

UT Date 2000-12-02 Observers HuchraColl. Focus 1000 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001-0005.BIAS	0	4:35	02:41:34.8	+07:11:13	300	90	3.0	#68 2MASS Reds	4	
0006.COMP	5	4:38	02:41:34.8	+07:11:13	300	90	3.0	#68 2MASS Reds	4	
0007.2M024134.9p071113	400	5:54	02:41:34.8	+07:11:13	300	90	3.0	#68 2MASS Reds	4	
0008.COMP	5	6:01	02:41:34.8	+07:11:13	300	90	3.0	#68 2MASS Reds	4	
0009.2M025554.2p101424	195	6:55	02:55:54.2	+10:14:24	300	90	3.0	#68 2MASS Reds	4	stopped by clouds
0010.2M025554.2p101424	500	7:03	02:55:54.2	+10:14:24	300	90	3.0	#68 2MASS Reds	4	
0011.COMP	5	7:12	02:55:54.2	+10:14:24	300	90	3.0	#68 2MASS Reds	4	through clouds
0012.2M042117.2m095645	600	7:23	04:21:17.2	-09:56:45	300	90	3.0	#68 2MASS Reds	4	
0013.COMP	5	7:33	04:21:17.2	-09:56:45	300	90	3.0	#68 2MASS Reds	4	
0014.2M043325.4m041555	420	7:38	04:33:25.3	-04:15:55	300	90	3.0	#68 2MASS Reds	4	
0015.COMP	5	7:46	04:33:25.3	-04:15:55	300	90	3.0	#68 2MASS Reds	4	
0016.2M043325.4m041555	400	7:47	04:33:25.3	-04:15:55	300	90	3.0	#68 2MASS Reds	4	
0017.COMP	5	7:54	04:33:25.3	-04:15:55	300	90	3.0	#68 2MASS Reds	4	
0018.2M043249.7m060131	300	7:57	04:32:49.6	-06:01:31	300	90	3.0	#68 2MASS Reds	4	
0019.COMP	5	8:03	04:32:49.6	-06:01:31	300	90	3.0	#68 2MASS Reds	4	
0020.2M043519.5m072419	360	8:04	04:35:19.4	-07:24:19	300	90	3.0	#68 2MASS Reds	4	
0021.COMP	5	8:11	04:35:19.4	-07:24:19	300	90	3.0	#68 2MASS Reds	4	
0022-0026.BIAS	0	11:35	08:57:35.0	31:30:44	300	90	3.0	#68 2MASS Reds	1	
0027-0033.FLAT	6	11:38	09:01:12.0	31:30:44	300	90	3.0	#68 2MASS Reds	1	
0034-0036.FLAT	6	11:40	09:02:35.0	31:30:45	300	90	3.0	#68 2MASS Reds	1	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001.BIAS	0	0:23	21:47:46.0	31:30:03	300	90	3.0	#68 2MASS Reds	4	binby4
0002-0005.BIAS	0	0:23	21:48:17.0	31:30:03	300	90	3.0	#68 2MASS Reds	4	
0006-0020.FLAT	8	0:28	21:52:50.0	31:30:03	300	90	3.0	#68 2MASS Reds	4	
0021-0025.BIAS	0	0:31	21:55:40.0	31:30:03	300	90	3.0	#68 2MASS Reds	4	
0026.DARK	600	0:31	22:05:56.0	31:30:02	300	90	3.0	#68 2MASS Reds	4	
0027-0031.BIAS	0	0:42	22:06:49.0	31:30:02	300	90	3.0	#68 2MASS Reds	4	
0032.SKY	400	1:06	22:38:02.0	31:30:02	300	90	3.0	#68 2MASS Reds	4	
0033.COMP	5	1:14	22:39:21.0	31:30:02	300	90	3.0	#68 2MASS Reds	4	
0034.2M033555.1m025157	240	5:11	03:35:55.0	-02:51:57	300	90	3.0	#68 2MASS Reds	4	
0035.COMP	5	5:16	03:35:55.0	-02:51:57	300	90	3.0	#68 2MASS Reds	4	
0036.2M034017.1p100318	420	5:22	03:40:17.1	+10:03:18	300	90	3.0	#68 2MASS Reds	4	
0037.COMP	5	5:30	03:40:17.1	+10:03:18	300	90	3.0	#68 2MASS Reds	4	
0038.2M034017.1p100318	420	5:37	03:40:17.1	+10:03:18	300	90	3.0	#68 2MASS Reds	4	
0039.COMP	5	5:45	03:40:17.1	+10:03:18	300	90	3.0	#68 2MASS Reds	4	clouds
0040.2M034017.1p100318	400	5:50	03:40:17.1	+10:03:18	300	90	3.0	#68 2MASS Reds	4	
0041.COMP	5	5:57	03:40:17.1	+10:03:18	300	90	3.0	#68 2MASS Reds	4	
0042.2M034026.0p100427	420	6:00	03:40:26.0	+10:04:27	300	90	3.0	#68 2MASS Reds	4	
0043.COMP	5	6:07	03:40:26.0	+10:04:27	300	90	3.0	#68 2MASS Reds	4	
0044.2M032313.8p074417	420	6:11	03:23:13.7	+07:44:17	300	90	3.0	#68 2MASS Reds	4	
0045.COMP	5	6:18	03:23:13.7	+07:44:17	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
0046.2M024545.4p054821	240	6:20	02:45:45.3	+05:48:21	300	90	3.0	#68 2MASS Reds	4	
0047.COMP	5	6:25	02:45:45.3	+05:48:21	300	90	3.0	#68 2MASS Reds	4	
0048.2M024712.2p053953	300	6:28	02:47:12.2	+05:39:53	300	90	3.0	#68 2MASS Reds	4	
0049.COMP	5	6:34	02:47:12.2	+05:39:53	300	90	3.0	#68 2MASS Reds	4	
0050.2M025350.6p083937	180	6:35	02:53:50.6	+08:39:37	300	90	3.0	#68 2MASS Reds	4	
0051.COMP	5	6:38	02:53:50.6	+08:39:37	300	90	3.0	#68 2MASS Reds	4	
0052.2M025510.8p092013	200	6:40	02:55:10.7	+09:20:13	300	90	3.0	#68 2MASS Reds	4	
0053.COMP	5	6:44	02:55:10.7	+09:20:13	300	90	3.0	#68 2MASS Reds	4	
0054.2M025948.9p033413	240	6:46	02:59:48.8	+03:34:13	300	90	3.0	#68 2MASS Reds	4	
0055.COMP	5	6:50	02:59:48.8	+03:34:13	300	90	3.0	#68 2MASS Reds	4	
0056.2M030719.4p042807	150	6:52	03:07:19.3	+04:28:07	300	90	3.0	#68 2MASS Reds	4	
0057.COMP	5	6:55	03:07:19.3	+04:28:07	300	90	3.0	#68 2MASS Reds	4	
0058.2M030804.1p055538	180	6:56	03:08:04.1	+05:55:38	300	90	3.0	#68 2MASS Reds	4	
0059.COMP	5	6:59	03:08:04.1	+05:55:38	300	90	3.0	#68 2MASS Reds	4	
0060.2M030833.9p035420	180	7:01	03:08:33.9	+03:54:20	300	90	3.0	#68 2MASS Reds	4	
0061.COMP	5	7:05	03:08:33.9	+03:54:20	300	90	3.0	#68 2MASS Reds	4	
0062.2M031605.9m020450	240	7:38	03:16:05.8	-02:04:50	300	90	3.0	#68 2MASS Reds	4	
0063.COMP	5	7:42	03:16:05.8	-02:04:50	300	90	3.0	#68 2MASS Reds	4	clouds again
0064.2M031605.9m020450	180	7:43	03:16:05.8	-02:04:50	300	90	3.0	#68 2MASS Reds	4	
0065.COMP	5	7:47	03:16:05.8	-02:04:50	300	90	3.0	#68 2MASS Reds	4	

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0066.2M032214.5p093406	240	7:49	03:22:14.5	+09:34:06	300	90	3.0	#68 2MASS Reds	4	
0067.COMP	5	7:53	03:22:14.5	+09:34:06	300	90	3.0	#68 2MASS Reds	4	
0068.2M032402.0p100426	150	7:55	03:24:01.9	+10:04:26	300	90	3.0	#68 2MASS Reds	4	
0069.COMP	5	7:58	03:24:01.9	+10:04:26	300	90	3.0	#68 2MASS Reds	4	
0070.2M032754.2p023342	240	7:59	03:27:54.2	+02:33:42	300	90	3.0	#68 2MASS Reds	4	
0071.COMP	5	8:04	03:27:54.2	+02:33:42	300	90	3.0	#68 2MASS Reds	4	
0072.2M033012.7p083504	180	8:06	03:30:12.7	+08:35:04	300	90	3.0	#68 2MASS Reds	4	
0073.COMP	5	8:09	03:30:12.7	+08:35:04	300	90	3.0	#68 2MASS Reds	4	
0074.2M033017.6p083854	240	8:10	03:30:17.6	+08:38:54	300	90	3.0	#68 2MASS Reds	4	
0075.COMP	5	8:15	03:30:17.6	+08:38:54	300	90	3.0	#68 2MASS Reds	4	
0076.2M033500.0p070358	200	8:17	03:35:00.0	+07:03:58	300	90	3.0	#68 2MASS Reds	4	
0077.COMP	5	8:21	03:35:00.0	+07:03:58	300	90	3.0	#68 2MASS Reds	4	
0078.2M034841.8p042603	200	8:23	03:48:41.7	+04:26:03	300	90	3.0	#68 2MASS Reds	4	
0079.COMP	5	8:27	03:48:41.7	+04:26:03	300	90	3.0	#68 2MASS Reds	4	
0080.2M035131.3p011123	150	8:29	03:51:31.3	+01:11:23	300	90	3.0	#68 2MASS Reds	4	
0081.COMP	5	8:31	03:51:31.3	+01:11:23	300	90	3.0	#68 2MASS Reds	4	
0082.2M035433.3m025504	120	8:35	03:54:33.2	-02:55:04	300	90	3.0	#68 2MASS Reds	4	
0083.COMP	5	8:37	03:54:33.2	-02:55:04	300	90	3.0	#68 2MASS Reds	4	
0084.2M040515.6p084412	160	8:39	04:05:15.5	+08:44:12	300	90	3.0	#68 2MASS Reds	4	
0085.COMP	5	8:42	04:05:15.5	+08:44:12	300	90	3.0	#68 2MASS Reds	4	

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0086.2M040557.2p070054	200	8:43	04:05:57.2	+07:00:54	300	90	3.0	#68 2MASS Reds	4	
0087.COMP	5	8:47	04:05:57.2	+07:00:54	300	90	3.0	#68 2MASS Reds	4	
0088.2M040818.6p035350	150	8:48	04:08:18.6	+03:53:50	300	90	3.0	#68 2MASS Reds	4	
0089.COMP	5	8:51	04:08:18.6	+03:53:50	300	90	3.0	#68 2MASS Reds	4	
0090.2M041817.4p031023	200	8:55	04:18:17.4	+03:10:23	300	90	3.0	#68 2MASS Reds	4	
0091.COMP	5	8:59	04:18:17.4	+03:10:23	300	90	3.0	#68 2MASS Reds	4	
0092.2M042217.0p032847	180	9:01	04:22:16.9	+03:28:47	300	90	3.0	#68 2MASS Reds	4	
0093.COMP	5	9:04	04:22:16.9	+03:28:47	300	90	3.0	#68 2MASS Reds	4	
0094.2M042350.4p024418	200	9:05	04:23:50.4	+02:44:18	300	90	3.0	#68 2MASS Reds	4	
0095.COMP	5	9:09	04:23:50.4	+02:44:18	300	90	3.0	#68 2MASS Reds	4	
0096.2M042823.5m061752	150	9:12	04:28:23.4	-06:17:52	300	90	3.0	#68 2MASS Reds	4	
0097.COMP	5	9:15	04:28:23.4	-06:17:52	300	90	3.0	#68 2MASS Reds	4	
0098.2M052332.4p511616	200	9:21	05:23:32.3	+51:16:16	300	90	3.0	#68 2MASS Reds	4	
0099.COMP	5	9:26	05:23:32.3	+51:16:16	300	90	3.0	#68 2MASS Reds	4	
0100.2M052311.0p482252	160	9:28	05:23:10.9	+48:22:52	300	90	3.0	#68 2MASS Reds	4	
0101.COMP	5	9:32	05:23:10.9	+48:22:52	300	90	3.0	#68 2MASS Reds	4	
0102.2M052428.5p484056	250	9:33	05:24:28.4	+48:40:56	300	90	3.0	#68 2MASS Reds	4	
0103.COMP	5	9:38	05:24:28.4	+48:40:56	300	90	3.0	#68 2MASS Reds	4	
0104.2M052508.2p322102	280	9:40	05:25:08.1	+32:21:02	300	90	3.0	#68 2MASS Reds	4	
0105.COMP	5	9:47	05:25:08.1	+32:21:02	300	90	3.0	#68 2MASS Reds	4	

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0106.2M052508.2p322102	300	9:48	05:25:08.1	+32:21:02	300	90	3.0	#68 2MASS Reds	4	
0107.COMP	5	9:53	05:25:08.1	+32:21:02	300	90	3.0	#68 2MASS Reds	4	
0108.2M052518.7p321243	420	9:56	05:25:18.7	+32:12:43	300	90	3.0	#68 2MASS Reds	4	
0109.COMP	5	10:04	05:25:18.7	+32:12:43	300	90	3.0	#68 2MASS Reds	4	
0110.2M052518.7p321243	420	10:05	05:25:18.7	+32:12:43	300	90	3.0	#68 2MASS Reds	4	
0111.COMP	5	10:12	05:25:18.7	+32:12:43	300	90	3.0	#68 2MASS Reds	4	
0112.2M052535.5p322127	600	10:15	05:25:35.5	+32:21:27	300	90	3.0	#68 2MASS Reds	4	
0113.COMP	5	10:25	05:25:35.5	+32:21:27	300	90	3.0	#68 2MASS Reds	4	
0114.2M052717.5p170731	200	10:28	05:27:17.5	+17:07:31	300	90	3.0	#68 2MASS Reds	4	
0115.COMP	5	10:31	05:27:17.5	+17:07:31	300	90	3.0	#68 2MASS Reds	4	
0116.2M052708.3p383114	180	10:34	05:27:08.3	+38:31:14	300	90	3.0	#68 2MASS Reds	4	
0117.COMP	5	10:37	05:27:08.3	+38:31:14	300	90	3.0	#68 2MASS Reds	4	
0118.2M054029.6p160955	200	10:40	05:40:29.5	+16:09:55	300	90	3.0	#68 2MASS Reds	4	
0119.COMP	5	10:43	05:40:29.5	+16:09:55	300	90	3.0	#68 2MASS Reds	4	beware star on slit
0120.2M054410.1p165321	300	10:47	05:44:10.0	+16:53:21	300	90	3.0	#68 2MASS Reds	4	
0121.COMP	5	10:53	05:44:10.0	+16:53:21	300	90	3.0	#68 2MASS Reds	4	
0122.SN2000fa	1200	11:09	07:15:29.8	23:25:42	300	57	3.0	#2 Supernovae	2	binby2
0123.COMP	5	11:29	07:15:29.8	23:25:42	300	57	3.0	#2 Supernovae	2	
0124-0125.BIAS	0	11:33	10:39:36.7	+43:06:09	300	57	3.0	#2 Supernovae	2	
0126.Feige34	90	11:35	10:39:36.7	+43:06:09	300	57	3.0	#56 Standards	2	

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0127.COMP	5	11:37	10:39:36.7	+43:06:09	300	57	3.0	#56 Standards	2	
0128.SN2999ez	1200	11:51	11:57:45.7	32:17:49	300	57	3.0	#2 Supernovae	2	
0129.COMP	5	12:12	11:57:45.7	32:17:49	300	57	3.0	#2 Supernovae	2	
0130.BIAS	0	12:13	11:57:45.7	32:17:49	300	57	3.0	#2 Supernovae	2	binby2
0131-0132.BIAS	0	12:13	11:57:45.7	32:17:49	300	57	3.0	#2 Supernovae	2	
0133.2M083422.7p480517	300	12:18	08:34:22.7	+48:05:17	300	57	3.0	#68 2MASS Reds	4	
0134.COMP	5	12:23	08:34:22.7	+48:05:17	300	57	3.0	#68 2MASS Reds	4	
0135.2M085836.5p541902	210	12:25	08:58:36.5	+54:19:02	300	57	3.0	#68 2MASS Reds	4	
0136.COMP	5	12:29	08:58:36.5	+54:19:02	300	57	3.0	#68 2MASS Reds	4	
0137.2M083535.6p543240	280	12:31	08:35:35.5	+54:32:40	300	57	3.0	#68 2MASS Reds	4	
0138.COMP	5	12:36	08:35:35.5	+54:32:40	300	57	3.0	#68 2MASS Reds	4	
0139.2M093834.5p085316	150	12:39	09:38:34.4	+08:53:16	300	57	3.0	#68 2MASS Reds	4	
0140.COMP	5	12:42	09:38:34.4	+08:53:16	300	57	3.0	#68 2MASS Reds	4	
0141.2M092448.9p223616	360	12:45	09:24:48.9	+22:36:16	300	57	3.0	#68 2MASS Reds	4	
0142.COMP	5	12:51	09:24:48.9	+22:36:16	300	57	3.0	#68 2MASS Reds	4	
0143.2M101320.9p231553	180	12:53	10:13:20.9	+23:15:53	300	57	3.0	#68 2MASS Reds	4	
0144.COMP	5	12:57	10:13:20.9	+23:15:53	300	57	3.0	#68 2MASS Reds	4	
0145.2M102044.8p383115	240	13:00	10:20:44.8	+38:31:15	300	57	3.0	#68 2MASS Reds	4	
0146.COMP	5	13:04	10:20:44.8	+38:31:15	300	57	3.0	#68 2MASS Reds	4	
0147.N3227	90	13:06	10:23:30.6	+19:51:54	300	57	3.0	#6 AGN Monitor	4	

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0148.N3227	90	13:08	10:23:30.6	+19:51:54	300	90	3.0	#6 AGN Monitor	4	
0149.COMP	5	13:10	10:23:30.6	+19:51:54	300	90	3.0	#6 AGN Monitor	4	
0150.MRK421	220	13:11	11:04:27.4	+38:12:32	300	90	3.0	#6 AGN Monitor	4	
0151.COMP	5	13:15	11:04:27.4	+38:12:32	300	90	3.0	#6 AGN Monitor	4	
0152.Feige34	60	13:17	10:39:36.7	+43:06:09	300	90	3.0	#56 Photometri	4	
0153.COMP	5	13:18	10:39:36.7	+43:06:09	300	90	3.0	#56 Photometri	4	
0154-0158.BIAS	0	13:22	10:39:36.7	+43:06:09	300	90	3.0	#56 Photometri	4	
0159-0173.FLAT	6	13:28	10:39:36.7	+43:06:09	300	90	3.0	#56 Photometri	4	
0174-0178.BIAS	0	13:32	10:39:36.7	+43:06:09	300	90	3.0	#56 Photometri	4	
0179-0193.FLAT	12	13:37	10:39:36.7	+43:06:09	300	90	3.0	#56 Photometri	4	

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0001.BIAS	0	0:46	22:15:04.0	31:30:02	300	90	3.0	#56 Photometri	4	binby4
0002-0005.BIAS	0	0:47	22:15:39.0	31:30:02	300	90	3.0	#56 Photometri	4	
0006.SKY	30	0:48	22:17:23.0	31:30:02	300	90	3.0	#56 Photometri	4	
0007-0008.SKY	100	0:52	22:22:23.0	31:30:02	300	90	3.0	#56 Photometri	4	
0009.COMP	5	0:54	22:22:58.0	31:30:02	300	90	3.0	#56 Photometri	4	
0010-0019.FLAT	8	0:59	22:24:00.0	31:30:02	300	90	3.0	#56 Photometri	4	
0020.MRK509	180	1:08	20:44:09.8	-10:43:24	300	33	3.0	#6 AGN Monitor	4	
0021.COMP	5	1:12	20:44:09.8	-10:43:24	300	33	3.0	#6 AGN Monitor	4	
0022.Akn564	180	1:17	22:42:39.4	+29:43:31	300	90	3.0	#6 AGN Monitor	4	
0023.Akn564	180	1:20	22:42:39.4	+29:43:31	300	90	3.0	#6 AGN Monitor	4	
0024.COMP	5	1:23	22:42:39.4	+29:43:31	300	90	3.0	#6 AGN Monitor	4	
0025.2M221612.1p011529	400	1:28	22:16:12.1	+01:15:29	300	90	3.0	#68 2MASS Reds	4	
0026.COMP	5	1:37	22:16:12.1	+01:15:29	300	90	3.0	#68 2MASS Reds	4	emission
0027.2M222627.2p032821	360	1:42	22:26:27.2	+03:28:21	300	90	3.0	#68 2MASS Reds	4	
0028.COMP	5	1:49	22:26:27.2	+03:28:21	300	90	3.0	#68 2MASS Reds	4	
0029.2M223446.1p051055	280	1:50	22:34:46.1	+05:10:55	300	90	3.0	#68 2MASS Reds	4	
0030.COMP	5	1:55	22:34:46.1	+05:10:55	300	90	3.0	#68 2MASS Reds	4	
0031.2M224825.9p050756	220	1:57	22:48:25.8	+05:07:56	300	90	3.0	#68 2MASS Reds	4	
0032.COMP	5	2:01	22:48:25.8	+05:07:56	300	90	3.0	#68 2MASS Reds	4	
0033.2M225143.2p002454	200	2:03	22:51:43.2	+00:24:54	300	90	3.0	#68 2MASS Reds	4	

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0034.COMP	5	2:06	22:51:43.2	+00:24:54	300	90	3.0	#68 2MASS Reds	4	
0035.2M225550.3p020701	240	2:08	22:55:50.3	+02:07:01	300	90	3.0	#68 2MASS Reds	4	
0036.COMP	5	2:12	22:55:50.3	+02:07:01	300	90	3.0	#68 2MASS Reds	4	
0037.2M225905.8p064007	180	2:14	22:59:05.8	+06:40:07	300	90	3.0	#68 2MASS Reds	4	
0038.COMP	5	2:17	22:59:05.8	+06:40:07	300	90	3.0	#68 2MASS Reds	4	
0039.2M225958.7p065705	180	2:18	22:59:58.6	+06:57:05	300	90	3.0	#68 2MASS Reds	4	
0040.COMP	5	2:22	22:59:58.6	+06:57:05	300	90	3.0	#68 2MASS Reds	4	
0041.2M230046.5p073459	180	2:23	23:00:46.4	+07:34:59	300	90	3.0	#68 2MASS Reds	4	
0042.COMP	5	2:26	23:00:46.4	+07:34:59	300	90	3.0	#68 2MASS Reds	4	
0043.2M230225.0p065542	200	2:27	23:02:24.9	+06:55:42	300	90	3.0	#68 2MASS Reds	4	
0044.COMP	5	2:31	23:02:24.9	+06:55:42	300	90	3.0	#68 2MASS Reds	4	
0045.2M230252.1p084135	180	2:33	23:02:52.0	+08:41:35	300	90	3.0	#68 2MASS Reds	4	
0046.COMP	5	2:36	23:02:52.0	+08:41:35	300	90	3.0	#68 2MASS Reds	4	
0047.2M231640.2p094903	180	2:38	23:16:40.2	+09:49:03	300	90	3.0	#68 2MASS Reds	4	
0048.COMP	5	2:41	23:16:40.2	+09:49:03	300	90	3.0	#68 2MASS Reds	4	
0049.2M231830.2p095556	180	2:43	23:18:30.2	+09:55:56	300	90	3.0	#68 2MASS Reds	4	
0050.COMP	5	2:46	23:18:30.2	+09:55:56	300	90	3.0	#68 2MASS Reds	4	
0051.2M232435.3p060455	200	2:48	23:24:35.3	+06:04:55	300	90	3.0	#68 2MASS Reds	4	
0052.COMP	5	2:51	23:24:35.3	+06:04:55	300	90	3.0	#68 2MASS Reds	4	
0053.2M232746.5p052351	180	2:54	23:27:46.5	+05:23:51	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
0054.COMP	5	2:57	23:27:46.5	+05:23:51	300	90	3.0	#68 2MASS Reds	4	
0055.2M232856.5p094157	180	2:59	23:28:56.5	+09:41:57	300	90	3.0	#68 2MASS Reds	4	
0056.COMP	5	3:02	23:28:56.5	+09:41:57	300	90	3.0	#68 2MASS Reds	4	
0057.2M233525.6p010332	200	3:03	23:35:25.6	+01:03:32	300	90	3.0	#68 2MASS Reds	4	
0058.COMP	5	3:07	23:35:25.6	+01:03:32	300	90	3.0	#68 2MASS Reds	4	
0059.2M001035.8p284054	180	3:09	00:10:35.7	+28:40:54	300	90	3.0	#68 2MASS Reds	4	
0060.COMP	5	3:13	00:10:35.7	+28:40:54	300	90	3.0	#68 2MASS Reds	4	
0061.2M000442.0p094616	150	3:14	00:04:41.9	+09:46:16	300	90	3.0	#68 2MASS Reds	4	
0062.COMP	5	3:17	00:04:41.9	+09:46:16	300	90	3.0	#68 2MASS Reds	4	
0063.2M001110.1p080005	130	3:18	00:11:10.1	+08:00:05	300	90	3.0	#68 2MASS Reds	4	
0064.COMP	5	3:20	00:11:10.1	+08:00:05	300	90	3.0	#68 2MASS Reds	4	
0065.2M003158.4p023754	130	3:21	00:31:58.3	+02:37:54	300	90	3.0	#68 2MASS Reds	4	
0066.COMP	5	3:24	00:31:58.3	+02:37:54	300	90	3.0	#68 2MASS Reds	4	
0067.2M003416.6p053252	150	3:27	00:34:16.6	+05:32:52	300	90	3.0	#68 2MASS Reds	4	
0068.COMP	5	3:29	00:34:16.6	+05:32:52	300	90	3.0	#68 2MASS Reds	4	
0069.2M220831.3p415352	130	3:32	22:08:31.2	+41:53:52	300	90	3.0	#68 2MASS Reds	4	
0070.COMP	5	3:34	22:08:31.2	+41:53:52	300	90	3.0	#68 2MASS Reds	4	
0071.2M220831.3p415352	120	3:35	22:08:31.2	+41:53:52	300	90	3.0	#68 2MASS Reds	4	
0072.COMP	5	3:38	22:08:31.2	+41:53:52	300	90	3.0	#68 2MASS Reds	4	
0073.2M224148.2p425818	150	3:39	22:41:48.1	+42:58:18	300	90	3.0	#68 2MASS Reds	4	

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0074.COMP	5	3:42	22:41:48.1	+42:58:18	300	90	3.0	#68 2MASS Reds	4	
0075.2M225922.5p390627	120	3:43	22:59:22.4	+39:06:27	300	90	3.0	#68 2MASS Reds	4	
0076.COMP	5	3:46	22:59:22.4	+39:06:27	300	90	3.0	#68 2MASS Reds	4	
0077.2M225929.0p390458	120	3:47	22:59:29.0	+39:04:58	300	90	3.0	#68 2MASS Reds	4	
0078.COMP	5	3:49	22:59:29.0	+39:04:58	300	90	3.0	#68 2MASS Reds	4	
0079.2M230323.3p412452	120	3:50	23:03:23.2	+41:24:52	300	90	3.0	#68 2MASS Reds	4	
0080.COMP	5	3:53	23:03:23.2	+41:24:52	300	90	3.0	#68 2MASS Reds	4	
0081.2M230614.1p413618	360	3:55	23:06:14.0	+41:36:18	300	90	3.0	#68 2MASS Reds	4	
0082.COMP	5	4:01	23:06:14.0	+41:36:18	300	90	3.0	#68 2MASS Reds	4	star also on slit
0083.2M231227.0p411344	130	4:03	23:12:27.0	+41:13:44	300	90	3.0	#68 2MASS Reds	4	
0084.COMP	5	4:05	23:12:27.0	+41:13:44	300	90	3.0	#68 2MASS Reds	4	
0085.2M235334.5p503135	130	4:07	23:53:34.5	+50:31:35	300	90	3.0	#68 2MASS Reds	4	
0086.COMP	5	4:10	23:53:34.5	+50:31:35	300	90	3.0	#68 2MASS Reds	4	
0087.2M235444.2p342046	140	4:13	23:54:44.1	+34:20:46	300	90	3.0	#68 2MASS Reds	4	
0088.COMP	5	4:16	23:54:44.1	+34:20:46	300	90	3.0	#68 2MASS Reds	4	
0089.2M235509.7p435415	120	4:17	23:55:09.7	+43:54:15	300	90	3.0	#68 2MASS Reds	4	
0090.COMP	5	4:20	23:55:09.7	+43:54:15	300	90	3.0	#68 2MASS Reds	4	
0091.N7469	120	4:23	23:03:15.7	+08:52:27	300	90	3.0	#6 AGN Monitor	4	
0092.N7469	120	4:25	23:03:15.7	+08:52:27	300	90	3.0	#6 AGN Monitor	4	
0093.COMP	5	4:27	23:03:15.7	+08:52:27	300	90	3.0	#6 AGN Monitor	4	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0094.MRK335	120	4:30	00:06:19.6	+20:12:11	300	61	3.0	#6 AGN Monitor	4	
0095.MRK335	120	4:32	00:06:19.6	+20:12:11	300	61	3.0	#6 AGN Monitor	4	
0096.COMP	5	4:35	00:06:19.6	+20:12:11	300	61	3.0	#6 AGN Monitor	4	
0097.2M003539.1p254042	180	4:37	00:35:39.1	+25:40:42	300	90	3.0	#68 2MASS Reds	4	
0098.COMP	5	4:41	00:35:39.1	+25:40:42	300	90	3.0	#68 2MASS Reds	4	
0099.2M003734.1p093321	240	4:42	00:37:34.1	+09:33:21	300	90	3.0	#68 2MASS Reds	4	
0100.COMP	5	4:46	00:37:34.1	+09:33:21	300	90	3.0	#68 2MASS Reds	4	
0101.2M005410.7m015709	240	4:49	00:54:10.6	-01:57:09	300	90	3.0	#68 2MASS Reds	4	
0102.COMP	5	4:53	00:54:10.6	-01:57:09	300	90	3.0	#68 2MASS Reds	4	
0103.2M005742.5p080031	150	4:54	00:57:42.5	+08:00:31	300	90	3.0	#68 2MASS Reds	4	
0104.COMP	5	4:57	00:57:42.5	+08:00:31	300	90	3.0	#68 2MASS Reds	4	
0105.2M010130.4p093850	60	4:58	01:01:30.3	+09:38:50	300	90	3.0	#68 2MASS Reds	4	
0106.COMP	5	5:00	01:01:30.3	+09:38:50	300	90	3.0	#68 2MASS Reds	4	
0107.2M010225.5p072229	200	5:01	01:02:25.5	+07:22:29	300	90	3.0	#68 2MASS Reds	4	
0108.COMP	5	5:05	01:02:25.5	+07:22:29	300	90	3.0	#68 2MASS Reds	4	
0109.2M010530.5p260844	200	5:07	01:05:30.5	+26:08:44	300	90	3.0	#68 2MASS Reds	4	
0110.COMP	5	5:10	01:05:30.5	+26:08:44	300	90	3.0	#68 2MASS Reds	4	
0111.2M011742.2p195745	150	5:14	01:17:42.2	+19:57:45	300	90	3.0	#68 2MASS Reds	4	
0112.COMP	5	5:17	01:17:42.2	+19:57:45	300	90	3.0	#68 2MASS Reds	4	
0113.2M014604.3p233953	130	5:18	01:46:04.3	+23:39:53	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
0114.COMP	5	5:21	01:46:04.3	+23:39:53	300	90	3.0	#68 2MASS Reds	4	
0115.2M014604.3p233953	150	5:21	01:46:04.3	+23:39:53	300	90	3.0	#68 2MASS Reds	4	
0116.COMP	5	5:24	01:46:04.3	+23:39:53	300	90	3.0	#68 2MASS Reds	4	
0117.2M014846.8p201540	350	5:26	01:48:46.8	+20:15:40	300	90	3.0	#68 2MASS Reds	4	
0118.COMP	5	5:32	01:48:46.8	+20:15:40	300	90	3.0	#68 2MASS Reds	4	HalpHa 6760
0119.2M015107.7m024527	480	5:36	01:51:07.7	-02:45:27	300	90	3.0	#68 2MASS Reds	2	binby2
0120.COMP	5	5:45	01:51:07.7	-02:45:27	300	90	3.0	#68 2MASS Reds	2	binby2
0121-0125.BIAS	0	5:48	01:51:07.7	-02:45:27	300	90	3.0	#68 2MASS Reds	2	
0126.2M015615.2m024219	140	5:49	01:56:15.1	-02:42:19	300	90	3.0	#68 2MASS Reds	4	binby4
0127.COMP	5	5:52	01:56:15.1	-02:42:19	300	90	3.0	#68 2MASS Reds	4	
0128.2M020519.9m023305	120	5:54	02:05:19.9	-02:33:05	300	90	3.0	#68 2MASS Reds	4	
0129.COMP	5	5:57	02:05:19.9	-02:33:05	300	90	3.0	#68 2MASS Reds	4	
0130.2M022108.0m025904	300	5:59	02:21:07.9	-02:59:04	300	90	3.0	#68 2MASS Reds	4	
0131.COMP	5	6:04	02:21:07.9	-02:59:04	300	90	3.0	#68 2MASS Reds	4	
0132.2M022108.0m025904	240	6:05	02:21:07.9	-02:59:04	300	90	3.0	#68 2MASS Reds	4	
0133.COMP	5	6:10	02:21:07.9	-02:59:04	300	90	3.0	#68 2MASS Reds	4	
0134.2M022616.6p073540	150	6:12	02:26:16.6	+07:35:40	300	90	3.0	#68 2MASS Reds	4	
0135.COMP	5	6:15	02:26:16.6	+07:35:40	300	90	3.0	#68 2MASS Reds	4	
0136.2M022941.5p065246	160	6:15	02:29:41.4	+06:52:46	300	90	3.0	#68 2MASS Reds	4	
0137.COMP	5	6:19	02:29:41.4	+06:52:46	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
0138.2M023033.9m043729	150	6:20	02:30:33.9	-04:37:29	300	90	3.0	#68 2MASS Reds	4	
0139.COMP	5	6:23	02:30:33.9	-04:37:29	300	90	3.0	#68 2MASS Reds	4	
0140.2M023828.1m010248	120	6:24	02:38:28.0	-01:02:48	300	90	3.0	#68 2MASS Reds	4	bad guiding
0141.COMP	5	6:26	02:38:28.0	-01:02:48	300	90	3.0	#68 2MASS Reds	4	
0142.2M024145.9p094515	180	6:28	02:41:45.8	+09:45:15	300	90	3.0	#68 2MASS Reds	4	no chart
0143.COMP	5	6:32	02:41:45.8	+09:45:15	300	90	3.0	#68 2MASS Reds	4	
0144.2M030457.0p001300	140	6:34	03:04:57.0	+00:13:00	300	90	3.0	#68 2MASS Reds	4	
0145.COMP	5	6:36	03:04:57.0	+00:13:00	300	90	3.0	#68 2MASS Reds	4	
0146.2M031029.5p042157	420	6:38	03:10:29.5	+04:21:57	300	90	3.0	#68 2MASS Reds	4	
0147.2M031029.5p042157	420	6:46	03:10:29.5	+04:21:57	300	90	3.0	#68 2MASS Reds	4	
0148.COMP	5	6:54	03:10:29.5	+04:21:57	300	90	3.0	#68 2MASS Reds	4	
0149.2M031029.5p042157	330	6:56	03:10:29.5	+04:21:57	300	90	3.0	#68 2MASS Reds	4	
0150.COMP	5	7:01	03:10:29.5	+04:21:57	300	90	3.0	#68 2MASS Reds	4	
0151.2M031423.7p053122	300	7:03	03:14:23.7	+05:31:22	300	90	3.0	#68 2MASS Reds	4	
0152.COMP	5	7:08	03:14:23.7	+05:31:22	300	90	3.0	#68 2MASS Reds	4	
0153.2M031458.3p045428	180	7:10	03:14:58.3	+04:54:28	300	90	3.0	#68 2MASS Reds	4	
0154.COMP	5	7:14	03:14:58.3	+04:54:28	300	90	3.0	#68 2MASS Reds	4	
0155.2M031734.5m014142	200	7:15	03:17:34.4	-01:41:42	300	90	3.0	#68 2MASS Reds	4	
0156.COMP	5	7:19	03:17:34.4	-01:41:42	300	90	3.0	#68 2MASS Reds	4	
0157.2M031736.0m014323	180	7:20	03:17:36.0	-01:43:23	300	90	3.0	#68 2MASS Reds	4	

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0158.COMP	5	7:23	03:17:36.0	-01:43:23	300	90	3.0	#68 2MASS Reds	4	
0159.2M032233.5m024042	300	7:24	03:22:33.5	-02:40:42	300	90	3.0	#68 2MASS Reds	4	
0160.COMP	5	7:30	03:22:33.5	-02:40:42	300	90	3.0	#68 2MASS Reds	4	
0161.2M032456.1m024919	180	7:32	03:24:56.1	-02:49:19	300	90	3.0	#68 2MASS Reds	4	
0162.COMP	5	7:35	03:24:56.1	-02:49:19	300	90	3.0	#68 2MASS Reds	4	
0163.2M032516.3m002432	150	7:37	03:25:16.2	-00:24:32	300	90	3.0	#68 2MASS Reds	4	
0164.COMP	5	7:40	03:25:16.2	-00:24:32	300	90	3.0	#68 2MASS Reds	4	
0165.2M032606.2m003656	150	7:41	03:26:06.2	-00:36:56	300	90	3.0	#68 2MASS Reds	4	
0166.COMP	5	7:45	03:26:06.2	-00:36:56	300	90	3.0	#68 2MASS Reds	4	
0167.2M032846.3p042300	250	7:46	03:28:46.2	+04:23:00	300	90	3.0	#68 2MASS Reds	4	
0168.COMP	5	7:51	03:28:46.2	+04:23:00	300	90	3.0	#68 2MASS Reds	4	
0169.2M032852.1p114307	300	7:53	03:28:52.0	+11:43:07	300	90	3.0	#68 2MASS Reds	4	
0170.COMP	5	7:59	03:28:52.0	+11:43:07	300	90	3.0	#68 2MASS Reds	4	
0171.2M032907.5p041436	420	8:02	03:29:07.4	+04:14:36	300	90	3.0	#68 2MASS Reds	4	
0172.COMP	5	8:09	03:29:07.4	+04:14:36	300	90	3.0	#68 2MASS Reds	4	
0173.2M032907.5p041436	420	8:10	03:29:07.4	+04:14:36	300	90	3.0	#68 2MASS Reds	4	
0174.COMP	5	8:18	03:29:07.4	+04:14:36	300	90	3.0	#68 2MASS Reds	4	
0175.2M033451.2p032733	240	8:19	03:34:51.2	+03:27:33	300	90	3.0	#68 2MASS Reds	4	
0176.COMP	5	8:24	03:34:51.2	+03:27:33	300	90	3.0	#68 2MASS Reds	4	
0177.2M033515.3m011342	240	8:25	03:35:15.3	-01:13:42	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
0178.COMP	5	8:30	03:35:15.3	-01:13:42	300	90	3.0	#68 2MASS Reds	4	
0179.2M033538.0p110245	260	8:31	03:35:38.0	+11:02:45	300	90	3.0	#68 2MASS Reds	4	
0180.COMP	5	8:37	03:35:38.0	+11:02:45	300	90	3.0	#68 2MASS Reds	4	
0181.2M033710.4m053504	240	8:39	03:37:10.3	-05:35:04	300	90	3.0	#68 2MASS Reds	4	
0182.COMP	5	8:43	03:37:10.3	-05:35:04	300	90	3.0	#68 2MASS Reds	4	
0183.2M033741.4p045712	360	8:45	03:37:41.4	+04:57:12	300	90	3.0	#68 2MASS Reds	4	
0184.COMP	5	8:51	03:37:41.4	+04:57:12	300	90	3.0	#68 2MASS Reds	4	
0185.2M033751.0p093630	300	8:53	03:37:50.9	+09:36:30	300	90	3.0	#68 2MASS Reds	4	
0186.COMP	5	8:59	03:37:50.9	+09:36:30	300	90	3.0	#68 2MASS Reds	4	
0187.2M033946.7p103448	360	9:02	03:39:46.6	+10:34:48	300	90	3.0	#68 2MASS Reds	4	
0188.COMP	5	9:08	03:39:46.6	+10:34:48	300	90	3.0	#68 2MASS Reds	4	
0189.2M034117.4p104432	300	9:10	03:41:17.3	+10:44:32	300	90	3.0	#68 2MASS Reds	4	
0190.COMP	5	9:16	03:41:17.3	+10:44:32	300	90	3.0	#68 2MASS Reds	4	
0191.2M034511.4p053631	330	9:17	03:45:11.3	+05:36:31	300	90	3.0	#68 2MASS Reds	4	
0192.COMP	5	9:23	03:45:11.3	+05:36:31	300	90	3.0	#68 2MASS Reds	4	
0193.2M035911.7p011316	300	9:25	03:59:11.6	+01:13:16	300	90	3.0	#68 2MASS Reds	4	
0194.COMP	5	9:30	03:59:11.6	+01:13:16	300	90	3.0	#68 2MASS Reds	4	
0195.2M041341.6p004422	220	9:31	04:13:41.5	+00:44:22	300	90	3.0	#68 2MASS Reds	4	
0196.COMP	5	9:36	04:13:41.5	+00:44:22	300	90	3.0	#68 2MASS Reds	4	
0197.2M041639.5p034700	300	9:39	04:16:39.5	+03:47:00	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
0198.COMP	5	9:45	04:16:39.5	+03:47:00	300	90	3.0	#68 2MASS Reds	4	
0199.2M043451.9m042154	140	9:48	04:34:51.8	-04:21:54	300	90	3.0	#68 2MASS Reds	4	
0200.COMP	5	9:51	04:34:51.8	-04:21:54	300	90	3.0	#68 2MASS Reds	4	
0201.2M052858.2p745440	260	9:57	05:28:58.2	+74:54:40	300	90	3.0	#68 2MASS Reds	4	
0202.COMP	5	10:02	05:28:58.2	+74:54:40	300	90	3.0	#68 2MASS Reds	4	
0203.2M052955.8p675427	250	10:04	05:29:55.7	+67:54:27	300	90	3.0	#68 2MASS Reds	4	
0204.COMP	5	10:09	05:29:55.7	+67:54:27	300	90	3.0	#68 2MASS Reds	4	
0205.2M052737.6p624904	300	10:10	05:27:37.5	+62:49:04	300	90	3.0	#68 2MASS Reds	4	
0206.COMP	5	10:16	05:27:37.5	+62:49:04	300	90	3.0	#68 2MASS Reds	4	
0207.2M084158.6p573530	360	10:18	08:41:58.5	+57:35:30	300	90	3.0	#68 2MASS Reds	4	
0208.COMP	5	10:25	08:41:58.5	+57:35:30	300	90	3.0	#68 2MASS Reds	4	
0209.2M090018.1p074535	240	10:29	09:00:18.1	+07:45:35	300	90	3.0	#68 2MASS Reds	4	
0210.COMP	5	10:33	09:00:18.1	+07:45:35	300	90	3.0	#68 2MASS Reds	4	
0211.2M092057.0m045624	150	10:35	09:20:57.0	-04:56:24	300	90	3.0	#68 2MASS Reds	4	
0212.COMP	5	10:38	09:20:57.0	-04:56:24	300	90	3.0	#68 2MASS Reds	4	
0213.2M092528.2m060442	120	10:39	09:25:28.2	-06:04:42	300	90	3.0	#68 2MASS Reds	4	
0214.COMP	5	10:42	09:25:28.2	-06:04:42	300	90	3.0	#68 2MASS Reds	4	
0215.2M092958.5m063814	280	10:44	09:29:58.5	-06:38:14	300	90	3.0	#68 2MASS Reds	4	
0216.COMP	5	10:49	09:29:58.5	-06:38:14	300	90	3.0	#68 2MASS Reds	4	
0217.2M092512.2m064947	120	10:51	09:25:12.1	-06:49:47	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
0218.COMP	5	10:54	09:25:12.1	-06:49:47	300	90	3.0	#68 2MASS Reds	4	
0219.2M092513.7m064259	120	10:57	09:25:13.6	-06:42:59	300	90	3.0	#68 2MASS Reds	4	
0220.COMP	5	11:00	09:25:13.6	-06:42:59	300	90	3.0	#68 2MASS Reds	4	
0221.2M093403.3m051222	150	11:02	09:34:03.3	-05:12:22	300	90	3.0	#68 2MASS Reds	4	
0222.COMP	5	11:04	09:34:03.3	-05:12:22	300	90	3.0	#68 2MASS Reds	4	
0223.2M093556.9m074335	120	11:06	09:35:56.8	-07:43:35	300	90	3.0	#68 2MASS Reds	4	
0224.COMP	5	11:08	09:35:56.8	-07:43:35	300	90	3.0	#68 2MASS Reds	4	
0225.2M094045.0m052607	200	11:10	09:40:45.0	-05:26:07	300	90	3.0	#68 2MASS Reds	4	
0226.COMP	5	11:13	09:40:45.0	-05:26:07	300	90	3.0	#68 2MASS Reds	4	
0227.2M094140.3m090121	150	11:16	09:41:40.3	-09:01:21	300	90	3.0	#68 2MASS Reds	4	
0228.COMP	5	11:18	09:41:40.3	-09:01:21	300	90	3.0	#68 2MASS Reds	4	
0229.2M094702.7m055257	240	11:20	09:47:02.6	-05:52:57	300	90	3.0	#68 2MASS Reds	4	
0230.COMP	5	11:24	09:47:02.6	-05:52:57	300	90	3.0	#68 2MASS Reds	4	
0231.2M094845.1m063552	240	11:26	09:48:45.1	-06:35:52	300	90	3.0	#68 2MASS Reds	4	
0232.COMP	5	11:30	09:48:45.1	-06:35:52	300	90	3.0	#68 2MASS Reds	4	
0233.2M094856.1m052948	300	11:31	09:48:56.1	-05:29:48	300	90	3.0	#68 2MASS Reds	4	
0234.COMP	5	11:36	09:48:56.1	-05:29:48	300	90	3.0	#68 2MASS Reds	4	
0235.2M094903.0m070921	120	11:37	09:49:03.0	-07:09:21	300	90	3.0	#68 2MASS Reds	4	
0236.COMP	5	11:40	09:49:03.0	-07:09:21	300	90	3.0	#68 2MASS Reds	4	
0237.2M095351.0m074734	240	11:41	09:53:51.0	-07:47:34	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
0238.COMP	5	11:46	09:53:51.0	-07:47:34	300	90	3.0	#68 2MASS Reds	4	
0239.2M095946.1m064429	300	11:47	09:59:46.1	-06:44:29	300	90	3.0	#68 2MASS Reds	4	
0240.COMP	5	11:53	09:59:46.1	-06:44:29	300	90	3.0	#68 2MASS Reds	4	
0241.2M100501.7m063135	360	11:54	10:05:01.7	-06:31:35	300	90	3.0	#68 2MASS Reds	4	
0242.COMP	5	12:00	10:05:01.7	-06:31:35	300	90	3.0	#68 2MASS Reds	4	Halpha 6670
0243.2M100501.7m063135	180	12:01	10:05:01.7	-06:31:35	300	90	3.0	#68 2MASS Reds	4	
0244.COMP	5	12:04	10:05:01.7	-06:31:35	300	90	3.0	#68 2MASS Reds	4	
0245.2M100012.1p093855	200	12:06	10:00:12.0	+09:38:55	300	90	3.0	#68 2MASS Reds	4	
0246.COMP	5	12:10	10:00:12.0	+09:38:55	300	90	3.0	#68 2MASS Reds	4	
0247.2M095119.9p575627	180	12:12	09:51:19.8	+57:56:27	300	90	3.0	#68 2MASS Reds	4	
0248.COMP	5	12:15	09:51:19.8	+57:56:27	300	90	3.0	#68 2MASS Reds	4	
0249.2M101014.7p781036	240	12:18	10:10:14.7	+78:10:36	300	90	3.0	#68 2MASS Reds	4	
0250.COMP	5	12:23	10:10:14.7	+78:10:36	300	90	3.0	#68 2MASS Reds	4	
0251.2M101014.7p781036	200	12:23	10:10:14.7	+78:10:36	300	90	3.0	#68 2MASS Reds	4	
0252.COMP	5	12:27	10:10:14.7	+78:10:36	300	90	3.0	#68 2MASS Reds	4	
0253.2M102235.0p794915	200	12:33	10:22:34.9	+79:49:15	300	90	3.0	#68 2MASS Reds	4	
0254.COMP	5	12:37	10:22:34.9	+79:49:15	300	90	3.0	#68 2MASS Reds	4	
0255.2M103409.7p722450	200	12:39	10:34:09.7	+72:24:50	300	90	3.0	#68 2MASS Reds	4	
0256.COMP	5	12:43	10:34:09.7	+72:24:50	300	90	3.0	#68 2MASS Reds	4	
0257.2M103409.7p722450	240	12:43	10:34:09.7	+72:24:50	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
0258.COMP	5	12:48	10:34:09.7	+72:24:50	300	90	3.0	#68 2MASS Reds	4	
0259.N3227	90	12:53	10:23:30.6	+19:51:54	300	90	3.0	#6 AGN Monitor	4	
0260.N3227	90	12:55	10:23:30.6	+19:51:54	300	90	3.0	#6 AGN Monitor	4	
0261.N3227	90	12:57	10:23:30.6	+19:51:54	300	90	3.0	#6 AGN Monitor	4	
0262.COMP	5	12:58	10:23:30.6	+19:51:54	300	90	3.0	#6 AGN Monitor	4	
0263.N4051	120	13:00	12:03:09.7	+44:31:53	300	90	3.0	#6 AGN Monitor	4	
0264.N4051	120	13:02	12:03:09.7	+44:31:53	300	90	3.0	#6 AGN Monitor	4	
0265.COMP	5	13:04	12:03:09.7	+44:31:53	300	90	3.0	#6 AGN Monitor	4	
0266.N4151	30	13:05	12:10:32.6	+39:24:21	300	90	3.0	#6 AGN Monitor	4	
0267.N4151	30	13:06	12:10:32.6	+39:24:21	300	90	3.0	#6 AGN Monitor	4	
0268.N4151	30	13:07	12:10:32.6	+39:24:21	300	90	3.0	#6 AGN Monitor	4	
0269.COMP	5	13:07	12:10:32.6	+39:24:21	300	90	3.0	#6 AGN Monitor	4	
0270.Feige34	90	13:09	10:39:36.7	+43:06:09	300	90	3.0	#56 Photometri	4	
0271.COMP	5	13:11	10:39:36.7	+43:06:09	300	90	3.0	#56 Photometri	4	
0272-0276.BIAS	0	13:15	10:39:36.7	+43:06:09	300	90	3.0	#56 Photometri	4	
0277-0286.FLAT	6	13:25	10:39:36.7	+43:06:09	300	90	3.0	#56 Photometri	4	
0287.BIAS	0	13:26	10:39:36.7	+43:06:09	300	90	3.0	#56 Photometri	2	binby2
0288-0291.BIAS	0	13:27	10:39:36.7	+43:06:09	300	90	3.0	#56 Photometri	2	
0292-0302.FLAT	6	13:30	10:39:36.7	+43:06:09	300	90	3.0	#56 Photometri	2	
0303-0312.FLAT	12	13:35	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
0001-0008.DARK	900	0:06	22:33:10.0	31:30:03	300	90	3.0	#56 Photometri	4	**Start of FAST run**
0009-0020.BIAS	0	0:23	22:35:45.0	31:30:03	300	90	3.0	#56 Photometri	4	
0021-0030.FLAT	8	0:27	22:39:23.0	31:30:03	300	90	3.0	#56 Photometri	4	
0031-0040.BIAS	0	0:30	22:42:39.0	31:30:03	300	90	3.0	#56 Photometri	2	
0041-0050.FLAT	16	0:36	22:48:41.0	31:30:03	300	90	3.0	#56 Photometri	2	
0051.sky	4	0:38	22:50:30.0	31:30:02	300	90	3.0	#56 Photometri	4	scattered clouds
0052-0055.sky	4	0:39	22:51:35.0	31:30:02	300	90	3.0	#56 Photometri	4	
0056.COMP	5	0:40	22:52:18.0	31:30:02	300	90	3.0	#56 Photometri	4	
0057.HD217086	5	1:33	22:56:47.1	+62:43:37	300	90	3.0	#56 Photometri	4	
0058.HD217086	5	1:33	22:56:47.1	+62:43:37	300	90	3.0	#56 Photometri	4	
0059.HD217086	5	1:33	22:56:47.1	+62:43:37	300	90	3.0	#56 Photometri	4	
0060.COMP	5	1:34	22:56:47.1	+62:43:37	300	90	3.0	#56 Photometri	4	
0061.BDp284211	45	1:35	21:51:11.0	+28:51:50	300	90	3.0	#56 Photometri	4	
0062.BDp284211	45	1:37	21:51:11.0	+28:51:50	300	90	3.0	#56 Photometri	4	
0063.COMP	5	1:38	21:51:11.0	+28:51:50	300	90	3.0	#56 Photometri	4	
0064.N7331	180	1:39	22:34:46.9	+34:09:43	300	90	3.0	#57 Velocity S	4	problems w/ secondary focus
0065.COMP	5	1:42	22:34:46.9	+34:09:43	300	90	3.0	#57 Velocity S	4	
0066.srgb090.139	240	1:44	01:12:21.9	+33:21:47	300	90	3.0	#59 X-Ray Grou	4	
0067.COMP	5	1:49	01:12:21.9	+33:21:47	300	90	3.0	#59 X-Ray Grou	4	
0068.srgb090.141	300	1:49	01:12:32.2	+31:58:54	300	90	3.0	#59 X-Ray Grou	4	stopped by clouds

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0069.COMP	5	1:56	01:12:32.2	+31:58:54	300	90	3.0	#59 X-Ray Grou	4	
0070.srgb090.144	240	2:28	01:13:42.1	+33:13:01	300	90	3.0	#59 X-Ray Grou	4	
0071.COMP	5	2:32	01:13:42.1	+33:13:01	300	90	3.0	#59 X-Ray Grou	4	
0072.srgb090.142	720	2:32	01:12:43.3	+32:58:06	300	90	3.0	#59 X-Ray Grou	4	yikes, poor seeing
0073.COMP	5	2:45	01:12:43.3	+32:58:06	300	90	3.0	#59 X-Ray Grou	4	
0074.srgb090.143	600	2:46	01:13:08.1	+31:35:15	300	90	3.0	#59 X-Ray Grou	4	
0075.COMP	5	2:56	01:13:08.1	+31:35:15	300	90	3.0	#59 X-Ray Grou	4	
0076.srgb090.145	420	3:03	01:14:13.5	+32:38:02	300	90	3.0	#59 X-Ray Grou	2	gal has wk em; beware sup * @ row 69
0077.COMP	10	3:11	01:14:13.5	+32:38:02	300	90	3.0	#59 X-Ray Grou	2	west of galaxy
0078.SN2000fd	1200	3:16	00:29:12.0	+33:06:29	300	90	3.0	#2 SN Observat	2	
0079.COMP	10	3:37	00:29:12.0	+33:06:29	300	90	3.0	#2 SN Observat	2	
0080.SN2000eo	1200	4:05	03:09:08.2	-10:17:54	300	-10	3.0	#2 SN Observat	2	
0081.COMP	10	4:25	03:09:08.2	-10:17:54	300	-10	3.0	#2 SN Observat	2	
0082.022001p571410	720	4:30	02:20:01.4	+57:14:10	300	-10	3.0	#83 h/chi Pers	4	
0083.COMP	5	4:42	02:20:01.4	+57:14:10	300	-10	3.0	#83 h/chi Pers	4	
0084.022001p572024	360	4:43	02:20:01.9	+57:20:24	300	-10	3.0	#83 h/chi Pers	4	bright moon
0085.COMP	5	4:50	02:20:01.9	+57:20:24	300	-10	3.0	#83 h/chi Pers	4	
0086.022002p570505	360	4:51	02:20:02.8	+57:05:05	300	-10	3.0	#83 h/chi Pers	4	
0087.022003p571229	480	4:58	02:20:03.5	+57:12:29	300	-10	3.0	#83 h/chi Pers	4	
0088.COMP	5	5:06	02:20:03.5	+57:12:29	300	-10	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
0089.022004p571453	480	5:07	02:20:05.0	+57:14:53	300	-10	3.0	#83 h/chi Pers	4	
0090.022005p570913	480	5:16	02:20:05.2	+57:09:13	300	-10	3.0	#83 h/chi Pers	4	
0091.COMP	5	5:24	02:20:05.2	+57:09:13	300	-10	3.0	#83 h/chi Pers	4	
0092.022005p565906	480	5:25	02:20:05.3	+56:59:06	300	-10	3.0	#83 h/chi Pers	2	close E-W pair; we want E* @ row 83,not W* @ row 73
0093.022008p570240	480	5:34	02:20:08.6	+57:02:40	300	-10	3.0	#83 h/chi Pers	2	clearing; seeing still poor
0094.COMP	10	5:42	02:20:08.6	+57:02:40	300	-10	3.0	#83 h/chi Pers	2	
0095.022010p565807	480	5:43	02:20:10.6	+56:58:07	300	-10	3.0	#83 h/chi Pers	4	
0096.022010p571441	420	5:53	02:20:10.2	+57:14:41	300	-10	3.0	#83 h/chi Pers	4	
0097.COMP	5	6:01	02:20:10.2	+57:14:41	300	-10	3.0	#83 h/chi Pers	4	
0098.022011p571939	480	6:01	02:20:11.4	+57:19:39	300	-10	3.0	#83 h/chi Pers	4	
0099.022013p565854	540	6:11	02:20:13.5	+56:58:54	300	-10	3.0	#83 h/chi Pers	4	
0100.COMP	5	6:20	02:20:13.5	+56:58:54	300	-10	3.0	#83 h/chi Pers	4	
0101.022015p571437	540	6:21	02:20:16.0	+57:14:37	300	-10	3.0	#83 h/chi Pers	4	
0102.022016p571832	480	6:31	02:20:16.3	+57:18:32	300	-10	3.0	#83 h/chi Pers	4	
0103.COMP	5	6:39	02:20:16.3	+57:18:32	300	-10	3.0	#83 h/chi Pers	4	
0104.HZ14	300	6:44	04:41:01.0	+10:59:42	300	10	3.0	#56 Photometri	2	
0105.COMP	10	6:49	04:41:01.0	+10:59:42	300	10	3.0	#56 Photometri	2	
0106.SA_94m242	120	6:55	02:57:22.0	+00:18:36	300	0	2.0	#87 IRAC Stars	4	2-sec slit
0107.SA_94m242	120	6:57	02:57:22.0	+00:18:36	300	0	2.0	#87 IRAC Stars	4	
0108.COMP	5	7:00	02:57:22.0	+00:18:36	300	0	2.0	#87 IRAC Stars	4	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0109.Bp14_549	30	7:01	03:18:20.3	+15:25:41	300	0	2.0	#87 IRAC Stars	4	
0110.Bp14_549	60	7:02	03:18:20.3	+15:25:41	300	0	2.0	#87 IRAC Stars	4	
0111.Bp14_549	60	7:03	03:18:20.3	+15:25:41	300	0	2.0	#87 IRAC Stars	4	
0112.COMP	5	7:05	03:18:20.3	+15:25:41	300	0	2.0	#87 IRAC Stars	4	
0113.BuscSept4	5	7:07	03:18:25.0	+15:10:30	300	0	2.0	#87 IRAC Stars	4	
0114.BuscSept4	5	7:08	03:18:25.0	+15:10:30	300	0	2.0	#87 IRAC Stars	4	
0115.COMP	5	7:08	03:18:25.0	+15:10:30	300	0	2.0	#87 IRAC Stars	4	
0116.SA_95m96	30	7:10	03:52:54.2	+00:00:18	300	0	2.0	#87 IRAC Stars	4	
0117.SA_95m96	30	7:11	03:52:54.2	+00:00:18	300	0	2.0	#87 IRAC Stars	4	
0118.COMP	5	7:12	03:52:54.2	+00:00:18	300	0	2.0	#87 IRAC Stars	4	
0119.SA_95m132	120	7:13	03:54:51.0	+00:05:24	300	0	2.0	#87 IRAC Stars	4	
0120.SA_95m132	120	7:15	03:54:51.0	+00:05:24	300	0	2.0	#87 IRAC Stars	4	
0121.COMP	5	7:18	03:54:51.0	+00:05:24	300	0	2.0	#87 IRAC Stars	4	
0122.SA_96m36	60	7:19	04:51:42.4	-00:10:9	300	0	2.0	#87 IRAC Stars	4	
0123.SA_96m36	60	7:20	04:51:42.4	-00:10:9	300	0	2.0	#87 IRAC Stars	4	
0124.COMP	5	7:21	04:51:42.4	-00:10:9	300	0	2.0	#87 IRAC Stars	4	
0125.SA_96m83	120	7:22	04:52:59.0	-00:14:42	300	0	2.0	#87 IRAC Stars	4	
0126.SA_96m83	120	7:25	04:52:59.0	-00:14:42	300	0	2.0	#87 IRAC Stars	4	
0127.COMP	5	7:27	04:52:59.0	-00:14:42	300	0	2.0	#87 IRAC Stars	4	
0128.SA_97m111	120	7:29	05:58:39.6	-00:10:29	300	0	2.0	#87 IRAC Stars	4	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0129.SA_97m111	120	7:31	05:58:39.6	-00:10:29	300	0	2.0	#87 IRAC Stars	4	
0130.COMP	5	7:34	05:58:39.6	-00:10:29	300	0	2.0	#87 IRAC Stars	4	
0131.SA_97m189	45	7:34	05:57:53.4	-00:04:13	300	0	2.0	#87 IRAC Stars	4	
0132.SA_97m189	45	7:35	05:57:53.4	-00:04:13	300	0	2.0	#87 IRAC Stars	4	
0133.COMP	5	7:36	05:57:53.4	-00:04:13	300	0	2.0	#87 IRAC Stars	4	
0134.SA_97m210	120	7:37	05:58:18.3	-00:04:42	300	0	2.0	#87 IRAC Stars	4	
0135.SA_97m210	120	7:39	05:58:18.3	-00:04:42	300	0	2.0	#87 IRAC Stars	4	
0136.COMP	5	7:42	05:58:18.3	-00:04:42	300	0	2.0	#87 IRAC Stars	4	
0137.SA_97m257	5	7:42	05:57:25.2	+00:01:39	300	0	2.0	#87 IRAC Stars	4	
0138.SA_97m257	5	7:43	05:57:25.2	+00:01:39	300	0	2.0	#87 IRAC Stars	4	
0139.SA_97m257	5	7:43	05:57:25.2	+00:01:39	300	0	2.0	#87 IRAC Stars	4	
0140.COMP	5	7:44	05:57:25.2	+00:01:39	300	0	2.0	#87 IRAC Stars	4	
0141.SA_97m311	30	7:44	05:56:23.6	+00:13:0	300	0	2.0	#87 IRAC Stars	4	
0142.SA_97m311	30	7:45	05:56:23.6	+00:13:0	300	0	2.0	#87 IRAC Stars	4	
0143.COMP	5	7:46	05:56:23.6	+00:13:0	300	0	2.0	#87 IRAC Stars	4	
0144.SA_97m351	15	7:47	05:57:37.2	+00:13:44	300	0	2.0	#87 IRAC Stars	4	
0145.SA_97m351	15	7:47	05:57:37.2	+00:13:44	300	0	2.0	#87 IRAC Stars	4	
0146.COMP	5	7:48	05:57:37.2	+00:13:44	300	0	2.0	#87 IRAC Stars	4	
0147.SA_98m185	30	7:49	06:52:1.8	-00:27:21	300	0	2.0	#87 IRAC Stars	4	
0148.SA_98m185	30	7:50	06:52:1.8	-00:27:21	300	0	2.0	#87 IRAC Stars	4	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0149.COMP	5	7:51	06:52:1.8	-00:27:21	300	0	2.0	#87 IRAC Stars	4	
0150.SA_98m211	120	7:51	06:52:9.6	-00:29:20	300	0	2.0	#87 IRAC Stars	4	
0151.SA_98m211	120	7:54	06:52:9.6	-00:29:20	300	0	2.0	#87 IRAC Stars	4	
0152.COMP	5	7:56	06:52:9.6	-00:29:20	300	0	2.0	#87 IRAC Stars	4	
0153.SA_98m265	60	7:57	06:52:27.8	-00:32:20	300	0	2.0	#87 IRAC Stars	4	
0154.SA_98m265	60	7:58	06:52:27.8	-00:32:20	300	0	2.0	#87 IRAC Stars	4	
0155.COMP	5	7:59	06:52:27.8	-00:32:20	300	0	2.0	#87 IRAC Stars	4	
0156.SA_98m365	120	8:00	06:53:0.5	-00:35:29	300	0	2.0	#87 IRAC Stars	4	
0157.SA_98m365	120	8:03	06:53:0.5	-00:35:29	300	0	2.0	#87 IRAC Stars	4	
0158.COMP	5	8:05	06:53:0.5	-00:35:29	300	0	2.0	#87 IRAC Stars	4	
0159.SA_98m613	120	8:06	06:51:48.2	-00:26:30	300	0	2.0	#87 IRAC Stars	4	
0160.SA_98m613	120	8:08	06:51:48.2	-00:26:30	300	0	2.0	#87 IRAC Stars	4	
0161.COMP	5	8:11	06:51:48.2	-00:26:30	300	0	2.0	#87 IRAC Stars	4	
0162.Hiltner600	90	8:12	06:42:37	02:11:25	300	0	2.0	#87 IRAC Stars	4	std.
0163.Hiltner600	90	8:14	06:42:37	02:11:25	300	0	2.0	#87 IRAC Stars	4	
0164.COMP	5	8:16	06:42:37	02:11:25	300	0	2.0	#87 IRAC Stars	4	
0165.SN2000fa	600	8:25	07:15:29.8	+23:25:42	300	45	2.0	#2 SN Observat	2	ok
0166.SN2000fa	600	8:35	07:15:29.8	+23:25:42	300	45	2.0	#2 SN Observat	2	
0167.COMP	10	8:46	07:15:29.8	+23:25:42	300	45	2.0	#2 SN Observat	2	
0168.SN2000fe	600	8:50	09:14:55.1	+46:54:02	300	90	2.0	#2 SN Observat	2	

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<i>File</i>	<i>Exp Time</i>	<i>UT Start</i>	<i>RA</i>	<i>Dec</i>	<i>Gr.</i>	<i>P.A.</i>	<i>Slit</i>	<i>Program</i>	<i>Bin</i>	<i>Comments</i>
0169.COMP	10	9:00	09:14:55.1	+46:54:02	300	90	2.0	#2 SN Observat	2	
0170-0179.FLAT	18	9:11	09:14:55.1	+46:54:02	300	90	2.0	#2 SN Observat	2	
0180-0189.FLAT	9	9:16	09:14:55.1	+46:54:02	300	90	2.0	#2 SN Observat	4	
0190-0199.BIAS	0	9:18	09:14:55.1	+46:54:02	300	90	2.0	#2 SN Observat	4	
0200-0209.BIAS	0	9:21	09:14:55.1	+46:54:02	300	90	2.0	#2 SN Observat	2	
0210-0219.DARK	1200	12:37	09:14:55.1	+46:54:02	300	90	3.0	#2 SN Observat	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001-0010.BIAS	0	0:00	22:34:46.9	+34:09:43	300	90	3.0	#57 Velocity S	4	
0011-0020.FLAT	8	0:03	22:34:46.9	+34:09:43	300	90	3.0	#57 Velocity S	4	
0021-0030.BIAS	0	0:06	22:34:46.9	+34:09:43	300	90	3.0	#57 Velocity S	2	
0031-0040.FLAT	16	0:11	22:34:46.9	+34:09:43	300	90	3.0	#57 Velocity S	2	
0041-0045.sky	2	0:37	22:45:00	31:00:00	300	90	3.0	#57 Velocity S	4	
0046.COMP	5	0:38	22:45:00	31:00:00	300	90	3.0	#57 Velocity S	4	nice sunset
0047.M32	30	1:25	00:39:58	+40:35:30	300	90	3.0	#57 Velocity S	4	lots of thin clouds
0048.M32	30	1:25	00:39:58	+40:35:30	300	90	3.0	#57 Velocity S	4	
0049.COMP	5	1:26	00:39:58	+40:35:30	300	90	3.0	#57 Velocity S	4	
0050.163m217	300	1:29	00:40:33.3	+41:11:20	300	90	3.0	#57 Velocity S	4	Hi Susan!
0051.COMP	5	1:35	00:40:33.3	+41:11:20	300	90	3.0	#57 Velocity S	4	
0052.srgb090.131	180	1:36	01:11:37.6	+33:21:10	300	90	3.0	#59 X-Ray Grou	4	
0053.COMP	5	1:40	01:11:37.6	+33:21:10	300	90	3.0	#59 X-Ray Grou	4	
0054.srgb090.129	900	1:41	01:11:30.4	+33:35:33	300	90	3.0	#59 X-Ray Grou	4	v. wk; bu it is high cz and not part of Andi's cluster
0055.COMP	5	1:56	01:11:30.4	+33:35:33	300	90	3.0	#59 X-Ray Grou	4	
0056.srgb090.127	720	1:59	01:11:25.8	+33:35:24	300	90	3.0	#59 X-Ray Grou	4	
0057.COMP	5	2:11	01:11:25.8	+33:35:24	300	90	3.0	#59 X-Ray Grou	4	
0058.srgb090.128	600	2:12	01:11:26.2	+33:34:35	300	90	3.0	#59 X-Ray Grou	4	
0059.COMP	5	2:22	01:11:26.2	+33:34:35	300	90	3.0	#59 X-Ray Grou	4	
0060.srgb090.130	720	2:23	01:11:31.8	+33:03:25	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
0061.COMP	5	2:35	01:11:31.8	+33:03:25	300	90	3.0	#59 X-Ray Grou	4	
0062.srgb090.124	900	2:36	01:11:17.5	+31:44:21	300	90	3.0	#59 X-Ray Grou	4	clearing nicely
0063.COMP	5	2:51	01:11:17.5	+31:44:21	300	90	3.0	#59 X-Ray Grou	4	
0064.srgb090.123	720	2:51	01:11:16.7	+33:37:52	300	90	3.0	#59 X-Ray Grou	4	
0065.COMP	5	3:04	01:11:16.7	+33:37:52	300	90	3.0	#59 X-Ray Grou	4	
0066.srgb090.140	900	3:05	01:12:26.3	+31:40:51	300	90	3.0	#59 X-Ray Grou	4	
0067.COMP	5	3:20	01:12:26.3	+31:40:51	300	90	3.0	#59 X-Ray Grou	4	
0068.srgb090.119	900	3:21	01:11:03.6	+33:35:32	300	90	3.0	#59 X-Ray Grou	4	
0069.COMP	5	3:36	01:11:03.6	+33:35:32	300	90	3.0	#59 X-Ray Grou	4	
0070.srgb090.095	900	3:37	01:09:14.1	+31:05:23	300	90	3.0	#59 X-Ray Grou	4	wind picking up
0071.COMP	5	3:53	01:09:14.1	+31:05:23	300	90	3.0	#59 X-Ray Grou	4	
0072.a119c_691	900	3:55	00:54:25.8	-2:00:56	300	90	3.0	#64 Cluster In	4	
0073.COMP	5	4:10	00:54:25.8	-2:00:56	300	90	3.0	#64 Cluster In	4	
0074.a119c_690	600	4:11	01:02:57.3	-1:40:23	300	90	3.0	#64 Cluster In	4	windy!
0075.COMP	5	4:21	01:02:57.3	-1:40:23	300	90	3.0	#64 Cluster In	4	
0076.a119c_693	720	4:22	01:05:57.0	-2:29:01	300	90	3.0	#64 Cluster In	4	poor seeing
0077.COMP	5	4:35	01:05:57.0	-2:29:01	300	90	3.0	#64 Cluster In	4	
0078.a119c_696	600	4:36	00:48:12.2	-0:12:56	300	90	3.0	#64 Cluster In	4	
0079.COMP	5	4:46	00:48:12.2	-0:12:56	300	90	3.0	#64 Cluster In	4	
0080.SN2000eo	1200	4:52	03:09:08.2	-10:17:54	300	0	3.0	#2 SN Observat	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0081.COMP	10	5:13	03:09:08.2	-10:17:54	300	0	3.0	#2 SN Observat	2	
0082.SNngc1612	1200	5:16	04:33:15	-04:10:39	300	-10	3.0	#2 SN Observat	2	
0083.COMP	10	5:36	04:33:15	-04:10:39	300	-10	3.0	#2 SN Observat	2	
0084.vso34315	720	5:43	5:03:04.8	1:36:17	300	-10	3.0	#112 Orion PMS	4	moon's up
0085.COMP	5	5:55	5:03:04.8	1:36:17	300	-10	3.0	#112 Orion PMS	4	
0086.vso34892	600	5:56	5:03:30.5	1:39:29	300	0	3.0	#112 Orion PMS	4	
0087.COMP	5	6:06	5:03:30.5	1:39:29	300	0	3.0	#112 Orion PMS	4	
0088.vso37176	900	6:07	5:05:21.3	1:34:32	300	0	3.0	#112 Orion PMS	4	
0089.COMP	5	6:22	5:05:21.3	1:34:32	300	0	3.0	#112 Orion PMS	4	
0090.HZ14	420	6:23	04:41:01.0	+10:59:42	300	0	3.0	#56 Photometri	4	
0091.COMP	5	6:30	04:41:01.0	+10:59:42	300	0	3.0	#56 Photometri	4	
0092.vso71820	600	6:33	5:27:11.8	1:44:31	300	0	3.0	#112 Orion PMS	4	
0093.COMP	5	6:43	5:27:11.8	1:44:31	300	0	3.0	#112 Orion PMS	4	
0094.vso60815	900	6:44	5:20:49.1	1:34:22	300	0	3.0	#112 Orion PMS	4	
0095.COMP	5	7:00	5:20:49.1	1:34:22	300	0	3.0	#112 Orion PMS	4	
0096.vso74900	720	7:01	5:28:53.3	1:48:55	300	0	3.0	#112 Orion PMS	4	PMS*
0097.COMP	5	7:13	5:28:53.3	1:48:55	300	0	3.0	#112 Orion PMS	4	
0098.vso77324	420	7:14	5:30:11.8	1:56:16	300	0	3.0	#112 Orion PMS	4	
0099.COMP	5	7:21	5:30:11.8	1:56:16	300	0	3.0	#112 Orion PMS	4	
0100.vso79846	540	7:22	5:31:33.9	1:36:27	300	0	3.0	#112 Orion PMS	4	still v. windy

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0101.COMP	5	7:31	5:31:33.9	1:36:27	300	0	3.0	#112 Orion PMS	4	
0102.vso83769	720	7:32	5:33:54.5	1:34:08	300	0	3.0	#112 Orion PMS	4	PMS*
0103.COMP	5	7:44	5:33:54.5	1:34:08	300	0	3.0	#112 Orion PMS	4	
0104.vso85409	600	7:45	5:34:38.4	1:58:25	300	0	3.0	#112 Orion PMS	4	
0105.COMP	5	7:55	5:34:38.4	1:58:25	300	0	3.0	#112 Orion PMS	4	
0106.vso100550	540	7:57	5:42:50.3	1:35:40	300	0	3.0	#112 Orion PMS	4	
0107.COMP	5	8:07	5:42:50.3	1:35:40	300	0	3.0	#112 Orion PMS	4	
0108.vso100887	540	8:07	5:43:02.4	2:03:54	300	0	3.0	#112 Orion PMS	4	
0109.COMP	5	8:16	5:43:02.4	2:03:54	300	0	3.0	#112 Orion PMS	4	
0110.Hiltner600	45	8:18	06:45:12.0	+02:06:00	300	0	3.0	#56 Photometri	2	
0111.Hiltner600	45	8:19	06:45:12.0	+02:06:00	300	0	3.0	#56 Photometri	2	
0112.COMP	10	8:20	06:45:12.0	+02:06:00	300	0	3.0	#56 Photometri	2	
0113.SN2000fa	900	8:22	07:15:29.8	+23:25:42	300	-30	3.0	#2 SN Observat	2	
0114.COMP	10	8:38	07:15:29.8	+23:25:42	300	-30	3.0	#2 SN Observat	2	
0115.BGGem	180	8:41	6:03:31	27:41:50	300	90	3.0	#100 BGGem	2	
0116.BGGem	900	8:44	6:03:31	27:41:50	300	90	3.0	#100 BGGem	2	
0117.COMP	10	9:00	6:03:31	27:41:50	300	90	3.0	#100 BGGem	2	
0118-0127.BIAS	0	9:03	6:03:31	27:41:50	300	90	3.0	#100 BGGem	4	
0128-0137.FLAT	8	9:05	6:03:31	27:41:50	300	90	3.0	#100 BGGem	4	
0138-0147.BIAS	0	9:08	6:03:31	27:41:50	300	90	3.0	#100 BGGem	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>
0148-0157.FLAT	16	9:13	6:03:31	27:41:50	300	90	3.0	#100 BGGem	2	

UT Date 2000-12-17 Observers M CalkinsColl. Focus 1000 Grating/Grism 300

<i>File</i>	<i>Exp Time</i>	<i>UT Start</i>	<i>RA</i>	<i>Dec</i>	<i>Gr.</i>	<i>P.A.</i>	<i>Slit</i>	<i>Program</i>	<i>Bin</i>	<i>Comments</i>
0001-0004.DARK	900	1:22	23:57:28.0	31:30:03	300	90	3.0	#100 BGGem	4	
0005-0014.BIAS	0	1:39	23:59:04.0	31:30:03	300	90	3.0	#100 BGGem	4	
0015-0024.FLAT	6	1:42	00:02:37.0	31:30:03	300	90	3.0	#100 BGGem	4	
0025-0034.BIAS	0	1:45	00:05:49.0	31:30:03	300	90	3.0	#100 BGGem	2	
0035-0044.FLAT	12	1:50	00:11:02.0	31:30:03	300	90	3.0	#100 BGGem	2	
0045.Feige25	120	2:24	02:38:37.7	+05:28:11	300	90	3.0	#56 Photometri	4	
0046.COMP	5	2:26	02:38:37.7	+05:28:11	300	90	3.0	#56 Photometri	4	
0047.Feige25	120	2:27	02:38:37.7	+05:28:11	300	90	3.0	#56 Photometri	2	
0048.COMP	12	2:30	02:38:37.7	+05:28:11	300	90	3.0	#56 Photometri	2	
0049.M31	60	2:31	00:40:00.0	+40:59:42	300	90	3.0	#57 Velocity S	2	
0050.COMP	12	2:33	00:40:00.0	+40:59:42	300	90	3.0	#57 Velocity S	2	
0051.srgb090.051	900	2:38	01:07:03.8	+32:23:19	300	90	3.0	#59 X-Ray Grou	2	
0052.srgb090.051	900	2:53	01:07:03.8	+32:23:19	300	90	3.0	#59 X-Ray Grou	2	
0053.COMP	12	3:08	01:07:03.8	+32:23:19	300	90	3.0	#59 X-Ray Grou	2	
0054.srgb037.079	1200	3:13	23:33:25.5	+03:18:35	300	29	3.0	#59 X-Ray Grou	2	
0055.COMP	12	3:34	23:33:25.5	+03:18:35	300	29	3.0	#59 X-Ray Grou	2	
0056.srgb090.113	900	3:37	01:10:44.6	+33:01:49	300	90	3.0	#59 X-Ray Grou	2	
0057.COMP	12	3:53	01:10:44.6	+33:01:49	300	90	3.0	#59 X-Ray Grou	2	
0058.srgb090.114	1200	3:55	01:10:48.4	+33:34:38	300	90	3.0	#59 X-Ray Grou	2	
0059.COMP	12	4:18	01:10:48.4	+33:34:38	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
0060.srgb090.120	900	4:20	01:11:05.2	+33:35:06	300	90	3.0	#59 X-Ray Grou	2	
0061.srgb090.120	900	4:35	01:11:05.2	+33:35:06	300	90	3.0	#59 X-Ray Grou	2	
0062.COMP	12	4:51	01:11:05.2	+33:35:06	300	90	3.0	#59 X-Ray Grou	2	
0063.SN2000cx	1200	5:01	01:24:46.1	+09:30:30	300	45	3.0	#2 SN Observat	2	
0064.COMP	12	5:21	01:24:46.1	+09:30:30	300	45	3.0	#2 SN Observat	2	
0065.Feige25	120	5:24	02:38:37.7	+05:28:11	300	28	3.0	#56 Photometri	2	
0066.COMP	12	5:27	02:38:37.7	+05:28:11	300	28	3.0	#56 Photometri	2	
0067.sngc1612	1200	5:36	04:33:15.0	-04:10:39	300	-14	3.0	#2 SN Observat	2	
0068.COMP	12	5:56	04:33:15.0	-04:10:39	300	-14	3.0	#2 SN Observat	2	
0069.024042p01330_a	900	6:01	02:43:23.8	01:45:24	300	90	3.0	#113 Galaxy In	2	
0070.COMP	12	6:16	02:43:23.8	01:45:24	300	90	3.0	#113 Galaxy In	2	
0071.024042p01330_b	1200	6:44	02:43:14.8	01:39:44	300	90	3.0	#113 Galaxy In	2	
0072.COMP	12	7:06	02:43:14.8	01:39:44	300	90	3.0	#113 Galaxy In	2	
0073.024624p02580_a	900	7:08	02:48:58.7	03:10:07	300	70	3.0	#113 Galaxy In	2	
0074.COMP	12	7:24	02:48:58.7	03:10:07	300	70	3.0	#113 Galaxy In	2	
0075.024624p02580_b	1020	7:25	02:49:03.2	03:12:11	300	70	3.0	#113 Galaxy In	2	
0076.024624p02580_b	1020	7:42	02:49:03.2	03:12:11	300	70	3.0	#113 Galaxy In	2	
0077.COMP	12	8:00	02:49:03.2	03:12:11	300	70	3.0	#113 Galaxy In	2	
0078.vso101793	900	8:04	5:43:35.3	1:57:06	300	90	3.0	#112 Orion PMS	2	
0079.COMP	12	8:19	5:43:35.3	1:57:06	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>
0080.vso103605	900	8:21	5:44:38.7	2:05:24	300	90	3.0	#112 Orion PMS	2	
0081.COMP	12	8:37	5:44:38.7	2:05:24	300	90	3.0	#112 Orion PMS	2	
0082.vso106133	720	8:38	5:45:58.6	1:43:48	300	90	3.0	#112 Orion PMS	2	
0083.COMP	12	8:51	5:45:58.6	1:43:48	300	90	3.0	#112 Orion PMS	2	
0084.vso111630	900	8:51	5:48:38.8	1:34:10	300	90	3.0	#112 Orion PMS	2	
0085.COMP	12	9:07	5:48:38.8	1:34:10	300	90	3.0	#112 Orion PMS	2	
0086.vso116590	900	9:08	5:51:14.6	1:54:14	300	90	3.0	#112 Orion PMS	2	
0087.COMP	12	9:23	5:51:14.6	1:54:14	300	90	3.0	#112 Orion PMS	2	
0088.vso117613	1200	9:24	5:51:54.4	1:42:25	300	90	3.0	#112 Orion PMS	2	
0089.COMP	12	9:45	5:51:54.4	1:42:25	300	90	3.0	#112 Orion PMS	2	
0090.vso118063	720	9:47	5:52:07.1	1:53:15	300	90	3.0	#112 Orion PMS	2	
0091.COMP	12	10:00	5:52:07.1	1:53:15	300	90	3.0	#112 Orion PMS	2	
0092.vso119320	600	10:03	5:52:38.5	1:43:57	300	90	3.0	#112 Orion PMS	2	
0093.COMP	12	10:14	5:52:38.5	1:43:57	300	90	3.0	#112 Orion PMS	2	
0094.vso120999	900	10:15	5:53:40.2	1:35:49	300	90	3.0	#112 Orion PMS	2	
0095.COMP	12	10:30	5:53:40.2	1:35:49	300	90	3.0	#112 Orion PMS	2	
0096-0105.BIAS	0	10:35	5:53:40.2	1:35:49	300	90	3.0	#112 Orion PMS	4	
0106-0115.FLAT	6	10:38	5:53:40.2	1:35:49	300	90	3.0	#112 Orion PMS	4	
0116-0125.BIAS	0	10:42	5:53:40.2	1:35:49	300	90	3.0	#112 Orion PMS	2	
0126-0135.FLAT	12	10:46	5:53:40.2	1:35:49	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>
0136-0145.DARK	900	13:07	5:53:40.2	1:35:49	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
0001-0002.DARK	900	23:28	22:07:27.0	31:30:04	300	90	3.0	#112 Orion PMS	4	
0003-0005.DARK	900	0:14	22:53:02.0	31:30:03	300	90	3.0	#112 Orion PMS	4	
0006-0015.BIAS	0	0:52	23:16:03.0	31:30:03	300	90	3.0	#112 Orion PMS	4	
0016-0025.FLAT	6	0:59	23:22:56.0	31:30:03	300	90	3.0	#112 Orion PMS	4	
0026-0035.BIAS	0	1:02	23:26:16.0	31:30:03	300	90	3.0	#112 Orion PMS	2	
0036-0045.FLAT	12	1:07	23:31:39.0	31:30:03	300	90	3.0	#112 Orion PMS	2	
0046.BDp284211	60	1:45	21:51:11.0	+28:51:50	300	90	3.0	#56 Photometri	4	
0047.BDp284211	60	1:46	21:51:11.0	+28:51:50	300	90	3.0	#56 Photometri	4	
0048.COMP	5	1:47	21:51:11.0	+28:51:50	300	90	3.0	#56 Photometri	4	
0049.BDp284211	30	1:49	21:51:11.0	+28:51:50	300	90	3.0	#56 Photometri	2	
0050.BDp284211	30	1:49	21:51:11.0	+28:51:50	300	90	3.0	#56 Photometri	2	
0051.COMP	12	1:50	21:51:11.0	+28:51:50	300	90	3.0	#56 Photometri	2	
0052.BDp284211	45	1:52	21:51:11.0	+28:51:50	300	76	3.0	#56 Photometri	2	
0053.BDp284211	45	1:53	21:51:11.0	+28:51:50	300	76	3.0	#56 Photometri	2	
0054.COMP	12	1:54	21:51:11.0	+28:51:50	300	76	3.0	#56 Photometri	2	
0055.M31	90	1:59	00:40:00.0	+40:59:42	300	90	3.0	#57 Velocity S	2	
0056.COMP	12	2:01	00:40:00.0	+40:59:42	300	90	3.0	#57 Velocity S	2	
0057.022017p570420	600	2:05	02:20:17.1	+57:04:20	300	90	3.0	#83 h/chi Pers	2	
0058.COMP	12	2:15	02:20:17.1	+57:04:20	300	90	3.0	#83 h/chi Pers	2	
0059.022018p570822	720	2:17	02:20:18.8	+57:08:22	300	90	3.0	#83 h/chi Pers	2	row=83

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0060.COMP	12	2:29	02:20:18.8	+57:08:22	300	90	3.0	#83 h/chi Pers	2	
0061.022018p571832	720	2:31	02:20:18.6	+57:18:32	300	90	3.0	#83 h/chi Pers	2	row=83
0062.COMP	12	2:44	02:20:18.6	+57:18:32	300	90	3.0	#83 h/chi Pers	2	
0063.022019p571811	600	2:46	02:20:19.4	+57:18:11	300	90	3.0	#83 h/chi Pers	2	
0064.COMP	12	2:56	02:20:19.4	+57:18:11	300	90	3.0	#83 h/chi Pers	2	
0065.022020p571636	600	2:57	02:20:20.1	+57:16:36	300	90	3.0	#83 h/chi Pers	2	
0066.COMP	12	3:07	02:20:20.1	+57:16:36	300	90	3.0	#83 h/chi Pers	2	
0067.022024p570139	480	3:08	02:20:24.6	+57:01:39	300	90	3.0	#83 h/chi Pers	2	
0068.COMP	12	3:17	02:20:24.6	+57:01:39	300	90	3.0	#83 h/chi Pers	2	
0069.022026p571144	480	3:18	02:20:26.3	+57:11:44	300	90	3.0	#83 h/chi Pers	2	
0070.COMP	12	3:26	02:20:26.3	+57:11:44	300	90	3.0	#83 h/chi Pers	2	
0071.022027p571422	480	3:28	02:20:27.8	+57:14:22	300	90	3.0	#83 h/chi Pers	2	
0072.COMP	12	3:36	02:20:27.8	+57:14:22	300	90	3.0	#83 h/chi Pers	2	
0073.022029p571047	540	3:37	02:20:29.1	+57:10:47	300	90	3.0	#83 h/chi Pers	2	
0074.COMP	12	3:47	02:20:29.1	+57:10:47	300	90	3.0	#83 h/chi Pers	2	
0075.022029p571050	720	3:48	02:20:29.2	+57:10:50	300	90	3.0	#83 h/chi Pers	2	
0076.COMP	12	4:00	02:20:29.2	+57:10:50	300	90	3.0	#83 h/chi Pers	2	
0077.022031p565856	600	4:02	02:20:31.4	+56:58:56	300	90	3.0	#83 h/chi Pers	2	
0078.COMP	12	4:12	02:20:31.4	+56:58:56	300	90	3.0	#83 h/chi Pers	2	
0079.022032p570312	720	4:13	02:20:33.0	+57:03:12	300	90	3.0	#83 h/chi Pers	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0080.COMP	12	4:25	02:20:33.0	+57:03:12	300	90	3.0	#83 h/chi Pers	2	
0081.025548m02140_a	1200	4:29	02:58:21.4	-02:02:27	300	90	3.0	#113 Galaxy In	2	
0082.025548m02140_a	1200	4:49	02:58:21.4	-02:02:27	300	90	3.0	#113 Galaxy In	2	
0083.COMP	12	5:10	02:58:21.4	-02:02:27	300	90	3.0	#113 Galaxy In	2	
0084.025548m02140_b	900	5:11	02:58:35.2	-01:59:18	300	90	3.0	#113 Galaxy In	2	
0085.025548m02140_b	900	5:26	02:58:35.2	-01:59:18	300	90	3.0	#113 Galaxy In	2	
0086.COMP	12	5:42	02:58:35.2	-01:59:18	300	90	3.0	#113 Galaxy In	2	
0087.SN2000eo	900	5:48	03:09:08.2	-10:17:54	300	18	3.0	#2 SN Observat	2	
0088.SN2000eo	900	6:03	03:09:08.2	-10:17:54	300	18	3.0	#2 SN Observat	2	
0089.COMP	12	6:19	03:09:08.2	-10:17:54	300	18	3.0	#2 SN Observat	2	
0090.025912p28550_b	900	6:33	03:02:13.1	29:08:28	300	90	3.0	#113 Galaxy In	2	
0091.COMP	12	6:49	03:02:13.1	29:08:28	300	90	3.0	#113 Galaxy In	2	
0092.sn_--	600	6:55	03:03:34.9	46:23:12	300	90	3.0	#2 SN Observat	2	
0093.COMP	12	7:05	03:03:34.9	46:23:12	300	90	3.0	#2 SN Observat	2	
0094.030006p46120_b	900	7:07	03:03:49.3	46:25:04	300	90	3.0	#113 Galaxy In	2	row=81
0095.030006p46120_b	900	7:22	03:03:49.3	46:25:04	300	90	3.0	#113 Galaxy In	2	row=81
0096.COMP	12	7:37	03:03:49.3	46:25:04	300	90	3.0	#113 Galaxy In	2	
0097.030242m00210_a	900	7:40	03:05:18.2	-00:09:36	300	90	3.0	#113 Galaxy In	2	
0098.030242m00210_a	900	7:55	03:05:18.2	-00:09:36	300	90	3.0	#113 Galaxy In	2	
0099.COMP	12	8:11	03:05:18.2	-00:09:36	300	90	3.0	#113 Galaxy In	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>
0100.030242m00210_b	1020	8:12	03:05:23.3	-00:14:31	300	90	3.0	#113 Galaxy In	2	
0101.030242m00210_b	1020	8:30	03:05:23.3	-00:14:31	300	90	3.0	#113 Galaxy In	2	
0102.COMP	12	8:47	03:05:23.3	-00:14:31	300	90	3.0	#113 Galaxy In	2	
0103.SN2000fa	1200	8:55	07:15:29.8	+23:25:42	300	2	3.0	#2 SN Observat	2	
0104.COMP	12	9:16	07:15:29.8	+23:25:42	300	2	3.0	#2 SN Observat	2	
0105-0114.BIAS	0	9:25	07:15:29.8	+23:25:42	300	90	3.0	#2 SN Observat	4	
0115-0124.FLAT	6	9:28	07:15:29.8	+23:25:42	300	90	3.0	#2 SN Observat	4	
0125-0134.BIAS	0	9:31	07:15:29.8	+23:25:42	300	90	3.0	#2 SN Observat	2	
0135-0144.FLAT	12	9:36	07:15:29.8	+23:25:42	300	90	3.0	#2 SN Observat	2	
0145-0154.DARK	900	11:57	07:15:29.8	+23:25:42	300	90	3.0	#2 SN Observat	2	

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<i>File</i>	<i>Exp Time</i>	<i>UT Start</i>	<i>RA</i>	<i>Dec</i>	<i>Gr.</i>	<i>P.A.</i>	<i>Slit</i>	<i>Program</i>	<i>Bin</i>	<i>Comments</i>
0001-0002.DARK	900	0:31	23:13:44.0	31:30:03	600	90	2.0	none	2	
0003-0012.BIAS	0	2:21	02:11:19.3	+15:53:01	600	90	2.0	#88f Mass Func	2	
0013-0022.FLAT	35	2:29	02:11:19.3	+15:53:01	600	90	2.0	#88f Mass Func	2	
0023.BDp284211	90	2:36	21:51:11.0	+28:51:50	600	74	2.0	#56 Photometri	2	
0024.BDp284211	90	2:38	21:51:11.0	+28:51:50	600	74	2.0	#56 Photometri	2	
0025.COMP	30	2:40	21:51:11.0	+28:51:50	600	74	2.0	#56 Photometri	2	
0026.MF2362	600	2:43	02:11:19.3	+15:53:01	600	88	2.0	#88f Mass Func	2	
0027.MF2362	600	2:53	02:11:19.3	+15:53:01	600	88	2.0	#88f Mass Func	2	
0028.COMP	30	3:04	02:11:19.3	+15:53:01	600	88	2.0	#88f Mass Func	2	
0029.MF2485	600	3:06	02:40:32.8	+14:17:52	600	38	2.0	#88f Mass Func	2	
0030.MF2485	600	3:17	02:40:32.8	+14:17:52	600	38	2.0	#88f Mass Func	2	
0031.COMP	30	3:27	02:40:32.8	+14:17:52	600	38	2.0	#88f Mass Func	2	
0032.MF2485	600	3:30	02:54:47.1	15:35:22	600	45	2.0	#88f Mass Func	2	
0033.MF2485	600	3:41	02:54:47.1	15:35:22	600	45	2.0	#88f Mass Func	2	
0034.COMP	30	3:51	02:54:47.1	15:35:22	600	45	2.0	#88f Mass Func	2	
0035.MF2560	600	3:53	03:20:50.8	+15:56:35	600	45	2.0	#88f Mass Func	2	
0036.MF2560	600	4:03	03:20:50.8	+15:56:35	600	45	2.0	#88f Mass Func	2	
0037.COMP	30	4:14	03:20:50.8	+15:56:35	600	45	2.0	#88f Mass Func	2	
0038.COMP	30	4:17	03:37:50.8	4:56:55	600	45	2.0	#88f Mass Func	2	
0039.MF7145	900	4:18	03:37:50.8	4:56:55	600	90	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>
0040.MF7145	900	4:34	03:37:50.8	4:56:55	600	90	2.0	#88f Mass Func	2	
0041.MF7145	900	4:49	03:37:50.8	4:56:55	600	90	2.0	#88f Mass Func	2	
0042.COMP	30	5:05	03:37:50.8	4:56:55	600	90	2.0	#88f Mass Func	2	
0043.MF7018	450	5:08	03:35:38.0	11:02:45	600	50	2.0	#88f Mass Func	2	
0044.MF7018	450	5:16	03:35:38.0	11:02:45	600	50	2.0	#88f Mass Func	2	
0045.COMP	30	5:24	03:35:38.0	11:02:45	600	50	2.0	#88f Mass Func	2	
0046.MF7052	720	5:31	05:28:58.2	74:54:40	600	-20	2.0	#88f Mass Func	2	
0047.MF7052	720	5:43	05:28:58.2	74:54:40	600	-20	2.0	#88f Mass Func	2	
0048.COMP	30	5:55	05:28:58.2	74:54:40	600	-20	2.0	#88f Mass Func	2	
0049.MF4001	900	6:02	06:51:3.0	48:43:29	600	-40	2.0	#88f Mass Func	2	
0050.MF4001	900	6:18	06:51:3.0	48:43:29	600	-40	2.0	#88f Mass Func	2	
0051.COMP	30	6:33	06:51:3.0	48:43:29	600	-40	2.0	#88f Mass Func	2	
0052.MF4007	720	6:44	07:09:44.8	48:41:26	600	-28	2.0	#88f Mass Func	2	
0053.MF4007	720	6:57	07:09:44.8	48:41:26	600	-28	2.0	#88f Mass Func	2	
0054.COMP	30	7:09	07:09:44.8	48:41:26	600	-28	2.0	#88f Mass Func	2	
0055.COMP	30	7:26	07:36:57.1	58:46:13	600	-28	2.0	#88f Mass Func	2	
0056.MF7068	900	7:27	07:36:57.1	58:46:13	600	25	2.0	#88f Mass Func	2	
0057.MF7068	900	7:42	07:36:57.1	58:46:13	600	25	2.0	#88f Mass Func	2	
0058.MF7068	900	7:57	07:36:57.1	58:46:13	600	25	2.0	#88f Mass Func	2	
0059.COMP	30	8:13	07:36:57.1	58:46:13	600	25	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>
0060.MF2725	450	8:16	07:25:37.2	+29:57:14	600	-38	2.0	#88f Mass Func	2	
0061.MF2725	450	8:24	07:25:37.2	+29:57:14	600	-38	2.0	#88f Mass Func	2	
0062.COMP	30	8:31	07:25:37.2	+29:57:14	600	-38	2.0	#88f Mass Func	2	
0063.COMP	30	8:36	07:31:7.1	59:28:53	600	80	2.0	#88f Mass Func	2	
0064.MF7034	900	8:38	07:31:7.1	59:28:53	600	80	2.0	#88f Mass Func	2	
0065.MF7034	900	8:53	07:31:7.1	59:28:53	600	80	2.0	#88f Mass Func	2	
0066.COMP	30	9:09	07:31:7.1	59:28:53	600	80	2.0	#88f Mass Func	2	
0067.COMP	30	9:14	7:14:21.7	+35:23:56	600	80	2.0	#88f Mass Func	2	
0068.MF4004	900	9:15	7:14:21.7	+35:23:56	600	-37	2.0	#88f Mass Func	2	
0069.MF4004	900	9:30	7:14:21.7	+35:23:56	600	-37	2.0	#88f Mass Func	2	
0070.MF4004	900	9:45	7:14:21.7	+35:23:56	600	-37	2.0	#88f Mass Func	2	
0071.COMP	30	10:01	7:14:21.7	+35:23:56	600	-37	2.0	#88f Mass Func	2	
0072.MF2849	450	10:03	08:13:18.3	+34:55:57	600	-60	2.0	#88f Mass Func	2	
0073.MF2849	450	10:11	08:13:18.3	+34:55:57	600	-60	2.0	#88f Mass Func	2	
0074.COMP	30	10:19	08:13:18.3	+34:55:57	600	-60	2.0	#88f Mass Func	2	
0075.COMP	30	10:22	8:1:15.6	+32:50:56	600	-60	2.0	#88f Mass Func	2	
0076.MF4011	900	10:23	8:1:15.6	+32:50:56	600	-25	2.0	#88f Mass Func	2	
0077.MF4011	900	10:38	8:1:15.6	+32:50:56	600	-25	2.0	#88f Mass Func	2	
0078.COMP	30	10:53	8:1:15.6	+32:50:56	600	-25	2.0	#88f Mass Func	2	
0079.COMP	30	10:57	06:31:35.2	74:25:55	600	-25	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>
0080.MF7124	900	10:58	06:31:35.2	74:25:55	600	-5	2.0	#88f Mass Func	2	
0081.MF7124	900	11:13	06:31:35.2	74:25:55	600	-5	2.0	#88f Mass Func	2	
0082.COMP	30	11:29	06:31:35.2	74:25:55	600	-5	2.0	#88f Mass Func	2	
0083.MF2862	450	11:32	08:19:05.1	+21:47:28	600	-25	2.0	#88f Mass Func	2	
0084.MF2862	450	11:40	08:19:05.1	+21:47:28	600	-25	2.0	#88f Mass Func	2	
0085.COMP	30	11:48	08:19:05.1	+21:47:28	600	-25	2.0	#88f Mass Func	2	
0086.COMP	30	11:50	07:18:43.2	63:11:09	600	-25	2.0	#88f Mass Func	2	
0087.MF7032	900	11:51	07:18:43.2	63:11:09	600	-28	2.0	#88f Mass Func	2	
0088.MF7032	900	12:06	07:18:43.2	63:11:09	600	-28	2.0	#88f Mass Func	2	
0089.MF7032	900	12:21	07:18:43.2	63:11:09	600	-28	2.0	#88f Mass Func	2	
0090.COMP	30	12:38	07:18:43.2	63:11:09	600	-28	2.0	#88f Mass Func	2	
0091.MF2950	450	12:40	08:54:08.7	+17:25:48	600	-45	2.0	#88f Mass Func	2	
0092.MF2950	450	12:48	08:54:08.7	+17:25:48	600	-45	2.0	#88f Mass Func	2	
0093.COMP	30	12:56	08:54:08.7	+17:25:48	600	-45	2.0	#88f Mass Func	2	
0094.MF4018	450	13:00	9:3:11.3	+13:37:56	600	45	2.0	#88f Mass Func	2	
0095.MF4018	450	13:08	9:3:11.3	+13:37:56	600	45	2.0	#88f Mass Func	2	
0096.COMP	30	13:16	9:3:11.3	+13:37:56	600	45	2.0	#88f Mass Func	2	
0097.HZ44	120	13:18	13:23:35.2	+36:07:59	600	90	2.0	#56 Photometri	2	
0098.HZ44	120	13:20	13:23:35.2	+36:07:59	600	90	2.0	#56 Photometri	2	
0099.COMP	30	13:23	13:23:35.2	+36:07:59	600	90	2.0	#56 Photometri	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>
0100-0104.sky	2	14:11	13:23:35.2	+36:07:59	600	90	2.0	#57 Velocity S	2	
0105.COMP	30	14:12	13:23:35.2	+36:07:59	600	90	2.0	#57 Velocity S	2	
0106-0115.BIAS	0	14:17	13:23:35.2	+36:07:59	600	90	2.0	#57 Velocity S	2	
0116-0125.FLAT	35	14:25	13:23:35.2	+36:07:59	600	90	2.0	#57 Velocity S	2	
0126-0135.DARK	900	16:44	13:23:35.2	+36:07:59	600	90	2.0	#57 Velocity S	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001-0010.BIAS	0	0:39	23:11:18.0	31:30:03	600	90	2.0	#57 Velocity S	2	
0011-0025.FLAT	30	0:50	23:22:40.0	31:30:03	600	90	2.0	#57 Velocity S	2	
0026.HD217086	7	1:10	22:56:47.1	+62:43:37	600	90	2.0	#56 Photometri	2	600-line; 2-sec slit; tilt=744 em
0027.HD217086	7	1:11	22:56:47.1	+62:43:37	600	90	2.0	#56 Photometri	2	lots of clouds @ sunset; clearing early
0028.HD217086	7	1:11	22:56:47.1	+62:43:37	600	90	2.0	#56 Photometri	2	
0029.COMP	10	1:12	22:56:47.1	+62:43:37	600	90	2.0	#56 Photometri	2	
0030.BDp284211	60	1:14	21:51:11.0	+28:51:50	600	77	2.0	#56 Photometri	2	
0031.BDp284211	60	1:17	21:51:11.0	+28:51:50	600	77	2.0	#56 Photometri	2	
0032.COMP	10	1:18	21:51:11.0	+28:51:50	600	77	2.0	#56 Photometri	2	
0033.COMP	10	1:21	22:51:58.6	17:18:14	600	77	2.0	#88f Mass Func	2	
0034.MF7091	600	1:22	22:51:58.6	17:18:14	600	70	2.0	#88f Mass Func	2	
0035.MF7091	600	1:32	22:51:58.6	17:18:14	600	70	2.0	#88f Mass Func	2	
0036.COMP	10	1:42	22:51:58.6	17:18:14	600	70	2.0	#88f Mass Func	2	no more em gals to observe; swithc to abs setup
0037.BIAS	0	1:53	00:30:00	32:00:00	600	70	2.0	#88f Mass Func	2	P.I.'s say No objects are observble. Go to bed.
0038.COMP	10	1:54	00:30:00	32:00:00	600	90	2.0	#88f Mass Func	2	600-line; 2-sec slit; tilt=496 abs
0039-0048.FLAT	55	2:05	00:30:00	32:00:00	600	90	2.0	#88f Mass Func	2	
0049.HD217086	7	2:11	22:56:47.1	+62:43:37	600	90	2.0	#56 Photometri	2	
0050.HD217086	7	2:12	22:56:47.1	+62:43:37	600	90	2.0	#56 Photometri	2	
0051.HD217086	7	2:12	22:56:47.1	+62:43:37	600	90	2.0	#56 Photometri	2	
0052.COMP	20	2:13	22:56:47.1	+62:43:37	600	90	2.0	#56 Photometri	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0053.BDp284211	90	2:15	21:51:11.0	+28:51:50	600	75	2.0	#56 Photometri	2	
0054.BDp284211	90	2:17	21:51:11.0	+28:51:50	600	75	2.0	#56 Photometri	2	
0055.BDp284211	90	2:18	21:51:11.0	+28:51:50	600	75	2.0	#56 Photometri	2	
0056.COMP	10	2:20	21:51:11.0	+28:51:50	600	75	2.0	#56 Photometri	2	
0057.NGC7331	180	2:23	22:34:46	34:09:21	600	-10	2.0	#88f Mass Func	2	
0058.NGC7331	180	2:27	22:34:46	34:09:21	600	-10	2.0	#88f Mass Func	2	
0059.COMP	20	2:30	22:34:46	34:09:21	600	-10	2.0	#88f Mass Func	2	
0060.NGC7331	90	2:31	00:39:58	40:35:26	600	-10	2.0	#88f Mass Func	2	
0061.M32	90	2:33	00:39:58	40:35:26	600	-10	2.0	#88f Mass Func	2	
0062.COMP	20	2:35	00:39:58	40:35:26	600	-10	2.0	#88f Mass Func	2	pause to align ccd
0063-0072.FLAT	55	3:28	01:30:00	32:00:00	600	87	2.0	#88f Mass Func	2	
0073.COMP	20	3:29	01:30:00	32:00:00	600	87	2.0	#88f Mass Func	2	
0074.NGC0821	240	3:33	02:05:40	10:45:32	600	25	2.0	#88f Mass Func	2	
0075.NGC0821	240	3:37	02:05:40	10:45:32	600	25	2.0	#88f Mass Func	2	
0076.COMP	20	3:42	02:05:40	10:45:32	600	25	2.0	#88f Mass Func	2	
0077.NGC1023	180	3:44	02:37:16	38:50:55	600	87	2.0	#88f Mass Func	2	great sky; clear; good seeing
0078.NGC1023	180	3:47	02:37:16	38:50:55	600	87	2.0	#88f Mass Func	2	
0079.COMP	20	3:50	02:37:16	38:50:55	600	87	2.0	#88f Mass Func	2	
0080.HD6186	30	3:52	01:02:56.6	07:53:24	600	87	2.0	#88f Velocity	2	
0081.HD6186	30	3:53	01:02:56.6	07:53:24	600	87	2.0	#88f Velocity	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0082.HD6186	30	3:53	01:02:56.6	07:53:24	600	87	2.0	#88f Velocity	2	
0083.COMP	20	3:54	01:02:56.6	07:53:24	600	87	2.0	#88f Velocity	2	
0084.HD10761	30	3:55	01:45:23.6	09:09:27	600	87	2.0	#88f Velocity	2	
0085.HD10761	30	3:56	01:45:23.6	09:09:27	600	87	2.0	#88f Velocity	2	
0086.HD10761	30	3:57	01:45:23.6	09:09:27	600	87	2.0	#88f Velocity	2	
0087.COMP	20	3:58	01:45:23.6	09:09:27	600	87	2.0	#88f Velocity	2	
0088.HD7318	30	3:59	01:13:45.0	24:35:01	600	87	2.0	#88f Velocity	2	
0089.HD7318	30	4:00	01:13:45.0	24:35:01	600	87	2.0	#88f Velocity	2	
0090.HD7318	30	4:01	01:13:45.0	24:35:01	600	87	2.0	#88f Velocity	2	
0091.COMP	20	4:02	01:13:45.0	24:35:01	600	87	2.0	#88f Velocity	2	
0092.HD25604	40	4:03	04:04:41.7	22:04:54	600	87	2.0	#88f Velocity	2	
0093.HD25604	30	4:04	04:04:41.7	22:04:54	600	87	2.0	#88f Velocity	2	
0094.HD25604	30	4:05	04:04:41.7	22:04:54	600	87	2.0	#88f Velocity	2	
0095.COMP	20	4:06	04:04:41.7	22:04:54	600	87	2.0	#88f Velocity	2	
0096.MF7145	600	4:07	03:37:51	04:56:55	600	87	2.0	#88f Mass Func	2	
0097.MF7145	600	4:17	03:37:51	04:56:55	600	87	2.0	#88f Mass Func	2	
0098.COMP	20	4:28	03:37:51	04:56:55	600	87	2.0	#88f Mass Func	2	
0099.COMP	20	4:29	03:35:38	11:02:45	600	87	2.0	#88f Mass Func	2	
0100.MF7018	1200	4:30	03:35:38	11:02:45	600	50	2.0	#88f Mass Func	2	windy!
0101.MF7018	1200	4:51	03:35:38	11:02:45	600	50	2.0	#88f Mass Func	2	

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0102.MF7018	1200	5:11	03:35:38	11:02:45	600	50	2.0	#88f Mass Func	2	
0103.COMP	20	5:32	03:35:38	11:02:45	600	50	2.0	#88f Mass Func	2	
0104.COMP	20	5:42	05:28:58.2	74:54:40	600	50	2.0	#88f Mass Func	2	
0105.MF7052	1200	5:43	05:28:58.2	74:54:40	600	50	2.0	#88f Mass Func	2	
0106.MF7052	1200	6:04	05:28:58.2	74:54:40	600	50	2.0	#88f Mass Func	2	
0107.MF7052	1200	6:24	05:28:58.2	74:54:40	600	50	2.0	#88f Mass Func	2	
0108.COMP	20	6:45	05:28:58.2	74:54:40	600	50	2.0	#88f Mass Func	2	
0109.COMP	20	6:49	06:51:00	48:43:29	600	50	2.0	#88f Mass Func	2	
0110.MF4001	900	6:50	06:51:00	48:43:29	600	-40	2.0	#88f Mass Func	2	
0111.MF4001	900	7:05	06:51:00	48:43:29	600	-40	2.0	#88f Mass Func	2	
0112.MF4001	900	7:23	06:51:00	48:43:29	600	-40	2.0	#88f Mass Func	2	
0113.COMP	20	7:38	06:51:00	48:43:29	600	-40	2.0	#88f Mass Func	2	
0114.MF4004	600	7:41	7:14:21.7	+35:23:56	600	-37	2.0	#88f Mass Func	2	
0115.MF4004	600	7:51	7:14:21.7	+35:23:56	600	-37	2.0	#88f Mass Func	2	
0116.COMP	20	8:02	7:14:21.7	+35:23:56	600	-37	2.0	#88f Mass Func	2	
0117.COMP	20	8:05	07:18:43.2	63:11:09	600	-28	2.0	#88f Mass Func	2	
0118.MF7032	1200	8:05	07:18:43.2	63:11:09	600	-28	2.0	#88f Mass Func	2	
0119.MF7032	1200	8:26	07:18:43.2	63:11:09	600	-28	2.0	#88f Mass Func	2	
0120.MF7032	1200	8:46	07:18:43.2	63:11:09	600	-28	2.0	#88f Mass Func	2	
0121.COMP	20	9:07	07:18:43.2	63:11:09	600	-28	2.0	#88f Mass Func	2	

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0122.MF4011	600	9:09	8:1:15.6	+32:50:56	600	-28	2.0	#88f Mass Func	2	
0123.MF4011	600	9:19	8:1:15.6	+32:50:56	600	-25	2.0	#88f Mass Func	2	
0124.COMP	20	9:30	8:1:15.6	+32:50:56	600	-25	2.0	#88f Mass Func	2	
0125.COMP	20	9:32	07:59:51.3	56:54:54	600	-5	2.0	#88f Mass Func	2	
0126.MF7112	600	9:33	07:59:51.3	56:54:54	600	-5	2.0	#88f Mass Func	2	
0127.MF7112	600	9:44	07:59:51.3	56:54:54	600	-5	2.0	#88f Mass Func	2	
0128.MF7112	600	9:54	07:59:51.3	56:54:54	600	-5	2.0	#88f Mass Func	2	
0129.COMP	20	10:05	07:59:51.3	56:54:54	600	-5	2.0	#88f Mass Func	2	
0130.COMP	20	10:07	08:46:20	47:09:22	600	-5	2.0	#88f Mass Func	2	
0131.MF2935NS	900	10:08	08:46:20	47:09:22	600	12	2.0	#88f Mass Func	2	N and S gals in slit; N @ row 86; S @ row 73
0132.MF2935NS	900	10:23	08:46:20	47:09:22	600	12	2.0	#88f Mass Func	2	
0133.MF2935NS	900	10:38	08:46:20	47:09:22	600	12	2.0	#88f Mass Func	2	
0134.COMP	20	10:54	08:46:20	47:09:22	600	12	2.0	#88f Mass Func	2	
0135.COMP	20	10:56	9:9:37.4	+19:28:8	600	-10	2.0	#88f Mass Func	2	
0136.MF4022	720	10:58	9:9:37.4	+19:28:8	600	-10	2.0	#88f Mass Func	2	
0137.MF4022	720	11:10	9:9:37.4	+19:28:8	600	-10	2.0	#88f Mass Func	2	
0138.MF4022	720	11:22	9:9:37.4	+19:28:8	600	-10	2.0	#88f Mass Func	2	
0139.COMP	20	11:35	9:9:37.4	+19:28:8	600	-10	2.0	#88f Mass Func	2	
0140.COMP	20	11:38	9:4:54.7	+28:23:3	600	92	2.0	#88f Mass Func	2	
0141.MF4020	900	11:39	9:4:54.7	+28:23:3	600	92	2.0	#88f Mass Func	2	

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0142.MF4020	900	11:55	9:4:54.7	+28:23:3	600	92	2.0	#88f Mass Func	2	
0143.MF4020	900	12:10	9:4:54.7	+28:23:3	600	92	2.0	#88f Mass Func	2	
0144.COMP	20	12:26	9:4:54.7	+28:23:3	600	92	2.0	#88f Mass Func	2	
0145.Feige34	120	12:27	10:39:36.7	+43:06:09	600	92	2.0	#56 Photometri	2	strong wind
0146.Feige34	120	12:29	10:39:36.7	+43:06:09	600	92	2.0	#56 Photometri	2	
0147.Feige34	120	12:32	10:39:36.7	+43:06:09	600	92	2.0	#56 Photometri	2	
0148.COMP	20	12:34	10:39:36.7	+43:06:09	600	92	2.0	#56 Photometri	2	
0149.NGC4278	180	12:36	12:17:36.1	29:33:29	600	90	2.0	#88f Velocity	2	
0150.NGC4278	180	12:39	12:17:36.1	29:33:29	600	90	2.0	#88f Velocity	2	
0151.NGC4278	180	12:43	12:17:36.1	29:33:29	600	90	2.0	#88f Velocity	2	
0152.COMP	20	12:46	12:17:36.1	29:33:29	600	90	2.0	#88f Velocity	2	
0153-0162.BIAS	0	12:51	12:17:36.1	29:33:29	600	90	2.0	#88f Velocity	2	
0163-0172.FLAT	55	13:02	12:17:36.1	29:33:29	600	90	2.0	#88f Velocity	2	
0173-0182.DARK	1200	16:09	12:17:36.1	29:33:29	600	90	2.0	#88f Velocity	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001-0008.DARK	1200	23:59	12:17:36.1	29:33:29	600	90	2.0	#88f Velocity	2	
0009-0020.BIAS	0	0:24	12:17:36.1	29:33:29	600	90	2.0	#88f Velocity	2	
0021-0030.FLAT	30	0:40	12:17:36.1	29:33:29	600	90	2.0	#88f Velocity	2	
0031.HD217086	7	2:00	22:56:47.1	+62:43:37	600	90	2.0	#56 Photometri	2	600-line; 2-sec slit; tilt=744; em setup
0032.HD217086	7	2:00	22:56:47.1	+62:43:37	600	90	2.0	#56 Photometri	2	lots of cirrus
0033.HD217086	7	2:01	22:56:47.1	+62:43:37	600	90	2.0	#56 Photometri	2	
0034.COMP	10	2:01	22:56:47.1	+62:43:37	600	90	2.0	#56 Photometri	2	
0035.BDp284211	60	2:04	21:51:11.0	+28:51:50	600	90	2.0	#56 Photometri	2	
0036.BDp284211	60	2:05	21:51:11.0	+28:51:50	600	90	2.0	#56 Photometri	2	
0037.BDp284211	60	2:07	21:51:11.0	+28:51:50	600	90	2.0	#56 Photometri	2	
0038.COMP	10	2:08	21:51:11.0	+28:51:50	600	90	2.0	#56 Photometri	2	dang! no objects available
0039.BIAS	0	2:26	01:00:00	32:00:00	600	90	2.0	#88f Mass Func	2	massfunc randomizer calling the shots
0040-0049.FLAT	55	2:38	01:00:00	32:00:00	600	90	2.0	#88f Mass Func	2	
0050.COMP	20	2:49	01:00:00	32:00:00	600	90	2.0	#88f Mass Func	2	600-line; 2-sec; tilt=494; abs setup
0051.NGC0636	240	2:51	01:36:36.4	-07:45:57	600	90	2.0	#88f Velocity	2	
0052.NGC0636	240	2:55	01:36:36.4	-07:45:57	600	90	2.0	#88f Velocity	2	
0053.NGC0636	240	2:59	01:36:36.4	-07:45:57	600	90	2.0	#88f Velocity	2	
0054.COMP	20	3:04	01:36:36.4	-07:45:57	600	90	2.0	#88f Velocity	2	
0055.NGC1023	180	3:06	02:37:15.8	38:50:55	600	87	2.0	#88f Velocity	2	
0056.NGC1023	180	3:10	02:37:15.8	38:50:55	600	87	2.0	#88f Velocity	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0057.NGC1023	180	3:13	02:37:15.8	38:50:55	600	87	2.0	#88f Velocity	2	
0058.COMP	20	3:17	02:37:15.8	38:50:55	600	87	2.0	#88f Velocity	2	
0059.NGC0821	180	3:19	02:05:40.5	10:45:32	600	25	2.0	#88f Velocity	2	
0060.NGC0821	180	3:24	02:05:40.5	10:45:32	600	25	2.0	#88f Velocity	2	
0061.NGC0821	180	3:27	02:05:40.5	10:45:32	600	25	2.0	#88f Velocity	2	
0062.COMP	20	3:30	02:05:40.5	10:45:32	600	25	2.0	#88f Velocity	2	
0063.HD7318	35	3:47	01:13:45.0	24:35:01	600	90	2.0	#88f Velocity	2	
0064.HD7318	35	3:48	01:13:45.0	24:35:01	600	90	2.0	#88f Velocity	2	
0065.HD7318	35	3:49	01:13:45.0	24:35:01	600	90	2.0	#88f Velocity	2	
0066.COMP	20	3:50	01:13:45.0	24:35:01	600	90	2.0	#88f Velocity	2	
0067.HD10761	35	3:51	01:45:23.6	09:09:27	600	90	2.0	#88f Velocity	2	
0068.HD10761	35	3:52	01:45:23.6	09:09:27	600	90	2.0	#88f Velocity	2	
0069.HD10761	35	3:53	01:45:23.6	09:09:27	600	90	2.0	#88f Velocity	2	
0070.COMP	20	3:54	01:45:23.6	09:09:27	600	90	2.0	#88f Velocity	2	
0071.HD25604	35	3:55	04:04:41.7	22:04:54	600	90	2.0	#88f Velocity	2	
0072.HD25604	35	3:56	04:04:41.7	22:04:54	600	90	2.0	#88f Velocity	2	
0073.HD25604	35	3:57	04:04:41.7	22:04:54	600	90	2.0	#88f Velocity	2	
0074.COMP	20	3:58	04:04:41.7	22:04:54	600	90	2.0	#88f Velocity	2	
0075.HD27382	35	3:59	04:20:21.2	27:21:02	600	90	2.0	#88f Velocity	2	
0076.HD27382	35	4:00	04:20:21.2	27:21:02	600	90	2.0	#88f Velocity	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0077.HD27382	35	4:01	04:20:21.2	27:21:02	600	90	2.0	#88f Velocity	2	
0078.COMP	20	4:02	04:20:21.2	27:21:02	600	90	2.0	#88f Velocity	2	
0079.NGC1700	210	4:03	04:54:28.1	-04:56:30	600	90	2.0	#88f Velocity	2	
0080.NGC1700	210	4:07	04:54:28.1	-04:56:30	600	90	2.0	#88f Velocity	2	
0081.NGC1700	210	4:11	04:54:28.1	-04:56:30	600	90	2.0	#88f Velocity	2	
0082.COMP	20	4:15	04:54:28.1	-04:56:30	600	90	2.0	#88f Velocity	2	
0083.COMP	20	5:05	06:06:33.0	+74:56:50	600	90	2.0	#88f Mass Func	2	
0084.MF2639	1200	5:06	06:06:33.0	+74:56:50	600	-45	2.0	#88f Mass Func	2	
0085.MF2639	1200	5:27	06:06:33.0	+74:56:50	600	-45	2.0	#88f Mass Func	2	
0086.MF2639	1200	5:47	06:06:33.0	+74:56:50	600	-45	2.0	#88f Mass Func	2	
0087.COMP	20	6:08	06:06:33.0	+74:56:50	600	-45	2.0	#88f Mass Func	2	
0088.MF7124	600	6:12	06:31:35.2	74:25:55	600	-5	2.0	#88f Mass Func	2	
0089.MF7124	600	6:22	06:31:35.2	74:25:55	600	-5	2.0	#88f Mass Func	2	
0090.COMP	20	6:33	06:31:35.2	74:25:55	600	-5	2.0	#88f Mass Func	2	
0091.MF7071	540	6:37	06:27:59.8	74:18:06	600	50	2.0	#88f Mass Func	2	
0092.MF7071	540	6:46	06:27:59.8	74:18:06	600	50	2.0	#88f Mass Func	2	
0093.COMP	20	6:56	06:27:59.8	74:18:06	600	50	2.0	#88f Mass Func	2	
0094.COMP	20	6:59	07:17:16.7	43:08:49	600	50	2.0	#88f Mass Func	2	
0095.MF2710	900	6:59	07:17:16.7	43:08:49	600	-60	2.0	#88f Mass Func	2	nice sky
0096.MF2710	900	7:15	07:17:16.7	43:08:49	600	-60	2.0	#88f Mass Func	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0097.MF2710	900	7:30	07:17:16.7	43:08:49	600	-60	2.0	#88f Mass Func	2	
0098.COMP	20	7:46	07:17:16.7	43:08:49	600	-60	2.0	#88f Mass Func	2	
0099.COMP	20	7:49	07:05:18.6	42:12:46	600	-2	2.0	#88f Mass Func	2	
0100.MF2672	720	7:50	07:05:18.6	42:12:46	600	-2	2.0	#88f Mass Func	2	beware sup * to west of gal in slit
0101.MF2672	720	8:02	07:05:18.6	42:12:46	600	-2	2.0	#88f Mass Func	2	
0102.MF2672	720	8:14	07:05:18.6	42:12:46	600	-2	2.0	#88f Mass Func	2	
0103.COMP	20	8:27	07:05:18.6	42:12:46	600	-2	2.0	#88f Mass Func	2	
0104.Hiltner600	90	8:29	06:45:12.0	+02:06:00	600	9	2.0	#56 Photometri	2	
0105.Hiltner600	90	8:31	06:45:12.0	+02:06:00	600	9	2.0	#56 Photometri	2	
0106.Hiltner600	90	8:32	06:45:12.0	+02:06:00	600	9	2.0	#56 Photometri	2	
0107.COMP	20	8:34	06:45:12.0	+02:06:00	600	9	2.0	#56 Photometri	2	
0108.G191B2B	180	8:38	05:05:30.6	+52:49:51	600	9	2.0	#56 Photometri	2	
0109.COMP	20	8:41	05:05:30.6	+52:49:51	600	9	2.0	#56 Photometri	2	
0110-0119.FLAT	55	8:53	07:30:00	32:00:00	600	9	2.0	#56 Photometri	2	
0120.BIAS	0	8:54	07:30:00	32:00:00	600	9	2.0	#56 Photometri	2	back to the em setup
0121-0130.FLAT	30	9:03	07:30:00	32:00:00	600	90	2.0	#56 Photometri	2	
0131.COMP	10	9:14	05:38:23.6	78:00:00	600	90	2.0	#56 Photometri	2	600-line; 2-sec; tilt=744; focus=980
0132.MF2630	1200	9:15	05:38:23.6	78:00:00	600	90	2.0	#88f Mass Func	2	
0133.MF2630	1200	9:35	05:38:23.6	78:00:00	600	90	2.0	#88f Mass Func	2	
0134.COMP	10	9:56	05:38:23.6	78:00:00	600	90	2.0	#88f Mass Func	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0135.COMP	10	9:58	06:27:59.8	74:18:06	600	90	2.0	#88f Mass Func	2	
0136.MF2630	1200	9:58	06:27:59.8	74:18:06	600	50	2.0	#88f Mass Func	2	
0137.MF2630	1200	10:19	06:27:59.8	74:18:06	600	50	2.0	#88f Mass Func	2	
0138.COMP	10	10:39	06:27:59.8	74:18:06	600	50	2.0	#88f Mass Func	2	
0139.MF2639	480	10:43	06:06:33.0	74:56:50	600	-45	2.0	#88f Mass Func	2	
0140.MF2639	480	10:52	06:06:33.0	74:56:50	600	-45	2.0	#88f Mass Func	2	
0141.COMP	10	11:00	06:06:33.0	74:56:50	600	-45	2.0	#88f Mass Func	2	
0142.MF2639NS	540	11:05	08:46:20.1	+47:09:22	600	12	2.0	#88f Mass Func	2	N and S gals in slit; N @ row 96; S @ row 83
0143.MF2639NS	540	11:15	08:46:20.1	+47:09:22	600	12	2.0	#88f Mass Func	2	
0144.COMP	10	11:24	08:46:20.1	+47:09:22	600	12	2.0	#88f Mass Func	2	
0145.COMP	10	11:28	9:4:54.7	+28:23:3	600	12	2.0	#88f Mass Func	2	
0146.MF4020	900	11:29	9:4:54.7	+28:23:3	600	92	2.0	#88f Mass Func	2	
0147.MF4020	900	11:44	9:4:54.7	+28:23:3	600	92	2.0	#88f Mass Func	2	
0148.COMP	10	12:00	9:4:54.7	+28:23:3	600	92	2.0	#88f Mass Func	2	
0149.MF4005	480	12:01	7:55:59.9	+12:58:53	600	100	2.0	#88f Mass Func	2	
0150.MF4005	480	12:10	7:55:59.9	+12:58:53	600	100	2.0	#88f Mass Func	2	
0151.COMP	10	12:18	7:55:59.9	+12:58:53	600	100	2.0	#88f Mass Func	2	
0152.MF4022	480	12:22	9:9:37.4	+19:28:8	600	-10	2.0	#88f Mass Func	2	
0153.MF4022	480	12:30	9:9:37.4	+19:28:8	600	-10	2.0	#88f Mass Func	2	
0154.COMP	10	12:38	9:9:37.4	+19:28:8	600	-10	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>
0155.MF0017	480	12:43	11:44:19.0	19:50:41	600	-60	2.0	#88f Mass Func	2	
0156.MF0017	480	12:51	11:44:19.0	19:50:41	600	-60	2.0	#88f Mass Func	2	
0157.COMP	10	13:00	11:44:19.0	19:50:41	600	-60	2.0	#88f Mass Func	2	
0158.Feige34	180	13:03	10:39:36.7	+43:06:09	600	90	2.0	#56 Photometri	2	
0159.Feige34	180	13:07	10:39:36.7	+43:06:09	600	90	2.0	#56 Photometri	2	
0160.COMP	10	13:10	10:39:36.7	+43:06:09	600	90	2.0	#56 Photometri	2	
0161.HZ44	210	13:12	13:23:35.2	+36:07:59	600	90	2.0	#56 Photometri	2	
0162.HZ44	210	13:15	13:23:35.2	+36:07:59	600	90	2.0	#56 Photometri	2	
0163.COMP	10	13:19	13:23:35.2	+36:07:59	600	90	2.0	#56 Photometri	2	thin clouds @ dawn
0164-0173.BIAS	0	13:24	13:23:35.2	+36:07:59	600	90	2.0	#88f Mass Func	2	
0174-0183.FLAT	30	13:31	13:23:35.2	+36:07:59	600	90	2.0	#88f Mass Func	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001-0008.DARK	900	0:09	19:46:12.9	+35:27:05	300	90	2.0	103 Transit	4	
0009.BIAS	0	0:25	19:46:12.9	+35:27:05	300	90	2.0	103 Transit	4	Happy Winter Solstice!
0010-0020.BIAS	0	0:26	19:46:12.9	+35:27:05	300	90	2.0	103 Transit	4	
0021.FLAT	8	0:27	19:46:12.9	+35:27:05	300	90	2.0	103 Transit	4	3-sec slit; 300-line; normal setup
0022-0030.FLAT	8	0:29	19:46:12.9	+35:27:05	300	90	2.0	103 Transit	4	
0031-0040.BIAS	0	0:32	19:46:12.9	+35:27:05	300	90	2.0	103 Transit	2	
0041-0048.FLAT	16	0:36	19:46:12.9	+35:27:05	300	90	2.0	103 Transit	2	
0049-0050.FLAT	16	0:37	23:17:00	32:00:00	300	90	2.0	103 Transit	2	
0051.sky	2	0:39	23:17:00	32:00:00	300	90	3.0	#57 Velocity S	4	clouds to the far west
0052-0055.sky	2	0:40	23:17:00	32:00:00	300	90	3.0	#57 Velocity S	4	
0056.COMP	5	0:40	23:17:00	32:00:00	300	90	3.0	#57 Velocity S	4	
0057.HD217086	5	1:19	22:56:47.1	+62:43:37	300	90	3.0	#56 Photometri	4	
0058.HD217086	5	1:19	22:56:47.1	+62:43:37	300	90	3.0	#56 Photometri	4	
0059.HD217086	5	1:20	22:56:47.1	+62:43:37	300	90	3.0	#56 Photometri	4	
0060.COMP	5	1:20	22:56:47.1	+62:43:37	300	90	3.0	#56 Photometri	4	
0061.BDp284211	45	1:22	21:51:11.0	+28:51:50	300	90	3.0	#56 Photometri	4	
0062.BDp284211	45	1:23	21:51:11.0	+28:51:50	300	90	3.0	#56 Photometri	4	
0063.COMP	5	1:24	21:51:11.0	+28:51:50	300	90	3.0	#56 Photometri	4	
0064.2M000742.3p472047	120	1:27	00:07:42.2	+47:20:47	300	90	3.0	#68 2MASS Reds	4	
0065.COMP	5	1:29	00:07:42.2	+47:20:47	300	90	3.0	#68 2MASS Reds	4	

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0066.2M002310.0p464204	90	1:30	00:23:09.9	+46:42:04	300	90	3.0	#68 2MASS Reds	4	
0067.COMP	5	1:32	00:23:09.9	+46:42:04	300	90	3.0	#68 2MASS Reds	4	
0068.2M002707.0p453717	75	1:32	00:27:07.0	+45:37:17	300	90	3.0	#68 2MASS Reds	4	
0069.COMP	5	1:34	00:27:07.0	+45:37:17	300	90	3.0	#68 2MASS Reds	4	
0070.2M003733.3p511256	120	1:35	00:37:33.2	+51:12:56	300	90	3.0	#68 2MASS Reds	4	
0071.COMP	5	1:37	00:37:33.2	+51:12:56	300	90	3.0	#68 2MASS Reds	4	
0072.2M003854.5p482802	120	1:37	00:38:54.5	+48:28:02	300	90	3.0	#68 2MASS Reds	4	seeing 2-sec
0073.COMP	5	1:40	00:38:54.5	+48:28:02	300	90	3.0	#68 2MASS Reds	4	
0074.2M005541.7p490206	240	1:40	00:55:41.6	+49:02:06	300	90	3.0	#68 2MASS Reds	4	
0075.COMP	5	1:45	00:55:41.6	+49:02:06	300	90	3.0	#68 2MASS Reds	4	
0076.2M013621.2p472321	100	1:45	01:36:21.1	+47:23:21	300	90	3.0	#68 2MASS Reds	4	
0077.COMP	5	1:47	01:36:21.1	+47:23:21	300	90	3.0	#68 2MASS Reds	4	
0078.PHL5200	1200	1:50	22:28:30.6	-05:18:44	300	23	3.0	#65 X-Ray Nova	2	2 targets; please extract both; qso and star
0079.nstar	45	2:11	22:28:30.6	-05:18:44	300	23	3.0	#65 X-Ray Nova	2	bright star to N
0080.COMP	10	2:13	22:28:30.6	-05:18:44	300	23	3.0	#65 X-Ray Nova	2	
0081.2M014035.3p435140	120	2:16	01:40:35.3	+43:51:40	300	90	3.0	#68 2MASS Reds	4	
0082.COMP	5	2:18	01:40:35.3	+43:51:40	300	90	3.0	#68 2MASS Reds	4	
0083.2M014203.4p425650	120	2:18	01:42:03.4	+42:56:50	300	90	3.0	#68 2MASS Reds	4	
0084.COMP	5	2:21	01:42:03.4	+42:56:50	300	90	3.0	#68 2MASS Reds	4	
0085.2M014442.8p424415	120	2:21	01:44:42.8	+42:44:15	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
0086.COMP	5	2:23	01:44:42.8	+42:44:15	300	90	3.0	#68 2MASS Reds	4	
0087.2M015010.4p475433	100	2:24	01:50:10.4	+47:54:33	300	60	3.0	#68 2MASS Reds	4	PA=60 to avoid bright star
0088.COMP	5	2:26	01:50:10.4	+47:54:33	300	60	3.0	#68 2MASS Reds	4	
0089.2M015052.5p482106	120	2:27	01:50:52.5	+48:21:06	300	60	3.0	#68 2MASS Reds	4	PA=60 to avoid bright star
0090.COMP	5	2:30	01:50:52.5	+48:21:06	300	60	3.0	#68 2MASS Reds	4	
0091.2M015218.1p480516	120	2:30	01:52:18.1	+48:05:16	300	60	3.0	#68 2MASS Reds	4	PA=60 to avoid bright star
0092.COMP	5	2:33	01:52:18.1	+48:05:16	300	60	3.0	#68 2MASS Reds	4	
0093.2M015240.1p480533	120	2:33	01:52:40.1	+48:05:33	300	90	3.0	#68 2MASS Reds	4	
0094.COMP	5	2:36	01:52:40.1	+48:05:33	300	90	3.0	#68 2MASS Reds	4	
0095.2M015435.4p480004	120	2:36	01:54:35.4	+48:00:04	300	90	3.0	#68 2MASS Reds	4	
0096.COMP	5	2:38	01:54:35.4	+48:00:04	300	90	3.0	#68 2MASS Reds	4	
0097.2M015530.7p475717	90	2:39	01:55:30.6	+47:57:17	300	90	3.0	#68 2MASS Reds	4	
0098.COMP	5	2:41	01:55:30.6	+47:57:17	300	90	3.0	#68 2MASS Reds	4	
0099.2M015556.8p491240	240	2:41	01:55:56.7	+49:12:40	300	90	3.0	#68 2MASS Reds	4	
0100.COMP	5	2:46	01:55:56.7	+49:12:40	300	90	3.0	#68 2MASS Reds	4	
0101.2M015858.6p420954	120	2:46	01:58:58.6	+42:09:54	300	90	3.0	#68 2MASS Reds	4	
0102.COMP	5	2:49	01:58:58.6	+42:09:54	300	90	3.0	#68 2MASS Reds	4	
0103.2M020128.4p395729	150	2:49	02:01:28.3	+39:57:29	300	90	3.0	#68 2MASS Reds	4	
0104.COMP	5	2:52	02:01:28.3	+39:57:29	300	90	3.0	#68 2MASS Reds	4	
0105.2M020650.9p454031	120	2:53	02:06:50.9	+45:40:31	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
0106.COMP	5	2:55	02:06:50.9	+45:40:31	300	90	3.0	#68 2MASS Reds	4	
0107.2M023456.6p401023	120	2:56	02:34:56.5	+40:10:23	300	90	3.0	#68 2MASS Reds	4	
0108.COMP	5	2:58	02:34:56.5	+40:10:23	300	90	3.0	#68 2MASS Reds	4	
0109.2M023849.7p412735	100	2:59	02:38:49.7	+41:27:35	300	90	3.0	#68 2MASS Reds	4	
0110.COMP	5	3:01	02:38:49.7	+41:27:35	300	90	3.0	#68 2MASS Reds	4	
0111.2M023922.8p403404	180	3:01	02:39:22.8	+40:34:04	300	90	3.0	#68 2MASS Reds	4	
0112.COMP	5	3:04	02:39:22.8	+40:34:04	300	90	3.0	#68 2MASS Reds	4	
0113.2M024014.2p382049	100	3:05	02:40:14.1	+38:20:49	300	90	3.0	#68 2MASS Reds	4	
0114.COMP	5	3:07	02:40:14.1	+38:20:49	300	90	3.0	#68 2MASS Reds	4	
0115.2M024114.0p455050	100	3:08	02:41:14.0	+45:50:50	300	90	3.0	#68 2MASS Reds	4	
0116.COMP	5	3:10	02:41:14.0	+45:50:50	300	90	3.0	#68 2MASS Reds	4	
0117.2M024118.4p455025	120	3:10	02:41:18.4	+45:50:25	300	90	3.0	#68 2MASS Reds	4	
0118.COMP	5	3:12	02:41:18.4	+45:50:25	300	90	3.0	#68 2MASS Reds	4	
0119.2M024154.5p464015	120	3:13	02:41:54.5	+46:40:15	300	90	3.0	#68 2MASS Reds	4	
0120.COMP	5	3:15	02:41:54.5	+46:40:15	300	90	3.0	#68 2MASS Reds	4	
0121.2M024218.0p422009	100	3:16	02:42:18.0	+42:20:09	300	90	3.0	#68 2MASS Reds	4	
0122.COMP	5	3:18	02:42:18.0	+42:20:09	300	90	3.0	#68 2MASS Reds	4	
0123.2M024230.7p371636	120	3:18	02:42:30.7	+37:16:36	300	90	3.0	#68 2MASS Reds	4	
0124.COMP	5	3:21	02:42:30.7	+37:16:36	300	90	3.0	#68 2MASS Reds	4	
0125.2M024238.1p361254	100	3:21	02:42:38.1	+36:12:54	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
0126.COMP	5	3:23	02:42:38.1	+36:12:54	300	90	3.0	#68 2MASS Reds	4	
0127.2M024341.6p420117	100	3:24	02:43:41.6	+42:01:17	300	90	3.0	#68 2MASS Reds	4	
0128.COMP	5	3:26	02:43:41.6	+42:01:17	300	90	3.0	#68 2MASS Reds	4	
0129.2M024421.8p312117	120	3:27	02:44:21.8	+31:21:17	300	90	3.0	#68 2MASS Reds	4	
0130.COMP	5	3:29	02:44:21.8	+31:21:17	300	90	3.0	#68 2MASS Reds	4	
0131.2M024511.1p392228	120	3:30	02:45:11.1	+39:22:28	300	90	3.0	#68 2MASS Reds	4	
0132.COMP	5	3:32	02:45:11.1	+39:22:28	300	90	3.0	#68 2MASS Reds	4	
0133.2M024750.1p451820	90	3:33	02:47:50.1	+45:18:20	300	90	3.0	#68 2MASS Reds	4	
0134.COMP	5	3:35	02:47:50.1	+45:18:20	300	90	3.0	#68 2MASS Reds	4	
0135.2M024756.8p470814	120	3:35	02:47:56.8	+47:08:14	300	90	3.0	#68 2MASS Reds	4	
0136.COMP	5	3:38	02:47:56.8	+47:08:14	300	90	3.0	#68 2MASS Reds	4	
0137.2M024942.3p470732	240	3:38	02:49:42.2	+47:07:32	300	90	3.0	#68 2MASS Reds	4	
0138.COMP	5	3:42	02:49:42.2	+47:07:32	300	90	3.0	#68 2MASS Reds	4	
0139.2M025007.9p473722	120	3:43	02:50:07.9	+47:37:22	300	90	3.0	#68 2MASS Reds	4	
0140.COMP	5	3:45	02:50:07.9	+47:37:22	300	90	3.0	#68 2MASS Reds	4	
0141.2M025015.0p391049	120	3:46	02:50:14.9	+39:10:49	300	90	3.0	#68 2MASS Reds	4	
0142.COMP	5	3:48	02:50:14.9	+39:10:49	300	90	3.0	#68 2MASS Reds	4	
0143.2M025029.1p453322	240	3:49	02:50:29.1	+45:33:22	300	90	3.0	#68 2MASS Reds	4	
0144.COMP	5	3:53	02:50:29.1	+45:33:22	300	90	3.0	#68 2MASS Reds	4	
0145.2M025047.3p464555	150	3:54	02:50:47.3	+46:45:55	300	90	3.0	#68 2MASS Reds	4	

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0146.COMP	5	3:56	02:50:47.3	+46:45:55	300	90	3.0	#68 2MASS Reds	4	
0147.2M014010.4p810936	210	4:00	01:40:10.4	78:00:00	300	90	3.0	#68 2MASS Reds	4	
0148.COMP	5	4:04	01:40:10.4	78:00:00	300	90	3.0	#68 2MASS Reds	4	
0149.2M025122.1p471202	150	4:06	02:51:22.0	+47:12:02	300	90	3.0	#68 2MASS Reds	4	
0150.COMP	5	4:09	02:51:22.0	+47:12:02	300	90	3.0	#68 2MASS Reds	4	
0151.2M025211.4p473606	120	4:09	02:52:11.4	+47:36:06	300	90	3.0	#68 2MASS Reds	4	
0152.COMP	5	4:11	02:52:11.4	+47:36:06	300	90	3.0	#68 2MASS Reds	4	
0153.2M025218.7p470543	150	4:12	02:52:18.6	+47:05:43	300	90	3.0	#68 2MASS Reds	4	
0154.COMP	5	4:15	02:52:18.6	+47:05:43	300	90	3.0	#68 2MASS Reds	4	
0155.2M025441.6p392231	120	4:15	02:54:41.6	+39:22:31	300	90	3.0	#68 2MASS Reds	4	
0156.COMP	5	4:18	02:54:41.6	+39:22:31	300	90	3.0	#68 2MASS Reds	4	
0157.2M025443.7p454310	120	4:18	02:54:43.6	+45:43:10	300	90	3.0	#68 2MASS Reds	4	
0158.COMP	5	4:21	02:54:43.6	+45:43:10	300	90	3.0	#68 2MASS Reds	4	
0159.2M025506.4p433233	180	4:21	02:55:06.3	+43:32:33	300	90	3.0	#68 2MASS Reds	4	
0160.COMP	5	4:25	02:55:06.3	+43:32:33	300	90	3.0	#68 2MASS Reds	4	
0161.2M025532.6p454204	180	4:25	02:55:32.6	+45:42:04	300	90	3.0	#68 2MASS Reds	4	
0162.COMP	5	4:29	02:55:32.6	+45:42:04	300	90	3.0	#68 2MASS Reds	4	
0163.2M025549.3p461820	150	4:29	02:55:49.3	+46:18:20	300	90	3.0	#68 2MASS Reds	4	
0164.COMP	5	4:32	02:55:49.3	+46:18:20	300	90	3.0	#68 2MASS Reds	4	
0165.2M025718.5p444430	150	4:33	02:57:18.5	+44:44:30	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
0166.COMP	5	4:36	02:57:18.5	+44:44:30	300	90	3.0	#68 2MASS Reds	4	
0167.2M025828.6p463925	120	4:36	02:58:28.6	+46:39:25	300	90	3.0	#68 2MASS Reds	4	
0168.COMP	5	4:38	02:58:28.6	+46:39:25	300	90	3.0	#68 2MASS Reds	4	
0169.2M025830.9p454314	100	4:39	02:58:30.9	+45:43:14	300	90	3.0	#68 2MASS Reds	4	a few thin clouds...
0170.COMP	5	4:41	02:58:30.9	+45:43:14	300	90	3.0	#68 2MASS Reds	4	
0171.2M025902.7p443144	120	4:41	02:59:02.7	+44:31:44	300	90	3.0	#68 2MASS Reds	4	
0172.COMP	5	4:44	02:59:02.7	+44:31:44	300	90	3.0	#68 2MASS Reds	4	
0173.2M025907.1p452108	150	4:44	02:59:07.0	+45:21:08	300	90	3.0	#68 2MASS Reds	4	
0174.COMP	5	4:47	02:59:07.0	+45:21:08	300	90	3.0	#68 2MASS Reds	4	
0175.2M025939.6p451247	120	4:48	02:59:39.5	+45:12:47	300	90	3.0	#68 2MASS Reds	4	
0176.COMP	5	4:50	02:59:39.5	+45:12:47	300	90	3.0	#68 2MASS Reds	4	
0177.2M030051.0p444825	120	4:50	03:00:50.9	+44:48:25	300	90	3.0	#68 2MASS Reds	4	
0178.COMP	5	4:53	03:00:50.9	+44:48:25	300	90	3.0	#68 2MASS Reds	4	
0179.2M030136.4p442412	120	4:54	03:01:36.4	+44:24:12	300	90	3.0	#68 2MASS Reds	4	
0180.COMP	5	4:56	03:01:36.4	+44:24:12	300	90	3.0	#68 2MASS Reds	4	
0181.2M030305.5p445750	300	4:56	03:03:05.5	+44:57:50	300	90	3.0	#68 2MASS Reds	4	
0182.COMP	5	5:02	03:03:05.5	+44:57:50	300	90	3.0	#68 2MASS Reds	4	
0183.BIAS	0	5:05	03:40:00	32:00:00	600	90	2.0	#88f Mass Func	2	
0184.FLAT	55	5:06	03:40:00	32:00:00	600	90	2.0	#88f Mass Func	2	600-line; 2-sec slit; tilt=496; abs setup
0185-0193.FLAT	55	5:16	03:40:00	32:00:00	600	90	2.0	#88f Mass Func	2	

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0194.HD25604	45	5:18	04:04:41.7	22:04:54	600	90	2.0	#88f Velocity	2	
0195.HD25604	45	5:19	04:04:41.7	22:04:54	600	90	2.0	#88f Velocity	2	
0196.COMP	20	5:21	04:04:41.7	22:04:54	600	90	2.0	#88f Velocity	2	
0197.HD27348	35	5:25	04:20:24.6	34:34:00	600	90	2.0	#88f Velocity	2	
0198.HD27348	35	5:26	04:20:24.6	34:34:00	600	90	2.0	#88f Velocity	2	
0199.COMP	20	5:27	04:20:24.6	34:34:00	600	90	2.0	#88f Velocity	2	
0200.HD27382	35	5:27	04:20:21.2	27:21:02	600	90	2.0	#88f Velocity	2	
0201.HD27382	35	5:28	04:20:21.2	27:21:02	600	90	2.0	#88f Velocity	2	
0202.COMP	20	5:29	04:20:21.2	27:21:02	600	90	2.0	#88f Velocity	2	
0203.HD28305	35	5:30	04:28:37.0	19:10:49	600	90	2.0	#88f Velocity	2	
0204.HD28305	35	5:31	04:28:37.0	19:10:49	600	90	2.0	#88f Velocity	2	
0205.COMP	20	5:32	04:28:37.0	19:10:49	600	90	2.0	#88f Velocity	2	
0206.NGC1700	180	5:34	04:54:28.1	-04:56:30	600	90	2.0	#88f Velocity	2	
0207.NGC1700	180	5:37	04:54:28.1	-04:56:30	600	90	2.0	#88f Velocity	2	
0208.COMP	20	5:40	04:54:28.1	-04:56:30	600	90	2.0	#88f Velocity	2	
0209.NGC1023	180	5:42	02:37:15.8	38:50:55	600	87	2.0	#88f Velocity	2	
0210.NGC1023	180	5:45	02:37:15.8	38:50:55	600	87	2.0	#88f Velocity	2	
0211.COMP	20	5:49	02:37:15.8	38:50:55	600	87	2.0	#88f Velocity	2	
0212.NGC1023	180	5:51	02:05:40.5	10:45:32	600	25	2.0	#88f Velocity	2	
0213.NGC1023	180	5:54	02:05:40.5	10:45:32	600	25	2.0	#88f Velocity	2	

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0214.COMP	20	5:58	02:05:40.5	10:45:32	600	25	2.0	#88f Velocity	2	
0215.MF7034	540	6:02	07:31:07.1	59:28:53	600	80	2.0	#88f Velocity	2	
0216.MF7034	540	6:11	07:31:07.1	59:28:53	600	80	2.0	#88f Velocity	2	
0217.COMP	20	6:21	07:31:07.1	59:28:53	600	80	2.0	#88f Velocity	2	
0218.COMP	20	6:25	07:25:14.1	+42:01:06	600	80	2.0	#88f Mass Func	2	
0219.MF2724	720	6:26	07:25:14.1	+42:01:06	600	-43	2.0	#88f Mass Func	2	sup * next to galaxy in slit
0220.MF2724	720	6:38	07:25:14.1	+42:01:06	600	-43	2.0	#88f Mass Func	2	
0221.MF2724	720	6:51	07:25:14.1	+42:01:06	600	-43	2.0	#88f Mass Func	2	
0222.COMP	20	7:04	07:25:14.1	+42:01:06	600	-43	2.0	#88f Mass Func	2	
0223.COMP	20	7:06	07:15:22.4	+36:02:17	600	-43	2.0	#88f Mass Func	2	
0224.MF2706	900	7:07	07:15:22.4	+36:02:17	600	-33	2.0	#88f Mass Func	2	
0225.MF2706	900	7:22	07:15:22.4	+36:02:17	600	-33	2.0	#88f Mass Func	2	
0226.MF2706	900	7:37	07:15:22.4	+36:02:17	600	-33	2.0	#88f Mass Func	2	
0227.COMP	20	7:53	07:15:22.4	+36:02:17	600	-33	2.0	#88f Mass Func	2	
0228.COMP	20	7:55	08:21:57.1	66:31:53	600	-33	2.0	#88f Mass Func	2	
0229.MF7063	900	7:57	08:21:57.1	66:31:53	600	-48	2.0	#88f Mass Func	2	
0230.MF7063	900	8:12	08:21:57.1	66:31:53	600	-48	2.0	#88f Mass Func	2	
0231.MF7063	900	8:28	08:21:57.1	66:31:53	600	-48	2.0	#88f Mass Func	2	
0232.COMP	20	8:43	08:21:57.1	66:31:53	600	-48	2.0	#88f Mass Func	2	
0233.MF4012	600	8:47	8:51:14.5	+71:51:7	600	73	2.0	#88f Mass Func	2	

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0234.MF4012	600	8:57	8:51:14.5	+71:51:7	600	73	2.0	#88f Mass Func	2	
0235.COMP	20	9:08	8:51:14.5	+71:51:7	600	73	2.0	#88f Mass Func	2	
0236.MF7039	600	9:17	07:36:47.0	55:02:27	600	-15	2.0	#88f Mass Func	2	
0237.MF7039	600	9:28	07:36:47.0	55:02:27	600	-15	2.0	#88f Mass Func	2	
0238.COMP	20	9:39	07:36:47.0	55:02:27	600	-15	2.0	#88f Mass Func	2	
0239.COMP	20	9:40	9:4:43.4	+42:19:13	600	-15	2.0	#88f Mass Func	2	
0240.MF4025	720	9:41	9:4:43.4	+42:19:13	600	-15	2.0	#88f Mass Func	2	
0241.MF4025	720	9:54	9:4:43.4	+42:19:13	600	-15	2.0	#88f Mass Func	2	
0242.MF4025	720	10:06	9:4:43.4	+42:19:13	600	-15	2.0	#88f Mass Func	2	
0243.COMP	20	10:18	9:4:43.4	+42:19:13	600	-15	2.0	#88f Mass Func	2	
0244.COMP	20	10:21	09:27:30.5	55:21:28	600	90	2.0	#88f Mass Func	2	
0245.MF7097	600	10:21	09:27:30.5	55:21:28	600	90	2.0	#88f Mass Func	2	
0246.MF7097	600	10:32	09:27:30.5	55:21:28	600	90	2.0	#88f Mass Func	2	
0247.MF7097	600	10:42	09:27:30.5	55:21:28	600	90	2.0	#88f Mass Func	2	
0248.COMP	20	10:52	09:27:30.5	55:21:28	600	90	2.0	#88f Mass Func	2	
0249.COMP	20	10:54	08:43:52.9	64:58:13	600	65	2.0	#88f Mass Func	2	
0250.MF7030	600	10:55	08:43:52.9	64:58:13	600	65	2.0	#88f Mass Func	2	
0251.MF7030	600	11:05	08:43:52.9	64:58:13	600	65	2.0	#88f Mass Func	2	
0252.MF7030	600	11:16	08:43:52.9	64:58:13	600	65	2.0	#88f Mass Func	2	
0253.COMP	20	11:29	08:43:52.9	64:58:13	600	65	2.0	#88f Mass Func	2	rtsystem crash

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0254.COMP	20	11:31	09:15:54.5	20:55:43	600	65	2.0	#88f Mass Func	2	
0255.MF7107	900	11:32	09:15:54.5	20:55:43	600	63	2.0	#88f Mass Func	2	a few clouds
0256.MF7107	900	11:47	09:15:54.5	20:55:43	600	63	2.0	#88f Mass Func	2	
0257.MF7107	900	12:03	09:15:54.5	20:55:43	600	63	2.0	#88f Mass Func	2	
0258.COMP	20	12:18	09:15:54.5	20:55:43	600	63	2.0	#88f Mass Func	2	
0259.COMP	20	12:28	12:8:46.2	+24:56:47	600	48	2.0	#88f Mass Func	2	
0260.MF4061	600	12:29	12:8:46.2	+24:56:47	600	-25	2.0	#88f Mass Func	2	
0261.MF4061	600	12:39	12:8:46.2	+24:56:47	600	-25	2.0	#88f Mass Func	2	
0262.MF4061	600	12:50	12:8:46.2	+24:56:47	600	-25	2.0	#88f Mass Func	2	
0263.COMP	20	13:00	12:8:46.2	+24:56:47	600	-25	2.0	#88f Mass Func	2	
0264.Feige34	180	13:03	10:39:36.7	+43:06:09	600	90	2.0	#56 Photometri	2	
0265.Feige34	180	13:06	10:39:36.7	+43:06:09	600	90	2.0	#56 Photometri	2	
0266.COMP	20	13:09	10:39:36.7	+43:06:09	600	90	2.0	#56 Photometri	2	
0267.HZ44	180	13:11	13:23:35.2	+36:07:59	600	90	2.0	#56 Photometri	2	
0268.HZ44	180	13:14	13:23:35.2	+36:07:59	600	90	2.0	#56 Photometri	2	
0269.COMP	20	13:18	13:23:35.2	+36:07:59	600	90	2.0	#56 Photometri	2	
0270.BIAS	0	13:20	13:23:35.2	+36:07:59	600	90	2.0	#56 Photometri	2	scattered clouds @ dawn
0271-0279.BIAS	0	13:22	13:23:35.2	+36:07:59	600	90	2.0	#56 Photometri	2	
0280-0289.FLAT	55	13:33	13:23:35.2	+36:07:59	600	90	2.0	#56 Photometri	2	
0290-0299.DARK	1200	16:39	13:23:35.2	+36:07:59	600	90	2.0	#56 Photometri	2	

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0001-0004.DARK	900	1:10	00:09:09.0	31:30:03	300	90	3.0	#56 Photometri	4	
0005-0014.BIAS	0	1:28	00:12:11.0	31:30:03	300	90	3.0	#56 Photometri	4	
0015-0024.FLAT	6	1:31	00:14:57.0	31:30:03	300	90	3.0	#56 Photometri	4	
0025-0034.BIAS	0	1:34	00:17:38.0	31:30:03	300	90	3.0	#56 Photometri	2	
0035-0044.FLAT	12	1:39	00:23:12.0	31:30:04	300	90	3.0	#56 Photometri	2	
0045.BDp284211	30	1:47	21:51:11.0	+28:51:50	300	90	3.0	#56 Photometri	4	
0046.BDp284211	30	1:48	21:51:11.0	+28:51:50	300	90	3.0	#56 Photometri	4	
0047.COMP	5	1:49	21:51:11.0	+28:51:50	300	90	3.0	#56 Photometri	4	
0048.BDp284211	30	1:50	21:51:11.0	+28:51:50	300	90	3.0	#56 Photometri	2	
0049.BDp284211	30	1:50	21:51:11.0	+28:51:50	300	90	3.0	#56 Photometri	2	
0050.COMP	12	1:51	21:51:11.0	+28:51:50	300	90	3.0	#56 Photometri	2	
0051.BDp284211	30	1:52	21:51:11.0	+28:51:50	300	74	3.0	#56 Photometri	2	
0052.BDp284211	30	1:53	21:51:11.0	+28:51:50	300	74	3.0	#56 Photometri	2	
0053.COMP	12	1:54	21:51:11.0	+28:51:50	300	74	3.0	#56 Photometri	2	
0054.sncgcg475	1200	1:58	22:58:25.3	26:38:26	300	71	3.0	#2 SN Observat	2	Type I, Row=75
0055.COMP	12	2:18	22:58:25.3	26:38:26	300	71	3.0	#2 SN Observat	2	
0056.M31	60	2:20	00:40:00.0	+40:59:42	300	90	3.0	#57 Velocity S	2	
0057.COMP	12	2:22	00:40:00.0	+40:59:42	300	90	3.0	#57 Velocity S	2	
0058.srgb115.077	780	2:26	01:42:47.5	+13:10:47	300	90	3.0	#59 X-Ray Grou	2	
0059.COMP	12	2:39	01:42:47.5	+13:10:47	300	90	3.0	#59 X-Ray Grou	2	

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0060.srgb115.078	1200	2:41	01:42:48.5	+13:09:17	300	90	3.0	#59 X-Ray Grou	2	
0061.COMP	12	3:01	01:42:48.5	+13:09:17	300	90	3.0	#59 X-Ray Grou	2	
0062.srgb115.079	240	3:02	01:42:48.8	+12:31:45	300	90	3.0	#59 X-Ray Grou	2	
0063.COMP	12	3:07	01:42:48.8	+12:31:45	300	90	3.0	#59 X-Ray Grou	2	
0064.srgb115.080	180	3:08	01:43:02.7	+13:38:42	300	90	3.0	#59 X-Ray Grou	2	
0065.COMP	12	3:11	01:43:02.7	+13:38:42	300	90	3.0	#59 X-Ray Grou	2	
0066.srgb115.081	900	3:13	01:43:26.0	+13:51:16	300	90	3.0	#59 X-Ray Grou	2	
0067.COMP	12	3:29	01:43:26.0	+13:51:16	300	90	3.0	#59 X-Ray Grou	2	
0068.srgb115.082	720	3:30	01:43:26.9	+13:19:11	300	90	3.0	#59 X-Ray Grou	2	
0069.COMP	12	3:42	01:43:26.9	+13:19:11	300	90	3.0	#59 X-Ray Grou	2	
0070.srgb115.084	1200	3:43	01:43:32.0	+13:30:46	300	90	3.0	#59 X-Ray Grou	2	
0071.COMP	12	4:04	01:43:32.0	+13:30:46	300	90	3.0	#59 X-Ray Grou	2	
0072.srgb115.085	1200	4:05	01:43:38.7	+13:31:37	300	90	3.0	#59 X-Ray Grou	2	
0073.COMP	12	4:26	01:43:38.7	+13:31:37	300	90	3.0	#59 X-Ray Grou	2	
0074.030254p42110.b	1200	4:28	03:06:06.3	42:21:56	300	90	3.0	#113 Galaxy In	2	
0075.COMP	12	4:49	03:06:06.3	42:21:56	300	90	3.0	#113 Galaxy In	2	
0076.vso120999	900	5:01	5:53:40.2	1:35:49	300	90	3.0	#112 Orion PMS	2	
0077.vso120999	900	5:16	5:53:40.2	1:35:49	300	90	3.0	#112 Orion PMS	2	
0078.COMP	12	5:32	5:53:40.2	1:35:49	300	90	3.0	#112 Orion PMS	2	
0079.vso129366	900	5:34	5:59:13.3	1:34:25	300	90	3.0	#112 Orion PMS	2	

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0080.COMP	12	5:49	5:59:13.3	1:34:25	300	90	3.0	#112 Orion PMS	2	
0081.vso129542	1200	5:51	5:59:19.1	1:52:01	300	90	3.0	#112 Orion PMS	2	
0082.COMP	12	6:12	5:59:19.1	1:52:01	300	90	3.0	#112 Orion PMS	2	
0083.vso129837	900	6:14	5:59:28.8	1:43:18	300	90	3.0	#112 Orion PMS	2	
0084.COMP	12	6:29	5:59:28.8	1:43:18	300	90	3.0	#112 Orion PMS	2	
0085.vso130116	900	6:30	5:59:37.5	1:55:47	300	90	3.0	#112 Orion PMS	2	
0086.COMP	12	6:46	5:59:37.5	1:55:47	300	90	3.0	#112 Orion PMS	2	
0087.vso31144	900	6:47	5:01:01.0	0:58:05	300	90	3.0	#112 Orion PMS	2	
0088.COMP	12	7:03	5:01:01.0	0:58:05	300	90	3.0	#112 Orion PMS	2	
0089.vso37038	1200	7:04	5:05:36.3	0:58:18	300	79	3.0	#112 Orion PMS	2	rotate to isolate
0090.COMP	12	7:25	5:05:36.3	0:58:18	300	79	3.0	#112 Orion PMS	2	
0091.SN2000fm	900	7:28	04:33:15.0	-04:10:39	300	31	3.0	#2 SN Observat	2	
0092.SN2000fm	900	7:43	04:33:15.0	-04:10:39	300	31	3.0	#2 SN Observat	2	
0093.COMP	12	7:58	04:33:15.0	-04:10:39	300	31	3.0	#2 SN Observat	2	
0094.SN2000fa	900	8:03	07:15:29.8	+23:25:42	300	-44	3.0	#2 SN Observat	2	
0095.COMP	12	8:19	07:15:29.8	+23:25:42	300	-44	3.0	#2 SN Observat	2	
0096.vso37266	600	8:23	5:05:42.1	0:57:22	300	90	3.0	#112 Orion PMS	2	
0097.COMP	12	8:34	5:05:42.1	0:57:22	300	90	3.0	#112 Orion PMS	2	
0098.vso42109	720	8:35	5:09:09.2	1:15:26	300	90	3.0	#112 Orion PMS	2	
0099.COMP	12	8:47	5:09:09.2	1:15:26	300	90	3.0	#112 Orion PMS	2	

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0100.vso42333	720	8:48	5:09:19.2	1:05:05	300	90	3.0	#112 Orion PMS	2	
0101.COMP	12	9:02	5:09:19.2	1:05:05	300	90	3.0	#112 Orion PMS	2	
0102.vso43943	480	9:03	5:10:22.9	1:23:30	300	90	3.0	#112 Orion PMS	2	
0103.COMP	12	9:11	5:10:22.9	1:23:30	300	90	3.0	#112 Orion PMS	2	
0104.081506+04460_a	1200	9:13	08:17:41.6	04:36:38	300	90	3.0	Interactions	2	
0105.081506+04460_a	1200	9:33	08:17:41.6	04:36:38	300	90	3.0	Interactions	2	
0106.COMP	12	9:54	08:17:41.6	04:36:38	300	90	3.0	Interactions	2	
0107.081506+04460_b	1200	9:55	08:17:54.8	04:34:40	300	90	3.0	Interactions	2	
0108.COMP	12	10:15	08:17:54.8	04:34:40	300	90	3.0	Interactions	2	
0109.BGGem	180	10:17	6:03:31	27:41:50	300	90	3.0	#100 BGGem	2	
0110.BGGem	900	10:20	6:03:31	27:41:50	300	90	3.0	#100 BGGem	2	
0111.COMP	12	10:36	6:03:31	27:41:50	300	90	3.0	#100 BGGem	2	
0112.nrgb184.177	600	10:38	12:03:08.1	+25:25:40	300	90	3.0	#59 X-Ray Grou	2	
0113.COMP	12	10:49	12:03:08.1	+25:25:40	300	90	3.0	#59 X-Ray Grou	2	
0114.nrgb184.178	720	10:49	12:03:15.5	+24:47:43	300	90	3.0	#59 X-Ray Grou	2	
0115.COMP	12	11:02	12:03:15.5	+24:47:43	300	90	3.0	#59 X-Ray Grou	2	
0116.nrgb184.179	1200	11:03	12:03:28.1	+25:54:26	300	90	3.0	#59 X-Ray Grou	4	
0117.COMP	5	11:23	12:03:28.1	+25:54:26	300	90	3.0	#59 X-Ray Grou	4	
0118.nrgb184.180	1200	11:25	12:03:54.0	+25:25:57	300	90	3.0	#59 X-Ray Grou	4	
0119.COMP	5	11:45	12:03:54.0	+25:25:57	300	90	3.0	#59 X-Ray Grou	4	

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0120.nrgb184.181	720	11:46	12:04:17.0	+26:08:49	300	69	3.0	#59 X-Ray Grou	4	rotate to isolate
0121.COMP	5	11:59	12:04:17.0	+26:08:49	300	69	3.0	#59 X-Ray Grou	4	
0122.nrgb184.182	180	12:00	12:04:21.7	+25:54:28	300	90	3.0	#59 X-Ray Grou	4	
0123.COMP	5	12:03	12:04:21.7	+25:54:28	300	90	3.0	#59 X-Ray Grou	4	
0124.nrgb184.183	1200	12:04	12:05:38.9	+24:13:03	300	90	3.0	#59 X-Ray Grou	4	row=37, too faint to get again
0125.COMP	5	12:24	12:05:38.9	+24:13:03	300	90	3.0	#59 X-Ray Grou	4	
0126.nrgb184.184	1020	12:26	12:05:45.3	+24:15:31	300	90	3.0	#59 X-Ray Grou	4	
0127.COMP	5	12:43	12:05:45.3	+24:15:31	300	90	3.0	#59 X-Ray Grou	4	
0128.nrgb184.185	720	12:44	12:05:46.4	+24:10:01	300	90	3.0	#59 X-Ray Grou	4	
0129.COMP	5	12:57	12:05:46.4	+24:10:01	300	90	3.0	#59 X-Ray Grou	4	
0130.nrgb184.186	720	12:58	12:05:51.4	+24:21:17	300	90	3.0	#59 X-Ray Grou	4	
0131.COMP	5	13:10	12:05:51.4	+24:21:17	300	90	3.0	#59 X-Ray Grou	4	
0132.nrgb184.188	240	13:11	12:06:10.8	+25:33:20	300	90	3.0	#59 X-Ray Grou	4	
0133.COMP	5	13:15	12:06:10.8	+25:33:20	300	90	3.0	#59 X-Ray Grou	4	
0134.Feige66	30	13:19	12:37:23.5	+25:03:59	300	90	3.0	#56 Photometri	4	
0135.COMP	5	13:20	12:37:23.5	+25:03:59	300	90	3.0	#56 Photometri	4	
0136.Feige66	30	13:21	12:37:23.5	+25:03:59	300	90	3.0	#56 Photometri	2	
0137.COMP	12	13:22	12:37:23.5	+25:03:59	300	90	3.0	#56 Photometri	2	
0138.N3377	60	13:24	10:45:02.6	+14:14:51	300	90	3.0	#57 Velocity S	4	
0139.COMP	5	13:26	10:45:02.6	+14:14:51	300	90	3.0	#57 Velocity S	4	

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0140.N3377	60	13:26	10:45:02.6	+14:14:51	300	90	3.0	#57 Velocity S	2	
0141.COMP	12	13:28	10:45:02.6	+14:14:51	300	90	3.0	#57 Velocity S	2	
0142-0146.sky	2	14:05	10:45:02.6	+14:14:51	300	90	3.0	#57 Velocity S	4	
0147.COMP	5	14:06	10:45:02.6	+14:14:51	300	90	3.0	#57 Velocity S	4	
0148-0157.BIAS	0	14:08	10:45:02.6	+14:14:51	300	90	3.0	#57 Velocity S	4	
0158-0167.FLAT	6	14:11	10:45:02.6	+14:14:51	300	90	3.0	#57 Velocity S	4	
0168-0177.BIAS	0	14:15	10:45:02.6	+14:14:51	300	90	3.0	#57 Velocity S	2	
0178-0187.FLAT	12	14:20	10:45:02.6	+14:14:51	300	90	3.0	#57 Velocity S	2	
0188-0197.DARK	900	16:51	10:45:02.6	+14:14:51	300	90	3.0	#57 Velocity S	2	

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0001-0008.DARK	900	0:55	10:45:02.6	+14:14:51	300	90	3.0	#57 Velocity S	4	
0009-0018.BIAS	0	1:12	10:45:02.6	+14:14:51	300	90	3.0	#57 Velocity S	4	
0019-0028.FLAT	6	1:14	10:45:02.6	+14:14:51	300	90	3.0	#57 Velocity S	4	
0029-0038.BIAS	0	1:20	10:45:02.6	+14:14:51	300	90	3.0	#57 Velocity S	2	
0039-0048.FLAT	12	1:24	10:45:02.6	+14:14:51	300	90	3.0	#57 Velocity S	2	
0049.BDp284211	30	1:35	21:51:11.0	+28:51:50	300	90	3.0	#56 Photometri	4	
0050.BDp284211	30	1:36	21:51:11.0	+28:51:50	300	90	3.0	#56 Photometri	4	
0051.COMP	5	1:37	21:51:11.0	+28:51:50	300	90	3.0	#56 Photometri	4	
0052.BDp284211	30	1:38	21:51:11.0	+28:51:50	300	90	3.0	#56 Photometri	2	
0053.BDp284211	30	1:39	21:51:11.0	+28:51:50	300	90	3.0	#56 Photometri	2	
0054.COMP	12	1:40	21:51:11.0	+28:51:50	300	90	3.0	#56 Photometri	2	
0055.BDp284211	30	1:42	21:51:11.0	+28:51:50	300	74	3.0	#56 Photometri	2	
0056.BDp284211	30	1:43	21:51:11.0	+28:51:50	300	74	3.0	#56 Photometri	2	
0057.COMP	12	1:44	21:51:11.0	+28:51:50	300	74	3.0	#56 Photometri	2	
0058.M31	60	1:46	00:40:00.0	+40:59:42	300	90	3.0	#57 Velocity S	2	
0059.COMP	12	1:47	00:40:00.0	+40:59:42	300	90	3.0	#57 Velocity S	2	
0060.CHCyg	1	1:50	19:24:33	50:14:30	300	90	3.0	#12 Symbiotic	2	
0061.CHCyg	5	1:50	19:24:33	50:14:30	300	90	3.0	#12 Symbiotic	2	
0062.CHCyg	30	1:51	19:24:33	50:14:30	300	90	3.0	#12 Symbiotic	2	
0063.COMP	12	1:52	19:24:33	50:14:30	300	90	3.0	#12 Symbiotic	2	

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0064.HMSge	1	1:56	19:41:57	16:44:41	300	90	3.0	#12 Symbiotic	2	
0065.HMSge	10	1:56	19:41:57	16:44:41	300	90	3.0	#12 Symbiotic	2	
0066.HMSge	60	1:56	19:41:57	16:44:41	300	90	3.0	#12 Symbiotic	2	
0067.COMP	12	1:58	19:41:57	16:44:41	300	90	3.0	#12 Symbiotic	2	
0068.AS360	10	2:00	19:45:49	18:36:49	300	90	3.0	#12 Symbiotic	2	
0069.AS360	180	2:00	19:45:49	18:36:49	300	90	3.0	#12 Symbiotic	2	
0070.COMP	12	2:04	19:45:49	18:36:49	300	90	3.0	#12 Symbiotic	2	
0071.S169	150	2:05	19:49:57	46:15:20	300	90	3.0	#12 Symbiotic	2	
0072.S169	480	2:08	19:49:57	46:15:20	300	90	3.0	#12 Symbiotic	2	
0073.COMP	12	2:17	19:49:57	46:15:20	300	90	3.0	#12 Symbiotic	2	
0074.CICyg	1	2:19	19:50:12	35:41:02	300	90	3.0	#12 Symbiotic	2	
0075.CICyg	10	2:19	19:50:12	35:41:02	300	90	3.0	#12 Symbiotic	2	
0076.CICyg	60	2:20	19:50:12	35:41:02	300	90	3.0	#12 Symbiotic	2	
0077.COMP	12	2:21	19:50:12	35:41:02	300	90	3.0	#12 Symbiotic	2	
0078.V1016Cyg	1	2:22	19:57:05	39:49:37	300	90	3.0	#12 Symbiotic	2	
0079.V1016Cyg	10	2:23	19:57:05	39:49:37	300	90	3.0	#12 Symbiotic	2	
0080.V1016Cyg	60	2:23	19:57:05	39:49:37	300	90	3.0	#12 Symbiotic	2	
0081.COMP	12	2:25	19:57:05	39:49:37	300	90	3.0	#12 Symbiotic	2	
0082.PUVu1	1	2:27	20:21:13	21:34:21	300	90	3.0	#12 Symbiotic	2	
0083.PUVu1	10	2:27	20:21:13	21:34:21	300	90	3.0	#12 Symbiotic	2	

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0084.PUVu1	120	2:27	20:21:13	21:34:21	300	90	3.0	#12 Symbiotic	2	
0085.COMP	12	2:30	20:21:13	21:34:21	300	90	3.0	#12 Symbiotic	2	
0086.He2m467	200	2:31	20:35:57	20:11:27	300	90	3.0	#12 Symbiotic	2	
0087.He2m467	660	2:35	20:35:57	20:11:27	300	90	3.0	#12 Symbiotic	2	
0088.COMP	12	2:46	20:35:57	20:11:27	300	90	3.0	#12 Symbiotic	2	
0089.He2m468	200	2:48	20:41:19	34:44:53	300	90	3.0	#12 Symbiotic	2	
0090.He2m468	660	2:52	20:41:19	34:44:53	300	90	3.0	#12 Symbiotic	2	
0091.COMP	12	3:03	20:41:19	34:44:53	300	90	3.0	#12 Symbiotic	2	
0092.S190	2	3:06	21:41:45	02:43:54	300	90	3.0	#12 Symbiotic	2	
0093.S190	10	3:07	21:41:45	02:43:54	300	90	3.0	#12 Symbiotic	2	
0094.S190	60	3:08	21:41:45	02:43:54	300	90	3.0	#12 Symbiotic	2	
0095.S190	120	3:10	21:41:45	02:43:54	300	90	3.0	#12 Symbiotic	2	
0096.COMP	12	3:13	21:41:45	02:43:54	300	90	3.0	#12 Symbiotic	2	
0097.V1329Cyg	20	3:14	20:51:01	35:34:55	300	90	3.0	#12 Symbiotic	2	
0098.V1329Cyg	120	3:15	20:51:01	35:34:55	300	90	3.0	#12 Symbiotic	2	
0099.COMP	12	3:18	20:51:01	35:34:55	300	90	3.0	#12 Symbiotic	2	
0100.SN2000dk	900	3:31	01:07:23.5	+32:24:23	300	88	3.0	#2 SN Observat	2	row=70 or possibly row 50
0101.SN2000dk	900	3:46	01:07:23.5	+32:24:23	300	88	3.0	#2 SN Observat	2	
0102.COMP	12	4:01	01:07:23.5	+32:24:23	300	88	3.0	#2 SN Observat	2	
0103.SN2000eo	1200	4:05	03:09:08.2	-10:17:54	300	-6	3.0	#2 SN Observat	2	

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0104.COMP	12	4:25	03:09:08.2	-10:17:54	300	-6	3.0	#2 SN Observat	2	
0105.a496_352	1200	4:29	04:23:03.5	-11:15:26	300	90	3.0	#64 Cluster In	2	
0106.COMP	12	4:50	04:23:03.5	-11:15:26	300	90	3.0	#64 Cluster In	2	
0107.a496_353	1200	4:53	04:32:46.3	-16:26:16	300	90	3.0	#64 Cluster In	2	
0108.COMP	12	5:14	04:32:46.3	-16:26:16	300	90	3.0	#64 Cluster In	2	
0109.a496_363	900	5:15	04:27:17.7	-15:00:34	300	90	3.0	#64 Cluster In	2	
0110.COMP	12	5:31	04:27:17.7	-15:00:34	300	90	3.0	#64 Cluster In	2	
0111.a496_364	900	5:34	04:41:38.7	-12:09:01	300	90	3.0	#64 Cluster In	2	
0112.COMP	12	5:51	04:41:38.7	-12:09:01	300	90	3.0	#64 Cluster In	2	
0113.a496_365	720	5:52	04:44:54.2	-15:04:01	300	90	3.0	#64 Cluster In	2	
0114.COMP	12	6:04	04:44:54.2	-15:04:01	300	90	3.0	#64 Cluster In	2	
0115.a496_368	600	6:05	04:45:54.7	-14:42:43	300	90	3.0	#64 Cluster In	2	
0116.COMP	12	6:16	04:45:54.7	-14:42:43	300	90	3.0	#64 Cluster In	2	
0117.031354p31230_a	1200	6:18	03:16:58.7	31:34:03	300	90	3.0	#113 Galaxy In	2	
0118.COMP	12	6:39	03:16:58.7	31:34:03	300	90	3.0	#113 Galaxy In	2	
0119.031354p31230_b	1200	6:40	03:17:06.8	31:35:00	300	90	3.0	#113 Galaxy In	2	
0120.031354p31230_b	1200	7:01	03:17:06.8	31:35:00	300	90	3.0	#113 Galaxy In	2	
0121.COMP	12	7:21	03:17:06.8	31:35:00	300	90	3.0	#113 Galaxy In	2	
0122.032212p40210_a	1020	7:25	03:25:24.5	40:32:13	300	110	3.0	#113 Galaxy In	2	row=87
0123.032212p40210_a	1020	7:42	03:25:24.5	40:32:13	300	110	3.0	#113 Galaxy In	2	

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0124.COMP	12	8:00	03:25:24.5	40:32:13	300	110	3.0	#113 Galaxy In	2	
0125.032212p40210_b	900	8:02	03:25:05.3	40:33:32	300	69	3.0	#113 Galaxy In	2	
0126.032212p40210_b	900	8:17	03:25:05.3	40:33:32	300	69	3.0	#113 Galaxy In	2	
0127.COMP	12	8:32	03:25:05.3	40:33:32	300	69	3.0	#113 Galaxy In	2	
0128.034212p46320_a	900	8:34	03:45:43.8	46:40:25	300	110	3.0	#113 Galaxy In	2	
0129.034212p46320_a	900	8:50	03:45:43.8	46:40:25	300	110	3.0	#113 Galaxy In	2	
0130.COMP	12	9:05	03:45:43.8	46:40:25	300	110	3.0	#113 Galaxy In	2	
0131.034212p46320_b	1200	9:07	03:45:44.8	46:42:32	300	84	3.0	#113 Galaxy In	2	clouds overhead
0132.034212p46320_b	1200	9:27	03:45:44.8	46:42:32	300	84	3.0	#113 Galaxy In	2	... get again
0133.COMP	12	9:48	03:45:44.8	46:42:32	300	84	3.0	#113 Galaxy In	2	wait out clouds
0134-0143.BIAS	0	13:10	12:06:12.3	+25:29:09	300	90	3.0	#113 Galaxy In	4	
0144-0153.FLAT	6	13:16	12:06:12.3	+25:29:09	300	90	3.0	#113 Galaxy In	4	
0154-0163.BIAS	0	13:20	12:06:12.3	+25:29:09	300	90	3.0	#113 Galaxy In	2	
0164-0173.FLAT	12	13:26	12:06:12.3	+25:29:09	300	90	3.0	#113 Galaxy In	2	
0174-0183.DARK	900	15:46	12:06:12.3	+25:29:09	300	90	3.0	#113 Galaxy In	2	

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<i>File</i>	<i>Exp Time</i>	<i>UT Start</i>	<i>RA</i>	<i>Dec</i>	<i>Gr.</i>	<i>P.A.</i>	<i>Slit</i>	<i>Program</i>	<i>Bin</i>	<i>Comments</i>
0001-0010.DARK	900	1:48	12:06:12.3	+25:29:09	300	90	3.0	#113 Galaxy In	4	
0011-0020.BIAS	0	2:05	12:06:12.3	+25:29:09	300	90	3.0	#113 Galaxy In	4	
0021-0030.FLAT	6	2:08	12:06:12.3	+25:29:09	300	90	3.0	#113 Galaxy In	4	
0031-0040.BIAS	0	2:11	12:06:12.3	+25:29:09	300	90	3.0	#113 Galaxy In	2	
0041-0050.FLAT	12	2:16	12:06:12.3	+25:29:09	300	90	3.0	#113 Galaxy In	2	
0051.BDp284211	30	2:43	21:51:11.0	+28:51:50	300	90	3.0	#56 Photometri	2	
0052.BDp284211	30	2:44	21:51:11.0	+28:51:50	300	90	3.0	#56 Photometri	2	
0053.COMP	12	2:45	21:51:11.0	+28:51:50	300	90	3.0	#56 Photometri	2	
0054.BDp284211	30	2:46	21:51:11.0	+28:51:50	300	90	3.0	#56 Photometri	4	
0055.BDp284211	30	2:47	21:51:11.0	+28:51:50	300	90	3.0	#56 Photometri	4	
0056.COMP	5	2:48	21:51:11.0	+28:51:50	300	90	3.0	#56 Photometri	4	
0057.BDp284211	30	2:49	21:51:11.0	+28:51:50	300	72	3.0	#56 Photometri	2	
0058.BDp284211	30	2:50	21:51:11.0	+28:51:50	300	72	3.0	#56 Photometri	2	
0059.COMP	12	2:51	21:51:11.0	+28:51:50	300	72	3.0	#56 Photometri	2	
0060.M31	60	2:53	00:40:00.0	+40:59:42	300	90	3.0	#57 Velocity S	4	
0061.COMP	5	2:55	00:40:00.0	+40:59:42	300	90	3.0	#57 Velocity S	4	
0062.M31	60	2:56	00:40:00.0	+40:59:42	300	90	3.0	#57 Velocity S	2	
0063.COMP	12	2:59	00:40:00.0	+40:59:42	300	90	3.0	#57 Velocity S	2	wait out more clouds
0064.034212p46320_b	1200	5:08	03:45:44.8	46:42:32	300	90	3.0	#113 Galaxy In	2	row=75
0065.034212p46320_b	1200	5:28	03:45:44.8	46:42:32	300	90	3.0	#113 Galaxy In	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>
0066.COMP	12	5:49	03:45:44.8	46:42:32	300	90	3.0	#113 Galaxy In	2	
0067.vso45122	600	5:51	5:11:12.5	0:57:28	300	90	3.0	#112 Orion PMS	2	
0068.COMP	12	6:02	5:11:12.5	0:57:28	300	90	3.0	#112 Orion PMS	2	
0069.SN2000fm	900	6:05	04:33:15.0	-04:10:39	300	8	3.0	#2 SN Observat	2	
0070.COMP	12	6:21	04:33:15.0	-04:10:39	300	8	3.0	#2 SN Observat	2	
0071.vso47095	1200	6:23	5:12:28.5	1:22:02	300	90	3.0	#112 Orion PMS	2	
0072.COMP	12	6:43	5:12:28.5	1:22:02	300	90	3.0	#112 Orion PMS	2	
0073.vso47466	600	7:01	5:12:47.1	0:58:00	300	90	3.0	#112 Orion PMS	2	
0074.COMP	12	7:11	5:12:47.1	0:58:00	300	90	3.0	#112 Orion PMS	2	
0075.vso47554	1200	7:12	5:12:51.9	1:19:56	300	90	3.0	#112 Orion PMS	2	
0076.COMP	12	7:34	5:12:51.9	1:19:56	300	90	3.0	#112 Orion PMS	2	
0077.vso50802	600	7:36	5:15:09.3	1:26:04	300	90	3.0	#112 Orion PMS	2	
0078.COMP	12	7:46	5:15:09.3	1:26:04	300	90	3.0	#112 Orion PMS	2	
0079.vso56484	480	7:48	5:18:58.4	1:23:33	300	90	3.0	#112 Orion PMS	2	
0080.COMP	12	7:56	5:18:58.4	1:23:33	300	90	3.0	#112 Orion PMS	2	
0081.vso59105	1200	7:59	5:20:40.0	1:10:35	300	90	3.0	#112 Orion PMS	2	
0082.COMP	12	8:22	5:20:40.0	1:10:35	300	90	3.0	#112 Orion PMS	2	
0083.vso63907	580	8:23	5:23:22.5	1:18:02	300	90	3.0	#112 Orion PMS	2	
0084.COMP	12	8:33	5:23:22.5	1:18:02	300	90	3.0	#112 Orion PMS	2	
0085.vso64283	1200	8:34	5:23:35.9	1:17:14	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
0086.COMP	12	8:55	5:23:35.9	1:17:14	300	90	3.0	#112 Orion PMS	2	
0087.vso66737	480	8:56	5:25:07.9	1:21:55	300	90	3.0	#112 Orion PMS	2	
0088.COMP	12	9:05	5:25:07.9	1:21:55	300	90	3.0	#112 Orion PMS	2	
0089.vso66979	900	9:07	5:25:14.6	1:01:56	300	90	3.0	#112 Orion PMS	2	
0090.COMP	12	9:22	5:25:14.6	1:01:56	300	90	3.0	#112 Orion PMS	2	
0091.vso69381	1200	9:24	5:26:44.0	1:10:09	300	90	3.0	#112 Orion PMS	2	
0092.COMP	12	9:45	5:26:44.0	1:10:09	300	90	3.0	#112 Orion PMS	2	
0093.SN2000fa	900	9:47	07:15:29.8	+23:25:42	300	61	3.0	#2 SN Observat	2	
0094.COMP	12	10:03	07:15:29.8	+23:25:42	300	61	3.0	#2 SN Observat	2	
0095.081954-00530_a	1200	10:05	08:22:28.7	-01:02:45	300	110	3.0	#113 Interacti	2	
0096.COMP	12	10:26	08:22:28.7	-01:02:45	300	110	3.0	#113 Interacti	2	
0097.081954-00530_b	1200	10:28	08:22:28.6	-01:06:10	300	110	3.0	#113 Interacti	2	
0098.081954-00530_b	1200	10:48	08:22:28.6	-01:06:10	300	110	3.0	#113 Interacti	2	
0099.COMP	12	11:08	08:22:28.6	-01:06:10	300	110	3.0	#113 Interacti	2	
0100.083330+02040_b	1020	11:10	08:35:59.2	01:51:54	300	110	3.0	#113 Interacti	2	
0101.083330+02040_b	1020	11:27	08:35:59.2	01:51:54	300	110	3.0	#113 Interacti	2	
0102.COMP	12	11:45	08:35:59.2	01:51:54	300	110	3.0	#113 Interacti	2	
0103.084012+13500_a	1200	11:46	08:42:56.2	13:38:30	300	107	3.0	#113 Interacti	2	a=row81
0104.COMP	12	12:07	08:42:56.2	13:38:30	300	107	3.0	#113 Interacti	2	wait out clouds
0105-0114.BIAS	0	13:04	09:00:41.9	17:37:18	300	90	3.0	#113 Interacti	4	

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0115-0124.FLAT	6	13:07	09:00:41.9	17:37:18	300	90	3.0	#113 Interacti	4	
0125-0134.BIAS	0	13:09	09:00:41.9	17:37:18	300	90	3.0	#113 Interacti	2	
0135-0144.FLAT	12	13:14	09:00:41.9	17:37:18	300	90	3.0	#113 Interacti	2	
0145-0154.DARK	900	15:33	09:00:41.9	17:37:18	300	90	3.0	#113 Interacti	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001-0010.BIAS	0	0:50	23:46:03.0	31:30:03	300	90	3.0	#113 Interacti	4	
0011.FLAT	8	0:51	23:46:39.0	31:30:02	300	90	3.0	#113 Interacti	4	Merry Christmas!
0012-0020.FLAT	8	0:53	23:49:11.0	31:30:02	300	90	3.0	#113 Interacti	4	
0021-0030.BIAS	0	0:58	23:54:02.0	31:30:02	300	90	3.0	#113 Interacti	2	
0031.FLAT	16	0:59	23:54:33.0	31:30:02	300	90	3.0	#113 Interacti	2	v. windy; cold
0032-0038.FLAT	16	1:02	23:58:06.0	31:30:02	300	90	3.0	#113 Interacti	2	
0039-0040.FLAT	16	1:03	23:59:07.0	31:30:03	300	90	3.0	#113 Interacti	2	
0041.M32	30	1:28	00:39:58	+40:35:30	300	90	3.0	#57 Velocity S	2	
0042.M32	30	1:28	00:39:58	+40:35:30	300	90	3.0	#57 Velocity S	2	
0043.COMP	10	1:29	00:39:58	+40:35:30	300	90	3.0	#57 Velocity S	2	
0044.158m213	300	1:30	00:40:30.2	+40:50:55	300	90	3.0	#57 Velocity S	4	
0045.COMP	5	1:36	00:40:30.2	+40:50:55	300	90	3.0	#57 Velocity S	4	
0046.a119c_700	600	1:37	00:59:54.9	00:16:44	300	90	3.0	#64 Cluster In	4	poor seeing
0047.COMP	5	1:48	00:59:54.9	00:16:44	300	90	3.0	#64 Cluster In	4	
0048.a119c_699	900	1:49	00:47:55.8	-1:53:06	300	90	3.0	#64 Cluster In	4	
0049.COMP	5	2:04	00:47:55.8	-1:53:06	300	90	3.0	#64 Cluster In	4	
0050.a119c_698	900	2:05	01:00:40.3	-2:56:10	300	90	3.0	#64 Cluster In	4	
0051.COMP	5	2:20	01:00:40.3	-2:56:10	300	90	3.0	#64 Cluster In	4	
0052.a119c_678	900	2:23	00:56:59.9	-2:31:34	300	90	3.0	#64 Cluster In	4	
0053.COMP	5	2:40	00:56:59.9	-2:31:34	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>
0054.a168_002	300	2:41	01:15:11.7	2:17:23	300	90	3.0	#64 Cluster In	4	
0055.COMP	5	2:46	01:15:11.7	2:17:23	300	90	3.0	#64 Cluster In	4	
0056.a168_005	480	2:52	01:12:04.6	-0:14:42	300	90	3.0	#64 Cluster In	4	
0057.COMP	5	3:01	01:12:04.6	-0:14:42	300	90	3.0	#64 Cluster In	4	
0058.a168_007	300	3:01	01:18:32.9	1:09:30	300	90	3.0	#64 Cluster In	4	
0059.COMP	5	3:07	01:18:32.9	1:09:30	300	90	3.0	#64 Cluster In	4	
0060.a168_009	240	3:07	01:20:23.1	-0:04:44	300	90	3.0	#64 Cluster In	4	
0061.COMP	5	3:12	01:20:23.1	-0:04:44	300	90	3.0	#64 Cluster In	4	
0062.a168_010	240	3:12	01:15:51.5	2:18:30	300	90	3.0	#64 Cluster In	4	
0063.COMP	5	3:17	01:15:51.5	2:18:30	300	90	3.0	#64 Cluster In	4	
0064.SN2000fd	1200	3:21	00:29:12.0	+33:06:29	300	87	3.0	#2 SN Observat	2	ok
0065.COMP	10	3:42	00:29:12.0	+33:06:29	300	87	3.0	#2 SN Observat	2	
0066.a168_011	360	3:43	01:12:03.3	-0:04:03	300	90	3.0	#64 Cluster In	4	clouds moving in; mmt in fog
0067.COMP	5	3:50	01:12:03.3	-0:04:03	300	90	3.0	#64 Cluster In	4	
0068.a168_012	360	3:51	01:18:32.2	-1:11:50	300	90	3.0	#64 Cluster In	4	
0069.COMP	5	3:58	01:18:32.2	-1:11:50	300	90	3.0	#64 Cluster In	4	
0070.SN2000eo	1020	4:01	03:09:08.2	-10:17:54	300	0	3.0	#2 SN Observat	2	
0071.COMP	10	4:19	03:09:08.2	-10:17:54	300	0	3.0	#2 SN Observat	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001-0010.DARK	900	22:56	04:30:00	32:00:00	300	0	3.0	#2 SN Observat	4	
0011-0020.BIAS	0	0:00	04:30:00	32:00:00	300	0	3.0	#2 SN Observat	4	
0021-0030.FLAT	8	0:03	04:30:00	32:00:00	300	0	3.0	#2 SN Observat	4	
0031-0040.BIAS	0	0:06	04:30:00	32:00:00	300	0	3.0	#2 SN Observat	2	
0041-0050.FLAT	16	0:11	04:30:00	32:00:00	300	0	3.0	#2 SN Observat	2	
0051-0055.sky	2	0:42	23:30:00	32:00:00	300	90	3.0	#56 Velocity S	4	
0056.COMP	5	0:42	23:30:00	32:00:00	300	90	3.0	#56 Velocity S	4	
0057.HD217086	5	1:17	22:56:47.1	+62:43:37	300	90	3.0	#56 Photometri	4	
0058.HD217086	5	1:18	22:56:47.1	+62:43:37	300	90	3.0	#56 Photometri	4	
0059.HD217086	5	1:18	22:56:47.1	+62:43:37	300	90	3.0	#56 Photometri	4	
0060.COMP	5	1:19	22:56:47.1	+62:43:37	300	90	3.0	#56 Photometri	4	
0061.M32	30	1:20	00:39:58	+40:35:30	300	90	3.0	#57 Velocity S	4	
0062.M32	30	1:20	00:39:58	+40:35:30	300	90	3.0	#57 Velocity S	4	
0063.COMP	5	1:21	00:39:58	+40:35:30	300	90	3.0	#57 Velocity S	4	
0064.163m217	240	1:22	00:40:33.3	+41:11:20	300	90	3.0	#57 Velocity S	4	seeing is terrible
0065.COMP	5	1:27	00:40:33.3	+41:11:20	300	90	3.0	#57 Velocity S	4	
0066.srgb087.040	120	1:29	01:04:17.0	-01:04:32	300	90	3.0	#59 X-Ray Grou	4	
0067.COMP	5	1:31	01:04:17.0	-01:04:32	300	90	3.0	#59 X-Ray Grou	4	
0068.srgb087.041	150	1:32	01:04:17.2	-00:45:55	300	90	3.0	#59 X-Ray Grou	4	
0069.COMP	5	1:35	01:04:17.2	-00:45:55	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
0070.srgb087.042	180	1:36	01:04:25.4	-00:11:17	300	90	3.0	#59 X-Ray Grou	4	windy
0071.COMP	5	1:39	01:04:25.4	-00:11:17	300	90	3.0	#59 X-Ray Grou	4	
0072.a168_015	360	1:47	01:17:25.3	-0:20:26	300	90	3.0	#64 Cluster In	4	
0073.COMP	5	1:53	01:17:25.3	-0:20:26	300	90	3.0	#64 Cluster In	4	
0074.a168_016	210	1:54	01:18:02.8	-1:34:20	300	90	3.0	#64 Cluster In	4	60-inch secondary focus continues to have major problems
0075.COMP	5	1:58	01:18:02.8	-1:34:20	300	90	3.0	#64 Cluster In	4	
0076.a168_017	720	2:01	01:15:15.4	1:47:08	300	90	3.0	#64 Cluster In	4	
0077.COMP	5	2:13	01:15:15.4	1:47:08	300	90	3.0	#64 Cluster In	4	
0078.a168_018	300	2:14	01:18:02.2	1:23:09	300	90	3.0	#64 Cluster In	4	
0079.COMP	5	2:20	01:18:02.2	1:23:09	300	90	3.0	#64 Cluster In	4	
0080.a168_019	720	2:21	01:09:29.8	1:48:43	300	90	3.0	#64 Cluster In	4	impossible to go faint; abort sn attempts
0081.COMP	5	2:34	01:09:29.8	1:48:43	300	90	3.0	#64 Cluster In	4	
0082.a168_020	600	2:52	01:19:13.4	-1:08:39	300	33	3.0	#64 Cluster In	2	
0083.COMP	5	3:03	01:19:13.4	-1:08:39	300	33	3.0	#64 Cluster In	2	
0084.a168_024	1200	3:03	01:24:38.1	-0:03:46	300	33	3.0	#64 Cluster In	2	
0085.COMP	5	3:24	01:24:38.1	-0:03:46	300	33	3.0	#64 Cluster In	2	
0086.a168_023	720	3:28	01:12:51.8	1:30:52	300	33	3.0	#64 Cluster In	4	
0087.COMP	5	3:41	01:12:51.8	1:30:52	300	33	3.0	#64 Cluster In	4	
0088.a168_025	900	3:42	01:14:31.3	0:47:29	300	33	3.0	#64 Cluster In	4	close due to ferocious winds
0089.COMP	5	3:58	01:14:31.3	0:47:29	300	33	3.0	#64 Cluster In	4	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001.COMP	10	1:32	00:40:00	25:00:00	600	22	3.0	#70f Elliptica	2	clear, calm skies
0002.BIAS	0	1:33	00:40:00	25:00:00	600	22	3.0	#70f Elliptica	2	600-line; 3-sec slit; tilt=450
0003-0011.BIAS	0	1:35	00:40:00	25:00:00	600	22	3.0	#70f Elliptica	2	
0012-0025.FLAT	35	1:46	00:40:00	25:00:00	600	22	3.0	#70f Elliptica	2	
0026.Feige110	240	1:49	23:19:58.4	-05:09:56	600	30	3.0	#70f Elliptica	2	for Nelson
0027.Feige110	240	1:53	23:19:58.4	-05:09:56	600	30	3.0	#70f Elliptica	2	
0028.COMP	10	1:57	23:19:58.4	-05:09:56	600	30	3.0	#70f Elliptica	2	
0029.BDp284211	120	2:00	21:51:11.0	+28:51:50	600	73	3.0	#70f Elliptica	2	
0030.BDp284211	120	2:03	21:51:11.0	+28:51:50	600	73	3.0	#70f Elliptica	2	
0031.COMP	10	2:05	21:51:11.0	+28:51:50	600	73	3.0	#70f Elliptica	2	
0032.COMP	10	2:09	23:01:06	16:23:17	600	58	3.0	#70f Elliptica	2	
0033.N7468	900	2:10	23:01:06	16:23:17	600	58	3.0	#70f Elliptica	2	
0034.COMP	10	2:26	23:01:06	16:23:17	600	58	3.0	#70f Elliptica	2	
0035.N7468	900	2:26	23:01:06	16:23:17	600	58	3.0	#70f Elliptica	2	
0036.COMP	10	2:42	23:01:06	16:23:17	600	58	3.0	#70f Elliptica	2	
0037.N7454	900	2:42	23:01:06	16:23:17	600	58	3.0	#70f Elliptica	2	
0038.COMP	10	2:58	23:01:06	16:23:17	600	58	3.0	#70f Elliptica	2	
0039.COMP	10	3:00	01:30:06.5	-07:30:46	600	22	3.0	#70f Elliptica	2	
0040.N636	720	3:01	01:39:07	-07:30:45	600	15	3.0	#70f Elliptica	2	
0041.COMP	10	3:14	01:39:07	-07:30:45	600	15	3.0	#70f Elliptica	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>
0042.N636	720	3:14	01:39:07	-07:30:45	600	15	3.0	#70f Elliptica	2	
0043.COMP	10	3:27	01:39:07	-07:30:45	600	15	3.0	#70f Elliptica	2	
0044.N636	720	3:27	01:39:07	-07:30:45	600	15	3.0	#70f Elliptica	2	
0045.COMP	10	3:40	01:39:07	-07:30:45	600	15	3.0	#70f Elliptica	2	
0046.COMP	10	3:41	01:31:21.0	-06:52:16	600	15	3.0	#70f Elliptica	2	
0047.N584	720	3:42	01:31:21.0	-06:52:16	600	30	3.0	#70f Elliptica	2	
0048.COMP	10	3:54	01:31:21.0	-06:52:16	600	30	3.0	#70f Elliptica	2	
0049.N584	720	3:55	01:31:21.0	-06:52:16	600	30	3.0	#70f Elliptica	2	
0050.COMP	10	4:08	01:31:21.0	-06:52:16	600	30	3.0	#70f Elliptica	2	
0051.N584	720	4:08	01:31:21.0	-06:52:16	600	30	3.0	#70f Elliptica	2	
0052.COMP	10	4:21	01:31:21.0	-06:52:16	600	30	3.0	#70f Elliptica	2	
0053.COMP	10	4:23	00:42:41.8	40:51:51	600	90	3.0	#70f Elliptica	2	
0054.M32	240	4:24	00:42:41.8	40:51:51	600	90	3.0	#70f Elliptica	2	
0055.M32	240	4:29	00:42:41.8	40:51:51	600	90	3.0	#70f Elliptica	2	
0056.M32	240	4:33	00:42:41.8	40:51:51	600	90	3.0	#70f Elliptica	2	
0057.M32	240	4:37	00:42:41.8	40:51:51	600	90	3.0	#70f Elliptica	2	
0058.COMP	10	4:42	00:42:41.8	40:51:51	600	90	3.0	#70f Elliptica	2	
0059.M32	240	4:42	00:42:41.8	40:51:51	600	90	3.0	#70f Elliptica	2	
0060.M32	240	4:47	00:42:41.8	40:51:51	600	90	3.0	#70f Elliptica	2	
0061.M32	240	4:51	00:42:41.8	40:51:51	600	90	3.0	#70f Elliptica	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0062.M32	240	4:55	00:42:41.8	40:51:51	600	90	3.0	#70f Elliptica	2	
0063.COMP	10	4:59	00:42:41.8	40:51:51	600	90	3.0	#70f Elliptica	2	
0064.COMP	10	5:02	03:20:13.1	-02:06:51	600	22	3.0	#70f Elliptica	2	
0065.N1298	1200	5:03	03:20:13.1	-02:06:51	600	25	3.0	#70f Elliptica	2	
0066.COMP	10	5:23	03:20:13.1	-02:06:51	600	25	3.0	#70f Elliptica	2	
0067.N1298	1200	5:24	03:20:13.1	-02:06:51	600	25	3.0	#70f Elliptica	2	
0068.COMP	10	5:44	03:20:13.1	-02:06:51	600	25	3.0	#70f Elliptica	2	
0069.N1298	1200	5:45	03:20:13.1	-02:06:51	600	25	3.0	#70f Elliptica	2	
0070.COMP	10	6:05	03:20:13.1	-02:06:51	600	25	3.0	#70f Elliptica	2	
0071.BIAS	0	6:09	05:15:00	32:00:00	300	25	3.0	#57 Velocity S	4	300-line; 3-sec slit; normal setup
0072-0080.BIAS	0	6:10	05:15:00	32:00:00	300	25	3.0	#57 Velocity S	4	
0081-0089.FLAT	8	6:13	05:15:00	32:00:00	300	25	3.0	#57 Velocity S	4	
0090.FLAT	16	6:13	05:15:00	32:00:00	300	25	3.0	#57 Velocity S	4	
0091-0099.FLAT	16	6:26	04:41:01.0	+10:59:42	300	25	3.0	#56 Photometri	2	
0100.HZ14	300	6:28	04:41:01.0	+10:59:42	300	28	3.0	#56 Photometri	2	
0101.COMP	10	6:33	04:41:01.0	+10:59:42	300	28	3.0	#56 Photometri	2	
0102.SN2000fm	1200	6:35	04:33:15.0	-04:10:39	300	25	3.0	#2 SN Observat	2	
0103.COMP	10	6:55	04:33:15.0	-04:10:39	300	25	3.0	#2 SN Observat	2	
0104.S32	45	6:57	4:37:45	-01:19:11	300	25	3.0	#12 Symbiotic	4	
0105.S32	300	6:58	4:37:45	-01:19:11	300	25	3.0	#12 Symbiotic	4	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0106.COMP	5	7:03	4:37:45	-01:19:11	300	25	3.0	#12 Symbiotic	4	
0107.vso70322	720	7:07	5:27:18.9	1:02:04	300	25	3.0	#112 Orion PMS	2	
0108.COMP	10	7:20	5:27:18.9	1:02:04	300	25	3.0	#112 Orion PMS	2	
0109.vso71316	720	7:30	5:27:53.7	1:12:03	300	25	3.0	#112 Orion PMS	4	
0110.COMP	5	7:43	5:27:53.7	1:12:03	300	25	3.0	#112 Orion PMS	4	
0111.vso72499	540	7:44	5:28:30.4	1:23:22	300	25	3.0	#112 Orion PMS	4	
0112.COMP	5	7:53	5:28:30.4	1:23:22	300	25	3.0	#112 Orion PMS	4	
0113.vso74133	600	7:54	5:29:27.7	1:20:03	300	25	3.0	#112 Orion PMS	4	ignore fainter comp to W
0114.COMP	5	8:04	5:29:27.7	1:20:03	300	25	3.0	#112 Orion PMS	4	
0115.vso76944NW	480	8:05	5:31:08.4	1:04:05	300	25	3.0	#112 Orion PMS	4	
0116.vso76944SE	600	8:14	5:31:08.4	1:04:05	300	25	3.0	#112 Orion PMS	4	
0117.COMP	5	8:24	5:31:08.4	1:04:05	300	25	3.0	#112 Orion PMS	4	
0118.vso78389	600	8:25	5:31:53.7	0:59:24	300	25	3.0	#112 Orion PMS	4	
0119.COMP	5	8:35	5:31:53.7	0:59:24	300	25	3.0	#112 Orion PMS	4	
0120.vso78423NW	600	8:36	5:31:55.1	1:16:08	300	25	3.0	#112 Orion PMS	4	
0121.vso78423SE	720	8:46	5:31:55.1	1:16:08	300	25	3.0	#112 Orion PMS	4	
0122.COMP	5	8:59	5:31:55.1	1:16:08	300	25	3.0	#112 Orion PMS	4	
0123.vso78641	900	8:59	5:32:03.1	0:59:22	300	25	3.0	#112 Orion PMS	4	
0124.COMP	5	9:15	5:32:03.1	0:59:22	300	25	3.0	#112 Orion PMS	4	
0125.BGGem	180	9:17	6:03:31	27:41:50	300	90	3.0	#100 BGGem	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0126.BGGem	900	9:21	6:03:31	27:41:50	300	90	3.0	#100 BGGem	2	
0127.COMP	10	9:36	6:03:31	27:41:50	300	90	3.0	#100 BGGem	2	
0128.SN2000fa	1200	9:38	07:15:29.8	+23:25:42	300	64	3.0	#2 SN Observat	2	
0129.COMP	10	9:58	07:15:29.8	+23:25:42	300	64	3.0	#2 SN Observat	2	
0130.BXMon	30	9:59	7:25:23	-03:35:51	300	64	3.0	#12 Symbiotic	4	
0131.BXMon	15	10:00	7:25:23	-03:35:51	300	64	3.0	#12 Symbiotic	4	
0132.BXMon	180	10:01	7:25:23	-03:35:51	300	64	3.0	#12 Symbiotic	4	
0133.COMP	5	10:04	7:25:23	-03:35:51	300	64	3.0	#12 Symbiotic	4	
0134.11475p2511	1200	10:07	11:50:06	+24:55:13	300	90	3.0	#120 X-Ray IRA	4	
0135.COMP	5	10:27	11:50:06	+24:55:13	300	90	3.0	#120 X-Ray IRA	4	
0136.12125p3328	240	10:28	12:15:05	+33:11:49	300	90	3.0	#120 X-Ray IRA	4	
0137.12125p3328	240	10:32	12:15:05	+33:11:49	300	90	3.0	#120 X-Ray IRA	4	
0138.COMP	5	10:36	12:15:05	+33:11:49	300	90	3.0	#120 X-Ray IRA	4	
0139.12415p3226	420	10:37	12:43:57	+32:10:05	300	90	3.0	#120 X-Ray IRA	4	large, extended galaxy, nucleus
0140.12415p3226S	480	10:45	12:43:57	+32:10:05	300	90	3.0	#120 X-Ray IRA	4	more southerly part of gal; centered on HII regions
0141.COMP	5	10:53	12:43:57	+32:10:05	300	90	3.0	#120 X-Ray IRA	4	
0142.Feige34	90	10:54	10:39:36.7	+43:06:09	300	90	3.0	#56 Photometri	2	
0143.Feige34	90	10:57	10:39:36.7	+43:06:09	300	90	3.0	#56 Photometri	2	
0144.COMP	10	10:58	10:39:36.7	+43:06:09	300	90	3.0	#56 Photometri	2	
0145-0149.FLAT	16	11:01	10:05:00	32:00:00	300	90	3.0	#120 X-Ray IRA	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0150-0154.FLAT	8	11:03	10:05:00	32:00:00	300	90	3.0	#120 X-Ray IRA	4	
0155.BIAS	0	11:07	10:05:00	32:00:00	600	90	3.0	#120 X-Ray IRA	4	
0156.COMP	10	11:11	09:41:56.9	12:17:46	600	90	3.0	#70f Elliptica	2	back to 600-line; 3-sec slit; tilt=450.0
0157.I555	900	11:11	09:41:56.9	12:17:46	600	90	3.0	#70f Elliptica	2	
0158.COMP	10	11:27	09:41:56.9	12:17:46	600	90	3.0	#70f Elliptica	2	
0159.I555	900	11:27	09:41:56.9	12:17:46	600	33	3.0	#70f Elliptica	2	
0160.COMP	10	11:43	09:41:56.9	12:17:46	600	33	3.0	#70f Elliptica	2	
0161.I555	900	11:43	09:41:56.9	12:17:46	600	33	3.0	#70f Elliptica	2	
0162.COMP	10	11:59	09:41:56.9	12:17:46	600	33	3.0	#70f Elliptica	2	
0163.Feige34	120	12:01	10:39:36.7	+43:06:09	600	-30	3.0	#70f Elliptica	2	
0164.Feige34	120	12:04	10:39:36.7	+43:06:09	600	-30	3.0	#70f Elliptica	2	
0165.COMP	10	12:06	10:39:36.7	+43:06:09	600	-30	3.0	#70f Elliptica	2	
0166.COMP	10	12:08	11:41:57.4	-06:09:22	600	-30	3.0	#70f Elliptica	2	
0167.N3818	600	12:09	11:41:57.4	-06:09:22	600	0	3.0	#70f Elliptica	2	
0168.COMP	10	12:19	11:41:57.4	-06:09:22	600	0	3.0	#70f Elliptica	2	
0169.N3818	600	12:20	11:41:57.4	-06:09:22	600	0	3.0	#70f Elliptica	2	
0170.COMP	10	12:30	11:41:57.4	-06:09:22	600	0	3.0	#70f Elliptica	2	
0171.N3818	600	12:31	11:41:57.4	-06:09:22	600	0	3.0	#70f Elliptica	2	
0172.COMP	10	12:41	11:41:57.4	-06:09:22	600	0	3.0	#70f Elliptica	2	
0173.COMP	10	12:43	11:38:08.6	58:45:30	600	0	3.0	#70f Elliptica	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>
0174.UGC06604	900	12:45	11:38:08.6	58:45:30	600	-10	3.0	#70f Elliptica	2	
0175.COMP	10	13:00	11:38:08.6	58:45:30	600	-10	3.0	#70f Elliptica	2	
0176.UGC06604	900	13:01	11:38:08.6	58:45:30	600	-10	3.0	#70f Elliptica	2	
0177.COMP	10	13:16	11:38:08.6	58:45:30	600	-10	3.0	#70f Elliptica	2	clear @ dawn
0178-0192.FLAT	35	13:30	11:38:08.6	58:45:30	600	90	3.0	#70f Elliptica	2	
0193-0202.BIAS	0	13:33	11:38:08.6	58:45:30	600	90	3.0	#70f Elliptica	2	
0203-0212.DARK	1200	16:47	11:38:08.6	58:45:30	600	90	3.0	#70f Elliptica	2	

UT Date 2000-12-29 Observers P BerlindColl. Focus 1000 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001-0010.DARK	900	23:49	11:38:08.6	58:45:30	600	90	3.0	#70f Elliptica	4	
0011-0020.BIAS	0	0:23	11:38:08.6	58:45:30	300	90	3.0	#57 Velocity S	4	
0021.FLAT	8	0:25	11:38:08.6	58:45:30	300	90	3.0	#57 Velocity S	4	crystal clear skies!
0022-0030.FLAT	8	0:27	11:38:08.6	58:45:30	300	90	3.0	#57 Velocity S	4	
0031-0040.BIAS	0	0:30	11:38:08.6	58:45:30	300	90	3.0	#57 Velocity S	2	
0041-0050.FLAT	16	0:34	11:38:08.6	58:45:30	300	90	3.0	#57 Velocity S	2	
0051-0055.sky	2	0:44	23:48:00	32:00:00	300	90	3.0	#57 Velocity S	4	
0056.COMP	5	0:44	23:48:00	32:00:00	300	90	3.0	#57 Velocity S	4	
0057.BDp284211	30	1:28	21:51:11.0	+28:51:50	300	75	3.0	#56 Photometri	2	
0058.BDp284211	30	1:29	21:51:11.0	+28:51:50	300	75	3.0	#56 Photometri	2	
0059.COMP	10	1:30	21:51:11.0	+28:51:50	300	75	3.0	#56 Photometri	2	
0060.M32	30	1:31	00:39:58	+40:35:30	300	90	3.0	#57 Velocity S	4	
0061.M32	30	1:32	00:39:58	+40:35:30	300	90	3.0	#57 Velocity S	4	
0062.COMP	5	1:33	00:39:58	+40:35:30	300	90	3.0	#57 Velocity S	4	
0063.158m213	300	1:33	00:40:30.2	+40:50:55	300	90	3.0	#57 Velocity S	4	
0064.COMP	5	1:39	00:40:30.2	+40:50:55	300	90	3.0	#57 Velocity S	4	
0065.a168_027	300	1:40	01:15:35.5	1:08:39	300	90	3.0	#64 Cluster In	4	
0066.COMP	5	1:46	01:15:35.5	1:08:39	300	90	3.0	#64 Cluster In	4	
0067.a168_026	300	1:46	01:16:16.4	2:13:36	300	90	3.0	#64 Cluster In	4	good seeing!
0068.COMP	5	1:52	01:16:16.4	2:13:36	300	90	3.0	#64 Cluster In	4	

UT Date 2000-12-29 Observers P BerlindColl. 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>
0069.a168_028	240	1:55	01:21:52.0	1:16:51	300	90	3.0	#64 Cluster In	4	
0070.COMP	5	1:59	01:21:52.0	1:16:51	300	90	3.0	#64 Cluster In	4	
0071.a168_029	240	2:00	01:16:04.2	2:05:26	300	90	3.0	#64 Cluster In	4	
0072.COMP	5	2:04	01:16:04.2	2:05:26	300	90	3.0	#64 Cluster In	4	
0073.V407Cyg	60	2:06	21:02:09	45:46:33	300	90	3.0	#12 Symbiotic	4	
0074.V407Cyg	480	2:07	21:02:09	45:46:33	300	90	3.0	#12 Symbiotic	4	
0075.V407Cyg	15	2:16	21:02:09	45:46:33	300	90	3.0	#12 Symbiotic	4	
0076.COMP	5	2:16	21:02:09	45:46:33	300	90	3.0	#12 Symbiotic	4	
0077.AGPeg	1	2:17	21:51:02	12:37:33	300	90	3.0	#12 Symbiotic	4	
0078.AGPeg	5	2:18	21:51:02	12:37:33	300	90	3.0	#12 Symbiotic	4	
0079.AGPeg	30	2:19	21:51:02	12:37:33	300	90	3.0	#12 Symbiotic	4	
0080.COMP	5	2:20	21:51:02	12:37:33	300	90	3.0	#12 Symbiotic	4	
0081.SN2000fo	1200	2:23	22:58:25.3	+26:38:26	300	75	3.0	#2 SN Observat	2	
0082.COMP	10	2:43	22:58:25.3	+26:38:26	300	75	3.0	#2 SN Observat	2	
0083.ZAnd	1	2:45	23:33:40	48:49:06	300	75	3.0	#12 Symbiotic	2	
0084.ZAnd	5	2:46	23:33:40	48:49:06	300	75	3.0	#12 Symbiotic	2	
0085.ZAnd	10	2:47	23:33:40	48:49:06	300	75	3.0	#12 Symbiotic	2	
0086.COMP	10	2:47	23:33:40	48:49:06	300	75	3.0	#12 Symbiotic	2	
0087.EGAnd	1	2:50	0:44:37	40:40:47	300	90	3.0	#12 Symbiotic	4	
0088.EGAnd	2	2:51	0:44:37	40:40:47	300	90	3.0	#12 Symbiotic	4	

UT Date 2000-12-29 Observers P BerlindColl. 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>
0089.COMP	5	2:52	0:44:37	40:40:47	300	90	3.0	#12 Symbiotic	4	
0090.AXPer	4	2:53	1:36:23	54:15:03	300	90	3.0	#12 Symbiotic	4	
0091.AXPer	10	2:54	1:36:23	54:15:03	300	90	3.0	#12 Symbiotic	4	
0092.AXPer	100	2:55	1:36:23	54:15:03	300	90	3.0	#12 Symbiotic	4	
0093.COMP	5	2:57	1:36:23	54:15:03	300	90	3.0	#12 Symbiotic	4	
0094.V741Per	20	2:58	1:58:50	52:53:47	300	90	3.0	#12 Symbiotic	4	
0095.V741Per	60	2:59	1:58:50	52:53:47	300	90	3.0	#12 Symbiotic	4	
0096.V741Per	240	3:00	1:58:50	52:53:47	300	90	3.0	#12 Symbiotic	4	
0097.COMP	5	3:05	1:58:50	52:53:47	300	90	3.0	#12 Symbiotic	4	
0098.a168_032	270	3:07	01:18:39.4	2:33:14	300	90	3.0	#64 Cluster In	4	
0099.COMP	5	3:12	01:18:39.4	2:33:14	300	90	3.0	#64 Cluster In	4	
0100.a168_031	360	3:13	01:18:37.8	2:10:30	300	90	3.0	#64 Cluster In	4	
0101.COMP	5	3:19	01:18:37.8	2:10:30	300	90	3.0	#64 Cluster In	4	
0102.022033p570353	300	3:21	02:20:33.4	+57:03:53	300	90	3.0	#83 h/chi Pers	4	
0103.022036p570218	300	3:27	02:20:36.0	+57:02:19	300	90	3.0	#83 h/chi Pers	4	
0104.COMP	5	3:32	02:20:36.0	+57:02:19	300	90	3.0	#83 h/chi Pers	4	
0105.022039p565951	300	3:33	02:20:39.9	+56:59:51	300	90	3.0	#83 h/chi Pers	4	
0106.022040p570254	300	3:39	02:20:40.8	+57:02:55	300	90	3.0	#83 h/chi Pers	4	
0107.COMP	5	3:47	02:20:46.6	+57:16:50	300	90	3.0	#83 h/chi Pers	4	
0108.022046p571650	360	3:47	02:20:46.6	+57:16:50	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
0109.022051p570649	300	3:53	02:20:51.3	+57:06:49	300	90	3.0	#83 h/chi Pers	4	
0110.COMP	5	3:59	02:20:51.3	+57:06:49	300	90	3.0	#83 h/chi Pers	4	
0111.SN2000eo	1200	4:04	03:09:08.2	-10:17:54	300	5	3.0	#2 SN Observat	2	
0112.COMP	10	4:25	03:30:00	30:0:0	300	5	3.0	#2 SN Observat	2	
0113.022046p571836EW	300	4:29	02:20:47.0	+57:18:36	300	5	3.0	#83 h/chi Pers	2	
0114.COMP	10	4:34	02:20:47.0	+57:18:36	300	5	3.0	#83 h/chi Pers	2	
0115.022049p572005	300	4:35	02:20:49.4	+57:20:05	300	90	3.0	#83 h/chi Pers	4	
0116.022051p571103	300	4:41	02:20:51.5	+57:11:03	300	90	3.0	#83 h/chi Pers	4	wind picking up
0117.COMP	5	4:46	02:20:51.5	+57:11:03	300	90	3.0	#83 h/chi Pers	4	
0118.022053p570122	300	4:49	02:20:53.4	+57:01:22	300	35	3.0	#83 h/chi Pers	4	
0119.COMP	5	4:54	02:20:53.4	+57:01:22	300	35	3.0	#83 h/chi Pers	4	
0120.022057p571501	360	4:55	02:20:57.4	+57:15:01	300	35	3.0	#83 h/chi Pers	4	
0121.022058p570807	360	5:02	02:20:58.7	+57:08:07	300	35	3.0	#83 h/chi Pers	4	
0122.COMP	5	5:08	02:20:58.7	+57:08:07	300	35	3.0	#83 h/chi Pers	4	
0123.022102p570008	300	5:09	02:21:02.9	+57:00:08	300	35	3.0	#83 h/chi Pers	4	
0124.022103p565742	360	5:15	02:21:03.6	+56:57:42	300	35	3.0	#83 h/chi Pers	4	seeing worse
0125.COMP	5	5:21	02:21:03.6	+56:57:42	300	35	3.0	#83 h/chi Pers	4	
0126.022103p565949	330	5:22	02:21:03.3	+56:59:49	300	35	3.0	#83 h/chi Pers	4	
0127.022104p565808	330	5:28	02:21:04.3	+56:58:08	300	35	3.0	#83 h/chi Pers	4	
0128.COMP	5	5:34	02:21:04.3	+56:58:08	300	35	3.0	#83 h/chi Pers	4	

UT Date 2000-12-29 Observers P BerlindColl. Focus 1000 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0129.022104p571453	360	5:34	02:21:04.5	+57:14:53	300	35	3.0	#83 h/chi Pers	4	
0130.022107p570226	300	5:41	02:21:07.2	+57:02:26	300	35	3.0	#83 h/chi Pers	4	
0131.COMP	5	5:48	02:21:07.2	+57:02:26	300	35	3.0	#83 h/chi Pers	4	
0132.022108p565942	300	5:49	02:21:08.3	+56:59:42	300	35	3.0	#83 h/chi Pers	4	
0133.022109p565813	300	5:54	02:21:09.7	+56:58:13	300	35	3.0	#83 h/chi Pers	4	
0134.COMP	5	6:00	02:21:09.7	+56:58:13	300	35	3.0	#83 h/chi Pers	4	
0135.022109p571616	420	6:00	02:21:09.8	+57:16:16	300	35	3.0	#83 h/chi Pers	4	
0136.022111p570205	300	6:09	02:21:11.2	+57:02:06	300	35	3.0	#83 h/chi Pers	4	
0137.COMP	5	6:14	02:21:11.2	+57:02:06	300	35	3.0	#83 h/chi Pers	4	
0138.vso80659	600	6:21	5:33:21.7	1:01:23	300	90	3.0	#112 Orion PMS	4	
0139.COMP	5	6:32	5:33:21.7	1:01:23	300	90	3.0	#112 Orion PMS	4	
0140.vso80416	720	6:33	5:33:12.7	1:23:47	300	90	3.0	#112 Orion PMS	4	seeing > 3-sec
0141.COMP	5	6:46	5:33:12.7	1:23:47	300	90	3.0	#112 Orion PMS	4	
0142.vso80729	600	6:47	5:33:24.3	1:19:47	300	0	3.0	#112 Orion PMS	4	
0143.COMP	5	6:57	5:33:24.3	1:19:47	300	0	3.0	#112 Orion PMS	4	
0144.vso80896	900	6:59	5:33:30.2	1:00:06	300	0	3.0	#112 Orion PMS	4	
0145.COMP	5	7:14	5:33:30.2	1:00:06	300	0	3.0	#112 Orion PMS	4	
0146.vso86081	1200	7:16	5:36:25.0	1:17:26	300	0	3.0	#112 Orion PMS	4	
0147.COMP	5	7:37	5:36:25.0	1:17:26	300	0	3.0	#112 Orion PMS	4	
0148.Hiltner600	90	7:38	06:45:12.0	+02:06:00	300	0	3.0	#56 Photometri	2	

UT Date 2000-12-29 Observers P BerlindColl. Focus 1000 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0149.Hiltner600	90	7:40	06:45:12.0	+02:06:00	300	0	3.0	#56 Photometri	2	
0150.COMP	10	7:42	06:45:12.0	+02:06:00	300	0	3.0	#56 Photometri	2	
0151.vso90637	1200	7:45	5:39:00.1	1:06:30	300	0	3.0	#112 Orion PMS	4	
0152.COMP	5	8:06	5:39:00.1	1:06:30	300	0	3.0	#112 Orion PMS	4	
0153.vso92905	1200	8:07	5:40:01.6	1:05:27	300	0	3.0	#112 Orion PMS	4	seeing even worse
0154.COMP	5	8:27	5:40:01.6	1:05:27	300	0	3.0	#112 Orion PMS	4	
0155.vso94366	900	8:28	5:40:52.9	1:28:31	300	0	3.0	#112 Orion PMS	4	
0156.COMP	5	8:44	5:40:52.9	1:28:31	300	0	3.0	#112 Orion PMS	4	
0157.vso95707	900	8:44	5:41:42.2	1:06:57	300	0	3.0	#112 Orion PMS	4	
0158.COMP	5	9:01	5:41:42.2	1:06:57	300	0	3.0	#112 Orion PMS	4	
0159.vso98313	900	9:01	5:43:03.6	0:58:20	300	0	3.0	#112 Orion PMS	4	
0160.COMP	5	9:19	5:43:03.6	0:58:20	300	0	3.0	#112 Orion PMS	4	
0161.vso99198	720	9:20	5:43:37.3	1:15:21	300	0	3.0	#112 Orion PMS	4	wait to see if seeing improves; impossible to see anything!
0162.COMP	5	9:32	5:43:37.3	1:15:21	300	0	3.0	#112 Orion PMS	4	
0163-0172.BIAS	0	9:37	5:43:37.3	1:15:21	300	90	3.0	#112 Orion PMS	4	
0173-0182.FLAT	8	9:40	5:43:37.3	1:15:21	300	90	3.0	#112 Orion PMS	4	
0183-0192.BIAS	0	9:43	5:43:37.3	1:15:21	300	90	3.0	#112 Orion PMS	2	
0193-0202.FLAT	16	9:49	5:43:37.3	1:15:21	300	90	3.0	#112 Orion PMS	2	

UT Date 2000-12-30 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>
0001-0003.DARK	900	0:35	00:01:06.0	31:30:03	300	90	3.0	#112 Orion PMS	4	
0004-0005.DARK	900	1:05	00:31:28.0	31:30:04	300	90	3.0	#112 Orion PMS	4	
0006-0015.BIAS	0	1:21	00:32:59.0	31:30:04	300	90	3.0	#112 Orion PMS	4	
0016-0025.FLAT	6	1:24	00:35:57.0	31:30:04	300	90	3.0	#112 Orion PMS	4	
0026-0035.BIAS	0	1:27	00:38:39.0	31:30:04	300	90	3.0	#112 Orion PMS	2	
0036-0045.FLAT	12	1:32	00:43:47.0	31:30:04	300	90	3.0	#112 Orion PMS	2	
0046.BDp284211	30	1:42	21:51:11.0	+28:51:50	300	90	3.0	#56 Photometri	4	
0047.BDp284211	30	1:43	21:51:11.0	+28:51:50	300	90	3.0	#56 Photometri	4	
0048.COMP	5	1:44	21:51:11.0	+28:51:50	300	90	3.0	#56 Photometri	4	
0049.BDp284211	2	1:44	21:51:11.0	+28:51:50	300	90	3.0	#56 Photometri	2	
0050.BDp284211	2	1:45	21:51:11.0	+28:51:50	300	90	3.0	#56 Photometri	2	
0051.COMP	12	1:45	21:51:11.0	+28:51:50	300	90	3.0	#56 Photometri	2	
0052.M31	60	1:47	00:40:00.0	+40:59:42	300	90	3.0	#57 Velocity S	2	
0053.COMP	12	1:48	00:40:00.0	+40:59:42	300	90	3.0	#57 Velocity S	2	
0054.SN2000cx	1200	1:59	01:24:46.1	+09:30:30	300	-12	3.0	#2 SN Observat	2	
0055.COMP	12	2:19	01:24:46.1	+09:30:30	300	-12	3.0	#2 SN Observat	2	
0056.SN2000cx	1200	2:22	01:24:46.1	+09:30:30	300	-12	3.0	#2 SN Observat	2	
0057.COMP	12	2:43	01:24:46.1	+09:30:30	300	-12	3.0	#2 SN Observat	2	
0058.Feige24	180	2:49	02:35:07.6	+03:43:56	300	-17	3.0	#56 Photometri	2	
0059.COMP	12	2:52	02:35:07.6	+03:43:56	300	-17	3.0	#56 Photometri	2	

UT Date 2000-12-30 Observers M CalkinsColl. Focus 1000 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0060.022113p571657	180	2:59	02:21:13.9	+57:16:57	300	90	3.0	#83 h/chi Pers	2	
0061.COMP	12	3:02	02:21:13.9	+57:16:57	300	90	3.0	#83 h/chi Pers	2	
0062.022119p571954	300	3:03	02:21:19.3	+57:19:54	300	90	3.0	#83 h/chi Pers	2	
0063.COMP	12	3:09	02:21:19.3	+57:19:54	300	90	3.0	#83 h/chi Pers	2	
0064.022121p570050	360	3:10	02:21:21.3	+57:00:50	300	90	3.0	#83 h/chi Pers	2	
0065.COMP	12	3:16	02:21:21.3	+57:00:50	300	90	3.0	#83 h/chi Pers	2	
0066.022123p571909	360	3:17	02:21:23.1	+57:19:09	300	90	3.0	#83 h/chi Pers	2	
0067.COMP	12	3:24	02:21:23.1	+57:19:09	300	90	3.0	#83 h/chi Pers	2	
0068.022128p571913	360	3:25	02:21:28.2	+57:19:13	300	90	3.0	#83 h/chi Pers	2	row=76
0069.COMP	12	3:31	02:21:28.2	+57:19:13	300	90	3.0	#83 h/chi Pers	2	
0070.022133p565831	480	3:32	02:21:33.9	+56:58:31	300	90	3.0	#83 h/chi Pers	2	
0071.COMP	12	3:41	02:21:33.9	+56:58:31	300	90	3.0	#83 h/chi Pers	2	
0072.022133p565919	360	3:42	02:21:33.3	+56:59:19	300	90	3.0	#83 h/chi Pers	2	
0073.COMP	12	3:52	02:21:33.3	+56:59:19	300	90	3.0	#83 h/chi Pers	2	
0074.022138p571556	480	3:53	02:21:38.4	+57:15:56	300	90	3.0	#83 h/chi Pers	2	
0075.COMP	12	4:01	02:21:38.4	+57:15:56	300	90	3.0	#83 h/chi Pers	2	
0076.022140p571726	420	4:03	02:21:40.5	+57:17:26	300	90	3.0	#83 h/chi Pers	2	
0077.COMP	12	4:10	02:21:40.5	+57:17:26	300	90	3.0	#83 h/chi Pers	2	
0078.022147p565646	420	4:12	02:21:47.0	+56:56:46	300	90	3.0	#83 h/chi Pers	2	
0079.COMP	12	4:20	02:21:47.0	+56:56:46	300	90	3.0	#83 h/chi Pers	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0080.022149p571809	480	4:21	02:21:49.9	+57:18:09	300	90	3.0	#83 h/chi Pers	2	
0081.COMP	12	4:29	02:21:49.9	+57:18:09	300	90	3.0	#83 h/chi Pers	2	
0082.022149p571914	360	4:30	02:21:49.9	+57:19:14	300	90	3.0	#83 h/chi Pers	2	
0083.COMP	12	4:37	02:21:49.9	+57:19:14	300	90	3.0	#83 h/chi Pers	2	
0084.022155p571212	720	4:38	02:21:55.9	+57:12:12	300	90	3.0	#83 h/chi Pers	2	
0085.COMP	12	4:51	02:21:55.9	+57:12:12	300	90	3.0	#83 h/chi Pers	2	
0086.022206p570727	600	4:52	02:22:06.8	+57:07:27	300	90	3.0	#83 h/chi Pers	2	row=77
0087.COMP	12	5:02	02:22:06.8	+57:07:27	300	90	3.0	#83 h/chi Pers	2	
0088.022209p572056	480	5:03	02:22:09.9	+57:20:56	300	90	3.0	#83 h/chi Pers	2	
0089.COMP	12	5:12	02:22:09.9	+57:20:56	300	90	3.0	#83 h/chi Pers	2	
0090.022219p571836	600	5:14	02:22:19.6	+57:18:36	300	90	3.0	#83 h/chi Pers	2	
0091.COMP	12	5:24	02:22:19.6	+57:18:36	300	90	3.0	#83 h/chi Pers	2	
0092.022220p571812	360	5:26	02:22:20.6	+57:18:12	300	90	3.0	#83 h/chi Pers	2	
0093.COMP	12	5:32	02:22:20.6	+57:18:12	300	90	3.0	#83 h/chi Pers	2	
0094.022225p571745	600	5:33	02:22:26.0	+57:17:45	300	90	3.0	#83 h/chi Pers	2	
0095.COMP	12	5:44	02:22:26.0	+57:17:45	300	90	3.0	#83 h/chi Pers	2	
0096.022229p571913	420	6:03	02:22:29.6	+57:19:13	300	90	3.0	#83 h/chi Pers	2	
0097.COMP	12	6:10	02:22:29.6	+57:19:13	300	90	3.0	#83 h/chi Pers	2	
0098.022242p571852	480	6:11	02:22:42.5	+57:18:52	300	90	3.0	#83 h/chi Pers	2	row=76
0099.COMP	12	6:20	02:22:42.5	+57:18:52	300	90	3.0	#83 h/chi Pers	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0100.022247p571702	480	6:21	02:22:47.4	+57:17:02	300	90	3.0	#83 h/chi Pers	2	row=76
0101.COMP	12	6:29	02:22:47.4	+57:17:02	300	90	3.0	#83 h/chi Pers	2	
0102.022248p571751	300	6:30	02:22:48.6	+57:17:51	300	90	3.0	#83 h/chi Pers	2	
0103.COMP	12	6:36	02:22:48.6	+57:17:51	300	90	3.0	#83 h/chi Pers	2	
0104.022255p571748	300	6:37	02:22:55.7	+57:17:48	300	90	3.0	#83 h/chi Pers	2	
0105.COMP	12	6:43	02:22:55.7	+57:17:48	300	90	3.0	#83 h/chi Pers	2	
0106.022258p570011	480	6:44	02:22:58.3	+57:00:11	300	90	3.0	#83 h/chi Pers	2	
0107.COMP	12	6:52	02:22:58.3	+57:00:11	300	90	3.0	#83 h/chi Pers	2	
0108.vso81001	1200	7:12	5:33:34.6	1:06:10	300	90	3.0	#112 Orion PMS	2	
0109.COMP	12	7:33	5:33:34.6	1:06:10	300	90	3.0	#112 Orion PMS	2	
0110.vso82431	480	7:34	5:34:12.8	1:23:40	300	90	3.0	#112 Orion PMS	2	
0111.COMP	12	7:42	5:34:12.8	1:23:40	300	90	3.0	#112 Orion PMS	2	
0112.vso86236	900	7:44	5:36:30.1	1:08:32	300	90	3.0	#112 Orion PMS	2	
0113.COMP	12	7:59	5:36:30.1	1:08:32	300	90	3.0	#112 Orion PMS	2	
0114.vso99574	720	8:00	5:43:52.8	1:07:12	300	90	3.0	#112 Orion PMS	2	row=77
0115.COMP	12	8:13	5:43:52.8	1:07:12	300	90	3.0	#112 Orion PMS	2	
0116.vso99860	900	8:15	5:44:02.3	0:58:41	300	90	3.0	#112 Orion PMS	2	
0117.COMP	12	8:31	5:44:02.3	0:58:41	300	90	3.0	#112 Orion PMS	2	
0118.vso101866	720	8:32	5:45:10.4	1:19:58	300	90	3.0	#112 Orion PMS	2	
0119.COMP	12	8:45	5:45:10.4	1:19:58	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
0120.vso102417	900	8:46	5:45:26.2	1:21:45	300	90	3.0	#112 Orion PMS	2	
0121.COMP	12	9:01	5:45:26.2	1:21:45	300	90	3.0	#112 Orion PMS	2	
0122.vso102477	600	9:02	5:45:28.6	1:23:57	300	90	3.0	#112 Orion PMS	2	
0123.COMP	12	9:13	5:45:28.6	1:23:57	300	90	3.0	#112 Orion PMS	2	
0124.vso102933	720	9:14	5:45:41.9	1:22:56	300	90	3.0	#112 Orion PMS	2	
0125.COMP	12	9:27	5:45:41.9	1:22:56	300	90	3.0	#112 Orion PMS	2	
0126.vso104095	1020	9:28	5:46:16.9	1:21:15	300	90	3.0	#112 Orion PMS	2	
0127.COMP	12	9:46	5:46:16.9	1:21:15	300	90	3.0	#112 Orion PMS	2	
0128.vso104340	600	9:47	5:46:27.2	1:20:10	300	90	3.0	#112 Orion PMS	2	
0129.COMP	12	9:58	5:46:27.2	1:20:10	300	90	3.0	#112 Orion PMS	2	
0130.SN2000fa	900	10:01	07:15:29.8	+23:25:42	300	65	3.0	#2 SN Observat	2	row=80
0131.COMP	12	10:16	07:15:29.8	+23:25:42	300	65	3.0	#2 SN Observat	2	
0132.Feige34	90	10:25	10:39:36.7	+43:06:09	300	52	3.0	#56 Photometri	2	
0133.COMP	12	10:27	10:39:36.7	+43:06:09	300	52	3.0	#56 Photometri	2	
0134.a576_301	1200	10:28	07:41:51.8	+55:17:19	300	90	3.0	#64 Cluster In	2	
0135.COMP	12	10:49	07:41:51.8	+55:17:19	300	90	3.0	#64 Cluster In	2	
0136.a576_302	240	10:50	07:16:04.1	+54:04:44	300	90	3.0	#64 Cluster In	2	
0137.COMP	12	10:55	07:16:04.1	+54:04:44	300	90	3.0	#64 Cluster In	2	
0138.a576_303	420	10:56	07:16:53.7	+53:13:52	300	90	3.0	#64 Cluster In	2	
0139.COMP	12	11:04	07:16:53.7	+53:13:52	300	90	3.0	#64 Cluster In	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>
0140.a576_304	300	11:06	07:22:41.3	+52:57:11	300	79	3.0	#64 Cluster In	2	
0141.COMP	12	11:11	07:22:41.3	+52:57:11	300	79	3.0	#64 Cluster In	2	
0142.a576_305	600	11:13	07:30:09.1	+58:57:02	300	79	3.0	#64 Cluster In	2	
0143.COMP	12	11:23	07:30:09.1	+58:57:02	300	79	3.0	#64 Cluster In	2	
0144.a576_306	240	11:24	07:35:48.2	+53:19:04	300	79	3.0	#64 Cluster In	2	
0145.COMP	12	11:29	07:35:48.2	+53:19:04	300	79	3.0	#64 Cluster In	2	
0146.a576_307	240	11:30	07:12:42.7	+55:04:32	300	79	3.0	#64 Cluster In	2	
0147.COMP	12	11:34	07:12:42.7	+55:04:32	300	79	3.0	#64 Cluster In	2	
0148.a576_307	240	11:35	07:12:42.7	+55:04:32	300	79	3.0	#64 Cluster In	2	
0149.COMP	12	11:40	07:12:42.7	+55:04:32	300	79	3.0	#64 Cluster In	2	
0150.a576_309	180	11:42	07:46:03.8	+56:05:36	300	79	3.0	#64 Cluster In	2	
0151.COMP	12	11:45	07:46:03.8	+56:05:36	300	79	3.0	#64 Cluster In	2	
0152.a576_310	180	11:46	07:31:41.9	+52:36:20	300	79	3.0	#64 Cluster In	2	
0153.COMP	12	11:50	07:31:41.9	+52:36:20	300	79	3.0	#64 Cluster In	2	
0154.a576_311	1200	11:51	07:26:30.4	+54:29:52	300	79	3.0	#64 Cluster In	2	
0155.COMP	12	12:13	07:26:30.4	+54:29:52	300	79	3.0	#64 Cluster In	2	
0156.085754+17490_a	900	12:15	09:00:41.9	17:37:18	300	79	3.0	#113 Interacti	2	
0157.085754+17490_a	900	12:30	09:00:41.9	17:37:18	300	79	3.0	#113 Interacti	2	
0158.COMP	12	12:46	09:00:41.9	17:37:18	300	79	3.0	#113 Interacti	2	
0159.TXCVn	0	12:50	12:44:42.3	36:45:48	300	79	3.0	#12 Symbiotic	2	

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<i>File</i>	<i>Exp Time</i>	<i>UT Start</i>	<i>RA</i>	<i>Dec</i>	<i>Gr.</i>	<i>P.A.</i>	<i>Slit</i>	<i>Program</i>	<i>Bin</i>	<i>Comments</i>
0160.TXCVn	5	12:51	12:44:42.3	36:45:48	300	79	3.0	#12 Symbiotic	2	
0161.TXCVn	15	12:52	12:44:42.3	36:45:48	300	79	3.0	#12 Symbiotic	2	
0162.TXCVn	45	12:53	12:44:42.3	36:45:48	300	79	3.0	#12 Symbiotic	2	
0163.COMP	12	12:54	12:44:42.3	36:45:48	300	79	3.0	#12 Symbiotic	2	
0164.110048p45270_a	1020	12:57	11:03:38.3	+45:10:48	300	30	3.0	#113 Galaxy In	2	
0165.COMP	12	13:15	11:03:38.3	+45:10:48	300	30	3.0	#113 Galaxy In	2	
0166.N4853	180	13:19	12:58:35.1	+27:35:47	300	90	3.0	#57 Velocity S	2	
0167.COMP	12	13:22	12:58:35.1	+27:35:47	300	90	3.0	#57 Velocity S	2	
0168.HZ44	120	13:23	13:23:35.2	+36:07:59	300	90	3.0	#56 Photometri	2	
0169.COMP	12	13:26	13:23:35.2	+36:07:59	300	90	3.0	#56 Photometri	2	
0170-0174.sky	2	14:06	13:23:35.2	+36:07:59	300	90	3.0	#57 Velocity S	4	
0175.COMP	5	14:07	13:23:35.2	+36:07:59	300	90	3.0	#57 Velocity S	4	
0176-0185.BIAS	0	14:10	13:23:35.2	+36:07:59	300	90	3.0	#57 Velocity S	4	
0186-0195.FLAT	6	14:13	13:23:35.2	+36:07:59	300	90	3.0	#57 Velocity S	4	
0196-0205.BIAS	0	14:15	13:23:35.2	+36:07:59	300	90	3.0	#57 Velocity S	2	
0206-0215.FLAT	12	14:22	13:23:35.2	+36:07:59	300	90	3.0	#57 Velocity S	2	
0216-0225.DARK	900	16:52	13:23:35.2	+36:07:59	300	90	3.0	#57 Velocity S	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001-0005.DARK	900	0:37	13:23:35.2	+36:07:59	300	90	3.0	#57 Velocity S	4	
0006-0015.BIAS	0	0:54	13:23:35.2	+36:07:59	300	90	3.0	#57 Velocity S	4	
0016-0025.FLAT	6	0:57	13:23:35.2	+36:07:59	300	90	3.0	#57 Velocity S	4	
0026-0035.BIAS	0	1:01	13:23:35.2	+36:07:59	300	90	3.0	#57 Velocity S	2	
0036-0045.FLAT	12	1:05	13:23:35.2	+36:07:59	300	90	3.0	#57 Velocity S	2	
0046.BDp284211	30	1:31	21:51:11.0	+28:51:50	300	90	3.0	#56 Photometri	4	
0047.BDp284211	30	1:32	21:51:11.0	+28:51:50	300	90	3.0	#56 Photometri	4	
0048.COMP	5	1:33	21:51:11.0	+28:51:50	300	90	3.0	#56 Photometri	4	
0049.BDp284211	30	1:34	21:51:11.0	+28:51:50	300	90	3.0	#56 Photometri	2	
0050.BDp284211	30	1:35	21:51:11.0	+28:51:50	300	90	3.0	#56 Photometri	2	
0051.COMP	12	1:36	21:51:11.0	+28:51:50	300	90	3.0	#56 Photometri	2	
0052.BDp284211	30	1:37	21:51:11.0	+28:51:50	300	74	3.0	#56 Photometri	2	
0053.BDp284211	30	1:38	21:51:11.0	+28:51:50	300	74	3.0	#56 Photometri	2	
0054.COMP	12	1:39	21:51:11.0	+28:51:50	300	74	3.0	#56 Photometri	2	
0055.M31	60	1:40	00:40:00.0	+40:59:42	300	90	3.0	#57 Velocity S	2	
0056.COMP	12	1:42	00:40:00.0	+40:59:42	300	90	3.0	#57 Velocity S	2	
0057.SN2000fo	1200	1:47	22:58:25.3	+26:38:26	300	72	3.0	#2 SN Observat	2	row=78
0058.COMP	12	2:07	22:58:25.3	+26:38:26	300	72	3.0	#2 SN Observat	2	
0059.022258p570111	240	2:13	02:22:58.9	+57:01:11	300	90	3.0	#83 h/chi Pers	2	
0060.COMP	12	2:18	02:22:58.9	+57:01:11	300	90	3.0	#83 h/chi Pers	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0061.022259p571641	360	2:31	02:22:59.7	+57:16:41	300	90	3.0	#83 h/chi Pers	2	
0062.COMP	12	2:37	02:22:59.7	+57:16:41	300	90	3.0	#83 h/chi Pers	2	
0063.022301p570142	480	2:38	02:23:01.2	+57:01:42	300	90	3.0	#83 h/chi Pers	2	
0064.COMP	12	2:47	02:23:01.2	+57:01:42	300	90	3.0	#83 h/chi Pers	2	
0065.022309p570112	480	2:48	02:23:09.5	+57:01:12	300	90	3.0	#83 h/chi Pers	2	row=76
0066.COMP	12	2:57	02:23:09.5	+57:01:12	300	90	3.0	#83 h/chi Pers	2	
0067.022311p571006	480	2:58	02:23:11.2	+57:10:06	300	90	3.0	#83 h/chi Pers	2	row=76
0068.COMP	12	3:07	02:23:11.2	+57:10:06	300	90	3.0	#83 h/chi Pers	2	
0069.022314p570956	540	3:08	02:23:14.8	+57:09:56	300	90	3.0	#83 h/chi Pers	2	
0070.COMP	12	3:18	02:23:14.8	+57:09:56	300	90	3.0	#83 h/chi Pers	2	
0071.022316p570714	300	3:19	02:23:16.9	+57:07:14	300	90	3.0	#83 h/chi Pers	2	
0072.COMP	12	3:24	02:23:16.9	+57:07:14	300	90	3.0	#83 h/chi Pers	2	
0073.022319p570235	540	3:25	02:23:19.8	+57:02:35	300	90	3.0	#83 h/chi Pers	2	
0074.COMP	12	3:35	02:23:19.8	+57:02:35	300	90	3.0	#83 h/chi Pers	2	
0075.022319p570648	420	3:35	02:23:19.3	+57:06:48	300	90	3.0	#83 h/chi Pers	2	
0076.COMP	12	3:43	02:23:19.3	+57:06:48	300	90	3.0	#83 h/chi Pers	2	
0077.022322p571229	480	3:44	02:23:22.3	+57:12:29	300	90	3.0	#83 h/chi Pers	2	
0078.COMP	12	3:52	02:23:22.3	+57:12:29	300	90	3.0	#83 h/chi Pers	2	
0079.022323p571217	540	3:54	02:23:23.3	+57:12:17	300	90	3.0	#83 h/chi Pers	2	
0080.COMP	12	4:03	02:23:23.3	+57:12:17	300	90	3.0	#83 h/chi Pers	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0081.022324p570711	900	4:04	02:23:24.2	+57:07:12	300	90	3.0	#83 h/chi Pers	2	
0082.COMP	12	4:20	02:23:24.2	+57:07:12	300	90	3.0	#83 h/chi Pers	2	
0083.022327p571003	480	4:21	02:23:27.5	+57:10:03	300	90	3.0	#83 h/chi Pers	2	
0084.COMP	12	4:29	02:23:27.5	+57:10:03	300	90	3.0	#83 h/chi Pers	2	
0085.SA92-424	45	4:38	01:55:26.0	+00:56:43	300	90	3.0	#87f Irac Star	2	
0086.SA92-424	180	4:40	01:55:26.0	+00:56:43	300	90	3.0	#87f Irac Star	2	
0087.COMP	12	4:43	01:55:26.0	+00:56:43	300	90	3.0	#87f Irac Star	2	
0088.BDp20_417	45	4:45	02:32:14.4	+20:49:08	300	90	3.0	#87f Irac Star	2	
0089.BDp20_417	120	4:46	02:32:14.4	+20:49:08	300	90	3.0	#87f Irac Star	2	
0090.COMP	12	4:49	02:32:14.4	+20:49:08	300	90	3.0	#87f Irac Star	2	
0091.BDp14_549	45	4:50	03:18:20.3	+15:25:41	300	90	3.0	#87f Irac Star	2	
0092.BDp14_549	120	4:52	03:18:20.3	+15:25:41	300	90	3.0	#87f Irac Star	2	
0093.COMP	12	4:54	03:18:20.3	+15:25:41	300	90	3.0	#87f Irac Star	2	
0094.BDp23_565	30	4:56	03:49:54.7	+24:13:06	300	90	3.0	#87f Irac Star	2	
0095.BDp23_565	15	4:57	03:49:54.7	+24:13:06	300	90	3.0	#87f Irac Star	2	
0096.COMP	12	4:58	03:49:54.7	+24:13:06	300	90	3.0	#87f Irac Star	2	
0097.SN2000eo	1200	5:23	03:09:08.2	-10:17:54	300	19	3.0	#2 SN Observat	2	row=80
0098.COMP	12	5:43	03:09:08.2	-10:17:54	300	19	3.0	#2 SN Observat	2	
0099.G191B2B	240	5:50	05:05:30.6	+52:49:51	300	0	3.0	#56 Photometri	2	row=79
0100.COMP	12	5:55	05:05:30.6	+52:49:51	300	0	3.0	#56 Photometri	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>
0101.BDp22_682	45	5:59	04:21:40.3	+23:06:42	300	90	3.0	#87f Irac Star	2	
0102.COMP	12	6:00	04:21:40.3	+23:06:42	300	90	3.0	#87f Irac Star	2	
0103.HD285779	90	6:01	04:27:01.9	+17:48:54	300	90	3.0	#87f Irac Star	2	
0104.COMP	12	6:04	04:27:01.9	+17:48:54	300	90	3.0	#87f Irac Star	2	
0105.HD284525	90	6:05	04:33:03.4	+19:22:26	300	90	3.0	#87f Irac Star	2	
0106.COMP	12	6:08	04:33:03.4	+19:22:26	300	90	3.0	#87f Irac Star	2	
0107.HD285899	60	6:09	04:34:49.0	+18:03:23	300	90	3.0	#87f Irac Star	2	
0108.HD285899	120	6:11	04:34:49.0	+18:03:23	300	90	3.0	#87f Irac Star	2	
0109.COMP	12	6:13	04:34:49.0	+18:03:23	300	90	3.0	#87f Irac Star	2	
0110.HOAG22	480	6:22	06:08:38.3	+13:59:07	300	90	3.0	#87f Irac Star	2	
0111.COMP	12	6:30	06:08:38.3	+13:59:07	300	90	3.0	#87f Irac Star	2	
0112.HOAG22	960	6:31	06:08:38.3	+13:59:07	300	90	3.0	#87f Irac Star	2	
0113.COMP	12	6:48	06:08:38.3	+13:59:07	300	90	3.0	#87f Irac Star	2	
0114.vso104660	720	6:49	5:46:38.1	1:18:16	300	90	3.0	#112 Orion PMS	2	
0115.COMP	12	7:02	5:46:38.1	1:18:16	300	90	3.0	#112 Orion PMS	2	
0116.vso105630	780	7:03	5:47:14.4	1:13:26	300	90	3.0	#112 Orion PMS	2	
0117.COMP	12	7:16	5:47:14.4	1:13:26	300	90	3.0	#112 Orion PMS	2	
0118.BGGem	180	7:18	6:03:31	27:41:50	300	90	3.0	#100 BGGem	2	
0119.BGGem	900	7:21	6:03:31	27:41:50	300	90	3.0	#100 BGGem	2	
0120.COMP	12	7:37	6:03:31	27:41:50	300	90	3.0	#100 BGGem	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>
0121.vso105693	780	7:39	5:47:16.4	1:20:06	300	90	3.0	#112 Orion PMS	2	
0122.COMP	12	7:53	5:47:16.4	1:20:06	300	90	3.0	#112 Orion PMS	2	
0123.vso105782	780	7:54	5:47:20.2	1:23:08	300	90	3.0	#112 Orion PMS	2	
0124.COMP	12	8:08	5:47:20.2	1:23:08	300	90	3.0	#112 Orion PMS	2	
0125.vso106329	900	8:09	5:47:40.5	1:23:41	300	90	3.0	#112 Orion PMS	2	
0126.COMP	12	8:24	5:47:40.5	1:23:41	300	90	3.0	#112 Orion PMS	2	
0127.vso106759	720	8:26	5:47:55.5	1:06:23	300	90	3.0	#112 Orion PMS	2	
0128.COMP	12	8:38	5:47:55.5	1:06:23	300	90	3.0	#112 Orion PMS	2	
0129.vso107664	600	8:39	5:48:21.0	1:23:01	300	90	3.0	#112 Orion PMS	2	
0130.COMP	12	8:50	5:48:21.0	1:23:01	300	90	3.0	#112 Orion PMS	2	
0131.vso110179	540	8:51	5:49:53.3	1:13:09	300	90	3.0	#112 Orion PMS	2	
0132.COMP	12	9:01	5:49:53.3	1:13:09	300	90	3.0	#112 Orion PMS	2	
0133.vso110861	600	9:03	5:50:20.8	1:16:53	300	90	3.0	#112 Orion PMS	2	
0134.COMP	12	9:13	5:50:20.8	1:16:53	300	90	3.0	#112 Orion PMS	2	
0135.vso111425	1200	9:14	5:50:44.5	1:03:46	300	90	3.0	#112 Orion PMS	2	
0136.COMP	12	9:35	5:50:44.5	1:03:46	300	90	3.0	#112 Orion PMS	2	
0137.vso111941	720	9:36	5:51:03.0	1:18:02	300	90	3.0	#112 Orion PMS	2	
0138.COMP	12	9:49	5:51:03.0	1:18:02	300	90	3.0	#112 Orion PMS	2	
0139.vso112461	540	9:50	5:51:23.6	1:10:34	300	90	3.0	#112 Orion PMS	2	
0140.COMP	12	9:59	5:51:23.6	1:10:34	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>
0141.a576_312	420	10:01	07:44:13.2	+54:00:11	300	90	3.0	#64 Cluster In	4	
0142.COMP	5	10:09	07:44:13.2	+54:00:11	300	90	3.0	#64 Cluster In	4	
0143.a576_313	240	10:12	07:09:44.4	+55:20:30	300	90	3.0	#64 Cluster In	4	
0144.COMP	5	10:16	07:09:44.4	+55:20:30	300	90	3.0	#64 Cluster In	4	
0145.a576_315	180	10:18	07:26:01.7	+56:33:41	300	90	3.0	#64 Cluster In	4	
0146.COMP	5	10:22	07:26:01.7	+56:33:41	300	90	3.0	#64 Cluster In	4	
0147.a576_316	150	10:23	07:43:19.5	+54:59:10	300	90	3.0	#64 Cluster In	4	
0148.COMP	5	10:25	07:43:19.5	+54:59:10	300	90	3.0	#64 Cluster In	4	
0149.a576_316	150	10:26	07:43:19.5	+54:59:10	300	90	3.0	#64 Cluster In	4	
0150.COMP	5	10:29	07:43:19.5	+54:59:10	300	90	3.0	#64 Cluster In	4	
0151.a576_317	540	10:30	07:05:37.4	+54:00:24	300	90	3.0	#64 Cluster In	4	
0152.COMP	5	10:39	07:05:37.4	+54:00:24	300	90	3.0	#64 Cluster In	4	
0153.a576_318	480	10:40	07:29:10.4	+55:31:33	300	90	3.0	#64 Cluster In	4	
0154.COMP	5	10:48	07:29:10.4	+55:31:33	300	90	3.0	#64 Cluster In	4	
0155.a576_319	300	10:49	07:39:50.7	+54:47:02	300	90	3.0	#64 Cluster In	4	
0156.COMP	5	10:55	07:39:50.7	+54:47:02	300	90	3.0	#64 Cluster In	4	
0157.a576_320	240	10:56	07:36:33.2	+57:25:38	300	90	3.0	#64 Cluster In	4	
0158.COMP	5	11:00	07:36:33.2	+57:25:38	300	90	3.0	#64 Cluster In	4	
0159.a576_321	180	11:01	07:02:47.2	+58:11:05	300	90	3.0	#64 Cluster In	4	
0160.COMP	5	11:04	07:02:47.2	+58:11:05	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
0161.a576_322	900	11:06	06:58:10.4	+55:41:06	300	90	3.0	#64 Cluster In	4	
0162.COMP	5	11:22	06:58:10.4	+55:41:06	300	90	3.0	#64 Cluster In	4	
0163.a576_323	240	11:24	07:13:21.5	+54:50:21	300	90	3.0	#64 Cluster In	4	
0164.COMP	5	11:28	07:13:21.5	+54:50:21	300	90	3.0	#64 Cluster In	4	
0165.a576_324	540	11:31	07:13:46.9	+56:30:06	300	90	3.0	#64 Cluster In	4	
0166.COMP	5	11:40	07:13:46.9	+56:30:06	300	90	3.0	#64 Cluster In	4	
0167.a576_325	540	11:41	07:41:00.0	+55:25:14	300	90	3.0	#64 Cluster In	2	
0168.COMP	12	11:53	07:41:00.0	+55:25:14	300	90	3.0	#64 Cluster In	2	clouds overhead
0169.nrgb184.187	1020	12:04	12:05:55.5	+25:16:04	300	90	3.0	#59 X-Ray Grou	4	
0170.COMP	5	12:21	12:05:55.5	+25:16:04	300	90	3.0	#59 X-Ray Grou	4	
0171.nrgb184.189	1200	12:23	12:06:12.3	+25:29:09	300	90	3.0	#59 X-Ray Grou	4	
0172.COMP	5	12:43	12:06:12.3	+25:29:09	300	90	3.0	#59 X-Ray Grou	4	
0173.nrgb184.190	1200	12:44	12:06:19.2	+24:36:39	300	90	3.0	#59 X-Ray Grou	4	
0174.COMP	5	13:05	12:06:19.2	+24:36:39	300	90	3.0	#59 X-Ray Grou	4	
0175.nrgb184.191	1020	13:06	12:06:23.6	+24:39:58	300	90	3.0	#59 X-Ray Grou	4	
0176.COMP	5	13:23	12:06:23.6	+24:39:58	300	90	3.0	#59 X-Ray Grou	4	
0177.N3377	60	13:24	10:45:02.6	+14:14:51	300	90	3.0	#57 Velocity S	4	
0178.COMP	5	13:26	10:45:02.6	+14:14:51	300	90	3.0	#57 Velocity S	4	
0179.Feige34	90	13:27	10:39:36.7	+43:06:09	300	90	3.0	#56 Photometri	4	
0180.COMP	5	13:29	10:39:36.7	+43:06:09	300	90	3.0	#56 Photometri	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>
0181-0185.sky	2	14:12	10:39:36.7	+43:06:09	300	90	3.0	#57 Velocity S	4	
0186.COMP	5	14:12	10:39:36.7	+43:06:09	300	90	3.0	#57 Velocity S	4	
0187-0196.BIAS	0	14:14	10:39:36.7	+43:06:09	300	90	3.0	#57 Velocity S	4	
0197-0206.FLAT	6	14:18	10:39:36.7	+43:06:09	300	90	3.0	#57 Velocity S	4	
0207-0216.BIAS	0	14:21	10:39:36.7	+43:06:09	300	90	3.0	#57 Velocity S	2	
0217-0226.FLAT	12	14:26	10:39:36.7	+43:06:09	300	90	3.0	#57 Velocity S	2	
0227-0236.DARK	900	16:45	10:39:36.7	+43:06:09	300	90	3.0	#57 Velocity S	2	

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<i>File</i>	<i>Exp Time</i>	<i>UT Start</i>	<i>RA</i>	<i>Dec</i>	<i>Gr.</i>	<i>P.A.</i>	<i>Slit</i>	<i>Program</i>	<i>Bin</i>	<i>Comments</i>
0001-0005.DARK	900	0:43	10:39:36.7	+43:06:09	300	90	3.0	#57 Velocity S	4	
0006-0015.BIAS	0	1:00	10:39:36.7	+43:06:09	300	90	3.0	#57 Velocity S	4	
0016-0025.FLAT	6	1:03	10:39:36.7	+43:06:09	300	90	3.0	#57 Velocity S	4	
0026-0035.BIAS	0	1:09	10:39:36.7	+43:06:09	300	90	3.0	#57 Velocity S	2	
0036-0045.FLAT	12	1:13	10:39:36.7	+43:06:09	300	90	3.0	#57 Velocity S	2	
0046.PG0205p134	300	1:37	02:08:03.5	+13:36:31	300	90	3.0	#56 Photometri	4	
0047.COMP	5	1:43	02:08:03.5	+13:36:31	300	90	3.0	#56 Photometri	4	
0048.BDp284211	60	1:45	21:51:11.0	+28:51:50	300	90	3.0	#56 Photometri	4	
0049.BDp284211	60	1:47	21:51:11.0	+28:51:50	300	90	3.0	#56 Photometri	4	
0050.COMP	5	1:48	21:51:11.0	+28:51:50	300	90	3.0	#56 Photometri	4	
0051.BDp284211	60	1:51	21:51:11.0	+28:51:50	300	90	3.0	#56 Photometri	2	
0052.BDp284211	60	1:53	21:51:11.0	+28:51:50	300	90	3.0	#56 Photometri	2	
0053.COMP	12	1:54	21:51:11.0	+28:51:50	300	90	3.0	#56 Photometri	2	
0054.M31	70	1:56	00:40:00.0	+40:59:42	300	90	3.0	#64 Cluster In	2	
0055.COMP	12	1:57	00:40:00.0	+40:59:42	300	90	3.0	#64 Cluster In	2	
0056.a168_033	480	2:02	01:11:35.4	0:27:44	300	90	3.0	#64 Cluster In	2	
0057.COMP	12	2:10	01:11:35.4	0:27:44	300	90	3.0	#64 Cluster In	2	
0058.a168_037	240	2:11	01:19:41.0	1:53:47	300	90	3.0	#64 Cluster In	2	
0059.COMP	12	2:16	01:19:41.0	1:53:47	300	90	3.0	#64 Cluster In	2	
0060.a168_039	300	2:17	01:13:22.1	2:37:50	300	90	3.0	#64 Cluster In	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>
0061.COMP	12	2:23	01:13:22.1	2:37:50	300	90	3.0	#64 Cluster In	2	
0062.a168_040	240	2:24	01:17:08.9	1:06:16	300	90	3.0	#64 Cluster In	2	
0063.COMP	12	2:28	01:17:08.9	1:06:16	300	90	3.0	#64 Cluster In	2	
0064.SN2000fm	900	4:48	04:33:15.0	-04:10:39	300	-10	3.0	#2 SN Observat	2	
0065.SN2000fm	900	5:03	04:33:15.0	-04:10:39	300	-10	3.0	#2 SN Observat	2	
0066.COMP	12	5:18	04:33:15.0	-04:10:39	300	-10	3.0	#2 SN Observat	2	
0067.vso112656	720	5:20	5:51:30.6	1:19:36	300	90	3.0	#112 Orion PMS	2	
0068.COMP	12	5:33	5:51:30.6	1:19:36	300	90	3.0	#112 Orion PMS	2	
0069.vso113491	600	5:35	5:52:01.9	1:05:37	300	90	3.0	#112 Orion PMS	2	
0070.COMP	12	5:45	5:52:01.9	1:05:37	300	90	3.0	#112 Orion PMS	2	
0071.vso113512	900	5:46	5:52:02.3	1:15:28	300	90	3.0	#112 Orion PMS	2	
0072.COMP	12	6:02	5:52:02.3	1:15:28	300	90	3.0	#112 Orion PMS	2	
0073.vso113874	1200	6:03	5:52:15.5	1:12:29	300	90	3.0	#112 Orion PMS	2	
0074.COMP	12	6:23	5:52:15.5	1:12:29	300	90	3.0	#112 Orion PMS	2	
0075.vso114116	1200	7:23	5:52:24.8	1:14:34	300	90	3.0	#112 Orion PMS	2	
0076.COMP	12	7:43	5:52:24.8	1:14:34	300	90	3.0	#112 Orion PMS	2	
0077.vso114403	780	7:44	5:52:35.1	1:17:08	300	90	3.0	#112 Orion PMS	2	
0078.COMP	12	7:58	5:52:35.1	1:17:08	300	90	3.0	#112 Orion PMS	2	
0079.vso114763	900	7:59	5:52:46.0	1:14:51	300	90	3.0	#112 Orion PMS	2	
0080.COMP	12	8:14	5:52:46.0	1:14:51	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>
0081.vso114959	1200	8:15	5:52:51.4	1:09:27	300	90	3.0	#112 Orion PMS	2	
0082.COMP	12	8:36	5:52:51.4	1:09:27	300	90	3.0	#112 Orion PMS	2	
0083.vso115773	1200	8:37	5:53:22.4	1:25:37	300	90	3.0	#112 Orion PMS	2	
0084.COMP	12	8:58	5:53:22.4	1:25:37	300	90	3.0	#112 Orion PMS	2	
0085.vso118879	1200	8:59	5:55:07.9	1:26:02	300	90	3.0	#112 Orion PMS	2	
0086.COMP	12	9:20	5:55:07.9	1:26:02	300	90	3.0	#112 Orion PMS	2	
0087.vso122650	1200	9:22	5:57:22.0	1:16:42	300	90	3.0	#112 Orion PMS	2	
0088.COMP	12	9:43	5:57:22.0	1:16:42	300	90	3.0	#112 Orion PMS	2	
0089.SN2000fa	1200	9:45	07:15:29.8	+23:25:42	300	65	3.0	#2 SN Observat	2	
0090.COMP	12	10:06	07:15:29.8	+23:25:42	300	65	3.0	#2 SN Observat	2	
0091-0100.BIAS	0	12:02	07:15:29.8	+23:25:42	300	90	3.0	#2 SN Observat	4	
0101-0110.FLAT	6	12:06	07:15:29.8	+23:25:42	300	90	3.0	#2 SN Observat	4	
0111-0120.BIAS	0	12:10	07:15:29.8	+23:25:42	300	90	3.0	#2 SN Observat	2	
0121-0130.FLAT	12	12:14	07:15:29.8	+23:25:42	300	90	3.0	#2 SN Observat	2	
0131-0140.FLAT	900	14:34	07:15:29.8	+23:25:42	300	90	3.0	#2 SN Observat	2	