INT OBSERVING LOG (ISAAC NEWTON GROUP, LA PALMA)

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TELESCOPE:             INT
DATE:                  20010615
TAPE NR:
OBSERVER:              G. Dalton, P. Allen, C. Heymans
PROGRAMME:             The Oxford WFC survey
PATT/CAT REF.:         WFS6
TELESCOPE OPERATOR:    none
SUPPORT ASTRONOMER:    none

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, U, Z, R, KPB

WEATHER:               (1st half) good
                       (2nd half) good
CLOUD COVER (%):       (1st half) 0
                       (2nd half) 0
DUST (0-2):            (1st half) 1
                       (2nd half) 1
SEEING (arcsec):       (1st half) 2.0
                       (2nd half) 1.3

DOME OPENED (UT):      19:55
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METEOROLOGICAL PARAMETERS

LT	AirT	Hum%	Wspd	Gust	Wdir	Press	LocT	IntT	Mirr	LocRH	IntRH
21:00	13.4	23	12.0	15.1	47	774.9	13.9	17.5	16.9	22	22
22:00	12.9	25	14.2	17.1	81	775.3	13.4	14.6	16.4	23	21
23:00	13.2	29	19.0	21.9	37	775.7	13.5	14.6	16.1	27	25
00:00	13.0	27	8.5	12.8	93	776.2	13.2	14.6	15.7	26	25
01:00	13.2	27	18.4	21.6	23	776.1	13.6	14.3	15.8	25	26
02:00	13.7	23	18.3	19.6	27	775.8	14.2	14.3	15.6	21	21
03:00	12.7	26	20.6	24.8	22	775.1	13.1	13.6	15.0	24	27
04:00	12.7	27	18.7	21.3	42	774.8	13.0	13.3	14.6	26	26
05:00	11.9	24	22.4	22.8	21	774.6	12.2	12.5	14.3	23	24
06:00	11.4	28	22.7	23.5	21	774.8	11.8	12.3	14.7	28	28

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SUNSET(UT)             20:19
EVENING TWILIGHT(UT)   21:45
MORNING TWILIGHT(UT)   04:39
SUNRISE(UT)            06:05
MOON'S QUARTER (1-4)   4
DISK % OF ILLUM.       32
DARK TIME              06:54
TWILIGHT TIME          02:52
MOONRISE(UT)           02:34
MOONSET(UT)            No moonset within sunset-sunrise

TIME LOST(WEATHER):    00:00
TIME LOST(TECHNICAL):  00:00
TIME LOST(OTHER):      00:00
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Run no.	Object name	RA	Dec.	Equinox	AM	PA	UT	Exp. T.	Filter	Psys Channel	Binning	Comments
261737	Bias frame	0:00:00.00	+00:00:00.0	J2000.00	1.000	180.0	12:36:60.1	0.0	B	Kitt Peak	1 x 1	
261738	Dark frame	0:00:00.00	+00:00:00.0	J2000.00	1.000	180.0	12:38:15.0	5.0	B	Kitt Peak	1 x 1	

261739	DE Checks	0:00:00.00	+00:00:00.0	J2000.00	4.548	180.0	13:07:46.0	0.0	B	Kitt Peak	1 x 1
261740	Bias frame	0:00:00.00	+00:00:00.0	J2000.00	4.547	180.0	15:51:54.6	0.0	B	Kitt Peak	1 x 1
261741	Bias frame	0:00:00.00	+00:00:00.0	J2000.00	4.547	180.0	15:52:51.9	0.0	B	Kitt Peak	1 x 1
261742	Bias frame	0:00:00.00	+00:00:00.0	J2000.00	4.548	180.0	15:53:49.3	0.0	B	Kitt Peak	1 x 1
261743	Bias frame	0:00:00.00	+00:00:00.0	J2000.00	4.547	180.0	15:54:46.4	0.0	B	Kitt Peak	1 x 1
261744	Bias frame	0:00:00.00	+00:00:00.0	J2000.00	4.548	180.0	15:55:43.6	0.0	B	Kitt Peak	1 x 1
261745	Bias frame	0:00:00.00	+00:00:00.0	J2000.00	4.548	180.0	15:56:40.8	0.0	B	Kitt Peak	1 x 1
261746	Bias frame	0:00:00.00	+00:00:00.0	J2000.00	4.548	180.0	15:57:38.1	0.0	B	Kitt Peak	1 x 1
261747	Bias frame	0:00:00.00	+00:00:00.0	J2000.00	4.548	180.0	15:58:40.3	0.0	B	Kitt Peak	1 x 1
261748	Bias frame	0:00:00.00	+00:00:00.0	J2000.00	4.548	180.0	15:59:43.2	0.0	B	Kitt Peak	1 x 1
261749	Bias frame	0:00:00.00	+00:00:00.0	J2000.00	4.548	180.0	16:00:45.8	0.0	B	Kitt Peak	1 x 1
261750	Flush Chip	0:00:00.00	+00:00:00.0	J2000.00	4.548	180.0	16:07:10.5	0.0	B	Kitt Peak	1 x 1
261751	Dark	0:00:00.00	+00:00:00.0	J2000.00	4.548	180.0	16:08:41.3	1100.0	B	Kitt Peak	1 x 1
261753	Flush Chip	0:00:00.00	+00:00:00.0	J2000.00	4.548	180.0	16:32:45.2	0.0	B	Kitt Peak	1 x 1
261754	Dark	0:00:00.00	+00:00:00.0	J2000.00	4.548	180.0	16:34:03.0	60.0	B	Kitt Peak	1 x 1
261755	Dark	0:00:00.00	+00:00:00.0	J2000.00	4.548	180.0	16:37:44.7	60.0	B	Kitt Peak	1 x 1
261756	Dark	0:00:00.00	+00:00:00.0	J2000.00	4.548	180.0	16:40:46.9	60.0	B	Kitt Peak	1 x 1
261757	Dark	0:00:00.00	+00:00:00.0	J2000.00	4.548	180.0	16:43:39.4	60.0	B	Kitt Peak	1 x 1
261758	Dark	0:00:00.00	+00:00:00.0	J2000.00	4.548	180.0	16:46:40.9	60.0	B	Kitt Peak	1 x 1
261759	Dark	0:00:00.00	+00:00:00.0	J2000.00	4.548	180.0	16:49:37.8	60.0	B	Kitt Peak	1 x 1
261760	Dark	0:00:00.00	+00:00:00.0	J2000.00	4.548	180.0	16:52:26.0	60.0	B	Kitt Peak	1 x 1
261761	Dark	0:00:00.00	+00:00:00.0	J2000.00	4.548	180.0	16:54:53.3	60.0	B	Kitt Peak	1 x 1
261762	Dark	0:00:00.00	+00:00:00.0	J2000.00	4.548	180.0	16:57:04.6	60.0	B	Kitt Peak	1 x 1
261763	Dark	0:00:00.00	+00:00:00.0	J2000.00	4.548	180.0	16:59:15.7	60.0	B	Kitt Peak	1 x 1
261764	Dark	0:00:00.00	+00:00:00.0	J2000.00	4.548	180.0	17:01:26.9	60.0	B	Kitt Peak	1 x 1
261765	Dark	0:00:00.00	+00:00:00.0	J2000.00	4.548	180.0	17:03:38.5	60.0	B	Kitt Peak	1 x 1
261766	Dark	0:00:00.00	+00:00:00.0	J2000.00	4.548	180.0	17:05:57.2	60.0	B	Kitt Peak	1 x 1
261767	Dark	0:00:00.00	+00:00:00.0	J2000.00	4.548	180.0	17:08:16.8	60.0	B	Kitt Peak	1 x 1
261768	Dark	0:00:00.00	+00:00:00.0	J2000.00	4.548	180.0	17:10:34.1	60.0	B	Kitt Peak	1 x 1
261769	Dark	0:00:00.00	+00:00:00.0	J2000.00	4.548	180.0	17:12:57.9	60.0	B	Kitt Peak	1 x 1
261770	Dark	0:00:00.00	+00:00:00.0	J2000.00	4.548	180.0	17:15:14.8	60.0	B	Kitt Peak	1 x 1
261771	Dark	0:00:00.00	+00:00:00.0	J2000.00	4.548	180.0	17:17:31.4	60.0	B	Kitt Peak	1 x 1
261772	Dark	0:00:00.00	+00:00:00.0	J2000.00	4.548	180.0	17:19:48.7	60.0	B	Kitt Peak	1 x 1
261773	Dark	0:00:00.00	+00:00:00.0	J2000.00	4.548	180.0	17:22:03.3	60.0	B	Kitt Peak	1 x 1
261774	Dark	0:00:00.00	+00:00:00.0	J2000.00	4.548	180.0	17:24:14.5	60.0	B	Kitt Peak	1 x 1
261775	Dark	0:00:00.00	+00:00:00.0	J2000.00	4.548	180.0	17:26:25.7	60.0	B	Kitt Peak	1 x 1
261776	Dark	0:00:00.00	+00:00:00.0	J2000.00	4.548	180.0	17:28:40.8	60.0	B	Kitt Peak	1 x 1
261777	Dark	0:00:00.00	+00:00:00.0	J2000.00	4.548	180.0	17:30:59.9	60.0	B	Kitt Peak	1 x 1
261778	Dark	0:00:00.00	+00:00:00.0	J2000.00	4.548	180.0	17:33:13.6	60.0	B	Kitt Peak	1 x 1
261779	Dark	0:00:00.00	+00:00:00.0	J2000.00	4.548	180.0	17:35:30.6	60.0	B	Kitt Peak	1 x 1
261780	Dark	0:00:00.00	+00:00:00.0	J2000.00	4.548	180.0	17:37:47.4	60.0	B	Kitt Peak	1 x 1
261781	Dark	0:00:00.00	+00:00:00.0	J2000.00	4.548	180.0	17:40:02.4	60.0	B	Kitt Peak	1 x 1
261782	Dark	0:00:00.00	+00:00:00.0	J2000.00	4.548	180.0	17:42:14.7	60.0	B	Kitt Peak	1 x 1
261783	Dark	0:00:00.00	+00:00:00.0	J2000.00	4.548	180.0	17:44:25.9	60.0	B	Kitt Peak	1 x 1
261784	Dark	0:00:00.00	+00:00:00.0	J2000.00	4.548	180.0	17:46:37.9	60.0	B	Kitt Peak	1 x 1
261785	Dark	0:00:00.00	+00:00:00.0	J2000.00	4.548	180.0	17:48:49.5	60.0	B	Kitt Peak	1 x 1
261786	Dark	0:00:00.00	+00:00:00.0	J2000.00	4.548	180.0	17:51:05.2	60.0	B	Kitt Peak	1 x 1
261787	Dark	0:00:00.00	+00:00:00.0	J2000.00	4.548	180.0	17:53:21.1	60.0	B	Kitt Peak	1 x 1
261788	Dark	0:00:00.00	+00:00:00.0	J2000.00	4.548	180.0	17:55:39.2	60.0	B	Kitt Peak	1 x 1
261789	Dark	0:00:00.00	+00:00:00.0	J2000.00	4.548	180.0	17:57:52.0	60.0	B	Kitt Peak	1 x 1
261790	Dark	0:00:00.00	+00:00:00.0	J2000.00	4.548	180.0	18:00:03.0	60.0	B	Kitt Peak	1 x 1
261791	Dark	0:00:00.00	+00:00:00.0	J2000.00	4.548	180.0	18:02:14.3	60.0	B	Kitt Peak	1 x 1
261792	Dark	0:00:00.00	+00:00:00.0	J2000.00	4.548	180.0	18:04:25.4	60.0	B	Kitt Peak	1 x 1
261793	Dark	0:00:00.00	+00:00:00.0	J2000.00	4.548	180.0	18:06:37.2	60.0	B	Kitt Peak	1 x 1
261794	Dark	0:00:00.00	+00:00:00.0	J2000.00	4.548	180.0	18:08:48.5	60.0	B	Kitt Peak	1 x 1
261795	Dark	0:00:00.00	+00:00:00.0	J2000.00	4.548	180.0	18:10:59.4	60.0	B	Kitt Peak	1 x 1
261796	Dark	0:00:00.00	+00:00:00.0	J2000.00	4.548	180.0	18:13:10.1	60.0	B	Kitt Peak	1 x 1
261797	Dark	0:00:00.00	+00:00:00.0	J2000.00	4.548	180.0	18:15:20.8	60.0	B	Kitt Peak	1 x 1
261798	Dark	0:00:00.00	+00:00:00.0	J2000.00	4.548	180.0	18:17:31.5	60.0	B	Kitt Peak	1 x 1
261799	Dark	0:00:00.00	+00:00:00.0	J2000.00	4.548	180.0	18:19:43.2	60.0	B	Kitt Peak	1 x 1
261800	Dark	0:00:00.00	+00:00:00.0	J2000.00	4.548	180.0	18:21:54.8	60.0	B	Kitt Peak	1 x 1
261801	Dark	0:00:00.00	+00:00:00.0	J2000.00	4.548	180.0	18:24:07.1	60.0	B	Kitt Peak	1 x 1

261802	Dark	0:00:00.00	+00:00:00.0	J2000.00	4.548	180.0	18:26:19.3	60.0	B	Kitt Peak	1 x 1	
261803	Dark	0:00:00.00	+00:00:00.0	J2000.00	4.548	180.0	18:28:31.1	60.0	B	Kitt Peak	1 x 1	
261804	Dark	0:00:00.00	+00:00:00.0	J2000.00	4.548	180.0	18:30:42.6	60.0	B	Kitt Peak	1 x 1	
261805	Dark	0:00:00.00	+00:00:00.0	J2000.00	4.548	180.0	18:32:54.3	60.0	B	Kitt Peak	1 x 1	
261806	Dark	0:00:00.00	+00:00:00.0	J2000.00	4.548	180.0	18:35:10.1	60.0	B	Kitt Peak	1 x 1	
261807	Dark	0:00:00.00	+00:00:00.0	J2000.00	4.548	180.0	18:37:26.3	60.0	B	Kitt Peak	1 x 1	
261808	Dark	0:00:00.00	+00:00:00.0	J2000.00	4.548	180.0	18:39:42.4	60.0	B	Kitt Peak	1 x 1	
261809	Dark	0:00:00.00	+00:00:00.0	J2000.00	4.548	180.0	18:41:55.3	60.0	B	Kitt Peak	1 x 1	
261810	Dark	0:00:00.00	+00:00:00.0	J2000.00	4.548	180.0	18:44:08.9	60.0	B	Kitt Peak	1 x 1	
261811	Dark	0:00:00.00	+00:00:00.0	J2000.00	4.548	180.0	18:46:19.7	1100.0	B	Kitt Peak	1 x 1	
261812	Dark	0:00:00.00	+00:00:00.0	J2000.00	4.548	180.0	19:05:51.1	1100.0	B	Kitt Peak	1 x 1	
261813	Dark	0:00:00.00	+00:00:00.0	J2000.00	4.548	180.0	19:25:23.3	1100.0	B	Kitt Peak	1 x 1	
261816	uflat	15:02:00.00	+29:54:59.9	J2000.00	1.139	180.0	20:25:11.5	2.0	U	RGO	1 x 1	
261817	uflat	15:02:01.53	+29:55:00.0	J2000.00	1.134	180.0	20:27:28.8	3.1	U	RGO	1 x 1	saturated
261818	uflat	15:02:03.07	+29:55:00.1	J2000.00	1.130	180.0	20:29:13.5	3.1	U	RGO	1 x 1	chip 1 saturated
261819	uflat	15:02:01.53	+29:54:59.9	J2000.00	1.126	180.0	20:30:45.8	5.1	U	RGO	1 x 1	saturated
261820	uflat	15:01:58.46	+29:55:00.1	J2000.00	1.122	180.0	20:32:31.2	3.1	U	RGO	1 x 1	
261821	uflat	15:02:03.07	+29:55:19.9	J2000.00	1.119	180.0	20:34:06.9	4.1	U	RGO	1 x 1	
261822	uflat	15:01:56.92	+29:55:39.7	J2000.00	1.115	180.0	20:35:42.3	6.1	U	RGO	1 x 1	
261823	uflat	15:01:55.38	+29:54:00.0	J2000.00	1.113	180.0	20:37:04.5	8.1	U	RGO	1 x 1	
261824	uflat	15:01:55.38	+29:55:30.0	J2000.00	1.110	180.0	20:38:29.3	10.2	U	RGO	1 x 1	
261825	uflat	15:02:04.61	+29:54:19.9	J2000.00	1.106	180.0	20:40:21.4	13.1	U	RGO	1 x 1	
261826	uflat	15:02:03.07	+29:54:30.0	J2000.00	1.103	180.0	20:42:01.4	18.1	U	RGO	1 x 1	
261827	uflat	15:02:06.15	+29:56:20.0	J2000.00	1.100	180.0	20:43:34.1	25.1	U	RGO	1 x 1	
261828	uflat	15:02:06.14	+29:53:40.0	J2000.00	1.096	180.0	20:45:15.2	75.0	U	RGO	1 x 1	
261829	Flat field	15:01:59.99	+29:54:59.9	J2000.00	1.091	180.0	20:48:10.0	25.8	B	Kitt Peak	1 x 1	
261830	Flat field	15:02:01.53	+29:54:59.9	J2000.00	1.088	180.0	20:50:05.4	37.4	B	Kitt Peak	1 x 1	
261831	Flat field	15:02:01.53	+29:54:39.9	J2000.00	1.083	180.0	20:52:17.3	55.0	B	Kitt Peak	1 x 1	
261832	Flat field	15:02:01.53	+29:54:19.9	J2000.00	1.079	180.0	20:54:56.4	87.1	B	Kitt Peak	1 x 1	
261833	Focus run	12:42:31.00	-00:36:31.8	J2000.00	1.177	180.0	21:10:02.8	10.1	B	Kitt Peak	1 x 1	
261834	Focus run	12:42:31.00	-00:36:31.7	J2000.00	1.185	180.0	21:16:26.8	10.1	i	Sloan	1 x 1	
261835	Focus run	12:42:31.00	-00:36:31.8	J2000.00	1.195	180.0	21:22:52.8	10.1	i	Sloan	1 x 1	
261836	SA104-338	12:42:30.99	-00:38:31.9	J2000.00	1.205	180.0	21:27:50.8	20.1	V	Harris	1 x 1	
261837	SA104-338	12:42:31.00	-00:38:31.9	J2000.00	1.208	180.0	21:29:36.4	20.1	R	Harris	1 x 1	
261838	SA104-338	12:42:31.00	-00:38:32.0	J2000.00	1.211	180.0	21:31:19.4	20.1	i	Sloan	1 x 1	
261839	Her041 Z	16:41:21.21	+46:03:55.5	J2000.00	1.211	180.0	21:38:37.6	599.4	z	Gunn	1 x 1	
261840	Vir043 V	13:43:48.80	+03:31:41.7	J2000.00	1.125	180.0	21:53:14.4	998.9	V	Harris	1 x 1	
261841	Vir043 V	13:43:48.79	+03:31:41.8	J2000.00	1.146	180.0	22:12:21.0	999.0	V	Harris	1 x 1	
261842	Vir043 V	13:43:48.79	+03:31:41.5	J2000.00	1.177	180.0	22:31:25.6	998.3	V	Harris	1 x 1	
261843	Vir042 V	13:41:40.59	+03:19:05.1	J2000.00	1.226	180.0	22:50:59.2	999.1	V	Harris	1 x 1	
261844	Vir042 V	13:41:40.59	+03:19:05.1	J2000.00	1.280	180.0	23:10:07.6	998.6	V	Harris	1 x 1	
261845	Vir042 V	13:41:40.59	+03:19:05.6	J2000.00	1.349	180.0	23:29:19.0	999.0	V	Harris	1 x 1	
261846	Her040 V	16:38:17.30	+45:53:33.9	J2000.00	1.048	180.0	23:49:43.5	999.0	V	Harris	1 x 1	
261847	Her040 V	16:38:17.30	+45:53:34.3	J2000.00	1.047	180.0	00:08:47.9	999.1	V	Harris	1 x 1	
261848	Her040 V	16:38:17.29	+45:53:34.3	J2000.00	1.050	180.0	00:27:53.7	998.5	V	Harris	1 x 1	
261849	Her041 V	16:41:21.20	+46:03:55.6	J2000.00	1.058	180.0	00:47:28.9	998.9	V	Harris	1 x 1	
261850	Her041 V	16:41:21.21	+46:03:55.5	J2000.00	1.070	180.0	01:06:39.9	999.0	V	Harris	1 x 1	
261851	Her041 V	16:41:21.21	+46:03:55.7	J2000.00	1.088	180.0	01:25:49.8	999.0	V	Harris	1 x 1	
261852	Her027 V	16:34:36.37	+46:12:00.6	J2000.00	1.126	360.0	01:47:56.7	999.0	V	Harris	1 x 1	
261853	Her027 V	16:34:36.37	+46:12:00.5	J2000.00	1.158	360.0	02:07:05.6	999.0	V	Harris	1 x 1	
261854	Her052 V	16:35:19.04	+45:19:39.9	J2000.00	1.193	360.0	02:26:36.6	998.5	V	Harris	1 x 1	
261855	Her052 V	16:35:19.04	+45:19:39.9	J2000.00	1.241	360.0	02:45:44.3	998.9	V	Harris	1 x 1	
261856	Her052 V	16:35:19.05	+45:19:39.8	J2000.00	1.298	360.0	03:04:50.6	999.1	V	Harris	1 x 1	
261858	Her052 R	16:35:19.05	+45:19:40.0	J2000.00	1.382	360.0	03:26:07.6	1198.8	R	Harris	1 x 1	
261859	Her052 i	16:35:19.05	+45:19:40.0	J2000.00	1.475	360.0	03:47:59.7	1098.7	i	Sloan	1 x 1	
261860	Her053 R	16:38:21.11	+45:30:01.4	J2000.00	1.578	360.0	04:09:15.5	1198.8	R	Harris	1 x 1	
261861	Her053 Z	16:38:21.11	+45:30:01.4	J2000.00	1.684	360.0	04:31:02.0	599.3	z	Gunn	1 x 1	
261862	Her054 Z	16:41:23.73	+45:40:23.0	J2000.00	1.752	360.0	04:43:26.3	599.5	z	Gunn	1 x 1	
261863	Flat field	22:58:00.00	+00:05:00.0	J2000.00	1.184	180.0	05:26:23.0	232.1	V	Harris	1 x 1	saturated
261864	Vflat	22:57:58.66	+00:05:00.0	J2000.00	1.177	180.0	05:32:20.3	60.1	V	Harris	1 x 1	
261865	Flat field	22:57:57.33	+00:05:00.0	J2000.00	1.174	180.0	05:34:53.5	40.1	V	Harris	1 x 1	
261866	Vflat	22:58:01.33	+00:05:00.0	J2000.00	1.172	180.0	05:37:13.3	30.1	V	Harris	1 x 1	

261867	Vflat	22:58:02.66	+00:05:00.0	J2000.00	1.169	180.0	05:39:12.3	20.1	V	Harris	1 x 1
261868	Flat field	22:58:00.00	+00:05:19.9	J2000.00	1.167	180.0	05:41:08.0	13.0	V	Harris	1 x 1
261869	Flat field	22:58:00.00	+00:05:39.9	J2000.00	1.165	180.0	05:43:03.5	8.1	V	Harris	1 x 1
261870	Flat field	22:57:59.99	+00:04:20.0	J2000.00	1.163	180.0	05:44:50.7	4.9	V	Harris	1 x 1
261871	Flat field	22:58:01.33	+00:04:20.0	J2000.00	1.161	180.0	05:46:36.3	3.6	V	Harris	1 x 1
261872	Vflat	22:57:58.66	+00:04:20.0	J2000.00	1.160	180.0	05:48:35.1	2.1	V	Harris	1 x 1