INT OBSERVING LOG (ISAAC NEWTON GROUP, LA PALMA)

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TELESCOPE:            INT
DATE:                 20000928
TAPE NR:              INTD4516
OBSERVER:             Steve Rawlings, Chris Blake
PROGRAMME:            Oxford Deep Wide Field Camera Survey
PATT/CAT REF.:        WFS16
TELESCOPE OPERATOR:   Jürg Rey
SUPPORT ASTRONOMER:   -

TELESCOPE FOCUS:      46.15 mm
CALIBRATE RESULTS:    HI 34.33 +/- 5.34, DI -59.38 +/- 1.79, HC 61.62 +/- 3.86, Sky sigma 4.75

INSTRUMENT:           WFC

WFC FILTER WHEEL:     U B V R I Z

WEATHER:              (1st half) GOOD
                      (2nd half) GOOD
CLOUD COVER (%):      (1st half) 0
                      (2nd half) 0
DUST (0-2):           (1st half) 0
                      (2nd half) 0
SEEING (arcsec):      (1st half) 1.0
                      (2nd half) 1.5

DOME OPENED (UT):     18:50
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METEOROLOGICAL PARAMETERS

UT	AirT	Hum%	Wspd	Gust	Wdir	Press	LocT	IntT	Mirr	LocRH	IntRH
20:00	14.1	37	1.8	2.2	262	772.6	13.7	15.8	14.5	37	33
21:00	13.2	37	6.0	6.6	321	772.9	13.5	14.6	14.6	36	34
22:00	12.8	37	8.8	10.0	4	773.5	13.0	14.3	14.6	36	33
23:00	10.6	46	19.0	20.4	17	773.8	10.9	12.2	14.5	44	41
00:00	10.8	45	27.7	31.7	24	773.8	11.2	12.3	14.2	44	40
01:00	11.6	24	33.0	33.9	35	773.5	11.8	12.6	13.8	34	30
02:00	10.4	45	31.5	34.0	19	773.1	10.9	12.1	13.7	43	39
03:00	11.8	30	31.0	35.3	41	772.9	12.3	12.3	13.8	27	29
04:00	11.2	27	27.3	29.3	23	772.6	11.6	11.9	13.7	28	25
05:00	11.3	42	25.7	30.5	21	772.3	11.6	11.7	13.5	41	42
06:00	10.6	49	24.7	28.7	5	772.3	10.9	11.8	13.5	48	44

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SUNSET(UT)            19:09
EVENING TWILIGHT(UT)  20:20
MORNING TWILIGHT(UT)  05:45
SUNRISE(UT)           06:56
MOON'S QUARTER (1-4)  1
DISK % OF ILLUM.      1
DARK TIME             09:25
TWILIGHT TIME         02:22
MOONRISE(UT)          No moonrise within sunset-sunrise
MOONSET(UT)           19:57

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
230933	Bias	0:00:00.00	+00:00:00.0	J2000.00	1.000	180.1	14:42:48.7	0.0	V	Harris	1 x 1	

230933	Bias	0:00:00.00	+00:00:00.0	J2000.00	1.000	180.1	14:42:48.7	0.0	V	Harris 1 x 1
230934	Bias	0:00:00.00	+00:00:00.0	A	1.000	180.1	19:03:41.7	0.0	V	Harris 1 x 1
230934	Bias	0:00:00.00	+00:00:00.0	A	1.000	180.1	19:03:41.7	0.0	V	Harris 1 x 1
230935	Bias	0:00:00.00	+00:00:00.0	A	1.000	180.1	19:04:23.0	0.0	V	Harris 1 x 1
230935	Bias	0:00:00.00	+00:00:00.0	A	1.000	180.1	19:04:23.0	0.0	V	Harris 1 x 1
230936	Bias	0:00:00.00	+00:00:00.0	A	1.000	180.1	19:05:03.3	0.0	V	Harris 1 x 1
230936	Bias	0:00:00.00	+00:00:00.0	A	1.000	180.1	19:05:03.3	0.0	V	Harris 1 x 1
230937	Bias	0:00:00.00	+00:00:00.0	A	1.000	180.1	19:05:42.3	0.0	V	Harris 1 x 1
230937	Bias	0:00:00.00	+00:00:00.0	A	1.000	180.1	19:05:42.3	0.0	V	Harris 1 x 1
230938	Bias	0:00:00.00	+00:00:00.0	A	1.000	180.1	19:06:21.4	0.0	V	Harris 1 x 1
230938	Bias	0:00:00.00	+00:00:00.0	A	1.000	180.1	19:06:21.4	0.0	V	Harris 1 x 1
230939	Flat field	19:19:09.00	+12:22:04.9	B1950.00	1.061	180.1	19:15:01.7	2.2	z	Gunn 1 x 1
230939	Flat field	19:19:09.00	+12:22:04.9	B1950.00	1.061	180.1	19:15:01.7	2.2	z	Gunn 1 x 1
230940	Flat field	19:19:10.36	+12:22:25.0	B1950.00	1.060	180.1	19:16:45.1	2.1	z	Gunn 1 x 1
230940	Flat field	19:19:10.36	+12:22:25.0	B1950.00	1.060	180.1	19:16:45.1	2.1	z	Gunn 1 x 1
230941	Flat field	19:19:10.36	+12:21:45.0	B1950.00	1.059	180.1	19:18:08.8	2.1	z	Gunn 1 x 1
230941	Flat field	19:19:10.36	+12:21:45.0	B1950.00	1.059	180.1	19:18:08.8	2.1	z	Gunn 1 x 1
230942	Flat field	19:19:07.63	+12:21:44.9	B1950.00	1.058	180.1	19:19:27.1	3.1	z	Gunn 1 x 1
230942	Flat field	19:19:07.63	+12:21:44.9	B1950.00	1.058	180.1	19:19:27.1	3.1	z	Gunn 1 x 1
230943	Flat field	19:19:07.63	+12:22:24.9	B1950.00	1.057	180.1	19:20:45.0	4.4	z	Gunn 1 x 1
230943	Flat field	19:19:07.63	+12:22:24.9	B1950.00	1.057	180.1	19:20:45.0	4.4	z	Gunn 1 x 1
230944	Flat field	19:19:09.00	+12:22:04.9	B1950.00	1.056	180.1	19:22:06.9	3.3	V	Harris 1 x 1
230944	Flat field	19:19:09.00	+12:22:04.9	B1950.00	1.056	180.1	19:22:06.9	3.3	V	Harris 1 x 1
230945	Flat field	19:19:10.36	+12:22:25.0	B1950.00	1.055	180.1	19:23:24.7	4.7	V	Harris 1 x 1
230945	Flat field	19:19:10.36	+12:22:25.0	B1950.00	1.055	180.1	19:23:24.7	4.7	V	Harris 1 x 1
230946	Flat field	19:19:07.63	+12:21:45.0	B1950.00	1.054	180.1	19:24:44.7	8.6	V	Harris 1 x 1
230946	Flat field	19:19:07.63	+12:21:45.0	B1950.00	1.054	180.1	19:24:44.7	8.6	V	Harris 1 x 1
230947	Flat field	19:19:09.00	+12:22:04.9	B1950.00	1.053	180.1	19:26:11.5	6.5	i	Sloan 1 x 1
230947	Flat field	19:19:09.00	+12:22:04.9	B1950.00	1.053	180.1	19:26:11.5	6.5	i	Sloan 1 x 1
230948	Flat field	19:19:10.36	+12:22:24.9	B1950.00	1.052	180.1	19:27:33.2	9.6	i	Sloan 1 x 1
230948	Flat field	19:19:10.36	+12:22:24.9	B1950.00	1.052	180.1	19:27:33.2	9.6	i	Sloan 1 x 1
230949	Flat field	19:19:07.63	+12:21:45.0	B1950.00	1.051	180.1	19:28:56.9	15.8	i	Sloan 1 x 1
230949	Flat field	19:19:07.63	+12:21:45.0	B1950.00	1.051	180.1	19:28:56.9	15.8	i	Sloan 1 x 1
230950	Flat field	19:19:07.63	+12:21:45.0	B1950.00	1.050	180.1	19:30:24.6	20.3	i	Sloan 1 x 1
230950	Flat field	19:19:07.63	+12:21:45.0	B1950.00	1.050	180.1	19:30:24.6	20.3	i	Sloan 1 x 1
230951	Flat field	19:19:07.63	+12:22:24.9	B1950.00	1.049	180.1	19:32:32.8	34.3	i	Sloan 1 x 1
230951	Flat field	19:19:07.63	+12:22:24.9	B1950.00	1.049	180.1	19:32:32.8	34.3	i	Sloan 1 x 1
230952	Focus run	18:42:35.50	+00:17:32.1	J2000.00	1.144	180.0	19:49:26.9	10.1	R	Harris 1 x 1
230952	Focus run	18:42:35.50	+00:17:32.1	J2000.00	1.144	180.0	19:49:26.9	10.1	R	Harris 1 x 1
230953	SA110-358	18:42:35.49	+00:15:01.9	J2000.00	1.152	180.0	19:58:16.3	10.1	R	Harris 1 x 1
230953	SA110-358	18:42:35.49	+00:15:01.9	J2000.00	1.152	180.0	19:58:16.3	10.1	R	Harris 1 x 1
230954	SA110-358	18:42:35.49	+00:15:02.0	J2000.00	1.153	180.0	19:59:32.6	10.1	V	Harris 1 x 1
230954	SA110-358	18:42:35.49	+00:15:02.0	J2000.00	1.153	180.0	19:59:32.6	10.1	V	Harris 1 x 1
230955	SA110-358	18:42:35.50	+00:15:01.9	J2000.00	1.154	180.0	20:00:49.1	10.1	z	Gunn 1 x 1
230955	SA110-358	18:42:35.50	+00:15:01.9	J2000.00	1.154	180.0	20:00:49.1	10.1	z	Gunn 1 x 1
230956	SA110-358	18:42:35.50	+00:15:01.9	J2000.00	1.155	180.0	20:02:37.3	2.1	R	Harris 1 x 1
230957	SA110-358	18:42:35.49	+00:15:02.0	J2000.00	1.157	180.0	20:04:18.2	10.1	U	RGO 1 x 1
230958	SA110-358	18:42:35.49	+00:15:02.0	J2000.00	1.159	180.0	20:06:08.6	10.1	B	Harris 1 x 1
230959	SA110-358	18:42:35.50	+00:15:01.9	J2000.00	1.160	180.0	20:07:38.8	10.1	i	Sloan 1 x 1
230960	SA110-358	18:42:35.50	+00:15:02.0	J2000.00	1.161	180.0	20:09:05.6	2.1	i	Sloan 1 x 1
230961	I042 Z	0:21:53.12	+35:20:17.0	J2000.00	1.915	180.0	20:16:09.3	599.5	z	Gunn 1 x 1
230963	M31-microfld1	0:44:00.00	+41:34:00.0	J2000.00	1.887	180.0	20:35:37.1	319.7	R	Harris 1 x 1
230964	M31-microfld1	0:43:59.99	+41:34:00.0	J2000.00	1.826	180.0	20:42:16.9	319.7	R	Harris 1 x 1
230965	M31-microfld1	0:44:00.00	+41:34:00.0	J2000.00	1.768	180.0	20:48:56.7	319.7	i	Sloan 1 x 1
230966	M31-microfld1	0:44:00.00	+41:34:00.0	J2000.00	1.715	180.0	20:55:36.6	319.7	i	Sloan 1 x 1
230967	M31-microfld2	0:43:10.00	+40:58:15.0	J2000.00	1.655	180.0	21:03:24.2	319.8	R	Harris 1 x 1
230968	M31-microfld2	0:43:10.00	+40:58:14.9	J2000.00	1.609	180.0	21:10:04.5	319.8	R	Harris 1 x 1
230969	M31-microfld2	0:43:10.00	+40:58:15.0	J2000.00	1.566	180.0	21:16:44.4	319.8	i	Sloan 1 x 1
230970	M31-microfld2	0:43:10.00	+40:58:15.0	J2000.00	1.526	180.0	21:23:24.6	319.7	i	Sloan 1 x 1
230971	Focus run	21:41:53.59	+00:31:53.1	J2000.00	1.159	180.0	21:35:55.7	10.1	R	Harris 1 x 1
230972	I038 V	0:11:28.80	+34:38:51.3	J2000.00	1.272	180.0	21:44:00.7	998.9	V	Harris 1 x 1
230973	I038 V	0:11:28.80	+34:38:51.2	J2000.00	1.213	180.0	22:01:59.8	998.8	V	Harris 1 x 1

230974	I038 V	0:11:28.80	+34:38:51.1	J2000.00	1.164	180.0	22:20:00.5	998.9	V	Harris	1 x 1
230975	I038 i	0:11:28.80	+34:38:51.2	J2000.00	1.121	180.0	22:37:59.7	1099.0	i	Sloan	1 x 1
230976	I038 i	0:11:28.80	+34:38:51.3	J2000.00	1.085	180.0	22:57:39.0	1098.8	i	Sloan	1 x 1
230977	I038 i	0:11:28.79	+34:38:51.0	J2000.00	1.057	180.0	23:17:20.1	1098.9	i	Sloan	1 x 1
230978	I039 V	0:14:04.39	+34:49:12.6	J2000.00	1.037	180.0	23:38:13.6	998.9	V	Harris	1 x 1
230979	I039 V	0:14:04.39	+34:49:12.6	J2000.00	1.022	180.0	23:56:12.9	999.1	V	Harris	1 x 1
230980	I039 V	0:14:04.38	+34:49:12.6	J2000.00	1.012	180.0	00:14:12.4	999.1	V	Harris	1 x 1
230981	I039 i	0:14:04.39	+34:49:12.7	J2000.00	1.007	180.0	00:32:12.8	1098.8	i	Sloan	1 x 1
230982	I039 i	0:14:04.38	+34:49:12.6	J2000.00	1.006	180.0	00:51:51.6	1098.4	i	Sloan	1 x 1
230983	I039 i	0:14:04.39	+34:49:12.6	J2000.00	1.011	180.0	01:11:30.9	1098.8	i	Sloan	1 x 1
230984	I041 V	0:19:16.55	+35:09:55.5	J2000.00	1.019	180.0	01:32:41.2	999.0	V	Harris	1 x 1
230985	I041 V	0:19:16.56	+35:09:55.5	J2000.00	1.032	180.0	01:50:40.4	999.1	V	Harris	1 x 1
230986	I041 V	0:19:16.56	+35:09:55.4	J2000.00	1.051	180.0	02:08:39.9	999.2	V	Harris	1 x 1
230987	I041 i	0:19:16.56	+35:09:55.5	J2000.00	1.076	180.0	02:26:39.5	1098.9	i	Sloan	1 x 1
230988	I041 i	0:19:16.55	+35:09:55.5	J2000.00	1.109	180.0	02:46:18.6	1098.5	i	Sloan	1 x 1
230989	I041 i	0:19:16.55	+35:09:55.6	J2000.00	1.150	180.0	03:05:58.3	1098.8	i	Sloan	1 x 1
230990	I042 V	0:21:53.12	+35:20:16.9	J2000.00	1.195	180.0	03:26:51.4	999.0	V	Harris	1 x 1
230991	I042 V	0:21:53.13	+35:20:16.9	J2000.00	1.250	180.0	03:44:50.8	999.0	V	Harris	1 x 1
230992	I042 V	0:21:53.12	+35:20:17.1	J2000.00	1.315	180.0	04:02:50.0	999.1	V	Harris	1 x 1
230993	I042 i	0:21:53.13	+35:20:17.0	J2000.00	1.398	180.0	04:20:50.0	1098.8	i	Sloan	1 x 1
230994	I042 i	0:21:53.13	+35:20:17.0	J2000.00	1.504	180.0	04:40:29.5	1098.8	i	Sloan	1 x 1
230995	I042 i	0:21:53.13	+35:20:16.9	J2000.00	1.634	180.0	05:00:09.3	1098.9	i	Sloan	1 x 1
230996	I042 B	0:21:53.13	+35:20:17.0	J2000.00	1.940	180.0	05:35:42.0	899.1	B	Harris	1 x 1
230997	I042 B	0:21:53.13	+35:20:16.9	J2000.00	2.174	180.0	05:54:15.9	899.2	B	Harris	1 x 1
230998	I042 B	0:21:53.13	+35:20:16.8	J2000.00	2.444	180.0	06:11:02.9	899.1	B	Harris	1 x 1
230999	Flat field	4:25:46.00	+54:09:02.9	B1950.00	1.151	180.0	06:31:17.8	43.7	i	Sloan	1 x 1
231000	Flat field	4:25:48.27	+54:09:22.9	B1950.00	1.153	180.0	06:33:23.7	28.1	i	Sloan	1 x 1
231001	Flat field	4:25:48.27	+54:08:42.9	B1950.00	1.154	180.0	06:35:15.1	18.1	i	Sloan	1 x 1
231002	Flat field	4:25:43.72	+54:08:43.0	B1950.00	1.156	180.0	06:36:56.3	11.4	i	Sloan	1 x 1
231003	Flat field	4:25:43.72	+54:09:22.9	B1950.00	1.158	180.0	06:38:31.0	7.2	i	Sloan	1 x 1
231004	Flat field	4:25:46.00	+54:09:02.9	B1950.00	1.160	180.0	06:40:12.1	7.4	B	Harris	1 x 1
231005	Flat field	4:25:48.27	+54:09:23.0	B1950.00	1.162	180.0	06:41:43.8	5.1	B	Harris	1 x 1
231006	Flat field	4:25:43.72	+54:08:42.9	B1950.00	1.164	180.0	06:43:18.6	3.4	B	Harris	1 x 1