



WHIPPLE OBSERVATORY

FAST SPECTROGRAPH LOG



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Coll. Focus 1035 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001-0010.BIAS	0	2:21	12:07:28.2	+31:31:30	300	90	3.0	# 162 NGC6791	4	
0011-0020.FLAT	8	2:24	12:10:52.2	+31:31:30	300	90	3.0	# 162 NGC6791	4	
0021-0030.BIAS	0	2:27	12:13:02.7	+31:31:30	300	90	3.0	# 162 NGC6791	2	
0031-0039.FLAT	16	2:31	12:17:44.5	+31:31:30	300	90	3.0	# 162 NGC6791	2	
0040-0041.FLAT	16	2:32	12:18:45.2	+31:31:31	300	90	3.0	# 162 NGC6791	2	
0042-0043.FLAT	16	2:33	12:19:46.0	+31:31:30	300	90	3.0	# 162 NGC6791	2	
0044-0048.FLAT	16	2:36	12:21:54.9	+31:31:31	300	90	3.0	# 162 NGC6791	2	
0049.FLAT	16	2:36	12:22:20	00:31:28	300	90	3.0	# 162 NGC6791	2	
0050-0051.FLAT	16	2:37	12:24:55	32:00:00	300	90	3.0	# 162 NGC6791	2	
0052-0056.sky	3	2:44	12:30:00	32:00:00	300	90	3.0	#57 Velocity S	4	
0057.COMP	5	2:45	12:30:00	32:00:00	300	90	3.0	#57 Velocity S	4	
0058.HD84937	15	3:19	09:48:54.8	13:45:13	300	60	3.0	#56 Spectropho	2	
0059.HD84937	15	3:20	09:48:54.8	13:45:13	300	60	3.0	#56 Spectropho	2	
0060.HD84937	15	3:20	09:48:54.8	13:45:13	300	60	3.0	#56 Spectropho	2	
0061.HD84937	15	3:20	09:48:54.8	13:45:13	300	60	3.0	#56 Spectropho	2	
0062.HD84937	15	3:21	09:48:54.8	13:45:13	300	60	3.0	#56 Spectropho	2	
0063.COMP	10	3:22	09:48:54.8	13:45:13	300	60	3.0	#56 Spectropho	2	
0064.N4151	30	3:24	12:10:32.6	+39:24:21	300	110	3.0	#6 AGN Monitor	2	
0065.N4151	30	3:24	12:10:32.6	+39:24:21	300	110	3.0	#6 AGN Monitor	2	
0066.N4151	90	3:25	12:10:32.6	+39:24:21	300	110	3.0	#6 AGN Monitor	2	



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0067.COMP	10	3:27	12:10:32.6	+39:24:21	300	110	3.0	#6 AGN Monitor	2	
0068.N4051	150	3:28	12:03:09.7	+44:31:53	300	110	3.0	#6 AGN Monitor	2	
0069.N4051	150	3:31	12:03:09.7	+44:31:53	300	110	3.0	#6 AGN Monitor	2	
0070.COMP	10	3:34	12:03:09.7	+44:31:53	300	110	3.0	#6 AGN Monitor	2	
0071.N5548	180	3:35	14:17:59.6	+25:08:12	300	110	3.0	#6 AGN Monitor	2	
0072.N5548	180	3:38	14:17:59.6	+25:08:12	300	110	3.0	#6 AGN Monitor	2	
0073.COMP	10	3:42	14:17:59.6	+25:08:12	300	110	3.0	#6 AGN Monitor	2	
0074.Feige34	150	3:43	10:39:36.8	43:06:10	300	94	3.0	#56 Spectropho	2	
0075.Feige34	150	3:46	10:39:36.8	43:06:10	300	94	3.0	#56 Spectropho	2	
0076.COMP	10	3:49	10:39:36.8	43:06:10	300	94	3.0	#56 Spectropho	2	
0077.N3227	150	3:50	10:23:30.6	+19:51:54	300	66	3.0	#6 AGN Monitor	2	
0078.N3227	150	3:52	10:23:30.6	+19:51:54	300	66	3.0	#6 AGN Monitor	2	
0079.COMP	10	3:55	10:23:30.6	+19:51:54	300	66	3.0	#6 AGN Monitor	2	
0080.sn2004gt	1500	3:59	12:01:50.3	-18:52:12	300	30	3.0	#2 SN Observat	2	
0081.COMP	10	4:25	12:01:50.3	-18:52:12	300	30	3.0	#2 SN Observat	2	
0082.com9PTempel	360	4:26	13:02:33	00:17:45	300	30	3.0	#99 Other	2	posternity
0083.COMP	10	4:33	13:02:33	00:17:45	300	30	3.0	#99 Other	2	
0084.sn2005az	1500	4:35	13:05:46.9	+27:44:08	300	75	3.0	#2 SN Observat	2	
0085.COMP	10	5:01	13:05:46.9	+27:44:08	300	75	3.0	#2 SN Observat	2	
0086.1318_13	330	5:06	11:35:58	55:22:51	300	90	3.0	#160 2MACS	4	



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0087.COMP	5	5:12	11:35:58	55:22:51	300	90	3.0	#160 2MACS	4	
0088.1383_16	420	5:14	11:47:36.5	54:45:04	300	90	3.0	#160 2MACS	4	
0089.COMP	5	5:22	11:47:36.5	54:45:04	300	90	3.0	#160 2MACS	4	
0090.1377_05	360	5:23	11:48:12.1	55:32:04	300	90	3.0	#160 2MACS	4	
0091.COMP	5	5:29	11:48:12.1	55:32:04	300	90	3.0	#160 2MACS	4	
0092.1377_06	330	5:30	11:48:49.2	55:32:19	300	90	3.0	#160 2MACS	2	
0093.COMP	10	5:36	11:48:49.2	55:32:19	300	90	3.0	#160 2MACS	2	
0094.1377_07	540	5:37	11:44:29.8	55:34:40	300	90	3.0	#160 2MACS	4	
0095.COMP	5	5:46	11:44:29.8	55:34:40	300	90	3.0	#160 2MACS	4	
0096.1377_08	600	5:47	11:48:2.1	55:35:19	300	90	3.0	#160 2MACS	4	
0097.COMP	5	5:57	11:48:2.1	55:35:19	300	90	3.0	#160 2MACS	4	
0098.1377_09	480	5:58	11:44:26.4	55:37:53	300	90	3.0	#160 2MACS	4	
0099.COMP	5	6:06	11:44:26.4	55:37:53	300	90	3.0	#160 2MACS	4	
0100.1377_10	480	6:07	11:47:6.5	55:44:26	300	90	3.0	#160 2MACS	4	
0101.COMP	5	6:15	11:47:6.5	55:44:26	300	90	3.0	#160 2MACS	4	
0102.sn2005cf	900	6:18	15:21:32.2	-07:24:47	300	17	3.0	#2 SN Observat	2	
0103.COMP	10	6:33	15:21:32.2	-07:24:47	300	17	3.0	#2 SN Observat	2	
0104.1749_02	1800	6:37	13:31:6.9	37:14:58	300	90	3.0	#160 2MACS	2	ok
0105.COMP	10	7:08	13:31:6.9	37:14:58	300	90	3.0	#160 2MACS	2	
0106.2M16212073-0954414	330	7:09	16:21:20.7	-09:54:41	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
0107.COMP	5	7:15	16:21:20.7	-09:54:41	300	90	3.0	#141 Mapping t	4	
0108.2M16222858-0810045	360	7:16	16:22:28.5	-08:10:4	300	90	3.0	#141 Mapping t	4	
0109.COMP	5	7:22	16:22:28.5	-08:10:4	300	90	3.0	#141 Mapping t	4	
0110.2M16251603-0945204	600	7:23	16:25:16.0	-09:45:20	300	90	3.0	#141 Mapping t	4	
0111.COMP	5	7:33	16:25:16.0	-09:45:20	300	90	3.0	#141 Mapping t	4	
0112.2M16255826-0819283	420	7:34	16:25:58.2	-08:19:28	300	90	3.0	#141 Mapping t	4	
0113.COMP	5	7:41	16:25:58.2	-08:19:28	300	90	3.0	#141 Mapping t	4	
0114.2M16280274-0637112	720	7:42	16:28:2.7	-06:37:11	300	90	3.0	#141 Mapping t	4	
0115.COMP	5	7:54	16:28:2.7	-06:37:11	300	90	3.0	#141 Mapping t	4	
0116.2M16450885-0732103	480	7:55	16:45:8.8	-07:32:10	300	90	3.0	#141 Mapping t	4	
0117.COMP	5	8:03	16:45:8.8	-07:32:10	300	90	3.0	#141 Mapping t	4	
0118.2M16491955-0709309	300	8:04	16:49:19.5	-07:09:30	300	90	3.0	#141 Mapping t	4	
0119.COMP	5	8:09	16:49:19.5	-07:09:30	300	90	3.0	#141 Mapping t	4	
0120.2M16460042-0015598	240	8:10	16:46:0.4	-00:15:59	300	90	3.0	#141 Mapping t	4	
0121.COMP	5	8:15	16:46:0.4	-00:15:59	300	90	3.0	#141 Mapping t	4	
0122.2M16510572-0127478	540	8:15	16:51:5.7	-01:27:47	300	90	3.0	#141 Mapping t	4	
0123.COMP	5	8:24	16:51:5.7	-01:27:47	300	90	3.0	#141 Mapping t	4	
0124.2M16510578-0129258	480	8:25	16:51:5.7	-01:29:25	300	90	3.0	#141 Mapping t	2	target is the brighter gal
0125.COMP	10	8:34	16:51:5.7	-01:29:25	300	90	3.0	#141 Mapping t	2	
0126.2M16545625-0809385	390	8:35	16:54:56.2	-08:09:38	300	90	3.0	#141 Mapping t	2	



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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0127.COMP	10	8:41	16:54:56.2	-08:09:38	300	90	3.0	#141 Mapping t	2	
0128.2M16030065+7736230	900	8:45	16:03:0.6	+77:36:23	300	90	3.0	#141 Mapping t	4	
0129.COMP	5	9:00	16:03:0.6	+77:36:23	300	90	3.0	#141 Mapping t	4	
0130.2M16542680+7833414	360	9:01	16:54:26.8	+78:33:41	300	90	3.0	#141 Mapping t	4	
0131.COMP	5	9:08	16:54:26.8	+78:33:41	300	90	3.0	#141 Mapping t	4	
0132.2M18074537+6943054	720	9:08	18:07:45.3	+69:43:5	300	90	3.0	#141 Mapping t	4	
0133.COMP	5	9:21	18:07:45.3	+69:43:5	300	90	3.0	#141 Mapping t	4	
0134.XS02221B7_027	1500	9:22	17:13:06.8	+50:12:11	300	90	3.0	#129 Bright Ch	2	
0135.COMP	10	9:48	17:13:06.8	+50:12:11	300	90	3.0	#129 Bright Ch	2	
0136.XS02221B7_018	1500	9:49	17:13:40.9	+50:17:49	300	90	3.0	#129 Bright Ch	2	
0137.COMP	10	10:14	17:13:40.9	+50:17:49	300	90	3.0	#129 Bright Ch	2	
0138.XS02221B2_003	90	10:15	17:13:51.3	+50:17:03	300	90	3.0	#129 Bright Ch	2	
0139.COMP	10	10:17	17:13:51.3	+50:17:03	300	90	3.0	#129 Bright Ch	2	
0140.XS02221B7_021	90	10:18	17:14:01.6	+50:07:53	300	90	3.0	#129 Bright Ch	2	
0141.COMP	10	10:20	17:14:01.6	+50:07:53	300	90	3.0	#129 Bright Ch	2	
0142.XS02221B7_019	1200	10:21	17:14:11.4	+50:21:06	300	90	3.0	#129 Bright Ch	2	
0143.COMP	10	10:42	17:14:11.4	+50:21:06	300	90	3.0	#129 Bright Ch	2	
0144.XS00841B5_002	900	10:43	17:14:16.9	+50:18:26	300	90	3.0	#129 Bright Ch	2	
0145.COMP	10	10:58	17:14:16.9	+50:18:26	300	90	3.0	#129 Bright Ch	2	
0146.BDp284211	120	11:00	21:51:11.1	28:51:53	300	90	3.0	#56 Spectropho	2	



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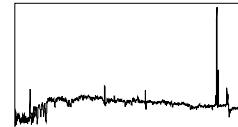
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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0147.BDp284211	120	11:02	21:51:11.1	28:51:53	300	90	3.0	#56 Spectropho	2	
0148.COMP	10	11:04	21:51:11.1	28:51:53	300	90	3.0	#56 Spectropho	2	
0149.N7331	180	11:05	22:34:46.9	+34:09:43	300	90	3.0	#57 Velocity S	4	
0150.COMP	5	11:09	22:34:46.9	+34:09:43	300	90	3.0	#57 Velocity S	4	
0151.HD192281	5	11:10	20:12:33.1	40:16:05	300	90	3.0	#56 Spectropho	2	
0152.HD192281	5	11:10	20:12:33.1	40:16:05	300	90	3.0	#56 Spectropho	2	
0153.HD192281	5	11:10	20:12:33.1	40:16:05	300	90	3.0	#56 Spectropho	2	
0154.COMP	10	11:11	20:12:33.1	40:16:05	300	90	3.0	#56 Spectropho	2	
0155-0164.BIAS	0	11:13	20:12:33.1	40:16:05	300	90	3.0	#141 Mapping t	4	
0165-0174.FLAT	8	11:17	20:12:33.1	40:16:05	300	90	3.0	#141 Mapping t	4	
0175-0184.BIAS	0	11:19	20:12:33.1	40:16:05	300	90	3.0	#141 Mapping t	2	
0185-0194.FLAT	16	11:24	20:12:33.1	40:16:05	300	90	3.0	#141 Mapping t	2	
0195.DARK	900	11:34	21:36:27.4	+31:28:42	300	90	3.0	#141 Mapping t	4	
0196.DARK	900	11:49	21:51:39.0	+31:28:38	300	90	3.0	#141 Mapping t	4	
0197.DARK	900	12:04	22:06:53.7	+31:28:34	300	90	3.0	#141 Mapping t	4	
0198.DARK	900	12:19	22:22:05.3	+31:28:30	300	90	3.0	#141 Mapping t	4	
0199.DARK	900	12:34	22:37:16.6	+31:28:27	300	90	3.0	#141 Mapping t	4	
0200.DARK	900	12:49	22:52:31.6	+31:28:25	300	90	3.0	#141 Mapping t	4	
0201.DARK	900	13:05	23:07:43.1	+31:28:22	300	90	3.0	#141 Mapping t	4	
0202.DARK	900	13:20	23:22:54.6	+31:28:21	300	90	3.0	#141 Mapping t	4	



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0203.DARK	900	13:35	23:38:06.1	+31:28:19	300	90	3.0	#141 Mapping t	4	
0204.DARK	900	13:50	23:53:17.7	+31:28:18	300	90	3.0	#141 Mapping t	4	
0205-0207.DARK	900	14:36	00:39:08.1	+31:28:17	300	90	3.0	#141 Mapping t	2	
0208.DARK	900	14:51	00:54:24.2	+31:28:18	300	90	3.0	#141 Mapping t	2	
0209.DARK	900	15:06	01:09:43.7	+31:28:19	300	90	3.0	#141 Mapping t	2	
0210.DARK	900	15:21	01:24:59.5	+31:28:21	300	90	3.0	#141 Mapping t	2	
0211.DARK	900	15:37	01:40:19.0	+31:28:23	300	90	3.0	#141 Mapping t	2	
0212.DARK	900	15:52	01:55:34.8	+31:28:25	300	90	3.0	#141 Mapping t	2	
0213.DARK	900	16:07	02:10:50.9	+31:28:28	300	90	3.0	#141 Mapping t	2	
0214.DARK	900	16:22	02:26:10.5	+31:28:31	300	90	3.0	#141 Mapping t	2	