

UT Date 2002-06-13 Observers L MacriColl. Focus 980 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001.BIAS	0	2:33	12:34:27.9	31:30:57	300	90	3.0	#65 X-Ray Nova	4	binby4
0002-0010.BIAS	0	2:37	12:38:31.0	31:30:57	300	90	3.0	#65 X-Ray Nova	4	
0011-0020.FLAT	8	2:46	12:47:21.0	31:30:58	300	90	3.0	#65 X-Ray Nova	4	
0021-0023.sky	15	2:56	9:52:37	10:00:00	0	15	15.0	none	4	
0024-0025.sky	20	2:57	9:52:37	10:00:00	0	20	20.0	none	4	
0026.COMP	5	2:57	9:52:37	10:00:00	300	90	3.0	#57 Velocity S	4	
0027.BIAS	0	3:05	13:00:00	31:30:00	300	90	3.0	#57 Velocity S	2	binby2
0028-0036.BIAS	0	3:07	13:00:00	31:30:00	300	90	3.0	#57 Velocity S	2	
0037-0046.FLAT	16	3:12	13:00:00	31:30:00	300	90	3.0	#57 Velocity S	2	
0047.N4486B	120	3:38	12:30:32	+12:29:25	300	90	3.0	#57 Velocity S	4	binby4
0048.COMP	5	3:41	12:30:32	+12:29:25	300	90	3.0	#57 Velocity S	4	
0049.2MJ1118146p020034	450	3:47	11:18:14.6	+02:00:34	300	90	3.0	#68 2MASS Reds	4	
0050.COMP	5	3:56	11:18:14.6	+02:00:34	300	90	3.0	#68 2MASS Reds	4	
0051.2MJ1118228p233227	480	3:58	11:18:22.8	+23:32:27	300	90	3.0	#68 2MASS Reds	4	
0052.COMP	5	4:07	11:18:22.8	+23:32:27	300	90	3.0	#68 2MASS Reds	4	
0053.2MJ1118339p234250	480	4:08	11:18:33.9	+23:42:50	300	90	3.0	#68 2MASS Reds	4	
0054.COMP	5	4:17	11:18:33.9	+23:42:50	300	90	3.0	#68 2MASS Reds	4	
0055.2MJ1118569p230524	360	4:19	11:18:56.9	+23:05:24	300	90	3.0	#68 2MASS Reds	4	
0056.COMP	5	4:26	11:18:56.9	+23:05:24	300	90	3.0	#68 2MASS Reds	4	
0057.2MJ1119215p225019	480	4:28	11:19:21.5	+22:50:19	300	90	3.0	#68 2MASS Reds	4	

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0058.COMP	5	4:38	11:19:21.5	+22:50:19	300	90	3.0	#68 2MASS Reds	4	
0059.2MJ1118348p194049	420	4:40	11:18:34.8	+19:40:49	300	90	3.0	#68 2MASS Reds	4	
0060.COMP	5	4:47	11:18:34.8	+19:40:49	300	90	3.0	#68 2MASS Reds	4	
0061.2MJ1202484p210843	480	4:51	12:02:48.4	+21:08:43	300	90	3.0	#68 2MASS Reds	4	
0062.COMP	5	5:00	12:02:48.4	+21:08:43	300	90	3.0	#68 2MASS Reds	4	
0063.2MJ1204246p203537	360	5:05	12:04:24.6	+20:35:37	300	90	3.0	#68 2MASS Reds	4	
0064.COMP	5	5:12	12:04:24.6	+20:35:37	300	90	3.0	#68 2MASS Reds	4	
0065.2MJ1205166p210036	420	5:18	12:05:16.6	+21:00:36	300	90	3.0	#68 2MASS Reds	4	
0066.COMP	5	5:26	12:05:16.6	+21:00:36	300	90	3.0	#68 2MASS Reds	4	
0067.2MJ1206275p233802	420	5:28	12:06:27.5	+23:38:02	300	90	3.0	#68 2MASS Reds	4	
0068.2MJ1206275p233802	600	5:37	12:06:27.5	+23:38:02	300	90	3.0	#68 2MASS Reds	4	faint, redo
0069.COMP	5	5:48	12:06:27.5	+23:38:02	300	90	3.0	#68 2MASS Reds	4	
0070.2MJ1206309p222104	600	5:50	12:06:30.9	+22:21:04	300	90	3.0	#68 2MASS Reds	4	
0071.2MJ1206309p222104	600	6:01	12:06:30.9	+22:21:04	300	90	3.0	#68 2MASS Reds	4	faint, redo
0072.COMP	5	6:12	12:06:30.9	+22:21:04	300	90	3.0	#68 2MASS Reds	4	
0073.2MJ1641189p221643	420	6:14	16:41:18.9	+22:16:43	300	90	3.0	#68 2MASS Reds	4	
0074.COMP	5	6:22	16:41:18.9	+22:16:43	300	90	3.0	#68 2MASS Reds	4	
0075.2MJ1702582p333028	600	6:25	17:02:58.2	+33:30:28	300	90	3.0	#68 2MASS Reds	4	
0076.2MJ1702582p333028	600	6:36	17:02:58.2	+33:30:28	300	90	3.0	#68 2MASS Reds	4	
0077.COMP	5	6:47	17:02:58.2	+33:30:28	300	90	3.0	#68 2MASS Reds	4	

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0078.2MJ1744592p662747	120	6:52	17:44:59.2	+66:27:47	300	90	3.0	#68 2MASS Reds	4	row=40
0079.COMP	5	6:57	17:44:59.2	+66:27:47	300	90	3.0	#68 2MASS Reds	4	
0080.2MJ1635248m053232	300	7:03	16:35:24.8	-05:32:32	300	90	3.0	#68 2MASS Reds	4	
0081.COMP	5	7:10	16:35:24.8	-05:32:32	300	90	3.0	#68 2MASS Reds	4	
0082.2MJ1635486m105419	420	7:12	16:35:48.6	-10:54:19	300	90	3.0	#68 2MASS Reds	4	
0083.COMP	5	7:20	16:35:48.6	-10:54:19	300	90	3.0	#68 2MASS Reds	4	
0084.2MJ1638478m090219	480	7:21	16:38:47.8	-09:02:19	300	90	3.0	#68 2MASS Reds	4	
0085.COMP	5	7:30	16:38:47.8	-09:02:19	300	90	3.0	#68 2MASS Reds	4	
0086.2MJ1639054m063339	420	7:31	16:39:05.4	-06:33:39	300	90	3.0	#68 2MASS Reds	4	row=40
0087.COMP	5	7:41	16:39:05.4	-06:33:39	300	90	3.0	#68 2MASS Reds	4	
0088.2MJ1642216m055630	480	7:43	16:42:21.6	-05:56:30	300	90	3.0	#68 2MASS Reds	4	
0089.COMP	5	7:52	16:42:21.6	-05:56:30	300	90	3.0	#68 2MASS Reds	4	
0090.2MJ1641348p030852	360	7:54	16:41:34.8	+03:08:52	300	90	3.0	#68 2MASS Reds	4	
0091.COMP	5	8:01	16:41:34.8	+03:08:52	300	90	3.0	#68 2MASS Reds	4	
0092.2MJ1642243m002148	360	8:02	16:42:24.3	-00:21:48	300	90	3.0	#68 2MASS Reds	4	
0093.COMP	5	8:09	16:42:24.3	-00:21:48	300	90	3.0	#68 2MASS Reds	4	
0094.2MJ1644576m081502	450	8:11	16:44:57.6	-08:15:02	300	90	3.0	#68 2MASS Reds	4	
0095.COMP	5	8:20	16:44:57.6	-08:15:02	300	90	3.0	#68 2MASS Reds	4	
0096.2MJ1647020m020231	480	8:23	16:47:02.0	-02:02:31	300	90	3.0	#68 2MASS Reds	4	
0097.COMP	5	8:32	16:47:02.0	-02:02:31	300	90	3.0	#68 2MASS Reds	4	

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0098.2MJ1647076p005548	360	8:33	16:47:07.6	+00:55:48	300	90	3.0	#68 2MASS Reds	4	
0099.COMP	5	8:40	16:47:07.6	+00:55:48	300	90	3.0	#68 2MASS Reds	4	
0100.2MJ1647364m012509	300	8:41	16:47:36.4	-01:25:09	300	90	3.0	#68 2MASS Reds	4	
0101.COMP	5	8:47	16:47:36.4	-01:25:09	300	90	3.0	#68 2MASS Reds	4	
0102.2MJ1658310p065641	300	8:48	16:58:31.0	+06:56:41	300	90	3.0	#68 2MASS Reds	4	
0103.COMP	5	8:54	16:58:31.0	+06:56:41	300	90	3.0	#68 2MASS Reds	4	
0104.2MJ1658400p025641	360	8:55	16:58:40.0	+02:56:41	300	90	3.0	#68 2MASS Reds	4	
0105.COMP	5	9:02	16:58:40.0	+02:56:41	300	90	3.0	#68 2MASS Reds	4	
0106.2MJ1743463p330530	420	9:04	17:43:46.3	+33:05:30	300	90	3.0	#68 2MASS Reds	4	
0107.COMP	5	9:11	17:43:46.3	+33:05:30	300	90	3.0	#68 2MASS Reds	4	
0108.2MJ1758081p432511	420	9:13	17:58:08.1	+43:25:11	300	90	3.0	#68 2MASS Reds	4	
0109.COMP	5	9:21	17:58:08.1	+43:25:11	300	90	3.0	#68 2MASS Reds	4	
0110.2MJ1801363p751718	420	9:23	18:01:36.3	+75:17:18	300	90	3.0	#68 2MASS Reds	4	
0111.COMP	5	9:30	18:01:36.3	+75:17:18	300	90	3.0	#68 2MASS Reds	4	
0112.2MJ2157507m042905	480	9:34	21:57:50.7	-04:29:05	300	90	3.0	#68 2MASS Reds	4	
0113.COMP	5	9:43	21:57:50.7	-04:29:05	300	90	3.0	#68 2MASS Reds	4	
0114.2MJ2205261m054431	480	9:44	22:05:26.1	-05:44:31	300	90	3.0	#68 2MASS Reds	4	
0115.COMP	5	9:53	22:05:26.1	-05:44:31	300	90	3.0	#68 2MASS Reds	4	
0116.2MJ2241119p014621	600	9:57	22:41:11.9	+01:46:21	300	90	3.0	#68 2MASS Reds	4	three objects
0117.COMP	5	10:08	22:41:11.9	+01:46:21	300	90	3.0	#68 2MASS Reds	4	

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0118.2MJ2153057m165338	420	10:12	21:53:05.7	-16:53:38	300	90	3.0	#68 2MASS Reds	4	
0119.COMP	5	10:20	21:53:05.7	-16:53:38	300	90	3.0	#68 2MASS Reds	4	
0120.2MJ2109512m205355	420	10:22	21:09:51.2	-20:53:55	300	90	3.0	#68 2MASS Reds	4	
0121.COMP	5	10:30	21:09:51.2	-20:53:55	300	90	3.0	#68 2MASS Reds	4	
0122.2MJ2106239m214013	360	10:31	21:06:23.9	-21:40:13	300	90	3.0	#68 2MASS Reds	4	
0123.COMP	5	10:38	21:06:23.9	-21:40:13	300	90	3.0	#68 2MASS Reds	4	
0124.2MJ2120235m131016	420	10:39	21:20:23.5	-13:10:16	300	90	3.0	#68 2MASS Reds	4	
0125.COMP	5	10:47	21:20:23.5	-13:10:16	300	90	3.0	#68 2MASS Reds	4	
0126.2MJ2104558m214350	360	10:50	21:04:55.8	-21:43:50	300	90	3.0	#68 2MASS Reds	4	
0127.COMP	5	10:56	21:04:55.8	-21:43:50	300	90	3.0	#68 2MASS Reds	4	
0128.2MJ2059592m200741	420	10:57	20:59:59.2	-20:07:41	300	90	3.0	#68 2MASS Reds	4	
0129.COMP	5	11:05	20:59:59.2	-20:07:41	300	90	3.0	#68 2MASS Reds	4	
0130.2MJ2149507p032442	600	11:07	21:49:50.7	+03:24:42	300	90	3.0	#68 2MASS Reds	4	very faint
0131.COMP	5	11:19	21:49:50.7	+03:24:42	300	90	3.0	#68 2MASS Reds	4	
0132.N7331	60	11:20	22:34:46.9	+34:09:43	300	90	3.0	#57 Velocity S	4	
0133.COMP	5	11:24	22:39:30.8	34:25:22	300	90	3.0	#57 Velocity S	4	
0134-0135.DARK	900	11:56	22:14:21.5	31:30:01	300	90	3.0	#57 Velocity S	4	
0136.DARK	900	12:12	22:29:31.4	31:29:59	300	90	3.0	#57 Velocity S	4	
0137.DARK	900	12:27	22:44:41.3	31:29:58	300	90	3.0	#57 Velocity S	4	
0138.DARK	900	12:42	22:59:50.1	31:29:57	300	90	3.0	#57 Velocity S	4	



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0139-0143.DARK	900	13:57	00:15:36.5	31:29:56	300	90	3.0	#57 Velocity S	4	
newcomp.ms	10	7:24	01:48:22.2	+11:31:34	300	0	3.0	#2 SN Observat	4	