INT OBSERVING LOG (ISAAC NEWTON GROUP, LA PALMA)

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TELESCOPE:            INT
DATE:                 20011118
TAPE NR:
OBSERVER:             S. Rawlings, E. MacDonald
PROGRAMME:            Oxford Wide Field Survey
PATT/CAT REF.:        I/01B/WFS06
TELESCOPE OPERATOR:   none
SUPPORT ASTRONOMER:   none

TELESCOPE FOCUS:      44.05 mm
CALIBRATE RESULTS:    not specified

INSTRUMENT:           WFC

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

WEATHER:              (1st half) good
                      (2nd half) good
CLOUD COVER (%):      (1st half) 50
                      (2nd half) 50
DUST (0-2):           (1st half) 0
                      (2nd half) 0
SEEING (arcsec):      (1st half) 1.2-2.5
                      (2nd half) 1.2-2.5

DOME OPENED (UT):     18:20
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METEOROLOGICAL PARAMETERS

LT	AirT	Hum%	Wspd	Gust	Wdir	Press	LocT	IntT	Mirr	LocRH	IntRH
19:00	5.4	46	33.2	46.3	136	766.1	5.8	6.9	8.9	43	40
20:00	2.8	98	11.8	16.0	134	766.6	3.0	6.2	8.9	92	74
21:00	4.3	65	29.1	31.9	224	766.9	4.5	6.5	8.5	68	57
22:00	3.9	81	27.9	30.6	236	767.1	4.0	5.9	7.9	78	67
23:00	3.8	88	27.3	29.7	234	766.9	3.8	5.9	7.9	84	73
00:00	3.8	81	25.7	27.1	232	766.8	3.6	5.6	7.1	80	70
01:00	3.7	87	18.9	23.3	227	766.4	4.1	5.7	6.9	82	73
02:00	3.6	80	19.2	22.7	194	766.3	3.8	5.7	6.6	75	67
03:00	3.5	89	28.1	32.7	196	766.1	3.9	5.4	6.9	85	77
04:00	3.8	70	21.0	24.2	233	765.9	4.4	5.5	7.0	64	63
05:00	4.2	55	28.3	30.8	207	765.7	4.4	5.1	6.5	54	54
06:00	4.8	33	20.3	28.6	197	766.0	5.4	5.5	6.8	26	32
07:00	2.2	98	19.5	21.6	205	765.9	2.8	4.4	6.2	94	81

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SUNSET(UT)            18:24
EVENING TWILIGHT(UT)  19:39
MORNING TWILIGHT(UT)  06:15
SUNRISE(UT)           07:30
MOON'S QUARTER (1-4)  1
DISK % OF ILLUM.      15
DARK TIME             10:36
TWILIGHT TIME         02:30
MOONRISE(UT)          No moonrise within sunset-sunrise
MOONSET(UT)           21:18

TIME LOST(WEATHER):   00:45
TIME LOST(TECHNICAL): 00:35
TIME LOST(OTHER):     00:00

COMMENTS:
  Pointing problem - encoder ferranti 2 disabled
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Hunidity alarm doesn't work at 95%

Run no.	Object name	RA	Dec.	Equinox	AM	PA	UT	Exp. T.	Filter	Psys Channel	Binning	Comments
285170	test bias	16:35:00.00	+47:34:00.0	J2000.00	1.071	180.0	14:44:24.3	0.0	B	Kitt Peak	1 x 1	
285171	test flat in R	16:35:00.00	+47:33:59.9	J2000.00	1.073	180.0	14:47:17.9	7.1	R	Harris	1 x 1	
285172	Bias	0:00:00.00	+00:00:00.0	J2000.00	3.104	180.0	18:00:06.8	0.0	B	Kitt Peak	1 x 1	
285173	Bias	0:00:00.00	+00:00:00.0	J2000.00	1.000	180.0	18:02:55.3	0.0	B	Kitt Peak	1 x 1	
285174	Flat z	23:54:08.90	+59:28:17.9	B1950.00	1.362	180.0	18:21:06.3	0.9	z	Gunn	1 x 1	
285175	Bias	23:54:08.89	+59:28:18.0	B1950.00	1.359	180.0	18:22:22.5	0.0	z	Gunn	1 x 1	
285176	Flat z	23:54:08.90	+59:28:17.9	B1950.00	1.349	180.0	18:26:20.8	4.1	z	Gunn	1 x 1	
285177	Flat z	23:54:08.90	+59:28:17.9	B1950.00	1.346	180.0	18:27:41.4	1.0	z	Gunn	1 x 1	
285178	Bias	23:54:08.89	+59:28:18.0	B1950.00	1.343	180.0	18:29:14.3	0.0	z	Gunn	1 x 1	
285179	Flat z	23:54:08.90	+59:28:18.0	B1950.00	1.339	180.0	18:30:45.5	1.6	z	Gunn	1 x 1	
285180	Bias	23:54:08.90	+59:28:18.0	B1950.00	1.337	180.0	18:31:53.2	0.0	z	Gunn	1 x 1	
285181	Bias	23:54:08.90	+59:28:17.9	B1950.00	1.334	180.0	18:33:01.2	0.0	z	Gunn	1 x 1	
285182	Bias	23:54:08.90	+59:28:18.0	B1950.00	1.328	180.0	18:35:43.9	0.0	z	Gunn	1 x 1	
285183	Bias	23:54:08.90	+59:28:17.9	B1950.00	1.323	180.0	18:37:57.2	0.0	z	Gunn	1 x 1	
285184	Bias	23:54:08.90	+59:28:18.0	B1950.00	1.321	180.0	18:38:50.2	0.0	z	Gunn	1 x 1	
285185	Flat field	23:54:08.90	+59:28:18.0	B1950.00	1.317	180.0	18:40:50.3	8.2	z	Gunn	1 x 1	
285186	z flat	23:54:08.90	+59:28:18.0	B1950.00	1.313	180.0	18:42:36.5	10.1	z	Gunn	1 x 1	
285187	Flat field	0:00:00.00	+00:00:00.0	B1950.00	1.310	180.0	18:43:59.0	4.9	R	Harris	1 x 1	
285188	Flat field	23:54:08.90	+59:28:18.0	B1950.00	1.307	180.0	18:45:21.7	7.4	R	Harris	1 x 1	
285189	Flat field	23:54:08.90	+59:28:18.2	B1950.00	1.304	180.0	18:46:39.2	26.4	R	Harris	1 x 1	
285190	Flat field	23:54:08.90	+59:28:17.6	B1950.00	1.302	180.0	18:48:13.5	17.5	i	Sloan	1 x 1	
285191	Flat field	23:54:12.83	+59:28:48.0	B1950.00	1.298	180.0	18:50:12.7	26.8	i	Sloan	1 x 1	
285192	Flat field	23:54:15.46	+59:29:07.9	B1950.00	1.294	180.0	18:52:00.4	38.9	i	Sloan	1 x 1	
285193	Flat field	23:54:18.09	+59:29:28.0	B1950.00	1.291	180.0	18:53:39.8	40.1	i	Sloan	1 x 1	
285194	Focus run	0:55:58.99	+00:54:57.9	J2000.00	1.662	180.0	19:07:37.5	9.6	R	Harris	1 x 1	
285195	Focus run	0:55:59.00	+00:54:58.0	J2000.00	1.601	180.0	19:15:50.8	10.1	R	Harris	1 x 1	
285196	Focus run	0:55:59.00	+00:54:58.0	J2000.00	1.556	180.0	19:22:36.9	10.1	R	Harris	1 x 1	
285198	Bias Frame	0:00:00.00	+00:00:00.0	J2000.00	1.000	180.0	20:07:47.9	0.0	i	Sloan	1 x 1	
285199	Bias Frame	0:00:00.00	+00:00:00.0	J2000.00	1.000	180.0	20:08:27.3	0.0	i	Sloan	1 x 1	
285200	Bias Frame	0:00:00.00	+00:00:00.0	J2000.00	1.000	180.0	20:09:11.9	0.0	i	Sloan	1 x 1	
285201	Bias Frame	0:00:00.00	+00:00:00.0	J2000.00	1.000	180.0	20:09:50.9	0.0	i	Sloan	1 x 1	
285202	Bias Frame	0:00:00.00	+00:00:00.0	J2000.00	1.000	180.0	20:10:29.9	0.0	i	Sloan	1 x 1	
285203	Bias Frame	0:00:00.00	+00:00:00.0	J2000.00	1.000	180.0	20:11:14.0	0.0	i	Sloan	1 x 1	
285204	Bias Frame	0:00:00.00	+00:00:00.0	J2000.00	1.000	180.0	20:11:53.0	0.0	i	Sloan	1 x 1	
285205	Bias Frame	0:00:00.00	+00:00:00.0	J2000.00	1.000	180.0	20:12:31.9	0.0	i	Sloan	1 x 1	
285206	Bias Frame	0:00:00.00	+00:00:00.0	J2000.00	1.000	180.0	20:13:14.6	0.0	i	Sloan	1 x 1	
285207	Bias Frame	0:00:00.00	+00:00:00.0	J2000.00	1.000	180.0	20:13:53.6	0.0	i	Sloan	1 x 1	
285208	Bias Frame	0:00:00.00	+00:00:00.0	J2000.00	1.000	180.0	20:14:32.6	0.0	i	Sloan	1 x 1	
285209	And067 i	0:22:24.47	+34:27:56.2	J2000.00	1.043	180.0	20:20:03.9	1099.5	i	Sloan	1 x 1	
285210	And067 i	0:22:24.47	+34:27:56.0	J2000.00	1.025	180.0	20:40:16.5	1099.4	i	Sloan	1 x 1	
285211	And067 i	0:22:24.47	+34:27:56.3	J2000.00	1.013	180.0	21:00:28.9	1099.3	i	Sloan	1 x 1	
285212	And067 V	0:22:24.46	+34:27:56.5	J2000.00	1.006	180.0	21:20:49.0	999.5	V	Harris	1 x 1	
285213	And067 V	0:22:24.47	+34:27:56.0	J2000.00	1.005	180.0	21:39:15.3	999.4	V	Harris	1 x 1	
285214	And067 V	0:22:24.46	+34:27:56.3	J2000.00	1.009	180.0	21:57:49.6	999.4	V	Harris	1 x 1	
285215	And067 R	0:22:24.46	+34:27:56.4	J2000.00	1.020	180.0	22:17:30.2	1199.3	R	Harris	1 x 1	guiding lost
285217	And067 R	0:22:24.46	+34:27:56.3	J2000.00	1.058	180.0	22:57:19.3	1199.3	R	Harris	1 x 1	
285218	And067 R	0:22:24.46	+34:27:55.9	J2000.00	1.090	180.0	23:19:09.9	1199.5	R	Harris	1 x 1	
285219	And067 R	0:11:12.23	+17:13:58.1	J2000.00	1.132	180.0	23:41:00.3	1198.7	R	Harris	1 x 1	
285220	And067 KPB	0:22:24.47	+34:27:56.3	J2000.00	1.179	180.0	00:02:57.1	899.0	B	Kitt Peak	1 x 1	
285221	And067 KPB	0:22:24.47	+34:27:56.3	J2000.00	1.228	180.0	00:19:43.8	899.6	B	Kitt Peak	1 x 1	
285222	And067 KPB	0:22:24.47	+34:27:56.3	J2000.00	1.285	180.0	00:36:32.0	899.6	B	Kitt Peak	1 x 1	
285223	And067 Z	0:22:24.45	+34:27:56.2	J2000.00	1.342	180.0	00:53:11.9	599.7	z	Gunn	1 x 1	
285224	And067 Z	0:22:24.47	+34:27:56.2	J2000.00	1.396	180.0	01:05:04.3	599.6	z	Gunn	1 x 1	
285225	And067 Z	0:22:24.46	+34:27:56.8	J2000.00	1.457	180.0	01:16:57.2	599.8	z	Gunn	1 x 1	
285226	M31-microfld1	0:44:00.00	+41:34:00.0	J2000.00	1.391	180.0	01:30:31.5	318.9	R	Harris	1 x 1	
285227	M31-microfld1	0:44:00.00	+41:34:00.0	J2000.00	1.423	180.0	01:37:26.1	319.9	R	Harris	1 x 1	
285228	M31-microfld1	0:43:59.99	+41:34:00.0	J2000.00	1.465	180.0	01:46:03.7	319.9	i	Sloan	1 x 1	
285229	M31-microfld1	0:44:00.00	+41:33:59.9	J2000.00	1.501	180.0	01:52:52.5	319.4	i	Sloan	1 x 1	

285230	M31-microfld2	0:43:10.00	+40:58:14.9	J2000.00	1.551	180.0	02:00:31.6	319.9	R	Harris		1 x 1
285231	M31-microfld2	0:43:10.00	+40:58:14.9	J2000.00	1.632	180.0	02:13:03.2	319.9	R	Harris		1 x 1
285232	M31-microfld2	0:43:10.00	+40:58:15.0	J2000.00	1.679	180.0	02:19:44.2	319.3	i	Sloan		1 x 1
285233	M31-microfld2	0:43:10.00	+40:58:14.9	J2000.00	1.731	180.0	02:26:24.9	319.9	i	Sloan		1 x 1
285234	And055 Z	0:21:55.16	+34:56:44.2	J2000.00	2.246	360.0	02:41:40.2	599.7	z	Gunn		1 x 1
285235	And055 Z	0:10:57.57	+17:28:22.2	J2000.00	1.506	360.0	02:53:31.9	599.7	V	Harris		1 x 1 Don’t use.
285236	Lyn080 R	9:13:52.86	+40:23:11.5	J2000.00	1.334	360.0	03:06:29.6	1199.3	R	Harris		1 x 1
285237	Lyn080 R	9:13:52.86	+40:23:11.6	J2000.00	1.257	360.0	03:28:21.9	1199.4	R	Harris		1 x 1
285238	Lyn080 R	9:13:52.86	+40:23:11.5	J2000.00	1.194	360.0	03:50:14.7	1199.3	R	Harris		1 x 1
285239	Lyn080 KPB	9:13:52.86	+40:23:11.5	J2000.00	1.149	360.0	04:12:10.6	899.5	B	Kitt Peak		1 x 1
285242	Bias Frame	7:59:44.14	-03:40:46.6	J2000.00	1.194	360.0	04:49:44.0	0.0	V	Harris		1 x 1 These 5 biases
285243	Bias Frame	7:59:44.14	-03:40:46.7	J2000.00	1.194	360.0	04:50:23.5	0.0	V	Harris		1 x 1 are crappy
285244	Bias Frame	7:59:44.14	-03:40:46.6	J2000.00	1.193	360.0	04:51:03.0	0.0	V	Harris		1 x 1 don’t use!!
285245	Bias Frame	0:00:00.00	+00:00:00.0	J2000.00	1.192	360.0	04:51:42.0	0.0	V	Harris		1 x 1
285246	Bias Frame	0:00:00.00	+00:00:00.0	J2000.00	1.192	360.0	04:52:27.9	0.0	V	Harris		1 x 1
285248	Lyn080 V	9:13:52.86	+40:23:11.6	J2000.00	1.045	360.0	05:24:42.9	999.5	V	Harris		1 x 1
285249	Lyn080 V	9:13:52.85	+40:23:11.8	J2000.00	1.032	360.0	05:43:09.5	999.5	V	Harris		1 x 1
285250	Lyn080 V	9:13:52.86	+40:23:11.4	J2000.00	1.024	360.0	06:01:43.5	999.5	V	Harris		1 x 1
285252	Lyn080 KPB	9:13:52.85	+40:23:11.7	J2000.00	1.021	360.0	06:24:51.5	899.6	B	Kitt Peak		1 x 1
285253	Lyn080 KPB	9:13:52.86	+40:23:11.2	J2000.00	1.023	360.0	06:41:43.6	899.6	B	Kitt Peak		1 x 1
285255	Bias	9:13:52.86	+40:23:11.6	J2000.00	1.026	360.0	07:01:08.4	0.0	z	Gunn	1	1 x 1
285256	Bias	0:00:00.00	+00:00:00.0	J2000.00	1.000	360.0	07:01:47.9	0.0	z	Gunn	1	1 x 1
285257	Bias	0:00:00.00	+00:00:00.0	J2000.00	1.000	360.0	07:02:26.9	0.0	z	Gunn	1	1 x 1
285258	Bias	0:00:00.00	+00:00:00.0	J2000.00	1.000	360.0	07:03:10.1	0.0	z	Gunn	1	1 x 1
285259	Bias	0:00:00.00	+00:00:00.0	J2000.00	1.000	360.0	07:03:49.2	0.0	z	Gunn	1	1 x 1
285260	Bias	0:00:00.00	+00:00:00.0	J2000.00	1.000	360.0	07:04:28.5	0.0	z	Gunn	1	1 x 1
285261	Bias	0:00:00.00	+00:00:00.0	J2000.00	1.000	360.0	07:05:17.6	0.0	z	Gunn	1	1 x 1
285262	Bias	0:00:00.00	+00:00:00.0	J2000.00	1.000	360.0	07:06:02.8	0.0	z	Gunn	1	1 x 1
285263	Bias	0:00:00.00	+00:00:00.0	J2000.00	1.000	360.0	07:06:41.9	0.0	z	Gunn	1	1 x 1
285264	Bias	0:00:00.00	+00:00:00.0	J2000.00	1.000	360.0	07:07:24.1	0.0	z	Gunn	1	1 x 1 Lights on-oops!
285265	Bias	0:00:00.00	+00:00:00.0	J2000.00	1.000	360.0	07:08:03.1	0.0	z	Gunn	1	1 x 1