

UT Date 2013-09-01 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	22:38	14:38:15.8	+27:29:33	300	90	3.0	0 Calibration	2	
0002.COMP	10	22:38	14:38:15.8	+27:29:33	300	90	3.0	0 Calibration	2	
0003.BIAS	0	22:52	14:38:15.8	+27:29:33	300	90	3.0	0 Calibration	2	start of FAST run
0004.BIAS	0	22:52	14:38:15.8	+27:29:33	300	90	3.0	0 Calibration	2	
0005.BIAS	0	22:52	14:38:15.8	+27:29:33	300	90	3.0	0 Calibration	2	ADC is not working
0006-0012.BIAS	0	22:53	14:38:15.8	+27:29:33	300	90	3.0	0 Calibration	2	
0013-0027.FLAT	7	22:59	14:38:15.8	+27:29:33	300	90	3.0	0 Calibration	2	
0028-0032.DARK	1200	00:55	14:38:15.8	+27:29:33	300	90	3.0	0 Calibration	2	
0033.test	1	02:17	15:42:44.6	+26:17:44	300	90	3.0	#57 Velocity S	2	
0034.bluestar	1	02:18	15:42:44.6	+26:17:44	300	90	3.0	#57 Velocity S	2	
0035.bluestar	1	02:18	15:42:44.6	+26:17:44	300	90	3.0	#57 Velocity S	2	
0036.bluestar.adcoff	1	02:24	15:42:44.6	+26:17:44	300	90	3.0	#57 Velocity S	2	
0037.bluestar.adcoff	1	02:25	15:42:44.6	+26:17:44	300	90	3.0	#57 Velocity S	2	
0038.COMP	10	02:26	15:42:44.6	+26:17:44	300	90	3.0	0 Calibration	2	
0039.BDp262606	60	02:29	14:49:02.4	+25:42:09	300	90	3.0	#56 Spectropho	2	
0040.BDp262606	60	02:30	14:49:02.4	+25:42:09	300	90	3.0	#56 Spectropho	2	
0041.BDp262606	60	02:32	14:49:02.4	+25:42:09	300	90	3.0	#56 Spectropho	2	
0042.COMP	10	02:33	14:49:02.4	+25:42:09	300	90	3.0	0 Calibration	2	
0043.BDp332642	120	02:35	15:51:59.9	+32:56:54	300	90	3.0	#56 Spectropho	2	
0044.BDp332642	120	02:37	15:51:59.9	+32:56:54	300	90	3.0	#56 Spectropho	2	

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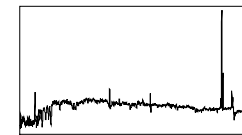
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0045.BDp332642	120	02:39	15:51:59.9	+32:56:54	300	90	3.0	#56 Spectropho	2	
0046.COMP	10	02:42	15:51:59.9	+32:56:54	300	90	3.0	0 Calibration	2	
0047.TCrB	15	02:45	15:59:30.0	+25:55:12	300	90	3.0	#12 Symbiotic	2	
0048.TCrB	60	02:45	15:59:30.0	+25:55:12	300	90	3.0	#12 Symbiotic	2	
0049.TCrB	120	02:47	15:59:30.0	+25:55:12	300	90	3.0	#12 Symbiotic	2	
0050.COMP	10	02:49	15:59:30.0	+25:55:12	300	90	3.0	0 Calibration	2	
0051.AGDra	5	02:52	16:01:41.0	+66:48:10	300	90	3.0	#12 Symbiotic	2	
0052.AGDra	10	02:52	16:01:41.0	+66:48:10	300	90	3.0	#12 Symbiotic	2	
0053.AGDra	60	02:53	16:01:41.0	+66:48:10	300	90	3.0	#12 Symbiotic	2	
0054.COMP	10	02:55	16:01:41.0	+66:48:10	300	90	3.0	0 Calibration	2	
0055.N5866	180	02:57	15:06:29.5	+55:45:48	300	90	3.0	#57 Velocity S	2	
0056.COMP	10	03:02	15:06:29.5	+55:45:48	300	90	3.0	0 Calibration	2	
0057.AS296	30	03:10	18:15:07.0	-00:18:52	300	0	3.0	#12 Symbiotic	2	
0058.AS296	120	03:11	18:15:07.0	-00:18:52	300	0	3.0	#12 Symbiotic	2	
0059.AS296	10	03:13	18:15:07.0	-00:18:52	300	0	3.0	#12 Symbiotic	2	
0060.COMP	10	03:14	18:15:07.0	-00:18:52	300	1	3.0	0 Calibration	2	
0061.AS289	20	03:15	18:12:22.0	-11:40:08	300	1	3.0	#12 Symbiotic	2	
0062.AS289	60	03:16	18:12:22.0	-11:40:08	300	1	3.0	#12 Symbiotic	2	
0063.AS289	480	03:17	18:12:22.0	-11:40:08	300	1	3.0	#12 Symbiotic	2	
0064.COMP	10	03:26	18:12:22.0	-11:40:08	300	1	3.0	0 Calibration	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0065.DASCH_J1847-1845	10	03:27	18:47:33.4	-18:45:15	300	1	3.0	#192 DASCH Lon	2	
0066.DASCH_J1847-1845	30	03:28	18:47:33.4	-18:45:15	300	1	3.0	#192 DASCH Lon	2	
0067.DASCH_J1847-1845	30	03:28	18:47:33.4	-18:45:15	300	1	3.0	#192 DASCH Lon	2	
0068.DASCH_J1847-1845	30	03:29	18:47:33.4	-18:45:15	300	1	3.0	#192 DASCH Lon	2	
0069.COMP	10	03:30	18:47:33.4	-18:45:15	300	1	3.0	0 Calibration	2	
0070.AS316	45	03:32	18:42:33.0	-21:17:47	300	1	3.0	#12 Symbiotic	2	
0071.AS316	330	03:33	18:42:33.0	-21:17:47	300	1	3.0	#12 Symbiotic	2	
0072.COMP	10	03:39	18:42:33.0	-21:17:47	300	1	3.0	0 Calibration	2	
0073.AS327	35	03:40	18:53:17.0	-24:22:59	300	1	3.0	#12 Symbiotic	2	
0074.AS327	330	03:42	18:53:17.0	-24:22:59	300	1	3.0	#12 Symbiotic	2	
0075.COMP	10	03:48	18:53:17.0	-24:22:59	300	0	3.0	0 Calibration	2	
0076.V919Sgr	84	03:50	19:03:45.0	-16:59:56	300	0	3.0	#12 Symbiotic	2	
0077.V919Sgr	30	03:52	19:03:45.0	-16:59:56	300	0	3.0	#12 Symbiotic	2	
0078.V919Sgr	120	03:52	19:03:45.0	-16:59:56	300	0	3.0	#12 Symbiotic	2	
0079.COMP	10	03:55	19:03:45.0	-16:59:56	300	0	3.0	0 Calibration	2	
0080.YYHer	15	03:58	18:14:34.0	+20:59:19	300	50	3.0	#12 Symbiotic	2	
0081.YYHer	60	03:58	18:14:34.0	+20:59:19	300	50	3.0	#12 Symbiotic	2	
0082.YYHer	300	04:00	18:14:34.0	+20:59:19	300	50	3.0	#12 Symbiotic	2	
0083.COMP	10	04:06	18:14:34.0	+20:59:19	300	49	3.0	0 Calibration	2	
0084.V443Her	10	04:07	18:22:07.0	+23:27:20	300	49	3.0	#12 Symbiotic	2	

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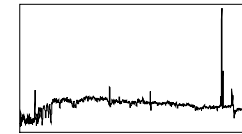
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0085.V443Her	90	04:08	18:22:07.0	+23:27:20	300	49	3.0	#12 Symbiotic	2	
0086.V443Her	120	04:10	18:22:07.0	+23:27:20	300	49	3.0	#12 Symbiotic	2	
0087.COMP	10	04:12	18:22:07.0	+23:27:20	300	49	3.0	0 Calibration	2	
0088.AS338	90	04:14	19:03:47.0	+16:26:17	300	90	3.0	#12 Symbiotic	2	
0089.AS338	45	04:16	19:03:47.0	+16:26:17	300	90	3.0	#12 Symbiotic	2	
0090.AS338	180	04:17	19:03:47.0	+16:26:17	300	90	3.0	#12 Symbiotic	2	
0091.COMP	10	04:22	19:03:47.0	+16:26:17	300	90	3.0	0 Calibration	2	
0092.DASCH_J1924+2621	30	04:23	19:24:33.1	+26:21:44	300	90	3.0	#192 DASCH Lon	2	
0093.DASCH_J1924+2621	60	04:24	19:24:33.1	+26:21:44	300	90	3.0	#192 DASCH Lon	2	
0094.DASCH_J1924+2621	60	04:25	19:24:33.1	+26:21:44	300	90	3.0	#192 DASCH Lon	2	
0095.DASCH_J1924+2621	60	04:27	19:24:33.1	+26:21:44	300	90	3.0	#192 DASCH Lon	2	
0096.COMP	10	04:28	19:24:33.1	+26:21:44	300	90	3.0	0 Calibration	2	
0097.BFCyg	20	04:29	19:23:53.0	+29:40:27	300	90	3.0	#12 Symbiotic	2	
0098.BFCyg	10	04:30	19:23:53.0	+29:40:27	300	90	3.0	#12 Symbiotic	2	
0099.BFCyg	40	04:30	19:23:53.0	+29:40:27	300	90	3.0	#12 Symbiotic	2	
0100.COMP	10	04:31	19:23:53.0	+29:40:27	300	90	3.0	0 Calibration	2	
0101.CICyg	5	04:33	19:50:12.0	+35:41:02	300	90	3.0	#12 Symbiotic	2	
0102.CICyg	15	04:33	19:50:12.0	+35:41:02	300	90	3.0	#12 Symbiotic	2	
0103.CICyg	60	04:34	19:50:12.0	+35:41:02	300	90	3.0	#12 Symbiotic	2	
0104.CICyg	75	04:36	19:50:12.0	+35:41:02	300	90	3.0	#12 Symbiotic	2	

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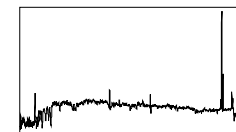
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0105.COMP	10	04:37	19:50:12.0	+35:41:02	300	90	3.0	0 Calibration	2	
0106.CHCyg	5	04:39	19:24:33.0	+50:14:30	300	90	3.0	#12 Symbiotic	2	
0107.CHCyg	2	04:39	19:24:33.0	+50:14:30	300	90	3.0	#12 Symbiotic	2	
0108.CHCyg	12	04:40	19:24:33.0	+50:14:30	300	90	3.0	#12 Symbiotic	2	
0109.COMP	10	04:40	19:24:33.0	+50:14:30	300	90	3.0	0 Calibration	2	
0110.DASCH_J1822+4434	180	04:41	18:22:47.1	+44:34:43	300	90	3.0	#192 DASCH Lon	2	
0111.DASCH_J1822+4434	360	04:45	18:22:47.1	+44:34:43	300	90	3.0	#192 DASCH Lon	2	
0112.COMP	10	04:51	18:22:47.1	+44:34:43	300	89	3.0	0 Calibration	2	
0113.DASCH_J1837+4451	180	04:52	18:37:13.4	+44:51:38	300	89	3.0	#192 DASCH Lon	2	
0114.DASCH_J1837+4451	360	04:56	18:37:13.4	+44:51:38	300	89	3.0	#192 DASCH Lon	2	
0115.COMP	10	05:02	18:37:13.4	+44:51:38	300	89	3.0	0 Calibration	2	
0116.K4644922	120	05:03	19:15:12.1	+39:42:50	300	89	3.0	#192 DASCH Lon	2	
0117.K4644922	240	05:06	19:15:12.1	+39:42:50	300	89	3.0	#192 DASCH Lon	2	
0118.COMP	10	05:10	19:15:12.1	+39:42:50	300	89	3.0	0 Calibration	2	
0119.DASCH_J1943+4140	180	05:12	19:43:28.7	+41:40:07	300	88	3.0	#192 DASCH Lon	2	
0120.DASCH_J1943+4140	240	05:15	19:43:28.7	+41:40:07	300	88	3.0	#192 DASCH Lon	2	
0121.COMP	10	05:20	19:43:28.7	+41:40:07	300	89	3.0	0 Calibration	2	
0122.DASCH_J2021+3218	15	05:22	20:21:33.1	+32:18:51	300	89	3.0	#192 DASCH Lon	2	
0123.DASCH_J2021+3218	15	05:22	20:21:33.1	+32:18:51	300	89	3.0	#192 DASCH Lon	2	
0124.DASCH_J2021+3218	15	05:23	20:21:33.1	+32:18:51	300	89	3.0	#192 DASCH Lon	2	

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0125.COMP	10	05:23	20:21:33.1	+32:18:51	300	89	3.0	0 Calibration	2	
0126.AS360	120	05:25	19:45:49.0	+18:36:49	300	89	3.0	#12 Symbiotic	2	
0127.AS360	720	05:28	19:45:49.0	+18:36:49	300	89	3.0	#12 Symbiotic	2	
0128.COMP	10	05:40	19:45:49.0	+18:36:49	300	90	3.0	0 Calibration	2	
0129.PUVu1	10	05:41	20:21:13.0	+21:34:21	300	90	3.0	#12 Symbiotic	2	
0130.PUVu1	3	05:42	20:21:13.0	+21:34:21	300	90	3.0	#12 Symbiotic	2	
0131.PUVu1	60	05:42	20:21:13.0	+21:34:21	300	90	3.0	#12 Symbiotic	2	
0132.PUVu1	315	05:44	20:21:13.0	+21:34:21	300	90	3.0	#12 Symbiotic	2	
0133.COMP	10	05:49	20:21:13.0	+21:34:21	300	90	3.0	0 Calibration	2	
0134.DASCH_J2036+0223	120	05:51	20:36:36.4	+02:23:49	300	90	3.0	#192 DASCH Lon	2	
0135.DASCH_J2036+0223	90	05:53	20:36:36.4	+02:23:49	300	90	3.0	#192 DASCH Lon	2	
0136.COMP	10	05:55	20:36:36.4	+02:23:49	300	90	3.0	0 Calibration	2	
0137.DASCH_J2123+4115	30	05:57	21:23:26.5	+41:15:59	300	90	3.0	#192 DASCH Lon	2	
0138.DASCH_J2123+4115	30	05:58	21:23:26.5	+41:15:59	300	90	3.0	#192 DASCH Lon	2	
0139.DASCH_J2123+4115	30	05:59	21:23:26.5	+41:15:59	300	90	3.0	#192 DASCH Lon	2	
0140.COMP	10	06:00	21:23:26.5	+41:15:59	300	90	3.0	0 Calibration	2	
0141.BDp284211	100	06:01	21:51:11.0	+28:51:50	300	90	3.0	#56 Spectropho	2	
0142.BDp284211	100	06:03	21:51:11.0	+28:51:50	300	90	3.0	#56 Spectropho	2	
0143.COMP	10	06:05	21:51:11.0	+28:51:50	300	90	3.0	0 Calibration	2	
0144.sn2013dy	1800	06:07	22:18:17.6	+40:34:10	300	90	3.0	#2 SN Observat	2	

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0145.COMP	10	06:38	22:18:17.6	+40:34:10	300	89	3.0	0 Calibration	2	
0146.BDp174708	90	06:40	22:11:31.4	+18:05:34	300	89	3.0	#56 Spectropho	2	
0147.BDp174708	90	06:42	22:11:31.4	+18:05:34	300	89	3.0	#56 Spectropho	2	
0148.BDp174708	90	06:45	22:11:31.4	+18:05:34	300	89	3.0	#56 Spectropho	2	
0149.COMP	10	06:47	22:11:31.4	+18:05:34	300	89	3.0	0 Calibration	2	
0150.back69	1500	06:49	22:15:22.6	-08:14:14	300	89	3.0	#216 Local Com	2	
0151.COMP	10	07:15	22:15:22.6	-08:14:14	300	89	3.0	0 Calibration	2	
0152.back53	1500	07:16	22:15:28.6	-08:19:44	300	90	3.0	#216 Local Com	2	
0153.COMP	10	07:41	22:15:28.6	-08:19:44	300	90	3.0	0 Calibration	2	
0154.A01665.1	600	07:43	22:40:29.0	+00:16:47	300	90	3.0	#216 Local Com	2	
0155.COMP	10	07:54	22:40:29.0	+00:16:47	300	89	3.0	0 Calibration	2	
0156.back66	1800	07:56	23:02:00.8	+14:01:50	300	89	3.0	#216 Local Com	2	
0157.COMP	10	08:26	23:02:00.8	+14:01:50	300	90	3.0	0 Calibration	2	
0158.RAqr	5	08:30	23:43:49.0	-15:17:05	300	0	3.0	#12 Symbiotic	2	
0159.RAqr	5	08:30	23:43:49.0	-15:17:05	300	0	3.0	#12 Symbiotic	2	
0160.RAqr	15	08:31	23:43:49.0	-15:17:05	300	0	3.0	#12 Symbiotic	2	
0161.RAqr	30	08:32	23:43:49.0	-15:17:05	300	0	3.0	#12 Symbiotic	2	
0162.COMP	10	08:33	23:43:49.0	-15:17:05	300	0	3.0	0 Calibration	2	
0163.ZAnd	5	08:37	23:33:40.0	+48:49:06	300	90	3.0	#12 Symbiotic	2	
0164.ZAnd	2	08:38	23:33:40.0	+48:49:06	300	90	3.0	#12 Symbiotic	2	

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0165.ZAnd	15	08:38	23:33:40.0	+48:49:06	300	90	3.0	#12 Symbiotic	2	
0166.ZAnd	30	08:38	23:33:40.0	+48:49:06	300	90	3.0	#12 Symbiotic	2	
0167.COMP	10	08:39	23:33:40.0	+48:49:06	300	90	3.0	0 Calibration	2	
0168.back31	1200	08:42	00:50:27.6	+15:56:12	300	90	3.0	#216 Local Com	2	
0169.COMP	10	09:02	00:50:27.6	+15:56:12	300	90	3.0	0 Calibration	2	
0170.sn2013fb	1800	09:05	02:22:42.1	+28:16:01	300	90	3.0	#2 SN Observat	2	
0171.COMP	10	09:36	02:22:42.1	+28:16:01	300	89	3.0	0 Calibration	2	
0172.back56	1500	09:38	01:18:33.7	+01:26:25	300	89	3.0	#216 Local Com	2	
0173.COMP	10	10:05	01:18:33.7	+01:26:25	300	89	3.0	0 Calibration	2	
0174.back29	1200	10:06	01:53:10.4	+14:28:18	300	89	3.0	#216 Local Com	2	
0175.COMP	5	10:27	01:53:10.4	+14:28:18	300	89	3.0	0 Calibration	2	
0176.back64	720	10:29	01:53:05.4	+13:54:38	300	89	3.0	#216 Local Com	2	
0177.COMP	10	10:41	01:53:05.4	+13:54:38	300	89	3.0	0 Calibration	2	
0178.back62	1200	10:43	01:52:51.7	+15:30:35	300	89	3.0	#216 Local Com	2	
0179.COMP	10	11:03	01:52:51.7	+15:30:35	300	89	3.0	0 Calibration	2	
0180.back44	900	11:04	01:54:19.1	+16:13:05	300	89	3.0	#216 Local Com	2	
0181.COMP	10	11:20	01:54:19.1	+16:13:05	300	88	3.0	0 Calibration	2	
0182.back51	900	11:21	01:57:05.1	+14:42:23	300	88	3.0	#216 Local Com	2	
0183.COMP	10	11:36	01:57:05.1	+14:42:23	300	89	3.0	0 Calibration	2	
0184.EGAnd	5	11:38	00:44:37.0	+40:40:47	300	89	3.0	#12 Symbiotic	2	



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<i>File</i>	<i>Exp Time</i>	<i>UT Start</i>	<i>RA</i>	<i>Dec</i>	<i>Gr.</i>	<i>P.A.</i>	<i>Slit</i>	<i>Program</i>	<i>Bin</i>	<i>Comments</i>
0185.EGAnd	5	11:38	00:44:37.0	+40:40:47	300	89	3.0	#12 Symbiotic	2	
0186.EGAnd	15	11:38	00:44:37.0	+40:40:47	300	89	3.0	#12 Symbiotic	2	
0187.COMP	10	11:39	00:44:37.0	+40:40:47	300	89	3.0	0 Calibration	2	
0188.AXPer	5	11:40	01:36:23.0	+54:15:03	300	89	3.0	#12 Symbiotic	2	
0189.AXPer	30	11:41	01:36:23.0	+54:15:03	300	89	3.0	#12 Symbiotic	2	
0190.AXPer	120	11:42	01:36:23.0	+54:15:03	300	89	3.0	#12 Symbiotic	2	
0191.COMP	10	11:44	01:36:23.0	+54:15:03	300	89	3.0	0 Calibration	2	
0192-0201.BIAS	0	11:48	01:36:23.0	+54:15:03	300	89	3.0	0 Calibration	2	
0202-0216.FLAT	7	11:54	01:36:23.0	+54:15:03	300	89	3.0	0 Calibration	2	
0217-0221.DARK	1200	13:25	01:36:23.0	+54:15:03	300	89	3.0	0 Calibration	2	