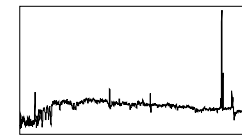


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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001-0005.DARK	900	23:18	15:00:17.6	+31:32:39	300	90	3.0	#2 SN Observat	2	
0006-0010.DARK	900	00:35	15:00:17.6	+31:32:39	300	90	3.0	#2 SN Observat	4	
0011-0020.BIAS	0	01:00	15:00:17.6	+31:32:39	300	90	3.0	#2 SN Observat	2	
0021-0035.FLAT	7	01:06	15:00:17.6	+31:32:39	300	90	3.0	#2 SN Observat	2	
0036-0040.sky	5	01:33	18:25:00.0	+32:00:00	300	90	3.0	#57 Velocity S	2	
0041.COMP	10	01:34	18:25:00.0	+32:00:00	300	90	3.0	#57 Velocity S	2	
0042.19114557+2949467	360	02:08	19:11:45.6	+29:49:47	300	90	3.0	#141 Mapping t	2	
0043.COMP	10	02:14	19:11:45.6	+29:49:47	300	90	3.0	#141 Mapping t	2	
0044.19113425+3103033	360	02:15	19:11:34.3	+31:03:03	300	90	3.0	#141 Mapping t	2	
0045.COMP	10	02:21	19:11:34.3	+31:03:03	300	90	3.0	#141 Mapping t	2	
0046.19093026+2649173	542	02:23	19:09:30.3	+26:49:17	300	90	3.0	#141 Mapping t	2	
0047.COMP	10	02:32	19:09:30.3	+26:49:17	300	90	3.0	#141 Mapping t	2	
0048.18145602+1901499	600	02:34	18:14:56.0	+19:01:50	300	90	3.0	#141 Mapping t	2	
0049.COMP	10	02:44	18:14:56.0	+19:01:50	300	90	3.0	#141 Mapping t	2	
0050.19194625+3331258	300	02:46	19:19:46.3	+33:31:26	300	100	3.0	#141 Mapping t	2	
0051.COMP	10	02:52	19:19:46.3	+33:31:26	300	100	3.0	#141 Mapping t	2	
0052.19225159+3226319	360	02:54	19:22:51.6	+32:26:32	300	86	3.0	#141 Mapping t	2	
0053.COMP	10	03:00	19:22:51.6	+32:26:32	300	86	3.0	#141 Mapping t	2	
0054.19260797+3306307	540	03:01	19:26:08.0	+33:06:31	300	86	3.0	#141 Mapping t	2	
0055.COMP	10	03:11	19:26:08.0	+33:06:31	300	86	3.0	#141 Mapping t	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0056.19223688+4513066	540	03:13	19:22:36.9	+45:13:07	300	90	3.0	#141 Mapping t	2	
0057.COMP	10	03:22	19:22:36.9	+45:13:07	300	90	3.0	#141 Mapping t	2	
0058.19224515+4414176	480	03:23	19:22:45.2	+44:14:18	300	90	3.0	#141 Mapping t	2	
0059.COMP	10	03:31	19:22:45.2	+44:14:18	300	90	3.0	#141 Mapping t	2	
0060.19261464+4351036	480	03:33	19:26:14.6	+43:51:04	300	90	3.0	#141 Mapping t	2	
0061.COMP	10	03:41	19:26:14.6	+43:51:04	300	90	3.0	#141 Mapping t	2	
0062.19264081+4123284	480	03:42	19:26:40.8	+41:23:28	300	90	3.0	#141 Mapping t	2	
0063.COMP	10	03:51	19:26:40.8	+41:23:28	300	90	3.0	#141 Mapping t	2	
0064.19271491+3952002	360	03:52	19:27:14.9	+39:52:00	300	90	3.0	#141 Mapping t	2	
0065.COMP	10	03:58	19:27:14.9	+39:52:00	300	90	3.0	#141 Mapping t	2	
0066.19284099+4323034	360	03:59	19:28:41.0	+43:23:03	300	90	3.0	#141 Mapping t	2	
0067.COMP	10	04:06	19:28:41.0	+43:23:03	300	90	3.0	#141 Mapping t	2	
0068.19292931+4608036	540	04:08	19:29:29.3	+46:08:04	300	7	3.0	#141 Mapping t	2	
0069.COMP	10	04:17	19:29:29.3	+46:08:04	300	7	3.0	#141 Mapping t	2	
0070.19294544+3613302	360	04:19	19:29:45.4	+36:13:30	300	0	3.0	#141 Mapping t	2	
0071.COMP	10	04:28	19:29:45.4	+36:13:30	300	0	3.0	#141 Mapping t	2	
0072.19331310+3348177	420	04:29	19:33:13.1	+33:48:18	300	0	3.0	#141 Mapping t	2	
0073.COMP	10	04:36	19:33:13.1	+33:48:18	300	0	3.0	#141 Mapping t	2	
0074.19432418+3956490	420	04:37	19:43:24.2	+39:56:49	300	0	3.0	#141 Mapping t	2	
0075.COMP	10	04:45	19:43:24.2	+39:56:49	300	0	3.0	#141 Mapping t	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0076.19424001+4219531	360	04:46	19:42:40.0	+42:19:53	300	0	3.0	#141 Mapping t	2	
0077.COMP	10	04:52	19:42:40.0	+42:19:53	300	0	3.0	#141 Mapping t	2	
0078.19424126+4250091	360	04:53	19:42:41.3	+42:50:09	300	0	3.0	#141 Mapping t	2	
0079.COMP	10	05:00	19:42:41.3	+42:50:09	300	0	3.0	#141 Mapping t	2	
0080.19431288+4241242	360	05:01	19:43:12.9	+42:41:24	300	0	3.0	#141 Mapping t	2	
0081.COMP	10	05:07	19:43:12.9	+42:41:24	300	0	3.0	#141 Mapping t	2	
0082.BDp284211	120	05:10	21:51:11.0	+28:51:50	300	45	3.0	#56 Spectropho	2	
0083.BDp284211	120	05:12	21:51:11.0	+28:51:50	300	89	3.0	#56 Spectropho	2	
0084.BDp284211	120	05:14	21:51:11.0	+28:51:50	300	89	3.0	#56 Spectropho	2	
0085.COMP	10	05:17	21:51:11.0	+28:51:50	300	89	3.0	#56 Spectropho	2	
0086.BDp174708	60	05:19	22:11:31.4	+18:05:34	300	89	3.0	#56 Spectropho	2	
0087.BDp174708	60	05:20	22:11:31.4	+18:05:34	300	89	3.0	#56 Spectropho	2	
0088.BDp174708	60	05:21	22:11:31.4	+18:05:34	300	89	3.0	#56 Spectropho	2	
0089.COMP	10	05:22	22:11:31.4	+18:05:34	300	89	3.0	#56 Spectropho	2	
0090.BDp284211	120	05:25	21:51:11.0	+28:51:50	300	89	5.0	#56 Spectropho	2	5-sec slit
0091.BDp284211	120	05:27	21:51:11.0	+28:51:50	300	89	5.0	#56 Spectropho	2	
0092.BDp284211	120	05:30	21:51:11.0	+28:51:50	300	89	5.0	#56 Spectropho	2	
0093.COMP	5	05:33	21:51:11.0	+28:51:50	300	89	5.0	#56 Spectropho	2	
0094.BDp174708	60	05:34	22:11:31.4	+18:05:34	300	89	5.0	#56 Spectropho	2	
0095.BDp174708	60	05:35	22:11:31.4	+18:05:34	300	89	5.0	#56 Spectropho	2	

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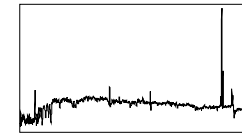
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0096.BDp174708	60	05:37	22:11:31.4	+18:05:34	300	89	5.0	#56 Spectropho	2	
0097.COMP	5	05:39	22:11:31.4	+18:05:34	300	89	5.0	#56 Spectropho	2	
0099-0108.FLAT	4	05:43	22:11:31.4	+18:05:34	300	89	5.0	#56 Spectropho	2	
0109.IPHASB_4142	900	05:48	22:31:30.1	+59:06:22	300	89	3.0	#157 IPHAS	2	3-sec slit
0110.COMP	10	06:04	22:31:30.1	+59:06:22	300	89	3.0	#157 IPHAS	2	
0111.IPHASB_4155	900	06:06	22:34:57.0	+58:25:04	300	89	3.0	#157 IPHAS	2	
0112.COMP	10	06:22	22:34:57.0	+58:25:04	300	89	3.0	#157 IPHAS	2	
0113.IPHASB_4166	600	06:23	22:37:01.4	+57:18:48	300	89	3.0	#157 IPHAS	2	
0114.COMP	10	06:33	22:37:01.4	+57:18:48	300	89	3.0	#157 IPHAS	2	
0115.IPHASB_4162	300	06:34	22:36:12.8	+58:41:55	300	89	3.0	#157 IPHAS	2	
0116.COMP	10	06:40	22:36:12.8	+58:41:55	300	89	3.0	#157 IPHAS	2	
0117.IPHASB_4163	300	06:41	22:36:25.7	+56:03:20	300	89	3.0	#157 IPHAS	2	
0118.COMP	10	06:46	22:36:25.7	+56:03:20	300	89	3.0	#157 IPHAS	2	
0119.IPHASB_4165	300	06:47	22:36:46.3	+55:28:28	300	89	3.0	#157 IPHAS	2	
0120.COMP	10	06:52	22:36:46.3	+55:28:28	300	89	3.0	#157 IPHAS	2	
0121.IPHASB_4366	600	06:54	23:19:35.6	+64:06:10	300	89	3.0	#157 IPHAS	2	
0122.COMP	10	07:04	23:19:35.6	+64:06:10	300	89	3.0	#157 IPHAS	2	
0123.IPHASB_4368	720	07:05	23:19:47.6	+59:24:43	300	89	3.0	#157 IPHAS	2	
0124.COMP	10	07:18	23:19:47.6	+59:24:43	300	89	3.0	#157 IPHAS	2	
0125.IPHASB_4387	900	07:19	23:24:18.5	+62:02:33	300	89	3.0	#157 IPHAS	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0126.COMP	10	07:34	23:24:18.5	+62:02:33	300	89	3.0	#157 IPHAS	2	
0127.IPHASB_4388	480	07:36	23:25:36.2	+65:32:14	300	89	3.0	#157 IPHAS	2	
0128.COMP	10	07:44	23:25:36.2	+65:32:14	300	89	3.0	#157 IPHAS	2	
0129.IPHASB_4389	300	07:45	23:26:30.3	+61:24:37	300	89	3.0	#157 IPHAS	2	
0130.COMP	10	07:50	23:26:30.3	+61:24:37	300	89	3.0	#157 IPHAS	2	
0131.IPHASB_4454	420	07:51	23:49:43.1	+63:36:03	300	89	3.0	#157 IPHAS	2	
0132.COMP	10	07:59	23:49:43.1	+63:36:03	300	89	3.0	#157 IPHAS	2	
0133.IPHASB_4455	300	08:00	23:49:46.8	+62:42:37	300	89	3.0	#157 IPHAS	2	
0134.COMP	10	08:05	23:49:46.8	+62:42:37	300	89	3.0	#157 IPHAS	2	
0135.IPHASB_4456	420	08:06	23:49:49.6	+63:25:26	300	89	3.0	#157 IPHAS	2	
0136.COMP	10	08:14	23:49:49.6	+63:25:26	300	89	3.0	#157 IPHAS	2	
0137.IPHASB_4457	360	08:15	23:50:18.0	+60:42:43	300	86	3.0	#157 IPHAS	2	
0138.COMP	10	08:21	23:50:18.0	+60:42:43	300	86	3.0	#157 IPHAS	2	
0139.IPHASB_4458	360	08:23	23:50:24.7	+64:13:08	300	86	3.0	#157 IPHAS	2	
0140.COMP	10	08:29	23:50:24.7	+64:13:08	300	86	3.0	#157 IPHAS	2	
0141.IPHASB_4460	360	08:31	23:50:46.7	+62:50:07	300	86	3.0	#157 IPHAS	2	
0142.COMP	10	08:37	23:50:46.7	+62:50:07	300	86	3.0	#157 IPHAS	2	
0143.IPHASB_4461	360	08:38	23:51:19.0	+59:11:19	300	80	3.0	#157 IPHAS	2	
0144.COMP	10	08:45	23:51:19.0	+59:11:19	300	80	3.0	#157 IPHAS	2	
0145.IPHASB_4452	720	08:46	23:48:42.3	+59:26:15	300	80	3.0	#157 IPHAS	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0146.COMP	10	08:58	23:48:42.3	+59:26:15	300	80	3.0	#157 IPHAS	2	
0147.sn2009iz	1800	09:01	02:42:15.4	+42:23:50	300	90	3.0	#2 SN Observat	2	
0148.COMP	10	09:31	02:42:15.4	+42:23:50	300	90	3.0	#2 SN Observat	2	
0149.sn2009ig	720	09:35	02:38:11.6	-01:18:45	300	1	3.0	#2 SN Observat	2	
0150.COMP	10	09:47	02:38:11.6	-01:18:45	300	1	3.0	#2 SN Observat	2	
0151.C031806.7+045254	900	09:49	03:18:06.7	+04:52:54	300	1	3.0	#188 Dwarf C S	2	
0152.COMP	10	10:04	03:18:06.7	+04:52:54	300	1	3.0	#188 Dwarf C S	2	
0153.C034140.7+071726	900	10:06	03:41:40.8	+07:17:26	300	1	3.0	#188 Dwarf C S	2	
0154.COMP	10	10:21	03:41:40.8	+07:17:26	300	1	3.0	#188 Dwarf C S	2	
0155.cvso-60424	300	10:22	05:16:59.4	-03:37:31	300	1	3.0	#112 Orion PMS	2	
0156.COMP	10	10:28	05:16:59.4	-03:37:31	300	1	3.0	#112 Orion PMS	2	
0157.cvso-28838W	210	10:29	05:18:46.0	+02:00:54	300	1	3.0	#112 Orion PMS	2	
0158.cvso-28838E	300	10:33	05:18:46.0	+02:00:54	300	1	3.0	#112 Orion PMS	2	
0159.COMP	10	10:38	05:18:46.0	+02:00:54	300	1	3.0	#112 Orion PMS	2	
0160.cvso-30198	300	10:39	05:19:57.2	+02:05:49	300	1	3.0	#112 Orion PMS	2	
0161.COMP	10	10:44	05:19:57.2	+02:05:49	300	1	3.0	#112 Orion PMS	2	
0162.cvso-30738	360	10:45	05:20:29.4	+02:01:26	300	1	3.0	#112 Orion PMS	2	
0163.COMP	10	10:52	05:20:29.4	+02:01:26	300	1	3.0	#112 Orion PMS	2	
0164.cvso-30935	420	10:52	05:20:40.8	+02:12:06	300	1	3.0	#112 Orion PMS	2	
0165.COMP	10	11:00	05:20:40.8	+02:12:06	300	1	3.0	#112 Orion PMS	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0166.cvso-32221	240	11:01	05:21:49.9	+02:04:48	300	1	3.0	#112 Orion PMS	2	
0167.COMP	10	11:05	05:21:49.9	+02:04:48	300	1	3.0	#112 Orion PMS	2	
0169.sn2009je	1800	11:11	05:28:40.1	+22:06:46	300	1	3.0	#2 SN Observat	2	
0170.COMP	10	11:42	05:28:40.1	+22:06:46	300	1	3.0	#2 SN Observat	2	
0171.cvso-32272	420	11:43	05:21:52.4	+02:13:32	300	1	3.0	#112 Orion PMS	2	
0172.COMP	10	11:51	05:21:52.4	+02:13:32	300	1	3.0	#112 Orion PMS	2	
0173.cvso-33850	480	11:52	05:23:20.8	+02:12:53	300	1	3.0	#112 Orion PMS	2	
0174.COMP	10	12:00	05:23:20.8	+02:12:53	300	1	3.0	#112 Orion PMS	2	
0175.cvso-34091	480	12:01	05:23:33.3	+02:07:50	300	1	3.0	#112 Orion PMS	2	
0176.COMP	10	12:09	05:23:33.3	+02:07:50	300	1	3.0	#112 Orion PMS	2	
0177.BGGem	300	12:11	06:03:31.0	+27:41:50	300	90	3.0	#12 Symbiotic	2	
0178.COMP	10	12:17	06:03:31.0	+27:41:50	300	90	3.0	#12 Symbiotic	2	
0179.HD52071	5	12:18	07:00:58.2	+27:09:27	300	90	3.0	#57 Velocity S	2	
0180.HD52071	5	12:19	07:00:58.2	+27:09:27	300	90	3.0	#57 Velocity S	2	
0181.HD52071	5	12:19	07:00:58.2	+27:09:27	300	90	3.0	#57 Velocity S	2	
0182.COMP	10	12:20	07:00:58.2	+27:09:27	300	90	3.0	#57 Velocity S	2	end of FAST run
0183-0192.BIAS	0	12:26	07:00:58.2	+27:09:27	300	90	3.0	#157 IPHAS	2	
0193-0207.FLAT	7	12:32	07:00:58.2	+27:09:27	300	90	3.0	#157 IPHAS	2	