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INT OBSERVING LOG (ISAAC NEWTON GROUP, LA PALMA)

TELESCOPE:             INT
DATE:                  1998 OCT 11/12
INT TAPE NR:           INTD3813,14
OBSERVER:              R.McMahon, J.C.Hamilton, P.Astier
PROGRAMME:             Wide Angle Survey 09
PATT/CAT:              WFS9
TELESCOPE OPERATOR:    N. O Mahony
SUPPORT ASTRONOMER:    N.Walton

FOCUS:                 Prime
INSTRUMENT:            WFC
FILTER WHEEL (PF):     Z,U,I,R,KpB,V
CAMERA (IDS):
COLLIMATOR (IDS):
COLL. FOCUS (IDS):
GRATING (IDS):
DETECTOR:              4 EEV 2kx4k
PIXELS:                2148x4200
PIXEL SIZE (microns): 13.5
WINDOW:                Xstart=0, Xsize=2148, Ystart=0, Ysize=4200
BINNING:               in X=1, in Y=1

WEATHER:               GOOD/seeing fair
OUTSIDE TEMP (deg C): 13.5              (FIRST HALF)
OUTSIDE TEMP (deg C): 12.0              (SECOND HALF)
HUMIDITY (%):            35              (FIRST HALF)
HUMIDITY (%):            55              (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):          2              (FIRST HALF)
SEEING (arcsec):        1.5              (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:            09:47
DOME OPEN (UTC):       21:20
MOON PHASE (D/G/B):        B
DK HRS LOST (WEATHER):00:32
DK HRS LOST (TELESC): 00:55
DK HRS LOST (DOME):   00:00
DK HRS LOST (INSTR.): 00:40
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:
Late start because fixing Channel duplicate readout fault (from yesterday)
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Run no.	Object name	RA	Dec.	Equinox	AM	PA	UT	Exp. T.	Filter	Psys	Channel	Binning	Comments
126872	Flat field	0:00:00.00	+00:00:00.0	J2000.00	4.341	179.8	14:56:43.6	15.1	R	Harris	1	1 x 1	
126872	Flat field	0:00:00.00	+00:00:00.0	J2000.00	4.341	179.8	14:56:43.6	15.1	R	Harris	1	1 x 1	
126876	Flat field	0:00:00.00	+00:00:00.0	J2000.00	4.341	179.8	15:04:59.6	5.1	R	Harris	1	1 x 1	
126884	Flat field	0:00:00.00	+00:00:00.0	J2000.00	4.341	179.8	15:15:41.0	5.1	R	Harris	1	1 x 1	

126892	Flat field	0:00:00.00	+00:00:00.0	J2000.00	4.341	179.8	19:51:47.1	5.1	B	KpnoB	1	1 x 1
126900	Flat field	0:00:00.00	+00:00:00.0	J2000.00	4.341	179.8	19:58:49.4	4.6	B	KpnoB	1	1 x 1
126904	Flat field	0:00:00.00	+00:00:00.0	J2000.00	1.596	179.8	20:34:08.9	5.1	z	Gunn	1	1 x 1
126908	Flat field	0:00:00.00	+00:00:00.0	J2000.00	1.000	179.8	20:37:33.2	5.1	z	Gunn	1	1 x 1
126912	21+37	10:30:26.68	+18:49:35.6	J2000.00	1.013	179.8	20:42:08.9	15.1	R	Harris	1	1 x 1
126916	Focus run	21:42:34.99	+00:18:30.9	J2000.00	1.156	179.8	20:53:20.3	15.1	U	RGO	1	1 x 1
126920	wfsj2240+0000_034	22:41:04.01	+00:39:59.6	J2000.00	1.210	179.8	21:03:57.7	599.5	U	RGO	1	1 x 1
126924	wfsj2240+0000_035	22:41:03.99	+01:00:00.0	J2000.00	1.181	179.8	21:18:18.6	599.4	U	RGO	1	1 x 1
126928	wfsj2240+0000_036	22:41:04.00	+01:20:00.0	J2000.00	1.157	179.8	21:33:13.5	599.0	U	RGO	1	1 x 1
126932	wfsj2240+0000_025	22:38:55.99	+00:39:59.9	J2000.00	1.147	179.8	21:48:18.9	599.5	U	RGO	1	1 x 1
126936	wfsj2240+0000_026	22:38:55.99	+00:59:59.9	J2000.00	1.134	179.8	22:03:29.3	599.4	U	RGO	1	1 x 1
126944	wfsj2240+0000_036	22:41:04.00	+01:19:59.9	J2000.00	1.127	179.8	22:29:29.7	599.5	U	RGO	1	1 x 1
126948	wfsj2240+0000_026	22:38:56.00	+00:59:59.9	J2000.00	1.134	179.8	22:44:48.7	599.6	U	RGO	1	1 x 1
126952	wfsj2240+0000_016	22:36:47.99	+00:40:00.0	J2000.00	1.151	179.8	23:02:10.3	599.4	U	RGO	1	1 x 1
126956	wfsj2240+0000_017	22:36:48.00	+00:59:59.8	J2000.00	1.163	179.8	23:17:24.7	599.5	U	RGO	1	1 x 1
126960	wfsj2240+0000_018	22:36:47.90	+01:20:00.0	J2000.00	1.182	179.8	23:32:38.1	599.5	U	RGO	1	1 x 1
126964	wfsj2240+0000_027	22:38:56.00	+01:20:00.0	J2000.00	1.204	179.8	23:47:10.6	599.5	U	RGO	1	1 x 1
126980	Bias frame	2:17:55.69	-05:20:00.0	J2000.00	1.283	179.8	00:50:37.3	0.0	R	Harris	1	1 x 1
126984	wfsj0219-0500_022	2:17:55.70	-05:20:00.0	J2000.00	1.269	179.8	00:55:17.8	299.8	R	Harris	1	1 x 1
126988	wfsj0219-0500_023	2:17:55.79	-04:59:59.9	J2000.00	1.248	179.8	01:04:32.9	299.8	R	Harris	1	1 x 1
126992	wfsj0219-0500_024	2:17:55.80	-04:39:59.9	J2000.00	1.229	179.8	01:14:13.0	299.8	R	Harris	1	1 x 1
126996	wfsj0219-0500_031	2:20:04.30	-05:20:00.0	J2000.00	1.230	179.8	01:24:08.1	299.8	R	Harris	1	1 x 1
127000	wfsj0219-0500_032	2:20:04.20	-05:00:00.0	J2000.00	1.216	179.8	01:33:52.3	299.8	R	Harris	1	1 x 1
127004	wfsj0219-0500_033	2:20:04.20	-04:40:00.0	J2000.00	1.204	179.8	01:43:37.8	299.8	R	Harris	1	1 x 1
127008	wfsj0219-0500_013	2:15:47.20	-05:19:59.8	J2000.00	1.208	179.8	01:53:50.2	299.8	R	Harris	1	1 x 1
127012	wfsj0219-0500_014	2:15:47.30	-04:59:59.9	J2000.00	1.202	179.8	02:03:34.4	299.8	R	Harris	1	1 x 1
127016	wfsj0219-0500_015	2:15:47.40	-04:39:59.9	J2000.00	1.199	179.8	02:13:22.3	299.8	R	Harris	1	1 x 1
127020	Bias frame	2:15:47.40	-04:39:59.9	J2000.00	1.201	179.8	02:21:45.3	0.0	R	Harris	1	1 x 1
127024	Bias frame	2:15:47.40	-04:40:00.0	J2000.00	1.202	179.8	02:24:35.9	0.0	R	Harris	1	1 x 1
127028	wfsj0219-0500_022	2:17:55.70	-05:19:59.9	J2000.00	1.215	179.8	02:29:49.7	299.9	R	Harris	1	1 x 1
127032	wfsj0219-0500_023	2:17:55.80	-05:00:00.0	J2000.00	1.216	179.8	02:39:01.3	299.8	R	Harris	1	1 x 1
127036	wfsj0219-0500_024	2:17:55.80	-04:39:59.9	J2000.00	1.221	179.8	02:48:41.0	299.8	R	Harris	1	1 x 1
127040	wfsj0219-0500_031	2:20:04.30	-05:19:59.9	J2000.00	1.240	179.8	02:59:02.0	299.8	R	Harris	1	1 x 1
127044	wfsj0219-0500_032	2:20:04.19	-04:59:59.9	J2000.00	1.250	179.8	03:08:44.8	299.3	R	Harris	1	1 x 1
127048	wfsj0219-0500_033	2:20:04.20	-04:40:00.0	J2000.00	1.261	179.8	03:18:35.8	299.8	R	Harris	1	1 x 1
127052	wfsj0219-0500_013	2:15:47.20	-05:20:00.0	J2000.00	1.304	179.8	03:29:17.1	299.8	R	Harris	1	1 x 1
127056	wfsj0219-0500_014	2:15:47.29	-04:59:59.9	J2000.00	1.323	179.8	03:39:07.2	299.8	R	Harris	1	1 x 1
127060	wfsj0219-0500_015	2:15:47.40	-04:40:00.0	J2000.00	1.346	179.8	03:48:56.5	299.8	R	Harris	1	1 x 1
127064	wfsj0219-0500_033	2:20:04.20	-04:39:59.9	J2000.00	1.371	179.8	04:00:48.9	299.3	R	Harris	1	1 x 1
127068	wfsj0219-0500_015	2:15:47.40	-04:40:00.0	J2000.00	1.424	179.8	04:10:45.1	299.8	R	Harris	1	1 x 1
127072	Bias frame	2:15:47.39	-04:40:00.0	J2000.00	1.449	179.8	04:19:08.2	0.0	R	Harris	1	1 x 1
127076	Bias frame	2:15:47.39	-04:40:00.0	J2000.00	1.462	179.8	04:22:01.0	0.0	R	Harris	1	1 x 1
127080	wfsj0340+0000_022	3:38:56.00	-00:20:00.0	J2000.00	1.192	179.8	04:28:16.8	599.7	z	Gunn	1	1 x 1
127084	wfsj0340+0000_023	3:38:55.99	-00:00:00.2	J2000.00	1.214	179.8	04:43:08.6	598.9	z	Gunn	1	1 x 1
127088	wfsj0340+0000_024	3:38:55.99	+00:20:00.1	J2000.00	1.241	179.8	04:57:57.6	598.8	z	Gunn	1	1 x 1
127092	wfsj0340+0000_031	3:41:04.00	-00:20:00.0	J2000.00	1.285	179.8	05:13:19.4	599.5	z	Gunn	1	1 x 1
127096	Bias frame	0:00:00.00	+00:00:00.0	J2000.00	1.309	179.8	05:26:27.6	0.0	z	Gunn	1	1 x 1
127100	Bias frame	0:00:00.00	+00:00:00.0	J2000.00	1.309	179.8	05:29:20.2	0.0	z	Gunn	1	1 x 1
127104	Bias frame	0:00:00.00	+00:00:00.0	J2000.00	2.900	179.8	05:32:11.2	0.0	z	Gunn	1	1 x 1
127108	Bias frame	0:00:00.00	+00:00:00.0	J2000.00	4.391	179.8	05:35:02.4	0.0	z	Gunn	1	1 x 1