



WHIPPLE OBSERVATORY

FAST SPECTROGRAPH LOG



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Coll. Focus 1000 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001-0007.BIAS	0	1:51	09:07:03.5	+31:30:57	300	90	3.0	#56 Spectropho	4	
0008-0010.BIAS	0	1:51	09:07:25.1	+31:30:58	300	90	3.0	#56 Spectropho	4	
0011-0017.FLAT	8	1:53	09:09:48.3	+31:30:58	300	90	3.0	#56 Spectropho	4	
0018-0020.FLAT	8	1:54	09:10:48.9	+31:30:59	300	90	3.0	#56 Spectropho	4	
0021-0030.BIAS	0	1:57	09:12:59.4	+31:30:59	300	90	3.0	#56 Spectropho	2	
0031-0035.FLAT	16	1:59	09:15:39.8	+31:31:00	300	90	3.0	#56 Spectropho	2	
0036-0041.FLAT	16	2:02	09:18:41.9	+31:31:01	300	90	3.0	#56 Spectropho	2	
0042-0047.FLAT	16	2:05	09:21:43.8	+31:31:02	300	90	3.0	#56 Spectropho	2	
0048-0051.FLAT	16	2:07	09:23:45.2	+31:31:03	300	90	3.0	#56 Spectropho	2	
0052.sky	3	2:19	9:31:00	32:00:00	300	90	3.0	#57 Velocity S	4	thin clouds
0053-0056.sky	3	2:20	9:31:00	32:00:00	300	90	3.0	#57 Velocity S	4	
0057.COMP	5	2:20	9:31:00	32:00:00	300	90	3.0	#57 Velocity S	4	
0058.HD52071	5	2:51	06:57:51	+27:13:42	300	90	3.0	#57 Velocity S	4	
0059.HD52071	5	2:51	06:57:51	+27:13:42	300	90	3.0	#57 Velocity S	4	
0060.HD52071	5	2:51	06:57:51	+27:13:42	300	90	3.0	#57 Velocity S	4	
0061.COMP	5	2:52	06:57:51	+27:13:42	300	90	3.0	#57 Velocity S	4	
0062.N3377	150	2:54	10:45:02.6	+14:14:51	300	90	3.0	#57 Velocity S	4	
0063.COMP	5	2:57	10:45:02.6	+14:14:51	300	90	3.0	#57 Velocity S	4	
0064.HD84937	10	2:59	09:48:54.8	13:45:13	300	18	3.0	#56 Spectropho	2	
0065.HD84937	10	2:59	09:48:54.8	13:45:13	300	18	3.0	#56 Spectropho	2	



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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0066.HD84937	10	3:00	09:48:54.8	13:45:13	300	18	3.0	#56 Spectropho	2	
0067.COMP	10	3:00	09:48:54.8	13:45:13	300	18	3.0	#56 Spectropho	2	
0068.N3227	150	3:02	10:23:30.6	+19:51:54	300	0	3.0	#6 AGN Monitor	2	
0069.N3227	150	3:04	10:23:30.6	+19:51:54	300	0	3.0	#6 AGN Monitor	2	
0070.COMP	10	3:07	10:23:30.6	+19:51:54	300	0	3.0	#6 AGN Monitor	2	
0071.2M07494829-0339444	270	3:08	07:49:48.2	-03:39:44	300	0	3.0	#141 Mapping t	4	
0072.COMP	5	3:13	07:49:48.2	-03:39:44	300	0	3.0	#141 Mapping t	4	
0073.Feige34	120	3:20	10:39:36.8	43:06:10	300	0	3.0	#56 Spectropho	2	
0074.Feige34	120	3:22	10:39:36.8	43:06:10	300	0	3.0	#56 Spectropho	2	
0075.COMP	10	3:25	10:39:36.8	43:06:10	300	0	3.0	#56 Spectropho	2	
0076.sn2005bf	1500	3:27	10:23:57.2	-03:11:28	300	12	3.0	#2 SN Observat	2	
0077.COMP	10	3:53	10:23:57.2	-03:11:28	300	12	3.0	#2 SN Observat	2	
0078.2M07310447+2128319	360	3:56	07:31:4.4	+21:28:31	300	90	3.0	#141 Mapping t	4	
0079.COMP	5	4:02	07:31:4.4	+21:28:31	300	90	3.0	#141 Mapping t	4	
0080.2M07390433+1804252	330	4:03	07:39:4.3	+18:04:25	300	90	3.0	#141 Mapping t	4	
0081.COMP	5	4:09	07:39:4.3	+18:04:25	300	90	3.0	#141 Mapping t	4	
0082.2M07485747+1734378	270	4:10	07:48:57.4	+17:34:37	300	90	3.0	#141 Mapping t	4	
0083.COMP	5	4:15	07:48:57.4	+17:34:37	300	90	3.0	#141 Mapping t	4	
0084.2M07461727+2753418	420	4:16	07:46:17.2	+27:53:41	300	90	3.0	#141 Mapping t	4	
0085.COMP	5	4:23	07:46:17.2	+27:53:41	300	90	3.0	#141 Mapping t	4	



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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0086.2M07190260+4109163	270	4:24	07:19:2.6	+41:09:16	300	90	3.0	#141 Mapping t	4	
0087.COMP	5	4:28	07:19:2.6	+41:09:16	300	90	3.0	#141 Mapping t	4	
0088.2M07192229+6018386	330	4:29	07:19:22.2	+60:18:38	300	90	3.0	#141 Mapping t	4	
0089.COMP	5	4:35	07:19:22.2	+60:18:38	300	90	3.0	#141 Mapping t	4	
0090.2M07304986+6354356	360	4:36	07:30:49.8	+63:54:35	300	90	3.0	#141 Mapping t	4	
0091.COMP	5	4:42	07:30:49.8	+63:54:35	300	90	3.0	#141 Mapping t	4	
0092.2M07344737+4859414	390	4:43	07:34:47.3	+48:59:41	300	90	3.0	#141 Mapping t	4	
0093.COMP	5	4:49	07:34:47.3	+48:59:41	300	90	3.0	#141 Mapping t	4	
0094.2M07354574+5142469	420	4:50	07:35:45.7	+51:42:46	300	90	3.0	#141 Mapping t	4	
0095.COMP	5	4:57	07:35:45.7	+51:42:46	300	90	3.0	#141 Mapping t	4	
0096.2M07372574+5046176	480	4:58	07:37:25.7	+50:46:17	300	90	3.0	#141 Mapping t	4	
0097.COMP	5	5:06	07:37:25.7	+50:46:17	300	90	3.0	#141 Mapping t	4	
0098.2M07383133+5924564	300	5:07	07:38:31.3	+59:24:56	300	90	3.0	#141 Mapping t	4	
0099.COMP	5	5:12	07:38:31.3	+59:24:56	300	90	3.0	#141 Mapping t	4	
0100.2M07425653+6010070	480	5:13	07:42:56.5	+60:10:7	300	90	3.0	#141 Mapping t	4	
0101.COMP	5	5:21	07:42:56.5	+60:10:7	300	90	3.0	#141 Mapping t	4	
0102.2M07423160+5238190	480	5:22	07:42:31.6	+52:38:19	300	90	3.0	#141 Mapping t	4	
0103.COMP	5	5:30	07:42:31.6	+52:38:19	300	90	3.0	#141 Mapping t	4	
0104.2M07492075+5221029	480	5:31	07:49:20.7	+52:21:2	300	90	3.0	#141 Mapping t	4	
0105.COMP	5	5:40	07:49:20.7	+52:21:2	300	90	3.0	#141 Mapping t	4	



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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0106.2M07544572+5532481	420	5:40	07:54:45.7	+55:32:48	300	90	3.0	#141 Mapping t	4	
0107.COMP	5	5:47	07:54:45.7	+55:32:48	300	90	3.0	#141 Mapping t	4	
0108.2M07555134+5642381	420	5:48	07:55:51.3	+56:42:38	300	90	3.0	#141 Mapping t	4	
0109.COMP	5	5:55	07:55:51.3	+56:42:38	300	90	3.0	#141 Mapping t	4	
0110.2M08311919+3626166	420	5:56	08:31:19.1	+36:26:16	300	90	3.0	#141 Mapping t	4	
0111.COMP	5	6:04	08:31:19.1	+36:26:16	300	90	3.0	#141 Mapping t	4	
0112.2M08365849+5538443	480	6:04	08:36:58.4	+55:38:44	300	90	3.0	#141 Mapping t	4	
0113.COMP	5	6:13	08:36:58.4	+55:38:44	300	90	3.0	#141 Mapping t	4	
0114.2M08503288+6629148	540	6:13	08:50:32.8	+66:29:14	300	90	3.0	#141 Mapping t	4	
0115.COMP	5	6:23	08:50:32.8	+66:29:14	300	90	3.0	#141 Mapping t	4	
0116.2M08445953+4829004	390	6:24	08:44:59.5	+48:29:0	300	90	3.0	#141 Mapping t	4	
0117.COMP	5	6:30	08:44:59.5	+48:29:0	300	90	3.0	#141 Mapping t	4	
0118.2M08593885+4541124	360	6:31	08:59:38.8	+45:41:12	300	90	3.0	#141 Mapping t	4	
0119.COMP	5	6:38	08:59:38.8	+45:41:12	300	90	3.0	#141 Mapping t	4	
0120.2M09150664+7407318	330	6:39	09:15:6.6	+74:07:31	300	90	3.0	#141 Mapping t	4	
0121.COMP	5	6:45	09:15:6.6	+74:07:31	300	90	3.0	#141 Mapping t	4	
0122.2M09161996+6952568	600	6:45	09:16:19.9	+69:52:56	300	90	3.0	#141 Mapping t	4	
0123.COMP	5	6:56	09:16:19.9	+69:52:56	300	90	3.0	#141 Mapping t	4	
0124.sn2005az	1200	6:58	13:05:46.9	+27:44:08	300	75	3.0	#2 SN Observat	2	
0125.COMP	10	7:19	13:05:46.9	+27:44:08	300	75	3.0	#2 SN Observat	2	



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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0126.sn2005bvhostandsn	1500	7:24	14:24:07.4	+26:17:50	300	-45	3.0	#2 SN Observat	2	
0127.COMP	10	7:49	14:24:07.4	+26:17:50	300	-45	3.0	#2 SN Observat	2	
0128.2M10251867+7010223	270	7:53	10:25:18.6	+70:10:22	300	90	3.0	#141 Mapping t	4	
0129.COMP	5	7:57	10:25:18.6	+70:10:22	300	90	3.0	#141 Mapping t	4	
0130.2M10273358+6657234	240	7:58	10:27:33.5	+66:57:23	300	90	3.0	#141 Mapping t	4	
0131.COMP	5	8:02	10:27:33.5	+66:57:23	300	90	3.0	#141 Mapping t	4	
0132.2M10294146+6850482	480	8:03	10:29:41.4	+68:50:48	300	90	3.0	#141 Mapping t	4	
0133.COMP	5	8:11	10:29:41.4	+68:50:48	300	90	3.0	#141 Mapping t	4	
0134.2M10400907+7223135	240	8:12	10:40:9.0	+72:23:13	300	90	3.0	#141 Mapping t	4	
0135.COMP	5	8:16	10:40:9.0	+72:23:13	300	90	3.0	#141 Mapping t	4	
0136.2M10420036+7708115	240	8:17	10:42:0.3	+77:08:11	300	90	3.0	#141 Mapping t	4	
0137.COMP	5	8:21	10:42:0.3	+77:08:11	300	90	3.0	#141 Mapping t	4	
0138.2M11281913+7737503	240	8:22	11:28:19.1	+77:37:50	300	90	3.0	#141 Mapping t	4	
0139.COMP	5	8:27	11:28:19.1	+77:37:50	300	90	3.0	#141 Mapping t	4	
0140.2M11303935+7933306	330	8:27	11:30:39.3	+79:33:30	300	90	3.0	#141 Mapping t	4	
0141.COMP	5	8:33	11:30:39.3	+79:33:30	300	90	3.0	#141 Mapping t	4	
0142.2M10573666+4404162	420	8:35	10:57:36.6	+44:04:16	300	90	3.0	#141 Mapping t	4	
0143.COMP	5	8:43	10:57:36.6	+44:04:16	300	90	3.0	#141 Mapping t	4	
0144.2M11011294+3208494	420	8:43	11:01:12.9	+32:08:49	300	90	3.0	#141 Mapping t	4	
0145.COMP	5	8:51	11:01:12.9	+32:08:49	300	90	3.0	#141 Mapping t	4	



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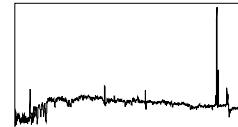
Coll. Focus 1000 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0146.2M11110222+2554244	240	8:51	11:11:2.2	+25:54:24	300	90	3.0	#141 Mapping t	4	
0147.COMP	5	8:56	11:11:2.2	+25:54:24	300	90	3.0	#141 Mapping t	4	
0148.2M11183629+2452033	540	8:57	11:18:36.2	+24:52:3	300	90	3.0	#141 Mapping t	4	
0149.COMP	5	9:06	11:18:36.2	+24:52:3	300	90	3.0	#141 Mapping t	4	
0150.2M11590885+4559281	600	9:08	11:59:8.8	+45:59:28	300	90	3.0	#141 Mapping t	4	
0151.COMP	5	9:18	11:59:8.8	+45:59:28	300	90	3.0	#141 Mapping t	4	
0152.2M14055380+4821555	330	9:19	14:05:53.8	+48:21:55	300	90	3.0	#141 Mapping t	4	
0153.COMP	5	9:25	14:05:53.8	+48:21:55	300	90	3.0	#141 Mapping t	4	
0154.2M14051677+2102389	240	9:26	14:05:16.7	+21:02:38	300	90	3.0	#141 Mapping t	4	
0155.COMP	5	9:30	14:05:16.7	+21:02:38	300	90	3.0	#141 Mapping t	4	
0156.2M14115211+2455194	240	9:31	14:11:52.1	+24:55:19	300	90	3.0	#141 Mapping t	4	
0157.COMP	5	9:35	14:11:52.1	+24:55:19	300	90	3.0	#141 Mapping t	4	
0158.2M14154699+0854365	240	9:36	14:15:46.9	+08:54:36	300	90	3.0	#141 Mapping t	4	
0159.COMP	5	9:40	14:15:46.9	+08:54:36	300	90	3.0	#141 Mapping t	4	
0160.2M14355060+2808484	270	9:41	14:35:50.6	+28:08:48	300	90	3.0	#141 Mapping t	4	
0161.COMP	5	9:46	14:35:50.6	+28:08:48	300	90	3.0	#141 Mapping t	4	
0162.2M14494072+3541250	240	9:47	14:49:40.7	+35:41:25	300	90	3.0	#141 Mapping t	4	
0163.COMP	5	9:52	14:49:40.7	+35:41:25	300	90	3.0	#141 Mapping t	4	
0164.2M14493269+6648477	240	9:53	14:49:32.6	+66:48:47	300	90	3.0	#141 Mapping t	4	
0165.COMP	5	9:57	14:49:32.6	+66:48:47	300	90	3.0	#141 Mapping t	4	



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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0166.2M14401346+7500461	240	9:58	14:40:13.4	+75:00:46	300	90	3.0	#141 Mapping t	4	
0167.COMP	5	10:02	14:40:13.4	+75:00:46	300	90	3.0	#141 Mapping t	4	
0168.2M14290336+8430076	270	10:03	14:29:3.3	+84:30:7	300	90	3.0	#141 Mapping t	4	
0169.COMP	5	10:08	14:29:3.3	+84:30:7	300	90	3.0	#141 Mapping t	4	
0170.2M15140850+815619EW	360	10:10	15:14:8.5	+81:56:19	300	90	3.0	#141 Mapping t	2	please extract both E and W comps
0171.COMP	10	10:16	15:14:8.5	+81:56:19	300	90	3.0	#141 Mapping t	2	E gal at row 84, W at row 71
0172.2M15180891+6657522	600	10:17	15:18:8.9	+66:57:52	300	90	3.0	#141 Mapping t	4	
0173.COMP	5	10:28	15:18:8.9	+66:57:52	300	90	3.0	#141 Mapping t	4	
0174.2M15271278+7948133	420	10:29	15:27:12.7	+79:48:13	300	90	3.0	#141 Mapping t	4	
0175.COMP	5	10:36	15:27:12.7	+79:48:13	300	90	3.0	#141 Mapping t	4	
0176.2M16004187+6943160	420	10:37	16:00:41.8	+69:43:16	300	90	3.0	#141 Mapping t	4	
0177.COMP	5	10:45	16:00:41.8	+69:43:16	300	90	3.0	#141 Mapping t	4	