

UT Date 2002-03-15 Observers M CalkinsColl. Focus 960 Grating/Grism 300

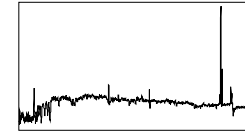
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0001.DARK	900	23:23	03:43:56.0	31:30:01	300	90	3.0	none	4	
0002.DARK	900	23:38	03:59:07.0	31:30:03	300	90	3.0	none	4	
0003.DARK	900	23:53	04:14:18.0	31:30:05	300	90	3.0	none	4	
0004.DARK	900	0:08	04:29:25.0	31:30:07	300	90	3.0	none	4	
0005.DARK	900	0:23	04:44:36.0	31:30:09	300	90	3.0	none	4	
0006.DARK	900	0:39	04:59:43.0	31:30:11	300	90	3.0	none	4	
0007.DARK	900	0:54	05:14:54.0	31:30:14	300	90	3.0	none	4	
0008.DARK	900	1:09	05:30:02.0	31:30:16	300	90	3.0	none	4	
0009.DARK	900	1:24	05:45:13.0	31:30:19	300	90	3.0	none	4	
0010.DARK	900	1:39	06:00:23.0	31:30:21	300	90	3.0	none	4	
0011-0020.BIAS	0	1:55	06:01:42.0	31:30:21	300	90	3.0	none	4	
0021.FLAT	6	1:56	06:02:26.0	31:30:21	300	90	3.0	none	4	
0022-0030.FLAT	6	1:58	06:04:23.0	31:30:22	300	90	3.0	none	4	
0031-0040.BIAS	0	2:01	06:07:20.0	31:30:22	300	90	3.0	none	2	
0041-0050.FLAT	12	2:05	06:11:58.0	31:30:23	300	90	3.0	none	2	
0051.Hiltner600	50	2:15	06:42:37.2	02:11:25	300	90	3.0	#56 Spectropho	4	
0052.Hiltner600	50	2:16	06:42:37.2	02:11:25	300	90	3.0	#56 Spectropho	4	
0053.COMP	5	2:18	06:42:37.2	02:11:25	300	90	3.0	#56 Spectropho	4	
0054.Hiltner600	50	2:20	06:42:37.2	02:11:25	300	90	3.0	#56 Spectropho	2	
0055.Hiltner600	50	2:21	06:42:37.2	02:11:25	300	90	3.0	#56 Spectropho	2	

UT Date 2002-03-15 Observers M CalkinsColl. Focus 960 Grating/Grism 300

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0056.COMP	12	2:22	06:42:37.2	02:11:25	300	90	3.0	#56 Spectropho	2	
0057.Hiltner600	50	2:24	06:42:37.2	02:11:25	300	-7	3.0	#56 Spectropho	2	
0058.Hiltner600	50	2:26	06:42:37.2	02:11:25	300	-7	3.0	#56 Spectropho	2	
0059.COMP	12	2:27	06:42:37.2	02:11:25	300	-7	3.0	#56 Spectropho	2	
0060.HD52971	2	2:33	06:57:51	+27:13:42	300	90	3.0	#57 Velocity S	4	
0061.COMP	5	2:33	06:57:51	+27:13:42	300	90	3.0	#57 Velocity S	4	
0062.HD52971	2	2:34	06:57:51	+27:13:42	300	90	3.0	#57 Velocity S	2	
0063.COMP	12	2:34	06:57:51	+27:13:42	300	90	3.0	#57 Velocity S	2	
0064.BGGem	600	2:41	6:03:31	27:41:50	300	90	3.0	#100 BGGem	2	
0065.COMP	12	2:52	6:03:31	27:41:50	300	90	3.0	#100 BGGem	2	
0066.BGGem	1200	2:52	6:03:31	27:41:50	300	90	3.0	#100 BGGem	2	
0067.COMP	12	3:13	6:03:31	27:41:50	300	90	3.0	#100 BGGem	2	
0068.vso-23144	600	3:16	05:03:13.8	00:43:15	300	90	3.0	112 Orion PMS	2	
0069.COMP	12	3:27	05:03:13.8	00:43:15	300	90	3.0	112 Orion PMS	2	
0070.vso-25916	1020	3:29	05:06:49.1	00:34:33	300	90	3.0	112 Orion PMS	2	
0071.COMP	12	3:47	05:06:49.1	00:34:33	300	90	3.0	112 Orion PMS	2	
0072.vso-29491	1020	3:49	05:11:00.0	00:27:18	300	90	3.0	112 Orion PMS	2	
0073.COMP	12	4:06	05:11:00.0	00:27:18	300	90	3.0	112 Orion PMS	2	
0074.vso-31911	1020	4:09	05:13:41.3	00:39:30	300	90	3.0	112 Orion PMS	2	
0075.COMP	12	4:26	05:13:41.3	00:39:30	300	90	3.0	112 Orion PMS	2	

UT Date 2002-03-15 Observers M CalkinsColl. Focus 960 Grating/Grism 300

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0076.vso-32585	960	4:28	05:14:22.0	00:40:18	300	90	3.0	112 Orion PMS	2	
0077.COMP	12	4:45	05:14:22.0	00:40:18	300	90	3.0	112 Orion PMS	2	
0078.sn2002bf	1020	4:52	10:15:42.3	+55:40:06	300	35	3.0	#2 SN Observat	2	
0079.sn2002bf	1020	5:09	10:15:42.3	+55:40:06	300	35	3.0	#2 SN Observat	2	
0080.COMP	12	5:26	10:15:42.3	+55:40:06	300	35	3.0	#2 SN Observat	2	
0081.sn2002bo	1200	5:40	10:18:06.5	+21:49:41	300	-14	3.0	#2 SN Observat	2	
0082.COMP	12	6:00	10:18:06.5	+21:49:41	300	-14	3.0	#2 SN Observat	2	
0083.sn2002XX	1200	6:07	10:34:08.9	+19:42:20	300	-21	3.0	#2 SN Observat	2	
0084.COMP	12	6:28	10:34:08.9	+19:42:20	300	-21	3.0	#2 SN Observat	2	
0085.FLAT	40	6:34	10:34:08.9	+19:42:20	600	90	2.0	#122 Halo Star	4	600L, 2 arsec, tilt=430
0086-0094.FLAT	40	6:41	10:34:08.9	+19:42:20	600	90	2.0	#122 Halo Star	4	
0095.Feige34	120	6:46	10:36:41.2	43:21:50	600	90	2.0	#122 Halo Star	4	
0096.COMP	10	6:48	10:36:41.2	43:21:50	600	90	2.0	#122 Halo Star	4	
0097.hs815	1200	6:50	11:31:06.5	28:55:26	600	90	2.0	#122 Halo Star	4	
0098.COMP	10	7:11	11:31:06.5	28:55:26	600	90	2.0	#122 Halo Star	4	
0099.hs819	1080	7:12	11:36:37.9	28:48:25	600	90	2.0	#122 Halo Star	4	
0100.COMP	10	7:31	11:36:37.9	28:48:25	600	90	2.0	#122 Halo Star	4	
0101.hs821	1200	7:33	11:38:39.2	29:21:56	600	90	2.0	#122 Halo Star	4	
0102.COMP	10	7:53	11:38:39.2	29:21:56	600	90	2.0	#122 Halo Star	4	
0103.hs822	1200	7:56	11:43:15.0	28:52:52	600	90	2.0	#122 Halo Star	4	

UT Date 2002-03-15 Observers M CalkinsColl. Focus 960 Grating/Grism 300

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0104.COMP	10	8:16	11:43:15.0	28:52:52	600	90	2.0	#122 Halo Star	4	
0105.hs825	1200	8:18	11:46:15.9	29:36:24	600	90	2.0	#122 Halo Star	4	
0106.COMP	10	8:39	11:46:15.9	29:36:24	600	90	2.0	#122 Halo Star	4	
0107.hs826	1200	8:43	11:47:59.4	29:36:43	600	90	2.0	#122 Halo Star	4	
0108.COMP	10	9:03	11:47:59.4	29:36:43	600	90	2.0	#122 Halo Star	4	
0109.hs845	1200	9:05	12:10:01.0	30:17:34	600	90	2.0	#122 Halo Star	4	
0110.COMP	10	9:25	12:10:01.0	30:17:34	600	90	2.0	#122 Halo Star	4	
0111.hs848	1200	9:27	12:13:04.3	30:16:37	600	90	2.0	#122 Halo Star	4	
0112.COMP	10	9:47	12:13:04.3	30:16:37	600	90	2.0	#122 Halo Star	4	
0113.hs849	1200	9:48	12:13:45.4	30:03:01	600	90	2.0	#122 Halo Star	4	
0114.COMP	10	10:09	12:13:45.4	30:03:01	600	90	2.0	#122 Halo Star	4	
0115.hs856	1200	10:10	12:26:10.2	30:07:12	600	90	2.0	#122 Halo Star	4	
0116.COMP	10	10:31	12:26:10.2	30:07:12	600	90	2.0	#122 Halo Star	4	
0117.hs860	1200	10:33	12:33:24.5	29:12:53	600	90	2.0	#122 Halo Star	4	
0118.COMP	10	10:54	12:33:24.5	29:12:53	600	90	2.0	#122 Halo Star	4	
0119.MRK421	300	11:16	11:04:27.4	+38:12:32	300	90	3.0	#133 MRK421	2	normal setup
0120.MRK421	300	11:21	11:04:27.4	+38:12:32	300	90	3.0	#133 MRK421	2	
0121.MRK421	240	11:27	11:04:27.4	+38:12:32	300	90	3.0	#133 MRK421	2	shorten to avoid tele limits
0122.COMP	12	11:31	11:04:27.4	+38:12:32	300	90	3.0	#133 MRK421	2	
0123.FSVSJ162548	1200	11:38	16:25:48.1	26:44:33	300	95	3.0	#131 FSVS	2	

UT Date 2002-03-15 Observers M CalkinsColl. Focus 960 Grating/Grism 300

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0124.FSVSJ162548	1200	11:58	16:25:48.1	26:44:33	300	95	3.0	#131 FSVS	2	
0125.COMP	12	12:19	16:25:48.1	26:44:33	300	95	3.0	#131 FSVS	2	
0126.FSVSJ162710	1200	12:22	16:27:10.0	26:26:56	300	80	3.0	#131 FSVS	2	
0127.COMP	12	12:42	16:27:10.0	26:26:56	300	80	3.0	#131 FSVS	2	
0128.BDp332642	60	12:48	15:50:03	33:05:49	300	90	3.0	#56 Spectropho	2	
0129.COMP	12	12:49	15:50:03	33:05:49	300	90	3.0	#56 Spectropho	2	
0130.BDp332642	60	12:50	15:50:03	33:05:49	300	90	3.0	#56 Spectropho	4	
0131.COMP	5	12:52	15:50:03	33:05:49	300	90	3.0	#56 Spectropho	4	
0132-0136.sky	2	13:12	15:50:03	33:05:49	300	90	3.0	#57 Velocity S	4	
0137.COMP	5	13:12	15:50:03	33:05:49	300	90	3.0	#57 Velocity S	4	
0138-0147.BIAS	0	13:14	15:50:03	33:05:49	300	90	3.0	#57 Velocity S	4	
0148-0157.FLAT	6	13:17	15:50:03	33:05:49	300	90	3.0	#57 Velocity S	4	
0158-0167.BIAS	0	13:19	15:50:03	33:05:49	300	90	3.0	#57 Velocity S	2	
0168-0177.FLAT	12	13:24	15:50:03	33:05:49	300	90	3.0	#57 Velocity S	2	
0178-0187.DARK	900	15:43	15:50:03	33:05:49	300	90	3.0	#57 Velocity S	2	