

UT Date 2004-10-07 Observers M CalkinsColl. Focus 1012 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0001-0010.DARK	900	1:44	06:42:37.2	02:11:25	300	90	3.0	#57 Velocity S	4	
0011.BIAS	0	2:04	06:42:37.2	02:11:25	600	90	1.5	#57 Velocity S	4	600L, tilt=430, 1.5 arcsec
0012-0020.BIAS	0	2:05	06:42:37.2	02:11:25	600	90	1.5	#57 Velocity S	4	
0021-0030.FLAT	55	2:15	06:42:37.2	02:11:25	600	90	1.5	#57 Velocity S	4	
0031.BDp284211	90	2:19	21:48:57.1	28:37:48	600	90	1.5	#56 Spectropho	4	
0032.COMP	10	2:21	21:48:57.1	28:37:48	600	90	1.5	#56 Spectropho	4	
0033.obj7089_7-337	360	2:26	20:47:55.3	31:10:43	600	90	1.5	#155 Cygnus Sh	4	
0034.COMP	10	2:32	20:47:55.3	31:10:43	600	90	1.5	#155 Cygnus Sh	4	
0035.obj7074_1-441	300	2:33	20:55:04.8	32:34:31	600	90	1.5	#155 Cygnus Sh	4	
0036.COMP	10	2:38	20:55:04.8	32:34:31	600	90	1.5	#155 Cygnus Sh	4	
0037.obj7089_5-140	300	2:42	20:47:27.6	31:37:52	600	90	1.5	#155 Cygnus Sh	4	
0038.COMP	10	2:47	20:47:27.6	31:37:52	600	90	1.5	#155 Cygnus Sh	4	
0039.obj7083_1-738	360	2:48	20:55:51.9	31:43:27	600	90	1.5	#155 Cygnus Sh	4	
0040.COMP	10	2:55	20:55:51.9	31:43:27	600	90	1.5	#155 Cygnus Sh	4	
0041.obj7083_8-559	360	2:56	20:56:48.0	31:00:04	600	90	1.5	#155 Cygnus Sh	4	
0042.COMP	10	3:02	20:56:48.0	31:00:04	600	90	1.5	#155 Cygnus Sh	4	
0043.obj7092_6-452	300	3:03	20:56:44.9	30:26:52	600	90	1.5	#155 Cygnus Sh	4	
0044.COMP	10	3:09	20:56:44.9	30:26:52	600	90	1.5	#155 Cygnus Sh	4	
0045.obj7086_3-4077	300	3:10	20:50:28.0	31:08:12	600	90	1.5	#155 Cygnus Sh	4	
0046.COMP	10	3:15	20:50:28.0	31:08:12	600	90	1.5	#155 Cygnus Sh	4	

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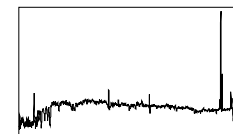
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0047.obj7086_8-322	300	3:16	20:52:12.2	31:00:23	600	90	1.5	#155 Cygnus Sh	4	
0048.COMP	10	3:21	20:52:12.2	31:00:23	600	90	1.5	#155 Cygnus Sh	4	
0049.obj7113_2-103	300	3:22	20:54:34.3	29:40:39	600	90	1.5	#155 Cygnus Sh	4	
0050.COMP	10	3:27	20:54:34.3	29:40:39	600	90	1.5	#155 Cygnus Sh	4	
0051.obj7074_3-2787	300	3:28	20:54:33.9	32:07:46	600	90	1.5	#155 Cygnus Sh	4	
0052.COMP	10	3:34	20:54:33.9	32:07:46	600	90	1.5	#155 Cygnus Sh	4	
0053.obj7113_3-3857	360	3:35	20:55:30.9	29:30:30	600	90	1.5	#155 Cygnus Sh	4	
0054.COMP	10	3:41	20:55:30.9	29:30:30	600	90	1.5	#155 Cygnus Sh	4	
0055.obj7074_1-353	300	3:42	20:54:50.9	32:39:11	600	90	1.5	#155 Cygnus Sh	4	
0056.COMP	10	3:48	20:54:50.9	32:39:11	600	90	1.5	#155 Cygnus Sh	4	
0057.obj7074_3-4650	300	3:49	20:55:10.1	32:10:13	600	90	1.5	#155 Cygnus Sh	4	
0058.COMP	10	3:55	20:55:10.1	32:10:13	600	90	1.5	#155 Cygnus Sh	4	
0059.obj7083_2-543	330	3:56	20:54:57.4	31:31:16	600	90	1.5	#155 Cygnus Sh	4	
0060.COMP	10	4:02	20:54:57.4	31:31:16	600	90	1.5	#155 Cygnus Sh	4	
0061.BIAS	0	4:10	20:54:57.4	31:31:16	300	90	3.0	#155 Cygnus Sh	2	combo setup
0062-0070.BIAS	0	4:12	20:54:57.4	31:31:16	300	90	3.0	#155 Cygnus Sh	2	
0071-0080.FLAT	12	4:17	20:54:57.4	31:31:16	300	90	3.0	#155 Cygnus Sh	2	
0081.BDp284211	60	4:19	21:48:57.1	28:37:48	300	31	3.0	#56 Spectropho	2	
0082.COMP	12	4:21	21:48:57.1	28:37:48	300	31	3.0	#56 Spectropho	2	
0083.BDp174708	7	4:22	22:11:31.4	18:05:34	300	-8	3.0	#56 Spectropho	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0084.BDp174708	7	4:23	22:11:31.4	18:05:34	300	-8	3.0	#56 Spectropho	2	
0085.COMP	12	4:23	22:11:31.4	18:05:34	300	-8	3.0	#56 Spectropho	2	
0086.sn2004et	240	4:27	20:35:25.4	60:07:17	300	-38	3.0	#2 SN Observat	2	
0087.COMP	12	4:31	20:35:25.4	60:07:17	300	-38	3.0	#2 SN Observat	2	
0088.XS01626B8_001	900	4:37	21:37:43.2	-14:26:11	300	90	3.0	#129 CHAMP Sou	2	
0089.XS01626B8_001	900	4:52	21:37:43.2	-14:26:11	300	90	3.0	#129 CHAMP Sou	2	
0090.COMP	12	5:07	21:37:43.2	-14:26:11	300	90	3.0	#129 CHAMP Sou	2	
0091.XS00431B7_015	1200	5:10	22:40:50.9	+03:23:09	300	90	3.0	#129 CHAMP Sou	2	
0092.XS00431B7_015	1200	5:30	22:40:50.9	+03:23:09	300	90	3.0	#129 CHAMP Sou	2	
0093.COMP	12	5:50	22:40:50.9	+03:23:09	300	90	3.0	#129 CHAMP Sou	2	
0094.XS02810B1_015	900	5:58	23:59:38.1	62:33:03	300	90	3.0	#152 ChaMPlane	2	row=81
0095.COMP	12	6:14	23:59:38.1	62:33:03	300	90	3.0	#152 ChaMPlane	2	
0096.XS02810B2_002	480	6:15	23:58:46.6	62:25:00	300	90	3.0	#152 ChaMPlane	2	row=81
0097.COMP	12	6:24	23:58:46.6	62:25:00	300	90	3.0	#152 ChaMPlane	2	
0098.XS02810B2_006	360	6:27	23:58:51.7	62:27:25	300	90	3.0	#152 ChaMPlane	2	
0099.COMP	12	6:34	23:58:51.7	62:27:25	300	90	3.0	#152 ChaMPlane	2	
0100.XS02810B2_018	270	6:35	23:58:09.1	62:22:26	300	90	3.0	#152 ChaMPlane	2	
0101.COMP	12	6:40	23:58:09.1	62:22:26	300	90	3.0	#152 ChaMPlane	2	
0102.XS02810B3_002	900	6:41	23:59:16.2	62:24:29	300	90	3.0	#152 ChaMPlane	2	
0103.COMP	12	6:57	23:59:16.2	62:24:29	300	90	3.0	#152 ChaMPlane	2	

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0104.XS02810B3_017	660	6:58	00:00:05.0	62:26:37	300	90	3.0	#152 ChaMPlane	2	
0105.COMP	12	7:10	00:00:05.0	62:26:37	300	90	3.0	#152 ChaMPlane	2	
0106.XS02810B3_026	900	7:54	23:59:40.6	62:21:08	300	90	3.0	#152 ChaMPlane	2	row=76
0107.COMP	12	8:10	23:59:40.6	62:21:08	300	90	3.0	#152 ChaMPlane	2	
0108.004948p14150.b	1050	8:14	0:52:26.8	14:32:39	300	90	3.0	#113 Interacti	2	faint emission?
0109.004948p14150.b	1050	8:32	0:52:26.8	14:32:39	300	90	3.0	#113 Interacti	2	too faint for a re-do
0110.COMP	12	8:50	0:52:26.8	14:32:39	300	90	3.0	#113 Interacti	2	
0111.sn2004dn	1350	8:56	02:35:37.3	+37:37:54	300	0	3.0	#2 SN Observat	2	row=80
0112.sn2004dn	1350	9:19	02:35:37.3	+37:37:54	300	0	3.0	#2 SN Observat	2	
0113.COMP	12	9:42	02:35:37.3	+37:37:54	300	0	3.0	#2 SN Observat	2	
0114.035124p15470.b	810	9:45	3:54:16.1	15:55:48	300	60	3.0	#113 Interacti	2	
0115.035124p15470.b	810	9:59	3:54:16.1	15:55:48	300	60	3.0	#113 Interacti	2	
0116.COMP	12	10:13	3:54:16.1	15:55:48	300	60	3.0	#113 Interacti	2	
0117.035518p18260.a	810	10:14	3:58:12.1	18:35:4	300	90	3.0	#113 Interacti	2	
0118.035518p18260.a	810	10:28	3:58:12.1	18:35:4	300	90	3.0	#113 Interacti	2	
0119.COMP	12	10:42	3:58:12.1	18:35:4	300	90	3.0	#113 Interacti	2	
0120.Ori28	30	10:44	5:13:26.4	-5:36:5	300	90	3.0	#89 Ae/Be star	2	
0121.COMP	12	10:45	5:13:26.4	-5:36:5	300	90	3.0	#89 Ae/Be star	2	
0122.Ori29	45	10:46	5:13:33.5	-0:2:43	300	90	3.0	#89 Ae/Be star	4	
0123.COMP	5	10:47	5:13:33.5	-0:2:43	300	90	3.0	#89 Ae/Be star	4	

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0124.Ori30	50	10:48	5:13:41.5	5:11:5	300	90	3.0	#89 Ae/Be star	4	
0125.COMP	5	10:49	5:13:41.5	5:11:5	300	90	3.0	#89 Ae/Be star	4	
0126.Ori31	50	10:52	5:14:10.3	1:37:48	300	90	3.0	#89 Ae/Be star	4	
0127.COMP	5	10:54	5:14:10.3	1:37:48	300	90	3.0	#89 Ae/Be star	4	
0128.Ori32	45	10:54	5:14:30.1	4:56:59	300	90	3.0	#89 Ae/Be star	4	
0129.COMP	5	10:56	5:14:30.1	4:56:59	300	90	3.0	#89 Ae/Be star	4	
0130.Ori33	50	10:56	5:15:3.7	4:17:7	300	90	3.0	#89 Ae/Be star	4	
0131.COMP	5	10:57	5:15:3.7	4:17:7	300	90	3.0	#89 Ae/Be star	4	
0132.Ori34	50	10:58	5:15:16.9	1:47:59	300	90	3.0	#89 Ae/Be star	4	
0133.COMP	5	11:00	5:15:16.9	1:47:59	300	90	3.0	#89 Ae/Be star	4	
0134.Ori35	50	11:03	5:15:55.5	-0:4:39	300	90	3.0	#89 Ae/Be star	4	
0135.COMP	5	11:04	5:15:55.5	-0:4:39	300	90	3.0	#89 Ae/Be star	4	
0136.Ori36	15	11:05	5:16:26.9	-2:41:43	300	90	3.0	#89 Ae/Be star	4	
0137.COMP	5	11:06	5:16:26.9	-2:41:43	300	90	3.0	#89 Ae/Be star	4	
0138.Ori37	50	11:06	5:17:58.1	0:29:18	300	90	3.0	#89 Ae/Be star	4	
0139.COMP	5	11:08	5:17:58.1	0:29:18	300	90	3.0	#89 Ae/Be star	4	
0140.Ori38	10	11:09	5:18:10.5	-3:30:46	300	90	3.0	#89 Ae/Be star	4	
0141.COMP	5	11:09	5:18:10.5	-3:30:46	300	90	3.0	#89 Ae/Be star	4	
0142.Ori39	25	11:10	5:18:36.7	0:6:20	300	90	3.0	#89 Ae/Be star	4	
0143.COMP	5	11:11	5:18:36.7	0:6:20	300	90	3.0	#89 Ae/Be star	4	

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0144.Ori40	7	11:11	5:19:33.2	-0:35:50	300	90	3.0	#89 Ae/Be star	4	
0145.COMP	5	11:12	5:19:33.2	-0:35:50	300	90	3.0	#89 Ae/Be star	4	
0146.Ori41	65	11:13	5:19:57.3	-1:34:59	300	90	3.0	#89 Ae/Be star	4	
0147.COMP	5	11:14	5:19:57.3	-1:34:59	300	90	3.0	#89 Ae/Be star	4	
0148.Ori42	40	11:15	5:20:12.4	3:9:10	300	90	3.0	#89 Ae/Be star	4	
0149.COMP	5	11:16	5:20:12.4	3:9:10	300	90	3.0	#89 Ae/Be star	4	
0150.Ori43	2	11:17	5:21:17.9	-5:48:41	300	90	3.0	#89 Ae/Be star	4	
0151.COMP	5	11:18	5:21:17.9	-5:48:41	300	90	3.0	#89 Ae/Be star	4	
0152.Ori44	1	11:19	5:21:58.2	-2:57:49	300	90	3.0	#89 Ae/Be star	4	
0153.Ori44	1	11:19	5:21:58.2	-2:57:49	300	90	3.0	#89 Ae/Be star	4	
0154.COMP	5	11:19	5:21:58.2	-2:57:49	300	90	3.0	#89 Ae/Be star	4	
0155.Ori45	40	11:20	5:22:32.0	3:31:51	300	90	3.0	#89 Ae/Be star	4	
0156.COMP	5	11:21	5:22:32.0	3:31:51	300	90	3.0	#89 Ae/Be star	4	
0157.Ori46	90	11:22	5:22:52.2	4:39:15	300	90	3.0	#89 Ae/Be star	4	
0158.COMP	5	11:24	5:22:52.2	4:39:15	300	90	3.0	#89 Ae/Be star	4	
0159.Ori47	40	11:25	5:23:33.2	-0:3:56	300	90	3.0	#89 Ae/Be star	4	
0160.COMP	5	11:26	5:23:33.2	-0:3:56	300	90	3.0	#89 Ae/Be star	4	
0161.Ori48	23	11:30	5:23:51.5	-1:23:10	300	100	3.0	#89 Ae/Be star	4	48 and 49 binary
0162.Ori49	15	11:32	5:23:51.7	-1:23:9	300	100	3.0	#89 Ae/Be star	4	
0163.COMP	5	11:32	5:23:51.7	-1:23:9	300	100	3.0	#89 Ae/Be star	4	

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0164.Ori50	70	11:38	5:23:59.0	2:39:6	300	90	3.0	#89 Ae/Be star	4	
0165.COMP	5	11:39	5:23:59.0	2:39:6	300	90	3.0	#89 Ae/Be star	4	
0166.Ori51	40	11:41	5:24:9.8	1:48:39	300	90	3.0	#89 Ae/Be star	4	
0167.COMP	5	11:42	5:24:9.8	1:48:39	300	90	3.0	#89 Ae/Be star	4	
0168.Ori52	7	11:45	5:24:12.9	1:46:42	300	90	3.0	#89 Ae/Be star	4	
0169.COMP	5	11:45	5:24:12.9	1:46:42	300	90	3.0	#89 Ae/Be star	4	
0170.Ori53	20	11:46	5:24:20.7	1:35:26	300	90	3.0	#89 Ae/Be star	4	
0171.COMP	5	11:46	5:24:20.7	1:35:26	300	90	3.0	#89 Ae/Be star	4	
0172.Ori54	35	11:47	5:24:25.0	3:4:15	300	90	3.0	#89 Ae/Be star	4	
0173.COMP	5	11:48	5:24:25.0	3:4:15	300	90	3.0	#89 Ae/Be star	4	
0174.Ori55	1	11:49	5:25:3.5	1:11:8	300	90	3.0	#89 Ae/Be star	4	
0175.COMP	5	11:49	5:25:3.5	1:11:8	300	90	3.0	#89 Ae/Be star	4	
0176.Ori55	2	11:50	5:25:3.5	1:11:8	300	90	3.0	#89 Ae/Be star	4	
0177.COMP	5	11:50	5:25:3.5	1:11:8	300	90	3.0	#89 Ae/Be star	4	
0178.053900+18290	420	11:52	05:41:55.5	+18:29:30	300	90	3.0	#84f Updated Z	2	
0179.COMP	12	11:59	05:41:55.5	+18:29:30	300	90	3.0	#84f Updated Z	2	
0180.054636+17410	360	12:07	05:49:31.5	+17:41:12	300	60	3.0	#84f Updated Z	2	
0181.COMP	12	12:13	05:49:31.5	+17:41:12	300	60	3.0	#84f Updated Z	2	
0182.055148+15100	420	12:15	05:54:40.7	+15:10:14	300	90	3.0	#84f Updated Z	2	
0183.COMP	12	12:25	05:54:40.7	+15:10:14	300	90	3.0	#84f Updated Z	2	

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0184.Hiltner600	60	12:26	06:42:37.2	02:11:25	300	90	3.0	#56 Spectropho	2	
0185.COMP	12	12:28	06:42:37.2	02:11:25	300	90	3.0	#56 Spectropho	2	
0186.Hiltner600	60	12:28	06:42:37.2	02:11:25	300	90	3.0	#56 Spectropho	4	
0187.COMP	5	12:30	06:42:37.2	02:11:25	300	90	3.0	#56 Spectropho	4	
0188-0197.BIAS	0	12:37	06:42:37.2	02:11:25	300	90	3.0	#113 Interacti	4	
0198-0207.FLAT	6	12:47	06:42:37.2	02:11:25	300	90	3.0	#113 Interacti	4	
0208-0217.BIAS	0	12:50	06:42:37.2	02:11:25	300	90	3.0	#113 Interacti	2	
0218-0227.FLAT	12	12:54	06:42:37.2	02:11:25	300	90	3.0	#113 Interacti	2	
0228-0237.DARK	900	15:14	06:42:37.2	02:11:25	300	90	3.0	#113 Interacti	2	