

UT Date 2014-01-03 Observers P BerlindColl. Focus 1350 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001.BIAS	0	20:54	22:37:04.1	+34:24:56	300	88	3.0	0 Calibration	2	
0002.BIAS	0	20:54	22:37:04.1	+34:24:56	300	88	3.0	0 Calibration	2	start of FAST run
0003-0005.BIAS	0	20:55	22:37:04.1	+34:24:56	300	88	3.0	0 Calibration	2	
0006-0010.DARK	900	22:01	22:37:04.1	+34:24:56	300	88	3.0	0 Calibration	2	
0011-0015.DARK	900	23:17	22:37:04.1	+34:24:56	300	88	3.0	0 Calibration	4	
0016-0025.BIAS	0	00:29	22:37:04.1	+34:24:56	300	88	3.0	0 Calibration	2	
0026-0040.FLAT	7	00:34	22:37:04.1	+34:24:56	300	88	3.0	0 Calibration	2	
0041-0045.sky	5	00:48	00:10:00.0	+32:00:00	300	88	3.0	#57 Velocity S	2	
0046.COMP	10	00:48	00:10:00.0	+32:00:00	300	88	3.0	0 Calibration	2	
0047.COMP	10	01:14	00:10:00.0	+32:00:00	300	88	3.0	0 Calibration	2	
0048.ZAnd	10	01:17	23:33:40.0	+48:49:06	300	88	3.0	#12 Symbiotic	2	
0049.ZAnd	30	01:18	23:33:40.0	+48:49:06	300	88	3.0	#12 Symbiotic	2	
0050.ZAnd	4	01:19	23:33:40.0	+48:49:06	300	88	3.0	#12 Symbiotic	2	
0051.COMP	5	01:19	23:33:40.0	+48:49:06	300	88	3.0	0 Calibration	2	
0052.RAqr	4	01:22	23:43:49.0	-15:17:05	300	88	3.0	#12 Symbiotic	2	
0053.RAqr	30	01:22	23:43:49.0	-15:17:05	300	88	3.0	#12 Symbiotic	2	
0054.RAqr	10	01:23	23:43:49.0	-15:17:05	300	88	3.0	#12 Symbiotic	2	
0055.COMP	10	01:23	23:43:49.0	-15:17:05	300	88	3.0	0 Calibration	2	
0056.EGAnd	2	01:26	00:44:37.0	+40:40:47	300	88	3.0	#12 Symbiotic	2	
0057.EGAnd	10	01:26	00:44:37.0	+40:40:47	300	88	3.0	#12 Symbiotic	2	

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0058.EGAnd	30	01:27	00:44:37.0	+40:40:47	300	88	3.0	#12 Symbiotic	2	
0059.COMP	10	01:28	00:44:37.0	+40:40:47	300	88	3.0	0 Calibration	2	
0060.AXPer	10	01:29	01:36:23.0	+54:15:03	300	88	3.0	#12 Symbiotic	2	
0061.AXPer	30	01:30	01:36:23.0	+54:15:03	300	88	3.0	#12 Symbiotic	2	
0062.AXPer	90	01:31	01:36:23.0	+54:15:03	300	88	3.0	#12 Symbiotic	2	
0063.COMP	10	01:33	01:36:23.0	+54:15:03	300	88	3.0	0 Calibration	2	
0064.158m213	360	01:35	00:43:14.4	+41:07:21	300	88	3.0	#57 Velocity S	2	
0065.COMP	10	01:41	00:43:14.4	+41:07:21	300	88	3.0	0 Calibration	2	
0066.225m280	360	01:43	00:44:29.8	+41:21:25	300	88	3.0	#57 Velocity S	2	
0067.COMP	10	01:49	00:44:29.8	+41:21:25	300	88	3.0	0 Calibration	2	
0068.HD217014	1	01:55	22:57:23.0	+20:46:07	300	88	3.0	#173 Small Sol	2	
0069.HD217014	1	01:55	22:57:23.0	+20:46:07	300	88	3.0	#173 Small Sol	2	
0070.HD217014	1	01:55	22:57:23.0	+20:46:07	300	88	3.0	#173 Small Sol	2	
0071.COMP	10	01:56	22:57:23.0	+20:46:07	300	88	3.0	0 Calibration	2	
0072.Comet.154P.Brewington	900	01:58	23:52:00.5	+19:12:24	300	88	3.0	#173 Small Sol	2	
0073.COMP	10	02:13	23:52:00.5	+19:12:24	300	88	3.0	0 Calibration	2	
0074.Comet.154P.Brewington	900	02:14	23:52:00.5	+19:12:24	300	88	3.0	#173 Small Sol	2	
0075.COMP	10	02:29	23:52:00.5	+19:12:24	300	88	3.0	0 Calibration	2	
0076.Comet.154P.Brewington	900	02:30	23:52:00.5	+19:12:24	300	88	3.0	#173 Small Sol	2	
0077.COMP	10	02:45	23:52:00.5	+19:12:24	300	88	3.0	0 Calibration	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0078.Comet.154P.offsetsky	900	02:46	23:52:00.5	+19:12:24	300	88	3.0	#173 Small Sol	2	offset sky, some thin clouds moving in
0079.COMP	10	03:01	23:52:00.5	+19:12:24	300	88	3.0	0 Calibration	2	
0080.HD19445	10	03:04	03:08:25.6	+26:19:51	300	88	3.0	#56 Spectropho	2	
0081.HD19445	10	03:05	03:08:25.6	+26:19:51	300	88	3.0	#56 Spectropho	2	
0082.HD19445	10	03:05	03:08:25.6	+26:19:51	300	88	3.0	#56 Spectropho	2	
0083.COMP	10	03:06	03:08:25.6	+26:19:51	300	88	3.0	0 Calibration	2	
0084.snptf13ebh	1800	03:08	02:22:00.0	+33:16:14	300	88	3.0	#2 SN Observat	2	
0085.COMP	10	03:39	02:22:00.0	+33:16:14	300	85	3.0	0 Calibration	2	
0086.sn2013gy	1800	03:53	03:42:16.9	-04:43:19	300	85	3.0	#2 SN Observat	2	
0087.COMP	10	04:23	03:42:16.9	-04:43:19	300	88	3.0	0 Calibration	2	
0088.sn13dsm	1800	04:26	03:33:12.8	-26:12:24	300	88	3.0	#2 SN Observat	2	
0089.COMP	10	04:57	03:33:12.8	-26:12:24	300	88	3.0	0 Calibration	2	
0090.snJ0305	1800	04:59	03:06:00.0	+04:32:38	300	88	3.0	#2 SN Observat	2	
0091.COMP	10	05:30	03:06:00.0	+04:32:38	300	88	3.0	0 Calibration	2	
0092.A02276.1	1800	05:32	03:57:10.6	-00:41:26	300	80	3.0	#216 Local Com	2	
0093.COMP	10	06:03	03:57:10.6	-00:41:26	300	80	3.0	0 Calibration	2	
0094.Hyades142	20	06:05	04:46:30.0	+15:28:21	300	90	3.0	#173 Small Sol	2	
0095.Hyades142	20	06:06	04:46:30.0	+15:28:21	300	90	3.0	#173 Small Sol	2	
0096.Hyades142	20	06:06	04:46:30.0	+15:28:21	300	90	3.0	#173 Small Sol	2	
0097.COMP	10	06:07	04:46:30.0	+15:28:21	300	90	3.0	0 Calibration	2	

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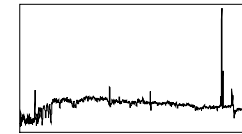
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0098.Asteroid.2010.XZ67	480	06:10	06:27:20.0	+17:07:25	300	90	3.0	#173 Small Sol	2	
0099.COMP	10	06:19	06:27:20.0	+17:07:25	300	90	3.0	0 Calibration	2	
0100.Asteroid.2010.XZ67	480	06:19	06:27:20.0	+17:07:25	300	90	3.0	#173 Small Sol	2	
0101.COMP	10	06:28	06:27:20.0	+17:07:25	300	90	3.0	0 Calibration	2	
0102.Asteroid.2010.XZ67	480	06:28	06:27:20.0	+17:07:25	300	90	3.0	#173 Small Sol	2	
0103.COMP	10	06:37	06:27:20.0	+17:07:25	300	90	3.0	0 Calibration	2	
0104.Asteroid.142.Polana	300	06:38	07:03:52.3	+23:06:10	300	90	3.0	#173 Small Sol	2	
0105.Asteroid.142.Polana	300	06:44	07:03:52.3	+23:06:10	300	90	3.0	#173 Small Sol	2	
0106.Asteroid.142.Polana	300	06:49	07:03:52.3	+23:06:10	300	90	3.0	#173 Small Sol	2	
0107.COMP	10	06:54	07:03:52.3	+23:06:10	300	90	3.0	0 Calibration	2	
0108.Hiltner600	100	06:56	06:45:13.4	+02:08:15	300	90	3.0	#56 Spectropho	2	
0109.COMP	10	06:58	06:45:13.4	+02:08:15	300	90	3.0	0 Calibration	2	
0110.SA98.978	75	07:00	06:51:34.0	-00:11:33	300	90	3.0	#173 Small Sol	2	
0111.SA98.978	75	07:02	06:51:34.0	-00:11:33	300	90	3.0	#173 Small Sol	2	
0112.SA98.978	75	07:03	06:51:34.0	-00:11:33	300	90	3.0	#173 Small Sol	2	
0113.COMP	10	07:05	06:51:34.0	-00:11:33	300	90	3.0	0 Calibration	2	
0114.RU149B	300	07:06	07:24:17.6	-00:32:58	300	90	3.0	#173 Small Sol	2	
0115.COMP	10	07:12	07:24:17.6	-00:32:58	300	90	3.0	0 Calibration	2	
0116-0119.BIAS	0	07:16	07:15:40.3	+27:30:56	600	90	1.5	0 Calibration	4	
0120.BIAS	0	07:16	05:05:30.6	+52:49:52	600	90	1.5	0 Calibration	4	

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0121.G191B2B	300	07:17	05:05:30.6	+52:49:52	600	90	1.5	#178 Low Mass	4	
0122.COMP	10	07:22	05:05:30.6	+52:49:52	600	86	1.5	0 Calibration	4	
0123.lamost100	600	07:24	04:01:08.6	+46:40:27	600	86	1.5	#178 Low Mass	4	
0124.COMP	10	07:34	04:01:08.6	+46:40:27	600	86	1.5	0 Calibration	4	
0125.lamost100	600	07:35	04:01:08.6	+46:40:27	600	86	1.5	#178 Low Mass	4	
0126.COMP	10	07:45	04:01:08.6	+46:40:27	600	86	1.5	0 Calibration	4	
0127.lamost100	600	07:46	04:01:08.6	+46:40:27	600	86	1.5	#178 Low Mass	4	
0128.COMP	10	07:56	04:01:08.6	+46:40:27	600	86	1.5	0 Calibration	4	
0129.lamost100	600	07:57	04:01:08.6	+46:40:27	600	86	1.5	#178 Low Mass	4	
0130.COMP	10	08:07	04:01:08.6	+46:40:27	600	86	1.5	0 Calibration	4	
0131.lamost100	600	08:08	04:01:08.6	+46:40:27	600	86	1.5	#178 Low Mass	4	
0132.COMP	10	08:18	04:01:08.6	+46:40:27	600	86	1.5	0 Calibration	4	
0133.lamost100	600	08:19	04:01:08.6	+46:40:27	600	86	1.5	#178 Low Mass	4	
0134.COMP	10	08:29	04:01:08.6	+46:40:27	600	90	1.5	0 Calibration	4	
0135.lamost071	1200	08:31	06:00:56.8	+28:37:15	600	90	1.5	#178 Low Mass	4	
0136.COMP	10	08:52	06:00:56.8	+28:37:15	600	90	1.5	0 Calibration	4	
0137.lamost071	1200	08:53	06:00:56.8	+28:37:15	600	90	1.5	#178 Low Mass	4	
0138.COMP	10	09:14	06:00:56.8	+28:37:15	600	90	1.5	0 Calibration	4	
0139.lamost071	1200	09:14	06:00:56.8	+28:37:15	600	90	1.5	#178 Low Mass	4	
0140.COMP	10	09:35	06:00:56.8	+28:37:15	600	90	1.5	0 Calibration	4	

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0141.lmwd526	1200	09:37	07:26:59.5	+33:17:09	600	90	1.5	#178 Low Mass	4	
0142.COMP	10	09:58	07:26:59.5	+33:17:09	600	90	1.5	0 Calibration	4	
0143.lmwd526	1200	09:58	07:26:59.5	+33:17:09	600	90	1.5	#178 Low Mass	4	
0144.COMP	10	10:19	07:26:59.5	+33:17:09	600	90	1.5	0 Calibration	4	
0145.lmwd526	1200	10:19	07:26:59.5	+33:17:09	600	90	1.5	#178 Low Mass	4	
0146.COMP	10	10:41	07:26:59.5	+33:17:09	600	89	1.5	0 Calibration	4	
0147.kinman3	1500	10:43	09:08:53.5	-02:12:43	600	89	1.5	#178 Low Mass	4	
0148.COMP	10	11:08	09:08:53.5	-02:12:43	600	90	1.5	0 Calibration	4	
0149.Feige34	120	11:10	10:39:36.7	+43:06:09	600	90	1.5	#178 Low Mass	4	
0150.COMP	10	11:12	10:39:36.7	+43:06:09	600	90	1.5	0 Calibration	4	
0151-0160.FLAT	12	11:18	11:15:00.0	+32:00:00	600	90	1.5	0 Calibration	4	
0161.test	10	11:21	11:15:00.0	+32:00:00	300	90	3.0	#178 Low Mass	2	
0162.test	10	11:22	11:15:00.0	+32:00:00	300	90	3.0	#178 Low Mass	2	
0163.SA102m370	180	11:24	10:56:33.8	-01:10:41	300	90	3.0	#173 Small Sol	2	
0164.COMP	10	11:27	10:56:33.8	-01:10:41	300	90	3.0	0 Calibration	2	
0165.Asteroid.Erigone.163	240	11:29	10:46:29.5	+04:31:13	300	90	3.0	#173 Small Sol	2	
0166.Asteroid.Erigone.163	240	11:33	10:46:29.5	+04:31:13	300	90	3.0	#173 Small Sol	2	
0167.Asteroid.Erigone.163	240	11:38	10:46:29.5	+04:31:13	300	90	3.0	#173 Small Sol	2	
0168.COMP	10	11:42	10:46:29.5	+04:31:13	300	90	3.0	0 Calibration	2	
0169.HD84937	30	11:44	09:48:56.1	+13:44:39	300	90	3.0	#56 Spectropho	2	

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0170.HD84937	30	11:45	09:48:56.1	+13:44:39	300	90	3.0	#56 Spectropho	2	
0171.HD84937	30	11:46	09:48:56.1	+13:44:39	300	90	3.0	#56 Spectropho	2	
0172.COMP	10	11:47	09:48:56.1	+13:44:39	300	90	3.0	0 Calibration	2	
0173.Feige34	180	11:48	10:39:36.7	+43:06:09	300	90	3.0	#56 Spectropho	2	
0174.COMP	10	11:51	10:39:36.7	+43:06:09	300	90	3.0	0 Calibration	2	
0175.sn2013gs	1800	11:53	09:31:08.9	+46:23:05	300	90	3.0	#2 SN Observat	2	
0176.COMP	10	12:24	09:31:08.9	+46:23:05	300	89	3.0	0 Calibration	2	
0177.sn2013ge	1800	12:25	10:34:48.5	+21:39:42	300	89	3.0	#2 SN Observat	2	
0178.COMP	10	12:56	10:34:48.5	+21:39:42	300	90	3.0	0 Calibration	2	
0179.psn130417	1321	12:58	13:04:17.7	-10:20:01	300	90	3.0	#2 SN Observat	2	
0180.COMP	10	13:21	13:04:17.7	-10:20:01	300	90	3.0	0 Calibration	2	
0181-0190.BIAS	0	13:24	13:04:17.7	-10:20:01	300	90	3.0	0 Calibration	2	
0191-0205.FLAT	7	13:30	13:04:17.7	-10:20:01	300	90	3.0	0 Calibration	2	
0206-0215.BIAS	0	13:32	13:04:17.7	-10:20:01	300	90	3.0	0 Calibration	4	