INT OBSERVING LOG (ISAAC NEWTON GROUP, LA PALMA)

TELESCOPE:	INT
DATE:	20011121
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) bad
	(2nd half) fair
CLOUD COVER (%):	(1st half) 100
	(2nd half) 50
DUST (0-2):	(1st half) 0
	(2nd half) 0
SEEING (arcsec):	(1st half) 0
	(2nd half) 1.0-3.3
DOME OPENED (UT):	2:00

METEOROLOGICAL PARAMETERS

LT	AirT	Hum%	Wspd	Gust	Wdir	Press	LocT	IntT	Mirr	LocRH	IntRH
19:00	-0.4	100	44.2	50.8	4	766.7	-0.1	9.5	10.5	100	57
20:00	0.1	100	49.6	57.6	27	767.4	0.4	9.6	10.7	100	58
21:00	0.0	100	60.8	67.5	14	767.4	0.1	9.3	10.7	100	59
22:00	-0.3	100	46.6	51.0	355	767.6	-0.2	9.4	10.5	100	58
23:00	0.1	100	39.6	46.2	351	767.7	0.6	9.1	10.6	100	59
00:00	-0.6	99	35.9	39.3	338	768.0	-0.2	9.4	10.5	99	57
01:00	2.0	38	36.3	46.1	358	768.0	0.5	8.3	10.6	55	44
02:00	1.5	60	45.1	47.4	4	767.7	0.8	7.4	9.9	77	59
03:00	4.2	18	38.1	42.9	3	768.0	4.5	5.5	8.7	18	20
04:00	3.5	37	32.8	36.1	10	767.9	3.2	5.6	8.2	42	26
05:00	4.2	21	31.9	39.1	353	767.6	4.8	5.5	8.1	17	19
06:00	3.8	35	36.3	39.6	346	767.5	3.5	5.5	7.9	30	28
07:00	1.2	82	32.0	38.1	353	767.4	-0.1	4.2	7.7	86	62

SUNSET(UT)	18:23
EVENING TWILIGHT(UT)	19:38
MORNING TWILIGHT(UT)	06:17
SUNRISE(UT)	07:32
MOON'S QUARTER (1-4)	1
DISK % OF ILLUM.	41
DARK TIME	10:39
TWILIGHT TIME	02:30
MOONRISE(UT)	No moonrise within sunset-sunrise
MOONSET(UT)	00:03
TIME LOST(WEATHER):	7:30
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
285373	BENNEKER	0:00:00.00	+00:00:00.0	J2000.00	1.000	180.0	14:23:37.9	1.9	z	Gunn	1 x 1	
285374	Bias frame	0:00:00.00	+00:00:00.0	J2000.00	1.000	180.0	14:25:58.7	0.0	z	Gunn	1 x 1	
285375	BENNEKER	0:00:00.00	+00:00:00.0	J2000.00	1.000	180.0	14:34:22.1	1.6	z	Gunn	1 x 1	
285376	BENNEKER	0:00:00.00	+00:00:00.0	J2000.00	1.000	180.0	14:37:01.8	5.1	z	Gunn	1 x 1	
285377	BENNEKER	0:00:00.00	+00:00:00.0	J2000.00	1.000	180.0	14:39:01.7	5.1	V	Harris	1 x 1	
285378	BENNEKER	0:00:00.00	+00:00:00.0	J2000.00	1.000	180.0	14:41:06.4	20.1	V	Harris	1 x 1	
285379	BENNEKER	0:00:00.00	+00:00:00.0	J2000.00	1.000	180.0	14:44:27.8	120.0	V	Harris	1 x 1	
285381	Bias Frame	0:00:00.00	+00:00:00.0	J2000.00	1.000	180.0	18:46:29.9	0.0	V	Harris	1 x 1	
285382	Bias Frame	0:00:00.00	+00:00:00.0	J2000.00	1.000	180.0	18:47:08.9	0.0	V	Harris	1 x 1	
285383	Bias Frame	0:00:00.00	+00:00:00.0	J2000.00	1.000	180.0	18:47:47.9	0.0	V	Harris	1 x 1	
285384	Bias Frame	0:00:00.00	+00:00:00.0	J2000.00	1.000	180.0	18:48:27.0	0.0	V	Harris	1 x 1	
285385	Bias Frame	0:00:00.00	+00:00:00.0	J2000.00	1.000	180.0	18:49:06.0	0.0	V	Harris	1 x 1	
285386	Bias Frame	0:00:00.00	+00:00:00.0	J2000.00	1.000	180.0	18:49:45.0	0.0	V	Harris	1 x 1	
285387	Bias Frame	0:00:00.00	+00:00:00.0	J2000.00	1.000	180.0	18:50:24.0	0.0	V	Harris	1 x 1	
285388	Bias Frame	0:00:00.00	+00:00:00.0	J2000.00	1.000	180.0	18:51:03.0	0.0	V	Harris	1 x 1	
285389	Bias Frame	0:00:00.00	+00:00:00.0	J2000.00	1.000	180.0	18:51:41.9	0.0	V	Harris	1 x 1	
285390	Bias Frame	0:00:00.00	+00:00:00.0	J2000.00	1.000	180.0	18:52:21.0	0.0	V	Harris	1 x 1	
285391	Bias Frame	0:00:00.00	+00:00:00.0	J2000.00	1.000	180.0	18:52:59.9	0.0	V	Harris	1 x 1	
285392	Bias Frame	0:00:00.00	+00:00:00.0	J2000.00	1.000	180.0	18:53:38.9	0.0	V	Harris	1 x 1	
285393	Bias Frame	0:00:00.00	+00:00:00.0	J2000.00	1.000	180.0	18:54:18.0	0.0	V	Harris	1 x 1	
285394	Bias Frame	0:00:00.00	+00:00:00.0	J2000.00	1.000	180.0	18:54:57.0	0.0	V	Harris	1 x 1	
285395	Bias Frame	0:00:00.00	+00:00:00.0	J2000.00	1.000	180.0	18:55:36.0	0.0	V	Harris	1 x 1	
285396	Dark 1200	0:00:00.00	+00:00:00.0	J2000.00	1.000	180.0	18:57:27.0	1200.0	V	Harris	1 x 1	
285397	Dark 1100	0:00:00.00	+00:00:00.0	J2000.00	1.000	180.0	19:23:39.9	1100.0	V	Harris	1 x 1	
285398	Dark 1000	0:00:00.00	+00:00:00.0	J2000.00	1.000	180.0	21:10:60.2	1000.0	V	Harris	1 x 1	
285399	Dark 900	0:00:00.00	+00:00:00.0	J2000.00	1.000	180.0	21:28:44.4	900.0	V	Harris	1 x 1	
285400	Focus run	3:53:21.29	+00:01:41.0	J2000.00	1.141	180.0	01:12:14.9	10.1	R	Harris	1 x 1	
285401	Sa 95-105	3:53:21.30	+00:03:41.0	J2000.00	1.143	180.0	01:17:23.6	3.1	R	Harris	1 x 1	**********
285402	Sa 95-105	3:53:21.63	-00:00:14.0	J2000.00	1.144	180.0	01:18:28.4	5.1	R	Harris	1 x 1	Autoguide ON
285403	Sa 95-105	3:53:21.96	-00:00:08.9	J2000.00	1.144	180.0	01:19:34.3	5.1	R	Harris	1 x 1	Pickup Noise
285404	Sa 95-105 B	3:53:21.96	-00:00:09.0	J2000.00	1.145	180.0	01:20:52.9	5.1	B	Kitt Peak	1 x 1	evident
285405	Sa 95-105 B	3:53:20.96	-00:00:24.0	J2000.00	1.145	180.0	01:21:56.4	5.1	B	Kitt Peak	1 x 1	
285406	Sa 95-105 B	3:53:20.96	-00:00:24.0	J2000.00	1.146	180.0	01:23:09.6	5.1	B	Kitt Peak	1 x 1	
285407	bias frame	3:53:20.96	-00:00:23.9	J2000.00	1.147	180.0	01:24:33.1	0.0	B	Kitt Peak	1 x 1	
285408	bias frame	3:53:20.96	-00:00:23.9	J2000.00	1.147	180.0	01:25:12.1	0.0	B	Kitt Peak	1 x 1	
285409	bias frame	3:53:20.96	-00:00:24.0	J2000.00	1.147	180.0	01:25:51.1	0.0	B	Kitt Peak	1 x 1	
285410	bias frame	3:53:20.96	-00:00:24.0	J2000.00	1.148	180.0	01:26:48.2	0.0	B	Kitt Peak	1 x 1	Don’t use
285411	bias frame	3:53:20.96	-00:00:24.1	J2000.00	1.148	180.0	01:27:27.3	0.0	B	Kitt Peak	1 x 1	
285412	bias frame	3:53:20.96	-00:00:23.9	J2000.00	1.149	180.0	01:28:12.5	0.0	B	Kitt Peak	1 x 1	
285413	bias frame	3:53:20.96	-00:00:24.0	J2000.00	1.150	180.0	01:30:37.2	0.0	B	Kitt Peak	1 x 1	
285414	bias frame	3:53:20.96	-00:00:24.0	J2000.00	1.151	180.0	01:31:26.5	0.0	B	Kitt Peak	1 x 1	
285415	bias frame	3:53:20.96	-00:00:24.0	J2000.00	1.151	180.0	01:32:14.2	0.0	B	Kitt Peak	1 x 1	
285416	bias frame	3:53:20.96	-00:00:24.0	J2000.00	1.153	180.0	01:34:18.6	0.0	B	Kitt Peak	1 x 1	
285417	bias frame	3:53:20.96	-00:00:24.0	J2000.00	1.153	180.0	01:34:59.9	0.0	B	Kitt Peak	1 x 1	
285418	bias frame	3:53:20.96	-00:00:24.0	J2000.00	1.154	180.0	01:35:42.1	0.0	B	Kitt Peak	1 x 1	
285419	Dark 10	3:53:20.96	-00:00:23.9	J2000.00	1.155	180.0	01:36:48.2	10.0	B	Kitt Peak	1 x 1	
285421	Bias	0:00:00.00	+00:00:00.0	J2000.00	1.000	180.0	01:41:29.3	0.0	B	Kitt Peak	1 x 1	**********
285422	Bias	0:00:00.00	+00:00:00.0	J2000.00	1.000	180.0	01:43:44.0	0.0	B	Kitt Peak	1 x 1	
285423	bias frame	0:00:00.00	+00:00:00.0	J2000.00	1.000	180.0	01:44:55.2	0.0	B	Kitt Peak	1 x 1	
285424	bias frame	0:00:00.00	+00:00:00.0	J2000.00	1.000	180.0	01:45:34.3	0.0	B	Kitt Peak	1 x 1	
285425	bias frame	0:00:00.00	+00:00:00.0	J2000.00	1.000	180.0	01:46:14.3	0.0	B	Kitt Peak	1 x 1	
285426	bias frame	0:00:00.00	+00:00:00.0	J2000.00	1.000	180.0	01:46:53.4	0.0	B	Kitt Peak	1 x 1	
285427	bias frame	0:00:00.00	+00:00:00.0	J2000.00	1.000	180.0	01:47:32.4	0.0	B	Kitt Peak	1 x 1	
285428	bias frame	0:00:00.00	+00:00:00.0	J2000.00	1.000	180.0	01:48:13.9	0.0	B	Kitt Peak	1 x 1	
285429	bias frame	0:00:00.00	+00:00:00.0	J2000.00	1.000	180.0	01:48:53.0	0.0	B	Kitt Peak	1 x 1	
285430	bias frame	0:00:00.00	+00:00:00.0	J2000.00	1.000	180.0	01:49:32.0	0.0	B	Kitt Peak	1 x 1	
285431	bias frame	0:00:00.00	+00:00:00.0	J2000.00	1.000	180.0	01:50:14.7	0.0	B	Kitt Peak	1 x 1	
285432	bias frame	0:00:00.00	+00:00:00.0	J2000.00	1.000	180.0	01:50:53.7	0.0	B	Kitt Peak	1 x 1	
285433	bias frame	0:00:00.00	+00:00:00.0	J2000.00	1.000	180.0	01:51:32.7	0.0	B	Kitt Peak	1 x 1	
285434	bias frame	0:00:00.00	+00:00:00.0	J2000.00	1.000	180.0	01:53:32.3	0.0	B	Kitt Peak	1 x 1	
285435	bias frame	0:00:00.00	+00:00:00.0	J2000.00	1.000	180.0	01:54:11.5	0.0	B	Kitt Peak	1 x 1	

285436	bias frame	0:00:00.00	+00:00:00.0	J2000.00	1.000	180.0	01:54:50.5	0.0		B	Kitt Peak	1 x 1
285437	bias frame	0:00:00.00	+00:00:00.0	J2000.00	1.000	180.0	01:55:30.2	0.0		B	Kitt Peak	1 x 1
285438	bias frame	0:00:00.00	+00:00:00.0	J2000.00	1.000	180.0	01:56:13.5	0.0		B	Kitt Peak	1 x 1
285439	bias frame	0:00:00.00	+00:00:00.0	J2000.00	1.000	180.0	01:56:52.5	0.0		B	Kitt Peak	1 x 1
285440	bias frame	0:00:00.00	+00:00:00.0	J2000.00	1.000	180.0	01:57:31.5	0.0		B	Kitt Peak	1 x 1
285441	bias frame	0:00:00.00	+00:00:00.0	J2000.00	1.000	180.0	01:58:14.2	0.0		B	Kitt Peak	1 x 1
285442	bias frame	0:00:00.00	+00:00:00.0	J2000.00	1.000	180.0	01:58:53.2	0.0		B	Kitt Peak	1 x 1
285443	bias frame	0:00:00.00	+00:00:00.0	J2000.00	1.000	180.0	01:59:34.4	0.0		B	Kitt Peak	1 x 1
285444	bias frame	0:00:00.00	+00:00:00.0	J2000.00	1.000	180.0	02:00:27.8	0.0		B	Kitt Peak	1 x 1
285446	bias frame	0:00:00.00	+00:00:00.0	J2000.00	1.000	180.0	02:02:39.5	0.0		B	Kitt Peak	1 x 1
285447	bias frame	0:00:00.00	+00:00:00.0	J2000.00	1.000	180.0	02:03:22.4	0.0		B	Kitt Peak	1 x 1
285448	bias frame	0:00:00.00	+00:00:00.0	J2000.00	1.000	180.0	02:04:02.1	0.0		B	Kitt Peak	1 x 1
285449	Sa 95-105 R	3:53:21.29	-00:00:18.9	J2000.00	1.190	180.0	02:07:06.3	5.1		R	Harris	1 x 1
285450	Sa 95-105 R	3:53:21.63	-00:00:14.0	J2000.00	1.192	180.0	02:08:13.9	5.0		R	Harris	1 x 1
285451	Sa 95-105 R	3:53:21.96	-00:00:08.9	J2000.00	1.194	180.0	02:09:35.0	5.1		R	Harris	1 x 1
285452	Sa 95-105 B	3:53:20.63	-00:00:29.0	J2000.00	1.196	180.0	02:10:38.3	5.1		B	Kitt Peak	1 x 1
285453	Sa 95-105 B	3:53:20.96	-00:00:23.9	J2000.00	1.198	180.0	02:11:40.8	4.5		B	Kitt Peak	1 x 1
285454	Sa 95-105 B	3:53:21.97	-00:00:09.0	J2000.00	1.200	180.0	02:12:53.2	5.0		B	Kitt Peak	1 x 1
285455	Sa 95-105 z	3:53:21.96	-00:00:09.0	J2000.00	1.202	180.0	02:14:02.2	5.1		z	Gunn	1 x 1
285456	Sa 95-105 z	3:53:21.63	-00:00:13.9	J2000.00	1.203	180.0	02:15:00.3	5.1		z	Gunn	1 x 1
285457	Sa 95-105 z	3:53:20.96	-00:00:24.1	J2000.00	1.206	180.0	02:16:39.3	5.1		z	Gunn	1 x 1
285458	Sa 95-105 V	3:53:21.30	-00:00:18.9	J2000.00	1.208	180.0	02:17:47.0	5.0		V	Harris	1 x 1
285459	Sa 95-105 V	3:53:20.96	-00:00:24.0	J2000.00	1.211	180.0	02:18:59.6	4.5		V	Harris	1 x 1
285460	Sa 95-105 V	3:53:21.96	-00:00:09.0	J2000.00	1.213	180.0	02:20:16.1	5.1		V	Harris	1 x 1
285461	Sa 95-105 U	3:53:21.29	-00:00:19.0	J2000.00	1.215	180.0	02:21:22.9	5.1		U	RGO	1 x 1
285462	Sa 95-105 U	3:53:21.96	-00:00:09.0	J2000.00	1.218	180.0	02:22:35.1	5.0		U	RGO	1 x 1
285463	Sa 95-105 U	3:53:21.63	-00:00:13.9	J2000.00	1.220	180.0	02:23:34.7	5.1		U	RGO	1 x 1
285464	Sa 95-105 i	3:53:21.30	-00:00:19.0	J2000.00	1.222	180.0	02:24:41.2	5.1		i	Sloan	1 x 1
285465	Sa 95-105 i	3:53:21.63	-00:00:14.0	J2000.00	1.224	180.0	02:25:49.7	5.1		i	Sloan	1 x 1
285467	croft	2:33:21.90	+30:21:14.3	J2000.00	1.296	180.0	02:34:54.6	999.6		V	Harris	1 1 x 1
285469	Lyn013 i	9:05:09.55	+42:00:21.4	J2000.00	1.290	180.0	02:59:04.9	1099.4		i	Sloan	1 1 x 1
285470	Lyn013 i	9:05:09.54	+42:00:21.4	J2000.00	1.228	180.0	03:19:16.5	1099.0		i	Sloan	1 1 x 1
285471	Lyn013 i	9:05:09.54	+42:00:21.4	J2000.00	1.176	180.0	03:39:29.8	1098.8		i	Sloan	1 1 x 1
285472	Lyn013 R	9:05:09.54	+42:00:21.1	J2000.00	1.132	180.0	03:59:49.2	1199.3		R	Harris	1 1 x 1
285473	Lyn013 R	9:05:09.54	+42:00:21.1	J2000.00	1.096	180.0	04:21:39.5	1199.3		R	Harris	1 1 x 1
285474	Lyn013 R	9:05:09.54	+42:00:21.4	J2000.00	1.069	180.0	04:43:29.8	1199.5		R	Harris	1 1 x 1
285475	Lyn013 V	9:05:09.54	+42:00:21.4	J2000.00	1.050	180.0	05:05:30.7	999.5		V	Harris	1 1 x 1
285476	Lyn013 V	9:05:09.54	+42:00:21.4	J2000.00	1.038	180.0	05:23:56.3	998.9		V	Harris	1 1 x 1
285477	Lyn013 V	4:32:34.77	+21:00:10.7	J2000.00	1.030	180.0	05:42:22.5	999.4		V	Harris	1 1 x 1
285478	Lyn013 KPB	9:05:09.53	+42:00:21.6	J2000.00	1.027	180.0	06:01:03.8	899.5		B	Kitt Peak	1 1 x 1
285481	Lyn013 KPB	9:05:09.54	+42:00:21.5	J2000.00	1.036	180.0	06:41:15.5	899.5		B	Kitt Peak	1 1 x 1