INT OBSERVING LOG (ISAAC NEWTON GROUP, LA PALMA)

TELESCOPE: INT
DATE: 20010613
TAPE NR:
OBSERVER: G. Dalton, P. Allen, C. Heymans
PROGRAMME: The Oxford WFC survey
PATT/CAT REF.: WFS6
TELESCOPE OPERATOR: J. Rey
SUPPORT ASTRONOMER: B. Garcia

TELESCOPE FOCUS: 43.95 mm
CALIBRATE RESULTS: HI 26.65 +/- 3.50, DI -66.63 +/- 1.16, HC 64.72 +/- 2.54, Sky sigma 3.08

INSTRUMENT: WFC

WFC FILTER WHEEL: i, V, r, Z, R, KPB

WEATHER: (1st half) good
(2nd half) good
CLOUD COVER (%): (1st half) 0
(2nd half) 0
DUST (0-2): (1st half) 0
(2nd half) 1
SEEING (arcsec): (1st half) 1.3
(2nd half) 1.2

DOME OPENED (UT): 19:45

METEOROLOGICAL PARAMETERS

LT	AirT	Hum%	Wspd	Gust	Wdir	Press	LocT	IntT	Mirr	LocRH	IntRH
21:00	14.9	4	14.1	16.1	108	772.9	15.0	15.8	15.2	2	3
22:00	14.5	9	20.9	22.4	66	773.2	14.9	15.7	15.5	7	7
23:00	14.5	10	21.6	24.1	68	773.9	14.4	15.3	15.4	7	13
00:00	14.1	15	22.6	25.3	57	774.2	14.4	15.0	15.2	15	14
01:00	14.4	14	8.3	10.0	47	774.1	14.8	15.0	15.0	15	16
02:00	14.1	17	8.4	11.3	70	773.7	14.6	14.6	15.1	18	17
03:00	14.8	28	6.5	7.2	124	773.3	14.6	15.2	14.8	22	23
04:00	14.4	29	3.3	3.5	151	772.9	15.0	15.1	14.7	27	27
05:00	14.4	26	2.8	3.3	57	772.9	14.6	14.8	14.6	22	21
06:00	14.0	29	2.2	2.4	150	772.9	14.7	15.0	14.6	26	25

SUNSET(UT) 20:18
EVENING TWILIGHT(UT) 21:44
MORNING TWILIGHT(UT) 04:39
SUNRISE(UT) 06:05
MOON'S QUARTER (1-4) 3
DISK % OF ILLUM. 52
DARK TIME 06:55
TWILIGHT TIME 02:52
MOONRISE(UT) 01:31
MOONSET(UT) No moonset within sunset-sunrise

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
261567	Filter i	16:59:59.99	+40:59:59.9	J2000.00	1.878	179.9	05:28:50.9	40.1	i	Sloan	1 x 1	from last night
261568	Filter i	17:00:01.76	+40:59:59.9	J2000.00	1.896	179.9	05:30:51.8	30.1	i	Sloan	1 x 1	from last night

261569	Filter i	17:00:01.76	+41:00:19.9	J2000.00	1.912	179.9	05:32:36.4	9.4	i	Sloan	1 x 1	from last night
261570	Filter i	16:59:59.99	+41:00:20.0	J2000.00	1.926	179.9	05:34:02.0	5.1	i	Sloan	1 x 1	from last night
261571	Filter i	16:59:58.23	+41:00:19.9	J2000.00	1.940	179.9	05:35:20.6	5.1	i	Sloan	1 x 1	from last night
261572	Filter R	16:59:59.99	+41:00:00.0	J2000.00	1.954	179.9	05:36:40.8	5.1	R	Harris	1 x 1	from last night
261591	File not available											
261592	File not available											
261593	File not available											
261594	File not available											
261595	File not available											
261596	File not available											
261597	Bias frame	0:00:00.00	+00:00:00.0	J2000.00	4.501	180.0	15:52:10.1	0.0	R	Harris	1 x 1	
261598	Bias frame	0:00:00.00	+00:00:00.0	J2000.00	4.501	180.0	15:53:09.3	0.0	R	Harris	1 x 1	
261599	Bias frame	0:00:00.00	+00:00:00.0	J2000.00	4.501	180.0	15:54:09.2	0.0	R	Harris	1 x 1	
261600	Bias frame	0:00:00.00	+00:00:00.0	J2000.00	4.501	180.0	15:55:06.9	0.0	R	Harris	1 x 1	
261601	Bias frame	0:00:00.00	+00:00:00.0	J2000.00	4.501	180.0	15:56:05.0	0.0	R	Harris	1 x 1	
261602	Bias frame	0:00:00.00	+00:00:00.0	J2000.00	4.501	180.0	15:57:03.0	0.0	R	Harris	1 x 1	
261603	Bias frame	0:00:00.00	+00:00:00.0	J2000.00	4.501	180.0	15:58:01.5	0.0	R	Harris	1 x 1	
261604	Bias frame	0:00:00.00	+00:00:00.0	J2000.00	4.501	180.0	15:58:59.6	0.0	R	Harris	1 x 1	
261605	Bias frame	0:00:00.00	+00:00:00.0	J2000.00	4.501	180.0	15:59:57.5	0.0	R	Harris	1 x 1	
261606	Bias frame	0:00:00.00	+00:00:00.0	J2000.00	4.501	180.0	16:00:56.6	0.0	R	Harris	1 x 1	
261607	Dark frame	0:00:00.00	+00:00:00.0	J2000.00	4.501	180.0	16:18:19.8	1100.0	i	Sloan	1 x 1	
261608	Dark frame	0:00:00.00	+00:00:00.0	J2000.00	4.501	180.0	16:37:47.4	1100.0	i	Sloan	1 x 1	
261609	Dark frame	0:00:00.00	+00:00:00.0	J2000.00	4.501	180.0	16:57:06.0	1100.0	i	Sloan	1 x 1	
261610	Dark frame	0:00:00.00	+00:00:00.0	J2000.00	4.501	180.0	17:16:24.3	1100.0	i	Sloan	1 x 1	
261611	Dark frame	0:00:00.00	+00:00:00.0	J2000.00	4.501	180.0	17:35:41.6	1100.0	i	Sloan	1 x 1	
261612	Dark frame	0:00:00.00	+00:00:00.0	J2000.00	4.501	180.0	17:55:01.3	1100.0	i	Sloan	1 x 1	
261613	Dark frame	0:00:00.00	+00:00:00.0	J2000.00	4.501	180.0	18:14:18.9	1100.0	i	Sloan	1 x 1	
261614	Dark frame	0:00:00.00	+00:00:00.0	J2000.00	4.501	180.0	18:33:36.1	1100.0	i	Sloan	1 x 1	
261615	Dark frame	0:00:00.00	+00:00:00.0	J2000.00	4.501	180.0	18:52:53.5	1100.0	i	Sloan	1 x 1	Dome light on
261616	Dark frame	0:00:00.00	+00:00:00.0	J2000.00	4.501	180.0	19:12:10.7	1100.0	i	Sloan	1 x 1	Dome lights on
261617	Z Sky Flat	15:02:00.00	+29:54:59.9	J2000.00	1.135	180.0	20:34:30.5	2.0	z	Gunn	1 x 1	
261618	Flat field	15:01:59.99	+29:55:00.0	J2000.00	1.129	180.0	20:37:20.0	10.8	z	Gunn	1 x 1	
261619	Flat field	15:02:01.53	+29:55:00.0	J2000.00	1.124	180.0	20:39:19.8	18.4	z	Gunn	1 x 1	
261620	Flat field	15:02:01.54	+29:55:00.0	J2000.00	1.120	180.0	20:41:17.9	7.1	i	Sloan	1 x 1	
261621	Flat field	15:02:03.07	+29:55:00.0	J2000.00	1.117	180.0	20:43:01.6	10.4	i	Sloan	1 x 1	
261622	Flat field	15:02:04.61	+29:55:00.0	J2000.00	1.113	180.0	20:44:57.8	15.9	i	Sloan	1 x 1	
261623	Flat field	15:02:04.61	+29:54:59.9	J2000.00	1.108	180.0	20:47:07.4	29.8	r	Sloan	1 x 1	
261624	Flat field	15:02:03.07	+29:54:59.9	J2000.00	1.103	180.0	20:49:28.8	46.9	r	Sloan	1 x 1	
261625	Flat field	15:02:01.53	+29:54:59.9	J2000.00	1.097	180.0	20:52:21.0	66.8	B	Kitt Peak	1 x 1	
261627	Focus run	12:42:31.00	-00:36:31.9	J2000.00	1.171	180.0	21:12:37.7	10.1	i	Sloan	1 x 1	
261628	SA104-338	12:42:31.00	-00:34:32.0	J2000.00	1.182	180.0	21:21:08.3	10.1	i	Sloan	1 x 1	
261629	SA104-338	12:42:33.00	-00:38:32.0	J2000.00	1.185	180.0	21:22:38.7	10.1	i	Sloan	1 x 1	
261630	SA104-338	12:42:31.00	-00:38:31.9	J2000.00	1.190	180.0	21:26:34.8	10.1	i	Sloan	1 x 1	
261631	SA104-338	12:42:32.33	-00:38:31.9	J2000.00	1.192	180.0	21:27:58.6	9.6	i	Sloan	1 x 1	
261632	SA104-338	12:42:29.66	-00:38:32.0	J2000.00	1.197	180.0	21:31:05.7	10.1	i	Sloan	1 x 1	
261633	SA104-338	12:42:30.99	-00:38:31.9	J2000.00	1.200	180.0	21:32:38.1	10.1	z	Gunn	1 x 1	
261634	VIR043	13:43:48.80	+03:31:41.7	J2000.00	1.108	180.0	21:36:19.6	599.4	z	Gunn	1 x 1	
261635	Vir042 Z	13:41:40.58	+03:19:05.3	J2000.00	1.117	180.0	21:49:36.6	599.0	z	Gunn	1 x 1	
261636	Vir042 i	13:41:40.59	+03:19:05.2	J2000.00	1.130	180.0	22:01:25.6	1098.7	i	Sloan	1 x 1	
261637	Vir042 i	13:41:40.59	+03:19:05.3	J2000.00	1.155	180.0	22:22:05.7	1098.3	i	Sloan	1 x 1	
261638	Vir042 i	13:41:40.59	+03:19:05.3	J2000.00	1.191	180.0	22:42:44.2	1099.0	i	Sloan	1 x 1	
261639	Vir043 i	13:43:48.79	+03:31:42.1	J2000.00	1.233	180.0	23:03:57.5	1098.7	i	Sloan	1 x 1	
261640	Vir043 i	13:43:48.80	+03:31:41.8	J2000.00	1.295	180.0	23:24:37.9	1098.9	i	Sloan	1 x 1	
261641	Vir043 i	13:43:48.80	+03:31:41.8	J2000.00	1.374	180.0	23:45:14.6	1098.8	i	Sloan	1 x 1	
261642	Her041 i	16:41:21.20	+46:03:55.7	J2000.00	1.048	180.0	00:07:44.6	1098.8	i	Sloan	1 x 1	
261643	Her041 i	16:41:21.21	+46:03:55.5	J2000.00	1.049	180.0	00:28:20.5	1098.7	i	Sloan	1 x 1	
261644	Her041 i	16:41:21.21	+46:03:55.7	J2000.00	1.055	180.0	00:49:00.7	1098.3	i	Sloan	1 x 1	
261645	Her029 i	16:40:46.82	+46:32:43.5	J2000.00	1.072	360.0	01:12:10.7	1098.5	i	Sloan	1 x 1	
261646	Her029 i	16:40:46.82	+46:32:43.6	J2000.00	1.091	360.0	01:32:48.9	1098.9	i	Sloan	1 x 1	
261647	Her029 i	16:40:46.81	+46:32:43.9	J2000.00	1.116	360.0	01:53:25.6	1098.7	i	Sloan	1 x 1	
261648	Her054 i	16:41:23.72	+45:40:22.9	J2000.00	1.144	360.0	02:14:40.7	1098.2	i	Sloan	1 x 1	
261649	Her054 i	16:41:23.73	+45:40:22.7	J2000.00	1.185	360.0	02:35:17.6	1098.2	i	Sloan	1 x 1	

261650	Her054 i	16:41:23.72	+45:40:22.8	J2000.00	1.235	360.0	02:55:59.7	1099.1	i	Sloan	1 x 1
261651	Her053 i	16:38:21.12	+45:30:01.4	J2000.00	1.306	360.0	03:17:06.3	1098.7	i	Sloan	1 x 1
261652	Her053 i	16:38:21.10	+45:30:01.2	J2000.00	1.381	360.0	03:37:42.1	1099.2	i	Sloan	1 x 1
261653	Her053 i	16:38:21.11	+45:30:01.4	J2000.00	1.473	360.0	03:58:21.3	1098.7	i	Sloan	1 x 1
261654	Her052 i	16:35:19.05	+45:19:40.0	J2000.00	1.606	360.0	04:19:34.1	1098.9	i	Sloan	1 x 1
261655	Her052 i	16:35:19.05	+45:19:39.8	J2000.00	1.747	360.0	04:40:09.9	1098.9	i	Sloan	1 x 1
261656	Her052 Z	16:35:19.05	+45:19:39.9	J2000.00	1.885	360.0	05:00:58.2	599.6	z	Gunn	1 x 1
261657	Flat field	22:58:00.00	+00:05:00.0	J2000.00	1.195	180.0	05:28:22.0	69.5	i	Sloan	1 x 1
261658	Flat field	22:58:01.33	+00:05:00.0	J2000.00	1.191	180.0	05:31:12.8	45.2	i	Sloan	1 x 1
261661	Flat field	22:58:02.66	+00:05:00.0	J2000.00	1.186	180.0	05:34:38.7	25.5	i	Sloan	1 x 1
261662	Flat field	22:58:02.66	+00:05:19.9	J2000.00	1.183	180.0	05:36:43.4	18.1	R	Harris	1 x 1
261663	Flat field	22:58:02.66	+00:05:39.9	J2000.00	1.180	180.0	05:38:40.9	12.5	R	Harris	1 x 1
261664	Flat field	22:58:01.33	+00:05:39.9	J2000.00	1.178	180.0	05:40:22.9	8.8	R	Harris	1 x 1
261665	Flat field	22:58:01.33	+00:05:20.0	J2000.00	1.176	180.0	05:42:00.4	6.3	R	Harris	1 x 1
261666	Flat field	22:58:01.33	+00:05:20.0	J2000.00	1.174	180.0	05:43:34.6	6.2	r	Sloan	1 x 1
261667	Flat field	22:58:01.33	+00:04:59.9	J2000.00	1.172	180.0	05:45:07.5	3.1	r	Sloan	1 x 1
261668	iFlat field	22:58:00.00	+00:05:00.0	J2000.00	1.170	180.0	05:46:27.2	1.6	r	Sloan	1 x 1