INT OBSERVING LOG (ISAAC NEWTON GROUP, LA PALMA)

TELESCOPE: INT
DATE: 20001008
TAPE NR: INTD4526
OBSERVER: Wheatley, Baskill, Ullan
PROGRAMME: An XMM International Survey - AXIS
PATT/CAT REF.: ITP3
TELESCOPE OPERATOR: P. Sorensen
SUPPORT ASTRONOMER: n/a

TELESCOPE FOCUS: 46.20 mm
CALIBRATE RESULTS: HI +/- , DI +/- , HC +/- , Sky sigma 3.6

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) 1.0
(2nd half) 0.9

DOME OPENED (UT): 18:45

METEOROLOGICAL PARAMETERS

UT	AirT	Hum%	Wspd	Gust	Wdir	Press	LocT	IntT	Mirr	LocRH	IntRH
19:00	11.9	43	13.2	14.3	161	772.9	11.9	15.9	14.9	44	33
20:00	11.4	38	10.1	11.0	146	773.2	11.4	14.6	14.8	40	32
21:00	11.1	38	4.2	4.9	138	773.5	11.4	12.8	14.6	38	34
22:00	10.8	44	3.1	3.3	1	774.2	11.2	12.7	14.5	42	38
23:00	10.9	43	0.5	1.0	27	774.3	11.3	12.5	14.3	41	38
00:00	10.8	40	0.0	0.0	47	774.1	11.1	12.2	14.2	40	38
01:00	10.9	40	4.5	5.0	356	773.9	11.2	12.4	14.2	39	36
02:00	11.0	35	6.1	6.5	156	773.5	11.4	12.1	14.0	33	32
03:00	11.1	35	6.3	6.8	146	773.1	11.3	12.1	13.9	34	33
04:00	10.2	37	0.0	0.0	136	772.9	11.3	12.2	13.9	34	32
05:00	10.7	36	2.8	3.5	161	772.7	11.0	11.5	13.8	40	38
06:00	11.2	35	2.2	2.7	246	772.6	11.5	12.0	13.7	34	33
07:00	10.6	39	7.3	8.4	1	772.8	11.1	11.1	13.6	37	37

SUNSET(UT) 18:57
EVENING TWILIGHT(UT) 20:08
MORNING TWILIGHT(UT) 05:50
SUNRISE(UT) 07:02
MOON'S QUARTER (1-4) 2
DISK % OF ILLUM. 83
DARK TIME 09:42
TWILIGHT TIME 02:23
MOONRISE(UT) No moonrise within sunset-sunrise
MOONSET(UT) 03:30

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
231780	Bias	0:00:00.00	+00:00:00.0	J2000.00	4.289	180.1	17:08:28.6	0.0	U	RGO		1 x 1	
231781	sky flat U 2	16:47:52.50	-15:17:44.0	B1950.00	1.728	180.1	19:05:15.4	2.1	U	RGO		1 x 1	30kcts blank3
231782	sky flat U 6	16:47:53.19	-15:17:44.0	B1950.00	1.752	180.1	19:09:00.9	6.1	U	RGO		1 x 1	40kcts gradient
231783	sky flat U 9	16:47:52.50	-15:17:34.0	B1950.00	1.768	180.1	19:11:29.3	9.1	U	RGO		1 x 1	34kcts
231784	sky flat U 15	16:47:53.88	-15:17:43.9	B1950.00	1.786	180.1	19:14:09.3	15.1	U	RGO		1 x 1	28kcts
231785	sky flat i 22	19:19:09.00	+12:22:04.9	B1950.00	1.042	180.1	19:18:47.9	22.1	i	Sloan		1 x 1	25kcts blank4
231786	sky flat i 37	19:19:09.68	+12:22:04.9	B1950.00	1.042	180.1	19:21:17.6	37.0	i	Sloan		1 x 1	24kcts
231787	sky flat i 65	19:19:09.68	+12:22:14.9	B1950.00	1.042	180.1	19:23:59.4	65.1	i	Sloan		1 x 1	22kcts fringing?
231788	sky flat g 180	19:19:08.99	+12:22:05.0	B1950.00	1.042	180.1	19:29:13.6	179.8	g	Sloan		1 x 1	22kcts
231789	Focus run	21:42:35.00	+00:19:16.1	J2000.00	1.309	180.1	19:45:17.9	10.1	g	Sloan		1 x 1	
231790	sa113 r 30	21:42:35.00	+00:16:46.0	J2000.00	1.270	180.1	19:56:55.4	30.1	r	Sloan		1 x 1	guiding in
231791	sa113 r 30	21:42:34.99	+00:16:45.9	J2000.00	1.266	180.1	19:58:29.8	30.1	r	Sloan		1 x 1	
231792	sa113 g 30	21:42:35.00	+00:16:46.0	J2000.00	1.256	180.1	20:01:58.0	30.1	g	Sloan		1 x 1	bad focus
231793	sa113 g 30	21:42:35.00	+00:16:46.0	J2000.00	1.246	180.1	20:05:57.3	30.1	g	Sloan		1 x 1	
231794	sa113 U 120	21:42:34.99	+00:16:46.0	J2000.00	1.236	180.1	20:09:27.2	120.0	U	RGO		1 x 1	
231795	sa113 Ha 120	21:42:35.00	+00:16:45.9	J2000.00	1.227	180.1	20:13:28.0	120.0	Halpha	Narrow-ban		1 x 1	
231796	sa113 i 60	21:42:34.99	+00:16:45.9	J2000.00	1.217	180.1	20:18:43.0	60.1	i	Sloan		1 x 1	
231797	sa113 Z 60	21:42:34.99	+00:16:45.9	J2000.00	1.211	180.1	20:22:03.0	60.0	z	Gunn		1 x 1	
231798	Bias	23:32:00.63	+19:58:16.9	J2000.00	1.353	180.1	20:29:13.5	0.0	z	Gunn		1 x 1	
231799	Bias	23:32:00.64	+19:58:17.0	J2000.00	1.347	180.1	20:30:24.5	0.0	z	Gunn		1 x 1	
231800	Bias	23:32:00.63	+19:58:17.0	J2000.00	1.342	180.1	20:31:28.0	0.0	z	Gunn		1 x 1	
231801	Bias	23:32:00.64	+19:58:16.9	J2000.00	1.337	180.1	20:32:32.6	0.0	z	Gunn		1 x 1	
231802	Bias	23:32:00.64	+19:58:16.9	J2000.00	1.333	180.1	20:33:35.8	0.0	z	Gunn		1 x 1	
231803	eqpeg i 2400	23:32:00.63	+19:58:17.0	J2000.00	1.244	180.1	20:36:28.0	2397.0	i	Sloan		1 x 1	
231804	eqpeg Z 2400	23:32:00.63	+19:58:17.0	J2000.00	1.127	180.1	21:18:18.4	2397.2	z	Gunn		1 x 1	
231805	hd108 i 2400	0:06:25.35	+63:42:48.1	J2000.00	1.278	180.1	22:05:14.4	2397.2	i	Sloan		1 x 1	
231806	hd108 Z 2400	0:06:25.34	+63:42:48.2	J2000.00	1.240	180.1	22:47:33.8	2397.3	z	Gunn		1 x 1	
231807	psrj0208 i 2400	2:18:19.57	+42:34:17.2	J2000.00	1.182	180.1	23:33:46.0	2397.4	i	Sloan		1 x 1	
231808	psrj0208 Z 2400	2:18:19.57	+42:34:17.2	J2000.00	1.102	180.1	00:16:15.7	2397.5	z	Gunn		1 x 1	
231809	hcg16 Z 2400	2:09:48.65	-10:06:49.0	J2000.00	1.326	180.1	01:02:17.6	1497.8	z	Gunn		1 x 1	reduced to 1500s
231810	hcg16 i 2400	2:09:48.66	-10:06:48.9	J2000.00	1.291	180.1	01:29:55.5	2397.6	i	Sloan		1 x 1	
231811	a339 Z 1500	2:58:35.28	+13:19:59.9	J2000.00	1.046	180.1	02:14:35.7	1498.5	z	Gunn		1 x 1	
231812	a339 i 2400	2:58:35.28	+13:19:59.9	J2000.00	1.039	180.1	02:42:08.3	2397.6	i	Sloan		1 x 1	
231813	hd108 r 600	0:06:25.34	+63:42:48.2	J2000.00	1.493	180.1	03:29:43.8	599.4	r	Sloan		1 x 1	
231814	hd108 ha 60	0:06:25.34	+63:42:48.1	J2000.00	1.519	180.1	03:42:52.0	60.0	Halpha	Narrow-ban		1 x 1	sky brightness
231815	hd108 ha 3000	0:06:25.35	+63:42:48.2	J2000.00	1.621	180.1	03:46:26.5	2996.6	Halpha	Narrow-ban		1 x 1	
231816	mkn3 U 1200	6:16:05.37	+71:04:07.1	J2000.00	1.385	180.1	04:42:19.5	1198.3	U	RGO		1 x 1	
231817	mkn3 g 600	6:16:05.35	+71:04:07.2	J2000.00	1.371	180.1	05:06:18.5	599.4	g	Sloan		1 x 1	
231818	mkn3 r 600	6:16:05.37	+71:04:07.1	J2000.00	1.363	180.1	05:20:55.9	599.4	r	Sloan		1 x 1	
231819	mkn3 i 1200	6:16:05.37	+71:04:07.2	J2000.00	1.356	180.1	05:32:55.7	1198.6	i	Sloan		1 x 1	
231820	mkn3 Z 1200	6:16:05.37	+71:04:06.9	J2000.00	1.351	180.1	05:56:36.9	1198.7	z	Gunn		1 x 1	bad focus??
231821	sa98 i 60	6:52:11.99	-00:19:17.1	J2000.00	1.152	180.1	06:22:49.3	60.0	i	Sloan		1 x 1	
231822	sa98 r 30	6:52:11.99	-00:19:17.0	J2000.00	1.151	180.1	06:25:06.3	30.1	r	Sloan		1 x 1	not guiding...
231823	sa98 g 30	6:52:12.00	-00:19:17.0	J2000.00	1.150	180.1	06:27:03.2	30.1	g	Sloan		1 x 1	
231824	sa98 Z 60	6:52:12.00	-00:19:16.9	J2000.00	1.149	180.1	06:28:48.9	60.1	z	Gunn	1	1 x 1	
231825	sa98 U 120	6:52:12.00	-00:19:16.9	J2000.00	1.147	180.1	06:31:52.2	120.0	U	RGO	1	1 x 1	guiding (inc
231826	sky flat r 30	4:25:46.00	+54:09:03.0	B1950.00	1.218	180.1	06:39:36.9	30.1	r	Sloan	1	1 x 1	33kcts
231827	sky flat r 18	4:25:47.13	+54:09:02.9	B1950.00	1.221	180.1	06:41:32.8	18.1	r	Sloan	1	1 x 1	33kcts
231828	sky flat r 10	4:25:47.13	+54:09:12.9	B1950.00	1.224	180.1	06:43:17.5	10.1	r	Sloan	1	1 x 1	29kcts
231829	sky flat g 7	4:25:46.00	+54:09:02.9	B1950.00	1.227	180.1	06:45:06.4	7.1	g	Sloan	1	1 x 1	saturated
231830	sky flat i 3	4:25:46.00	+54:09:02.9	B1950.00	1.232	180.1	06:47:26.1	3.1	i	Sloan	1	1 x 1	27kcts
231831	sky flat Z 10	4:25:45.99	+54:09:03.0	B1950.00	1.235	180.1	06:49:06.9	10.1	z	Gunn	1	1 x 1	28kcts
231832	sky flat Z 6	4:25:47.13	+54:09:02.9	B1950.00	1.238	180.1	06:50:45.7	6.1	z	Gunn	1	1 x 1	31kcts
231833	sky flat Z 3	4:25:47.13	+54:09:12.9	B1950.00	1.241	180.1	06:52:21.0	3.1	z	Gunn	1	1 x 1	25kcts
231834	sky flat Ha 6	4:25:45.99	+54:09:03.0	B1950.00	1.245	180.1	06:53:56.9	6.1	Halpha	Narrow-ban	1	1 x 1	31kcts
231835	sky flat Ha 3	4:25:47.14	+54:09:02.9	B1950.00	1.248	180.1	06:55:25.4	3.1	Halpha	Narrow-ban	1	1 x 1	20kcts
231836	sky flat Ha 2	4:25:47.13	+54:09:13.0	B1950.00	1.251	180.1	06:56:57.7	2.1	Halpha	Narrow-ban	1	1 x 1	
231837	sky flat Ha 1	4:25:48.27	+54:09:12.9	B1950.00	1.254	180.1	06:58:20.4	1.2	Halpha	Narrow-ban	1	1 x 1	