

UT Date 2002-04-21 Observers M CalkinsColl. Focus 960 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0001-0010.DARK	900	1:32	15:05:07.2	+55:57:18	300	90	3.0	#57 Velocity S	4	
0011-0020.BIAS	0	1:51	15:05:07.2	+55:57:18	300	90	3.0	#57 Velocity S	4	
0021-0030.FLAT	6	1:54	15:05:07.2	+55:57:18	300	90	3.0	#57 Velocity S	4	
0031-0040.BIAS	0	1:56	15:05:07.2	+55:57:18	300	90	3.0	#57 Velocity S	2	
0041-0050.FLAT	12	2:00	15:05:07.2	+55:57:18	300	90	3.0	#57 Velocity S	2	
0051-0055.sky	2	2:19	15:05:07.2	+55:57:18	300	90	3.0	#57 Velocity S	4	
0056.COMP	5	2:20	15:05:07.2	+55:57:18	300	90	3.0	#57 Velocity S	4	
0057.Feige34	90	2:37	10:36:41.2	43:21:50	300	90	3.0	#56 Spectropho	4	
0058.Feige34	90	2:38	10:36:41.2	43:21:50	300	90	3.0	#56 Spectropho	4	
0059.COMP	5	2:40	10:36:41.2	43:21:50	300	90	3.0	#56 Spectropho	4	
0060.Feige34	90	2:41	10:36:41.2	43:21:50	300	90	3.0	#56 Spectropho	2	
0061.Feige34	90	2:43	10:36:41.2	43:21:50	300	90	3.0	#56 Spectropho	2	
0062.COMP	12	2:45	10:36:41.2	43:21:50	300	90	3.0	#56 Spectropho	2	
0063.Feige34	90	2:46	10:36:41.2	43:21:50	300	61	3.0	#56 Spectropho	2	
0064.Feige34	90	2:48	10:36:41.2	43:21:50	300	61	3.0	#56 Spectropho	2	
0065.COMP	12	2:50	10:36:41.2	43:21:50	300	61	3.0	#56 Spectropho	2	
0066.sn2002bo	1200	2:56	10:18:06.5	+21:49:41	300	-46	3.0	#2 SN Observat	2	
0067.COMP	12	3:17	10:18:06.5	+21:49:41	300	-46	3.0	#2 SN Observat	2	
0068.BGGem	300	3:21	6:03:31	27:41:50	300	90	3.0	#100 BGGem	2	
0069.COMP	12	3:26	6:03:31	27:41:50	300	90	3.0	#100 BGGem	2	

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0070.BGGem	780	3:49	6:03:31	27:41:50	300	90	3.0	#100 BGGem	2	rash of telescope runaways...
0071.COMP	12	4:03	6:03:31	27:41:50	300	90	3.0	#100 BGGem	2	
0072.MRK421	300	4:05	11:04:27.4	+38:12:32	300	90	3.0	#133 MRK421	2	
0073.MRK421	300	4:10	11:04:27.4	+38:12:32	300	90	3.0	#133 MRK421	2	
0074.MRK421	300	4:15	11:04:27.4	+38:12:32	300	90	3.0	#133 MRK421	2	
0075.COMP	12	4:21	11:04:27.4	+38:12:32	300	90	3.0	#133 MRK421	2	
0076.FLAT	9	4:27	11:04:27.4	+38:12:32	300	90	5.0	#132 HST FGS R	2	300L, 5 arcsec, tilt=610
0077-0085.FLAT	9	4:30	11:04:27.4	+38:12:32	300	90	5.0	#132 HST FGS R	2	
0086.Feige34	150	4:33	10:36:41.2	43:21:50	300	90	5.0	#56 Spectropho	2	
0087.Feige34	150	4:36	10:36:41.2	43:21:50	300	90	5.0	#56 Spectropho	2	
0088.Feige34	150	4:38	10:36:41.2	43:21:50	300	90	5.0	#56 Spectropho	2	
0089.COMP	9	4:42	10:36:41.2	43:21:50	300	90	5.0	#56 Spectropho	2	
0090.Feige34	90	4:42	10:36:41.2	43:21:50	300	90	5.0	#56 Spectropho	2	
0091.Feige34	90	4:44	10:36:41.2	43:21:50	300	90	5.0	#56 Spectropho	2	
0092.Feige34	90	4:46	10:36:41.2	43:21:50	300	90	5.0	#56 Spectropho	2	
0093.COMP	9	4:48	10:36:41.2	43:21:50	300	90	5.0	#56 Spectropho	2	
0094.AMREF2	480	4:52	12:34:58.3	+37:33:52	300	90	5.0	#132 HSTFGS Re	2	
0095.AMREF2	480	5:00	12:34:58.3	+37:33:52	300	90	5.0	#132 HSTFGS Re	2	
0096.COMP	9	5:09	12:34:58.3	+37:33:52	300	90	5.0	#132 HSTFGS Re	2	
0097.CRBOO	300	5:11	13:48:55.3	+07:57:35	300	90	5.0	#132 HSTFGS Re	2	

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0098.CRBOO	300	5:16	13:48:55.3	+07:57:35	300	90	5.0	#132 HSTFGS Re	2	
0099.CRBOO	300	5:21	13:48:55.3	+07:57:35	300	90	5.0	#132 HSTFGS Re	2	
0100.COMP	9	5:27	13:48:55.3	+07:57:35	300	90	5.0	#132 HSTFGS Re	2	
0101.CRREF1	600	5:28	13:49:07.9	+07:58:35	300	90	5.0	#132 HSTFGS Re	2	
0102.CRREF1	600	5:38	13:49:07.9	+07:58:35	300	90	5.0	#132 HSTFGS Re	2	
0103.COMP	9	5:49	13:49:07.9	+07:58:35	300	90	5.0	#132 HSTFGS Re	2	
0104.CRREF2	90	5:50	13:49:11.5	+07:57:51	300	90	5.0	#132 HSTFGS Re	2	
0105.CRREF2	90	5:51	13:49:11.5	+07:57:51	300	90	5.0	#132 HSTFGS Re	2	
0106.CRREF2	90	5:53	13:49:11.5	+07:57:51	300	90	5.0	#132 HSTFGS Re	2	
0107.COMP	9	5:55	13:49:11.5	+07:57:51	300	90	5.0	#132 HSTFGS Re	2	
0108.CRREF3	900	5:57	13:48:53.4	+07:56:47	300	90	5.0	#132 HSTFGS Re	2	
0109.CRREF3	900	6:12	13:48:53.4	+07:56:47	300	90	5.0	#132 HSTFGS Re	2	
0110.COMP	9	6:28	13:48:53.4	+07:56:47	300	90	5.0	#132 HSTFGS Re	2	
0111.CRREF4	900	6:30	13:48:49.5	+07:57:43	300	100	5.0	#132 HSTFGS Re	2	
0112.CRREF4	900	6:45	13:48:49.5	+07:57:43	300	100	5.0	#132 HSTFGS Re	2	
0113.COMP	9	7:01	13:48:49.5	+07:57:43	300	100	5.0	#132 HSTFGS Re	2	
0114.CRREF5	3	7:02	13:48:34.7	+07:57:36	300	90	5.0	#132 HSTFGS Re	2	
0115.COMP	9	7:03	13:48:34.7	+07:57:36	300	90	5.0	#132 HSTFGS Re	2	
0116.CRREF5	2	7:04	13:48:34.7	+07:57:36	300	90	5.0	#132 HSTFGS Re	2	
0117.CRREF5	2	7:04	13:48:34.7	+07:57:36	300	90	5.0	#132 HSTFGS Re	2	

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0118.CRREF5	2	7:04	13:48:34.7	+07:57:36	300	90	5.0	#132 HSTFGS Re	2	
0119.COMP	9	7:05	13:48:34.7	+07:57:36	300	90	5.0	#132 HSTFGS Re	2	
0120.CRREF6	300	7:08	13:48:38.4	+07:57:03	300	90	5.0	#132 HSTFGS Re	2	
0121.CRREF6	300	7:13	13:48:38.4	+07:57:03	300	90	5.0	#132 HSTFGS Re	2	
0122.CRREF6	300	7:18	13:48:38.4	+07:57:03	300	90	5.0	#132 HSTFGS Re	2	
0123.COMP	9	7:24	13:48:38.4	+07:57:03	300	90	5.0	#132 HSTFGS Re	2	
0124.CRREF7	150	7:26	13:48:25.8	+07:57:04	300	90	5.0	#132 HSTFGS Re	2	
0125.CRREF7	150	7:29	13:48:25.8	+07:57:04	300	90	5.0	#132 HSTFGS Re	2	
0126.CRREF7	150	7:31	13:48:25.8	+07:57:04	300	90	5.0	#132 HSTFGS Re	2	
0127.COMP	9	7:34	13:48:25.8	+07:57:04	300	90	5.0	#132 HSTFGS Re	2	
0128.GPCOM	600	7:37	13:05:43.4	+18:01:02	300	90	5.0	#132 HSTFGS Re	2	
0129.GPCOM	600	7:47	13:05:43.4	+18:01:02	300	90	5.0	#132 HSTFGS Re	2	
0130.COMP	9	7:58	13:05:43.4	+18:01:02	300	90	5.0	#132 HSTFGS Re	2	
0131.GPREF1and4	360	8:17	13:05:36.2	+18:01:09	300	90	5.0	#132 HSTFGS Re	2	1 is on row 63
0132.GPREF1and4	360	8:24	13:05:36.2	+18:01:09	300	90	5.0	#132 HSTFGS Re	2	4 is on row 85
0133.GPREF1and4	360	8:30	13:05:36.2	+18:01:09	300	-56	5.0	#132 HSTFGS Re	2	
0134.COMP	9	8:36	13:05:36.2	+18:01:09	300	-56	5.0	#132 HSTFGS Re	2	
0135.GPREF2	300	8:39	13:05:34.0	+18:00:15	300	90	5.0	#132 HSTFGS Re	2	
0136.GPREF2	300	8:44	13:05:34.0	+18:00:15	300	90	5.0	#132 HSTFGS Re	2	
0137.GPREF2	300	8:50	13:05:34.0	+18:00:15	300	90	5.0	#132 HSTFGS Re	2	

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0138.COMP	9	8:55	13:05:34.0	+18:00:15	300	90	5.0	#132 HSTFGS Re	2	
0139.GPREF3	300	8:56	13:05:39.4	+18:02:44	300	90	5.0	#132 HSTFGS Re	2	
0140.GPREF3	300	9:01	13:05:39.4	+18:02:44	300	90	5.0	#132 HSTFGS Re	2	
0141.GPREF3	300	9:07	13:05:39.4	+18:02:44	300	90	5.0	#132 HSTFGS Re	2	
0142.COMP	9	9:12	13:05:39.4	+18:02:44	300	90	5.0	#132 HSTFGS Re	2	
0143.GPREF5	480	9:13	13:05:45.8	+17:58:48	300	90	5.0	#132 HSTFGS Re	2	
0144.GPREF5	480	9:22	13:05:45.8	+17:58:48	300	90	5.0	#132 HSTFGS Re	2	
0145.COMP	9	9:31	13:05:45.8	+17:58:48	300	90	5.0	#132 HSTFGS Re	2	
0146.BDp332642	120	9:33	15:50:03	33:05:49	300	90	5.0	#132 HSTFGS Re	2	
0147.BDp332642	120	9:35	15:50:03	33:05:49	300	90	5.0	#132 HSTFGS Re	2	
0148.BDp332642	120	9:37	15:50:03	33:05:49	300	90	5.0	#132 HSTFGS Re	2	
0149.COMP	9	9:40	15:50:03	33:05:49	300	90	5.0	#132 HSTFGS Re	2	
0150.BDp332642	60	9:41	15:50:03	33:05:49	300	90	5.0	#132 HSTFGS Re	2	
0151.BDp332642	60	9:42	15:50:03	33:05:49	300	90	5.0	#132 HSTFGS Re	2	
0152.BDp332642	60	9:43	15:50:03	33:05:49	300	90	5.0	#132 HSTFGS Re	2	
0153.COMP	9	9:45	15:50:03	33:05:49	300	90	5.0	#132 HSTFGS Re	2	
0154.BDp332642	90	9:48	15:50:03	33:05:49	300	100	3.0	#132 HSTFGS Re	2	normal setup
0155.BDp332642	90	9:50	15:50:03	33:05:49	300	100	3.0	#132 HSTFGS Re	2	
0156.COMP	12	9:52	15:50:03	33:05:49	300	100	3.0	#132 HSTFGS Re	2	
0157.snu10301	1200	9:54	16:15:37.9	31:19:17	300	79	3.0	#2 SN Observat	2	

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0158.COMP	12	10:15	16:15:37.9	31:19:17	300	79	3.0	#2 SN Observat	2	
0159.a2199s_043	300	10:18	16:23:16.5	39:55:11	300	90	3.0	#64 Cluster In	2	
0160.COMP	12	10:24	16:23:16.5	39:55:11	300	90	3.0	#64 Cluster In	2	
0161.a2199s_044	480	10:25	16:23:21.0	37:15:30	300	90	3.0	#64 Cluster In	2	
0162.COMP	12	10:33	16:23:21.0	37:15:30	300	90	3.0	#64 Cluster In	2	
0163.a2199s_045	540	10:34	16:23:22.8	41:39:04	300	90	3.0	#64 Cluster In	2	
0164.COMP	12	10:44	16:23:22.8	41:39:04	300	90	3.0	#64 Cluster In	2	
0165.a2199s_046	240	10:45	16:23:27.7	41:42:22	300	90	3.0	#64 Cluster In	2	
0166.COMP	12	10:49	16:23:27.7	41:42:22	300	90	3.0	#64 Cluster In	2	
0167.a2199s_047	360	10:51	16:23:32.7	39:07:15	300	90	3.0	#64 Cluster In	2	row=72
0168.COMP	12	10:58	16:23:32.7	39:07:15	300	90	3.0	#64 Cluster In	2	
0169.a2199s_048	1020	11:00	16:23:37.9	39:12:12	300	90	3.0	#64 Cluster In	2	
0170.COMP	12	11:18	16:23:37.9	39:12:12	300	90	3.0	#64 Cluster In	2	
0171.a2199s_049	300	11:19	16:23:38.6	35:00:40	300	90	3.0	#64 Cluster In	2	
0172.COMP	12	11:25	16:23:38.6	35:00:40	300	90	3.0	#64 Cluster In	2	
0173.a2199s_052	270	11:26	16:25:26.0	39:52:14	300	90	3.0	#64 Cluster In	2	
0174.COMP	12	11:31	16:25:26.0	39:52:14	300	90	3.0	#64 Cluster In	2	
0175.sn2002cd	1200	11:37	20:23:34.4	+58:20:47	300	54	3.0	#2 SN Observat	2	
0176.COMP	12	11:58	20:23:34.4	+58:20:47	300	54	3.0	#2 SN Observat	2	
0177.BDp332642	90	12:01	15:50:03	33:05:49	300	90	3.0	#56 Spectropho	2	

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0178.COMP	12	12:03	15:50:03	33:05:49	300	90	3.0	#56 Spectropho	2	
0179-0188.BIAS	0	12:08	15:50:03	33:05:49	300	90	3.0	#56 Spectropho	4	
0189-0198.FLAT	6	12:10	15:50:03	33:05:49	300	90	3.0	#56 Spectropho	4	
0199-0208.BIAS	0	12:13	15:50:03	33:05:49	300	90	3.0	#56 Spectropho	2	
0209-0218.FLAT	12	12:17	15:50:03	33:05:49	300	90	3.0	#56 Spectropho	2	
0219-0228.DARK	900	14:37	15:50:03	33:05:49	300	90	3.0	#56 Spectropho	2	