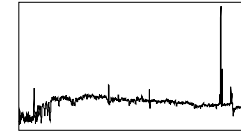
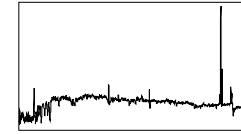
UT Date 2004-11-17 Observers W. BrownColl. Focus 1015 Grating/Grism 600

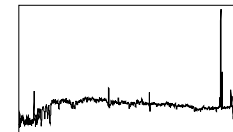
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0001.COMP	10	23:34	07:18:05.6	+16:32:25	600	90	2.0	#56 standards	4	Cloudy; focus test f=1000
0002.COMP	10	23:36	07:18:05.6	+16:32:25	600	90	2.0	#56 standards	4	f=1020
0003.COMP	10	23:38	07:18:05.6	+16:32:25	600	90	2.0	#56 standards	4	f=1040
0004.COMP	10	23:39	07:18:05.6	+16:32:25	600	90	2.0	#56 standards	4	f=1060
0005.COMP	10	23:40	07:18:05.6	+16:32:25	600	90	2.0	#56 standards	4	f=1080
0006.COMP	10	23:40	07:18:05.6	+16:32:25	600	90	2.0	#56 standards	4	f=1100
0007.COMP	10	23:41	07:18:05.6	+16:32:25	600	90	2.0	#56 standards	4	f=900
0008.COMP	10	23:42	07:18:05.6	+16:32:25	600	90	2.0	#56 standards	4	f=920
0009.COMP	10	23:43	07:18:05.6	+16:32:25	600	90	2.0	#56 standards	4	f=940
0010.COMP	10	23:43	07:18:05.6	+16:32:25	600	90	2.0	#56 standards	4	f=960
0011.COMP	10	23:44	07:18:05.6	+16:32:25	600	90	2.0	#56 standards	4	f=980; best foc=1015
0012.BIAS	0	23:50	07:18:05.6	+16:32:25	600	90	2.0	#56 standards	4	10 bias
0013-0021.BIAS	0	23:51	07:18:05.6	+16:32:25	600	90	2.0	#56 standards	4	
0022.DARK	600	23:52	07:18:05.6	+16:32:25	600	90	2.0	#56 standards	4	10 darks
0023-0031.DARK	600	1:24	07:18:05.6	+16:32:25	600	90	2.0	#56 standards	4	
0032.FLAT	24	1:34	07:18:05.6	+16:32:25	600	90	2.0	#56 standards	4	10 flats
0033-0041.FLAT	24	1:39	07:18:05.6	+16:32:25	600	90	2.0	#56 standards	4	
0042.BDp284211	120	1:46	21:48:57.1	28:37:48	600	90	2.0	#56 Spectropho	4	clouds clearing out
0057.COMP.ms	5	1:10	2:10:00	32:00:00	300	90	3.0	#57 Velocity S	1	
0058.hs3138	216	1:51	23:36:33.5	4:25:04	600	90	2.0	#122 Halo Star	4	qfast altered the running number!

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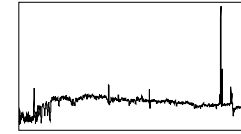
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0059.COMP	10	1:55	23:36:33.5	4:25:04	600	90	2.0	#122 Halo Star	4	
0060.BDp284211	120	1:56	21:48:57.1	28:37:48	600	90	2.0	#56 Spectropho	4	
0061.COMP	10	1:59	21:48:57.1	28:37:48	600	90	2.0	#56 Spectropho	4	
0062.hs3139	162	2:00	23:40:24.7	3:23:53	600	90	2.0	#122 Halo Star	4	
0063.COMP	10	2:03	23:40:24.7	3:23:53	600	90	2.0	#122 Halo Star	4	
0064.hs3140	330	2:04	23:42:50.8	3:46:27	600	90	2.0	#122 Halo Star	4	
0065.COMP	10	2:09	23:42:50.8	3:46:27	600	90	2.0	#122 Halo Star	4	
0066.hs3141	324	2:10	23:47:13.9	4:44:25	600	90	2.0	#122 Halo Star	4	
0067.COMP	10	2:16	23:47:13.9	4:44:25	600	90	2.0	#122 Halo Star	4	
0068.hs3142	360	2:17	23:51:20.0	3:06:24	600	90	2.0	#122 Halo Star	4	
0069.COMP	10	2:23	23:51:20.0	3:06:24	600	90	2.0	#122 Halo Star	4	
0070.hs3143	360	2:24	23:54:45.6	3:48:36	600	90	2.0	#122 Halo Star	4	
0071.COMP	10	2:30	23:54:45.6	3:48:36	600	90	2.0	#122 Halo Star	4	
0072.hs3144	420	2:31	23:55:53.7	1:21:38	600	90	2.0	#122 Halo Star	4	
0073.COMP	10	2:38	23:55:53.7	1:21:38	600	90	2.0	#122 Halo Star	4	
0074.hs3145	228	2:39	23:57:36.8	-1:44:10	600	90	2.0	#122 Halo Star	4	
0075.COMP	10	2:43	23:57:36.8	-1:44:10	600	90	2.0	#122 Halo Star	4	
0076.hs3146	270	2:44	0:00:24.4	-1:42:18	600	90	2.0	#122 Halo Star	4	
0077.COMP	10	2:49	0:00:24.4	-1:42:18	600	90	2.0	#122 Halo Star	4	
0078.hs3147	210	2:49	0:01:25.5	4:43:40	600	90	2.0	#122 Halo Star	4	

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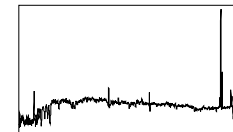
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0079.COMP	10	2:53	0:01:25.5	4:43:40	600	90	2.0	#122 Halo Star	4	
0080.hs3148	168	2:54	0:02:10.8	-1:49:38	600	90	2.0	#122 Halo Star	4	
0081.COMP	10	2:57	0:02:10.8	-1:49:38	600	90	2.0	#122 Halo Star	4	
0082.hs3149	408	2:59	0:03:50.0	4:57:00	600	90	2.0	#122 Halo Star	4	
0083.COMP	10	3:06	0:03:50.0	4:57:00	600	90	2.0	#122 Halo Star	4	
0084.hs3150	426	3:07	0:07:59.4	2:03:18	600	90	2.0	#122 Halo Star	4	
0085.COMP	10	3:14	0:07:59.4	2:03:18	600	90	2.0	#122 Halo Star	4	
0086.hs3151	504	3:16	0:08:10.6	3:25:43	600	90	2.0	#122 Halo Star	4	
0087.COMP	10	3:24	0:08:10.6	3:25:43	600	90	2.0	#122 Halo Star	4	
0088.hs3152	444	3:25	0:08:20.4	4:25:27	600	90	2.0	#122 Halo Star	4	
0089.COMP	10	3:33	0:08:20.4	4:25:27	600	90	2.0	#122 Halo Star	4	
0090.hs3153	222	3:34	0:12:27.7	3:54:31	600	90	2.0	#122 Halo Star	4	
0091.COMP	10	3:37	0:12:27.7	3:54:31	600	90	2.0	#122 Halo Star	4	
0092.hs3154	306	3:38	0:13:28.8	2:03:44	600	90	2.0	#122 Halo Star	4	
0093.COMP	10	3:44	0:13:28.8	2:03:44	600	90	2.0	#122 Halo Star	4	
0094.hs3155	198	3:45	0:15:40.5	1:52:40	600	90	2.0	#122 Halo Star	4	
0095.COMP	10	3:49	0:15:40.5	1:52:40	600	90	2.0	#122 Halo Star	4	
0096.hs3156	474	3:49	0:16:57.1	3:27:01	600	90	2.0	#122 Halo Star	4	
0097.COMP	10	3:58	0:16:57.1	3:27:01	600	90	2.0	#122 Halo Star	4	
0098.hs3157	558	3:58	0:18:07.4	2:16:51	600	90	2.0	#122 Halo Star	4	

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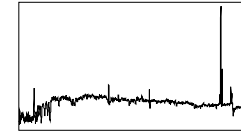
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0099.COMP	10	4:08	0:18:07.4	2:16:51	600	90	2.0	#122 Halo Star	4	
0100.hs3158	258	4:08	0:28:09.4	-1:59:12	600	90	2.0	#122 Halo Star	4	
0101.COMP	10	4:13	0:28:09.4	-1:59:12	600	90	2.0	#122 Halo Star	4	
0102.hs3159	456	4:14	0:28:51.1	2:43:34	600	90	2.0	#122 Halo Star	4	
0103.COMP	10	4:22	0:28:51.1	2:43:34	600	90	2.0	#122 Halo Star	4	
0104.hs3160	156	4:22	0:30:16.6	3:21:57	600	90	2.0	#122 Halo Star	4	
0105.COMP	10	4:25	0:30:16.6	3:21:57	600	90	2.0	#122 Halo Star	4	
0106.hs3161	288	4:26	0:32:07.2	2:52:47	600	90	2.0	#122 Halo Star	4	
0107.COMP	10	4:31	0:32:07.2	2:52:47	600	90	2.0	#122 Halo Star	4	
0108.hs3163	474	4:32	0:38:15.9	-1:59:14	600	90	2.0	#122 Halo Star	4	
0109.COMP	10	4:40	0:38:15.9	-1:59:14	600	90	2.0	#122 Halo Star	4	
0110.hs3162	528	4:41	0:35:30.9	2:41:16	600	90	2.0	#122 Halo Star	4	
0111.COMP	10	4:50	0:35:30.9	2:41:16	600	90	2.0	#122 Halo Star	4	
0112.hs3166	546	4:51	0:46:20.7	-1:54:22	600	90	2.0	#122 Halo Star	4	
0113.COMP	10	5:00	0:46:20.7	-1:54:22	600	90	2.0	#122 Halo Star	4	
0114.hs3169	186	5:01	0:49:16.7	-1:32:49	600	90	2.0	#122 Halo Star	4	
0115.COMP	10	5:05	0:49:16.7	-1:32:49	600	90	2.0	#122 Halo Star	4	
0116.hs3164	306	5:06	0:42:01.9	1:53:37	600	90	2.0	#122 Halo Star	4	
0117.COMP	10	5:11	0:42:01.9	1:53:37	600	90	2.0	#122 Halo Star	4	
0118.hs3165	252	5:12	0:43:00.7	4:17:31	600	90	2.0	#122 Halo Star	4	

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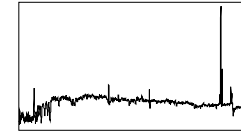
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0119.COMP	10	5:17	0:43:00.7	4:17:31	600	90	2.0	#122 Halo Star	4	
0120.hs3167	366	5:17	0:47:42.9	2:21:39	600	90	2.0	#122 Halo Star	4	
0121.COMP	10	5:24	0:47:42.9	2:21:39	600	90	2.0	#122 Halo Star	4	
0122.hs3168	180	5:25	0:49:04.3	2:25:15	600	90	2.0	#122 Halo Star	4	
0123.COMP	10	5:28	0:49:04.3	2:25:15	600	90	2.0	#122 Halo Star	4	
0124.hs3176	400	5:29	1:07:52.9	-1:31:18	600	90	2.0	#122 Halo Star	4	
0125.COMP	10	5:36	1:07:52.9	-1:31:18	600	90	2.0	#122 Halo Star	4	
0126.hs3173	252	5:36	1:00:01.9	-1:36:16	600	90	2.0	#122 Halo Star	4	
0127.COMP	10	5:41	1:00:01.9	-1:36:16	600	90	2.0	#122 Halo Star	4	
0128.hs3175	210	5:42	1:05:56.8	-1:36:27	600	90	2.0	#122 Halo Star	4	
0129.COMP	10	5:46	1:05:56.8	-1:36:27	600	90	2.0	#122 Halo Star	4	
0130.hs3172	408	5:46	0:59:09.7	3:33:13	600	90	2.0	#122 Halo Star	4	
0131.COMP	10	5:53	0:59:09.7	3:33:13	600	90	2.0	#122 Halo Star	4	
0132.hs3171	324	5:54	0:53:16.7	2:35:26	600	90	2.0	#122 Halo Star	4	
0133.COMP	10	6:00	0:53:16.7	2:35:26	600	90	2.0	#122 Halo Star	4	
0134.hs3170	162	6:01	0:52:21.2	4:42:39	600	90	2.0	#122 Halo Star	4	
0135.COMP	10	6:04	0:52:21.2	4:42:39	600	90	2.0	#122 Halo Star	4	
0136.hs3174	288	6:04	1:04:15.8	2:50:55	600	90	2.0	#122 Halo Star	4	
0137.COMP	10	6:10	1:04:15.8	2:50:55	600	90	2.0	#122 Halo Star	4	
0138.hs3177	282	6:10	1:09:34.1	3:48:36	600	90	2.0	#122 Halo Star	4	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0139.COMP	10	6:15	1:09:34.1	3:48:36	600	90	2.0	#122 Halo Star	4	
0140.hs3178	282	6:16	1:09:54.0	2:20:23	600	90	2.0	#122 Halo Star	4	
0141.COMP	10	6:21	1:09:54.0	2:20:23	600	90	2.0	#122 Halo Star	4	
0142.hs3179	210	6:22	1:14:03.6	4:25:22	600	90	2.0	#122 Halo Star	4	
0143.COMP	10	6:25	1:14:03.6	4:25:22	600	90	2.0	#122 Halo Star	4	
0144.hs3023	216	6:27	0:03:25.9	17:53:33	600	90	2.0	#122 Halo Star	4	
0145.COMP	10	6:31	0:03:25.9	17:53:33	600	90	2.0	#122 Halo Star	4	
0146.hs3024	336	6:31	0:04:08.5	21:14:50	600	90	2.0	#122 Halo Star	4	
0147.COMP	10	6:37	0:04:08.5	21:14:50	600	90	2.0	#122 Halo Star	4	
0148.hs3025	384	6:38	0:04:12.9	23:40:30	600	90	2.0	#122 Halo Star	4	
0149.COMP	10	6:45	0:04:12.9	23:40:30	600	90	2.0	#122 Halo Star	4	
0150.hs3026	294	6:46	0:05:13.8	25:12:05	600	90	2.0	#122 Halo Star	4	
0151.COMP	10	6:51	0:05:13.8	25:12:05	600	90	2.0	#122 Halo Star	4	
0152.hs3389	522	6:52	1:39:18.9	21:02:22	600	90	2.0	#122 Halo Star	4	
0153.COMP	10	7:01	1:39:18.9	21:02:22	600	90	2.0	#122 Halo Star	4	
0154.hs3492	252	7:02	2:02:28.0	9:00:32	600	90	2.0	#122 Halo Star	4	
0155.COMP	10	7:08	2:02:28.0	9:00:32	600	90	2.0	#122 Halo Star	4	
0156.hs3493	240	7:09	2:02:29.5	8:21:19	600	90	2.0	#122 Halo Star	4	
0157.COMP	10	7:13	2:02:29.5	8:21:19	600	90	2.0	#122 Halo Star	4	
0158.hs3494	252	7:14	2:02:55.5	14:39:42	600	90	2.0	#122 Halo Star	4	

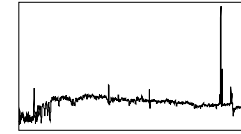
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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0159.COMP	10	7:18	2:02:55.5	14:39:42	600	90	2.0	#122 Halo Star	4	
0160.hs3495	396	7:19	2:03:06.4	9:16:52	600	90	2.0	#122 Halo Star	4	
0161.COMP	10	7:26	2:03:06.4	9:16:52	600	90	2.0	#122 Halo Star	4	
0162.hs3496	192	7:27	2:05:15.4	12:39:41	600	90	2.0	#122 Halo Star	4	
0163.COMP	10	7:30	2:05:15.4	12:39:41	600	90	2.0	#122 Halo Star	4	
0164.hs3497	288	7:31	2:06:56.1	14:38:58	600	90	2.0	#122 Halo Star	4	
0165.COMP	10	7:36	2:06:56.1	14:38:58	600	90	2.0	#122 Halo Star	4	
0166.hs3498	444	7:37	2:07:15.0	11:33:02	600	90	2.0	#122 Halo Star	4	
0167.COMP	10	7:45	2:07:15.0	11:33:02	600	90	2.0	#122 Halo Star	4	
0168.hs3499	198	7:45	2:08:08.1	11:23:47	600	90	2.0	#122 Halo Star	4	
0169.COMP	10	7:49	2:08:08.1	11:23:47	600	90	2.0	#122 Halo Star	4	
0170.hs3501	432	7:49	2:10:51.4	8:26:06	600	90	2.0	#122 Halo Star	4	
0171.COMP	10	7:57	2:10:51.4	8:26:06	600	90	2.0	#122 Halo Star	4	
0172.hs3502	234	7:58	2:11:40.1	5:38:14	600	90	2.0	#122 Halo Star	4	
0173.COMP	10	8:02	2:11:40.1	5:38:14	600	90	2.0	#122 Halo Star	4	
0174.hs3505	510	8:04	2:12:59.3	5:56:33	600	90	2.0	#122 Halo Star	4	
0175.COMP	10	8:13	2:12:59.3	5:56:33	600	90	2.0	#122 Halo Star	4	
0176.hs3503	366	8:14	2:12:11.9	6:16:07	600	90	2.0	#122 Halo Star	4	
0177.COMP	10	8:20	2:12:11.9	6:16:07	600	90	2.0	#122 Halo Star	4	
0178.hs3504	306	8:21	2:12:20.6	11:44:18	600	90	2.0	#122 Halo Star	4	

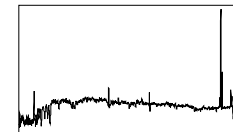
UT Date 2004-11-17 Observers W. BrownColl. Focus 1015 Grating/Grism 600

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0179.COMP	10	8:26	2:12:20.6	11:44:18	600	90	2.0	#122 Halo Star	4	
0180.hs3500	246	8:27	2:08:41.1	14:41:51	600	90	2.0	#122 Halo Star	4	
0181.COMP	10	8:31	2:08:41.1	14:41:51	600	90	2.0	#122 Halo Star	4	
0182.hs3506	276	8:32	2:13:28.3	12:45:55	600	90	2.0	#122 Halo Star	4	
0183.COMP	10	8:37	2:13:28.3	12:45:55	600	90	2.0	#122 Halo Star	4	
0184.hs3548	510	8:38	2:42:15.9	5:07:01	600	90	2.0	#122 Halo Star	4	
0185.COMP	10	8:47	2:42:15.9	5:07:01	600	90	2.0	#122 Halo Star	4	
0186.hs3549	516	8:48	2:43:01.8	7:36:34	600	90	2.0	#122 Halo Star	4	
0187.COMP	10	8:57	2:43:01.8	7:36:34	600	90	2.0	#122 Halo Star	4	
0188.hs3547	354	8:57	2:41:35.2	9:13:52	600	90	2.0	#122 Halo Star	4	
0189.COMP	10	9:03	2:41:35.2	9:13:52	600	90	2.0	#122 Halo Star	4	
0190.hs3475	312	9:04	2:49:18.6	17:59:15	600	90	2.0	#122 Halo Star	4	humidity forced dome closure
0191.COMP	10	9:10	2:49:18.6	17:59:15	600	90	2.0	#122 Halo Star	4	
0192.FLAT	24	9:17	2:49:18.6	17:59:15	600	90	2.0	#122 Halo Star	4	flat x8
0193-0199.FLAT	24	9:21	2:49:18.6	17:59:15	600	90	2.0	#122 Halo Star	4	
0200.COMP	5	9:26	2:49:18.6	17:59:15	300	90	3.0	#56 standards	4	comp line test
0201.sn2004fz	900	9:30	02:01:06.4	+31:52:44	300	73	3.0	#2 SN Observat	2	humidity dropped a little
0202.COMP	10	9:45	02:01:06.4	+31:52:44	300	73	3.0	#2 SN Observat	2	
0203.Hiltner600	45	9:50	06:42:37.2	02:11:25	300	-12	3.0	#56 Spectropho	2	
0204.COMP	10	9:51	06:42:37.2	02:11:25	300	-12	3.0	#56 Spectropho	2	



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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0205.McNeilposA	1200	9:56	05:46:14	-00:05:30	300	90	3.0	#112 Orion PMS	2	
0206.COMP	10	10:16	05:46:14	-00:05:30	300	90	3.0	#112 Orion PMS	2	
0207.McNeilposC	1200	10:17	05:46:13	-00:05:54	300	90	3.0	#112 Orion PMS	2	
0208.COMP	10	10:37	05:46:13	-00:05:54	300	90	3.0	#112 Orion PMS	2	
0209.Akn120	300	10:41	05:13:38.0	-00:12:15	300	36	3.0	#6 AGN Monitor	4	
0210.COMP	5	10:46	05:13:38.0	-00:12:15	300	36	3.0	#6 AGN Monitor	4	
0211.BGGem	300	10:50	6:03:31	27:41:50	300	70	3.0	#12 Symbiotic	4	
0212.COMP	5	10:55	6:03:31	27:41:50	300	70	3.0	#12 Symbiotic	4	
0213.BGGem	900	10:56	6:03:31	27:41:50	300	70	3.0	#12 Symbiotic	4	
0214.COMP	5	11:11	6:03:31	27:41:50	300	70	3.0	#12 Symbiotic	4	
0215.BXMon	15	11:14	7:25:23	-03:35:51	300	5	3.0	#12 Symbiotic	4	
0216.COMP	5	11:15	7:25:23	-03:35:51	300	5	3.0	#12 Symbiotic	4	
0217.BXMon	120	11:16	7:25:23	-03:35:51	300	5	3.0	#12 Symbiotic	4	
0218.COMP	5	11:19	7:25:23	-03:35:51	300	5	3.0	#12 Symbiotic	4	
0219.064018p21030.b	2100	11:25	6:43:11.6	20:58:58	300	90	3.0	#113 Interacti	4	
0220.COMP	5	12:00	6:43:11.6	20:58:58	300	90	3.0	#113 Interacti	4	
0221.070342p23580.a	1200	12:01	7:6:40.1	23:53:36	300	90	3.0	#113 Interacti	4	
0222.COMP	5	12:21	7:6:40.1	23:53:36	300	90	3.0	#113 Interacti	4	
0223.070342p23580.b	1401	12:31	7:6:48.7	23:52:25	300	-27	3.0	#113 Interacti	4	
0224.COMP	5	12:55	7:6:48.7	23:52:25	300	-27	3.0	#113 Interacti	4	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0225.Feige34	60	12:58	10:36:41.2	43:21:50	300	65	3.0	#56 Spectropho	4	
0226.COMP	5	13:00	10:36:41.2	43:21:50	300	65	3.0	#56 Spectropho	4	
0227.Feige34	120	13:00	10:36:41.2	43:21:50	300	65	3.0	#56 Spectropho	2	
0228.COMP	10	13:03	10:36:41.2	43:21:50	300	65	3.0	#56 Spectropho	2	
0229.FLAT	16	13:04	10:36:41.2	43:21:50	300	90	3.0	#56 Spectropho	2	flat x10
0230-0238.FLAT	16	13:09	10:36:41.2	43:21:50	300	90	3.0	#56 Spectropho	2	
0239.FLAT	8	13:10	10:36:41.2	43:21:50	300	90	3.0	#56 Spectropho	4	flat x10
0240-0248.FLAT	8	13:12	10:36:41.2	43:21:50	300	90	3.0	#56 Spectropho	4	
0249.BIAS	0	13:14	10:36:41.2	43:21:50	300	90	3.0	#56 Spectropho	2	bias x10
0250-0258.BIAS	0	13:16	10:36:41.2	43:21:50	300	90	3.0	#56 Spectropho	2	
0259.DARK	600	13:33	10:36:41.2	43:21:50	300	90	3.0	#56 Spectropho	2	dark x10
0260-0268.DARK	600	15:05	10:36:41.2	43:21:50	300	90	3.0	#56 Spectropho	2	