INT OBSERVING LOG (ISAAC NEWTON GROUP, LA PALMA)

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TELESCOPE:             INT
DATE:                  1998 AUG 30/31
INT TAPE NR:           INTD 3775
OBSERVER:              J. Lewis, P. Bunclark
PROGRAMME:             Cambridge WFC Survey
PATT/CAT:              WFS
TELESCOPE OPERATOR:    P. Sorensen
SUPPORT ASTRONOMER:    -

FOCUS:                 Prime
INSTRUMENT:            WFC
FILTER WHEEL (PF):     U,Z,V,B(KP),R,I
CAMERA (IDS):          -
COLLIMATOR (IDS):      -
COLL. FOCUS (IDS):     -
GRATING (IDS):         -
DETECTOR:              WFC
PIXELS:                4x2048x4200
PIXEL SIZE (microns): 13.5
WINDOW:                Xstart=0, Xsize=2048, Ystart=0, Ysize=4200
BINNING:               in X=1, in Y=1

WEATHER:               Bad
OUTSIDE TEMP (deg C):   10.0            (FIRST HALF)
OUTSIDE TEMP (deg C):    8.4            (SECOND HALF)
HUMIDITY (%):           100             (FIRST HALF)
HUMIDITY (%):           100            (SECOND HALF)
CLOUD COVER (%):        100             (FIRST HALF)
CLOUD COVER (%):        100             (SECOND HALF)
DUST (0 - 2):            0              (FIRST HALF)
DUST (0 - 2):            0              (SECOND HALF)
SEEING (arcsec):         -              (FIRST HALF)
SEEING (arcsec):         -              (SECOND HALF)
AV. SEEING (arcsec):     -
NO. SEEING MEASURES:     0

UTC    TELESCOPE                CASELLA OUT   CASELLA IN    SEEING
       AZ   ZD  Focus  TubeTemp  Temp   Humid  Temp   Humid  Det./TV  Comments

DARK HOURS:            08:30
DOME OPEN (UTC):       19:30
MOON PHASE (D/G/B):        G
DK HRS LOST (WEATHER):08:30
DK HRS LOST (TELESC): 00:00
DK HRS LOST (DOME):    00:00
DK HRS LOST (INSTR.): 00:00
DK HRS LOST (DET.):    00:00
DK HRS LOST (COMPS.): 00:00
DK HRS LOST (A&G):     00:00
DK HRS LOST (OTHER):   00:00

COMMENTS:
High humidity all night
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Run no. Object name              RA         Dec.     Equinox    AM    PA     UT       Exp. T.   Filter      Psys Channel  Binning Comments
 119347 Bias frame           0:00:00.00 +00:00:00.0 J2000.00 4.701 179.8 13:51:17.6      0.0        R     Harris    1      1 x 1
 119348 Bias frame           0:00:00.00 +00:00:00.0 J2000.00 4.701 179.8 13:51:17.6      0.0        R     Harris    5      1 x 1
 119349 Bias frame           0:00:00.00 +00:00:00.0 J2000.00 4.701 179.8 13:51:17.6      0.0        R     Harris    3      1 x 1
 119350 Bias frame           0:00:00.00 +00:00:00.0 J2000.00 4.701 179.8 13:51:17.6      0.0        R     Harris    4      1 x 1
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119351	Dark frame	0:00:00.00	+00:00:00.0	J2000.00	4.701	179.8	13:57:36.2	60.0	R	Harris	1	1 x 1
119352	Dark frame	0:00:00.00	+00:00:00.0	J2000.00	4.701	179.8	13:57:36.2	60.0	R	Harris	5	1 x 1
119353	Dark frame	0:00:00.00	+00:00:00.0	J2000.00	4.701	179.8	13:57:36.2	60.0	R	Harris	3	1 x 1
119354	Dark frame	0:00:00.00	+00:00:00.0	J2000.00	4.701	179.8	13:57:36.2	60.0	R	Harris	4	1 x 1
119355	Bias frame	0:00:00.00	+00:00:00.0	J2000.00	4.701	179.8	14:03:18.7	0.0	R	Harris	1	1 x 1
119356	Bias frame	0:00:00.00	+00:00:00.0	J2000.00	4.701	179.8	14:03:18.7	0.0	R	Harris	5	1 x 1
119357	Bias frame	0:00:00.00	+00:00:00.0	J2000.00	4.701	179.8	14:03:18.7	0.0	R	Harris	3	1 x 1
119358	Bias frame	0:00:00.00	+00:00:00.0	J2000.00	4.701	179.8	14:03:18.7	0.0	R	Harris	4	1 x 1
119359	Dark frame	0:00:00.00	+00:00:00.0	J2000.00	4.701	179.8	14:08:19.7	60.0	R	Harris	1	1 x 1
119360	Dark frame	0:00:00.00	+00:00:00.0	J2000.00	4.701	179.8	14:08:19.7	60.0	R	Harris	5	1 x 1
119361	Dark frame	0:00:00.00	+00:00:00.0	J2000.00	4.701	179.8	14:08:19.7	60.0	R	Harris	3	1 x 1
119362	Dark frame	0:00:00.00	+00:00:00.0	J2000.00	4.701	179.8	14:08:19.7	60.0	R	Harris	4	1 x 1
119363	Dark frame	0:00:00.00	+00:00:00.0	J2000.00	4.701	179.8	14:16:47.1	600.0	R	Harris	1	1 x 1
119364	Dark frame	0:00:00.00	+00:00:00.0	J2000.00	4.701	179.8	14:16:47.1	600.0	R	Harris	5	1 x 1
119365	Dark frame	0:00:00.00	+00:00:00.0	J2000.00	4.701	179.8	14:16:47.1	600.0	R	Harris	3	1 x 1
119366	Dark frame	0:00:00.00	+00:00:00.0	J2000.00	4.701	179.8	14:16:47.1	600.0	R	Harris	4	1 x 1
119367	Bias frame						14:37:31.8	0.0	R	Harris	1	1 x 1
119368	Bias frame						14:37:31.8	0.0	R	Harris	5	1 x 1
119369	Bias frame						14:37:31.8	0.0	R	Harris	3	1 x 1
119370	Bias frame						14:37:31.8	0.0	R	Harris	4	1 x 1
119371	Bias frame						14:42:01.1	0.0	R	Harris	1	1 x 1
119372	Bias frame						14:42:01.1	0.0	R	Harris	5	1 x 1
119373	Bias frame						14:42:01.1	0.0	R	Harris	3	1 x 1
119374	Bias frame						14:42:01.1	0.0	R	Harris	4	1 x 1
119375	Bias frame	0:00:00.00	+00:00:00.0	A	1.536	179.8	15:19:02.4	0.0	z	Gunn	1	1 x 1
119376	Bias frame	0:00:00.00	+00:00:00.0	A	1.536	179.8	15:19:02.4	0.0	z	Gunn	5	1 x 1
119377	Bias frame	0:00:00.00	+00:00:00.0	A	1.536	179.8	15:19:02.4	0.0	z	Gunn	3	1 x 1
119378	Bias frame	0:00:00.00	+00:00:00.0	A	1.536	179.8	15:19:02.4	0.0	z	Gunn	4	1 x 1
119379	Bias frame	0:00:00.00	+00:00:00.0	A	1.536	179.8	15:22:15.5	0.0	z	Gunn	1	1 x 1
119380	Bias frame	0:00:00.00	+00:00:00.0	A	1.536	179.8	15:22:15.5	0.0	z	Gunn	5	1 x 1
119381	Bias frame	0:00:00.00	+00:00:00.0	A	1.536	179.8	15:22:15.5	0.0	z	Gunn	3	1 x 1
119382	Bias frame	0:00:00.00	+00:00:00.0	A	1.536	179.8	15:22:15.5	0.0	z	Gunn	4	1 x 1
119383	Bias frame	0:00:00.00	+00:00:00.0	A	1.536	179.8	15:30:46.0	0.0	z	Gunn	1	1 x 1
119384	Bias frame	0:00:00.00	+00:00:00.0	A	1.536	179.8	15:30:46.0	0.0	z	Gunn	5	1 x 1
119385	Bias frame	0:00:00.00	+00:00:00.0	A	1.536	179.8	15:30:46.0	0.0	z	Gunn	3	1 x 1
119386	Bias frame	0:00:00.00	+00:00:00.0	A	1.536	179.8	15:30:46.0	0.0	z	Gunn	4	1 x 1
119387	Bias frame	0:00:00.00	+00:00:00.0	A	1.536	179.8	15:34:26.3	0.0	z	Gunn	1	1 x 1
119388	Bias frame	0:00:00.00	+00:00:00.0	A	1.536	179.8	15:34:26.3	0.0	z	Gunn	5	1 x 1
119389	Bias frame	0:00:00.00	+00:00:00.0	A	1.536	179.8	15:34:26.3	0.0	z	Gunn	3	1 x 1
119390	Bias frame	0:00:00.00	+00:00:00.0	A	1.536	179.8	15:34:26.3	0.0	z	Gunn	4	1 x 1
119391	Bias frame	0:00:00.00	+00:00:00.0	J2000.00	4.412	179.8	15:59:49.9	0.0	z	Gunn	1	1 x 1
119392	Bias frame	0:00:00.00	+00:00:00.0	J2000.00	4.412	179.8	15:59:49.9	0.0	z	Gunn	5	1 x 1
119393	Bias frame	0:00:00.00	+00:00:00.0	J2000.00	4.412	179.8	15:59:49.9	0.0	z	Gunn	3	1 x 1
119394	Bias frame	0:00:00.00	+00:00:00.0	J2000.00	4.412	179.8	15:59:49.9	0.0	z	Gunn	4	1 x 1
119395	Bias frame	0:00:00.00	+00:00:00.0	J2000.00	4.412	179.8	16:03:23.7	0.0	z	Gunn	1	1 x 1
119396	Bias frame	0:00:00.00	+00:00:00.0	J2000.00	4.412	179.8	16:03:23.7	0.0	z	Gunn	5	1 x 1
119397	Bias frame	0:00:00.00	+00:00:00.0	J2000.00	4.412	179.8	16:03:23.7	0.0	z	Gunn	3	1 x 1
119398	Bias frame	0:00:00.00	+00:00:00.0	J2000.00	4.412	179.8	16:03:23.7	0.0	z	Gunn	4	1 x 1
119399	Flat field	17:00:00.00	+25:00:00.0	A	1.003	179.8	19:45:27.7	1.6	U	RGO	1	1 x 1
119400	Flat field	17:00:00.00	+25:00:00.0	A	1.003	179.8	19:45:27.7	1.6	U	RGO	5	1 x 1
119401	Flat field	17:00:00.00	+25:00:00.0	A	1.003	179.8	19:45:27.7	1.6	U	RGO	3	1 x 1
119402	Flat field	17:00:00.00	+25:00:00.0	A	1.003	179.8	19:45:27.7	1.6	U	RGO	4	1 x 1
119403	Flat field	17:00:00.00	+24:59:59.9	A	1.004	179.8	19:50:01.7	0.5	z	Gunn	1	1 x 1
119404	Flat field	17:00:00.00	+24:59:59.9	A	1.004	179.8	19:50:01.7	0.5	z	Gunn	5	1 x 1
119405	Flat field	17:00:00.00	+24:59:59.9	A	1.004	179.8	19:50:01.7	0.5	z	Gunn	3	1 x 1
119406	Flat field	17:00:00.00	+24:59:59.9	A	1.004	179.8	19:50:01.7	0.5	z	Gunn	4	1 x 1
119407	Flat field	8:30:00.00	+12:29:59.9	A	1.005	179.8	19:54:12.7	1.2	z	Gunn	1	1 x 1
119408	Flat field	8:30:00.00	+12:29:59.9	A	1.005	179.8	19:54:12.7	1.2	z	Gunn	5	1 x 1
119409	Flat field	8:30:00.00	+12:29:59.9	A	1.005	179.8	19:54:12.7	1.2	z	Gunn	3	1 x 1
119410	Flat field	8:30:00.00	+12:29:59.9	A	1.005	179.8	19:54:12.7	1.2	z	Gunn	4	1 x 1
119411	Flat field	17:00:00.00	+25:00:00.0	A	1.006	179.8	19:58:00.8	0.5	R	Harris	1	1 x 1
119412	Flat field	17:00:00.00	+25:00:00.0	A	1.006	179.8	19:58:00.8	0.5	R	Harris	5	1 x 1

119413	Flat field	17:00:00.00	+25:00:00.0	A	1.006	179.8	19:58:00.8	0.5		R	Harris	3	1 x 1
119414	Flat field	17:00:00.00	+25:00:00.0	A	1.006	179.8	19:58:00.8	0.5		R	Harris	4	1 x 1
119415	Flat field	16:59:59.99	+25:00:00.0	A	1.007	179.8	20:01:33.6	19.6		R	Harris	1	1 x 1
119416	Flat field	16:59:59.99	+25:00:00.0	A	1.007	179.8	20:01:33.6	19.6		R	Harris	5	1 x 1
119417	Flat field	16:59:59.99	+25:00:00.0	A	1.007	179.8	20:01:33.6	19.6		R	Harris	3	1 x 1
119418	Flat field	16:59:59.99	+25:00:00.0	A	1.007	179.8	20:01:33.6	19.6		R	Harris	4	1 x 1
119419	Flat field	16:59:59.99	+25:00:00.0	A	1.009	179.8	20:05:28.3	20.1		R	Harris	1	1 x 1
119420	Flat field	16:59:59.99	+25:00:00.0	A	1.009	179.8	20:05:28.3	20.1		R	Harris	5	1 x 1
119421	Flat field	16:59:59.99	+25:00:00.0	A	1.009	179.8	20:05:28.3	20.1		R	Harris	3	1 x 1
119422	Flat field	16:59:59.99	+25:00:00.0	A	1.009	179.8	20:05:28.3	20.1		R	Harris	4	1 x 1
119423	Flat field	17:00:00.00	+25:00:00.0	A	1.011	179.8	20:09:23.6	39.2		R	Harris	1	1 x 1
119424	Flat field	17:00:00.00	+25:00:00.0	A	1.011	179.8	20:09:23.6	39.2		R	Harris	5	1 x 1
119425	Flat field	17:00:00.00	+25:00:00.0	A	1.011	179.8	20:09:23.6	39.2		R	Harris	3	1 x 1
119426	Flat field	17:00:00.00	+25:00:00.0	A	1.011	179.8	20:09:23.6	39.2		R	Harris	4	1 x 1
119427		19:04:29.83	+08:19:31.9	J2000.00	1.078	179.8	21:09:25.4	30.1		z	Gunn	1	1 x 1
119428	Focus run	19:04:29.83	+08:19:31.9	J2000.00	1.078	179.8	21:09:25.4	30.1		z	Gunn	5	1 x 1
119429	Focus run	19:04:29.83	+08:19:31.9	J2000.00	1.078	179.8	21:09:25.4	30.1		z	Gunn	3	1 x 1
119430		19:04:29.83	+08:19:31.9	J2000.00	1.078	179.8	21:09:25.4	30.1		z	Gunn	4	1 x 1
119431	linearity_check	0:00:00.00	+00:00:00.0	J2000.00	1.000	179.8	01:28:08.2	10.1		V	Harris	1	1 x 1
119432	linearity_check	0:00:00.00	+00:00:00.0	J2000.00	1.000	179.8	01:28:08.2	10.1		V	Harris	5	1 x 1
119433	linearity_check	0:00:00.00	+00:00:00.0	J2000.00	1.000	179.8	01:28:08.2	10.1		V	Harris	3	1 x 1
119434	linearity_check	0:00:00.00	+00:00:00.0	J2000.00	1.000	179.8	01:28:08.2	10.1		V	Harris	4	1 x 1
119435	linearity_check	0:00:00.00	+00:00:00.0	J2000.00	1.000	179.8	01:31:33.4	20.1		V	Harris	1	1 x 1
119436	linearity_check	0:00:00.00	+00:00:00.0	J2000.00	1.000	179.8	01:31:33.4	20.1		V	Harris	5	1 x 1
119437	linearity_check	0:00:00.00	+00:00:00.0	J2000.00	1.000	179.8	01:31:33.4	20.1		V	Harris	3	1 x 1
119438	linearity_check	0:00:00.00	+00:00:00.0	J2000.00	1.000	179.8	01:31:33.4	20.1		V	Harris	4	1 x 1
119439	linearity_check	0:00:00.00	+00:00:00.0	J2000.00	1.000	179.8	01:35:08.7	30.1		V	Harris	1	1 x 1
119440	linearity_check	0:00:00.00	+00:00:00.0	J2000.00	1.000	179.8	01:35:08.7	30.1		V	Harris	5	1 x 1
119441	linearity_check	0:00:00.00	+00:00:00.0	J2000.00	1.000	179.8	01:35:08.7	30.1		V	Harris	3	1 x 1
119442	linearity_check	0:00:00.00	+00:00:00.0	J2000.00	1.000	179.8	01:35:08.7	30.1		V	Harris	4	1 x 1
119443	linear	0:00:00.00	+00:00:00.0	J2000.00	1.000	179.8	01:43:32.5	40.1		V	Harris	1	1 x 1
119444	linear	0:00:00.00	+00:00:00.0	J2000.00	1.000	179.8	01:43:32.5	40.1		V	Harris	5	1 x 1
119445	linear	0:00:00.00	+00:00:00.0	J2000.00	1.000	179.8	01:43:32.5	40.1		V	Harris	3	1 x 1
119446	linear	0:00:00.00	+00:00:00.0	J2000.00	1.000	179.8	01:43:32.5	40.1		V	Harris	4	1 x 1
119447	linear	0:00:00.00	+00:00:00.0	J2000.00	1.000	179.8	01:47:28.0	50.1		V	Harris	1	1 x 1
119448	linear	0:00:00.00	+00:00:00.0	J2000.00	1.000	179.8	01:47:28.0	50.1		V	Harris	5	1 x 1
119449	linear	0:00:00.00	+00:00:00.0	J2000.00	1.000	179.8	01:47:28.0	50.1		V	Harris	3	1 x 1
119450	linear	0:00:00.00	+00:00:00.0	J2000.00	1.000	179.8	01:47:28.0	50.1		V	Harris	4	1 x 1
119451	Bias frame	0:00:00.00	+00:00:00.0	J2000.00	1.000	179.8	01:51:34.2	0.0		V	Harris	1	1 x 1
119452	Bias frame	0:00:00.00	+00:00:00.0	J2000.00	1.000	179.8	01:51:34.2	0.0		V	Harris	5	1 x 1
119453	Bias frame	0:00:00.00	+00:00:00.0	J2000.00	1.000	179.8	01:51:34.2	0.0		V	Harris	3	1 x 1
119454	Bias frame	0:00:00.00	+00:00:00.0	J2000.00	1.000	179.8	01:51:34.2	0.0		V	Harris	4	1 x 1
119455	Bias frame	0:00:00.00	+00:00:00.0	J2000.00	1.000	179.8	02:18:09.5	0.0		V	Harris	1	1 x 1
119456	Bias frame	0:00:00.00	+00:00:00.0	J2000.00	1.000	179.8	02:18:09.5	0.0		V	Harris	5	1 x 1
119457	Bias frame	0:00:00.00	+00:00:00.0	J2000.00	1.000	179.8	02:18:09.5	0.0		V	Harris	3	1 x 1
119458	Bias frame	0:00:00.00	+00:00:00.0	J2000.00	1.000	179.8	02:18:09.5	0.0		V	Harris	4	1 x 1
119459	Bias frame	0:00:00.00	+00:00:00.0	J2000.00	4.604	179.8	02:44:07.2	0.0		R	Harris	1	1 x 1
119460	Bias frame	0:00:00.00	+00:00:00.0	J2000.00	4.604	179.8	02:44:07.2	0.0		R	Harris	5	1 x 1
119461	Bias frame	0:00:00.00	+00:00:00.0	J2000.00	4.604	179.8	02:44:07.2	0.0		R	Harris	3	1 x 1
119462	Bias frame	0:00:00.00	+00:00:00.0	J2000.00	4.604	179.8	02:44:07.2	0.0		R	Harris	4	1 x 1
119463	Bias frame	0:00:00.00	+00:00:00.0	J2000.00	4.604	179.8	02:53:37.3	0.0	Unknown		Unknown	1	1 x 1
119464	Bias frame	0:00:00.00	+00:00:00.0	J2000.00	4.604	179.8	02:53:37.3	0.0	Unknown		Unknown	5	1 x 1
119465	Bias frame	0:00:00.00	+00:00:00.0	J2000.00	4.604	179.8	02:53:37.3	0.0	Unknown		Unknown	3	1 x 1
119466	Bias frame	0:00:00.00	+00:00:00.0	J2000.00	4.604	179.8	02:53:37.3	0.0	Unknown		Unknown	4	1 x 1