

UT Date 2004-03-28 Observers M CalkinsColl. Focus 980 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0001.DARK	900	0:32	05:46:21.6	+31:29:38	300	90	3.0	#122 Halo Star	4	
0002.DARK	900	0:47	06:01:27.9	+31:29:43	300	90	3.0	#122 Halo Star	4	
0003.DARK	900	1:02	06:16:38.3	+31:29:48	300	90	3.0	#122 Halo Star	4	
0004.DARK	900	1:17	06:31:48.0	+31:29:54	300	90	3.0	#122 Halo Star	4	
0005.DARK	900	1:33	06:46:57.8	+31:29:59	300	90	3.0	#122 Halo Star	4	
0006.DARK	900	1:48	07:02:07.6	+31:30:04	300	90	3.0	#122 Halo Star	4	
0007-0010.BIAS	0	2:03	07:02:41.7	+31:30:04	300	90	3.0	#122 Halo Star	4	
0011-0016.BIAS	0	2:04	07:03:24.3	+31:30:05	300	90	3.0	#122 Halo Star	4	
0017-0024.FLAT	6	2:06	07:05:28.2	+31:30:05	300	90	3.0	#122 Halo Star	4	
0025-0026.FLAT	6	2:06	07:05:53.8	+31:30:06	300	90	3.0	#122 Halo Star	4	
0027-0036.BIAS	0	2:09	07:08:09.8	+31:30:06	300	90	3.0	#122 Halo Star	2	
0037-0041.FLAT	12	2:11	07:11:08.9	+31:30:07	300	90	3.0	#122 Halo Star	2	
0042-0046.FLAT	12	2:14	07:13:12.2	+31:30:08	300	90	3.0	#122 Halo Star	2	
0047.Hiltner600	70	2:27	06:42:37.2	02:11:25	300	90	3.0	#56 Spectropho	4	
0048.Hiltner600	70	2:28	06:42:37.2	02:11:25	300	90	3.0	#56 Spectropho	4	
0049.COMP	5	2:30	06:42:37.2	02:11:25	300	90	3.0	#56 Spectropho	4	
0050.Hiltner600	70	2:31	06:42:37.2	02:11:25	300	20	3.0	#56 Spectropho	2	
0051.Hiltner600	70	2:32	06:42:37.2	02:11:25	300	20	3.0	#56 Spectropho	2	
0052.COMP	12	2:34	06:42:37.2	02:11:25	300	20	3.0	#56 Spectropho	2	
0053.vso-125317	1200	2:37	05:58:40.3	+01:19:26	300	90	3.0	#112 Orion PMS	2	

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0054.COMP	12	2:58	05:58:40.3	+01:19:26	300	90	3.0	#112 Orion PMS	2	
0055.vso-125505	1020	3:00	05:58:46.0	+00:56:57	300	60	3.0	#112 Orion PMS	2	
0056.COMP	12	3:18	05:58:46.0	+00:56:57	300	60	3.0	#112 Orion PMS	2	
0057.vso-127797	1200	3:20	05:59:57.3	+01:25:33	300	90	3.0	#112 Orion PMS	2	
0058.COMP	12	3:40	05:59:57.3	+01:25:33	300	90	3.0	#112 Orion PMS	2	
0059.vso-67381	1200	3:43	05:24:43.9	+01:57:01	300	90	3.0	#112 Orion PMS	2	
0060.COMP	12	4:03	05:24:43.9	+01:57:01	300	90	3.0	#112 Orion PMS	2	
0061.vso-67900	1080	4:07	05:24:59.5	+01:42:31	300	90	3.0	#112 Orion PMS	2	
0062.COMP	12	4:25	05:24:59.5	+01:42:31	300	90	3.0	#112 Orion PMS	2	
0063.HD84937	7	4:31	09:48:56.1	13:44:39	300	-14	3.0	#56 Spectropho	2	
0064.HD84937	7	4:31	09:48:56.1	13:44:39	300	-14	3.0	#56 Spectropho	2	
0065.HD84937	7	4:31	09:48:56.1	13:44:39	300	-14	3.0	#56 Spectropho	2	
0066.COMP	12	4:32	09:48:56.1	13:44:39	300	-14	3.0	#56 Spectropho	2	
0067.Feige34	50	4:36	10:36:41.2	43:21:50	300	54	3.0	#56 Spectropho	2	
0068.Feige34	50	4:37	10:36:41.2	43:21:50	300	54	3.0	#56 Spectropho	2	
0069.COMP	12	4:38	10:36:41.2	43:21:50	300	54	3.0	#56 Spectropho	2	
0070.sn2004at	1200	4:41	10:58:45.1	+59:29:12	300	34	3.0	#2 SN Observat	2	
0071.COMP	12	5:01	10:58:45.1	+59:29:12	300	34	3.0	#2 SN Observat	2	
0072.sn2004as	1200	5:05	11:25:39.1	+22:49:49	300	-50	3.0	#2 SN Observat	2	
0073.COMP	12	5:25	11:25:39.1	+22:49:49	300	-50	3.0	#2 SN Observat	2	

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0074.sn2004aw	1200	6:18	11:57:50.2	+25:15:55	300	110	3.0	#2 SN Observat	2	
0075.COMP	12	6:38	11:57:50.2	+25:15:55	300	110	3.0	#2 SN Observat	2	
0076.hs1830	168	6:44	11:12:32.4	39:02:38	600	90	2.0	#122 Halo Star	4	600L, 2arcsec, tilt=440
0077.COMP	10	6:48	11:12:32.4	39:02:38	600	90	2.0	#122 Halo Star	4	
0078.hs1831	264	6:54	11:12:41.1	13:01:28	600	90	2.0	#122 Halo Star	4	
0079.COMP	10	6:58	11:12:41.1	13:01:28	600	90	2.0	#122 Halo Star	4	
0080.hs1832	210	7:00	11:12:44.5	11:53:38	600	80	2.0	#122 Halo Star	4	
0081.COMP	10	7:04	11:12:44.5	11:53:38	600	80	2.0	#122 Halo Star	4	
0082.hs1833	516	7:06	11:12:54.2	35:23:18	600	90	2.0	#122 Halo Star	4	
0083.COMP	10	7:15	11:12:54.2	35:23:18	600	90	2.0	#122 Halo Star	4	
0084.hs1834	294	7:16	11:12:55.8	23:41:27	600	90	2.0	#122 Halo Star	4	
0085.COMP	10	7:22	11:12:55.8	23:41:27	600	90	2.0	#122 Halo Star	4	
0086.hs1835	318	7:23	11:13:16.4	15:47:35	600	90	2.0	#122 Halo Star	4	
0087.COMP	10	7:28	11:13:16.4	15:47:35	600	90	2.0	#122 Halo Star	4	
0088.hs1836	558	7:30	11:13:31.0	28:15:43	600	90	2.0	#122 Halo Star	4	
0089.COMP	10	7:39	11:13:31.0	28:15:43	600	90	2.0	#122 Halo Star	4	
0090.hs1837	258	7:41	11:13:32.2	11:19:48	600	90	2.0	#122 Halo Star	4	
0091.COMP	10	7:45	11:13:32.2	11:19:48	600	90	2.0	#122 Halo Star	4	
0092.hs1838	498	7:47	11:13:47.2	27:36:48	600	90	2.0	#122 Halo Star	4	
0093.COMP	10	7:56	11:13:47.2	27:36:48	600	90	2.0	#122 Halo Star	4	

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0094.hs1839	450	7:58	11:13:47.7	50:38:54	600	90	2.0	#122 Halo Star	4	
0095.COMP	10	8:06	11:13:47.7	50:38:54	600	90	2.0	#122 Halo Star	4	
0096.hs1840	450	8:08	11:14:13.1	33:35:08	600	90	2.0	#122 Halo Star	4	
0097.COMP	10	8:16	11:14:13.1	33:35:08	600	90	2.0	#122 Halo Star	4	
0098.hs1841	264	8:17	11:14:30.3	36:39:29	600	90	2.0	#122 Halo Star	4	
0099.COMP	10	8:22	11:14:30.3	36:39:29	600	90	2.0	#122 Halo Star	4	
0100.hs1842	420	8:25	11:14:52.4	16:20:52	600	90	2.0	#122 Halo Star	4	
0101.COMP	10	8:32	11:14:52.4	16:20:52	600	90	2.0	#122 Halo Star	4	
0102.hs1843	444	8:33	11:14:54.5	28:57:28	600	90	2.0	#122 Halo Star	4	
0103.COMP	10	8:41	11:14:54.5	28:57:28	600	90	2.0	#122 Halo Star	4	
0104.hs1891	498	8:43	11:22:55.1	47:58:50	600	90	2.0	#122 Halo Star	4	
0105.COMP	10	8:52	11:22:55.1	47:58:50	600	90	2.0	#122 Halo Star	4	
0106.hs1892	264	8:53	11:23:08.9	8:59:38	600	90	2.0	#122 Halo Star	4	
0107.COMP	10	8:58	11:23:08.9	8:59:38	600	90	2.0	#122 Halo Star	4	
0108.hs1893	576	9:00	11:23:24.2	32:58:10	600	90	2.0	#122 Halo Star	4	
0109.COMP	10	9:10	11:23:24.2	32:58:10	600	90	2.0	#122 Halo Star	4	
0110.hs1894	414	9:11	11:23:24.4	43:46:51	600	90	2.0	#122 Halo Star	4	
0111.COMP	10	9:18	11:23:24.4	43:46:51	600	90	2.0	#122 Halo Star	4	
0112.hs1895	372	9:19	11:23:39.2	39:09:33	600	90	2.0	#122 Halo Star	4	
0113.COMP	10	9:26	11:23:39.2	39:09:33	600	90	2.0	#122 Halo Star	4	

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0114.hs1896	414	9:28	11:24:06.0	51:43:28	600	90	2.0	#122 Halo Star	4	
0115.COMP	10	9:35	11:24:06.0	51:43:28	600	90	2.0	#122 Halo Star	4	
0116.hs1897	264	9:36	11:24:14.3	37:02:19	600	90	2.0	#122 Halo Star	4	
0117.COMP	10	9:41	11:24:14.3	37:02:19	600	90	2.0	#122 Halo Star	4	
0118.hs1898	204	9:42	11:25:20.3	48:19:58	600	90	2.0	#122 Halo Star	4	
0119.COMP	10	9:46	11:25:20.3	48:19:58	600	90	2.0	#122 Halo Star	4	
0120.hs1899	234	9:47	11:25:28.5	38:39:31	600	90	2.0	#122 Halo Star	4	
0121.COMP	10	9:52	11:25:28.5	38:39:31	600	90	2.0	#122 Halo Star	4	
0122.hs1900	450	9:52	11:25:29.6	33:17:14	600	90	2.0	#122 Halo Star	4	
0123.COMP	10	10:00	11:25:29.6	33:17:14	600	90	2.0	#122 Halo Star	4	
0124.hs1915	498	10:02	11:28:26.4	46:28:39	600	90	2.0	#122 Halo Star	4	
0125.COMP	10	10:10	11:28:26.4	46:28:39	600	90	2.0	#122 Halo Star	4	
0126.hs1917	306	10:11	11:28:49.2	39:12:59	600	90	2.0	#122 Halo Star	4	
0127.COMP	10	10:17	11:28:49.2	39:12:59	600	90	2.0	#122 Halo Star	4	
0128.hs1918	504	10:18	11:28:55.7	9:28:54	600	90	2.0	#122 Halo Star	4	
0129.COMP	10	10:27	11:28:55.7	9:28:54	600	90	2.0	#122 Halo Star	4	
0130.hs2694	564	10:29	14:43:05.5	56:15:41	600	90	2.0	#122 Halo Star	4	
0131.COMP	10	10:39	14:43:05.5	56:15:41	600	90	2.0	#122 Halo Star	4	
0132.hs2695	318	10:41	14:44:07.3	66:28:11	600	90	2.0	#122 Halo Star	4	
0133.COMP	10	10:46	14:44:07.3	66:28:11	600	90	2.0	#122 Halo Star	4	

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0134.hs2696	318	10:47	14:44:18.9	68:49:10	600	90	2.0	#122 Halo Star	4	
0135.COMP	10	10:53	14:44:18.9	68:49:10	600	90	2.0	#122 Halo Star	4	
0136.hs2697	396	10:54	14:44:56.8	64:08:15	600	90	2.0	#122 Halo Star	4	
0137.COMP	10	11:01	14:44:56.8	64:08:15	600	90	2.0	#122 Halo Star	4	
0138.hs2698	186	11:02	14:45:27.9	62:11:18	600	90	2.0	#122 Halo Star	4	
0139.COMP	10	11:06	14:45:27.9	62:11:18	600	90	2.0	#122 Halo Star	4	
0140.hs2699	192	11:07	14:46:20.1	56:22:00	600	90	2.0	#122 Halo Star	4	
0141.COMP	10	11:10	14:46:20.1	56:22:00	600	90	2.0	#122 Halo Star	4	
0142.hs2700	546	11:11	14:46:32.7	63:04:10	600	90	2.0	#122 Halo Star	4	
0143.COMP	10	11:21	14:46:32.7	63:04:10	600	90	2.0	#122 Halo Star	4	
0144.hs2701	258	11:22	14:46:39.2	53:09:26	600	90	2.0	#122 Halo Star	4	
0145.COMP	10	11:26	14:46:39.2	53:09:26	600	90	2.0	#122 Halo Star	4	
0146.BDp332642	45	11:28	15:50:03.0	33:05:49	600	90	2.0	#56 Spectropho	4	
0147.COMP	10	11:29	15:50:03.0	33:05:49	600	90	2.0	#56 Spectropho	4	
0148-0157.FLAT	40	11:38	15:50:03.0	33:05:49	600	90	2.0	#122 Halo Star	4	
0158.BDp332642	45	11:43	15:50:03.0	33:05:49	300	94	3.0	#56 Spectropho	2	combo setup
0159.COMP	12	11:44	15:50:03.0	33:05:49	300	94	3.0	#56 Spectropho	2	
0160.sn2004ao	1200	11:48	17:28:09.3	07:24:55	300	-20	3.0	#2 SN Observat	2	
0161.COMP	12	12:09	17:28:09.3	07:24:55	300	-20	3.0	#2 SN Observat	2	
0162-0171.BIAS	0	12:28	12:57:25	25:19:27	300	90	3.0	#64 Cluster In	4	

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0172-0181.FLAT	6	12:32	12:57:25	25:19:27	300	90	3.0	#64 Cluster In	4	
0182-0191.BIAS	0	12:36	12:57:25	25:19:27	300	90	3.0	#64 Cluster In	2	
0192-0201.FLAT	12	12:42	12:57:25	25:19:27	300	90	3.0	#64 Cluster In	2	
0202-0211.DARK	900	14:59	12:57:25	25:19:27	300	90	3.0	#64 Cluster In	2	