



## WHIPPLE OBSERVATORY

## FAST SPECTROGRAPH LOG



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UT Date 2002-03-13 Observers E. Falco

Coll. Focus 960 Grating/Grism 600

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001-0010.BIAS	0	22:48	02:45:59.0	31:29:56	600	90	2.0	#88 MF	2	
0019.COMP	15	22:58	02:56:02.0	31:29:57	600	90	2.0	#88 MF	2	
0020.COMP	15	22:59	02:56:46.0	31:29:57	600	90	2.0	#88 MF	2	
0021.COMP	15	22:59	02:57:15.0	31:29:57	600	90	2.0	#88 MF	2	
0022.COMP	15	22:59	02:57:42.0	31:29:57	600	90	2.0	#88 MF	2	
0023.COMP	15	23:00	02:58:12.0	31:29:57	600	90	2.0	#88 MF	2	
0024-0030.FLAT	35	23:08	03:06:18.0	31:29:57	600	90	2.0	#88 MF	2	
0031-0032.FLAT	35	23:09	03:07:53.0	31:29:58	600	90	2.0	#88 MF	2	
0033.DARK	900	23:12	03:24:44.0	31:29:59	600	90	2.0	#88 MF	2	
0034.DARK	900	23:27	03:39:59.0	31:30:01	600	90	2.0	#88 MF	2	
0035.DARK	900	23:42	03:55:15.0	31:30:03	600	90	2.0	#88 MF	2	
0036.DARK	900	23:57	04:10:30.0	31:30:05	600	90	2.0	#88 MF	2	
0037.DARK	900	0:13	04:25:45.0	31:30:07	600	90	2.0	#88 MF	2	
0038.DARK	900	0:28	04:40:57.0	31:30:09	600	90	2.0	#88 MF	2	
0039.DARK	900	0:43	04:56:13.0	31:30:11	600	90	2.0	#88 MF	2	mostly clear again!
0040.test	5	1:28	02:46:03.0	26:54:08	0	5	5.0	#88 Mass Funct	2	
0041.test	1	1:29	02:46:03.0	26:54:08	0	1	1.0	#88 Mass FUnct	2	
0042-0048.SKY	1	1:32	02:46:02.0	26:54:08	0	1	1.3	#57 Velocity S	2	
0049-0050.SKY	2	1:33	02:46:02.0	26:54:08	0	2	1.5	#57 Velocity S	2	
0051.SKY	2	1:33	02:46:02.0	26:54:07	0	2	1.5	#57 Velocity S	2	



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Coll. Focus 960 Grating/Grism 600

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0052.SKY	2	1:33	02:46:02.0	26:54:08	0	2	1.7	#57 Velocity S	2	
0053.HZ14	300	2:16	04:38:15.6	10:53:57	600	90	2.0	#56 Spectropho	2	log DOES NOT show correct PA
0054.COMP	15	2:21	04:38:15.6	10:53:57	600	90	2.0	#56 Spectropho	2	
0055.Hiltner600	120	2:25	06:42:37.2	02:11:25	600	90	2.0	#56 Spectropho	2	
0056.COMP	15	2:28	06:42:37.2	02:11:25	600	90	2.0	#56 Spectropho	2	
0057.HD27348	1000	2:53	04:20:24.6	34:34:00	600	90	2.0	#57 Radial Vel	2	forgot COMP...
0058.HD48433	1000	3:02	06:43:59.3	13:13:40	600	90	2.0	#57 Radial Vel	2	
0059.HD25604	1000	3:06	04:04:41.7	22:04:54	600	90	2.0	#57 Radial Vel	2	forgot COMP...
0060.HD34559	1000	3:11	05:19:16.6	22:05:47	600	90	2.0	#57 Radial Vel	2	
0061.COMP	15	3:13	05:19:16.6	22:05:47	600	90	2.0	#57 Radial Vel	2	
0062.HD25604	1000	3:15	04:04:41.7	22:04:54	600	90	2.0	#57 Radial Vel	2	
0063.COMP	15	3:17	04:04:41.7	22:04:54	600	90	2.0	#57 Radial Vel	2	
0064.HD48433	1000	3:20	06:43:59.3	13:13:40	600	90	2.0	#57 Radial Vel	2	
0065.COMP	15	3:21	06:43:59.3	13:13:40	600	90	2.0	#57 Radial Vel	2	
0066.HD34559	1000	3:24	05:19:16.6	22:05:47	600	90	2.0	#57 Radial Vel	2	
0067.M81	180	3:36	09:51:27.3	69:18:08	600	90	2.0	#88f Mass Func	2	
0068.M81	180	3:39	09:51:27.3	69:18:08	600	90	2.0	#88f Mass Func	2	
0069.COMP	15	3:43	09:51:27.3	69:18:08	600	90	2.0	#88f Mass Func	2	
0070.COMP	15	3:46	10:01:09.8	+22:24:6	600	90	2.0	#88 Mass Funct	2	
0071.MF4036	450	3:48	10:01:09.8	+22:24:6	600	90	2.0	#88 Mass Funct	2	



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Coll. Focus 960 Grating/Grism 600

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0072.MF4036	450	3:57	10:01:09.8	+22:24:6	600	90	2.0	#88 Mass Funct	2	
0073.COMP	15	4:05	10:01:09.8	+22:24:6	600	90	2.0	#88 Mass Funct	2	
0074.COMP	15	4:09	10:29:28.3	+20:59:29	600	90	2.0	#88 Mass Funct	2	
0075.MF7095	900	4:11	10:29:28.3	+20:59:29	600	90	2.0	#88 Mass Funct	2	
0076.MF7095	900	4:27	10:29:28.3	+20:59:29	600	90	2.0	#88 Mass Funct	2	
0077.MF7095	900	4:43	10:29:28.3	+20:59:29	600	90	2.0	#88 Mass Funct	2	
0078.COMP	15	4:58	10:29:28.3	+20:59:29	600	90	2.0	#88 Mass Funct	2	
0079.COMP	15	5:06	12:24:11.3	+58:21:38	600	90	2.0	#88 Mass Funct	2	
0080.MF7105	600	5:06	12:24:11.3	+58:21:38	600	90	2.0	#88 Mass Funct	2	
0081.MF7105	600	5:17	12:24:11.3	+58:21:38	600	90	2.0	#88 Mass Funct	2	
0082.MF7105	600	5:28	12:24:11.3	+58:21:38	600	90	2.0	#88 Mass Funct	2	
0083.COMP	15	5:39	12:24:11.3	+58:21:38	600	90	2.0	#88 Mass Funct	2	
0084.COMP	15	5:43	12:26:19.8	+26:50:18	600	90	2.0	#88 Mass Funct	2	
0085.MF7130	900	5:44	12:26:19.8	+26:50:18	600	90	2.0	#88 Mass Funct	2	
0086.MF7130	900	6:00	12:26:19.8	+26:50:18	600	90	2.0	#88 Mass Funct	2	
0087.MF7130	900	6:16	12:26:19.8	+26:50:18	600	90	2.0	#88 Mass Funct	2	
0088.COMP	15	6:33	12:26:19.8	+26:50:18	600	90	2.0	#88 Mass Funct	2	
0089.EG81	180	7:48	11:34:51.3	14:26:58	600	90	2.0	#56 Spectropho	2	
0090.COMP	15	7:52	11:34:51.3	14:26:58	600	90	2.0	#56 Spectropho	2	
0091.HD134335	1000	7:56	15:08:35.6	25:06:31	600	90	2.0	#57 Radial Vel	2	



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Coll. Focus 960 Grating/Grism 600

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0092.COMP	15	7:58	15:08:35.6	25:06:31	600	90	2.0	#57 Radial Vel	2	
0093.HD114093	1000	8:01	13:08:02.4	24:49:52	600	90	2.0	#57 Radial Vel	2	
0094.COMP	15	8:03	13:08:02.4	24:49:52	600	90	2.0	#57 Radial Vel	2	
0095.NGC4168	180	8:05	12:09:43.5	13:29:05	600	90	2.0	#88f Mass Func	2	
0096.NGC4168	180	8:09	12:09:43.5	13:29:05	600	90	2.0	#88f Mass Func	2	
0097.COMP	15	8:12	12:09:43.5	13:29:05	600	90	2.0	#88f Mass Func	2	
0098.COMP	15	8:22	13:24:20.1	+32:50:53	600	90	2.0	#88 Mass Funct	2	
0099.MF7023	600	8:24	13:24:20.1	+32:50:53	600	90	2.0	#88 Mass Funct	2	
0100.MF7023	600	8:35	13:24:20.1	+32:50:53	600	90	2.0	#88 Mass Funct	2	
0101.MF7023	600	8:46	13:24:20.1	+32:50:53	600	90	2.0	#88 Mass Funct	2	
0102.COMP	15	8:57	13:24:20.1	+32:50:53	600	90	2.0	#88 Mass Funct	2	
0103.COMP	15	9:00	13:27:27.4	+08:42:47	600	90	2.0	#88 Mass Funct	2	
0104.MF7047	900	9:02	13:27:27.4	+08:42:47	600	90	2.0	#88 Mass Funct	2	
0105.MF7047	900	9:20	13:27:27.4	+08:42:47	600	90	2.0	#88 Mass Funct	2	
0106.MF7047	900	9:36	13:27:27.4	+08:42:47	600	90	2.0	#88 Mass Funct	2	
0107.COMP	15	9:51	13:27:27.4	+08:42:47	600	90	2.0	#88 Mass Funct	2	
0108.COMP	15	9:56	14:03:31.2	+09:13:15	600	90	2.0	#88 Mass Funct	2	
0109.MF7110	600	9:58	14:03:31.2	+09:13:15	600	90	2.0	#88 Mass Funct	2	
0110.MF7110	600	10:10	14:03:31.2	+09:13:15	600	90	2.0	#88 Mass Funct	2	
0111.MF7110	600	10:21	14:03:31.2	+09:13:15	600	90	2.0	#88 Mass Funct	2	



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UT Date 2002-03-13 Observers E. Falco

Coll. Focus 960 Grating/Grism 600

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0112.COMP	15	10:32	14:03:31.2	+09:13:15	600	90	2.0	#88 Mass Funct	2	
0113.COMP	15	10:42	14:44:14.7	+04:13:7	600	90	2.0	#88 Mass Funct	2	
0114.MF7116	450	10:43	14:44:14.7	+04:13:7	600	90	2.0	#88 Mass Funct	2	STAR?
0115.MF7116	120	11:01	14:44:14.7	+04:13:7	600	90	2.0	#88 Mass Funct	2	STAR?
0116.COMP	15	11:04	14:44:14.7	+04:13:7	600	90	2.0	#88 Mass Funct	2	
0117.COMP	15	11:14	13:03:14.6	+07:48:4	600	90	2.0	#88 Mass Funct	2	
0118.MF7096	450	11:16	13:03:14.6	+07:48:4	600	90	2.0	#88 Mass Funct	2	
0119.MF7096	450	11:24	13:03:14.6	+07:48:4	600	90	2.0	#88 Mass Funct	2	
0120.COMP	15	11:33	13:03:14.6	+07:48:4	600	90	2.0	#88 Mass Funct	2	
0121.COMP	15	11:39	12:53:14.5	+04:27:48	600	90	2.0	#88 Mass Funct	2	
0122.MF7079	600	11:41	12:53:14.5	+04:27:48	600	90	2.0	#88 Mass Funct	2	
0123.MF7079	600	11:52	12:53:14.5	+04:27:48	600	90	2.0	#88 Mass Funct	2	
0124.MF7079	600	12:03	12:53:14.5	+04:27:48	600	90	2.0	#88 Mass Funct	2	
0125.COMP	15	12:14	12:53:14.5	+04:27:48	600	90	2.0	#88 Mass Funct	2	
0126.Feige98	180	12:17	14:36:04.1	27:42:28	600	90	2.0	#56 Spectropho	2	
0127.COMP	15	12:20	14:36:04.1	27:42:28	600	90	2.0	#56 Spectropho	2	
0128.HD147677	1000	12:24	16:22:05.8	30:53:31	600	90	2.0	#57 Radial Vel	2	
0129.COMP	15	12:27	16:22:05.8	30:53:31	600	90	2.0	#57 Radial Vel	2	
0130.HD147025	1000	12:28	16:18:23.7	25:53:48	600	90	2.0	#57 Radial Vel	2	
0131.COMP	15	12:30	16:18:23.7	25:53:48	600	90	2.0	#57 Radial Vel	2	



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UT Date 2002-03-13 Observers E. FalcoColl. Focus 960 Grating/Grism 600

<i>File</i>	<i>Exp Time</i>	<i>UT Start</i>	<i>RA</i>	<i>Dec</i>	<i>Gr.</i>	<i>P.A.</i>	<i>Slit</i>	<i>Program</i>	<i>Bir</i>	<i>Comments</i>
0132.NGC5846	180	12:35	15:03:56.9	01:47:53	600	90	2.0	#88f Mass Func	2	
0133.NGC5846	180	12:38	15:03:56.9	01:47:53	600	90	2.0	#88f Mass Func	2	
0134.COMP	15	12:43	15:03:56.9	01:47:53	600	90	2.0	#88f Mass Func	2	