

UT Date 2004-07-07 Observers CalkinsColl. Focus 1000 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0001.DARK	900	23:13	11:05:43.8	+31:31:04	300	90	3.0	#126 TOO GRB A	4	
0002.DARK	900	23:29	11:20:54.3	+31:31:05	300	90	3.0	#126 TOO GRB A	4	
0003.DARK	900	23:44	11:36:05.0	+31:31:06	300	90	3.0	#126 TOO GRB A	4	
0004-0007.DARK	900	0:44	12:36:40.0	+31:31:07	300	90	3.0	#126 TOO GRB A	4	
0008.DARK	900	0:59	12:51:50.6	+31:31:06	300	90	3.0	#126 TOO GRB A	4	
0009.DARK	900	1:14	13:06:57.7	+31:31:05	300	90	3.0	#126 TOO GRB A	4	
0010.DARK	900	1:29	13:22:08.1	+31:31:04	300	90	3.0	#126 TOO GRB A	4	
0011-0020.BIAS	0	3:07	14:44:55.0	+31:30:51	300	90	3.0	#126 TOO GRB A	4	
0021-0030.FLAT	6	3:09	14:47:27.0	+31:30:51	300	90	3.0	#126 TOO GRB A	4	
0031-0040.BIAS	0	3:12	14:50:02.9	+31:30:50	300	90	3.0	#126 TOO GRB A	2	
0041-0043.FLAT	12	3:14	14:52:04.8	+31:30:50	300	90	3.0	#126 TOO GRB A	2	
0044-0050.FLAT	12	3:17	14:54:54.1	+31:30:49	300	90	3.0	#126 TOO GRB A	2	
0051.BDp262606	15	3:29	14:49:02.3	+25:42:09	300	90	3.0	#56 Spectropho	2	
0052.BDp262606	15	3:30	14:49:02.3	+25:42:09	300	90	3.0	#56 Spectropho	2	
0053.COMP	12	3:31	14:49:02.3	+25:42:09	300	90	3.0	#56 Spectropho	2	
0054.BDp262606	18	3:33	14:49:02.3	+25:42:09	300	36	3.0	#56 Spectropho	2	
0055.BDp262606	18	3:33	14:49:02.3	+25:42:09	300	36	3.0	#56 Spectropho	2	
0056.COMP	12	3:34	14:49:02.3	+25:42:09	300	36	3.0	#56 Spectropho	2	
0057.BDp332642	90	3:37	15:50:03.0	33:05:49	300	90	3.0	#56 Spectropho	4	
0058.BDp332642	90	3:38	15:50:03.0	33:05:49	300	90	3.0	#56 Spectropho	4	

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0059.COMP	12	3:40	15:50:03.0	33:05:49	300	90	3.0	#56 Spectropho	4	
0060.BDp332642	70	3:43	15:50:03.0	33:05:49	300	83	3.0	#56 Spectropho	2	
0061.BDp332642	70	3:44	15:50:03.0	33:05:49	300	83	3.0	#56 Spectropho	2	
0062.COMP	12	3:46	15:50:03.0	33:05:49	300	83	3.0	#56 Spectropho	2	
0063.MRK421	300	3:48	11:04:27.4	+38:12:32	300	90	3.0	#133 MRK421 an	2	
0064.MRK421	300	3:53	11:04:27.4	+38:12:32	300	90	3.0	#133 MRK421 an	2	
0065.MRK421	300	3:58	11:04:27.4	+38:12:32	300	90	3.0	#133 MRK421 an	2	
0066.COMP	12	4:03	11:04:27.4	+38:12:32	300	90	3.0	#133 MRK421 an	2	
0067.TXCVn	10	4:05	12:44:42	36:45:48	300	90	3.0	#12 Symbiotic	2	
0068.TXCVn	30	4:06	12:44:42	36:45:48	300	90	3.0	#12 Symbiotic	2	
0069.COMP	12	4:07	12:44:42	36:45:48	300	90	3.0	#12 Symbiotic	2	
0070.RWHya	2	4:09	13:34:18	-25:22:51	300	90	3.0	#12 Symbiotic	2	lotsa clouds
0071.RWHya	10	4:09	13:34:18	-25:22:51	300	90	3.0	#12 Symbiotic	2	
0072.RWHya	20	4:10	13:34:18	-25:22:51	300	90	3.0	#12 Symbiotic	2	
0073.RWHya	45	4:11	13:34:18	-25:22:51	300	90	3.0	#12 Symbiotic	2	
0074.RWHya	5	4:12	13:34:18	-25:22:51	300	90	3.0	#12 Symbiotic	2	
0075.COMP	12	4:13	13:34:18	-25:22:51	300	90	3.0	#12 Symbiotic	2	
0076.sn2004cu	1200	4:19	14:18:29.8	12:53:3	300	46	3.0	#2 SN Observat	2	row=79
0077.sn2004cu	1200	4:39	14:18:29.8	12:53:3	300	46	3.0	#2 SN Observat	2	
0078.COMP	12	5:00	14:18:29.8	12:53:3	300	46	3.0	#2 SN Observat	2	

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0079.sn2004ct	1200	5:08	15:43:45.7	28:24:59	300	73	3.0	#2 SN Observat	2	more clouds....
0080.sn2004ct	1200	5:29	15:43:45.7	28:24:59	300	73	3.0	#2 SN Observat	2	
0081.COMP	12	5:49	15:43:45.7	28:24:59	300	73	3.0	#2 SN Observat	2	
0082.TCrB	15	5:51	15:59:30	25:55:12	300	90	3.0	#12 Symbiotic	2	
0083.TCrB	70	5:52	15:59:30	25:55:12	300	90	3.0	#12 Symbiotic	2	
0084.COMP	12	5:54	15:59:30	25:55:12	300	90	3.0	#12 Symbiotic	2	
0085.AGDra	2	5:56	16:01:41	66:48:10	300	90	3.0	#12 Symbiotic	2	
0086.AGDra	15	5:56	16:01:41	66:48:10	300	90	3.0	#12 Symbiotic	2	
0087.AGDra	45	5:57	16:01:41	66:48:10	300	90	3.0	#12 Symbiotic	2	
0088.COMP	12	5:58	16:01:41	66:48:10	300	90	3.0	#12 Symbiotic	2	
0089.DracoC1	1200	6:00	17:19:58	57:50:06	300	90	3.0	#12 Symbiotic	2	
0090.COMP	12	6:20	17:19:58	57:50:06	300	90	3.0	#12 Symbiotic	2	
0091.RSOph	11	6:22	17:50:13	-06:42:30	300	90	3.0	#12 Symbiotic	2	
0092.RSOph	65	6:23	17:50:13	-06:42:30	300	90	3.0	#12 Symbiotic	2	
0093.RSOph	150	6:24	17:50:13	-06:42:30	300	90	3.0	#12 Symbiotic	2	
0094.COMP	12	6:27	17:50:13	-06:42:30	300	90	3.0	#12 Symbiotic	2	
0095.YYHer	10	6:29	18:14:34	20:59:19	300	90	3.0	#12 Symbiotic	2	
0096.YYHer	90	6:29	18:14:34	20:59:19	300	90	3.0	#12 Symbiotic	2	
0097.COMP	12	6:33	18:14:34	20:59:19	300	90	3.0	#12 Symbiotic	2	
0098.V443Her	5	6:34	18:22:07	23:27:20	300	90	3.0	#12 Symbiotic	2	

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0099.V443Her	45	6:35	18:22:07	23:27:20	300	90	3.0	#12 Symbiotic	2	
0100.V443Her	90	6:36	18:22:07	23:27:20	300	90	3.0	#12 Symbiotic	2	
0101.COMP	12	6:38	18:22:07	23:27:20	300	90	3.0	#12 Symbiotic	2	
0102.BFCyg	2	6:40	19:23:53	29:40:27	300	90	3.0	#12 Symbiotic	2	
0103.BFCyg	60	6:40	19:23:53	29:40:27	300	90	3.0	#12 Symbiotic	2	
0104.COMP	12	6:41	19:23:53	29:40:27	300	90	3.0	#12 Symbiotic	2	
0105.CHCyg	1	6:43	19:24:33	50:14:30	300	90	3.0	#12 Symbiotic	2	
0106.CHCyg	5	6:43	19:24:33	50:14:30	300	90	3.0	#12 Symbiotic	2	
0107.CHCyg	30	6:43	19:24:33	50:14:30	300	90	3.0	#12 Symbiotic	2	
0108.COMP	12	6:44	19:24:33	50:14:30	300	90	3.0	#12 Symbiotic	2	
0109.CICyg	2	6:45	19:50:12	35:41:02	300	90	3.0	#12 Symbiotic	2	
0110.CICyg	20	6:46	19:50:12	35:41:02	300	90	3.0	#12 Symbiotic	2	
0111.CICyg	60	6:46	19:50:12	35:41:02	300	90	3.0	#12 Symbiotic	2	
0112.COMP	12	6:48	19:50:12	35:41:02	300	90	3.0	#12 Symbiotic	2	
0113.sn2004cs	960	7:22	17:50:14.3	14:16:59	300	40	3.0	#2 SN Observat	2	row=78, shorten for clouds...
0114.COMP	12	7:42	17:50:14.3	14:16:59	300	40	3.0	#2 SN Observat	2	wait out clouds...
0115.sn2004cs	1200	8:51	17:50:14.3	14:16:59	300	57	3.0	#2 SN Observat	2	
0116.COMP	12	9:12	17:50:14.3	14:16:59	300	57	3.0	#2 SN Observat	2	
0117.3C390.3	300	9:19	18:42:09.1	79:46:17	300	90	3.0	#6 AGN Monitor	2	
0118.3C390.3	300	9:24	18:42:09.1	79:46:17	300	90	3.0	#6 AGN Monitor	2	

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0119.3C390.3	300	9:29	18:42:09.1	79:46:17	300	90	3.0	#6 AGN Monitor	2	
0120.COMP	12	9:35	18:42:09.1	79:46:17	300	90	3.0	#6 AGN Monitor	2	
0121.MRK509	240	9:38	20:44:09.8	-10:43:24	300	90	3.0	#6 AGN Monitor	2	
0122.MRK509	240	9:42	20:44:09.8	-10:43:24	300	90	3.0	#6 AGN Monitor	2	
0123.COMP	12	9:47	20:44:09.8	-10:43:24	300	90	3.0	#6 AGN Monitor	2	
0124.Akn564	210	9:50	22:42:39.4	+29:43:31	300	90	3.0	#6 AGN Monitor	2	
0125.Akn564	210	9:53	22:42:39.4	+29:43:31	300	90	3.0	#6 AGN Monitor	2	
0126.COMP	12	9:57	22:42:39.4	+29:43:31	300	90	3.0	#6 AGN Monitor	2	more clouds...
0127.XS00755B3_010	780	10:41	22:24:11.8	65:46:04	300	90	3.0	#152 ChaMPlane	2	
0128.COMP	12	10:54	22:24:11.8	65:46:04	300	90	3.0	#152 ChaMPlane	2	
0129.XS00755B6_001	120	10:55	22:25:46.5	65:32:28	300	90	3.0	#152 ChaMPlane	2	
0130.COMP	12	10:58	22:25:46.5	65:32:28	300	90	3.0	#152 ChaMPlane	2	
0131.XS00755B6_002	10	10:59	22:26:02.0	65:31:46	300	90	3.0	#152 ChaMPlane	2	
0132.COMP	12	11:00	22:26:02.0	65:31:46	300	90	3.0	#152 ChaMPlane	2	
0133.XS00755B7_001	10	11:01	22:26:35.9	65:35:38	300	90	3.0	#152 ChaMPlane	2	
0134.COMP	12	11:02	22:26:35.9	65:35:38	300	90	3.0	#152 ChaMPlane	2	
0135.N7469	180	11:06	23:03:15.7	+08:52:27	300	90	3.0	#6 AGN Monitor	2	
0136.N7469	180	11:09	23:03:15.7	+08:52:27	300	90	3.0	#6 AGN Monitor	2	
0137.COMP	12	11:13	23:03:15.7	+08:52:27	300	90	3.0	#6 AGN Monitor	2	
0138.MRK335	180	11:14	00:06:19.6	+20:12:11	300	90	3.0	#6 AGN Monitor	2	

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0139.MRK335	180	11:18	00:06:19.6	+20:12:11	300	90	3.0	#6 AGN Monitor	2	
0140.COMP	12	11:21	00:06:19.6	+20:12:11	300	90	3.0	#6 AGN Monitor	2	
0141.ZAnd	2	11:23	23:33:40	48:49:06	300	90	3.0	#12 Symbiotic	2	
0142.ZAnd	10	11:23	23:33:40	48:49:06	300	90	3.0	#12 Symbiotic	2	
0143.ZAnd	60	11:24	23:33:40	48:49:06	300	90	3.0	#12 Symbiotic	2	
0144.COMP	12	11:26	23:33:40	48:49:06	300	90	3.0	#12 Symbiotic	2	
0145.RAqr	0	11:28	23:43:49	-15:17:05	300	90	3.0	#12 Symbiotic	2	fighting clouds...
0146.RAqr	1	11:28	23:43:49	-15:17:05	300	90	3.0	#12 Symbiotic	2	
0147.RAqr	10	11:29	23:43:49	-15:17:05	300	90	3.0	#12 Symbiotic	2	
0148.RAqr	40	11:30	23:43:49	-15:17:05	300	90	3.0	#12 Symbiotic	2	clouds fighting back....
0149.RAqr	90	11:31	23:43:49	-15:17:05	300	90	3.0	#12 Symbiotic	2	
0150.COMP	12	11:33	23:43:49	-15:17:05	300	90	3.0	#12 Symbiotic	2	
0151.EGAnd	1	11:35	0:44:37	40:40:47	300	90	3.0	#12 Symbiotic	2	
0152.EGAnd	5	11:36	0:44:37	40:40:47	300	90	3.0	#12 Symbiotic	2	
0153.EGAnd	20	11:36	0:44:37	40:40:47	300	90	3.0	#12 Symbiotic	2	
0154.EGAnd	60	11:37	0:44:37	40:40:47	300	90	3.0	#12 Symbiotic	2	
0155.COMP	12	11:38	0:44:37	40:40:47	300	90	3.0	#12 Symbiotic	2	clouds win....
0156-0165.BIAS	0	11:46	21:48:57.1	28:37:48	300	90	3.0	#2 SN Observat	4	
0166-0175.FLAT	6	11:49	21:48:57.1	28:37:48	300	90	3.0	#2 SN Observat	4	
0176-0185.BIAS	0	11:51	21:48:57.1	28:37:48	300	90	3.0	#2 SN Observat	2	

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0186-0195.FLAT	12	11:56	21:48:57.1	28:37:48	300	90	3.0	#2 SN Observat	2	
0196-0205.DARK	900	14:15	21:48:57.1	28:37:48	300	90	3.0	#2 SN Observat	2	