

UT Date 2009-12-20 Observers W BrownColl. Focus 1800 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001.COMP	5	00:04	12:09:46.9	+31:34:04	300	90	3.0	#0 Calibration	2	wavelength test
0002.COMP	5	00:08	12:09:46.9	+31:34:04	300	90	3.0	#0 Calibration	2	
0003.fastfoc	5	00:11	12:09:46.9	+31:34:04	300	90	3.0	#0 Calibration	4	x7 foc=1830
0004.fastfoc	5	00:11	12:09:46.9	+31:34:04	300	90	3.0	#0 Calibration	4	
0005.fastfoc	5	00:11	12:09:46.9	+31:34:04	300	90	3.0	#0 Calibration	4	
0006.fastfoc	5	00:12	12:09:46.9	+31:34:04	300	90	3.0	#0 Calibration	4	
0007.fastfoc	5	00:12	12:09:46.9	+31:34:04	300	90	3.0	#0 Calibration	4	
0008.fastfoc	5	00:12	12:09:46.9	+31:34:04	300	90	3.0	#0 Calibration	4	
0009.fastfoc	5	00:13	12:09:46.9	+31:34:04	300	90	3.0	#0 Calibration	4	
0010.BIAS	0	00:17	12:09:46.9	+31:34:04	300	90	3.0	#0 Calibration	4	x10
0011-0019.BIAS	0	00:18	12:09:46.9	+31:34:04	300	90	3.0	#0 Calibration	4	
0020.BIAS	0	00:21	12:09:46.9	+31:34:04	300	90	3.0	#0 Calibration	2	x10
0021-0029.BIAS	0	00:23	12:09:46.9	+31:34:04	300	90	3.0	#0 Calibration	2	
0030.FLAT	7	00:23	12:09:46.9	+31:34:04	300	90	3.0	#0 Calibration	2	x15
0031-0044.FLAT	7	00:28	12:09:46.9	+31:34:04	300	90	3.0	#0 Calibration	2	
0045.PUVu1	1	01:08	20:21:13.0	+21:34:21	300	90	3.0	#12 Symbiotic	2	
0046.PUVu1	10	01:08	20:21:13.0	+21:34:21	300	90	3.0	#12 Symbiotic	2	
0047.PUVu1	60	01:08	20:21:13.0	+21:34:21	300	90	3.0	#12 Symbiotic	2	
0048.COMP	10	01:10	20:21:13.0	+21:34:21	300	90	3.0	#12 Symbiotic	2	
0049.BDp174708	75	01:12	22:11:31.4	+18:05:34	300	50	3.0	#56 Spectropho	2	

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0050.COMP	10	01:14	22:11:31.4	+18:05:34	300	50	3.0	#56 Spectropho	2	
0051.BDp284211	90	01:16	21:51:11.0	+28:51:50	300	75	3.0	#56 Spectropho	2	
0052.COMP	10	01:18	21:51:11.0	+28:51:50	300	75	3.0	#56 Spectropho	2	
0053.IPHAS_W3831	360	01:23	21:36:13.5	+58:19:23	300	90	3.0	#157 IPHAS	2	
0054.COMP	10	01:29	21:36:13.5	+58:19:23	300	90	3.0	#157 IPHAS	2	
0055.IPHAS_W3831	300	01:30	21:36:13.5	+58:19:23	300	90	3.0	#157 IPHAS	2	
0056.COMP	10	01:35	21:36:13.5	+58:19:23	300	90	3.0	#157 IPHAS	2	
0057.IPHAS_W3833	660	01:37	21:36:54.3	+51:48:06	300	90	3.0	#157 IPHAS	2	
0058.COMP	10	01:48	21:36:54.3	+51:48:06	300	90	3.0	#157 IPHAS	2	
0059.IPHAS_W3835	690	01:50	21:37:05.6	+55:29:13	300	90	3.0	#157 IPHAS	2	
0060.COMP	10	02:02	21:37:05.6	+55:29:13	300	90	3.0	#157 IPHAS	2	
0061.IPHAS_W3839	1200	02:03	21:37:45.7	+56:53:23	300	90	3.0	#157 IPHAS	2	
0062.COMP	10	02:23	21:37:45.7	+56:53:23	300	90	3.0	#157 IPHAS	2	
0063.sn20091f	1800	02:28	02:01:39.6	+15:19:58	300	90	3.0	#2 SN Observat	2	
0064.COMP	10	02:58	02:01:39.6	+15:19:58	300	90	3.0	#2 SN Observat	2	
0065.IPHAS_W4600	630	03:01	23:09:00.0	+60:57:28	300	90	3.0	#157 IPHAS	2	
0066.COMP	10	03:12	23:09:00.0	+60:57:28	300	90	3.0	#157 IPHAS	2	
0067.IPHAS_W4610	630	03:13	23:11:22.2	+59:24:11	300	90	3.0	#157 IPHAS	2	
0068.COMP	10	03:24	23:11:22.2	+59:24:11	300	90	3.0	#157 IPHAS	2	
0069.fastfoc	10	03:29	02:00:00.0	+30:00:00	1200	90	1.1	#157 IPHAS	4	x6 foc=1985

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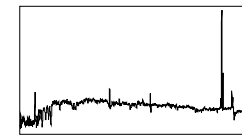
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0070.fastfoc	10	03:29	02:00:00.0	+30:00:00	1200	90	1.1	#157 IPHAS	4	
0071.fastfoc	10	03:30	02:00:00.0	+30:00:00	1200	90	1.1	#157 IPHAS	4	
0072.fastfoc	10	03:30	02:00:00.0	+30:00:00	1200	90	1.1	#157 IPHAS	4	
0073.fastfoc	10	03:31	02:00:00.0	+30:00:00	1200	90	1.1	#157 IPHAS	4	
0074.fastfoc	10	03:31	02:00:00.0	+30:00:00	1200	90	1.1	#157 IPHAS	4	
0076.HD19445	30	03:36	03:08:25.6	+26:19:51	1200	90	1.1	#56 Spectropho	2	
0077.COMP	10	03:37	03:08:25.6	+26:19:51	1200	90	1.1	#56 Spectropho	2	
0078.J040721	720	03:40	04:07:21.8	-12:10:03	1200	38	1.1	#191 2XMM Vari	2	
0079.COMP	15	03:53	04:07:21.8	-12:10:03	1200	38	1.1	#191 2XMM Vari	2	
0080.J040721	660	03:53	04:07:21.8	-12:10:03	1200	38	1.1	#191 2XMM Vari	2	
0081.COMP	15	04:05	04:07:21.8	-12:10:03	1200	38	1.1	#191 2XMM Vari	2	
0082.J040721	600	04:05	04:07:21.8	-12:10:03	1200	38	1.1	#191 2XMM Vari	2	
0083.COMP	15	04:16	04:07:21.8	-12:10:03	1200	38	1.1	#191 2XMM Vari	2	
0084.J040721	600	04:17	04:07:21.8	-12:10:03	1200	38	1.1	#191 2XMM Vari	2	
0085.COMP	15	04:27	04:07:21.8	-12:10:03	1200	38	1.1	#191 2XMM Vari	2	
0086.J040721	660	04:28	04:07:21.8	-12:10:03	1200	38	1.1	#191 2XMM Vari	2	
0087.COMP	15	04:39	04:07:21.8	-12:10:03	1200	38	1.1	#191 2XMM Vari	2	
0088.J040721	660	04:40	04:07:21.8	-12:10:03	1200	38	1.1	#191 2XMM Vari	2	
0089.COMP	15	04:51	04:07:21.8	-12:10:03	1200	38	1.1	#191 2XMM Vari	2	
0090.J040721	660	04:53	04:07:21.8	-12:10:03	1200	38	1.1	#191 2XMM Vari	2	

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0091.COMP	15	05:04	04:07:21.8	-12:10:03	1200	38	1.1	#191 2XMM Vari	2	
0092.J040721	660	05:05	04:07:21.8	-12:10:03	1200	38	1.1	#191 2XMM Vari	2	
0093.COMP	15	05:16	04:07:21.8	-12:10:03	1200	38	1.1	#191 2XMM Vari	2	
0094.J040721	600	05:17	04:07:21.8	-12:10:03	1200	38	1.1	#191 2XMM Vari	2	
0095.COMP	15	05:27	04:07:21.8	-12:10:03	1200	38	1.1	#191 2XMM Vari	2	
0096.J040721	600	05:28	04:07:21.8	-12:10:03	1200	38	1.1	#191 2XMM Vari	2	
0097.COMP	15	05:39	04:07:21.8	-12:10:03	1200	38	1.1	#191 2XMM Vari	2	
0098.J040721	600	05:39	04:07:21.8	-12:10:03	1200	38	1.1	#191 2XMM Vari	2	
0099.COMP	15	05:49	04:07:21.8	-12:10:03	1200	38	1.1	#191 2XMM Vari	2	
0100.J040721	600	05:50	04:07:21.8	-12:10:03	1200	38	1.1	#191 2XMM Vari	2	
0101.COMP	15	06:01	04:07:21.8	-12:10:03	1200	38	1.1	#191 2XMM Vari	2	
0102.J040721	600	06:01	04:07:21.8	-12:10:03	1200	38	1.1	#191 2XMM Vari	2	
0103.COMP	15	06:12	04:07:21.8	-12:10:03	1200	38	1.1	#191 2XMM Vari	2	
0104.J040721	600	06:12	04:07:21.8	-12:10:03	1200	38	1.1	#191 2XMM Vari	2	
0105.COMP	15	06:23	04:07:21.8	-12:10:03	1200	38	1.1	#191 2XMM Vari	2	
0106.J040721	600	06:23	04:07:21.8	-12:10:03	1200	38	1.1	#191 2XMM Vari	2	
0107.COMP	15	06:34	04:07:21.8	-12:10:03	1200	38	1.1	#191 2XMM Vari	2	
0108.J040721	600	06:35	04:07:21.8	-12:10:03	1200	38	1.1	#191 2XMM Vari	2	
0109.COMP	15	06:46	04:07:21.8	-12:10:03	1200	38	1.1	#191 2XMM Vari	2	
0110.J040721	600	06:46	04:07:21.8	-12:10:03	1200	38	1.1	#191 2XMM Vari	2	

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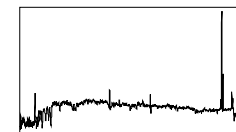
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0111.COMP	15	06:57	04:07:21.8	-12:10:03	1200	38	1.1	#191 2XMM Vari	2	
0112.J040721	600	06:57	04:07:21.8	-12:10:03	1200	38	1.1	#191 2XMM Vari	2	
0113.COMP	15	07:09	04:07:21.8	-12:10:03	1200	38	1.1	#191 2XMM Vari	2	
0114.J040721	600	07:10	04:07:21.8	-12:10:03	1200	38	1.1	#191 2XMM Vari	2	
0115.COMP	15	07:20	04:07:21.8	-12:10:03	1200	38	1.1	#191 2XMM Vari	2	
0116.J040721	600	07:21	04:07:21.8	-12:10:03	1200	38	1.1	#191 2XMM Vari	2	
0117.COMP	15	07:32	04:07:21.8	-12:10:03	1200	38	1.1	#191 2XMM Vari	2	
0118.J040721	600	07:32	04:07:21.8	-12:10:03	1200	38	1.1	#191 2XMM Vari	2	
0119.COMP	15	07:43	04:07:21.8	-12:10:03	1200	38	1.1	#191 2XMM Vari	2	
0120.J040721	600	07:43	04:07:21.8	-12:10:03	1200	38	1.1	#191 2XMM Vari	2	
0121.COMP	15	07:54	04:07:21.8	-12:10:03	1200	38	1.1	#191 2XMM Vari	2	
0122.J040721	600	07:54	04:07:21.8	-12:10:03	1200	38	1.1	#191 2XMM Vari	2	
0123.COMP	15	08:05	04:07:21.8	-12:10:03	1200	38	1.1	#191 2XMM Vari	2	
0124.FLAT	40	08:05	04:07:21.8	-12:10:03	1200	38	1.1	#191 2XMM Vari	2	x10
0125-0133.FLAT	40	08:13	04:07:21.8	-12:10:03	1200	38	1.1	#191 2XMM Vari	2	
0134.HD36395.M1V	45	08:16	05:31:27.0	-03:40:38	1200	31	1.1	#191 2XMM Vari	2	
0135.COMP	15	08:17	05:31:27.0	-03:40:38	1200	31	1.1	#191 2XMM Vari	2	
0136.HD50281S.M2V	60	08:19	06:52:18.0	-05:10:25	1200	31	1.1	#191 2XMM Vari	2	
0137.COMP	15	08:20	06:52:18.0	-05:10:25	1200	31	1.1	#191 2XMM Vari	2	
0138.HD45652.K5V	45	08:22	06:29:13.0	+10:56:02	1200	31	1.1	#191 2XMM Vari	2	

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0139.COMP	15	08:23	06:29:13.0	+10:56:02	1200	31	1.1	#191 2XMM Vari	2	
0140.HD52071.K2III	60	08:25	07:00:58.2	+27:09:27	1200	90	1.1	#191 2XMM Vari	2	
0141.COMP	15	08:26	07:00:58.2	+27:09:27	1200	90	1.1	#191 2XMM Vari	2	
0142.fastfoc	7	08:31	07:00:58.2	+27:09:27	600	90	1.5	#191 2XMM Vari	4	x7 foc=1855
0143.fastfoc	7	08:31	07:00:58.2	+27:09:27	600	90	1.5	#191 2XMM Vari	4	
0144.fastfoc	7	08:31	07:00:58.2	+27:09:27	600	90	1.5	#191 2XMM Vari	4	
0145.fastfoc	7	08:32	07:00:58.2	+27:09:27	600	90	1.5	#191 2XMM Vari	4	
0146.fastfoc	7	08:32	07:00:58.2	+27:09:27	600	90	1.5	#191 2XMM Vari	4	
0147.fastfoc	7	08:32	07:00:58.2	+27:09:27	600	90	1.5	#191 2XMM Vari	4	
0148.fastfoc	7	08:33	07:00:58.2	+27:09:27	600	90	1.5	#191 2XMM Vari	4	
0149.pg0834p501	780	08:36	08:37:37.3	+49:52:29	600	90	1.5	#178 Extremely	4	
0150.COMP	10	08:49	08:37:37.3	+49:52:29	600	90	1.5	#178 Extremely	4	
0151.pg0834p501	900	08:50	08:37:37.3	+49:52:29	600	90	1.5	#178 Extremely	4	
0152.COMP	10	09:05	08:37:37.3	+49:52:29	600	90	1.5	#178 Extremely	4	
0153.pg0834p501	900	09:06	08:37:37.3	+49:52:29	600	90	1.5	#178 Extremely	4	
0154.COMP	10	09:21	08:37:37.3	+49:52:29	600	90	1.5	#178 Extremely	4	
0155.pg0834p501	900	09:21	08:37:37.3	+49:52:29	600	90	1.5	#178 Extremely	4	
0156.COMP	10	09:37	08:37:37.3	+49:52:29	600	90	1.5	#178 Extremely	4	
0157.pg0834p501	900	09:37	08:37:37.3	+49:52:29	600	90	1.5	#178 Extremely	4	
0158.COMP	10	09:53	08:37:37.3	+49:52:29	600	90	1.5	#178 Extremely	4	

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0159.pg0834p501	900	09:53	08:37:37.3	+49:52:29	600	90	1.5	#178 Extremely	4	
0160.COMP	10	10:08	08:37:37.3	+49:52:29	600	90	1.5	#178 Extremely	4	
0161.pg0834p501	900	10:09	08:37:37.3	+49:52:29	600	90	1.5	#178 Extremely	4	
0162.COMP	10	10:24	08:37:37.3	+49:52:29	600	90	1.5	#178 Extremely	4	
0163.pg0834p501	900	10:25	08:37:37.3	+49:52:29	600	90	1.5	#178 Extremely	4	
0164.COMP	10	10:40	08:37:37.3	+49:52:29	600	90	1.5	#178 Extremely	4	
0165.pg0834p501	900	10:41	08:37:37.3	+49:52:29	600	90	1.5	#178 Extremely	4	
0166.COMP	10	10:56	08:37:37.3	+49:52:29	600	90	1.5	#178 Extremely	4	
0167.pg0834p501	900	10:57	08:37:37.3	+49:52:29	600	90	1.5	#178 Extremely	4	
0168.COMP	10	11:12	08:37:37.3	+49:52:29	600	90	1.5	#178 Extremely	4	
0169.pg0834p501	900	11:13	08:37:37.3	+49:52:29	600	90	1.5	#178 Extremely	4	
0170.COMP	10	11:28	08:37:37.3	+49:52:29	600	90	1.5	#178 Extremely	4	
0171.pg0834p501	900	11:29	08:37:37.3	+49:52:29	600	90	1.5	#178 Extremely	4	
0172.COMP	10	11:44	08:37:37.3	+49:52:29	600	90	1.5	#178 Extremely	4	
0173.pg0834p501	900	11:44	08:37:37.3	+49:52:29	600	90	1.5	#178 Extremely	4	
0174.COMP	10	12:00	08:37:37.3	+49:52:29	600	90	1.5	#178 Extremely	4	
0175.pg0834p501	900	12:00	08:37:37.3	+49:52:29	600	90	1.5	#178 Extremely	4	
0176.COMP	10	12:16	08:37:37.3	+49:52:29	600	90	1.5	#178 Extremely	4	
0177.pg0834p501	900	12:16	08:37:37.3	+49:52:29	600	90	1.5	#178 Extremely	4	
0178.COMP	10	12:31	08:37:37.3	+49:52:29	600	90	1.5	#178 Extremely	4	

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0179.pg0834p501	900	12:32	08:37:37.3	+49:52:29	600	90	1.5	#178 Extremely	4	
0180.COMP	10	12:47	08:37:37.3	+49:52:29	600	90	1.5	#178 Extremely	4	
0181.pg0834p501	900	12:48	08:37:37.3	+49:52:29	600	90	1.5	#178 Extremely	4	
0182.COMP	10	13:03	08:37:37.3	+49:52:29	600	90	1.5	#178 Extremely	4	
0183.FLAT	15	13:04	08:37:37.3	+49:52:29	600	90	1.5	#178 Extremely	4	x10
0184-0192.FLAT	15	13:07	08:37:37.3	+49:52:29	600	90	1.5	#178 Extremely	4	
0193.Feige34	150	13:09	10:39:36.7	+43:06:09	600	90	1.5	#56 Spectropho	4	
0194.COMP	10	13:12	10:39:36.7	+43:06:09	600	90	1.5	#56 Spectropho	4	
0195.COMP	5	13:15	11:45:00.0	+29:00:00	300	90	5.0	#56 Spectropho	4	test
0196.HD84937	20	13:18	09:48:56.1	+13:44:39	300	52	5.0	#56 Spectropho	2	5
0197.HD84937	20	13:19	09:48:56.1	+13:44:39	300	52	5.0	#56 Spectropho	2	
0198.HD84937	20	13:19	09:48:56.1	+13:44:39	300	52	5.0	#56 Spectropho	2	
0199.HD84937	20	13:20	09:48:56.1	+13:44:39	300	52	5.0	#56 Spectropho	2	
0201.COMP	5	13:21	09:48:56.1	+13:44:39	300	52	5.0	#56 Spectropho	2	
0203.FLAT	4	13:23	09:48:56.1	+13:44:39	300	52	5.0	#56 Spectropho	2	x10
0204-0212.FLAT	4	13:25	09:48:56.1	+13:44:39	300	52	5.0	#56 Spectropho	2	
0213.BIAS	0	13:26	09:48:56.1	+13:44:39	300	52	5.0	#56 Spectropho	2	x10
0214-0222.BIAS	0	13:27	09:48:56.1	+13:44:39	300	52	5.0	#56 Spectropho	2	
0223.BIAS	0	13:38	09:48:56.1	+13:44:39	300	52	5.0	#56 Spectropho	4	x10
0224-0232.BIAS	0	13:39	09:48:56.1	+13:44:39	300	52	5.0	#56 Spectropho	4	

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<i>File</i>	<i>Exp Time</i>	<i>UT Start</i>	<i>RA</i>	<i>Dec</i>	<i>Gr.</i>	<i>P.A.</i>	<i>Slit</i>	<i>Program</i>	<i>Bin</i>	<i>Comments</i>
0233-0242.DARK	900	16:00	09:48:56.1	+13:44:39	300	52	5.0	#56 Spectropho	4	
0243-0252.DARK	900	18:33	09:48:56.1	+13:44:39	300	52	5.0	#56 Spectropho	2	