

UT Date 2001-12-22 Observers Lucas MacriColl. Focus 1000 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0001-0010.BIAS	0	21:46	11:22:18.3	-03:04:51	300	90	3.0	#57 Radial Vel	2	
0011-0020.FLAT	12	21:51	11:22:18.3	-03:04:51	300	90	3.0	#57 Radial Vel	2	
0021-0030.DARK	900	0:12	11:22:18.3	-03:04:51	300	90	3.0	#57 Radial Vel	2	
0031-0040.sky	7	0:47	20:22:00	31:29:13	300	90	3.0	#57 Radial Vel	2	
0041.COMP	12	0:47	20:22:00	31:29:13	300	90	3.0	#57 Radial Vel	2	
0042.BDp284211	30	0:47	21:48:57.1	28:37:48	300	90	3.0	#57 Radial Vel	2	
0043.BDp284211	30	0:47	21:48:57.1	28:37:48	300	90	3.0	#57 Radial Vel	2	
0044.COMP	12	0:47	21:48:57.1	28:37:48	300	90	3.0	#57 Radial Vel	2	
0045.2MJ2320067p430229	360	0:47	23:20:06.7	+43:02:29	300	90	3.0	#68 2MASS Reds	2	
0046.COMP	12	0:47	23:20:06.7	+43:02:29	300	90	3.0	#68 2MASS Reds	2	
0047.2MJ2329031p463103	360	0:47	23:29:03.1	+46:31:03	300	90	3.0	#68 2MASS Reds	2	
0048.COMP	12	0:47	23:29:03.1	+46:31:03	300	90	3.0	#68 2MASS Reds	2	
0049.2MJ2336270p524241	360	0:47	23:36:27.0	+52:42:41	300	90	3.0	#68 2MASS Reds	2	
0050.COMP	12	0:47	23:36:27.0	+52:42:41	300	90	3.0	#68 2MASS Reds	2	
0051.2MJ2340442p503031	360	0:47	23:40:44.2	+50:30:31	300	90	3.0	#68 2MASS Reds	2	
0052.COMP	12	0:47	23:40:44.2	+50:30:31	300	90	3.0	#68 2MASS Reds	2	
0053.2MJ2347291p550247	300	0:47	23:47:29.1	+55:02:47	300	90	3.0	#68 2MASS Reds	2	
0054.COMP	12	0:47	23:47:29.1	+55:02:47	300	90	3.0	#68 2MASS Reds	2	
0055.2MJ0036091p552241	360	0:47	00:36:09.1	+55:22:41	300	90	3.0	#68 2MASS Reds	2	no good
0056.COMP	12	0:47	00:36:09.1	+55:22:41	300	90	3.0	#68 2MASS Reds	2	

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0057.2MJ0036091p552241	900	0:47	00:36:09.1	+55:22:41	300	90	3.0	#68 2MASS Reds	2	row=81
0058.COMP	12	0:47	00:36:09.1	+55:22:41	300	90	3.0	#68 2MASS Reds	2	
0059.2MJ0037046p793014	480	0:47	00:37:04.6	+79:30:14	300	90	3.0	#68 2MASS Reds	2	
0060.COMP	12	0:47	00:37:04.6	+79:30:14	300	90	3.0	#68 2MASS Reds	2	
0061.2MJ0143557p804912	600	0:47	01:43:55.7	+80:49:12	300	90	3.0	#68 2MASS Reds	2	
0062.COMP	12	0:47	01:43:55.7	+80:49:12	300	90	3.0	#68 2MASS Reds	2	
0063.2MJ0209559p752014	600	0:47	02:09:55.9	+75:20:14	300	90	3.0	#68 2MASS Reds	2	
0064.COMP	12	0:47	02:09:55.9	+75:20:14	300	90	3.0	#68 2MASS Reds	2	
0065.2MJ0215261p515037	600	0:47	02:15:26.1	+51:50:37	300	90	3.0	#68 2MASS Reds	2	
0066.COMP	12	0:47	02:15:26.1	+51:50:37	300	90	3.0	#68 2MASS Reds	2	
0067.2MJ0216204p472214	600	0:47	02:16:20.4	+47:22:14	300	90	3.0	#68 2MASS Reds	2	
0068.COMP	12	0:47	02:16:20.4	+47:22:14	300	90	3.0	#68 2MASS Reds	2	
0069.2MJ0218531p520002	480	0:47	02:18:53.1	+52:00:02	300	90	3.0	#68 2MASS Reds	2	
0070.COMP	12	0:47	02:18:53.1	+52:00:02	300	90	3.0	#68 2MASS Reds	2	
0071.2MJ0220446p534938	480	0:47	02:20:44.6	+53:49:38	300	90	3.0	#68 2MASS Reds	2	
0072.COMP	12	0:47	02:20:44.6	+53:49:38	300	90	3.0	#68 2MASS Reds	2	
0073.2MJ0224587p520147	480	0:47	02:24:58.7	+52:01:47	300	90	3.0	#68 2MASS Reds	2	
0074.COMP	12	0:47	02:24:58.7	+52:01:47	300	90	3.0	#68 2MASS Reds	2	
0075.2MJ0229066p342654	480	0:47	02:29:06.6	+34:26:54	300	90	3.0	#68 2MASS Reds	2	
0076.COMP	12	0:47	02:29:06.6	+34:26:54	300	90	3.0	#68 2MASS Reds	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0077.2MJ0230571p310704	480	0:47	02:30:57.1	+31:07:04	300	90	3.0	#68 2MASS Reds	2	
0078.COMP	12	0:47	02:30:57.1	+31:07:04	300	90	3.0	#68 2MASS Reds	2	
0079.2MJ0231201p203453	480	0:47	02:31:20.1	+20:34:53	300	90	3.0	#68 2MASS Reds	2	
0080.COMP	12	0:47	02:31:20.1	+20:34:53	300	90	3.0	#68 2MASS Reds	2	
0081.2MJ0232543p304441	480	0:47	02:32:54.3	+30:44:41	300	90	3.0	#68 2MASS Reds	2	row=79
0082.COMP	12	0:47	02:32:54.3	+30:44:41	300	90	3.0	#68 2MASS Reds	2	
0083.2MJ0232550p345139	480	0:47	02:32:55.0	+34:51:39	300	90	3.0	#68 2MASS Reds	2	
0084.COMP	12	0:47	02:32:55.0	+34:51:39	300	90	3.0	#68 2MASS Reds	2	
0085.2MJ0403419p320741	480	0:47	04:03:41.9	+32:07:41	300	90	3.0	#68 2MASS Reds	2	
0086.COMP	12	0:47	04:03:41.9	+32:07:41	300	90	3.0	#68 2MASS Reds	2	
0087.2MJ0404185p294122	480	0:47	04:04:18.5	+29:41:22	300	90	3.0	#68 2MASS Reds	2	
0088.COMP	12	0:47	04:04:18.5	+29:41:22	300	90	3.0	#68 2MASS Reds	2	
0089.2MJ0405171p300701	480	0:47	04:05:17.1	+30:07:01	300	90	3.0	#68 2MASS Reds	2	
0090.COMP	12	0:47	04:05:17.1	+30:07:01	300	90	3.0	#68 2MASS Reds	2	
0091.2MJ0406045p300926	480	0:47	04:06:04.5	+30:09:26	300	90	3.0	#68 2MASS Reds	2	
0092.COMP	12	0:47	04:06:04.5	+30:09:26	300	90	3.0	#68 2MASS Reds	2	
0093.2MJ0405351p414935	480	0:47	04:05:35.1	+41:49:35	300	90	3.0	#68 2MASS Reds	2	
0094.COMP	12	0:47	04:05:35.1	+41:49:35	300	90	3.0	#68 2MASS Reds	2	
0095.2MJ0407250p421327	480	0:47	04:07:25.0	+42:13:27	300	90	3.0	#68 2MASS Reds	2	
0096.COMP	12	0:47	04:07:25.0	+42:13:27	300	90	3.0	#68 2MASS Reds	2	

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0097.2MJ0408392p211315	480	0:47	04:08:39.2	+21:13:15	300	90	3.0	#68 2MASS Reds	2	
0098.COMP	12	0:47	04:08:39.2	+21:13:15	300	90	3.0	#68 2MASS Reds	2	
0099.2MJ0409366p292231	480	0:47	04:09:36.6	+29:22:31	300	90	3.0	#68 2MASS Reds	2	
0100.COMP	12	0:47	04:09:36.6	+29:22:31	300	90	3.0	#68 2MASS Reds	2	
0101.2MJ0409578p365952	480	0:47	04:09:57.8	+36:59:52	300	90	3.0	#68 2MASS Reds	2	
0102.COMP	12	0:47	04:09:57.8	+36:59:52	300	90	3.0	#68 2MASS Reds	2	
0103.2MJ0410125p263957	480	0:47	04:10:12.5	+26:39:57	300	90	3.0	#68 2MASS Reds	2	
0104.COMP	12	0:47	04:10:12.5	+26:39:57	300	90	3.0	#68 2MASS Reds	2	
0105.2MJ0410554p232520	480	0:47	04:10:55.4	+23:25:20	300	90	3.0	#68 2MASS Reds	2	
0106.COMP	12	0:47	04:10:55.4	+23:25:20	300	90	3.0	#68 2MASS Reds	2	
0107.2MJ0413245p251212	420	0:47	04:13:24.5	+25:12:12	300	90	3.0	#68 2MASS Reds	2	
0108.COMP	12	0:47	04:13:24.5	+25:12:12	300	90	3.0	#68 2MASS Reds	2	
0109.2MJ0413514p291116	420	0:47	04:13:51.4	+29:11:16	300	90	3.0	#68 2MASS Reds	2	
0110.COMP	12	0:47	04:13:51.4	+29:11:16	300	90	3.0	#68 2MASS Reds	2	
0111.2MJ0425036p030146	360	0:47	04:25:03.6	+03:01:46	300	90	3.0	#68 2MASS Reds	2	
0112.COMP	12	0:47	04:25:03.6	+03:01:46	300	90	3.0	#68 2MASS Reds	2	
0113.2MJ0426513m101151	360	0:47	04:26:51.3	-10:11:51	300	90	3.0	#68 2MASS Reds	2	
0114.COMP	12	0:47	04:26:51.3	-10:11:51	300	90	3.0	#68 2MASS Reds	2	
0115.2MJ0426522m131424	420	0:47	04:26:52.2	-13:14:24	300	90	3.0	#68 2MASS Reds	2	
0116.COMP	12	0:47	04:26:52.2	-13:14:24	300	90	3.0	#68 2MASS Reds	2	

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0117.2MJ0427049m060953	360	0:47	04:27:04.9	-06:09:53	300	90	3.0	#68 2MASS Reds	2	
0118.COMP	12	0:47	04:27:04.9	-06:09:53	300	90	3.0	#68 2MASS Reds	2	
0119.2MJ0515198p185450	420	0:47	05:15:19.8	+18:54:50	300	90	3.0	#68 2MASS Reds	2	
0120.COMP	12	0:47	05:15:19.8	+18:54:50	300	90	3.0	#68 2MASS Reds	2	
0121.2MJ0515459p191804	360	0:47	05:15:45.9	+19:18:04	300	90	3.0	#68 2MASS Reds	2	
0122.COMP	12	0:47	05:15:45.9	+19:18:04	300	90	3.0	#68 2MASS Reds	2	
0123.HD44179	15	0:47	6:19:58.2	-10:38:13	300	90	3.0	#68 2MASS Reds	2	
0124.HD44179neb1	60	0:47	6:19:58.5	-10:38:09	300	90	3.0	#68 2MASS Reds	2	
0125.HD44179neb2	120	0:47	6:19:58.8	-10:38:04	300	90	3.0	#68 2MASS Reds	2	
0126.HD44179neb3	240	0:47	6:19:59.1	-10:38:00	300	90	3.0	#68 2MASS Reds	2	
0127.HD44179neb4	120	0:47	6:19:58.4	-10:38:03	300	90	3.0	#68 2MASS Reds	2	
0128.HD44179neb5	120	0:47	6:19:58.1	-10:38:07	300	90	3.0	#68 2MASS Reds	2	
0129.HD44179	15	0:47	6:19:58.2	-10:38:13	300	90	3.0	#68 2MASS Reds	2	
0130.COMP	12	0:47	6:19:58.2	-10:38:13	300	90	3.0	#68 2MASS Reds	2	
0131.2MJ0616504p335801	420	0:47	06:16:50.4	+33:58:01	300	90	3.0	#68 2MASS Reds	2	
0132.COMP	12	0:47	06:16:50.4	+33:58:01	300	90	3.0	#68 2MASS Reds	2	
0133.2MJ0630157p211336	420	0:47	06:30:15.7	+21:13:36	300	90	3.0	#68 2MASS Reds	2	
0134.COMP	12	0:47	06:30:15.7	+21:13:36	300	90	3.0	#68 2MASS Reds	2	
0135.2MJ0635034p223115	420	0:47	06:35:03.4	+22:31:15	300	90	3.0	#68 2MASS Reds	2	
0136.COMP	12	0:47	06:35:03.4	+22:31:15	300	90	3.0	#68 2MASS Reds	2	

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0137.2MJ0633260p191707	480	0:47	06:33:26.0	+19:17:07	300	90	3.0	#68 2MASS Reds	2	
0138.COMP	12	0:47	06:33:26.0	+19:17:07	300	90	3.0	#68 2MASS Reds	2	
0139.2MJ0635072p184244	480	0:47	06:35:07.2	+18:42:44	300	90	3.0	#68 2MASS Reds	2	
0140.COMP	12	0:47	06:35:07.2	+18:42:44	300	90	3.0	#68 2MASS Reds	2	
0141.2MJ0636025p360636	480	0:47	06:36:02.5	+36:06:36	300	90	3.0	#68 2MASS Reds	2	
0142.COMP	12	0:47	06:36:02.5	+36:06:36	300	90	3.0	#68 2MASS Reds	2	
0143.2MJ0817549m053651	480	0:47	08:17:54.9	-05:36:51	300	90	3.0	#68 2MASS Reds	2	
0144.COMP	12	0:47	08:17:54.9	-05:36:51	300	90	3.0	#68 2MASS Reds	2	
0145.2MJ0821335m132103	360	0:47	08:21:33.5	-13:21:03	300	45	3.0	#68 2MASS Reds	2	to avoid star
0146.COMP	12	0:47	08:21:33.5	-13:21:03	300	45	3.0	#68 2MASS Reds	2	
0147.2MJ0822105m133718	300	0:47	08:22:10.5	-13:37:18	300	45	3.0	#68 2MASS Reds	2	to avoid star
0148.COMP	12	0:47	08:22:10.5	-13:37:18	300	45	3.0	#68 2MASS Reds	2	
0149.2MJ0822069m145648	360	0:47	08:22:06.9	-14:56:48	300	45	3.0	#68 2MASS Reds	2	galaxy along slit, nice H alpha
0150.COMP	12	0:47	08:22:06.9	-14:56:48	300	45	3.0	#68 2MASS Reds	2	
0151.2MJ0822390m081422	360	0:47	08:22:39.0	-08:14:22	300	90	3.0	#68 2MASS Reds	2	
0152.COMP	12	0:47	08:22:39.0	-08:14:22	300	90	3.0	#68 2MASS Reds	2	
0153.2MJ0823461m051030	360	0:47	08:23:46.1	-05:10:30	300	90	3.0	#68 2MASS Reds	2	
0154.COMP	12	0:47	08:23:46.1	-05:10:30	300	90	3.0	#68 2MASS Reds	2	
0155.2MJ0830353m085234	360	0:47	08:30:35.3	-08:52:34	300	90	3.0	#68 2MASS Reds	2	
0156.COMP	12	0:47	08:30:35.3	-08:52:34	300	90	3.0	#68 2MASS Reds	2	

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0157.2MJ0835110m082313	360	0:47	08:35:11.0	-08:23:13	300	90	3.0	#68 2MASS Reds	2	
0158.COMP	12	0:47	08:35:11.0	-08:23:13	300	90	3.0	#68 2MASS Reds	2	
0159.2MJ0839078m085143	360	0:47	08:39:07.8	-08:51:43	300	90	3.0	#68 2MASS Reds	2	
0160.COMP	12	0:47	08:39:07.8	-08:51:43	300	90	3.0	#68 2MASS Reds	2	
0161.2MJ0836489m071015	360	0:47	08:36:48.9	-07:10:15	300	90	3.0	#68 2MASS Reds	2	
0162.COMP	12	0:47	08:36:48.9	-07:10:15	300	90	3.0	#68 2MASS Reds	2	
0163.2MJ0835436m121210	360	0:47	08:35:43.6	-12:12:10	300	90	3.0	#68 2MASS Reds	2	
0164.COMP	12	0:47	08:35:43.6	-12:12:10	300	90	3.0	#68 2MASS Reds	2	
0165.2MJ0836557m060103	360	0:47	08:36:55.7	-06:01:03	300	90	3.0	#68 2MASS Reds	2	
0166.COMP	12	0:47	08:36:55.7	-06:01:03	300	90	3.0	#68 2MASS Reds	2	
0167.2MJ0835181m021436	360	0:47	08:35:18.1	-02:14:36	300	90	3.0	#68 2MASS Reds	2	
0168.COMP	12	0:47	08:35:18.1	-02:14:36	300	90	3.0	#68 2MASS Reds	2	
0169.sn2001gb	1200	0:47	09:59:00.9	+17:49:12	300	34	3.0	#2 SN Observat	2	row=82
0170.COMP	12	0:47	09:59:00.9	+17:49:12	300	34	3.0	#2 SN Observat	2	
0171.Feige34	30	0:47	10:36:41.2	43:21:50	300	-33	3.0	#56 Spectropho	2	
0172.COMP	12	0:47	10:36:41.2	43:21:50	300	-33	3.0	#56 Spectropho	2	
0173-0182.BIAS	0	12:41	10:36:41.2	43:21:50	300	90	3.0	#57 Radial Vel	2	