INT OBSERVING LOG (ISAAC NEWTON GROUP, LA PALMA)

TELESCOPE:	INT
DATE:	20020113
TAPE NR:	
OBSERVER:	Tedds, Jones
PROGRAMME:	XMM follow-up
PATT/CAT REF.:	
TELESCOPE OPERATOR:	none
SUPPORT ASTRONOMER:	none
TELESCOPE FOCUS:	44.05 mm
CALIBRATE RESULTS:	not specified
INSTRUMENT:	WFC
WFC FILTER WHEEL:	U g r i z Ha
WEATHER:	(1st half) good
	(2nd half) good
CLOUD COVER (%):	(1st half) 25
	(2nd half) 0
DUST (0-2):	(1st half) 0
	(2nd half) 0
SEEING (arcsec):	(1st half) 1.5
	(2nd half) 1.2
DOME OPENED (UT):	18:30

METEOROLOGICAL PARAMETERS

LT	AirT	Hum%	Wspd	Gust	Wdir	Press	LocT	IntT	Mirr	LocRH	IntRH
19:00	6.0	41	27.7	30.8	139	775.5	6.7	7.8	9.0	33	34
20:00	5.8	39	33.6	35.8	127	776.0	6.3	7.3	8.8	36	33
21:00	5.4	40	27.7	29.3	131	776.5	5.7	6.7	8.2	38	35
22:00	5.0	42	32.2	34.3	142	776.7	5.1	6.4	7.6	40	38
23:00	4.7	47	24.8	26.1	140	777.0	5.3	6.3	7.3	43	40
00:00	4.6	55	19.4	21.8	144	777.0	5.0	6.2	7.1	52	47
01:00	4.5	56	18.8	20.2	147	776.6	4.9	5.9	7.4	52	48
02:00	5.6	56	15.0	17.8	117	776.6	6.1	6.3	7.4	53	50
03:00	5.7	54	17.7	19.7	70	776.7	6.1	6.7	7.5	49	48
04:00	5.4	52	6.2	7.9	163	776.5	5.6	6.8	7.4	49	45
05:00	5.7	52	8.6	9.8	118	776.1	6.0	6.8	7.7	49	46
06:00	5.9	53	11.7	12.6	112	776.0	6.2	6.9	7.4	50	47
07:00	5.4	57	9.8	10.5	96	776.0	5.8	6.7	7.5	53	49

SUNSET(UT)	18:42
EVENING TWILIGHT(UT)	19:57
MORNING TWILIGHT(UT)	06:43
SUNRISE(UT)	07:58
MOON'S QUARTER (1-4)	1
DISK % OF ILLUM.	0
DARK TIME	10:46
TWILIGHT TIME	02:30
MOONRISE(UT)	No moonrise within sunset-sunrise
MOONSET(UT)	18:44
TIME LOST(WEATHER):	00:00
TIME LOST(TECHNICAL):	00:30
TIME LOST(OTHER):	00:00

COMMENTS:
Thin cirrus at sunset

4 X pointing jump at first exposure of new position - see fault report.

Run no.	Object name	RA	Dec.	Equinox	AM	PA	UT	Exp. T.	Filter	Psys Channel	Binning	Comments
289097	Bias	0:00:00.00	+00:00:00.0	J2000.00	4.470	180.0	13:56:51.7	0.0	r	Sloan	1 x 1	
289098	Bias frame	0:00:00.00	+00:00:00.0	A	1.000	180.0	18:44:08.9	0.0	i	Sloan	1 x 1	
289099	Bias frame	0:00:00.00	+00:00:00.0	A	1.000	180.0	18:44:48.0	0.0	i	Sloan	1 x 1	
289100	Bias frame	0:00:00.00	+00:00:00.0	A	1.000	180.0	18:45:26.9	0.0	i	Sloan	1 x 1	
289101	Bias frame	0:00:00.00	+00:00:00.0	A	1.000	180.0	18:46:06.3	0.0	i	Sloan	1 x 1	
289102	Bias frame	0:00:00.00	+00:00:00.0	A	1.000	180.0	18:46:45.6	0.0	i	Sloan	1 x 1	
289107	Flat field	22:58:00.66	+00:05:10.0	J2000.00	1.386	180.0	18:56:28.8	1.6	U	RGO	1 x 1	thin cirrus
289108	Flat field	22:58:00.00	+00:05:00.1	J2000.00	1.390	180.0	18:57:32.7	1.6	U	RGO	1 x 1	10arcsec offsets
289109	Flat field	22:58:01.32	+00:05:19.8	J2000.00	1.396	180.0	18:58:57.3	3.0	U	RGO	1 x 1	
289110	Flat field	22:58:01.33	+00:05:20.0	J2000.00	1.404	180.0	19:00:49.2	4.5	U	RGO	1 x 1	
289111	Flat field	22:57:59.33	+00:04:49.9	J2000.00	1.420	180.0	19:04:17.1	5.1	U	RGO	1 x 1	
289112	Flat field	22:57:59.33	+00:04:49.9	J2000.00	1.425	180.0	19:05:17.3	5.1	g	Sloan	1 x 1	
289113	Flat field	22:58:00.00	+00:04:59.9	J2000.00	1.430	180.0	19:06:16.3	10.1	g	Sloan	1 x 1	
289114	Flat field	22:58:00.66	+00:05:10.0	J2000.00	1.435	180.0	19:07:27.5	4.5	g	Sloan	1 x 1	
289115	WFCBLANK2	22:58:00.00	+00:05:00.0	J2000.00	1.452	180.0	19:10:58.3	5.1	r	Sloan	1 x 1	(flat)
289116	WFCBLANK2	22:58:00.66	+00:05:09.9	J2000.00	1.458	180.0	19:12:04.2	5.1	r	Sloan	1 x 1	(flat)
289117	WFCBLANK2	22:57:59.33	+00:04:49.9	J2000.00	1.469	180.0	19:14:13.8	15.1	r	Sloan	1 x 1	(flat)
289118	Flat field	22:58:00.00	+00:05:00.0	J2000.00	1.479	180.0	19:16:05.8	10.1	i	Sloan	1 x 1	
289119	Flat field	22:57:59.33	+00:04:50.1	J2000.00	1.486	180.0	19:17:22.0	9.5	i	Sloan	1 x 1	
289120	Flat field	22:58:00.33	+00:05:04.7	J2000.00	1.497	180.0	19:19:25.8	15.1	i	Sloan	1 x 1	
289121	Flat field	22:58:00.00	+00:05:00.0	J2000.00	1.508	180.0	19:21:19.7	20.1	z	Gunn	1 x 1	
289122	Flat field	22:58:00.67	+00:05:09.9	J2000.00	1.522	180.0	19:23:03.9	98.3	z	Gunn	1 x 1	
289123	Flat field	22:57:59.33	+00:04:49.9	J2000.00	1.544	180.0	19:25:50.3	199.9	z	Gunn	1 x 1	
289125	Focus run	0:54:58.29	+00:46:31.2	J2000.00	1.177	180.0	19:39:26.1	5.1	r	Sloan	1 x 1	sg=1.2
289126	sa92-335	0:54:58.30	+00:49:01.2	J2000.00	1.199	180.0	19:51:48.2	2.1	r	Sloan	1 x 1	cloudy+offset
289127	sa92-335	0:54:58.30	+00:49:00.9	J2000.00	1.200	180.0	19:52:31.2	2.1	r	Sloan	1 x 1	cloudy+offset
289128	sa95-330	3:54:30.70	+00:29:04.9	J2000.00	1.239	180.0	19:59:04.1	2.1	r	Sloan	1 x 1	cloudy sg=1.9
289129	sa95-330	3:54:30.70	+00:29:04.9	J2000.00	1.237	180.0	19:59:46.5	1.6	r	Sloan	1 x 1	
289130	sa95-330	3:54:30.70	+00:29:04.9	J2000.00	1.231	180.0	20:02:16.1	5.1	r	Sloan	1 x 1	
289131	sa95-330	3:54:30.69	+00:29:05.0	J2000.00	1.230	180.0	20:03:02.2	5.1	r	Sloan	1 x 1	
289132	sa95-330	3:54:30.70	+00:29:05.0	J2000.00	1.220	180.0	20:07:14.8	4.5	i	Sloan	1 x 1	trail
289133	sa95-330	3:54:30.70	+00:29:05.0	J2000.00	1.219	180.0	20:07:60.9	5.1	i	Sloan	1 x 1	sg~2 asp~1.1
289134	sa95-330	3:54:30.69	+00:29:04.9	J2000.00	1.213	180.0	20:10:40.4	10.1	i	Sloan	1 x 1	
289135	sa95-330	3:54:30.69	+00:29:05.0	J2000.00	1.212	180.0	20:11:33.6	10.1	i	Sloan	1 x 1	sg~2
289136	sa95-330	3:54:30.70	+00:29:05.0	J2000.00	1.208	180.0	20:13:27.7	5.1	z	Gunn	1 x 1	
289137	sa95-330	3:54:30.70	+00:29:05.0	J2000.00	1.206	180.0	20:14:21.7	4.5	z	Gunn	1 x 1	
289138	sa95-330	3:54:30.69	+00:29:05.0	J2000.00	1.204	180.0	20:15:36.9	5.1	g	Sloan	1 x 1	sg=1.5
289139	sa95-330	3:54:30.69	+00:29:05.0	J2000.00	1.202	180.0	20:16:28.5	5.1	g	Sloan	1 x 1	sg=2
289140	sa95-330	3:54:30.70	+00:29:04.9	J2000.00	1.200	180.0	20:18:00.3	5.1	U	RGO	1 x 1	cloud
289141	sa95-330	3:54:30.70	+00:29:04.9	J2000.00	1.198	180.0	20:18:46.7	5.1	U	RGO	1 x 1	cloud
289142	MS0205.7+3509	2:08:50.37	+35:25:11.8	J2000.00	1.016	180.0	20:21:35.4	299.9	i	Sloan	1 x 1	focus probs
289143	MS0205.7+3509	2:08:50.36	+35:25:12.0	J2000.00	1.019	180.0	20:27:16.9	299.9	i	Sloan	1 x 1	focus probs
289145	MS0205.7+3509	2:08:50.37	+35:25:12.0	J2000.00	1.025	180.0	20:36:25.8	299.9	i	Sloan	1 x 1	sg=1.3
289146	MS0205.7+3509	2:08:50.37	+35:25:12.0	J2000.00	1.029	180.0	20:42:06.7	300.0	i	Sloan	1 x 1	sg=1.4 asp~1
289147	MS0205.7+3509	2:08:50.37	+35:25:11.9	J2000.00	1.034	180.0	20:47:47.6	299.9	i	Sloan	1 x 1	sg=1.2 asp~1.2
289148	MS0205.7+3509	2:08:50.37	+35:25:12.0	J2000.00	1.039	180.0	20:53:28.9	299.8	i	Sloan	1 x 1	sg=1.2 asp~1.1
289149	MS0205.7+3509	2:08:50.37	+35:25:12.0	J2000.00	1.045	180.0	20:59:10.3	300.0	i	Sloan	1 x 1	sg=1.2 asp~1.2
289150	MS0205.7+3509	2:08:50.37	+35:25:12.0	J2000.00	1.052	180.0	21:04:51.5	299.9	i	Sloan	1 x 1	sg=1.2 asp~1.2
289152	MS0205.7+3509	2:08:50.36	+35:25:12.0	J2000.00	1.063	180.0	21:14:18.5	298.9	g	Sloan	1 x 1	sg=1.4 asp~1.3
289153	MS0205.7+3509	2:08:50.37	+35:25:11.9	J2000.00	1.071	180.0	21:19:59.5	299.9	g	Sloan	1 x 1	sg=1.3 asp~1.2
289154	MS0205.7+3509	2:08:50.36	+35:25:11.9	J2000.00	1.080	180.0	21:25:40.4	299.9	g	Sloan	1 x 1	sg=1.2 asp~1.5
289155	MS0205.7+3509	2:08:50.37	+35:25:12.0	J2000.00	1.090	180.0	21:32:05.2	299.4	z	Gunn	1 x 1	sg=1 asp~1.2
289156	MS0205.7+3509	2:08:50.37	+35:25:11.9	J2000.00	1.100	180.0	21:37:46.3	299.9	z	Gunn	1 x 1	sg=1 asp~1.15
289157	MS0205.7+3509	2:08:50.37	+35:25:11.9	J2000.00	1.110	180.0	21:43:27.6	299.3	z	Gunn	1 x 1	sg=1 asp~1.2
289158	MS0205.7+3509	2:08:50.36	+35:25:11.9	J2000.00	1.121	180.0	21:49:08.8	299.9	z	Gunn	1 x 1	sg=1 asp~1.3
289159	MS0205.7+3509	2:08:50.37	+35:25:12.0	J2000.00	1.133	180.0	21:54:49.8	299.9	z	Gunn	1 x 1	sg=1.1 asp~1.15
289160	MS0205.7+3509	2:08:50.37	+35:25:12.0	J2000.00	1.146	180.0	22:00:30.8	299.8	z	Gunn	1 x 1	sg=1.2 asp~1.2
289161	MS0205.7+3509	2:08:50.37	+35:25:12.0	J2000.00	1.166	180.0	22:09:12.1	299.9	U	RGO	1 x 1	sg=1.4 asp~1.1

289162	MS0205.7+3509	2:08:50.36	+35:25:11.9	J2000.00	1.181	180.0	22:14:53.8	299.4	U	RGO	1 x 1	sg=1.6 asp~1.2
289163	MS0205.7+3509	2:08:50.37	+35:25:12.0	J2000.00	1.197	180.0	22:20:35.5	299.9	U	RGO	1 x 1	sg=1.7 asp~1.2
289164	MS0205.7+3509	2:08:50.37	+35:25:12.0	J2000.00	1.213	180.0	22:26:16.4	300.0	U	RGO	1 x 1	sg=1.7 asp~1.15
289165	MS0205.7+3509	2:08:50.37	+35:25:12.0	J2000.00	1.230	180.0	22:31:57.7	299.9	U	RGO	1 x 1	sg=1.7 asp~1.3
289166	MS0205.7+3509	2:08:50.37	+35:25:12.0	J2000.00	1.249	180.0	22:37:41.1	299.9	U	RGO	1 x 1	sg=1.7 asp~1.25
289167	RXJ0256.5+0006	2:56:43.00	+00:08:12.0	J2000.00	1.356	180.0	22:44:53.9	299.9	g	Sloan	1 x 1	comet/artifact?!
289168	RXJ0256.5+0006	2:56:42.99	+00:08:11.9	J2000.00	1.379	180.0	22:50:35.0	299.9	g	Sloan	1 x 1	sg=1.5 asp~1.2
289169	RXJ0256.5+0006	2:56:42.99	+00:08:11.9	J2000.00	1.403	180.0	22:56:16.0	299.8	g	Sloan	1 x 1	sg=1.5 asp~1
289170	RXJ0256.5+0006	2:56:42.99	+00:08:12.0	J2000.00	1.434	180.0	23:03:06.1	299.9	U	RGO	1 x 1	no artif. sg=1.6
289171	RXJ0256.5+0006	2:56:42.99	+00:08:12.0	J2000.00	1.462	180.0	23:08:47.5	299.9	U	RGO	1 x 1	sg=1.8 asp~1.1
289172	RXJ0256.5+0006	2:56:43.00	+00:08:11.9	J2000.00	1.493	180.0	23:14:28.7	299.9	U	RGO	1 x 1	sg=1.7 asp~1.1
289173	RXJ0256.5+0006	2:56:43.00	+00:08:11.9	J2000.00	1.525	180.0	23:20:09.6	299.4	U	RGO	1 x 1	sg=1.7 asp~1.1
289174	RXJ0256.5+0006	2:56:43.00	+00:08:12.0	J2000.00	1.560	180.0	23:25:50.5	300.0	U	RGO	1 x 1	sg=1.6 asp~1.25
289175	RXJ0256.5+0006	2:56:43.00	+00:08:11.9	J2000.00	1.598	180.0	23:31:31.5	299.9	U	RGO	1 x 1	sg=1.5 asp~1.4
289176	CFHT-PL-12	3:54:06.00	+23:25:37.4	J2000.00	1.147	180.0	23:39:15.7	299.9	g	Sloan	1 x 1	sg=1.3 asp~1.05
289177	CFHT-PL-12	3:54:05.99	+23:25:37.5	J2000.00	1.161	180.0	23:44:56.7	299.9	g	Sloan	1 x 1	sg=1.3 asp~1.1
289178	CFHT-PL-12	3:54:06.00	+23:25:37.5	J2000.00	1.177	180.0	23:50:37.9	299.9	g	Sloan	1 x 1	sg=1.3 asp~1.3
289179	CFHT-PL-12	3:54:06.00	+23:25:37.5	J2000.00	1.195	180.0	23:56:49.5	299.9	U	RGO	1 x 1	sg=1.5 asp~1.15
289180	CFHT-PL-12	3:54:06.00	+23:25:37.5	J2000.00	1.212	180.0	00:02:30.5	299.9	U	RGO	1 x 1	sg=1.4 asp~1.2
289181	CFHT-PL-12	3:54:06.00	+23:25:37.4	J2000.00	1.231	180.0	00:08:11.5	299.9	U	RGO	1 x 1	sg=1.5 asp~1.3
289182	CFHT-PL-12	3:54:06.00	+23:25:37.4	J2000.00	1.251	180.0	00:13:52.5	299.9	U	RGO	1 x 1	sg=1.5 asp~1.2
289183	CFHT-PL-12	3:54:06.00	+23:25:37.5	J2000.00	1.272	180.0	00:19:33.7	299.4	U	RGO	1 x 1	sg=1.6 asp~1.4
289184	CFHT-PL-12	3:54:06.00	+23:25:37.4	J2000.00	1.294	180.0	00:25:15.0	299.9	U	RGO	1 x 1	sg=1.5 asp~1.4
289185	SA95-42	3:53:53.70	-00:02:32.9	J2000.00	1.654	180.0	00:35:51.1	299.9	U	RGO	1 x 1	sg=1.9 asp~1.2
289186	SA95-42	3:53:53.70	-00:02:32.9	J2000.00	1.699	180.0	00:41:32.1	299.9	U	RGO	1 x 1	sg=1.9 asp~1.25
289187	SA95-42	3:53:53.70	-00:02:33.0	J2000.00	1.748	180.0	00:47:13.0	299.4	U	RGO	1 x 1	sg=1.9 asp~1.3
289188	SA95-42	3:53:53.70	-00:02:32.9	J2000.00	1.788	180.0	00:52:54.0	149.8	U	RGO	1 x 1	interrupt
289190	3C192	8:05:46.01	+24:51:49.9	J2000.00	1.017	180.0	00:57:46.0	299.4	r	Sloan	1 x 1	REJECT - trail
289191	3C192	8:05:46.02	+24:51:49.8	J2000.00	1.014	180.0	01:03:27.0	299.9	r	Sloan	1 x 1	sg=1.3 asp~1.1
289192	3C192	8:05:46.02	+24:51:49.9	J2000.00	1.010	180.0	01:09:08.1	299.9	r	Sloan	1 x 1	sg=1.1 asp~1.3
289193	3C192	8:05:46.01	+24:51:49.9	J2000.00	1.008	180.0	01:15:04.7	299.4	r	Sloan	1 x 1	sg=1.15 asp~1.1
289195	B30731+438	7:35:35.74	+43:46:20.2	J2000.00	1.036	180.0	01:22:30.7	299.9	g	Sloan	1 x 1	sg=1.2 asp~1.2
289196	B30731+438	7:35:35.74	+43:46:20.3	J2000.00	1.037	180.0	01:28:11.7	299.3	g	Sloan	1 x 1	sg=1.25 asp~1.2
289197	B30731+438	3:47:47.87	+21:53:10.1	J2000.00	1.038	180.0	01:33:52.5	299.4	g	Sloan	1 x 1	sg=1.25 asp~1.2
289198	B30731+438	7:35:35.74	+43:46:20.3	J2000.00	1.041	180.0	01:40:04.1	299.9	U	RGO	1 x 1	sg=1.4 asp~0.9
289199	B30731+438	7:35:35.73	+43:46:20.2	J2000.00	1.043	180.0	01:45:45.5	298.4	U	RGO	1 x 1	sg=1.4 asp~0.95
289200	B30731+438	7:35:35.74	+43:46:20.3	J2000.00	1.046	180.0	01:51:26.9	300.0	U	RGO	1 x 1	sg=1.4 asp~1
289201	B30731+438	7:35:35.74	+43:46:20.2	J2000.00	1.049	180.0	01:57:07.9	299.9	U	RGO	1 x 1	sg=1.35 asp~1
289202	B30731+438	7:35:35.74	+43:46:20.3	J2000.00	1.052	180.0	02:02:48.8	299.9	U	RGO	1 x 1	sg=1.2 asp~0.9
289203	B30731+438	7:35:35.74	+43:46:20.2	J2000.00	1.057	180.0	02:08:32.2	299.9	U	RGO	1 x 1	sg=1.2 asp~1.2
289204	3C192	8:05:46.02	+24:51:49.9	J2000.00	1.011	180.0	02:16:03.7	299.8	i	Sloan	1 x 1	sg=1 asp~1.2
289205	3C192	8:05:46.02	+24:51:49.9	J2000.00	1.015	180.0	02:21:45.1	299.9	i	Sloan	1 x 1	sg=1 asp~1
289206	3C192	8:05:46.02	+24:51:49.9	J2000.00	1.019	180.0	02:27:26.4	299.9	i	Sloan	1 x 1	sg=1 asp~1
289207	3C192	8:05:46.02	+24:51:49.8	J2000.00	1.023	180.0	02:33:07.5	299.4	i	Sloan	1 x 1	sg=1.1 asp~1
289208	3C192	8:05:46.02	+24:51:49.8	J2000.00	1.028	180.0	02:38:48.4	299.9	i	Sloan	1 x 1	sg=1.1 asp~1.15
289209	3C192	8:05:46.02	+24:51:49.9	J2000.00	1.033	180.0	02:44:32.4	299.9	i	Sloan	1 x 1	sg=1 asp~1.25
289210	3C192	8:05:46.02	+24:51:49.8	J2000.00	1.040	180.0	02:50:38.7	299.9	g	Sloan	1 x 1	sg=1.1 asp~1
289211	3C192	8:05:46.02	+24:51:49.8	J2000.00	1.046	180.0	02:56:20.3	299.9	g	Sloan	1 x 1	sg=1.1 asp~0.95
289212	3C192	8:05:46.02	+24:51:49.9	J2000.00	1.054	180.0	03:02:01.7	299.8	g	Sloan	1 x 1	sg=1.15 asp~0.95
289213	3C192	8:05:46.01	+24:51:49.9	J2000.00	1.063	180.0	03:08:49.8	299.9	z	Gunn	1 x 1	sg=0.95 asp~1.1
289214	3C192	8:05:46.02	+24:51:49.8	J2000.00	1.072	180.0	03:14:30.7	299.9	z	Gunn	1 x 1	sg=1.15 asp~1.45
289215	3C192	8:05:46.02	+24:51:49.9	J2000.00	1.081	180.0	03:20:13.1	299.9	z	Gunn	1 x 1	sg=1.1 asp~1.5
289216	3C192	8:05:46.02	+24:51:49.9	J2000.00	1.091	180.0	03:25:54.0	299.9	z	Gunn	1 x 1	sg=1 asp~1.4
289217	3C192	8:05:46.02	+24:51:49.9	J2000.00	1.102	180.0	03:31:35.3	300.0	z	Gunn	1 x 1	sg=1.1 asp~1.15
289218	3C192	8:05:46.02	+24:51:49.9	J2000.00	1.113	180.0	03:37:16.3	299.9	z	Gunn	1 x 1	sg=1.1 asp~1.1
289219	0952+179	9:55:07.30	+17:45:31.2	J2000.00	1.020	180.0	03:45:08.7	300.0	g	Sloan	1 x 1	REJECT-doubled!
289220	0952+179	9:55:07.30	+17:45:31.1	J2000.00	1.022	180.0	03:50:49.9	299.9	g	Sloan	1 x 1	sg=1.4 asp~1.05
289221	0952+179	9:55:07.29	+17:45:31.2	J2000.00	1.024	180.0	03:56:31.0	299.9	g	Sloan	1 x 1	sg=1.35 asp~1.1
289222	0952+179	9:55:07.29	+17:45:31.2	J2000.00	1.028	180.0	04:03:16.5	299.9	g	Sloan	1 x 1	sg=1.5 asp~1.1
289223	PG1115+080	11:18:26.99	+07:47:59.4	J2000.00	1.088	180.0	04:11:06.2	299.9	r	Sloan	1 x 1	REJECT-doubled!
289224	PG1115+080	11:18:26.99	+07:47:59.4	J2000.00	1.084	180.0	04:16:47.1	299.9	r	Sloan	1 x 1	sg=1.1 asp~1.3
289225	PG1115+080	11:18:26.99	+07:47:59.4	J2000.00	1.080	180.0	04:22:28.3	299.9	r	Sloan	1 x 1	sg=1.2 asp~1.3

289226	PG1115+080	11:18:26.99	+07:47:59.3	J2000.00	1.077	180.0	04:28:26.5	299.5	r	Sloan	1 x 1	sg=1.2 asp~1.3
289227	PG1115+080	11:18:26.98	+07:47:59.3	J2000.00	1.074	180.0	04:34:59.3	299.9	i	Sloan	1 x 1	sg=1.2 asp~1.15
289228	PG1115+080	11:18:26.99	+07:47:59.4	J2000.00	1.072	180.0	04:40:40.2	299.9	i	Sloan	1 x 1	sg=1.15 asp~1.2
289229	PG1115+080	11:18:26.98	+07:47:59.3	J2000.00	1.071	180.0	04:46:21.5	299.9	i	Sloan	1 x 1	sg=1.2 asp~1.2
289230	PG1115+080	11:18:26.99	+07:47:59.4	J2000.00	1.071	180.0	04:52:02.9	299.9	i	Sloan	1 x 1	sg=1.15 asp~1.1
289231	PG1115+080	11:18:26.99	+07:47:59.4	J2000.00	1.071	180.0	04:57:43.9	300.0	i	Sloan	1 x 1	sg=1.1 asp~1.25
289232	PG1115+080	11:18:26.99	+07:47:59.4	J2000.00	1.072	180.0	05:03:25.0	298.5	i	Sloan	1 x 1	sg=1.1 asp~1.1
289233	PG1115+080	11:18:26.98	+07:47:59.4	J2000.00	1.073	180.0	05:09:44.6	299.9	g	Sloan	1 x 1	sg=1.2 asp~1.25
289234	PG1115+080	11:18:26.99	+07:47:59.4	J2000.00	1.075	180.0	05:15:25.6	300.0	g	Sloan	1 x 1	sg=1.2 asp~1.05
289235	PG1115+080	11:18:26.99	+07:47:59.4	J2000.00	1.078	180.0	05:21:06.9	299.3	g	Sloan	1 x 1	sg=1.2 asp~1.1
289236	PG1115+080	11:18:26.99	+07:47:59.4	J2000.00	1.082	180.0	05:28:26.2	299.9	z	Gunn	1 x 1	sg=1.15 asp~1.2
289237	PG1115+080	11:18:26.99	+07:47:59.3	J2000.00	1.086	180.0	05:34:07.2	299.9	z	Gunn	1 x 1	sg=1.2 asp~1.2
289238	PG1115+080	11:18:26.99	+07:47:59.4	J2000.00	1.091	180.0	05:39:48.5	299.9	z	Gunn	1 x 1	sg=1.2 asp~1.2
289239	PG1115+080	11:18:26.99	+07:47:59.4	J2000.00	1.097	180.0	05:45:30.6	299.9	z	Gunn	1 x 1	sg=1.1 asp~1.1
289240	PG1115+080	11:18:26.99	+07:47:59.3	J2000.00	1.103	180.0	05:51:11.6	299.9	z	Gunn	1 x 1	sg=1.1 asp~1.2
289241	PG1115+080	11:18:26.99	+07:47:59.4	J2000.00	1.110	180.0	05:56:52.4	299.9	z	Gunn	1 x 1	sg=1.1 asp~1.1
289242	GPCOM	13:05:54.02	+18:03:02.1	J2000.00	1.029	180.0	06:03:42.7	299.9	r	Sloan	1 x 1	REJECT-doubled!
289243	GPCOM	13:05:54.01	+18:03:02.0	J2000.00	1.026	180.0	06:09:23.8	299.9	r	Sloan	1 x 1	sg=1.2 asp~1.5
289244	GPCOM	13:05:54.01	+18:03:02.0	J2000.00	1.023	180.0	06:15:04.9	299.9	r	Sloan	1 x 1	sg=1.3 asp~1.35
289245	GPCOM	13:05:54.02	+18:03:02.1	J2000.00	1.021	180.0	06:21:03.9	299.9	r	Sloan	1 x 1	sg=1.1, asp~1.2
289246	GPCOM	13:05:54.01	+18:03:02.0	J2000.00	1.019	180.0	06:28:02.4	299.9	i	Sloan	1 x 1	sg=1.05 asp~1.2
289247	GPCOM	13:05:54.02	+18:03:02.1	J2000.00	1.018	180.0	06:33:43.8	300.0	i	Sloan	1 x 1	sg=1.15 asp~1.2
289248	GPCOM	13:05:54.01	+18:03:02.0	J2000.00	1.018	180.0	06:39:24.9	299.9	i	Sloan	1 x 1	sg=1.1 asp~1.2
289249	GPCOM	13:05:54.02	+18:03:02.1	J2000.00	1.018	180.0	06:45:21.2	299.9	i	Sloan	1 x 1	sg=1.2 asp~1.2
289250	GPCOM	13:05:54.02	+18:03:02.0	J2000.00	1.019	180.0	06:51:02.2	299.9	i	Sloan	1 x 1	sg=1 asp~1.2
289251	GPCOM	13:05:54.02	+18:03:02.0	J2000.00	1.020	180.0	06:56:45.9	299.9	i	Sloan	1 x 1	sg=1.1 asp~1.4
289252	GPCOM	13:05:54.01	+18:03:02.1	J2000.00	1.022	180.0	07:02:55.8	299.4	g	Sloan	1 x 1	sg=1.3 asp~1.25
289253	GPCOM	13:05:54.02	+18:03:02.0	J2000.00	1.024	180.0	07:08:36.9	299.9	g	Sloan	1 x 1	sg=1.3 asp~1.3
289254	GPCOM	13:05:54.01	+18:03:02.0	J2000.00	1.027	180.0	07:14:17.9	299.9	g	Sloan	1 x 1	sg=1.3 asp~1.5
289256	testA1750 twi	13:31:04.01	-01:48:00.1	J2000.00	1.163	180.0	07:20:42.7	299.9	r	Sloan	1 x 1	
289258	Bias frame	0:00:00.00	+00:00:00.0	J2000.00	4.533	180.0	11:50:00.8	0.0	g	Sloan	1 x 1	