INT OBSERVING LOG (ISAAC NEWTON GROUP, LA PALMA)

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TELESCOPE:             INT
DATE:                  20010718
TAPE NR:
OBSERVER:              J Tedds
PROGRAMME:             XMM Imaging Programme
PATT/CAT REF.:         WFS3
TELESCOPE OPERATOR:    none
SUPPORT ASTRONOMER:    none

TELESCOPE FOCUS:       43.93 mm
CALIBRATE RESULTS:     not specified

INSTRUMENT:            WFC

WFC FILTER WHEEL:      U, g, r, i, Z, Ha

WEATHER:               (1st half) fair
                       (2nd half) fair
CLOUD COVER (%):       (1st half) 0
                       (2nd half) 0
DUST (0-2):            (1st half) 2
                       (2nd half) 2
SEEING (arcsec):       (1st half) 1.5-2
                       (2nd half) 1.2-2

DOME OPENED (UT):      20:00
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METEOROLOGICAL PARAMETERS

LT	AirT	Hum%	Wspd	Gust	Wdir	Press	LocT	IntT	Mirr	LocRH	IntRH
21:00	19.9	14	12.6	13.9	1	776.2	20.2	22.6	22.3	13	14
22:00	18.6	12	20.3	22.1	355	776.4	19.1	20.6	21.8	10	10
23:00	19.0	11	19.5	22.6	348	776.8	19.5	20.2	21.7	10	10
00:00	18.6	12	18.2	19.7	354	777.1	19.1	19.7	20.9	10	10
01:00	18.2	12	25.0	28.1	352	776.8	18.6	19.1	20.9	11	11
02:00	18.3	10	29.8	33.3	321	776.3	18.8	18.8	20.6	9	9
03:00	17.6	9	29.6	31.6	1	775.9	18.0	18.5	20.7	8	8
04:00	17.2	10	28.6	33.5	10	775.3	17.6	18.0	20.4	9	9
05:00	17.7	11	27.1	32.6	1	775.3	18.3	18.6	20.2	9	10
06:00	17.4	12	28.3	33.4	348	775.0	17.7	18.3	20.0	12	12

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SUNSET(UT)             20:19
EVENING TWILIGHT(UT)   21:42
MORNING TWILIGHT(UT)   04:54
SUNRISE(UT)            06:17
MOON'S QUARTER (1-4)   4
DISK % OF ILLUM.       5
DARK TIME              07:12
TWILIGHT TIME          02:46
MOONRISE(UT)           04:39
MOONSET(UT)            No moonset within sunset-sunrise

TIME LOST(WEATHER):    00:00
TIME LOST(TECHNICAL):  00:45
TIME LOST(OTHER):      00:00
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COMMENTS:
Problems with focussing at start of night (see fault report)
On arrival, large bay doors left open (I don't know how to shut this door) with all lights on throughout building and telescope in non-standard HA position, near vertical.

Run no.	Object name	RA	Dec.	Equinox	AM	PA	UT	Exp. T.	Filter	Psys	Channel	Binning	Comments
267880	Bias	0:00:00.00	+00:00:00.0	J2000.00	1.000	180.0	13:07:03.4	0.0	z	Gunn		1 x 1	
267881	Preflash only	0:00:00.00	+00:00:00.0	J2000.00	1.000	180.0	13:09:43.2	0.0	z	Gunn		1 x 1	
267882	Bias	0:00:00.00	+00:00:00.0	J2000.00	1.000	180.0	16:25:55.2	0.0	Halpha	Narrow-ban		1 x 1	
267883	Bias	0:00:00.00	+00:00:00.0	J2000.00	1.000	180.0	16:26:34.5	0.0	Halpha	Narrow-ban		1 x 1	
267884	Bias	0:00:00.00	+00:00:00.0	J2000.00	1.000	180.0	16:27:15.6	0.0	Halpha	Narrow-ban		1 x 1	
267885	Bias	0:00:00.00	+00:00:00.0	J2000.00	1.000	180.0	16:27:54.8	0.0	Halpha	Narrow-ban		1 x 1	
267886	Bias	0:00:00.00	+00:00:00.0	J2000.00	1.000	180.0	16:28:35.5	0.0	Halpha	Narrow-ban		1 x 1	
267887	Flat field	15:01:59.99	+29:55:00.0	J2000.00	1.001	180.0	20:39:23.1	34.4	z	Gunn		1 x 1	
267888	Flat field	15:02:00.76	+29:55:10.1	J2000.00	1.002	180.0	20:41:08.2	103.5	U	RGO		1 x 1	
267889	Flat field	15:02:00.76	+29:55:10.0	J2000.00	1.002	180.0	20:44:00.8	27.1	U	RGO		1 x 1	no offset!
267890	Flat field	15:02:01.53	+29:55:20.0	J2000.00	1.003	180.0	20:45:36.9	126.8	U	RGO		1 x 1	
267891	Flat field	15:02:02.30	+29:55:29.9	J2000.00	1.004	180.0	20:48:53.9	244.1	U	RGO		1 x 1	
267893	16+00	8:01:21.60	-00:12:22.3	J2000.00	1.148	180.0	21:08:50.0	5.4	g	Sloan		1 x 1	IGNORE-focus flt
267894	Focus run	16:02:43.20	-00:22:44.3	J2000.00	1.157	180.0	22:02:18.0	10.1	g	Sloan		1 x 1	
267896	MS1229	12:31:55.31	+64:16:20.8	J2000.00	1.805	180.0	22:33:05.3	1198.7	U	RGO		1 x 1	seeing 1.3
267897	HD117555	13:30:58.37	+24:15:58.9	J2000.00	1.784	180.0	22:57:27.5	1198.3	U	RGO		1 x 1	seeing 1.5
267898	WR110	18:08:08.09	-19:21:56.8	J2000.00	1.498	180.0	23:29:56.5	1198.7	U	RGO		1 x 1	seeing 2
267899	WR110	18:08:08.09	-19:21:56.9	J2000.00	1.516	180.0	23:55:05.0	1198.6	z	Gunn		1 x 1	seeing 1.9
267900	G21off3	18:33:36.47	-10:22:02.2	J2000.00	1.304	180.0	00:21:25.3	1198.5	U	RGO		1 x 1	seeing 1.4
267901	a2390	21:53:47.80	+17:43:45.2	J2000.00	1.149	180.0	01:07:57.6	1198.5	U	RGO		1 x 1	seeing 1.5
267902	Mark304	22:17:22.31	+14:16:21.2	J2000.00	1.170	180.0	01:36:30.5	599.5	r	Sloan		1 x 1	seeing 1.5
267903	NGC7009	21:04:21.29	-11:19:50.0	J2000.00	1.315	180.0	01:53:18.4	1198.8	U	RGO		1 x 1	seeing 1.8
267904	PKS2126	21:29:22.47	-15:36:41.1	J2000.00	1.405	180.0	02:22:38.2	1199.0	U	RGO		1 x 1	seeing 1.8
267906	PKS2126	21:29:22.47	-15:36:40.9	J2000.00	1.399	180.0	02:52:20.8	1198.7	z	Gunn		1 x 1	seeing 1.5
267907	PKS2135	21:37:55.73	-14:30:55.4	J2000.00	1.385	180.0	03:20:18.4	1198.5	U	RGO		1 x 1	seeing 1.9
267908	NGC507	1:24:11.94	+33:14:04.8	J2000.00	1.213	180.0	03:57:13.9	1198.8	U	RGO		1 x 1	seeing 1.5
267909	NGC507	1:24:11.94	+33:14:04.9	J2000.00	1.152	180.0	04:19:34.3	1198.7	z	Gunn		1 x 1	seeing 1.2
267910	NGC507	1:24:11.94	+33:14:05.0	J2000.00	1.115	180.0	04:41:12.6	598.9	g	Sloan		1 x 1	seeing 1.3
267911	NGC507	1:24:11.95	+33:14:05.0	J2000.00	1.083	180.0	04:53:49.3	1198.8	i	Sloan		1 x 1	seeing 1.1
267912	GRB010220	1:18:40.31	+30:53:58.7	J2000.00	1.336	180.0	05:21:19.4	599.5	r	Sloan		1 x 1	seeing 1.3
267913	sa92-335	0:54:58.30	+00:44:00.9	J2000.00	1.146	180.0	05:41:31.8	90.0	U	RGO		1 x 1	
267914	sa92-335	0:54:58.29	+00:44:01.0	J2000.00	1.145	180.0	05:44:03.1	10.1	r	Sloan		1 x 1	err
267915	sa92-335	0:54:58.30	+00:44:00.9	J2000.00	1.144	180.0	05:45:26.0	5.1	r	Sloan		1 x 1	
267916	sa92-335	0:54:58.29	+00:44:00.9	J2000.00	1.143	180.0	05:47:04.1	10.1	g	Sloan		1 x 1	
267917	sa92-335	0:54:58.29	+00:44:00.9	J2000.00	1.142	180.0	05:48:45.2	4.1	i	Sloan		1 x 1	
267918	sa92-335	0:54:58.29	+00:44:01.0	J2000.00	1.141	180.0	05:49:49.3	5.1	z	Gunn	1	1 x 1	
267919	Flat field	2:58:00.00	-00:06:00.0	J2000.00	1.431	180.0	05:52:20.1	49.6	U	RGO	1	1 x 1	
267920	Flat field	2:58:00.66	-00:05:49.9	J2000.00	1.422	180.0	05:54:23.8	31.5	U	RGO	1	1 x 1	
267921	Flat field	2:58:01.33	-00:05:39.9	J2000.00	1.414	180.0	05:56:03.8	21.4	U	RGO	1	1 x 1	
267922	Flat field	2:58:02.00	-00:05:30.0	J2000.00	1.408	180.0	05:57:34.6	15.0	U	RGO	1	1 x 1	
267923	Flat field	2:58:02.66	-00:05:20.0	J2000.00	1.401	180.0	05:59:08.8	10.6	U	RGO	1	1 x 1	
267924	Flat field	2:58:02.66	-00:05:20.0	J2000.00	1.395	180.0	06:00:34.0	5.0	z	Gunn	1	1 x 1	
267925	Flat field	2:58:00.66	-00:05:49.9	J2000.00	1.390	180.0	06:01:50.5	0.5	z	Gunn	1	1 x 1	