

UT Date 2013-04-10 Observers P BerlindColl. Focus 1350 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001-0002.BIAS	0	01:59	04:56:56.3	-04:51:57	300	89	3.0	0 Calibration	2	
0003.BIAS	0	01:59	04:56:56.3	-04:51:57	300	89	3.0	0 Calibration	2	start of FAST run
0004.BIAS	0	01:59	04:56:56.3	-04:51:57	300	89	3.0	0 Calibration	2	
0005.BIAS	0	01:59	04:56:56.3	-04:51:57	300	89	3.0	0 Calibration	2	after ccd warmup and cooldown
0006-0010.BIAS	0	02:00	04:56:56.3	-04:51:57	300	89	3.0	0 Calibration	2	
0011-0025.FLAT	7	02:06	04:56:56.3	-04:51:57	300	89	3.0	0 Calibration	2	
0026.H07_1307	120	02:36	05:39:59.3	-02:22:54	300	89	3.0	#112 PMS Orion	2	partly cloudy
0027.COMP	10	02:38	05:39:59.3	-02:22:54	300	89	3.0	0 Calibration	2	
0028.H07_521	120	02:39	05:38:27.5	-02:43:33	300	89	3.0	#112 PMS Orion	2	
0029.COMP	10	02:41	05:38:27.5	-02:43:33	300	89	3.0	0 Calibration	2	
0030.H07_1352	150	02:42	05:40:07.0	-02:28:30	300	89	3.0	#112 PMS Orion	2	
0031.COMP	10	02:45	05:40:07.0	-02:28:30	300	89	3.0	0 Calibration	2	
0032.H07_706	153	02:46	05:38:44.8	-02:33:58	300	89	3.0	#112 PMS Orion	2	
0033.COMP	10	02:49	05:38:44.8	-02:33:58	300	88	3.0	0 Calibration	2	
0034.H07_244	150	02:50	05:37:54.5	-02:43:38	300	88	3.0	#112 PMS Orion	2	
0035.COMP	10	02:53	05:37:54.5	-02:43:38	300	88	3.0	0 Calibration	2	
0036.H07_194	420	02:54	05:37:49.6	-02:36:18	300	88	3.0	#112 PMS Orion	2	
0037.COMP	10	03:01	05:37:49.6	-02:36:18	300	88	3.0	0 Calibration	2	
0038.H07_654	300	03:02	05:38:39.7	-02:18:38	300	88	3.0	#112 PMS Orion	2	
0039.COMP	10	03:08	05:38:39.7	-02:18:38	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
0040.H07_1239	420	03:08	05:39:50.6	-02:53:01	300	88	3.0	#112 PMS Orion	2	
0041.COMP	10	03:16	05:39:50.6	-02:53:01	300	88	3.0	0 Calibration	2	
0042.cvso-51370199	900	03:17	05:49:07.8	+03:43:29	300	88	3.0	#112 PMS Orion	2	
0043.COMP	10	03:32	05:49:07.8	+03:43:29	300	88	3.0	0 Calibration	2	
0044.sn2013ak	1200	03:34	08:07:06.7	-28:03:10	300	88	3.0	#2 SN Observat	2	
0045.COMP	10	03:54	08:07:06.7	-28:03:10	300	88	3.0	0 Calibration	2	
0046.HD84937	30	03:56	09:48:56.1	+13:44:39	300	88	3.0	#56 Spectropho	2	
0047.HD84937	30	03:57	09:48:56.1	+13:44:39	300	88	3.0	#56 Spectropho	2	
0048.HD84937	30	03:58	09:48:56.1	+13:44:39	300	88	3.0	#56 Spectropho	2	
0049.COMP	10	03:59	09:48:56.1	+13:44:39	300	88	3.0	0 Calibration	2	
0050.GJ1124	10	04:00	09:22:25.9	+40:12:03	300	88	3.0	#215 Grid of W	2	
0051.GJ1124	30	04:01	09:22:25.9	+40:12:03	300	88	3.0	#215 Grid of W	2	
0052.GJ1124	30	04:02	09:22:25.9	+40:12:03	300	88	3.0	#215 Grid of W	2	
0053.COMP	10	04:03	09:22:25.9	+40:12:03	300	88	3.0	0 Calibration	2	
0054.G1365	40	04:04	09:43:25.6	+42:41:29	300	88	3.0	#215 Grid of W	2	
0055.G1365	40	04:05	09:43:25.6	+42:41:29	300	88	3.0	#215 Grid of W	2	
0056.G1365	40	04:06	09:43:25.6	+42:41:29	300	88	3.0	#215 Grid of W	2	
0057.COMP	10	04:07	09:43:25.6	+42:41:29	300	88	3.0	0 Calibration	2	
0058.G1397	60	04:08	10:31:24.2	+45:31:33	300	88	3.0	#215 Grid of W	2	
0059.G1397	60	04:09	10:31:24.2	+45:31:33	300	88	3.0	#215 Grid of W	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0060.G1397	60	04:11	10:31:24.2	+45:31:33	300	88	3.0	#215 Grid of W	2	
0061.G1397	120	04:12	10:31:24.2	+45:31:33	300	88	3.0	#215 Grid of W	2	
0062.COMP	10	04:14	10:31:24.2	+45:31:33	300	88	3.0	0 Calibration	2	
0063.Feige34	180	04:16	10:39:36.7	+43:06:09	300	88	3.0	#56 Spectropho	2	
0064.COMP	10	04:20	10:39:36.7	+43:06:09	300	88	3.0	0 Calibration	2	
0065.G1424	120	04:22	11:20:04.8	+65:50:47	300	88	3.0	#215 Grid of W	2	
0066.G1424	120	04:24	11:20:04.8	+65:50:47	300	88	3.0	#215 Grid of W	2	
0067.G1424	120	04:27	11:20:04.8	+65:50:47	300	88	3.0	#215 Grid of W	2	
0068.COMP	10	04:29	11:20:04.8	+65:50:47	300	88	3.0	0 Calibration	2	
0069.GJ454.3	75	04:30	12:02:20.8	+43:08:26	300	88	3.0	#215 Grid of W	2	
0070.GJ454.3	61	04:32	12:02:20.8	+43:08:26	300	88	3.0	#215 Grid of W	2	
0071.COMP	10	04:34	12:02:20.8	+43:08:26	300	88	3.0	0 Calibration	2	
0072.GJ9393	360	04:35	12:10:56.8	+41:03:28	300	88	3.0	#215 Grid of W	2	
0073.COMP	10	04:42	12:10:56.8	+41:03:28	300	89	3.0	0 Calibration	2	
0074.GJ3714	480	04:44	12:12:29.4	+39:40:27	300	89	3.0	#215 Grid of W	2	
0075.COMP	10	04:52	12:12:29.4	+39:40:27	300	89	3.0	0 Calibration	2	
0076.GJ9399	300	04:54	12:15:08.8	+48:43:57	300	89	3.0	#215 Grid of W	2	
0077.COMP	10	04:59	12:15:08.8	+48:43:57	300	89	3.0	0 Calibration	2	
0078.HD106783	60	05:04	12:16:43.3	+44:24:07	300	89	3.0	#215 Grid of W	2	
0079.HD106783	60	05:05	12:16:43.3	+44:24:07	300	89	3.0	#215 Grid of W	2	

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0080.HD106783	60	05:06	12:16:43.3	+44:24:07	300	89	3.0	#215 Grid of W	2	
0081.COMP	10	05:07	12:16:43.3	+44:24:07	300	89	3.0	0 Calibration	2	
0082.GJ9404	300	05:09	12:19:24.1	+28:22:56	300	89	3.0	#215 Grid of W	2	
0083.COMP	10	05:14	12:19:24.1	+28:22:56	300	89	3.0	0 Calibration	2	
0084.G1485	200	05:15	12:47:20.1	+31:12:48	300	89	3.0	#215 Grid of W	2	
0085.COMP	10	05:19	12:47:20.1	+31:12:48	300	89	3.0	0 Calibration	2	
0086.TXCVn	45	05:20	12:44:42.0	+36:45:48	300	89	3.0	#12 Symbiotic	2	
0087.TXCVn	45	05:21	12:44:42.0	+36:45:48	300	89	3.0	#12 Symbiotic	2	
0088.TXCVn	45	05:22	12:44:42.0	+36:45:48	300	89	3.0	#12 Symbiotic	2	
0089.COMP	10	05:23	12:44:42.0	+36:45:48	300	89	3.0	0 Calibration	2	
0090.V419Hya	30	05:25	10:43:28.3	-29:03:51	300	89	3.0	#215 Grid of W	2	
0091.V419Hya	30	05:26	10:43:28.3	-29:03:51	300	89	3.0	#215 Grid of W	2	
0092.V419Hya	30	05:27	10:43:28.3	-29:03:51	300	89	3.0	#215 Grid of W	2	
0093.COMP	10	05:27	10:43:28.3	-29:03:51	300	89	3.0	0 Calibration	2	
0094.sn2013ao	1800	05:31	11:44:44.7	-20:31:41	300	89	3.0	#2 SN Observat	2	
0095.COMP	10	06:02	11:44:44.7	-20:31:41	300	89	3.0	0 Calibration	2	
0096.sn2013ao	1800	06:02	11:44:44.7	-20:31:41	300	89	3.0	#2 SN Observat	2	
0097.COMP	10	06:33	11:44:44.7	-20:31:41	300	88	3.0	0 Calibration	2	
0098.HD84937	30	06:35	09:48:56.1	+13:44:39	300	88	3.0	#56 Spectropho	2	
0099.HD84937	30	06:35	09:48:56.1	+13:44:39	300	88	3.0	#56 Spectropho	2	

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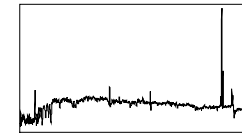
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0100.HD84937	30	06:36	09:48:56.1	+13:44:39	300	88	3.0	#56 Spectropho	2	
0101.COMP	10	06:37	09:48:56.1	+13:44:39	300	88	3.0	0 Calibration	2	
0102.COMP	10	06:46	12:49:17.2	+34:19:43	300	35	3.0	0 Calibration	2	
0103.IRAS12468+3436	1800	06:48	12:49:17.2	+34:19:43	300	35	3.0	#199 Optical n	2	
0104.COMP	10	07:18	12:49:17.2	+34:19:43	300	35	3.0	0 Calibration	2	
0105.IRAS12468+3436	1800	07:18	12:49:17.2	+34:19:43	300	35	3.0	#199 Optical n	2	
0106.COMP	10	07:49	12:49:17.2	+34:19:43	300	35	3.0	0 Calibration	2	
0107.IRAS12468+3436	1800	07:49	12:49:17.2	+34:19:43	300	35	3.0	#199 Optical n	2	
0108.COMP	10	08:20	12:49:17.2	+34:19:43	300	34	3.0	0 Calibration	2	
0109.RWHya	30	08:23	13:34:18.0	-25:22:51	300	89	3.0	#12 Symbiotic	2	
0110.RWHya	10	08:24	13:34:18.0	-25:22:51	300	89	3.0	#12 Symbiotic	2	
0111.RWHya	5	08:25	13:34:18.0	-25:22:51	300	89	3.0	#12 Symbiotic	2	
0112.RWHya	40	08:25	13:34:18.0	-25:22:51	300	89	3.0	#12 Symbiotic	2	
0113.COMP	10	08:26	13:34:18.0	-25:22:51	300	89	3.0	0 Calibration	2	
0114.GJ1176	120	08:27	13:42:26.0	-01:41:10	300	89	3.0	#215 Grid of W	2	
0115.GJ1176	90	08:30	13:42:26.0	-01:41:10	300	89	3.0	#215 Grid of W	2	
0116.COMP	10	08:32	13:42:26.0	-01:41:10	300	89	3.0	0 Calibration	2	
0117.G1522	120	08:33	13:41:55.6	-00:07:44	300	89	3.0	#215 Grid of W	2	
0118.G1522	120	08:35	13:41:55.6	-00:07:44	300	89	3.0	#215 Grid of W	2	
0119.COMP	10	08:38	13:41:55.6	-00:07:44	300	89	3.0	0 Calibration	2	

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0120.sn2013aj	1800	08:40	13:54:00.7	-07:55:44	300	89	3.0	#2 SN Observat	2	
0121.COMP	10	09:11	13:54:00.7	-07:55:44	300	90	3.0	0 Calibration	2	
0122.sncss1304	1800	09:14	15:02:13.1	+10:38:46	300	90	3.0	#2 SN Observat	2	
0123.COMP	10	09:44	15:02:13.1	+10:38:46	300	90	3.0	0 Calibration	2	
0124.sncss1304	1800	09:45	15:02:13.1	+10:38:46	300	90	3.0	#2 SN Observat	2	
0125.COMP	10	10:16	15:02:13.1	+10:38:46	300	90	3.0	0 Calibration	2	
0126.BDp262606	60	10:17	14:49:02.4	+25:42:09	300	90	3.0	#56 Spectropho	2	
0127.BDp262606	60	10:18	14:49:02.4	+25:42:09	300	90	3.0	#56 Spectropho	2	
0128.COMP	10	10:20	14:49:02.4	+25:42:09	300	90	3.0	0 Calibration	2	
0129.BDp332642	120	10:21	15:51:59.9	+32:56:54	300	90	3.0	#56 Spectropho	2	
0130.COMP	10	10:23	15:51:59.9	+32:56:54	300	90	3.0	0 Calibration	2	
0131.snlsq13vy	1800	10:27	16:06:55.9	+03:00:15	300	90	3.0	#2 SN Observat	2	
0132.COMP	10	10:57	16:06:55.9	+03:00:15	300	90	3.0	0 Calibration	2	
0133.snlsq13vy	1800	10:58	16:06:55.9	+03:00:15	300	90	3.0	#2 SN Observat	2	
0134.COMP	10	11:28	16:06:55.9	+03:00:15	300	90	3.0	0 Calibration	2	
0135.GJ579	239	11:30	15:07:23.5	+24:56:07	300	90	3.0	#215 Grid of W	2	
0136.COMP	10	11:34	15:07:23.5	+24:56:07	300	90	3.0	0 Calibration	2	
0137.G1638	30	11:37	16:45:06.3	+33:30:33	300	90	3.0	#215 Grid of W	2	
0138.G1638	30	11:38	16:45:06.3	+33:30:33	300	90	3.0	#215 Grid of W	2	
0139.COMP	10	11:39	16:45:06.3	+33:30:33	300	90	3.0	0 Calibration	2	

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0140.G1639	45	11:40	16:48:35.5	+37:00:48	300	90	3.0	#215 Grid of W	2	
0141.G1639	45	11:41	16:48:35.5	+37:00:48	300	90	3.0	#215 Grid of W	2	
0142.COMP	10	11:42	16:48:35.5	+37:00:48	300	90	3.0	0 Calibration	2	
0143.AGDra	30	11:44	16:01:41.0	+66:48:10	300	90	3.0	#12 Symbiotic	2	
0144.AGDra	90	11:45	16:01:41.0	+66:48:10	300	90	3.0	#12 Symbiotic	2	
0145.AGDra	120	11:47	16:01:41.0	+66:48:10	300	90	3.0	#12 Symbiotic	2	
0146.COMP	10	11:49	16:01:41.0	+66:48:10	300	90	3.0	0 Calibration	2	
0147.G1687	60	11:53	17:36:25.9	+68:20:20	300	90	3.0	#215 Grid of W	2	
0148.G1687	60	11:54	17:36:25.9	+68:20:20	300	90	3.0	#215 Grid of W	2	
0149.COMP	10	11:55	17:36:25.9	+68:20:20	300	90	3.0	0 Calibration	2	
0150.GJ9592	90	11:58	17:30:22.7	+05:32:54	300	90	3.0	#215 Grid of W	2	
0151.GJ9592	90	12:00	17:30:22.7	+05:32:54	300	90	3.0	#215 Grid of W	2	
0152.COMP	10	12:01	17:30:22.7	+05:32:54	300	90	3.0	0 Calibration	2	
0153.G1740	90	12:03	18:58:00.1	+05:54:29	300	90	3.0	#215 Grid of W	2	
0154.G1740	90	12:04	18:58:00.1	+05:54:29	300	90	3.0	#215 Grid of W	2	
0155.COMP	10	12:07	18:58:00.1	+05:54:29	300	90	3.0	0 Calibration	2	
0156.G1718	60	12:08	18:33:17.7	+22:18:51	300	90	3.0	#215 Grid of W	2	
0157.G1718	60	12:09	18:33:17.7	+22:18:51	300	90	3.0	#215 Grid of W	2	
0158.COMP	10	12:10	18:33:17.7	+22:18:51	300	90	3.0	0 Calibration	2	
0159-0168.BIAS	0	12:16	18:33:17.7	+22:18:51	300	90	3.0	0 Calibration	2	

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0169-0183.FLAT	7	12:21	18:33:17.7	+22:18:51	300	90	3.0	0 Calibration	2	
0184-0193.DARK	900	14:46	18:33:17.7	+22:18:51	300	90	3.0	0 Calibration	2	