

UT Date 2001-12-20 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	22:55	11:55:00	31:30:00	300	90	3.0		2	
0011-0020.FLAT	12	23:01	11:55:00	31:30:00	300	90	3.0		2	
0021-0025.DARK	900	0:04	11:55:00	31:30:00	300	90	3.0	#57 Velocity S	2	
0026-0030.sky	5	0:43	21:00:00	31:29:44	300	90	3.0	#57 Velocity S	2	
0031-0035.sky	7	0:45	21:00:00	31:29:44	300	90	3.0	#57 Velocity S	2	
0036.COMP	12	0:45	21:00:00	31:29:44	300	90	3.0	#57 Velocity S	2	
0037.BDp284211	30	0:45	21:48:57.1	28:37:48	300	90	3.0	#57 Velocity S	2	
0038.BDp284211	30	0:45	21:48:57.1	28:37:48	300	90	3.0	#57 Velocity S	2	
0039.COMP	12	0:45	21:48:57.1	28:37:48	300	90	3.0	#57 Velocity S	2	
0040.2MJ2035554p775107	480	0:45	20:35:55.4	+77:51:07	300	90	3.0	#68 2MASS Reds	2	
0041.COMP	12	0:45	20:35:55.4	+77:51:07	300	90	3.0	#68 2MASS Reds	2	
0042.2MJ2032233p655526	720	0:45	20:32:23.3	+65:55:26	300	9	3.0	#68 2MASS Reds	2	galaxy along slit, nice Halpha
0043.COMP	12	0:45	20:32:23.3	+65:55:26	300	90	3.0	#68 2MASS Reds	2	
0044.2MJ2042224p245443	480	0:45	20:42:22.4	+24:54:43	300	90	3.0	#68 2MASS Reds	2	
0045.COMP	12	0:45	20:42:22.4	+24:54:43	300	90	3.0	#68 2MASS Reds	2	
0046.2MJ2041260p262604	420	0:45	20:41:26.0	+26:26:04	300	90	3.0	#68 2MASS Reds	2	
0047.COMP	12	0:45	20:41:26.0	+26:26:04	300	90	3.0	#68 2MASS Reds	2	
0048.2MJ2048431p251653	420	0:45	20:48:43.1	+25:16:53	300	90	3.0	#68 2MASS Reds	2	
0049.COMP	12	0:45	20:48:43.1	+25:16:53	300	90	3.0	#68 2MASS Reds	2	
0050.2MJ2236564p501141	420	0:45	22:36:56.4	+50:11:41	300	90	3.0	#68 2MASS Reds	2	

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0051.COMP	12	0:45	22:36:56.4	+50:11:41	300	90	3.0	#68 2MASS Reds	2	
0052.2MJ2238210p503109	360	0:45	22:38:21.0	+50:31:09	300	59	3.0	#68 2MASS Reds	2	
0053.COMP	12	0:45	22:38:21.0	+50:31:09	300	90	3.0	#68 2MASS Reds	2	
0054.2MJ2237118p521436	360	0:45	22:37:11.8	+52:14:36	300	59	3.0	#68 2MASS Reds	2	3 components
0055.COMP	12	0:45	22:37:11.8	+52:14:36	300	90	3.0	#68 2MASS Reds	2	
0056.2MJ2241058p514216	360	0:45	22:41:05.8	+51:42:16	300	45	3.0	#68 2MASS Reds	2	
0057.COMP	12	0:45	22:41:05.8	+51:42:16	300	90	3.0	#68 2MASS Reds	2	
0058.2MJ2250183p515621	480	0:45	22:50:18.3	+51:56:21	300	90	3.0	#68 2MASS Reds	2	
0059.COMP	12	0:45	22:50:18.3	+51:56:21	300	90	3.0	#68 2MASS Reds	2	
0060.2MJ2249585p531707	480	0:45	22:49:58.5	+53:17:07	300	90	3.0	#68 2MASS Reds	2	
0061.COMP	12	0:45	22:49:58.5	+53:17:07	300	90	3.0	#68 2MASS Reds	2	
0062.2MJ2253409p500057	480	0:45	22:53:40.9	+50:00:57	300	90	3.0	#68 2MASS Reds	2	
0063.COMP	12	0:45	22:53:40.9	+50:00:57	300	90	3.0	#68 2MASS Reds	2	
0064.2MJ2251429p380953	480	0:45	22:51:42.9	+38:09:53	300	90	3.0	#68 2MASS Reds	2	
0065.COMP	12	0:45	22:51:42.9	+38:09:53	300	90	3.0	#68 2MASS Reds	2	
0066.2MJ2256434p385908	480	0:45	22:56:43.4	+38:59:08	300	90	3.0	#68 2MASS Reds	2	
0067.COMP	12	0:45	22:56:43.4	+38:59:08	300	90	3.0	#68 2MASS Reds	2	
0068.2MJ2252555p435228	420	0:45	22:52:55.5	+43:52:28	300	90	3.0	#68 2MASS Reds	2	
0069.COMP	12	0:45	22:52:55.5	+43:52:28	300	90	3.0	#68 2MASS Reds	2	
0070.2MJ0006468p082533	480	0:45	00:06:46.8	+08:25:33	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
0071.COMP	12	0:45	00:06:46.8	+08:25:33	300	90	3.0	#68 2MASS Reds	2	
0072.2MJ0027228p105052	420	0:45	00:27:22.8	+10:50:52	300	44	3.0	#68 2MASS Reds	2	
0073.COMP	12	0:45	00:27:22.8	+10:50:52	300	90	3.0	#68 2MASS Reds	2	
0074.2MJ0109182p023402	360	0:45	01:09:18.2	+02:34:02	300	90	3.0	#68 2MASS Reds	2	
0075.COMP	12	0:45	01:09:18.2	+02:34:02	300	90	3.0	#68 2MASS Reds	2	
0076.2MJ0127240p550352	600	0:45	01:27:24.0	+55:03:52	300	90	3.0	#68 2MASS Reds	2	
0077.COMP	12	0:45	01:27:24.0	+55:03:52	300	90	3.0	#68 2MASS Reds	2	
0078.2MJ0131138p554512	600	0:45	01:31:13.8	+55:45:12	300	90	3.0	#68 2MASS Reds	2	
0079.COMP	12	0:45	01:31:13.8	+55:45:12	300	90	3.0	#68 2MASS Reds	2	
0080.2MJ0131353p553402	600	0:45	01:31:35.3	+55:34:02	300	90	3.0	#68 2MASS Reds	2	
0081.COMP	12	0:45	01:31:35.3	+55:34:02	300	90	3.0	#68 2MASS Reds	2	
0082.2MJ0127576p514002	360	0:45	01:27:57.6	+51:40:02	300	90	3.0	#68 2MASS Reds	2	two gals in slit
0083.COMP	12	0:45	01:27:57.6	+51:40:02	300	90	3.0	#68 2MASS Reds	2	
0084.2MJ0142126p453608	420	0:45	01:42:12.6	+45:36:08	300	90	3.0	#68 2MASS Reds	2	
0085.COMP	12	0:45	01:42:12.6	+45:36:08	300	90	3.0	#68 2MASS Reds	2	
0086.2MJ0149510p483911	420	0:45	01:49:51.0	+48:39:11	300	90	3.0	#68 2MASS Reds	2	
0087.COMP	12	0:45	01:49:51.0	+48:39:11	300	90	3.0	#68 2MASS Reds	2	
0088.2MJ0146439p275734	360	0:45	01:46:43.9	+27:57:34	300	90	3.0	#68 2MASS Reds	2	
0089.COMP	12	0:45	01:46:43.9	+27:57:34	300	90	3.0	#68 2MASS Reds	2	
0090.2MJ0310487p192614	360	0:45	03:10:48.7	+19:26:14	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
0091.COMP	12	0:45	03:10:48.7	+19:26:14	300	90	3.0	#68 2MASS Reds	2	
0092.2MJ0311169p112948	420	0:45	03:11:16.9	+11:29:48	300	90	3.0	#68 2MASS Reds	2	
0093.COMP	12	0:45	03:11:16.9	+11:29:48	300	90	3.0	#68 2MASS Reds	2	
0094.2MJ0312069p155040	420	0:45	03:12:06.9	+15:50:40	300	90	3.0	#68 2MASS Reds	2	
0095.COMP	12	0:45	03:12:06.9	+15:50:40	300	90	3.0	#68 2MASS Reds	2	
0096.2MJ0312148p352207	360	0:45	03:12:14.8	+35:22:07	300	90	3.0	#68 2MASS Reds	2	
0097.COMP	12	0:45	03:12:14.8	+35:22:07	300	90	3.0	#68 2MASS Reds	2	
0098.2MJ0311077p351926	360	0:45	03:11:07.7	+35:19:26	300	90	3.0	#68 2MASS Reds	2	
0099.COMP	12	0:45	03:11:07.7	+35:19:26	300	90	3.0	#68 2MASS Reds	2	
0100.2MJ0310330p420002	360	0:45	03:10:33.0	+42:00:02	300	90	3.0	#68 2MASS Reds	2	row=75
0101.COMP	12	0:45	03:10:33.0	+42:00:02	300	90	3.0	#68 2MASS Reds	2	
0102.2MJ0311073p424102	360	0:45	03:11:07.3	+42:41:02	300	90	3.0	#68 2MASS Reds	2	
0103.COMP	12	0:45	03:11:07.3	+42:41:02	300	90	3.0	#68 2MASS Reds	2	
0104.2MJ0314160p422454	300	0:45	03:14:16.0	+42:24:54	300	90	3.0	#68 2MASS Reds	2	
0105.COMP	12	0:45	03:14:16.0	+42:24:54	300	90	3.0	#68 2MASS Reds	2	
0106.2MJ0313083p424652	360	0:45	03:13:08.3	+42:46:52	300	90	3.0	#68 2MASS Reds	2	
0107.COMP	12	0:45	03:13:08.3	+42:46:52	300	90	3.0	#68 2MASS Reds	2	
0108.2MJ0316473p471034	300	0:45	03:16:47.3	+47:10:34	300	90	3.0	#68 2MASS Reds	2	
0109.COMP	12	0:45	03:16:47.3	+47:10:34	300	90	3.0	#68 2MASS Reds	2	
0110.2MJ0316512p464734	480	0:45	03:16:51.2	+46:47:34	300	90	3.0	#68 2MASS Reds	2	

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0111.COMP	12	0:45	03:16:51.2	+46:47:34	300	90	3.0	#68 2MASS Reds	2	
0112.2MJ0317003p404341	420	0:45	03:17:00.3	+40:43:41	300	90	3.0	#68 2MASS Reds	2	
0113.COMP	12	0:45	03:17:00.3	+40:43:41	300	90	3.0	#68 2MASS Reds	2	
0114.2MJ0317055p401540	360	0:45	03:17:05.5	+40:15:40	300	90	3.0	#68 2MASS Reds	2	
0115.COMP	12	0:45	03:17:05.5	+40:15:40	300	90	3.0	#68 2MASS Reds	2	
0116.2MJ0420586p660905	420	0:45	04:20:58.6	+66:09:05	300	90	3.0	#68 2MASS Reds	2	
0117.COMP	12	0:45	04:20:58.6	+66:09:05	300	90	3.0	#68 2MASS Reds	2	
0118.2MJ0420586p660905	600	0:45	04:20:58.6	+66:09:05	300	90	3.0	#68 2MASS Reds	2	
0119.COMP	12	0:45	04:20:58.6	+66:09:05	300	90	3.0	#68 2MASS Reds	2	
0120.2MJ0420437p355035	420	0:45	04:20:43.7	+35:50:35	300	90	3.0	#68 2MASS Reds	2	
0121.COMP	12	0:45	04:20:43.7	+35:50:35	300	90	3.0	#68 2MASS Reds	2	
0122.2MJ0600000p604629	420	0:45	06:00:00.0	+60:46:29	300	90	3.0	#68 2MASS Reds	2	
0123.COMP	12	0:45	06:00:00.0	+60:46:29	300	90	3.0	#68 2MASS Reds	2	
0124.2MJ0559246p625941	360	0:45	05:59:24.6	+62:59:41	300	90	3.0	#68 2MASS Reds	2	
0125.COMP	12	0:45	05:59:24.6	+62:59:41	300	90	3.0	#68 2MASS Reds	2	
0126.2MJ0601194p662302	360	0:45	06:01:19.4	+66:23:02	300	90	3.0	#68 2MASS Reds	2	
0127.COMP	12	0:45	06:01:19.4	+66:23:02	300	90	3.0	#68 2MASS Reds	2	
0128.2MJ0605286p501441	360	0:45	06:05:28.6	+50:14:41	300	90	3.0	#68 2MASS Reds	2	
0129.COMP	12	0:45	06:05:28.6	+50:14:41	300	90	3.0	#68 2MASS Reds	2	
0130.2MJ0610156p533031	420	0:45	06:10:15.6	+53:30:31	300	90	3.0	#68 2MASS Reds	2	

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0131.COMP	12	0:45	06:10:15.6	+53:30:31	300	90	3.0	#68 2MASS Reds	2	
0132.2MJ0614078p510402	360	0:45	06:14:07.8	+51:04:02	300	90	3.0	#68 2MASS Reds	2	
0133.COMP	12	0:45	06:14:07.8	+51:04:02	300	90	3.0	#68 2MASS Reds	2	
0134.2MJ0614294p510650	360	0:45	06:14:29.4	+51:06:50	300	84	3.0	#68 2MASS Reds	2	two gals in slit
0135.COMP	12	0:45	06:14:29.4	+51:06:50	300	90	3.0	#68 2MASS Reds	2	
0136.2MJ0614366p513040	360	0:45	06:14:36.6	+51:30:40	300	90	3.0	#68 2MASS Reds	2	
0137.COMP	12	0:45	06:14:36.6	+51:30:40	300	90	3.0	#68 2MASS Reds	2	
0138.2MJ0615102p513818	360	0:45	06:15:10.2	+51:38:18	300	90	3.0	#68 2MASS Reds	2	
0139.COMP	12	0:45	06:15:10.2	+51:38:18	300	90	3.0	#68 2MASS Reds	2	
0140.2MJ0615334p515846	300	0:45	06:15:33.4	+51:58:46	300	90	3.0	#68 2MASS Reds	2	
0141.COMP	12	0:45	06:15:33.4	+51:58:46	300	90	3.0	#68 2MASS Reds	2	
0142.2MJ0615323p561445	360	0:45	06:15:32.3	+56:14:45	300	90	3.0	#68 2MASS Reds	2	
0143.COMP	12	0:45	06:15:32.3	+56:14:45	300	90	3.0	#68 2MASS Reds	2	
0144.2MJ0618559p512806	360	0:45	06:18:55.9	+51:28:06	300	90	3.0	#68 2MASS Reds	2	
0145.COMP	12	0:45	06:18:55.9	+51:28:06	300	90	3.0	#68 2MASS Reds	2	
0146.2MJ0620531p514458	360	0:45	06:20:53.1	+51:44:58	300	90	3.0	#68 2MASS Reds	2	
0147.COMP	12	0:45	06:20:53.1	+51:44:58	300	90	3.0	#68 2MASS Reds	2	
0148.2MJ0620260p533448	300	0:45	06:20:26.0	+53:34:48	300	90	3.0	#68 2MASS Reds	2	
0149.COMP	12	0:45	06:20:26.0	+53:34:48	300	90	3.0	#68 2MASS Reds	2	
0150.2MJ0622090p540807	360	0:45	06:22:09.0	+54:08:07	300	90	3.0	#68 2MASS Reds	2	

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0151.COMP	12	0:45	06:22:09.0	+54:08:07	300	90	3.0	#68 2MASS Reds	2	
0152.2MJ0620472p664252	300	0:45	06:20:47.2	+66:42:52	300	90	3.0	#68 2MASS Reds	2	
0153.COMP	12	0:45	06:20:47.2	+66:42:52	300	90	3.0	#68 2MASS Reds	2	
0154.2MJ0625420p511742	300	0:45	06:25:42.0	+51:17:42	300	90	3.0	#68 2MASS Reds	2	
0155.COMP	12	0:45	06:25:42.0	+51:17:42	300	90	3.0	#68 2MASS Reds	2	
0156.2MJ0630539p523030	300	0:45	06:30:53.9	+52:30:30	300	90	3.0	#68 2MASS Reds	2	
0157.COMP	12	0:45	06:30:53.9	+52:30:30	300	90	3.0	#68 2MASS Reds	2	
0158.2MJ0638348p512842	360	0:45	06:38:34.8	+51:28:42	300	90	3.0	#68 2MASS Reds	2	
0159.COMP	12	0:45	06:38:34.8	+51:28:42	300	90	3.0	#68 2MASS Reds	2	
0160.2MJ0815316p611604	360	0:45	08:15:31.6	+61:16:04	300	90	3.0	#68 2MASS Reds	2	
0161.COMP	12	0:45	08:15:31.6	+61:16:04	300	90	3.0	#68 2MASS Reds	2	
0162.2MJ0819378p594240	360	0:45	08:19:37.8	+59:42:40	300	90	3.0	#68 2MASS Reds	2	
0163.COMP	12	0:45	08:19:37.8	+59:42:40	300	90	3.0	#68 2MASS Reds	2	
0164.2MJ0821000p551630	420	0:45	08:21:00.0	+55:16:30	300	90	3.0	#68 2MASS Reds	2	
0165.COMP	12	0:45	08:21:00.0	+55:16:30	300	90	3.0	#68 2MASS Reds	2	
0166.2MJ0833419p412515	300	0:45	08:33:41.9	+41:25:15	300	90	3.0	#68 2MASS Reds	2	
0167.COMP	12	0:45	08:33:41.9	+41:25:15	300	90	3.0	#68 2MASS Reds	2	
0168.2MJ0832137p555155	180	0:45	08:32:13.7	+55:51:55	300	90	3.0	#68 2MASS Reds	2	
0169.COMP	12	0:45	08:32:13.7	+55:51:55	300	90	3.0	#68 2MASS Reds	2	
0170.2MJ0855060p490922	360	0:45	08:55:06.0	+49:09:22	300	56	3.0	#68 2MASS Reds	2	two gals in slit

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0171.COMP	12	0:45	08:55:06.0	+49:09:22	300	90	3.0	#68 2MASS Reds	2	
0172.2MJ0856345p662032	300	0:45	08:56:34.5	+66:20:32	300	90	3.0	#68 2MASS Reds	2	
0173.COMP	12	0:45	08:56:34.5	+66:20:32	300	90	3.0	#68 2MASS Reds	2	
0174.2MJ0830139p395319	360	0:45	08:30:13.9	+39:53:19	300	90	3.0	#68 2MASS Reds	2	
0175.COMP	12	0:45	08:30:13.9	+39:53:19	300	90	3.0	#68 2MASS Reds	2	
0176.sn2001fe	1200	0:45	09:37:57.1	+25:29:41	300	62	3.0	#2 SN Observat	2	
0177.COMP	12	0:45	09:37:57.1	+25:29:41	300	90	3.0	#2 SN Observat	2	
0178.PG0939p262	60	0:45	09:39:58.8	26:14:42	300	67	3.0	#56 Spectropho	2	
0179.COMP	12	0:45	09:39:58.8	26:14:42	300	90	3.0	#56 Spectropho	2	
0180.2MJ1304582p433308	420	0:45	13:04:58.2	+43:33:08	300	90	3.0	#68 2MASS Reds	2	
0181.COMP	12	0:45	13:04:58.2	+43:33:08	300	90	3.0	#68 2MASS Reds	2	
0182.2MJ1314547p344208	360	0:45	13:14:54.7	+34:42:08	300	90	3.0	#68 2MASS Reds	2	
0183.COMP	12	0:45	13:14:54.7	+34:42:08	300	90	3.0	#68 2MASS Reds	2	
0184.2MJ1328040p341957	420	0:45	13:28:04.0	+34:19:57	300	-4	3.0	#68 2MASS Reds	2	two gals in slit
0185.COMP	12	0:45	13:28:04.0	+34:19:57	300	90	3.0	#68 2MASS Reds	2	
0186.Feige34	30	0:45	10:36:41.2	43:21:50	300	90	3.0	#57 Velocity S	2	
0187.Feige34	30	0:45	10:36:41.2	43:21:50	300	90	3.0	#57 Velocity S	2	
0188.COMP	12	0:45	10:36:41.2	43:21:50	300	90	3.0	#57 Velocity S	2	
0189-0198.BIAS	0	13:18	10:36:41.2	43:21:50	300	90	3.0		2	
0199-0208.FLAT	12	13:24	10:36:41.2	43:21:50	300	90	3.0		2	

UT Date 2001-12-20 Observers Lucas MacriColl. 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>
0209-0213.DARK	900	14:26	10:36:41.2	43:21:50	300	90	3.0	#57 Velocity S	2	