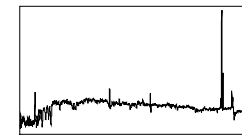


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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001-0010.BIAS	0	00:37	01:30:00.0	+32:00:00	300	90	3.0	0 Calibration	2	
0011-0015.BIAS	0	00:42	19:20:00.0	+32:00:00	1200	90	2.0	0 Calibration	2	
0016.test	10	00:45	19:20:00.0	+32:00:00	1200	90	2.0	#176 Be/X-ray	2	
0017.FLAT	15	00:46	19:20:00.0	+32:00:00	1200	90	2.0	0 Calibration	2	1200-line, 2-sec, gg495, red
0018-0031.FLAT	15	00:52	19:20:00.0	+32:00:00	1200	90	2.0	0 Calibration	2	
0032.BDp174708	120	01:28	22:11:31.5	+18:05:34	1200	90	2.0	#176 Be/X-ray	2	
0033.COMP	10	01:30	22:11:31.5	+18:05:34	1200	90	2.0	0 Calibration	2	
0034.4U1907p09	1500	01:32	19:09:38.0	+09:49:47	1200	90	2.0	#176 Be/X-ray	2	
0035.COMP	10	01:58	19:09:38.0	+09:49:47	1200	90	2.0	0 Calibration	2	
0036.XTEJ1946p274	1800	01:59	19:45:39.3	+27:21:55	1200	90	2.0	#176 Be/X-ray	2	
0037.COMP	10	02:30	19:45:39.3	+27:21:55	1200	90	2.0	0 Calibration	2	
0038.KS1947p300	1500	02:31	19:49:35.5	+30:12:32	1200	90	2.0	#176 Be/X-ray	2	
0039.COMP	10	02:56	19:49:35.5	+30:12:32	1200	89	2.0	0 Calibration	2	
0040.GROJ2058p42	1500	02:58	20:58:47.5	+41:46:37	1200	89	2.0	#176 Be/X-ray	2	
0041.COMP	10	03:23	20:58:47.5	+41:46:37	1200	90	2.0	0 Calibration	2	
0042.IGRJ2134.2p4738	1200	03:25	21:34:20.4	+47:38:00	1200	89	2.0	#176 Be/X-ray	2	
0043.COMP	10	03:46	21:34:20.4	+47:38:00	1200	89	2.0	0 Calibration	2	
0044.4U2204p543	120	03:47	22:07:57.0	+54:31:06	1200	89	2.0	#176 Be/X-ray	2	
0045.COMP	10	03:49	22:07:57.0	+54:31:06	1200	89	2.0	0 Calibration	2	
0046.RXJ01469p6121	300	03:51	01:47:00.0	+61:21:23	1200	89	2.0	#176 Be/X-ray	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0047.COMP	10	03:57	01:47:00.0	+61:21:23	1200	90	2.0	0 Calibration	2	
0048.LSIp61303	90	03:58	02:40:31.6	+61:13:46	1200	90	2.0	#176 Be/X-ray	2	
0049.COMP	10	04:00	02:40:31.6	+61:13:46	1200	90	2.0	0 Calibration	2	
0050.V0332p53	1500	04:01	03:34:59.8	+53:10:24	1200	90	2.0	#176 Be/X-ray	2	
0051.COMP	10	04:27	03:34:59.8	+53:10:24	1200	90	2.0	0 Calibration	2	
0052.XPer	4	04:29	03:55:23.0	+31:02:45	1200	90	2.0	#176 Be/X-ray	2	
0053.XPer	4	04:29	03:55:23.0	+31:02:45	1200	90	2.0	#176 Be/X-ray	2	
0054.COMP	10	04:30	03:55:23.0	+31:02:45	1200	90	2.0	0 Calibration	2	
0055.HD19445	30	04:31	03:08:26.3	+26:20:29	1200	90	2.0	#176 Be/X-ray	2	
0056.COMP	10	04:32	03:08:26.3	+26:20:29	1200	90	2.0	0 Calibration	2	
0057.test	10	04:35	02:00:00.0	+32:00:00	300	90	3.0	#176 Be/X-ray	2	
0058.225m280	360	04:37	00:44:29.8	+41:21:25	300	90	3.0	#57 Velocity S	2	300-line, 3-sec
0059.COMP	10	04:44	00:44:29.8	+41:21:25	300	89	3.0	0 Calibration	2	
0060.psn2317	1800	04:46	23:17:37.0	+14:00:09	300	89	3.0	#2 SN Observat	2	
0061.COMP	10	05:16	23:17:37.0	+14:00:09	300	90	3.0	0 Calibration	2	
0062.dC012321m0045	1800	05:19	01:23:21.1	-00:45:50	300	90	3.0	#99 Director	2	
0063.COMP	10	05:49	01:23:21.1	-00:45:50	300	90	3.0	0 Calibration	2	
0064.dC013007p0026	1800	05:51	01:30:07.1	+00:26:35	300	76	3.0	#99 Director	2	
0065.COMP	10	06:21	01:30:07.1	+00:26:35	300	75	3.0	0 Calibration	2	
0066.03432662+1221331	600	06:25	03:43:26.6	+12:21:33	300	89	3.0	#141 2Mass Red	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0067.COMP	10	06:35	03:43:26.6	+12:21:33	300	89	3.0	0 Calibration	2	
0068.03432972+1538181	600	06:37	03:43:29.7	+15:38:18	300	99	3.0	#141 2Mass Red	2	
0069.COMP	10	06:47	03:43:29.7	+15:38:18	300	100	3.0	0 Calibration	2	
0070.03563152+1817111	360	06:48	03:56:31.5	+18:17:11	300	91	3.0	#141 2Mass Red	2	
0071.COMP	10	06:55	03:56:31.5	+18:17:11	300	90	3.0	0 Calibration	2	
0072.HD19445	15	06:57	03:08:25.6	+26:19:51	300	90	3.0	#56 Spectropho	2	
0073.COMP	10	06:57	03:08:25.6	+26:19:51	300	90	3.0	0 Calibration	2	
0074.sn2012fr	900	07:00	03:33:36.0	-36:07:38	300	90	3.0	#2 SN Observat	2	
0075.COMP	10	07:16	03:33:36.0	-36:07:38	300	90	3.0	0 Calibration	2	
0076.04033382+0103402	900	07:18	04:03:33.8	+01:03:40	300	90	3.0	#141 2Mass Red	2	
0077.COMP	10	07:34	04:03:33.8	+01:03:40	300	90	3.0	0 Calibration	2	
0078.04040597+1317031	720	07:35	04:04:06.0	+13:17:03	300	90	3.0	#141 2Mass Red	2	
0079.COMP	10	07:48	04:04:06.0	+13:17:03	300	90	3.0	0 Calibration	2	
0080.04084243+1642539	1200	07:49	04:08:42.4	+16:42:54	300	90	3.0	#141 2Mass Red	2	
0081.COMP	10	08:09	04:08:42.4	+16:42:54	300	90	3.0	0 Calibration	2	
0082.ls12fxd	1800	08:33	05:22:17.0	-25:35:47	300	90	3.0	#2 SN Observat	2	
0083.COMP	10	09:03	05:22:17.0	-25:35:47	300	90	3.0	0 Calibration	2	
0084.G191B2B	300	09:06	05:05:30.6	+52:49:52	300	90	3.0	#56 Spectropho	2	
0085.COMP	10	09:12	05:05:30.6	+52:49:52	300	90	3.0	0 Calibration	2	
0086-0095.FLAT	8	09:16	06:30:00.0	+32:00:00	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
0096.COMP	10	09:21	08:23:30.4	+08:17:03	600	90	1.5	0 Calibration	4	
0097.bcand416	1200	09:21	08:23:30.4	+08:17:03	600	90	1.5	#178 Low Mass	4	600-line, 1.5-sec, blue
0098.COMP	10	09:42	08:23:30.4	+08:17:03	600	90	1.5	0 Calibration	4	
0099.bcand416	1200	09:43	08:23:30.4	+08:17:03	600	89	1.5	#178 Low Mass	4	
0100.COMP	10	10:03	08:23:30.4	+08:17:03	600	89	1.5	0 Calibration	4	
0101.bcand416	1200	10:04	08:23:30.4	+08:17:03	600	90	1.5	#178 Low Mass	4	
0102.COMP	10	10:24	08:23:30.4	+08:17:03	600	90	1.5	0 Calibration	4	
0103.bcand416	1200	10:25	08:23:30.4	+08:17:03	600	89	1.5	#178 Low Mass	4	
0104.COMP	10	10:45	08:23:30.4	+08:17:03	600	90	1.5	0 Calibration	4	
0105.bcand416	1200	10:46	08:23:30.4	+08:17:03	600	90	1.5	#178 Low Mass	4	
0106.COMP	10	11:07	08:23:30.4	+08:17:03	600	88	1.5	0 Calibration	4	
0107.bcand416	1200	11:07	08:23:30.4	+08:17:03	600	90	1.5	#178 Low Mass	4	
0108.COMP	10	11:28	08:23:30.4	+08:17:03	600	90	1.5	0 Calibration	4	
0109.bcand416	1200	11:28	08:23:30.4	+08:17:03	600	90	1.5	#178 Low Mass	4	
0110.COMP	10	11:49	08:23:30.4	+08:17:03	600	90	1.5	0 Calibration	4	
0111.bcand416	1200	11:50	08:23:30.4	+08:17:03	600	90	1.5	#178 Low Mass	4	
0112.COMP	10	12:10	08:23:30.4	+08:17:03	600	90	1.5	0 Calibration	4	
0113.bcand416	1200	12:11	08:23:30.4	+08:17:03	600	90	1.5	#178 Low Mass	4	
0114.COMP	10	12:31	08:23:30.4	+08:17:03	600	90	1.5	0 Calibration	4	
0115-0124.FLAT	12	12:35	08:23:30.4	+08:17:03	600	90	1.5	0 Calibration	4	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0125.Feige34	120	12:37	10:39:36.7	+43:06:09	600	90	1.5	#178 Low Mass	4	
0126.COMP	10	12:39	10:39:36.7	+43:06:09	600	90	1.5	0 Calibration	4	
0128.Feige34	120	12:45	10:39:36.7	+43:06:09	300	90	5.0	#56 Spectropho	2	300-line, 5-sec
0129.Feige34	120	12:47	10:39:36.7	+43:06:09	300	90	5.0	#56 Spectropho	2	
0130.Feige34	120	12:49	10:39:36.7	+43:06:09	300	90	5.0	#56 Spectropho	2	
0131.Feige34	120	12:55	10:39:36.7	+43:06:09	300	89	5.0	#56 Spectropho	2	
0132.Feige34	120	12:58	10:39:36.7	+43:06:09	300	87	5.0	#56 Spectropho	2	
0133.Feige34	120	13:00	10:39:36.7	+43:06:09	300	87	5.0	#56 Spectropho	2	a few clouds moving in
0134.COMP	5	13:02	10:39:36.7	+43:06:09	300	87	5.0	0 Calibration	2	
0136-0145.FLAT	4	13:07	10:39:36.7	+43:06:09	300	86	5.0	0 Calibration	2	
0146.BIAS	0	13:10	10:39:36.7	+43:06:09	300	86	3.0	0 Calibration	2	
0147.BIAS	0	13:10	10:39:36.7	+43:06:09	300	86	3.0	0 Calibration	2	end of FAST run
0148-0150.BIAS	0	13:11	10:39:36.7	+43:06:09	300	86	3.0	0 Calibration	2	
0151-0160.BIAS	0	13:14	10:39:36.7	+43:06:09	300	86	3.0	0 Calibration	4	