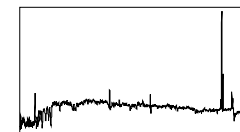


UT Date 2012-05-12 Observers M CalkinsColl. Focus 1310 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001-0010.BIAS	0	23:26	07:07:53.6	+31:31:49	300	89	3.0	#12 Symbiotic	4	
0011-0030.FLAT	7	23:34	07:07:53.6	+31:31:49	300	89	3.0	#12 Symbiotic	2	
0031-0040.BIAS	0	23:41	07:07:53.6	+31:31:49	300	89	3.0	#12 Symbiotic	2	
0041-0050.DARK	900	02:09	07:07:53.6	+31:31:49	300	89	3.0	#12 Symbiotic	2	
0051.HD84937	20	03:16	09:48:56.1	+13:44:39	300	89	3.0	#56 Spectropho	2	excellent seeing
0052.COMP	10	03:17	09:48:56.1	+13:44:39	300	90	3.0	#56 Spectropho	2	
0053.Feige34	150	03:20	10:39:36.7	+43:06:09	300	89	3.0	#56 Spectropho	2	
0054.COMP	10	03:23	10:39:36.7	+43:06:09	300	91	3.0	#56 Spectropho	2	
0055.sn2010j1	1800	03:27	09:42:53.3	+09:29:42	300	91	3.0	#2 SN Observat	2	
0056.COMP	10	03:57	09:42:53.3	+09:29:42	300	90	3.0	#2 SN Observat	2	
0057.TXCVn	10	04:00	12:44:42.0	+36:45:48	300	90	3.0	#12 Symbiotic	2	
0058.TXCVn	30	04:01	12:44:42.0	+36:45:48	300	90	3.0	#12 Symbiotic	2	
0059.COMP	10	04:02	12:44:42.0	+36:45:48	300	83	3.0	#12 Symbiotic	2	
0060.bcg019	240	04:05	10:22:10.0	+38:31:24	300	89	3.0	#210 Brightest	2	need more cnts
0061.COMP	10	04:10	10:22:10.0	+38:31:24	300	88	3.0	#210 Brightest	2	
0062.css1204	1800	04:23	11:11:26.9	+57:12:39	300	88	3.0	#2 SN Observat	2	
0063.COMP	10	04:54	11:11:26.9	+57:12:39	300	88	3.0	#2 SN Observat	2	
0064.sn2012A	1800	04:58	10:25:07.4	+17:09:15	300	40	3.0	#2 SN Observat	2	
0065.COMP	10	05:30	10:25:07.4	+17:09:15	300	40	3.0	#2 SN Observat	2	
0066.psn1322	1800	05:33	13:22:35.0	+54:48:48	300	87	3.0	#2 SN Observat	2	

UT Date 2012-05-12 Observers M CalkinsColl. Focus 1310 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0067.COMP	10	06:05	13:22:35.0	+54:48:48	300	89	3.0	#2 SN Observat	2	
0068.bcg019	480	06:07	10:22:10.0	+38:31:24	300	90	3.0	#210 Brightest	2	
0069.COMP	10	06:16	10:22:10.0	+38:31:24	300	90	3.0	#210 Brightest	2	
0070.RWHya	2	06:19	13:34:18.0	-25:22:51	300	90	3.0	#12 Symbiotic	2	
0071.RWHya	10	06:19	13:34:18.0	-25:22:51	300	90	3.0	#12 Symbiotic	2	
0072.RWHya	20	06:19	13:34:18.0	-25:22:51	300	90	3.0	#12 Symbiotic	2	
0073.COMP	10	06:20	13:34:18.0	-25:22:51	300	90	3.0	#12 Symbiotic	2	
0074.TCrB	15	06:23	15:59:30.0	+25:55:12	300	90	3.0	#12 Symbiotic	2	
0075.TCrB	60	06:23	15:59:30.0	+25:55:12	300	90	3.0	#12 Symbiotic	2	
0076.COMP	10	06:25	15:59:30.0	+25:55:12	300	90	3.0	#12 Symbiotic	2	
0077.sn2011jm	1800	06:29	12:54:51.1	+02:39:15	300	90	3.0	#2 SN Observat	2	
0078.COMP	10	06:59	12:54:51.1	+02:39:15	300	90	3.0	#2 SN Observat	2	
0079.sn2012bh	1800	07:02	12:13:37.3	+46:29:01	300	90	3.0	#2 SN Observat	2	
0080.COMP	10	07:33	12:13:37.3	+46:29:01	300	90	3.0	#2 SN Observat	2	
0081.N4853	300	07:41	12:58:35.2	+27:35:47	300	90	3.0	#57 Velocity S	2	
0082.COMP	10	07:47	12:58:35.2	+27:35:47	300	90	3.0	#57 Velocity S	2	
0083.2001_WC47	420	07:52	13:17:38.3	+12:05:05	300	90	3.0	#173 Taxonomic	2	
0084.2001_WC47	420	07:59	13:17:38.3	+12:05:05	300	90	3.0	#173 Taxonomic	2	
0085.2001_WC47	420	08:06	13:17:38.3	+12:05:05	300	90	3.0	#173 Taxonomic	2	
0086.COMP	10	08:13	13:17:38.3	+12:05:05	300	90	3.0	#173 Taxonomic	2	

UT Date 2012-05-12 Observers M CalkinsColl. Focus 1310 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0087.1996.SK	360	08:17	16:24:44.0	-16:35:22	300	90	3.0	#173 Taxonomic	2	
0088.1996.SK	360	08:23	16:24:44.0	-16:35:22	300	90	3.0	#173 Taxonomic	2	
0089.1996.SK	360	08:29	16:24:44.0	-16:35:22	300	90	3.0	#173 Taxonomic	2	
0090.COMP	10	08:36	16:24:44.0	-16:35:22	300	90	3.0	#173 Taxonomic	2	
0091.SA105m56	40	08:38	13:38:42.0	-01:14:17	300	90	3.0	#173 Taxonomic	2	
0092.COMP	10	08:39	13:38:42.0	-01:14:17	300	90	3.0	#173 Taxonomic	2	
0093.SA105m56	40	08:40	13:38:42.0	-01:14:17	300	49	3.0	#173 Taxonomic	2	
0094.COMP	10	08:42	13:38:42.0	-01:14:17	300	49	3.0	#173 Taxonomic	2	
0095.18.SCO	5	08:44	16:15:37.0	-08:22:10	300	89	3.0	#173 Taxonomic	2	
0096.18.SCO	1	08:44	16:15:37.0	-08:22:10	300	89	3.0	#173 Taxonomic	2	
0097.18.SCO	1	08:45	16:15:37.0	-08:22:10	300	89	3.0	#173 Taxonomic	2	
0098.COMP	10	08:45	16:15:37.0	-08:22:10	300	89	3.0	#173 Taxonomic	2	
0099.2011.WV134	540	08:49	18:51:08.3	+31:05:32	300	89	3.0	#173 Taxonomic	2	
0100.2011.WV134	540	08:58	18:51:08.3	+31:05:32	300	89	3.0	#173 Taxonomic	2	
0101.2011.WV134	540	09:07	18:51:08.3	+31:05:32	300	89	3.0	#173 Taxonomic	2	
0102.COMP	10	09:17	18:51:08.3	+31:05:32	300	89	3.0	#173 Taxonomic	2	
0103.SA110m361	360	09:19	18:42:45.0	+00:08:05	300	89	3.0	#173 Taxonomic	2	
0104.COMP	10	09:25	18:42:45.0	+00:08:05	300	89	3.0	#173 Taxonomic	2	
0105.FLAT	7	09:31	18:42:45.0	+00:08:05	300	89	3.0	#173 Taxonomic	2	red tilt, tiltpos=700
0106-0114.FLAT	7	09:34	18:42:45.0	+00:08:05	300	89	3.0	#173 Taxonomic	2	

UT Date 2012-05-12 Observers M CalkinsColl. Focus 1310 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0115.2011_WV134	540	09:38	18:50:57.6	+31:01:45	300	89	3.0	#173 Taxonomic	2	
0116.2011_WV134	540	09:47	18:50:57.6	+31:01:45	300	89	3.0	#173 Taxonomic	2	
0117.2011_WV134	540	09:56	18:50:57.6	+31:01:45	300	89	3.0	#173 Taxonomic	2	
0118.COMP	10	10:06	18:50:57.6	+31:01:45	300	89	3.0	#173 Taxonomic	2	
0119.SA110m361	360	10:07	18:42:45.0	+00:08:05	300	89	3.0	#173 Taxonomic	2	
0120.COMP	10	10:14	18:42:45.0	+00:08:05	300	89	3.0	#173 Taxonomic	2	
0121.AS210	2	10:24	16:51:20.3	-26:00:33	300	89	3.0	#12 Symbiotic	2	combo setup
0122.AS210	5	10:24	16:51:20.3	-26:00:33	300	89	3.0	#12 Symbiotic	2	
0123.AS210	300	10:24	16:51:20.3	-26:00:33	300	89	3.0	#12 Symbiotic	2	
0124.COMP	10	10:30	16:51:20.3	-26:00:33	300	90	3.0	#12 Symbiotic	2	
0125.Hen1341	12	10:32	17:08:36.0	-17:26:30	300	90	3.0	#12 Symbiotic	2	
0126.Hen1341	30	10:33	17:08:36.0	-17:26:30	300	90	3.0	#12 Symbiotic	2	
0127.Hen1341	60	10:34	17:08:36.0	-17:26:30	300	90	3.0	#12 Symbiotic	2	
0128.COMP	10	10:35	17:08:36.0	-17:26:30	300	90	3.0	#12 Symbiotic	2	
0129.AGDra	2	10:38	16:01:41.0	+66:48:10	300	90	3.0	#12 Symbiotic	2	
0130.AGDra	15	10:38	16:01:41.0	+66:48:10	300	90	3.0	#12 Symbiotic	2	
0131.AGDra	60	10:39	16:01:41.0	+66:48:10	300	90	3.0	#12 Symbiotic	2	
0132.COMP	10	10:40	16:01:41.0	+66:48:10	300	90	3.0	#12 Symbiotic	2	
0133.DracoC1	1200	10:43	17:19:58.0	+57:50:06	300	90	3.0	#12 Symbiotic	2	
0134.COMP	10	11:03	17:19:58.0	+57:50:06	300	90	3.0	#12 Symbiotic	2	

UT Date 2012-05-12 Observers M CalkinsColl. Focus 1310 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0135.AS281	60	11:09	18:10:44.0	-27:57:57	300	90	3.0	#12 Symbiotic	2	
0136.AS281	360	11:10	18:10:44.0	-27:57:57	300	90	3.0	#12 Symbiotic	2	
0137.COMP	10	11:17	18:10:44.0	-27:57:57	300	89	3.0	#12 Symbiotic	2	
0138.Hen1591	120	11:20	18:07:32.0	-25:53:43	300	89	3.0	#12 Symbiotic	2	
0139.Hen1591	300	11:22	18:07:32.0	-25:53:43	300	89	3.0	#12 Symbiotic	2	
0140.COMP	10	11:28	18:07:32.0	-25:53:43	300	90	3.0	#12 Symbiotic	2	
0141.N7331	180	11:31	22:37:04.1	+34:24:56	300	90	3.0	#57 Velocity S	2	
0142.COMP	10	11:34	22:37:04.1	+34:24:56	300	89	3.0	#57 Velocity S	2	
0143.BDp174708	60	11:36	22:11:31.4	+18:05:34	300	89	3.0	#56 Spectropho	2	
0144.COMP	10	11:37	22:11:31.4	+18:05:34	300	89	3.0	#56 Spectropho	2	
0145.BDp284211	90	11:39	21:51:11.0	+28:51:50	300	89	3.0	#56 Spectropho	2	
0146.COMP	10	11:41	21:51:11.0	+28:51:50	300	90	3.0	#56 Spectropho	2	
0147-0156.BIAS	0	11:45	21:51:11.0	+28:51:50	300	90	3.0	#56 Spectropho	2	
0157-0176.FLAT	7	11:52	21:51:11.0	+28:51:50	300	90	3.0	#56 Spectropho	2	
0177-0186.DARK	900	14:30	21:51:11.0	+28:51:50	300	90	3.0	#56 Spectropho	4	