COMP	5	13:11	10:39:36.7	+43:06:09	300	20	3.0	#56 Photometri	4	
0188-0197.BIAS	0	13:17	10:39:36.7	+43:06:09	300	90	3.0	#56 Photometri	4	
0198-0207.FLAT	6	13:20	10:39:36.7	+43:06:09	300	90	3.0	#56 Photometri	4	
0208.BIAS	0	13:21	10:39:36.7	+43:06:09	300	90	3.0	#56 Photometri	2	binby2
0209-0217.BIAS	0	13:24	10:39:36.7	+43:06:09	300	90	3.0	#56 Photometri	2	
0218.FLAT	12	13:24	10:39:36.7	+43:06:09	300	90	3.0	#56 Photometri	2	cirrus to E at dawn
0219-0227.FLAT	12	13:29	10:39:36.7	+43:06:09	300	90	3.0	#56 Photometri	2	
0228-0237.DARK	900	15:47	10:39:36.7	+43:06:09	300	90	3.0	#56 Photometri	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001-0010.DARK	900	0:10	10:39:36.7	+43:06:09	300	90	3.0	#56 Photometri	4	
0011-0020.BIAS	0	0:27	10:39:36.7	+43:06:09	300	90	3.0	#56 Photometri	4	
0021-0030.FLAT	6	0:29	10:39:36.7	+43:06:09	300	90	3.0	#56 Photometri	4	
0031.BIAS	0	0:30	10:39:36.7	+43:06:09	300	90	3.0	#56 Photometri	2	binby2
0032-0040.BIAS	0	0:32	10:39:36.7	+43:06:09	300	90	3.0	#56 Photometri	2	
0041-0050.FLAT	12	0:37	10:39:36.7	+43:06:09	300	90	3.0	#56 Photometri	2	
0051.sky	2	0:47	21:58:0	31:30:05	300	90	3.0	#56 Photometri	4	binby4
0052-0055.sky	2	0:48	21:58:0	31:30:05	300	90	3.0	#56 Photometri	4	
0056.COMP	5	0:49	21:58:0	31:30:05	300	90	3.0	#56 Photometri	4	
0057.BDp284211	30	1:07	21:51:11.0	+28:51:50	300	90	3.0	#56 Photometri	4	
0058.COMP	5	1:08	21:51:11.0	+28:51:50	300	90	3.0	#56 Photometri	4	
0059.BDp284211	60	1:09	21:51:11.0	+28:51:50	300	90	3.0	#56 Photometri	2	binby2
0060.COMP	12	1:10	21:51:11.0	+28:51:50	300	90	3.0	#56 Photometri	2	
0061.N7331	180	1:12	22:34:46.9	+34:09:43	300	90	3.0	#57 Velocity S	4	binby4
0062.COMP	5	1:15	22:34:46.9	+34:09:43	300	90	3.0	#57 Velocity S	4	
0063.id2560	600	1:25	20:04:05.8	35:46:07	300	90	3.0	#115 PMS NGC68	4	runaway; cirrus moved in
0064.COMP	5	1:35	20:04:05.8	35:46:07	300	90	3.0	#115 PMS NGC68	4	
0065.srgb090.121	600	1:39	01:11:07.8	+33:13:32	300	90	3.0	#59 X-Ray Grou	4	runaway
0066.COMP	5	1:49	01:11:07.8	+33:13:32	300	90	3.0	#59 X-Ray Grou	4	
0067.srgb090.122	480	1:51	01:11:11.5	+32:42:02	300	90	3.0	#59 X-Ray Grou	4	

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0068.COMP	5	1:59	01:11:11.5	+32:42:02	300	90	3.0	#59 X-Ray Grou	4	
0069.srgb090.125	480	2:00	01:11:17.6	+33:06:45	300	90	3.0	#59 X-Ray Grou	4	
0070.COMP	5	2:08	01:11:17.6	+33:06:45	300	90	3.0	#59 X-Ray Grou	4	
0071.srgb090.125SE	480	2:09	01:11:17.6	+33:06:45	300	90	3.0	#59 X-Ray Grou	4	
0072.COMP	5	2:17	01:11:17.6	+33:06:45	300	90	3.0	#59 X-Ray Grou	4	
0073.srgb090.126	360	2:18	01:11:18.7	+31:53:16	300	90	3.0	#59 X-Ray Grou	4	
0074.COMP	5	2:25	01:11:18.7	+31:53:16	300	90	3.0	#59 X-Ray Grou	4	
0075.srgb090.132	360	2:26	01:11:41.2	+33:31:10	300	90	3.0	#59 X-Ray Grou	4	
0076.COMP	5	2:33	01:11:41.2	+33:31:10	300	90	3.0	#59 X-Ray Grou	4	
0077.SN2000ey	900	2:43	23:19:25.2	+05:54:21	300	20	3.0	#2 SN Observat	2	binby2; runaway
0078.COMP	12	2:58	23:19:25.2	+05:54:21	300	20	3.0	#2 SN Observat	2	
0079.srgb090.133	400	3:09	01:11:51.5	+31:33:29	300	90	3.0	#59 X-Ray Grou	4	binby4; dome problems
0080.COMP	5	3:16	01:11:51.5	+31:33:29	300	90	3.0	#59 X-Ray Grou	4	
0081.srgb090.134	360	3:17	01:11:56.5	+32:27:59	300	90	3.0	#59 X-Ray Grou	4	
0082.COMP	5	3:23	01:11:56.5	+32:27:59	300	90	3.0	#59 X-Ray Grou	4	
0083.srgb090.135	480	3:24	01:12:05.1	+32:04:36	300	90	3.0	#59 X-Ray Grou	4	
0084.COMP	5	3:32	01:12:05.1	+32:04:36	300	90	3.0	#59 X-Ray Grou	4	
0085.srgb090.136	180	3:33	01:12:09.8	+32:07:21	300	90	3.0	#59 X-Ray Grou	4	
0086.COMP	5	3:36	01:12:09.8	+32:07:21	300	90	3.0	#59 X-Ray Grou	4	
0087.srgb090.137	360	3:37	01:12:10.7	+32:00:10	300	90	3.0	#59 X-Ray Grou	4	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0088.COMP	5	3:43	01:12:10.7	+32:00:10	300	90	3.0	#59 X-Ray Grou	4	
0089.srgb090.138	480	3:44	01:12:10.9	+31:48:20	300	90	3.0	#59 X-Ray Grou	4	
0090.COMP	5	3:52	01:12:10.9	+31:48:20	300	90	3.0	#59 X-Ray Grou	4	
0091.SN2000eo	1200	3:57	03:09:08.2	-10:17:54	300	-30	3.0	#2 SN Observat	2	binby2
0092.COMP	12	4:18	03:09:08.2	-10:17:54	300	-30	3.0	#2 SN Observat	2	
0093.021841p571739	480	4:21	02:18:41.6	+57:17:39	300	90	3.0	#83 h/chi Pers	4	binby4
0094.COMP	5	4:29	02:18:41.6	+57:17:39	300	90	3.0	#83 h/chi Pers	4	
0095.021842p571730	480	4:30	02:18:42.4	+57:17:30	300	90	3.0	#83 h/chi Pers	4	
0096.COMP	5	4:38	02:18:42.4	+57:17:30	300	90	3.0	#83 h/chi Pers	4	
0097.021842p572043	480	4:39	02:18:42.7	+57:20:43	300	90	3.0	#83 h/chi Pers	4	
0098.COMP	5	4:47	02:18:42.7	+57:20:43	300	90	3.0	#83 h/chi Pers	4	
0099.021844p571725	600	4:48	02:18:44.1	+57:17:25	300	90	3.0	#83 h/chi Pers	4	
0100.COMP	5	4:58	02:18:44.1	+57:17:25	300	90	3.0	#83 h/chi Pers	4	
0101.021853p571735	480	4:58	02:18:53.7	+57:17:35	300	90	3.0	#83 h/chi Pers	4	
0102.COMP	5	5:07	02:18:53.7	+57:17:35	300	90	3.0	#83 h/chi Pers	4	
0103.021857p571945	600	5:07	02:18:57.4	+57:19:45	300	90	3.0	#83 h/chi Pers	4	
0104.COMP	5	5:18	02:18:57.4	+57:19:45	300	90	3.0	#83 h/chi Pers	4	
0105.021858p572030	600	5:18	02:18:58.2	+57:20:30	300	90	3.0	#83 h/chi Pers	2	binby2; close comp to W
0106.COMP	12	5:29	02:18:58.2	+57:20:30	300	90	3.0	#83 h/chi Pers	2	
0107.021902p565844	480	5:30	02:19:02.1	+56:58:44	300	90	3.0	#83 h/chi Pers	4	binby4

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0108.COMP	5	5:38	02:19:02.1	+56:58:44	300	90	3.0	#83 h/chi Pers	4	
0109.021901p565803SW	360	5:39	02:19:01.9	+56:58:03	300	90	3.0	#83 h/chi Pers	4	
0110.COMP	5	5:45	02:19:01.9	+56:58:03	300	90	3.0	#83 h/chi Pers	4	
0111.021901p565803NE	360	5:45	02:19:01.9	+56:58:03	300	90	3.0	#83 h/chi Pers	4	
0112.COMP	5	5:52	02:19:01.9	+56:58:03	300	90	3.0	#83 h/chi Pers	4	
0113.021908p565751	360	5:53	02:19:08.1	+56:57:51	300	90	3.0	#83 h/chi Pers	4	
0114.COMP	5	5:59	02:19:08.1	+56:57:51	300	90	3.0	#83 h/chi Pers	4	
0115.021913p565737	480	6:00	02:19:13.6	+56:57:37	300	90	3.0	#83 h/chi Pers	2	
0116.COMP	12	6:09	02:19:13.6	+56:57:37	300	90	3.0	#83 h/chi Pers	2	
0117.021913p565755	360	6:10	02:19:13.7	+56:57:55	300	90	3.0	#83 h/chi Pers	4	
0118.COMP	5	6:16	02:19:13.7	+56:57:55	300	90	3.0	#83 h/chi Pers	4	
0119.021926p572109	360	6:17	02:19:26.8	+57:21:09	300	90	3.0	#83 h/chi Pers	4	
0120.COMP	5	6:23	02:19:26.8	+57:21:09	300	90	3.0	#83 h/chi Pers	4	
0121.021928p571623	360	6:24	02:19:28.1	+57:16:23	300	90	3.0	#83 h/chi Pers	4	
0122.COMP	5	6:30	02:19:28.1	+57:16:23	300	90	3.0	#83 h/chi Pers	4	
0123.021934p571923	360	6:31	02:19:34.2	+57:19:23	300	90	3.0	#83 h/chi Pers	4	
0124.COMP	5	6:37	02:19:34.2	+57:19:23	300	90	3.0	#83 h/chi Pers	4	
0125.021942p571658	480	6:38	02:19:43.0	+57:16:58	300	90	3.0	#83 h/chi Pers	4	
0126.COMP	5	6:46	02:19:43.0	+57:16:58	300	90	3.0	#83 h/chi Pers	4	
0127.021943p570052	360	6:47	02:19:43.2	+57:00:52	300	90	3.0	#83 h/chi Pers	4	star W

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0128.COMP	5	6:53	02:19:43.2	+57:00:52	300	90	3.0	#83 h/chi Pers	4	
0129.021944p571931	360	7:01	02:19:44.8	+57:19:31	300	90	3.0	#83 h/chi Pers	4	
0130.COMP	5	7:07	02:19:44.8	+57:19:31	300	90	3.0	#83 h/chi Pers	4	
0131.021949p571736	480	7:08	02:19:49.7	+57:17:36	300	90	3.0	#83 h/chi Pers	4	starE=021950p571736
0132.COMP	5	7:16	02:19:49.7	+57:17:36	300	90	3.0	#83 h/chi Pers	4	
0133.021955p565801	360	7:17	02:19:55.9	+56:58:01	300	90	3.0	#83 h/chi Pers	4	
0134.COMP	5	7:23	02:19:55.9	+56:58:01	300	90	3.0	#83 h/chi Pers	4	
0135.021957p565809	360	7:24	02:19:57.5	+56:58:09	300	90	3.0	#83 h/chi Pers	4	
0136.COMP	5	7:30	02:19:57.5	+56:58:09	300	90	3.0	#83 h/chi Pers	4	
0137.021955p570036	360	7:31	02:19:55.8	+57:00:36	300	90	3.0	#83 h/chi Pers	4	bright star E
0138.COMP	5	7:37	02:19:55.8	+57:00:36	300	90	3.0	#83 h/chi Pers	4	
0139.021959p570252	360	7:38	02:19:59.9	+57:02:52	300	90	3.0	#83 h/chi Pers	4	
0140.COMP	5	7:45	02:19:59.9	+57:02:52	300	90	3.0	#83 h/chi Pers	4	
0141.022001p570454	360	7:45	02:20:01.4	+57:04:54	300	90	3.0	#83 h/chi Pers	4	
0142.COMP	5	7:52	02:20:01.4	+57:04:54	300	90	3.0	#83 h/chi Pers	4	
0143.a496_324	480	7:54	04:33:28.0	-14:48:03	300	90	3.0	#64 Cluster In	4	
0144.COMP	5	8:02	04:33:28.0	-14:48:03	300	90	3.0	#64 Cluster In	4	
0145.a496_335	480	8:04	04:30:59.8	-11:13:20	300	90	3.0	#64 Cluster In	4	
0146.COMP	5	8:12	04:30:59.8	-11:13:20	300	90	3.0	#64 Cluster In	4	
0147.a496_339	480	8:13	04:35:26.5	-11:51:33	300	90	3.0	#64 Cluster In	4	

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0148.COMP	5	8:21	04:35:26.5	-11:51:33	300	90	3.0	#64 Cluster In	4	
0149.a496_341	600	8:22	04:29:23.2	-11:11:15	300	90	3.0	#64 Cluster In	4	
0150.COMP	5	8:32	04:29:23.2	-11:11:15	300	90	3.0	#64 Cluster In	4	
0151.a496_344	300	8:33	04:26:59.1	-11:58:02	300	90	3.0	#64 Cluster In	4	
0152.COMP	5	8:38	04:26:59.1	-11:58:02	300	90	3.0	#64 Cluster In	4	
0153.a496_348	480	8:39	04:29:44.8	-13:58:30	300	90	3.0	#64 Cluster In	4	
0154.COMP	5	8:47	04:29:44.8	-13:58:30	300	90	3.0	#64 Cluster In	4	
0155.a496_356	720	8:48	04:28:12.8	-12:00:25	300	90	3.0	#64 Cluster In	4	gal to W
0156.COMP	5	9:01	04:28:12.8	-12:00:25	300	90	3.0	#64 Cluster In	4	
0157.a496_357	480	9:02	04:41:42.6	-14:55:51	300	90	3.0	#64 Cluster In	4	
0158.COMP	5	9:10	04:41:42.6	-14:55:51	300	90	3.0	#64 Cluster In	4	
0159.a496_360	900	9:12	04:32:14.8	-11:00:10	300	90	3.0	#64 Cluster In	4	
0160.COMP	5	9:27	04:32:14.8	-11:00:10	300	90	3.0	#64 Cluster In	4	
0161.vso124599	900	9:28	5:58:15.4	1:23:40	300	90	3.0	#112 Orion PMS	4	
0162.COMP	5	9:44	5:58:15.4	1:23:40	300	90	3.0	#112 Orion PMS	4	
0163.vso127472	720	9:44	5:59:48.0	1:04:15	300	90	3.0	#112 Orion PMS	4	
0164.COMP	5	9:57	5:59:48.0	1:04:15	300	90	3.0	#112 Orion PMS	4	
0165.vso127503	720	9:58	5:59:48.5	1:17:54	300	90	3.0	#112 Orion PMS	4	
0166.COMP	5	10:10	5:59:48.5	1:17:54	300	90	3.0	#112 Orion PMS	4	
0167.vso127793	720	10:11	5:59:57.4	1:19:55	300	90	3.0	#112 Orion PMS	4	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0168.COMP	5	10:23	5:59:57.4	1:19:55	300	90	3.0	#112 Orion PMS	4	
0169.2M064535.6p532713	240	10:25	06:45:35.6	+53:27:13	300	90	3.0	#68 2MASS Reds	4	
0170.COMP	5	10:29	06:45:35.6	+53:27:13	300	90	3.0	#68 2MASS Reds	4	
0171.2M063121.3p584705	180	10:30	06:31:21.3	+58:47:05	300	90	3.0	#68 2MASS Reds	4	runaway
0172.COMP	5	10:33	06:31:21.3	+58:47:05	300	90	3.0	#68 2MASS Reds	4	
0173.2M063915.1p764814	420	10:36	06:39:15.1	+76:48:14	300	90	3.0	#68 2MASS Reds	4	
0174.COMP	5	10:43	06:39:15.1	+76:48:14	300	90	3.0	#68 2MASS Reds	4	
0175.2M055936.3p425805	150	10:45	05:59:36.3	+42:58:05	300	90	3.0	#68 2MASS Reds	4	
0176.COMP	5	10:48	05:59:36.3	+42:58:05	300	90	3.0	#68 2MASS Reds	4	
0177.2M060429.5p413032	300	10:49	06:04:29.4	+41:30:32	300	90	3.0	#68 2MASS Reds	4	
0178.COMP	5	10:54	06:04:29.4	+41:30:32	300	90	3.0	#68 2MASS Reds	4	
0179.2M061241.9p384201	300	10:55	06:12:41.8	+38:42:01	300	90	3.0	#68 2MASS Reds	4	
0180.COMP	5	11:00	06:12:41.8	+38:42:01	300	90	3.0	#68 2MASS Reds	4	
0181.2M060201.5p483600	240	11:01	06:02:01.5	+48:36:00	300	90	3.0	#68 2MASS Reds	4	
0182.COMP	5	11:06	06:02:01.5	+48:36:00	300	90	3.0	#68 2MASS Reds	4	
0183.2M060159.1p512314	180	11:06	06:01:59.1	+51:23:14	300	90	3.0	#68 2MASS Reds	4	
0184.COMP	5	11:10	06:01:59.1	+51:23:14	300	90	3.0	#68 2MASS Reds	4	
0185.2M060604.8p502630	300	11:11	06:06:04.8	+50:26:30	300	90	3.0	#68 2MASS Reds	4	
0186.COMP	5	11:16	06:06:04.8	+50:26:30	300	90	3.0	#68 2MASS Reds	4	
0187.2M061158.9p490027	180	11:17	06:11:58.8	+49:00:27	300	90	3.0	#68 2MASS Reds	4	

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0188.COMP	5	11:20	06:11:58.8	+49:00:27	300	90	3.0	#68 2MASS Reds	4	
0189.2M061205.1p502218	180	11:21	06:12:05.0	+50:22:18	300	90	3.0	#68 2MASS Reds	4	
0190.COMP	5	11:24	06:12:05.0	+50:22:18	300	90	3.0	#68 2MASS Reds	4	
0191.cs3013	900	11:25	8:41:31.9	29:03:59	300	90	3.0	#114 Galaxy LF	4	star W
0192.COMP	5	11:41	8:41:31.9	29:03:59	300	90	3.0	#114 Galaxy LF	4	
0193.cs3039	1200	11:42	8:50:08.6	29:33:02	300	90	3.0	#114 Galaxy LF	4	runaway; low S/N
0194.COMP	5	12:02	8:50:08.6	29:33:02	300	90	3.0	#114 Galaxy LF	4	
0195.cs3242	1200	12:05	12:14:06.0	28:56:39	300	90	3.0	#114 Galaxy LF	4	
0196.COMP	5	12:25	12:14:06.0	28:56:39	300	90	3.0	#114 Galaxy LF	4	
0197.cs3248	1020	12:27	12:18:02.8	29:24:39	300	90	3.0	#114 Galaxy LF	4	
0198.COMP	5	12:44	12:18:02.8	29:24:39	300	90	3.0	#114 Galaxy LF	4	
0199.SN2000ew	900	12:48	11:40:58.5	+11:27:55	300	-40	3.0	#2 SN Observat	2	binby2
0200.COMP	12	13:03	11:40:58.5	+11:27:55	300	-40	3.0	#2 SN Observat	2	
0201.Feige34	90	13:10	10:39:36.7	+43:06:09	300	20	3.0	#56 Photometri	2	
0202.COMP	12	13:12	10:39:36.7	+43:06:09	300	20	3.0	#56 Photometri	2	
0203.Feige34	90	13:13	10:39:36.7	+43:06:09	300	20	3.0	#56 Photometri	4	binby4
0204.COMP	5	13:15	10:39:36.7	+43:06:09	300	20	3.0	#56 Photometri	4	
0205-0214.BIAS	0	13:19	10:39:36.7	+43:06:09	300	20	3.0	#56 Photometri	4	
0215-0224.FLAT	6	13:22	10:39:36.7	+43:06:09	300	20	3.0	#56 Photometri	4	
0225.BIAS	0	13:22	10:39:36.7	+43:06:09	300	20	3.0	#56 Photometri	2	binby2

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0226-0234.BIAS	0	13:24	10:39:36.7	+43:06:09	300	20	3.0	#56 Photometri	2	
0235.FLAT	12	13:25	10:39:36.7	+43:06:09	300	20	3.0	#56 Photometri	2	cirrus at dawn
0236-0244.FLAT	12	13:29	10:39:36.7	+43:06:09	300	20	3.0	#56 Photometri	2	
0245-0254.DARK	900	16:03	10:39:36.7	+43:06:09	300	90	3.0	#56 Photometri	2	