INT OBSERVING LOG (ISAAC NEWTON GROUP, LA PALMA)

```
TELESCOPE:            INT
DATE:                 20000506
TAPE NR:              INTD4375
OBSERVER:             Chris Blake & Lexi Moustakas
PROGRAMME:            Oxford Deep Wide Field Camera Imaging Survey
PATT/CAT REF.:        WFS16
TELESCOPE OPERATOR:   none
SUPPORT ASTRONOMER:   none

TELESCOPE FOCUS:      46.05 mm
CALIBRATE RESULTS:    HI 26.46 +/- 4.06, DI -58.29 +/- 1.34, HC 55.31 +/- 2.94, Sky sigma 3.54

INSTRUMENT:           WFC

WFC FILTER WHEEL:     KPB V U R Z i

WEATHER:              (1st half) good
                      (2nd half) poor
CLOUD COVER (%):      (1st half) 10
                      (2nd half) 20
DUST (0-2):           (1st half) 0
                      (2nd half) 0
SEEING (arcsec):      (1st half) 1.2
                      (2nd half) 1.6

DOME OPENED (UT):     20:35
```

METEOROLOGICAL PARAMETERS

UT	AirT	Hum%	Wspd	Gust	Wdir	Press	LocT	IntT	Mirr	LocRH	IntRH
20:00	3.0	54	20.3	24.3	294	763.9	3.3	9.5	7.7	56	39
21:00	1.3	46	27.5	28.6	283	763.8	1.8	4.2	7.6	41	40
22:00	1.7	36	21.3	24.4	273	764.3	2.1	3.9	7.1	33	30
23:00	2.6	20	17.8	19.1	264	764.7	3.3	4.6	6.6	17	17
00:00	3.2	21	16.3	17.1	261	764.7	3.7	4.9	6.5	19	19
01:00	2.3	21	17.8	22.0	269	764.7	2.7	3.8	6.4	18	17
02:00	1.0	65	12.7	13.6	290	764.3	-0.4	3.1	6.2	90	58
03:00	0.8	59	16.4	18.5	270	763.9	1.2	2.1	6.2	56	53
04:00	-0.9	100	27.3	28.6	284	763.1	-0.7	2.0	6.0	99	83
05:00	0.7	38	17.6	18.9	262	763.1	1.0	2.5	5.9	41	39
06:00	0.6	38	18.0	19.7	281	762.9	1.0	3.0	5.8	36	34

```
SUNSET(UT)            19:57
EVENING TWILIGHT(UT)  21:16
MORNING TWILIGHT(UT)  04:59
SUNRISE(UT)           06:18
MOON'S QUARTER (1-4)  1
DISK % OF ILLUM.      13
DARK TIME             07:43
TWILIGHT TIME         02:38
MOONRISE(UT)          No moonrise within sunset-sunrise
MOONSET(UT)           22:41

TIME LOST(WEATHER):   01:00
TIME LOST(TECHNICAL): 02:00
TIME LOST(OTHER):     00:00
```

COMMENTS:
  Time lost due to filter wheel getting stuck (and bad humidity)

Run no.	Object name	RA	Dec.	Equinox	AM	PA	UT	Exp. T.	Filter	Psys Channel	Binning	Comments
216714	Bias frame	0:00:00.00	+00:00:00.0	A	4.230	180.0	15:47:22.0	0.0	U	RGO		
216714	Bias frame	0:00:00.00	+00:00:00.0	A	4.230	180.0	15:47:22.0	0.0	U	RGO		
216715	Bias frame	0:00:00.00	+00:00:00.0	A	1.000	360.0	19:20:50.8	0.0	z	Gunn		
216715	Bias frame	0:00:00.00	+00:00:00.0	A	1.000	360.0	19:20:50.8	0.0	z	Gunn		
216716	Bias	0:00:00.00	+00:00:00.0	A	1.000	360.0	19:23:06.5	0.0	z	Gunn		
216716	Bias	0:00:00.00	+00:00:00.0	A	1.000	360.0	19:23:06.5	0.0	z	Gunn		
216717	Bias	0:00:00.00	+00:00:00.0	A	1.000	360.0	19:23:52.7	0.0	z	Gunn		
216717	Bias	0:00:00.00	+00:00:00.0	A	1.000	360.0	19:23:52.7	0.0	z	Gunn		
216718	Bias	0:00:00.00	+00:00:00.0	A	1.000	360.0	19:24:39.7	0.0	z	Gunn		
216718	Bias	0:00:00.00	+00:00:00.0	A	1.000	360.0	19:24:39.7	0.0	z	Gunn		
216719	Bias	0:00:00.00	+00:00:00.0	A	1.000	360.0	19:25:26.6	0.0	z	Gunn		
216719	Bias	0:00:00.00	+00:00:00.0	A	1.000	360.0	19:25:26.6	0.0	z	Gunn		
216720	Bias	0:00:00.00	+00:00:00.0	A	1.000	360.0	19:26:13.6	0.0	z	Gunn		
216720	Bias	0:00:00.00	+00:00:00.0	A	1.000	360.0	19:26:13.6	0.0	z	Gunn		
216721	Bias	0:00:00.00	+00:00:00.0	A	1.000	360.0	19:27:00.3	0.0	z	Gunn		
216721	Bias	0:00:00.00	+00:00:00.0	A	1.000	360.0	19:27:00.3	0.0	z	Gunn		
216722	Bias	0:00:00.00	+00:00:00.0	A	1.000	360.0	19:27:47.2	0.0	z	Gunn		
216722	Bias	0:00:00.00	+00:00:00.0	A	1.000	360.0	19:27:47.2	0.0	z	Gunn		
216723	Flat field	13:04:33.00	+29:50:49.0	B1950.00	1.357	360.0	20:01:57.5	1.7	z	Gunn		
216723	Flat field	13:04:33.00	+29:50:49.0	B1950.00	1.357	360.0	20:01:57.5	1.7	z	Gunn		
216724	Flat field	13:04:33.00	+29:50:49.0	B1950.00	1.348	360.0	20:04:02.2	0.5	z	Gunn		
216724	Flat field	13:04:33.00	+29:50:49.0	B1950.00	1.348	360.0	20:04:02.2	0.5	z	Gunn		
216725	Flat field	13:04:33.00	+29:50:48.9	B1950.00	1.341	360.0	20:05:35.5	0.5	z	Gunn		
216725	Flat field	13:04:33.00	+29:50:48.9	B1950.00	1.341	360.0	20:05:35.5	0.5	z	Gunn		
216726	Flat field, Z	13:04:33.00	+29:50:49.0	B1950.00	1.334	360.0	20:07:05.4	2.1	z	Gunn		
216726	Flat field, Z	13:04:33.00	+29:50:49.0	B1950.00	1.334	360.0	20:07:05.4	2.1	z	Gunn		
216727	Flat field, Z	13:04:33.00	+29:50:48.9	B1950.00	1.328	360.0	20:08:22.9	2.1	z	Gunn		
216727	Flat field, Z	13:04:33.00	+29:50:48.9	B1950.00	1.328	360.0	20:08:22.9	2.1	z	Gunn		
216728	Flat field, Z	13:04:33.00	+29:50:48.9	B1950.00	1.322	360.0	20:09:45.3	4.1	z	Gunn		
216728	Flat field, Z	13:04:33.00	+29:50:48.9	B1950.00	1.322	360.0	20:09:45.3	4.1	z	Gunn		
216729	Flat field, Z	13:04:33.00	+29:50:48.9	B1950.00	1.317	360.0	20:11:01.5	4.1	z	Gunn		
216729	Flat field, Z	13:04:33.00	+29:50:48.9	B1950.00	1.317	360.0	20:11:01.5	4.1	z	Gunn		
216730	Flat field	13:04:33.00	+29:50:49.0	B1950.00	1.311	360.0	20:12:32.6	0.5	i	Sloan		
216730	Flat field	13:04:33.00	+29:50:49.0	B1950.00	1.311	360.0	20:12:32.6	0.5	i	Sloan		
216731	Flat field, i	13:04:33.00	+29:50:48.9	B1950.00	1.305	360.0	20:13:57.4	6.1	i	Sloan		
216731	Flat field, i	13:04:33.00	+29:50:48.9	B1950.00	1.305	360.0	20:13:57.4	6.1	i	Sloan		
216732	Flat field, i	13:04:33.00	+29:50:49.0	B1950.00	1.299	360.0	20:15:19.8	3.1	i	Sloan		
216732	Flat field, i	13:04:33.00	+29:50:49.0	B1950.00	1.299	360.0	20:15:19.8	3.1	i	Sloan		
216733	Flat field, i	13:04:33.00	+29:50:49.0	B1950.00	1.294	360.0	20:16:39.7	4.1	i	Sloan		
216733	Flat field, i	13:04:33.00	+29:50:49.0	B1950.00	1.294	360.0	20:16:39.7	4.1	i	Sloan		
216734	Flat field, i	13:04:33.00	+29:50:48.9	B1950.00	1.288	360.0	20:18:04.8	6.1	i	Sloan		
216735	Flat field	13:04:33.00	+29:50:48.9	B1950.00	1.282	360.0	20:19:36.7	9.1	i	Sloan		
216736	Flat field	13:04:33.00	+29:50:49.0	B1950.00	1.276	360.0	20:21:08.1	13.9	i	Sloan		
216737	Flat field	13:04:33.00	+29:50:48.9	B1950.00	1.270	360.0	20:22:42.6	21.1	i	Sloan		
216738	Flat field	13:04:33.00	+29:50:49.0	B1950.00	1.264	360.0	20:24:18.6	31.1	i	Sloan		
216739	Flat field, U	13:04:33.00	+29:50:48.9	B1950.00	1.257	360.0	20:26:20.6	10.1	U	RGO		
216740	Focus run	9:46:12.40	-02:26:21.9	B1950.00	1.269	180.0	21:30:45.0	10.1	V	Harris		
216741	84971 _test	9:46:12.40	-02:23:51.9	B1950.00	1.295	180.0	21:39:47.5	10.1	V	Harris		
216742	84971 _test	9:46:12.40	-02:23:51.9	B1950.00	1.310	180.0	21:45:13.4	10.1	V	Harris		
216743	H052_test	9:05:16.78	+40:44:28.0	J2000.00	1.210	360.0	21:54:49.8	10.1	V	Harris		
216744	H052_V_1	9:05:16.77	+40:44:28.0	J2000.00	1.239	360.0	21:56:37.8	998.9	V	Harris		
216745	H052_V_2	9:05:16.78	+40:44:28.0	J2000.00	1.298	360.0	22:14:38.6	998.9	V	Harris		
216746	H052_V_3	9:05:16.77	+40:44:28.0	J2000.00	1.368	360.0	22:32:50.9	999.0	V	Harris		
216747	H064_V_1	9:05:57.83	+40:15:40.0	J2000.00	1.471	180.0	22:55:11.0	999.2	V	Harris		
216748	H064_V_2	9:05:57.83	+40:15:40.0	J2000.00	1.575	180.0	23:13:08.0	999.0	V	Harris		
216749	H064_V_3	9:05:57.83	+40:15:39.9	J2000.00	1.701	180.0	23:31:07.3	999.0	V	Harris		
216750	H064_I_1	9:05:57.83	+40:15:40.0	J2000.00	1.851	180.0	23:49:38.4	892.5	i	Sloan		
216751	H064_I_1b	9:05:57.82	+40:15:40.0	J2000.00	2.062	180.0	00:07:44.5	1098.8	i	Sloan		
216752	H064_I_2	9:05:57.82	+40:15:39.9	J2000.00	2.329	180.0	00:27:21.2	1098.9	i	Sloan		
216753	J040_I_1	16:38:17.30	+45:53:34.2	J2000.00	1.128	180.0	00:56:58.4	217.3	i	Sloan		
216754	J040_I_1b	16:38:17.29	+45:53:34.2	J2000.00	1.085	180.0	01:23:12.7	1098.9	i	Sloan		

216755	J040_I_2	16:38:17.30	+45:53:34.2	J2000.00	1.067	180.0	01:42:53.3	1098.6	i	Sloan
216756	J040_I_3	16:38:17.30	+45:53:34.2	J2000.00	1.055	180.0	02:02:33.7	1098.8	i	Sloan
216757	Flat field	19:19:09.01	+12:22:05.3	B1950.00	1.042	180.0	05:31:41.5	19.6	V	Harris
216757	Flat field	19:19:09.01	+12:22:05.3	B1950.00	1.042	180.0	05:31:41.5	19.6	V	Harris
216758	Flat field	19:19:09.00	+12:22:04.9	B1950.00	1.044	180.0	05:48:02.8	20.1	V	Harris
216758	Flat field	19:19:09.00	+12:22:04.9	B1950.00	1.044	180.0	05:48:02.8	20.1	V	Harris
216759	Flat field	19:19:09.00	+12:22:05.0	B1950.00	1.045	180.0	05:50:12.8	30.1	V	Harris
216759	Flat field	19:19:09.00	+12:22:05.0	B1950.00	1.045	180.0	05:50:12.8	30.1	V	Harris
216760	File not available									
216760	Flat field	19:19:09.68	+12:22:05.0	B1950.00	1.046	180.0	05:52:52.5	30.1	V	Harris
216761	File not available									
216761	Flat field	19:19:10.36	+12:22:05.0	B1950.00	1.047	180.0	05:54:45.5	27.9	V	Harris
216762	File not available									
216762	Flat field	19:19:11.04	+12:22:04.9	B1950.00	1.047	180.0	05:56:30.3	17.2	V	Harris
216763	File not available									
216763	Flat field	19:19:11.73	+12:22:05.0	B1950.00	1.048	180.0	05:58:04.8	11.2	V	Harris
216764	File not available									
216764	Flat field	19:19:11.73	+12:22:05.0	B1950.00	1.049	180.0	06:00:11.5	19.3	z	Gunn
216765	File not available									
216765	Flat field	19:19:11.04	+12:22:04.9	B1950.00	1.050	180.0	06:01:49.9	11.6	z	Gunn
216766	File not available									
216766	Flat field	19:19:10.36	+12:22:04.9	B1950.00	1.051	180.0	06:03:18.7	7.5	z	Gunn
216767	File not available									
216767	Flat field	19:19:09.68	+12:22:05.0	B1950.00	1.052	180.0	06:04:45.6	4.3	z	Gunn
216768	File not available									
216768	Flat field	19:19:08.99	+12:22:04.9	B1950.00	1.053	180.0	06:06:12.6	0.5	z	Gunn
216769	File not available									
216769	Flat field	19:19:09.00	+12:22:05.0	B1950.00	1.053	180.0	06:07:19.8	1.1	z	Gunn
216770	File not available									
216770	Flat field	19:19:08.31	+12:22:04.9	B1950.00	1.054	180.0	06:08:54.5	1.1	z	Gunn
216771	File not available									
216771	Flat field	19:19:07.63	+12:22:05.0	B1950.00	1.055	180.0	06:10:16.4	1.1	z	Gunn
216772	File not available									
216772	Flat field	19:19:06.95	+12:22:04.9	B1950.00	1.056	180.0	06:11:29.8	1.1	z	Gunn