

UT Date 2009-12-19 Observers W BrownColl. Focus 1820 Grating/Grism 600

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001.DARK	900	19:15	11:02:58.2	-01:06:20	300	91	3.0	#191 2XMM Vari	4	x5 darks
0002-0005.DARK	900	20:16	11:02:58.2	-01:06:20	300	91	3.0	#191 2XMM Vari	4	
0006.COMP	12	20:43	11:02:58.2	-01:06:20	300	91	3.0	#191 2XMM Vari	2	1200 comp tests
0007.COMP	12	20:44	11:02:58.2	-01:06:20	300	91	3.0	#191 2XMM Vari	2	
0008.COMP	12	20:47	11:02:58.2	-01:06:20	300	91	3.0	#191 2XMM Vari	2	
0008.COMP.ms	12	20:47	11:02:58.2	-01:06:20	300	91	3.0	#191 2XMM Vari	1	
0009.COMP	12	20:52	11:02:58.2	-01:06:20	300	91	3.0	#191 2XMM Vari	2	
0009.COMP.ms	12	20:52	11:02:58.2	-01:06:20	300	91	3.0	#191 2XMM Vari	1	
0010.COMP	12	21:19	11:02:58.2	-01:06:20	300	91	3.0	#191 2XMM Vari	2	
0010.COMP.ms	12	21:19	11:02:58.2	-01:06:20	300	91	3.0	#191 2XMM Vari	1	
0011.COMP	10	21:25	11:02:58.2	-01:06:20	300	91	3.0	#191 2XMM Vari	2	
0011.COMP.ms	10	21:25	11:02:58.2	-01:06:20	300	91	3.0	#191 2XMM Vari	1	
0012.COMP	10	21:45	11:02:58.2	-01:06:20	300	91	3.0	#191 2XMM Vari	2	
0012.COMP.ms	10	21:45	11:02:58.2	-01:06:20	300	91	3.0	#191 2XMM Vari	1	
0013.COMP	10	21:54	11:02:58.2	-01:06:20	300	91	3.0	#191 2XMM Vari	2	
0013.COMP.ms	10	21:54	11:02:58.2	-01:06:20	300	91	3.0	#191 2XMM Vari	1	
0014.COMP	10	22:06	11:02:58.2	-01:06:20	300	91	3.0	#191 2XMM Vari	2	
0014.COMP.ms	10	22:06	11:02:58.2	-01:06:20	300	91	3.0	#191 2XMM Vari	1	
0015.COMP	10	22:13	11:02:58.2	-01:06:20	300	91	3.0	#191 2XMM Vari	2	
0015.COMP.ms	10	22:13	11:02:58.2	-01:06:20	300	91	3.0	#191 2XMM Vari	1	

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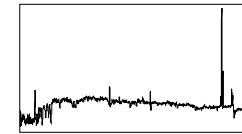
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0016.COMP	10	22:29	11:02:58.2	-01:06:20	300	91	3.0	#191 2XMM Vari	2	
0016.COMP.ms	10	22:29	11:02:58.2	-01:06:20	300	91	3.0	#191 2XMM Vari	1	
0017.fastfoc	10	23:18	11:02:58.2	-01:06:20	600	91	2.0	#191 2XMM Vari	4	focus=1920
0018.fastfoc	10	23:19	11:02:58.2	-01:06:20	600	91	2.0	#191 2XMM Vari	4	
0019.fastfoc	10	23:19	11:02:58.2	-01:06:20	600	91	2.0	#191 2XMM Vari	4	
0020.fastfoc	10	23:19	11:02:58.2	-01:06:20	600	91	2.0	#191 2XMM Vari	4	
0021.fastfoc	10	23:20	11:02:58.2	-01:06:20	600	91	2.0	#191 2XMM Vari	4	
0022.fastfoc	10	23:20	11:02:58.2	-01:06:20	600	91	2.0	#191 2XMM Vari	4	
0023.fastfoc	10	23:21	11:02:58.2	-01:06:20	600	91	2.0	#191 2XMM Vari	4	
0024.BIAS	0	23:27	11:02:58.2	-01:06:20	600	91	2.0	#191 2XMM Vari	4	x11 bias
0025-0034.BIAS	0	23:28	11:02:58.2	-01:06:20	600	91	2.0	#191 2XMM Vari	4	
0035.FLAT	12	00:08	11:02:58.2	-01:06:20	600	91	2.0	#191 2XMM Vari	4	x11 flat tilt=445
0036-0045.FLAT	12	00:12	11:02:58.2	-01:06:20	600	91	2.0	#191 2XMM Vari	4	
0046.kinman36	75	01:12	23:14:17.5	+02:37:31	600	91	2.0	#182 Runaway B	4	
0047.COMP	10	01:14	23:14:17.5	+02:37:31	600	91	2.0	#182 Runaway B	4	
0048.kinman37	140	01:15	23:15:46.0	+09:18:01	600	91	2.0	#182 Runaway B	4	
0049.COMP	10	01:18	23:15:46.0	+09:18:01	600	91	2.0	#182 Runaway B	4	
0050.kinman33	270	01:19	23:11:12.8	+13:50:56	600	91	2.0	#182 Runaway B	4	
0051.COMP	10	01:23	23:11:12.8	+13:50:56	600	91	2.0	#182 Runaway B	4	
0052.BDp284211	90	01:24	21:51:11.0	+28:51:50	600	91	2.0	#56 Spectropho	4	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0053.COMP	10	01:26	21:51:11.0	+28:51:50	600	91	2.0	#56 Spectropho	4	
0054.bhvs381	720	01:28	21:09:07.4	+18:17:47	600	91	2.0	#182 Runaway B	4	
0055.COMP	10	01:41	21:09:07.4	+18:17:47	600	91	2.0	#182 Runaway B	4	
0056.bhvs459	1500	01:43	21:59:15.7	-09:16:46	600	91	2.0	#182 Runaway B	4	
0057.COMP	10	02:08	21:59:15.7	-09:16:46	600	91	2.0	#182 Runaway B	4	
0058.bhvs381	720	02:10	21:09:07.4	+18:17:47	600	91	2.0	#182 Runaway B	4	
0059.COMP	10	02:22	21:09:07.4	+18:17:47	600	91	2.0	#182 Runaway B	4	
0060.bhvs462	540	02:24	00:26:14.6	-18:23:38	600	91	2.0	#182 Runaway B	4	
0061.COMP	10	02:33	00:26:14.6	-18:23:38	600	91	2.0	#182 Runaway B	4	
0062.bhvs462	540	02:33	00:26:14.6	-18:23:38	600	91	2.0	#182 Runaway B	4	
0063.COMP	10	02:43	00:26:14.6	-18:23:38	600	91	2.0	#182 Runaway B	4	
0064.kinman34	270	02:45	23:21:51.0	+12:47:24	600	91	2.0	#182 Runaway B	4	
0065.COMP	10	02:50	23:21:51.0	+12:47:24	600	91	2.0	#182 Runaway B	4	
0066.kinman35	270	02:50	23:34:58.9	+13:44:06	600	91	2.0	#182 Runaway B	4	
0067.COMP	10	02:55	23:34:58.9	+13:44:06	600	91	2.0	#182 Runaway B	4	
0068.kinman39	90	02:57	23:31:50.0	+12:51:00	600	91	2.0	#182 Runaway B	4	
0069.COMP	10	02:58	23:31:50.0	+12:51:00	600	91	2.0	#182 Runaway B	4	
0070.N0313222857	120	03:03	21:10:23.5	+14:04:46	600	91	2.0	#192 DASCH Lon	2	tilt=628
0071.COMP	10	03:05	21:10:23.5	+14:04:46	600	91	2.0	#192 DASCH Lon	2	
0072.N0313311705	120	03:06	21:06:26.3	+17:57:07	600	91	2.0	#192 DASCH Lon	2	

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0073.COMP	10	03:09	21:06:26.3	+17:57:07	600	91	2.0	#192 DASCH Lon	2	
0074.N002010375	420	03:10	21:41:33.3	+01:24:56	600	91	2.0	#192 DASCH Lon	2	
0075.COMP	10	03:17	21:41:33.3	+01:24:56	600	91	2.0	#192 DASCH Lon	2	
0076.N0022112339	90	03:18	21:51:02.0	+12:37:32	600	91	2.0	#192 DASCH Lon	2	
0077.COMP	10	03:20	21:51:02.0	+12:37:32	600	91	2.0	#192 DASCH Lon	2	
0078.FLAT	15	03:21	01:50:00.0	+30:00:00	600	91	2.0	#182 Runaway B	2	x10 flat
0079-0087.FLAT	15	03:25	01:50:00.0	+30:00:00	600	91	2.0	#182 Runaway B	2	
0088.IGRJ01363p6610	600	03:32	01:35:49.8	+66:12:43	600	91	2.0	#176 Be/X-ray	2	
0089.COMP	10	03:42	01:35:49.8	+66:12:43	600	91	2.0	#176 Be/X-ray	2	
0090.IGRJ01583p6713	1201	03:43	01:58:18.2	+67:13:26	600	91	2.0	#176 Be/X-ray	2	
0091.COMP	10	04:04	01:58:18.2	+67:13:26	600	91	2.0	#176 Be/X-ray	2	
0092.LSIp61303	90	04:04	02:40:31.6	+61:13:46	600	91	2.0	#176 Be/X-ray	2	
0093.COMP	10	04:06	02:40:31.6	+61:13:46	600	91	2.0	#176 Be/X-ray	2	
0094.V0332p53	1500	04:09	03:34:59.8	+53:10:24	600	91	2.0	#176 Be/X-ray	2	
0095.COMP	10	04:34	03:34:59.8	+53:10:24	600	91	2.0	#176 Be/X-ray	2	
0096.XPer	4	04:36	03:55:23.0	+31:02:45	600	91	2.0	#176 Be/X-ray	2	
0097.COMP	10	04:37	03:55:23.0	+31:02:45	600	91	2.0	#176 Be/X-ray	2	
0098.RXJ04409p4431	180	04:40	04:41:00.6	+44:31:50	600	91	2.0	#176 Be/X-ray	2	
0099.COMP	10	04:43	04:41:00.6	+44:31:50	600	91	2.0	#176 Be/X-ray	2	
0100.HD19445	15	04:45	03:08:25.6	+26:19:51	600	91	2.0	#56 Spectropho	2	

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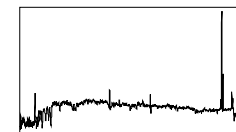
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0101.COMP	10	04:46	03:08:25.6	+26:19:51	600	91	2.0	#56 Spectropho	2	
0102.fastfoc	10	04:57	03:08:25.6	+26:19:51	1200	91	1.1	#56 Spectropho	4	1200 line 1.1 slit
0103.fastfoc	10	04:58	03:08:25.6	+26:19:51	1200	91	1.1	#56 Spectropho	4	
0104.fastfoc	10	04:58	03:08:25.6	+26:19:51	1200	91	1.1	#56 Spectropho	4	
0105.fastfoc	10	04:58	03:08:25.6	+26:19:51	1200	91	1.1	#56 Spectropho	4	
0106.fastfoc	10	04:59	03:08:25.6	+26:19:51	1200	91	1.1	#56 Spectropho	4	
0107.COMP	10	05:04	03:08:25.6	+26:19:51	1200	91	1.1	#56 Spectropho	4	test
0108.COMP	10	05:06	03:08:25.6	+26:19:51	1200	91	1.1	#56 Spectropho	4	test
0109.COMP	10	05:08	03:08:25.6	+26:19:51	1200	91	1.1	#56 Spectropho	4	best tilt=753 foc=1975
0111.HD19445	20	05:12	03:08:25.6	+26:19:51	1200	91	1.1	#56 Spectropho	2	
0112.COMP	10	05:13	03:08:25.6	+26:19:51	1200	91	1.1	#56 Spectropho	2	
0113.J040721	600	05:17	04:07:21.8	-12:10:03	1200	39	1.1	#191 2XMM Vari	2	
0114.COMP	15	05:28	04:07:21.8	-12:10:03	1200	39	1.1	#191 2XMM Vari	2	
0115.J040721	600	05:28	04:07:21.8	-12:10:03	1200	39	1.1	#191 2XMM Vari	2	
0116.COMP	15	05:39	04:07:21.8	-12:10:03	1200	39	1.1	#191 2XMM Vari	2	
0117.J040721	600	05:40	04:07:21.8	-12:10:03	1200	39	1.1	#191 2XMM Vari	2	
0118.COMP	15	05:50	04:07:21.8	-12:10:03	1200	39	1.1	#191 2XMM Vari	2	
0119.J040721	600	05:51	04:07:21.8	-12:10:03	1200	39	1.1	#191 2XMM Vari	2	
0120.COMP	15	06:01	04:07:21.8	-12:10:03	1200	39	1.1	#191 2XMM Vari	2	
0121.J040721	600	06:02	04:07:21.8	-12:10:03	1200	39	1.1	#191 2XMM Vari	2	

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0122.COMP	15	06:12	04:07:21.8	-12:10:03	1200	39	1.1	#191 2XMM Vari	2	
0123.J040721	600	06:13	04:07:21.8	-12:10:03	1200	39	1.1	#191 2XMM Vari	2	
0124.COMP	15	06:23	04:07:21.8	-12:10:03	1200	39	1.1	#191 2XMM Vari	2	
0125.J040721	600	06:24	04:07:21.8	-12:10:03	1200	39	1.1	#191 2XMM Vari	2	
0126.COMP	15	06:34	04:07:21.8	-12:10:03	1200	39	1.1	#191 2XMM Vari	2	
0127.J040721	600	06:35	04:07:21.8	-12:10:03	1200	39	1.1	#191 2XMM Vari	2	
0128.COMP	15	06:46	04:07:21.8	-12:10:03	1200	39	1.1	#191 2XMM Vari	2	
0129.J040721	600	06:46	04:07:21.8	-12:10:03	1200	39	1.1	#191 2XMM Vari	2	
0130.COMP	15	06:57	04:07:21.8	-12:10:03	1200	39	1.1	#191 2XMM Vari	2	
0131.J040721	600	06:57	04:07:21.8	-12:10:03	1200	39	1.1	#191 2XMM Vari	2	
0132.COMP	15	07:08	04:07:21.8	-12:10:03	1200	39	1.1	#191 2XMM Vari	2	
0133.J040721	600	07:13	04:07:21.8	-12:10:03	1200	39	1.1	#191 2XMM Vari	2	
0134.COMP	15	07:23	04:07:21.8	-12:10:03	1200	39	1.1	#191 2XMM Vari	2	
0135.J040721	600	07:24	04:07:21.8	-12:10:03	1200	39	1.1	#191 2XMM Vari	2	
0136.COMP	15	07:35	04:07:21.8	-12:10:03	1200	39	1.1	#191 2XMM Vari	2	
0137.J040721	600	07:36	04:07:21.8	-12:10:03	1200	39	1.1	#191 2XMM Vari	2	
0138.COMP	15	07:46	04:07:21.8	-12:10:03	1200	39	1.1	#191 2XMM Vari	2	
0139.J040721	600	07:47	04:07:21.8	-12:10:03	1200	39	1.1	#191 2XMM Vari	2	
0140.COMP	15	07:57	04:07:21.8	-12:10:03	1200	39	1.1	#191 2XMM Vari	2	
0141.J040721	600	07:58	04:07:21.8	-12:10:03	1200	39	1.1	#191 2XMM Vari	2	

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0142.COMP	15	08:08	04:07:21.8	-12:10:03	1200	39	1.1	#191 2XMM Vari	2	
0143.J040721	600	08:09	04:07:21.8	-12:10:03	1200	39	1.1	#191 2XMM Vari	2	
0144.COMP	15	08:19	04:07:21.8	-12:10:03	1200	39	1.1	#191 2XMM Vari	2	
0145.FLAT	25	08:20	04:07:21.8	-12:10:03	1200	39	1.1	#191 2XMM Vari	2	flat
0146.FLAT	35	08:21	04:07:21.8	-12:10:03	1200	39	1.1	#191 2XMM Vari	2	x9 flat
0147-0154.FLAT	35	08:27	04:07:21.8	-12:10:03	1200	39	1.1	#191 2XMM Vari	2	
0155.HD36395.M1V	45	08:30	05:31:27.0	-03:40:38	1200	89	1.1	#191 2XMM Vari	2	
0156.COMP	15	08:31	05:31:27.0	-03:40:38	1200	89	1.1	#191 2XMM Vari	2	
0157.HD50281S.M2V	45	08:33	06:52:18.0	-05:10:25	1200	89	1.1	#191 2XMM Vari	2	
0158.COMP	15	08:34	06:52:18.0	-05:10:25	1200	89	1.1	#191 2XMM Vari	2	
0159.HD45652.K5V	45	08:36	06:29:13.0	+10:56:02	1200	89	1.1	#191 2XMM Vari	2	
0160.COMP	15	08:37	06:29:13.0	+10:56:02	1200	89	1.1	#191 2XMM Vari	2	
0161.HD52071.K2III	45	08:38	07:00:58.2	+27:09:27	1200	89	1.1	#191 2XMM Vari	2	
0162.COMP	15	08:39	07:00:58.2	+27:09:27	1200	89	1.1	#191 2XMM Vari	2	
0163.bhvs036	1140	08:45	07:10:11.4	+30:30:42	600	89	2.0	#182 Runaway B	4	600 line 445 tilt 2 slit foc=1900
0164.COMP	10	09:04	07:10:11.4	+30:30:42	600	89	2.0	#182 Runaway B	4	
0165.bcand364	780	09:12	07:50:55.2	+47:28:23	600	89	2.0	#182 Runaway B	4	
0166.COMP	10	09:25	07:50:55.2	+47:28:23	600	89	2.0	#182 Runaway B	4	
0167.bcand364	780	09:25	07:50:55.2	+47:28:23	600	89	2.0	#182 Runaway B	4	
0168.COMP	10	09:39	07:50:55.2	+47:28:23	600	89	2.0	#182 Runaway B	4	

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0169.bcand371	510	09:40	07:57:12.9	+51:29:38	600	89	2.0	#182 Runaway B	4	
0170.COMP	10	09:48	07:57:12.9	+51:29:38	600	89	2.0	#182 Runaway B	4	
0171.bcand371	510	09:49	07:57:12.9	+51:29:38	600	89	2.0	#182 Runaway B	4	
0172.COMP	10	09:58	07:57:12.9	+51:29:38	600	89	2.0	#182 Runaway B	4	
0173.bhvs035	1140	10:12	06:27:09.5	+63:58:15	600	89	2.0	#182 Runaway B	4	
0174.COMP	10	10:31	06:27:09.5	+63:58:15	600	89	2.0	#182 Runaway B	4	
0175.bhvs037	1260	10:33	07:46:39.5	+41:30:51	600	89	2.0	#182 Runaway B	4	
0176.COMP	10	10:55	07:46:39.5	+41:30:51	600	89	2.0	#182 Runaway B	4	
0177.bhvs040	960	10:56	08:24:02.0	+49:41:08	600	89	2.0	#182 Runaway B	4	
0178.COMP	10	11:12	08:24:02.0	+49:41:08	600	89	2.0	#182 Runaway B	4	
0179.bhvs043	1080	11:14	08:49:11.0	+32:04:39	600	89	2.0	#182 Runaway B	4	
0180.COMP	10	11:32	08:49:11.0	+32:04:39	600	89	2.0	#182 Runaway B	4	
0181.bcand485	690	11:33	10:10:18.8	+30:20:28	600	89	2.0	#182 Runaway B	4	
0182.COMP	10	11:45	10:10:18.8	+30:20:28	600	89	2.0	#182 Runaway B	4	
0183.bcand485	690	11:45	10:10:18.8	+30:20:28	600	89	2.0	#182 Runaway B	4	
0184.COMP	10	11:58	10:10:18.8	+30:20:28	600	89	2.0	#182 Runaway B	4	
0185.bhvs054	1200	12:00	10:11:50.8	+17:18:35	600	89	2.0	#182 Runaway B	4	
0186.COMP	10	12:20	10:11:50.8	+17:18:35	600	89	2.0	#182 Runaway B	4	
0187.bhvs057	1200	12:22	10:51:50.1	+19:35:15	600	89	2.0	#182 Runaway B	4	
0188.COMP	10	12:43	10:51:50.1	+19:35:15	600	89	2.0	#182 Runaway B	4	



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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0189.bcand563	510	12:48	11:50:06.6	+36:00:18	600	89	2.0	#182 Runaway B	4	
0190.COMP	10	12:57	11:50:06.6	+36:00:18	600	89	2.0	#182 Runaway B	4	
0191.bcand563	540	12:57	11:50:06.6	+36:00:18	600	89	2.0	#182 Runaway B	4	
0192.COMP	10	13:06	11:50:06.6	+36:00:18	600	89	2.0	#182 Runaway B	4	
0193.kinman32	180	13:08	12:01:36.4	+31:54:12	600	89	2.0	#182 Runaway B	4	
0194.COMP	10	13:11	12:01:36.4	+31:54:12	600	89	2.0	#182 Runaway B	4	
0195.kinman29	570	13:13	08:50:39.5	+43:40:03	600	89	2.0	#182 Runaway B	4	
0196.COMP	10	13:22	08:50:39.5	+43:40:03	600	89	2.0	#182 Runaway B	4	
0197.Feige34	180	13:24	10:39:36.7	+43:06:09	600	89	2.0	#56 Spectropho	4	
0198.COMP	10	13:27	10:39:36.7	+43:06:09	600	89	2.0	#56 Spectropho	4	
0199.BIAS	0	13:28	10:39:36.7	+43:06:09	600	89	2.0	#182 Runaway B	4	x10
0200-0208.BIAS	0	13:29	10:39:36.7	+43:06:09	600	89	2.0	#182 Runaway B	4	
0209.FLAT	12	13:29	10:39:36.7	+43:06:09	600	89	2.0	#182 Runaway B	4	x11
0210-0219.FLAT	12	13:33	10:39:36.7	+43:06:09	600	89	2.0	#182 Runaway B	4	
0221.BIAS	0	13:49	12:09:46.9	+31:34:04	600	89	2.0	#182 Runaway B	2	x20
0222-0240.BIAS	0	13:52	12:09:46.9	+31:34:04	600	89	2.0	#182 Runaway B	2	
0241-0250.DARK	900	16:11	12:09:46.9	+31:34:04	600	89	2.0	#182 Runaway B	4	
0251-0260.DARK	900	18:44	12:09:46.9	+31:34:04	600	89	2.0	#182 Runaway B	2	