



WHIPPLE OBSERVATORY

FAST SPECTROGRAPH LOG



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UT Date 2001-09-11 Observers P Berlind

Coll. Focus 980 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001.BIAS	0	6:28	22:25:52.6	31:29:54	300	90	3.0	#68 2MASS Reds	4	***start of FAST run***
0002-0010.BIAS	0	6:30	22:27:18.6	31:29:54	300	90	3.0	#68 2MASS Reds	4	
0011.FLAT	8	6:30	22:27:56.6	31:29:54	300	90	3.0	#68 2MASS Reds	4	big problems with ccd reading out
0012-0020.FLAT	8	6:33	22:30:20.6	31:29:54	300	90	3.0	#68 2MASS Reds	4	
0021.BIAS	0	6:33	22:30:59.6	31:29:54	300	90	3.0	#68 2MASS Reds	2	working ok now with old cpu
0022-0030.BIAS	0	6:35	22:33:09.6	31:29:54	300	90	3.0	#68 2MASS Reds	2	
0031.FLAT	16	6:35	22:34:14.6	31:29:55	300	90	3.0	#68 2MASS Reds	2	clearing.
0032-0040.FLAT	16	6:41	22:38:43.5	31:29:55	300	90	3.0	#68 2MASS Reds	2	
0041.N7331	120	6:41	22:34:46.9	+34:09:43	300	90	3.0	#57 Velocity S	4	
0042.COMP	5	6:41	22:34:46.9	+34:09:43	300	90	3.0	#57 Velocity S	4	
0043.BDp284211	45	6:41	21:48:57.1	28:37:48	300	77	3.0	#56 Spectropho	2	Hi Susan!!
0044.BDp284211	45	6:41	21:48:57.1	28:37:48	300	77	3.0	#56 Spectropho	2	
0045.COMP	10	6:41	21:48:57.1	28:37:48	300	77	3.0	#56 Spectropho	2	
0046.N7469	120	6:41	23:03:15.7	+08:52:27	300	0	3.0	#6 AGN Monitor	4	
0047.N7469	120	6:41	23:03:15.7	+08:52:27	300	0	3.0	#6 AGN Monitor	4	
0048.COMP	5	6:41	23:03:15.7	+08:52:27	300	0	3.0	#6 AGN Monitor	4	
0049.Feige110	150	6:41	23:17:23.5	-05:26:22	300	0	3.0	#56 Spectropho	2	
0050.COMP	10	6:41	23:17:23.5	-05:26:22	300	0	3.0	#56 Spectropho	2	
0051.Akn564	180	6:41	22:42:39.4	+29:43:31	300	77	3.0	#6 AGN Monitor	4	
0052.Akn564	180	6:41	22:42:39.4	+29:43:31	300	77	3.0	#6 AGN Monitor	4	



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0053.COMP	5	6:41	22:42:39.4	+29:43:31	300	77	3.0	#6 AGN Monitor	4	
0054.2M204854.3m082708	420	6:41	20:48:54.3	-08:27:08	300	90	3.0	#68 2MASS Reds	4	
0055.COMP	5	6:41	20:48:54.3	-08:27:08	300	90	3.0	#68 2MASS Reds	4	BAD COMP
0056.2M211917.4m043351	240	6:41	21:19:17.4	-04:33:51	300	90	3.0	#68 2MASS Reds	4	
0057.COMP	5	6:41	21:19:17.4	-04:33:51	300	90	3.0	#68 2MASS Reds	4	BAD COMP
0058.2M211936.4p004215	240	6:41	21:19:36.4	+00:42:15	300	90	3.0	#68 2MASS Reds	4	
0059.COMP	5	6:41	21:19:36.4	+00:42:15	300	90	3.0	#68 2MASS Reds	4	
0060.2M212803.6p020238	180	6:41	21:28:03.6	+02:02:38	300	90	3.0	#68 2MASS Reds	4	
0061.COMP	5	6:41	21:28:03.6	+02:02:38	300	90	3.0	#68 2MASS Reds	4	
0062.2M212908.4p024759	480	6:41	21:29:08.4	+02:47:59	300	90	3.0	#68 2MASS Reds	4	
0063.COMP	5	6:41	21:29:08.4	+02:47:59	300	90	3.0	#68 2MASS Reds	4	
0064.2M213225.0p083242	210	6:41	21:32:25.0	+08:32:42	300	90	3.0	#68 2MASS Reds	4	
0065.COMP	5	6:41	21:32:25.0	+08:32:42	300	90	3.0	#68 2MASS Reds	4	
0066.2M215623.6p012150	360	6:41	21:56:23.6	+01:21:50	300	90	3.0	#68 2MASS Reds	4	
0067.COMP	5	6:41	21:56:23.6	+01:21:50	300	90	3.0	#68 2MASS Reds	4	
0068.2M222944.8p075918	240	6:41	22:29:44.8	+07:59:18	300	90	3.0	#68 2MASS Reds	4	
0069.COMP	5	6:41	22:29:44.8	+07:59:18	300	90	3.0	#68 2MASS Reds	4	BAD COMP
0070.2M223453.6p021117	360	6:41	22:34:53.6	+02:11:17	300	90	3.0	#68 2MASS Reds	4	
0071.COMP	5	6:41	22:34:53.6	+02:11:17	300	90	3.0	#68 2MASS Reds	4	BAD COMP
0072.COMP	5	6:41	22:34:53.6	+02:11:17	300	90	3.0	#68 2MASS Reds	4	BAD COMP



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0073.COMP	5	6:41	22:34:53.6	+02:11:17	300	90	3.0	#68 2MASS Reds	4	ok a good one.
0074.2M224612.4p103325	300	6:41	22:46:12.4	+10:33:25	300	90	3.0	#68 2MASS Reds	4	
0075.COMP	5	6:41	22:46:12.4	+10:33:25	300	90	3.0	#68 2MASS Reds	4	
0076.2M232928.8p103158	300	6:41	23:29:28.8	+10:31:58	300	90	3.0	#68 2MASS Reds	4	
0077.COMP	5	6:41	23:29:28.8	+10:31:58	300	90	3.0	#68 2MASS Reds	4	
0078.2M234430.4p091550	300	6:41	23:44:30.4	+09:15:50	300	90	3.0	#68 2MASS Reds	4	
0079.COMP	5	6:41	23:44:30.4	+09:15:50	300	90	3.0	#68 2MASS Reds	4	
0080.2M235858.3m052035	330	6:41	23:58:58.3	-05:20:35	300	90	3.0	#68 2MASS Reds	4	
0081.COMP	5	6:41	23:58:58.3	-05:20:35	300	90	3.0	#68 2MASS Reds	4	
0082.ZAnd	1	6:41	23:33:40	48:49:06	300	90	3.0	#12 Symbiotic	4	
0083.ZAnd	2	6:41	23:33:40	48:49:06	300	90	3.0	#12 Symbiotic	4	
0084.ZAnd	10	6:41	23:33:40	48:49:06	300	90	3.0	#12 Symbiotic	4	
0085.ZAnd	45	6:41	23:33:40	48:49:06	300	90	3.0	#12 Symbiotic	4	
0086.COMP	5	6:41	23:33:40	48:49:06	300	90	3.0	#12 Symbiotic	4	
0087.MRK335	120	6:41	00:06:19.6	+20:12:11	300	45	3.0	#6 AGN Monitor	4	
0088.MRK335	120	6:41	00:06:19.6	+20:12:11	300	45	3.0	#6 AGN Monitor	4	
0089.COMP	5	6:41	00:06:19.6	+20:12:11	300	45	3.0	#6 AGN Monitor	4	
0090.2M000237.9p163837	180	6:41	00:02:37.9	+16:38:37	300	90	3.0	#68 2MASS Reds	4	
0091.COMP	5	6:41	00:02:37.9	+16:38:37	300	90	3.0	#68 2MASS Reds	4	
0092.2M000653.8p082102	300	6:41	00:06:53.8	+08:21:02	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
0093.COMP	5	6:41	00:06:53.8	+08:21:02	300	90	3.0	#68 2MASS Reds	4	
0094.2M001639.7p013638	240	6:41	00:16:39.7	+01:36:38	300	90	3.0	#68 2MASS Reds	4	
0095.COMP	5	6:41	00:16:39.7	+01:36:38	300	90	3.0	#68 2MASS Reds	4	
0096.2M002024.9p101522	300	6:41	00:20:24.9	+10:15:22	300	90	3.0	#68 2MASS Reds	4	
0097.COMP	5	6:41	00:20:24.9	+10:15:22	300	90	3.0	#68 2MASS Reds	4	
0098.2M003955.0p065054	300	6:41	00:39:56.0	+06:50:54	300	90	3.0	#68 2MASS Reds	4	
0099.COMP	5	6:41	00:39:56.0	+06:50:54	300	90	3.0	#68 2MASS Reds	4	
0100.2M010523.3m064905	300	6:41	01:05:23.3	-06:49:05	300	90	3.0	#68 2MASS Reds	4	
0101.COMP	5	6:41	01:05:23.3	-06:49:05	300	90	3.0	#68 2MASS Reds	4	
0102.2M010858.0p214450	300	6:41	01:08:59.0	+21:44:50	300	90	3.0	#68 2MASS Reds	4	
0103.COMP	5	6:41	01:08:59.0	+21:44:50	300	90	3.0	#68 2MASS Reds	4	
0104.2M011315.7p153059	300	6:41	01:13:15.7	+15:30:59	300	90	3.0	#68 2MASS Reds	4	
0105.COMP	5	6:41	01:13:15.7	+15:30:59	300	90	3.0	#68 2MASS Reds	4	
0106.sn2001ed	1200	6:41	01:51:51.0	+06:17:27	300	12	3.0	#2 SN Observat	2	
0107.COMP	10	6:41	01:51:51.0	+06:17:27	300	12	3.0	#2 SN Observat	2	
0108.sn2001ec	1200	6:41	02:12:00.4	+31:32:43	300	45	3.0	#2 SN Observat	2	
0109.COMP	10	6:41	02:12:00.4	+31:32:43	300	45	3.0	#2 SN Observat	2	
0110.M32	30	6:41	00:39:58	+40:35:30	300	90	3.0	#57 Velocity S	4	
0111.M32	30	6:41	00:39:58	+40:35:30	300	90	3.0	#57 Velocity S	4	
0112.COMP	5	6:41	00:39:58	+40:35:30	300	90	3.0	#57 Velocity S	4	



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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0113.158m213	300	6:41	00:40:30.2	+40:50:55	300	90	3.0	#57 Velocity S	4	
0114.COMP	5	6:41	00:40:30.2	+40:50:55	300	90	3.0	#57 Velocity S	4	
0115.2M000313.3p535215	240	6:41	00:03:13.3	+53:52:15	300	90	3.0	#68 2MASS Reds	4	
0116.COMP	5	6:41	00:03:13.3	+53:52:15	300	90	3.0	#68 2MASS Reds	4	
0117.2M001038.9p532504	240	6:41	00:10:38.9	+53:25:04	300	90	3.0	#68 2MASS Reds	4	
0118.COMP	5	6:41	00:10:38.9	+53:25:04	300	90	3.0	#68 2MASS Reds	4	
0119.2M002320.8p540542	330	6:41	00:23:20.8	+54:05:42	300	90	3.0	#68 2MASS Reds	4	
0120.COMP	5	6:41	00:23:20.8	+54:05:42	300	90	3.0	#68 2MASS Reds	4	
0121.sn2001eb	1200	6:41	04:30:45.1	+00:52:17	300	-15	3.0	#2 SN Observat	2	
0122.COMP	10	6:41	04:30:45.1	+00:52:17	300	-15	3.0	#2 SN Observat	2	
0123.sn2001x2	600	6:41	04:44:28.5	+75:38:30	300	15	3.0	#2 SN Observat	2	clear @ dawn
0124.COMP	10	6:41	04:44:28.5	+75:38:30	300	15	3.0	#2 SN Observat	2	
0125.HD12623	4	6:41	02:02:19	+62:56:04	300	90	3.0	#57 Velocity S	4	
0126.HD12623	4	6:41	02:02:19	+62:56:04	300	90	3.0	#57 Velocity S	4	
0127.HD12623	4	6:41	02:02:19	+62:56:04	300	90	3.0	#57 Velocity S	4	
0128.COMP	5	6:41	02:02:19	+62:56:04	300	90	3.0	#57 Velocity S	4	
0129-0138.BIAS	0	12:21	02:02:19	+62:56:04	300	90	3.0	#57 Velocity S	4	
0139-0148.FLAT	8	12:24	02:02:19	+62:56:04	300	90	3.0	#57 Velocity S	4	
0149-0158.BIAS	0	12:27	02:02:19	+62:56:04	300	90	3.0	#57 Velocity S	2	
0159-0168.FLAT	16	12:33	02:02:19	+62:56:04	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>Bir</i>	<i>Comments</i>
0169-0178.DARK	900	15:06	02:02:19	+62:56:04	300	90	3.0	#57 Velocity S	4	