



WHIPPLE OBSERVATORY

FAST SPECTROGRAPH LOG



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Coll. Focus 953 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001-0008.DARK	900	0:53	09:34:27.2	+24:13:31	300	90	3.0	#2 SN Observat	4	
0009-0018.BIAS	0	1:09	09:34:27.2	+24:13:31	300	90	3.0	#2 SN Observat	4	
0019-0028.FLAT	6	1:12	09:34:27.2	+24:13:31	300	90	3.0	#2 SN Observat	4	
0029-0038.BIAS	0	1:14	09:34:27.2	+24:13:31	300	90	3.0	#2 SN Observat	2	
0039-0048.FLAT	12	1:19	09:34:27.2	+24:13:31	300	90	3.0	#2 SN Observat	2	
0049.BDp284211	60	1:34	21:48:57.1	28:37:48	300	90	3.0	#56 Spectropho	4	
0050.BDp284211	60	1:35	21:48:57.1	28:37:48	300	90	3.0	#56 Spectropho	4	
0051.COMP	5	1:37	21:48:57.1	28:37:48	300	90	3.0	#56 Spectropho	4	
0052.BDp284211	60	1:38	21:48:57.1	28:37:48	300	76	3.0	#56 Spectropho	2	
0053.BDp284211	60	1:39	21:48:57.1	28:37:48	300	76	3.0	#56 Spectropho	2	
0054.COMP	12	1:41	21:48:57.1	28:37:48	300	76	3.0	#56 Spectropho	2	
0055.BDp174708	20	1:43	22:11:31.4	18:05:34	300	51	3.0	#56 Spectropho	2	
0056.BDp174708	20	1:43	22:11:31.4	18:05:34	300	51	3.0	#56 Spectropho	2	
0057.COMP	12	1:44	22:11:31.4	18:05:34	300	51	3.0	#56 Spectropho	2	
0058.M31	60	1:47	00:40:00.0	+40:59:42	300	90	3.0	#57 Velocity S	2	
0059.COMP	12	1:48	00:40:00.0	+40:59:42	300	90	3.0	#57 Velocity S	2	
0060.sn2004et	600	1:51	20:35:25.4	60:07:17	300	110	3.0	#2 SN Observat	2	
0061.COMP	12	2:02	20:35:25.4	60:07:17	300	110	3.0	#2 SN Observat	2	
0062.ZAnd	2	2:06	23:33:40	48:49:06	300	90	3.0	#12 Symbiotic	2	
0063.ZAnd	10	2:06	23:33:40	48:49:06	300	90	3.0	#12 Symbiotic	2	



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0064.ZAnd	60	2:06	23:33:40	48:49:06	300	90	3.0	#12 Symbiotic	2	
0065.COMP	12	2:08	23:33:40	48:49:06	300	90	3.0	#12 Symbiotic	2	
0066.RAqr	0	2:10	23:43:49	-15:17:05	300	90	3.0	#12 Symbiotic	2	
0067.RAqr	1	2:11	23:43:49	-15:17:05	300	90	3.0	#12 Symbiotic	2	
0068.RAqr	5	2:11	23:43:49	-15:17:05	300	90	3.0	#12 Symbiotic	2	
0069.RAqr	10	2:11	23:43:49	-15:17:05	300	90	3.0	#12 Symbiotic	2	
0070.COMP	12	2:12	23:43:49	-15:17:05	300	90	3.0	#12 Symbiotic	2	
0071.MRK335	150	2:14	00:06:19.6	+20:12:11	300	90	3.0	#6 AGN Monitor	2	
0072.MRK335	150	2:17	00:06:19.6	+20:12:11	300	90	3.0	#6 AGN Monitor	2	
0073.COMP	12	2:20	00:06:19.6	+20:12:11	300	90	3.0	#6 AGN Monitor	2	
0074.2589-16	480	2:22	23:24:25.0	+17:28:57	300	90	3.0	#64 Galaxy For	2	
0075.COMP	12	2:30	23:24:25.0	+17:28:57	300	90	3.0	#64 Galaxy For	2	
0076.2589-17	600	2:32	23:24:05.3	+17:29:16	300	90	3.0	#64 Galaxy For	2	
0077.COMP	12	2:43	23:24:05.3	+17:29:16	300	90	3.0	#64 Galaxy For	2	
0078.2593-01	660	2:44	23:24:32.2	+13:58:57	300	90	3.0	#64 Galaxy For	2	
0079.COMP	12	2:57	23:24:32.2	+13:58:57	300	90	3.0	#64 Galaxy For	2	
0080.2593-02	900	2:58	23:24:18.2	+13:59:36	300	90	3.0	#64 Galaxy For	2	
0081.COMP	12	3:13	23:24:18.2	+13:59:36	300	90	3.0	#64 Galaxy For	2	
0082.2593-03	1020	3:14	23:23:28.0	+14:05:30	300	90	3.0	#64 Galaxy For	2	
0083.COMP	12	3:32	23:23:28.0	+14:05:30	300	90	3.0	#64 Galaxy For	2	



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0084.2593-04	540	3:33	23:26:21.8	+14:12:29	300	90	3.0	#64 Galaxy For	2	
0085.COMP	12	3:42	23:26:21.8	+14:12:29	300	90	3.0	#64 Galaxy For	2	
0086.2593-05	1080	3:43	23:24:55.9	+14:17:40	300	90	3.0	#64 Galaxy For	2	
0087.COMP	12	4:02	23:24:55.9	+14:17:40	300	90	3.0	#64 Galaxy For	2	
0088.2593-06	1020	4:04	23:24:12.8	+14:21:18	300	90	3.0	#64 Galaxy For	2	
0089.COMP	12	4:21	23:24:12.8	+14:21:18	300	90	3.0	#64 Galaxy For	2	
0090.2593-07	660	4:22	23:23:26.1	+14:21:18	300	90	3.0	#64 Galaxy For	2	
0091.COMP	12	4:34	23:23:26.1	+14:21:18	300	90	3.0	#64 Galaxy For	2	
0092.2593-08	300	4:35	23:25:16.8	+14:21:35	300	90	3.0	#64 Galaxy For	2	
0093.COMP	12	4:41	23:25:16.8	+14:21:35	300	90	3.0	#64 Galaxy For	2	
0094.2593-09	600	4:42	23:24:47.1	+14:23:01	300	90	3.0	#64 Galaxy For	2	
0095.COMP	12	4:52	23:24:47.1	+14:23:01	300	90	3.0	#64 Galaxy For	2	
0096.2593-10	1200	5:10	23:25:19.8	+14:24:19	300	90	3.0	#64 Galaxy For	2	
0097.COMP	12	5:30	23:25:19.8	+14:24:19	300	90	3.0	#64 Galaxy For	2	
0098.1626.014534	900	5:35	02:32:38.9	+72:39:03	300	90	3.0	#154 PMS Lynds	2	
0099.COMP	12	5:50	02:32:38.9	+72:39:03	300	90	3.0	#154 PMS Lynds	2	
0100.1628.014114	1020	5:52	02:35:07.9	+72:51:03	300	90	3.0	#154 PMS Lynds	2	
0101.COMP	12	6:10	02:35:07.9	+72:51:03	300	90	3.0	#154 PMS Lynds	2	
0102.hs3392	500	6:18	1:44:04.8	17:55:38	600	90	2.0	#122 Halo Star	4	600L, 2arcsec, tilt=440
0103.COMP	10	6:30	1:44:04.8	17:55:38	600	90	2.0	#122 Halo Star	4	need more counts



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0104.hs3392	660	6:31	1:44:04.8	17:55:38	600	90	2.0	#122 Halo Star	4	
0105.COMP	10	6:42	1:44:04.8	17:55:38	600	90	2.0	#122 Halo Star	4	
0106.hs3393	294	6:43	1:44:08.8	24:03:20	600	90	2.0	#122 Halo Star	4	
0107.COMP	10	6:48	1:44:08.8	24:03:20	600	90	2.0	#122 Halo Star	4	
0108.hs3394	168	6:50	1:44:10.0	25:49:54	600	90	2.0	#122 Halo Star	4	
0109.COMP	10	6:53	1:44:10.0	25:49:54	600	90	2.0	#122 Halo Star	4	
0110.hs3395	180	6:55	1:44:45.5	19:09:12	600	90	2.0	#122 Halo Star	4	
0111.COMP	10	6:58	1:44:45.5	19:09:12	600	90	2.0	#122 Halo Star	4	
0112.hs3396	168	6:59	1:45:17.0	22:56:06	600	90	2.0	#122 Halo Star	4	
0113.COMP	10	7:02	1:45:17.0	22:56:06	600	90	2.0	#122 Halo Star	4	
0114.hs3397	342	7:03	1:45:39.5	15:04:42	600	90	2.0	#122 Halo Star	4	
0115.COMP	10	7:09	1:45:39.5	15:04:42	600	90	2.0	#122 Halo Star	4	
0116.hs3398	500	7:11	1:45:58.1	24:44:09	600	90	2.0	#122 Halo Star	4	
0117.COMP	10	7:22	1:45:58.1	24:44:09	600	90	2.0	#122 Halo Star	4	
0118.hs3399	186	7:23	1:46:36.6	17:53:22	600	90	2.0	#122 Halo Star	4	
0119.COMP	10	7:26	1:46:36.6	17:53:22	600	90	2.0	#122 Halo Star	4	
0120.hs3400	216	7:28	1:47:01.2	19:37:35	600	90	2.0	#122 Halo Star	4	
0121.COMP	10	7:32	1:47:01.2	19:37:35	600	90	2.0	#122 Halo Star	4	
0122.hs3401	492	7:33	1:47:08.7	25:32:53	600	90	2.0	#122 Halo Star	4	
0123.COMP	10	7:41	1:47:08.7	25:32:53	600	90	2.0	#122 Halo Star	4	



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0124.hs3402	210	7:43	1:47:25.7	23:43:20	600	70	2.0	#122 Halo Star	4	
0125.COMP	10	7:47	1:47:25.7	23:43:20	600	70	2.0	#122 Halo Star	4	
0126.hs3403	330	7:48	1:47:54.8	23:39:43	600	90	2.0	#122 Halo Star	4	
0127.COMP	10	7:53	1:47:54.8	23:39:43	600	90	2.0	#122 Halo Star	4	
0128.hs3403	330	7:54	1:47:54.8	23:39:43	600	90	2.0	#122 Halo Star	4	
0129.COMP	10	8:01	1:47:54.8	23:39:43	600	90	2.0	#122 Halo Star	4	
0130.hs3748	408	8:03	3:45:38.7	2:43:38	600	80	2.0	#122 Halo Star	4	
0131.COMP	10	8:10	3:45:38.7	2:43:38	600	80	2.0	#122 Halo Star	4	
0132.hs3749	168	8:11	3:45:44.1	-0:21:11	600	90	2.0	#122 Halo Star	4	
0133.COMP	10	8:15	3:45:44.1	-0:21:11	600	90	2.0	#122 Halo Star	4	
0134.hs3750	414	8:16	3:45:53.2	1:22:53	600	90	2.0	#122 Halo Star	4	
0135.COMP	10	8:23	3:45:53.2	1:22:53	600	90	2.0	#122 Halo Star	4	
0136.hs3751	468	8:24	3:46:13.3	4:08:47	600	90	2.0	#122 Halo Star	4	
0137.COMP	10	8:32	3:46:13.3	4:08:47	600	90	2.0	#122 Halo Star	4	
0138.hs3752	432	8:33	3:46:17.4	0:25:21	600	90	2.0	#122 Halo Star	4	
0139.COMP	10	8:41	3:46:17.4	0:25:21	600	90	2.0	#122 Halo Star	4	
0140.hs3753	300	8:42	3:46:30.4	3:08:21	600	90	2.0	#122 Halo Star	4	
0141.COMP	10	8:48	3:46:30.4	3:08:21	600	90	2.0	#122 Halo Star	4	
0142.hs3755	444	8:49	3:47:32.9	2:34:20	600	90	2.0	#122 Halo Star	4	
0143.COMP	10	8:57	3:47:32.9	2:34:20	600	90	2.0	#122 Halo Star	4	



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0144.hs3756	234	8:57	3:47:38.4	0:12:01	600	90	2.0	#122 Halo Star	4	
0145.COMP	10	9:02	3:47:38.4	0:12:01	600	90	2.0	#122 Halo Star	4	
0146.Hiltner600	70	9:04	06:42:37.2	02:11:25	600	90	2.0	#56 Spectropho	4	combo setup
0147.COMP	10	9:05	06:42:37.2	02:11:25	600	90	2.0	#56 Spectropho	4	
0148-0157.FLAT	24	9:11	06:42:37.2	02:11:25	600	90	2.0	#122 Halo Star	4	
0158.Hiltner600	60	9:21	06:42:37.2	02:11:25	300	90	3.0	#56 Spectropho	2	
0159.Hiltner600	60	9:22	06:42:37.2	02:11:25	300	90	3.0	#56 Spectropho	2	
0160.COMP	12	9:23	06:42:37.2	02:11:25	300	90	3.0	#56 Spectropho	2	
0161.Hiltner600	60	9:24	06:42:37.2	02:11:25	300	90	3.0	#56 Spectropho	4	
0162.Hiltner600	60	9:25	06:42:37.2	02:11:25	300	90	3.0	#56 Spectropho	4	
0163.COMP	5	9:27	06:42:37.2	02:11:25	300	90	3.0	#56 Spectropho	4	
0164.cvso-51635	600	9:29	05:32:25.6	-01:33:11	300	90	3.0	#112 Orion PMS	2	
0165.COMP	12	9:40	05:32:25.6	-01:33:11	300	90	3.0	#112 Orion PMS	2	
0166.cvso-46376	720	9:41	05:34:51.7	-00:33:04	300	90	3.0	#112 Orion PMS	2	
0167.COMP	12	9:53	05:34:51.7	-00:33:04	300	90	3.0	#112 Orion PMS	2	
0168.cvso-56167	660	9:55	05:37:31.3	-01:08:12	300	90	3.0	#112 Orion PMS	2	
0169.COMP	12	10:06	05:37:31.3	-01:08:12	300	90	3.0	#112 Orion PMS	2	
0170.cvso-56279	720	10:08	05:37:40.8	-01:32:58	300	90	3.0	#112 Orion PMS	2	
0171.COMP	12	10:21	05:37:40.8	-01:32:58	300	90	3.0	#112 Orion PMS	2	
0172.cvso-50395	600	10:22	05:39:11.1	-00:34:14	300	90	3.0	#112 Orion PMS	2	



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0173.COMP	12	10:33	05:39:11.1	-00:34:14	300	90	3.0	#112 Orion PMS	2	
0174.cvso-50487	660	10:34	05:39:17.6	-00:56:38	300	90	3.0	#112 Orion PMS	2	
0175.COMP	12	10:47	05:39:17.6	-00:56:38	300	90	3.0	#112 Orion PMS	2	
0176.cvso-50598	660	10:48	05:39:24.2	-00:53:59	300	90	3.0	#112 Orion PMS	2	
0177.COMP	12	10:59	05:39:24.2	-00:53:59	300	90	3.0	#112 Orion PMS	2	
0178.cvso-57727	660	11:01	05:39:29.6	-01:07:55	300	90	3.0	#112 Orion PMS	2	
0179.COMP	12	11:12	05:39:29.6	-01:07:55	300	90	3.0	#112 Orion PMS	2	
0180.XS00095B6_003	20	11:14	06:22:59.5	-00:26:47	300	90	3.0	#152 ChaMPlane	2	
0181.COMP	12	11:16	06:22:59.5	-00:26:47	300	90	3.0	#152 ChaMPlane	2	
0182.XS00095B6_007	40	11:17	06:22:59.2	-00:28:13	300	90	3.0	#152 ChaMPlane	2	
0183.COMP	12	11:18	06:22:59.2	-00:28:13	300	90	3.0	#152 ChaMPlane	2	
0184.XS00095B6_010	600	11:19	06:22:40.0	-00:26:52	300	90	3.0	#152 ChaMPlane	2	
0185.COMP	12	11:30	06:22:40.0	-00:26:52	300	90	3.0	#152 ChaMPlane	2	
0186.XS00095B6_013	300	11:41	06:22:47.7	-00:27:08	300	100	3.0	#152 ChaMPlane	2	
0187.COMP	12	11:47	06:22:47.7	-00:27:08	300	100	3.0	#152 ChaMPlane	2	
0188.sn2004gd	900	11:52	07:09:11.7	+20:36:10	300	55	3.0	#2 SN Observat	2	row=77
0189.sn2004gd	900	12:07	07:09:11.7	+20:36:10	300	55	3.0	#2 SN Observat	2	
0190.COMP	12	12:23	07:09:11.7	+20:36:10	300	55	3.0	#2 SN Observat	2	
0191.N4051	150	12:27	12:03:09.7	+44:31:53	300	89	3.0	#6 AGN Monitor	2	
0192.N4051	150	12:30	12:03:09.7	+44:31:53	300	89	3.0	#6 AGN Monitor	2	



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0193.N4051	150	12:33	12:03:09.7	+44:31:53	300	89	3.0	#6 AGN Monitor	2	
0194.COMP	12	12:36	12:03:09.7	+44:31:53	300	89	3.0	#6 AGN Monitor	2	
0195.094254-02480	1200	12:39	09:45:30.1	-03:01:57	300	89	3.0	#84f Updated Z	2	
0196.COMP	12	12:59	09:45:30.1	-03:01:57	300	89	3.0	#84f Updated Z	2	
0197.094750+39086	210	13:01	09:47:47.6	+39:05:06	300	89	3.0	#84f Updated Z	2	
0198.COMP	12	13:05	09:47:47.6	+39:05:06	300	89	3.0	#84f Updated Z	2	
0199.Feige34	70	13:18	10:36:41.2	43:21:50	300	-34	3.0	#56 Spectropho	2	
0200.Feige34	70	13:20	10:36:41.2	43:21:50	300	-34	3.0	#56 Spectropho	2	
0201.COMP	12	13:22	10:36:41.2	43:21:50	300	-34	3.0	#56 Spectropho	2	
0202-0211.BIAS	0	13:27	10:36:41.2	43:21:50	300	90	3.0	#112 Orion PMS	4	
0212-0221.FLAT	6	13:31	10:36:41.2	43:21:50	300	90	3.0	#112 Orion PMS	4	
0222-0231.BIAS	0	13:35	10:36:41.2	43:21:50	300	90	3.0	#112 Orion PMS	2	
0232-0241.FLAT	12	13:39	10:36:41.2	43:21:50	300	90	3.0	#112 Orion PMS	2	
0242-0251.DARK	900	15:57	10:36:41.2	43:21:50	300	90	3.0	#112 Orion PMS	2	