INT OBSERVING LOG (ISAAC NEWTON GROUP, LA PALMA)

TELESCOPE:	INT
DATE:	20001007
TAPE NR:	INTD4525
OBSERVER:	Wheatley, Baskill, Ullan
PROGRAMME:	An XMM International Survey - AXIS
PATT/CAT REF.:	ITP3
TELESCOPE OPERATOR:	P. Sorensen
SUPPORT ASTRONOMER:	R. Corradi
TELESCOPE FOCUS:	46.20 mm
CALIBRATE RESULTS:	not specified
INSTRUMENT:	WFC
WFC FILTER WHEEL:	U,Z,g,r,i,Ha
WEATHER:	(1st half) good
	(2nd half) good
CLOUD COVER (%):	(1st half) 30
	(2nd half) 0
DUST (0-2):	(1st half) 0
	(2nd half) 0
SEEING (arcsec):	(1st half) 1.3
	(2nd half) 1.0
DOME OPENED (UT):	18:45

METEOROLOGICAL PARAMETERS

UT	AirT	Hum%	Wspd	Gust	Wdir	Press	LocT	IntT	Mirr	LocRH	IntRH
19:00	12.0	39	19.6	26.0	154	771.9	12.2	15.6	14.6	39	30
20:00	11.1	39	13.2	18.6	233	772.2	11.5	13.3	14.7	37	33
23:00	11.5	35	6.9	8.9	6	773.5	#	12.9	14.2	#	31
00:00	11.4	35	5.1	8.1	150	773.4	#	13.0	14.3	#	31
01:00	11.4	35	12.2	15.0	204	773.3	#	12.8	14.1	#	30
02:00	11.1	36	9.6	14.0	147	773.1	#	12.6	14.0	#	31
03:00	11.1	36	7.8	9.1	154	772.9	#	12.4	14.0	#	31
04:00	11.1	34	4.5	5.6	170	772.9	#	12.5	13.9	#	30
05:00	11.2	34	6.3	9.1	162	772.6	11.7	12.4	13.9	32	30
06:00	11.0	35	4.4	5.8	219	772.4	11.7	12.4	13.9	32	30
07:00	11.1	35	9.7	10.3	151	772.6	11.5	12.3	14.0	33	31

SUNSET(UT)	18:58
EVENING TWILIGHT(UT)	20:09
MORNING TWILIGHT(UT)	05:50
SUNRISE(UT)	07:01
MOON'S QUARTER (1-4)	2
DISK % OF ILLUM.	74
DARK TIME	09:41
TWILIGHT TIME	02:22
MOONRISE(UT)	No moonrise within sunset-sunrise
MOONSET(UT)	02:36
TIME LOST(WEATHER):	00:00
TIME LOST(TECHNICAL):	00:00
TIME LOST(OTHER):	00:00

Run no.	Object name	RA	Dec.	Equinox	AM	PA	UT	Exp. T.	Filter	Psys	Channel	Binning	Comments
231698	Bias	0:00:00.00	+00:00:00.0	J2000.00	1.000	180.1	13:41:33.1	0.0	B	Harris		1 x 1	

231699	Bias						13:59:34.1	0.0	B	Harris	1 x 1	
231700	last bias	12:15:00.00	+47:00:00.0	J2000.00	1.124	180.1	14:04:21.5	0.0	B	Harris	1 x 1	
231701	Bias	0:00:00.00	+00:00:00.0	J2000.00	1.001	180.1	14:46:10.4	0.0	R	Harris	1 x 1	test - lights on
231702	Bias	0:00:00.00	+00:00:00.0	J2000.00	4.395	180.1	15:54:16.4	0.0	U	RGO	1 x 1	
231703	Bias	0:00:00.00	+00:00:00.0	J2000.00	4.395	180.1	15:55:43.6	0.0	U	RGO	1 x 1	
231704	Bias	0:00:00.00	+00:00:00.0	J2000.00	4.395	180.1	15:59:24.1	0.0	U	RGO	1 x 1	
231705	Bias	0:00:00.00	+00:00:00.0	J2000.00	4.395	180.1	16:01:27.5	0.0	U	RGO	1 x 1	
231706	Bias	0:00:00.00	+00:00:00.0	J2000.00	4.395	180.1	16:02:35.5	0.0	U	RGO	1 x 1	
231709	sky flat U 2	19:19:09.00	+12:22:05.0	B1950.00	1.048	180.1	19:00:12.9	2.1	U	RGO	1 x 1	too bright?
231710	sky flat U 4	19:19:09.00	+12:22:05.0	B1950.00	1.047	180.1	19:01:49.7	4.1	U	RGO	1 x 1	saturated
231711	sky flat U 3	19:19:09.00	+12:22:05.0	B1950.00	1.046	180.1	19:03:20.5	2.6	U	RGO	1 x 1	
231712	sky flat U 5	19:19:09.20	+12:22:07.9	B1950.00	1.046	180.1	19:05:23.2	5.1	U	RGO	1 x 1	
231713	sky flat U 7	19:19:08.79	+12:22:02.0	B1950.00	1.045	180.1	19:07:02.5	7.1	U	RGO	1 x 1	
231714	sky flat Z 3	19:19:08.79	+12:22:02.0	B1950.00	1.044	180.1	19:09:29.4	3.1	z	Gunn	1 x 1	
231715	sky flat Z 5	19:19:08.59	+12:21:58.9	B1950.00	1.044	180.1	19:11:00.8	5.1	z	Gunn	1 x 1	about 15000cts
231716	sky flat Z 10	19:19:08.38	+12:21:55.8	B1950.00	1.043	180.1	19:12:41.3	10.1	z	Gunn	1 x 1	20000cts
231717	sky flat Z 18	19:19:08.17	+12:21:59.1	B1950.00	1.043	180.1	19:14:23.7	18.1	z	Gunn	1 x 1	
231718	sky flat i 8	19:19:08.18	+12:21:59.0	B1950.00	1.043	180.1	19:16:24.7	8.1	i	Sloan	1 x 1	25000cts
231719	sky flat i 12	19:19:08.38	+12:22:02.0	B1950.00	1.042	180.1	19:18:13.1	12.1	i	Sloan	1 x 1	20000cts
231720	sky flat i 20	19:19:08.79	+12:22:02.0	B1950.00	1.042	180.1	19:20:06.9	20.1	i	Sloan	1 x 1	20000cts
231721	sky flat i 36	19:19:09.20	+12:22:08.0	B1950.00	1.042	180.1	19:22:25.7	35.6	i	Sloan	1 x 1	
231722	sky flat r 80	19:19:09.20	+12:22:08.0	B1950.00	1.042	180.1	19:25:12.5	80.0	r	Sloan	1 x 1	20000cts
231723	sky flat r 145	19:19:09.20	+12:21:57.9	B1950.00	1.042	180.1	19:28:21.1	145.0	r	Sloan	1 x 1	18000cts
231724	sky flat r 330	19:19:09.20	+12:21:48.0	B1950.00	1.043	180.1	19:32:30.6	329.8	r	Sloan	1 x 1	
231725	Focus run	21:42:35.00	+00:19:16.1	J2000.00	1.313	180.1	19:47:58.8	10.1	r	Sloan	1 x 1	
231726	sa113 U 120	21:42:35.00	+00:16:45.9	J2000.00	1.246	180.1	20:09:12.0	120.0	U	RGO	1 x 1	no guiding
231727	sa113 g 30	21:42:35.00	+00:16:46.0	J2000.00	1.236	180.1	20:14:09.7	30.1	g	Sloan	1 x 1	patchy
231728	sa113 r 30	21:42:34.99	+00:16:46.0	J2000.00	1.231	180.1	20:16:25.6	29.6	r	Sloan	1 x 1	moving
231729	sa113 i 30	21:42:35.00	+00:16:46.0	J2000.00	1.227	180.1	20:18:26.1	30.1	i	Sloan	1 x 1	clouds...
231730	sa113 Z 60	21:42:35.00	+00:16:45.9	J2000.00	1.222	180.1	20:20:22.2	60.0	z	Gunn	1 x 1	
231731	eqpeg i 60	23:32:00.63	+19:58:17.0	J2000.00	1.381	180.1	20:26:45.4	60.1	i	Sloan	1 x 1	
231732	eqpeg i 2400	23:32:00.64	+19:58:17.0	J2000.00	1.277	180.1	20:31:37.4	2397.2	i	Sloan	1 x 1	
231733	eqpeg Z 2400	23:32:00.64	+19:58:16.9	J2000.00	1.147	180.1	21:13:37.5	2397.9	z	Gunn	1 x 1	cloud in 2nd
231734	htcas i 2400	1:10:33.05	+60:06:35.3	J2000.00	1.359	180.1	22:02:14.1	2397.4	i	Sloan	1 x 1	
231735	htcas Z 2400	1:10:33.05	+60:06:35.3	J2000.00	1.270	180.1	22:46:26.3	2397.5	z	Gunn	1 x 1	
231736	g158 i 2400	0:34:04.55	-12:05:57.2	J2000.00	1.353	180.1	23:32:26.5	2397.1	i	Sloan	1 x 1	clouds gone
231737	g158 Z 2400	0:34:04.55	-12:05:57.2	J2000.00	1.323	180.1	00:15:35.0	2397.5	z	Gunn	1 x 1	
231738	sa92 r 30	0:55:00.00	+00:44:13.0	J2000.00	1.133	180.1	01:01:32.3	30.1	r	Sloan	1 x 1	
231739	sa92 i 60	0:55:00.00	+00:44:13.0	J2000.00	1.133	180.1	01:03:28.3	60.0	i	Sloan	1 x 1	
231740	sa92 Z 60	0:55:00.00	+00:44:13.0	J2000.00	1.133	180.1	01:06:15.3	60.1	z	Gunn	1 x 1	
231741	sa92 g 30	0:54:59.99	+00:44:13.0	J2000.00	1.134	180.1	01:09:07.5	30.1	g	Sloan	1 x 1	
231742	sa92 Ha 120	0:55:00.00	+00:44:13.0	J2000.00	1.135	180.1	01:12:06.4	120.0	Halpha	Narrow-ban	1 x 1	
231743	sa92 U 120	0:55:00.00	+00:44:13.0	J2000.00	1.136	180.1	01:16:09.7	120.0	U	RGO	1 x 1	
231744	sa92 i 2400	2:00:00.20	+00:25:41.0	J2000.00	1.140	180.1	01:27:17.7	2397.5	i	Sloan	1 x 1	Actually Mkn1014
231745	mrk1014 z 1200	2:00:00.19	+00:25:41.0	J2000.00	1.139	180.1	02:10:29.9	1198.8	z	Gunn	1 x 1	
231746	mrk1014 r 60	2:00:00.20	+00:25:41.0	J2000.00	1.145	180.1	02:32:37.4	60.1	r	Sloan	1 x 1	
231747	mrk1014 r 1200	2:00:00.19	+00:25:41.0	J2000.00	1.156	180.1	02:36:34.8	1198.7	r	Sloan	1 x 1	
231748	mrk1014 g 60	2:00:00.20	+00:25:40.9	J2000.00	1.170	180.1	02:58:39.4	60.1	g	Sloan	1 x 1	
231749	mrk1014 g 900	2:00:00.20	+00:25:41.0	J2000.00	1.187	180.1	03:03:33.9	899.0	g	Sloan	1 x 1	
231750	mrk1014 U 1200	2:00:00.20	+00:25:41.0	J2000.00	1.228	180.1	03:22:39.5	1198.8	U	RGO	1 x 1	
231751	mbm12 i 1200	3:57:10.64	+19:55:59.9	J2000.00	1.012	180.1	03:47:15.7	1198.6	i	Sloan	1 x 1	
231752	Bias	3:57:10.64	+19:55:59.9	J2000.00	1.012	180.1	04:08:20.3	0.0	i	Sloan	1 x 1	
231753	mbm12 Z 1200	3:57:10.64	+19:56:00.0	J2000.00	1.015	180.1	04:10:10.0	1198.8	z	Gunn	1 x 1	
231754	Bias	3:57:10.64	+19:56:00.0	J2000.00	1.020	180.1	04:31:30.5	0.0	r	Sloan	1 x 1	
231755	mbm12 r 600	3:57:10.63	+19:55:59.9	J2000.00	1.024	180.1	04:33:40.6	599.4	r	Sloan	1 x 1	
231756	Bias	3:57:10.63	+19:56:00.0	J2000.00	1.028	180.1	04:45:03.6	0.0	i	Sloan	1 x 1	
231757	mbm12 g 600	3:57:10.64	+19:55:59.9	J2000.00	1.034	180.1	04:46:54.0	599.4	g	Sloan	1 x 1	
231758	mbm12 U 1200	3:57:10.63	+19:56:00.0	J2000.00	1.053	180.1	05:00:30.6	1198.6	U	RGO	1 x 1	
231760	psrj0751 r 600	7:51:19.52	+18:09:38.9	J2000.00	1.202	180.1	05:28:45.9	599.5	r	Sloan	1 x 1	
231761	psrj0751 i 1200	7:51:19.52	+18:09:38.9	J2000.00	1.156	180.1	05:40:37.7	1198.7	i	Sloan	1 x 1	
231762	sa98 i 60	6:52:12.00	-00:19:16.9	J2000.00	1.171	180.1	06:04:49.3	60.0	i	Sloan	1 x 1	
231763	sa98 r 30	6:52:12.00	-00:19:16.9	J2000.00	1.168	180.1	06:07:54.8	30.1	r	Sloan	1 x 1	

231764	sa98 g 30	6:52:12.00	-00:19:17.0	J2000.00	1.165	180.1	06:10:34.0	30.1	g	Sloan		1 x 1	
231765	sa98 U 120	6:52:11.99	-00:19:17.0	J2000.00	1.161	180.1	06:14:09.4	120.0	U	RGO		1 x 1	
231766	sa98 Z 60	6:52:12.00	-00:19:16.9	J2000.00	1.158	180.1	06:18:10.1	60.1	z	Gunn		1 x 1	
231767	sky flat g 130	2:58:00.00	-00:06:00.0	J2000.00	1.847	180.1	06:27:16.3	130.0	g	Sloan		1 x 1	45kcts
231768	sky flat g 40	2:58:00.00	-00:06:00.0	J2000.00	1.886	180.1	06:31:47.4	40.1	g	Sloan	1	1 x 1	27kcts no offset
231769	sky flat g 28	2:58:00.20	-00:05:57.0	J2000.00	1.912	180.1	06:34:13.3	28.1	g	Sloan	1	1 x 1	34kcts
231770	sky flat g 16	2:58:00.40	-00:05:54.0	J2000.00	1.935	180.1	06:36:21.6	16.1	g	Sloan	1	1 x 1	30kcts
231771	sky flat g 10	2:58:00.00	-00:05:54.0	J2000.00	1.961	180.1	06:38:38.4	10.1	g	Sloan	1	1 x 1	30kcts
231772	sky flat r 10	2:58:00.00	-00:05:53.9	J2000.00	1.987	180.1	06:40:43.3	10.1	r	Sloan	1	1 x 1	25kcts
231773	sky flat r 7	2:57:59.80	-00:05:51.0	J2000.00	2.010	180.1	06:42:35.3	7.1	r	Sloan	1	1 x 1	28kcts
231774	sky flat Z 4	2:57:59.80	-00:05:51.0	J2000.00	2.035	180.1	06:44:32.8	4.1	i	Sloan	1	1 x 1	29kcts i filter!
231775	sky flat Z 9	2:57:59.80	-00:05:51.0	J2000.00	2.062	180.1	06:46:31.6	8.6	z	Gunn	1	1 x 1	24kcts
231776	sky flat U 4	2:57:59.80	-00:05:51.0	J2000.00	2.087	180.1	06:48:25.0	4.1	U	RGO	1	1 x 1	12kcts
231777	sky flat U 7	2:57:59.60	-00:05:54.0	J2000.00	2.129	180.1	06:51:20.6	7.1	U	RGO	1	1 x 1	40kcts
231778	sky flat U 2	2:57:59.20	-00:05:53.9	J2000.00	2.163	180.1	06:53:38.9	2.1	U	RGO	1	1 x 1	20kcts
231779	sky flat U 1	2:57:59.00	-00:05:50.9	J2000.00	2.191	180.1	06:55:30.2	1.1	U	RGO	1	1 x 1	16kcts