INT OBSERVING LOG (ISAAC NEWTON GROUP, LA PALMA)

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TELESCOPE:              INT
DATE:                   1998 AUG 25/26
INT TAPE NR:            INTD 3763-3764
OBSERVER:               G. Dalton, J. Booth, E. Gaztanaga
PROGRAMME:              Oxford WFC Survey
PATT/CAT:               WFS 16
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:                GOOD
OUTSIDE TEMP (deg C):     16.9            (FIRST HALF)
OUTSIDE TEMP (deg C):     16.4            (SECOND HALF)
HUMIDITY (%):             6               (FIRST HALF)
HUMIDITY (%):             15             (SECOND HALF)
CLOUD COVER (%):           0              (FIRST HALF)
CLOUD COVER (%):           0              (SECOND HALF)
DUST (0 - 2):              1              (FIRST HALF)
DUST (0 - 2):              1              (SECOND HALF)
SEEING (arcsec):           1.1            (FIRST HALF)
SEEING (arcsec):           1.3            (SECOND HALF)
AV. SEEING (arcsec):       1.2
NO. SEEING MEASURES:       0

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

DARK HOURS:             08:21
DOME OPEN (UTC):        19:10
MOON PHASE (D/G/B):         D
DK HRS LOST (WEATHER):00:00
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):    00:15
DK HRS LOST (OTHER):  00:00

COMMENTS:

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Run no.	Object name	RA	Dec.	Equinox	AM	PA	UT	Exp. T.	Filter	Psys	Channel	Binning	Comments
123596	Bias frame	0:00:00.00	+00:00:00.0	J2000.00	1.000	0.0	14:14:57.6	0.0	R	Harris	1	2 x 2	
123600	Bias frame	0:00:00.00	+00:00:00.0	J2000.00	4.004	0.0	14:29:07.2	0.0	z	Gunn	1	4 x 4	
123604	Dark frame	0:00:00.00	+00:00:00.0	J2000.00	4.004	0.0	14:52:24.5	5.0	Unknown	Unknown	1	1 x 1	
123616	Bias frame	0:00:00.00	+00:00:00.0	J2000.00	4.004	0.0	15:13:18.7	0.0	B	KpnoB	1	1 x 1	

123620	Bias frame	0:00:00.00	+00:00:00.0	J2000.00	4.004	0.0	15:21:55.2	0.0	B	KpnoB	1	1 x 1
123624	Bias frame	0:00:00.00	+00:00:00.0	J2000.00	4.004	0.0	15:24:46.5	0.0	B	KpnoB	1	1 x 1
123628	Bias frame	0:00:00.00	+00:00:00.0	J2000.00	4.004	0.0	15:27:38.0	0.0	B	KpnoB	1	1 x 1
123632	Bias frame	0:00:00.00	+00:00:00.0	J2000.00	4.004	0.0	15:30:29.0	0.0	B	KpnoB	1	1 x 1
123636	Dome flat 1	0:00:00.00	+00:00:00.0	J2000.00	4.004	0.0	15:52:22.2	1.1	V	Harris	1	1 x 1
123640	Dome flat 2	0:00:00.00	+00:00:00.0	J2000.00	4.004	0.0	15:55:19.6	2.1	V	Harris	1	1 x 1
123644	Dome flat 3	0:00:00.00	+00:00:00.0	J2000.00	4.004	0.0	15:58:17.6	3.1	V	Harris	1	1 x 1
123648	Dome flat 4	0:00:00.00	+00:00:00.0	J2000.00	4.004	0.0	16:01:16.7	4.1	V	Harris	1	1 x 1
123652	Dome flat 5	0:00:00.00	+00:00:00.0	J2000.00	4.004	0.0	16:04:17.1	5.1	V	Harris	1	1 x 1
123656	Dome flat 6	0:00:00.00	+00:00:00.0	J2000.00	4.004	0.0	16:07:18.3	6.1	V	Harris	1	1 x 1
123660	Dome flat 7	0:00:00.00	+00:00:00.0	J2000.00	4.004	0.0	16:10:21.4	7.1	V	Harris	1	1 x 1
123664	Dome flat 8	0:00:00.00	+00:00:00.0	J2000.00	4.004	0.0	16:13:24.6	8.1	V	Harris	1	1 x 1
123668	Dome flat 9	0:00:00.00	+00:00:00.0	J2000.00	4.004	0.0	16:16:27.8	9.1	V	Harris	1	1 x 1
123672	Dome flat 10	0:00:00.00	+00:00:00.0	J2000.00	4.004	0.0	16:19:32.9	10.1	V	Harris	1	1 x 1
123676	Dome flat 11	0:00:00.00	+00:00:00.0	J2000.00	4.004	0.0	16:22:38.3	11.1	V	Harris	1	1 x 1
123680	Dome flat 12	0:00:00.00	+00:00:00.0	J2000.00	4.004	0.0	16:25:45.2	12.1	V	Harris	1	1 x 1
123684	Dome flat 13	0:00:00.00	+00:00:00.0	J2000.00	4.004	0.0	16:28:52.5	13.1	V	Harris	1	1 x 1
123688	Dome flat 14	0:00:00.00	+00:00:00.0	J2000.00	4.004	0.0	16:32:01.6	13.6	V	Harris	1	1 x 1
123692	Dome flat 15	0:00:00.00	+00:00:00.0	J2000.00	4.004	0.0	16:35:12.0	14.6	V	Harris	1	1 x 1
123696	Dome flat 16	0:00:00.00	+00:00:00.0	J2000.00	4.004	0.0	16:38:23.2	16.1	V	Harris	1	1 x 1
123700	Dome flat 17	0:00:00.00	+00:00:00.0	J2000.00	4.004	0.0	16:41:35.6	16.6	V	Harris	1	1 x 1
123704	Dome flat 18	0:00:00.00	+00:00:00.0	J2000.00	4.004	0.0	16:44:49.8	18.1	V	Harris	1	1 x 1
123708	Dome flat 19	0:00:00.00	+00:00:00.0	J2000.00	4.004	0.0	16:48:03.9	19.1	V	Harris	1	1 x 1
123712	Dome flat 20	0:00:00.00	+00:00:00.0	J2000.00	4.004	0.0	16:51:18.7	20.1	V	Harris	1	1 x 1
123716	Dome flat 21	0:00:00.00	+00:00:00.0	J2000.00	4.004	0.0	16:54:35.9	21.1	V	Harris	1	1 x 1
123720	Dome flat 22	0:00:00.00	+00:00:00.0	J2000.00	4.004	0.0	16:57:52.7	21.5	V	Harris	1	1 x 1
123724	Dome flat 23	0:00:00.00	+00:00:00.0	J2000.00	4.004	0.0	17:01:11.4	23.1	V	Harris	1	1 x 1
123728	Dome flat 24	0:00:00.00	+00:00:00.0	J2000.00	4.004	0.0	17:04:30.8	24.1	V	Harris	1	1 x 1
123732	Dome flat 25	0:00:00.00	+00:00:00.0	J2000.00	4.004	0.0	17:07:51.3	25.1	V	Harris	1	1 x 1
123736	Dome flat 26	0:00:00.00	+00:00:00.0	J2000.00	4.004	0.0	17:11:12.6	26.1	V	Harris	1	1 x 1
123740	Dome flat 27	0:00:00.00	+00:00:00.0	J2000.00	4.004	0.0	17:14:33.8	27.1	V	Harris	1	1 x 1
123744	Dome flat 28	0:00:00.00	+00:00:00.0	J2000.00	4.004	0.0	17:17:56.7	27.6	V	Harris	1	1 x 1
123748	Dome flat 29	0:00:00.00	+00:00:00.0	J2000.00	4.004	0.0	17:21:20.4	29.1	V	Harris	1	1 x 1
123752	Dome flat 30	0:00:00.00	+00:00:00.0	J2000.00	4.004	0.0	17:24:46.0	30.2	V	Harris	1	1 x 1
123756	Dome flat 31	0:00:00.00	+00:00:00.0	J2000.00	4.004	0.0	17:28:13.0	31.1	V	Harris	1	1 x 1
123760	Dome flat 32	0:00:00.00	+00:00:00.0	J2000.00	4.004	0.0	17:31:40.5	32.2	V	Harris	1	1 x 1
123764	Flat field	0:00:00.00	+00:00:00.0	A	1.000	180.0	19:25:53.3	3.6	V	Harris	1	1 x 1
123768	Flat field	19:19:09.00	+12:22:05.0	B1950.00	1.061	180.0	19:29:09.0	8.7	V	Harris	1	1 x 1
123772	Flat field	19:19:11.04	+12:22:05.0	B1950.00	1.058	180.0	19:32:16.9	16.6	I	INT-WFC	1	1 x 1
123776	Flat field	19:19:11.04	+12:22:05.0	B1950.00	1.055	180.0	19:35:49.5	32.4	I	INT-WFC	1	1 x 1
123780	Flat field	19:19:11.04	+12:22:04.9	B1950.00	1.053	180.0	19:39:31.5	74.0	I	INT-WFC	1	1 x 1
123784	Focus run	21:42:35.00	+00:18:31.0	J2000.00	1.195	180.0	21:25:45.6	9.6	V	Harris	1	1 x 1
123788	SA113-163	21:42:35.00	+00:20:16.0	J2000.00	1.174	180.0	21:37:33.2	10.1	V	Harris	1	1 x 1
123792	SA113-163	21:42:34.99	+00:16:46.0	J2000.00	1.171	180.0	21:40:42.6	10.1	V	Harris	1	1 x 1
123796	SA113-163	21:42:35.00	+00:16:45.9	J2000.00	1.167	180.0	21:44:08.0	10.1	R	Harris	1	1 x 1
123800	SA113-163	21:42:35.00	+00:16:46.0	J2000.00	1.163	180.0	21:47:15.3	10.1	I	INT-WFC	1	1 x 1
123808	f680 V	0:23:39.29	-11:18:56.9	B1950.00	1.545	180.0	23:13:23.5	299.2	V	Harris	1	1 x 1
123812	f680 V	0:23:39.27	-11:18:57.0	B1950.00	1.511	180.0	23:21:19.5	299.9	V	Harris	1	1 x 1
123816	f680 V	0:23:39.30	-11:18:57.0	B1950.00	1.479	180.0	23:29:16.2	299.8	V	Harris	1	1 x 1
123820	f680 I	0:23:39.30	-11:18:57.0	B1950.00	1.451	180.0	23:37:24.7	299.9	I	INT-WFC	1	1 x 1
123824	f680 I	0:23:39.30	-11:18:57.0	B1950.00	1.426	180.0	23:45:20.9	299.8	I	INT-WFC	1	1 x 1
123828	f680 I	0:23:39.29	-11:18:56.9	B1950.00	1.403	180.0	23:53:37.5	299.8	I	INT-WFC	1	1 x 1
123832	f680	0:23:39.30	-11:18:57.0	B1950.00	1.382	180.0	00:02:15.0	299.8	V	Harris	1	1 x 1
123836	f680	0:23:39.27	-11:18:56.9	B1950.00	1.364	180.0	00:10:13.8	299.8	V	Harris	1	1 x 1
123840	f680	0:23:39.30	-11:18:57.0	B1950.00	1.349	180.0	00:18:17.5	299.8	V	Harris	1	1 x 1
123844	f757 V	2:00:24.00	-03:29:05.0	B1950.00	1.473	180.0	00:28:08.9	299.8	V	Harris	1	1 x 1
123848	f757 V	2:00:24.00	-03:29:04.9	B1950.00	1.436	180.0	00:36:05.5	299.8	V	Harris	1	1 x 1
123852	f757 V	2:00:23.99	-03:29:05.0	B1950.00	1.403	180.0	00:44:02.0	299.3	V	Harris	1	1 x 1
123856	f757 I	2:00:24.00	-03:29:05.0	B1950.00	1.372	180.0	00:52:09.9	299.8	I	INT-WFC	1	1 x 1
123860	f757 I	2:00:24.00	-03:29:05.0	B1950.00	1.343	180.0	01:00:27.2	299.8	I	INT-WFC	1	1 x 1
123864	f757 I	2:00:24.00	-03:29:05.0	B1950.00	1.319	180.0	01:08:24.9	299.8	I	INT-WFC	1	1 x 1
123868	sa92-335	0:55:00.00	+00:44:12.8	J2000.00	1.142	180.0	01:17:27.7	10.1	V	Harris	1	1 x 1

123872	sa92-335	0:55:00.00	+00:44:12.9	J2000.00	1.141	180.0	01:20:34.8	10.1	R	Harris	1	1 x 1
123876	sa92-335	0:55:00.00	+00:44:12.9	J2000.00	1.139	180.0	01:23:43.9	10.1	I	INT-WFC	1	1 x 1
123892	wfsj0219-0500_023	2:17:55.79	-05:00:00.0	J2000.00	1.281	180.0	01:49:15.4	299.9	R	Harris	1	1 x 1
123896	wfsj0219-0500_014	2:15:47.30	-04:59:59.9	J2000.00	1.261	180.0	01:57:36.0	299.3	R	Harris	1	1 x 1
123900	wfsj0219-0500_032	2:20:04.19	-04:59:59.9	J2000.00	1.253	180.0	02:06:24.9	299.8	R	Harris	1	1 x 1
123908	wfsj0219-0500_014	2:15:47.30	-05:00:00.0	J2000.00	1.234	180.0	02:15:10.6	299.8	R	Harris	1	1 x 1
123912	wfsj0219-0500_032	2:20:04.20	-04:59:59.9	J2000.00	1.228	180.0	02:24:37.0	299.8	R	Harris	1	1 x 1
123916	wfsj0219-0500_023	2:17:55.80	-04:59:59.9	J2000.00	1.217	180.0	02:33:37.3	299.8	R	Harris	1	1 x 1
123920	wfsj0219-0500_033	2:20:04.20	-04:40:00.0	J2000.00	1.207	180.0	02:42:49.8	299.8	R	Harris	1	1 x 1
123924	wfsj0219-0500_024	2:17:55.80	-04:39:59.9	J2000.00	1.201	180.0	02:51:26.7	299.8	R	Harris	1	1 x 1
123928	wfsj0219-0500_015	2:15:47.40	-04:39:59.9	J2000.00	1.198	180.0	02:59:46.7	299.8	R	Harris	1	1 x 1
123932	wfsj0219-0500_033	2:20:04.20	-04:40:00.0	J2000.00	1.198	180.0	03:09:54.9	299.7	R	Harris	1	1 x 1
123936	wfsj0219-0500_024	2:17:55.80	-04:39:59.9	J2000.00	1.199	180.0	03:18:15.0	299.8	R	Harris	1	1 x 1
123940	wfsj0219-0500_015	2:15:47.40	-04:40:00.0	J2000.00	1.203	180.0	03:26:35.7	299.8	R	Harris	1	1 x 1
123944	wfsj0219-0500_033	2:20:04.20	-04:40:00.0	J2000.00	1.205	180.0	03:35:12.6	299.3	R	Harris	1	1 x 1
123948	wfsj0219-0500_015	2:15:47.40	-04:40:00.0	J2000.00	1.215	180.0	03:43:21.3	299.8	R	Harris	1	1 x 1
123952	wfsj0219-0500_031	2:20:04.29	-05:19:59.9	J2000.00	1.229	180.0	03:52:24.6	299.2	R	Harris	1	1 x 1
123956	wfsj0219-0500_022	2:17:55.70	-05:20:00.0	J2000.00	1.242	180.0	04:00:44.5	299.3	R	Harris	1	1 x 1
123960	wfsj0219-0500_013	2:15:47.20	-05:19:59.9	J2000.00	1.257	180.0	04:09:01.2	299.9	R	Harris	1	1 x 1
123964	wfsj0219-0500_031	2:20:04.29	-05:19:59.9	J2000.00	1.265	180.0	04:17:39.0	299.8	R	Harris	1	1 x 1
123968	wfsj0219-0500_022	2:17:55.70	-05:19:59.9	J2000.00	1.285	180.0	04:25:57.8	299.8	R	Harris	1	1 x 1
123972	wfsj0219-0500_013	2:15:47.19	-05:20:00.0	J2000.00	1.309	180.0	04:34:13.8	299.9	R	Harris	1	1 x 1
123976	wfsj0219-0500_030	2:20:04.29	-05:40:00.0	J2000.00	1.330	180.0	04:44:45.8	299.8	R	Harris	1	1 x 1
123980	wfsj0219-0500_021	2:17:55.69	-05:40:00.0	J2000.00	1.361	180.0	04:53:05.9	299.8	R	Harris	1	1 x 1
123984	wfsj0219-0500_012	2:15:47.10	-05:40:00.0	J2000.00	1.396	180.0	05:01:25.2	299.8	R	Harris	1	1 x 1
123988	wfsj0219-0500_030	2:20:04.30	-05:40:00.0	J2000.00	1.414	180.0	05:10:28.9	299.8	R	Harris	1	1 x 1
123992	wfsj0219-0500_021	2:17:55.70	-05:40:00.0	J2000.00	1.457	180.0	05:18:47.9	299.8	R	Harris	1	1 x 1
123996	wfsj0219-0500_012	2:15:47.10	-05:39:59.9	J2000.00	1.505	180.0	05:27:01.0	299.9	R	Harris	1	1 x 1
124008	wfsj0219-0500_025	2:17:55.80	-04:20:00.0	J2000.00	1.520	180.0	05:37:35.4	0.0	R	Harris	1	1 x 1
124012	sa95-330	3:54:31.00	+00:29:04.9	J2000.00	1.176	180.0	05:47:19.2	0.0	R	Harris	1	1 x 1
124016	wfsj0219-0500_025	2:17:55.80	-04:19:59.9	J2000.00	1.602	180.0	05:51:33.3	0.0	R	Harris	1	1 x 1
124020	sa95-330	3:54:31.00	+00:29:05.0	J2000.00	1.197	180.0	06:00:34.8	0.0	R	Harris	1	1 x 1
124024	wfsj0219-0500_025	2:17:55.80	-04:20:00.0	J2000.00	1.693	180.0	06:04:29.5	0.0	R	Harris	1	1 x 1
124028	sky flat	3:54:31.00	+00:29:04.9	J2000.00	1.226	180.0	06:15:00.3	0.0	R	Harris	1	1 x 1
124032	sky flat	4:25:46.00	+54:09:03.0	B1950.00	1.129	180.0	06:21:06.6	0.0	R	Harris	1	1 x 1
124036	sky flat	4:25:49.41	+54:09:03.0	B1950.00	1.134	180.0	06:27:04.4	0.0	R	Harris	1	1 x 1
124040	sky flat	4:25:49.41	+54:09:02.9	B1950.00	1.137	180.0	06:31:15.6	0.0	R	Harris	1	1 x 1
124044	sky flat	4:25:49.41	+54:09:03.0	B1950.00	1.140	180.0	06:34:54.5	0.0	R	Harris	1	1 x 1
124048	sky flat	4:25:49.41	+54:09:02.9	B1950.00	1.144	180.0	06:38:30.2	0.0	R	Harris	1	1 x 1