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INT OBSERVING LOG (ISAAC NEWTON GROUP, LA PALMA)

TELESCOPE:             INT
DATE:                  1998 DEC 23/24
INT TAPE NR:           INTD3909/10/11
OBSERVER:              N. Walton/Sorensen
PROGRAMME:             WFC Survey
PATT/CAT:              WFS 9
TELESCOPE OPERATOR:    P. Sorensen
SUPPORT ASTRONOMER:    N. Walton

FOCUS:                 PRIME
INSTRUMENT:            WFC
FILTER WHEEL (PF):     I, U, R, V, Z, B
CAMERA (IDS):          -
COLLIMATOR (IDS):      -
COLL. FOCUS (IDS):     -
GRATING (IDS):         -
DETECTOR:              4xEEV
PIXELS:                2k x 4k
PIXEL SIZE (microns):  13.5
WINDOW:                none
BINNING:               none

WEATHER:                poor
OUTSIDE TEMP (deg C):    0.0             (FIRST HALF)
OUTSIDE TEMP (deg C):    1.5             (SECOND HALF)
HUMIDITY (%):            100             (FIRST HALF)
HUMIDITY (%):             50             (SECOND HALF)
CLOUD COVER (%):         100             (FIRST HALF)
CLOUD COVER (%):          0              (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):      2
NO. SEEING MEASURES:      -

UTC    TELESCOPE                 CASELLA OUT   CASELLA IN    SEEING
       AZ   EL  Focus  TComp     Temp   Humid  Temp   Humid  Det./TV  Comments

DARK HOURS:            10:53
DOME OPEN (UTC):       --:--
MOON PHASE (D/G/B):        D
DK HRS LOST (WEATHER):06:15
DK HRS LOST (TELESC): 00:00
DK HRS LOST (DOME):   00:00
DK HRS LOST (INSTR.): 00:00
DK HRS LOST (DET.):   02:15
DK HRS LOST (COMPS.): 00:00
DK HRS LOST (A&G):    00:00
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
141322	Bias frame						13:27:32.8	0.0	U	RGO	1	1 x 1	
141326	Bias frame	0:00:00.00	+00:00:00.0	A	1.702	179.8	16:19:55.5	0.0	B	Kitt Peak	1	1 x 1	
141330	Bias frame	0:00:00.00	+00:00:00.0	A	1.702	179.8	16:22:46.8	0.0	B	Kitt Peak	1	1 x 1	
141334	Bias frame	0:00:00.00	+00:00:00.0	A	1.702	179.8	16:25:38.3	0.0	B	Kitt Peak	1	1 x 1	
141338	Bias frame	0:00:00.00	+00:00:00.0	A	1.702	179.8	16:28:29.5	0.0	B	Kitt Peak	1	1 x 1	
141342	Bias frame	0:00:00.00	+00:00:00.0	A	1.702	179.8	16:31:19.5	0.0	B	Kitt Peak	1	1 x 1	

141346	Dome 48s	0:00:00.00	+00:00:00.0	A	1.702	179.8	16:44:25.3	48.1	B	Kitt Peak	1	1 x 1
141350	Dome 40s	0:00:00.00	+00:00:00.0	A	1.702	179.8	16:48:08.5	40.1	B	Kitt Peak	1	1 x 1
141354	Dome 32s	0:00:00.00	+00:00:00.0	A	1.702	179.8	16:51:43.7	32.0	B	Kitt Peak	1	1 x 1
141358	Dome 24s	0:00:00.00	+00:00:00.0	A	1.702	179.8	16:55:09.7	24.1	B	Kitt Peak	1	1 x 1
141362	Dome 18s	0:00:00.00	+00:00:00.0	A	1.702	179.8	16:58:28.6	18.1	B	Kitt Peak	1	1 x 1
141366	Dome 12s	0:00:00.00	+00:00:00.0	A	1.702	179.8	17:01:42.3	12.1	B	Kitt Peak	1	1 x 1
141370	Dome 10s	0:00:00.00	+00:00:00.0	A	1.702	179.8	17:04:50.4	10.1	B	Kitt Peak	1	1 x 1
141374	Dome 8s	0:00:00.00	+00:00:00.0	A	1.702	179.8	17:07:57.9	8.1	B	Kitt Peak	1	1 x 1
141378	Dome 6s	0:00:00.00	+00:00:00.0	A	1.702	179.8	17:11:00.3	6.1	B	Kitt Peak	1	1 x 1
141382	Dome 4s	0:00:00.00	+00:00:00.0	A	1.702	179.8	17:14:01.9	4.1	B	Kitt Peak	1	1 x 1
141386	Dome 3s	0:00:00.00	+00:00:00.0	A	1.702	179.8	17:17:01.7	3.1	B	Kitt Peak	1	1 x 1
141390	Dome 2s	0:00:00.00	+00:00:00.0	A	1.702	179.8	17:20:01.2	2.1	B	Kitt Peak	1	1 x 1
141394	Dome 1s	0:00:00.00	+00:00:00.0	A	1.702	179.8	17:22:58.6	1.1	B	Kitt Peak	1	1 x 1
141398	dome KPB 32s	0:00:00.00	+00:00:00.0	A	1.702	179.8	18:15:35.2	32.1	B	Kitt Peak	1	1 x 1
141402	dome KPB 32s	0:00:00.00	+00:00:00.0	A	1.702	179.8	18:19:00.9	32.1	B	Kitt Peak	1	1 x 1
141406	dome KPB 32s	0:00:00.00	+00:00:00.0	A	1.702	179.8	18:22:25.9	32.1	B	Kitt Peak	1	1 x 1
141410	dome Z 16s	0:00:00.00	+00:00:00.0	A	1.702	179.8	18:44:32.7	16.1	z	Gunn	1	1 x 1
141414	dome Z 16s	0:00:00.00	+00:00:00.0	A	1.702	179.8	18:47:42.6	16.1	z	Gunn	1	1 x 1
141418	dome Z 16s	0:00:00.00	+00:00:00.0	A	1.702	179.8	18:50:51.7	15.6	z	Gunn	1	1 x 1
141422	dome Z 16s	0:00:00.00	+00:00:00.0	A	1.702	179.8	18:54:02.6	15.6	z	Gunn	1	1 x 1
141426	dome Z 16s	0:00:00.00	+00:00:00.0	A	1.702	179.8	18:57:11.9	16.1	z	Gunn	1	1 x 1
141430	dome I 16s	0:00:00.00	+00:00:00.0	A	1.702	179.8	19:11:29.8	14.4	I	INT-WFC	1	1 x 1
141434	dome I 16s	0:00:00.00	+00:00:00.0	A	1.702	179.8	19:14:42.6	16.1	I	INT-WFC	1	1 x 1
141438	dome I 16s	0:00:00.00	+00:00:00.0	A	1.702	179.8	19:17:53.7	15.6	I	INT-WFC	1	1 x 1
141450	dome I 16s	0:00:00.00	+00:00:00.0	A	1.702	179.8	19:22:54.6	-16.3	I	INT-WFC	1	1 x 1
141454	Bias frame	0:00:00.00	+00:00:00.0	A	1.000	179.8	00:43:51.7	0.0	I	INT-WFC	1	1 x 1
141458	Bias frame	0:00:00.00	+00:00:00.0	A	1.000	179.8	00:46:44.7	0.0	I	INT-WFC	1	1 x 1
141462	Bias frame	0:00:00.00	+00:00:00.0	A	1.000	179.8	00:49:37.6	0.0	I	INT-WFC	1	1 x 1
141466	Focus run	3:54:31.00	+00:30:50.0	J2000.00	1.352	179.8	01:10:18.3	-5.4	I	INT-WFC	1	1 x 1
141470	sa95-330 I 40s	3:54:31.00	+00:32:34.9	J2000.00	1.385	179.8	01:17:18.5	-40.3	I	INT-WFC	1	1 x 1
141474	grb981222 1200s I	3:42:33.80	+17:09:00.0	J2000.00	1.313	179.8	01:43:31.2	-1198.8	I	INT-WFC	1	1 x 1
141478	grb981222 1200s B	3:42:33.80	+17:09:00.0	J2000.00	1.429	179.8	02:07:23.5	-1198.8	B	Kitt Peak	1	1 x 1
141486	sa101-427 I 40s	9:57:25.99	-00:17:16.0	J2000.00	1.266	179.8	03:17:06.7	39.6	I	INT-WFC	1	1 x 1
141486	sa101-427 I 40s	9:57:25.99	-00:17:16.0	J2000.00	1.266	179.8	03:17:06.7	39.6	I	INT-WFC	1	1 x 1
141491	sa101-427	9:57:26.00	-00:17:15.9	J2000.00	1.215	179.8	03:39:53.1	40.0	B	Kitt Peak	1	1 x 1
141495	sa101-427	9:57:25.99	-00:17:16.0	J2000.00	1.208	179.8	03:43:36.5	40.1	V	Harris	1	1 x 1
141499	sa101-427	9:57:26.00	-00:17:16.0	J2000.00	1.201	179.8	03:47:18.5	40.0	R	Harris	1	1 x 1
141503	sa101-427	9:57:26.00	-00:17:15.9	J2000.00	1.195	179.8	03:51:02.6	39.6	I	INT-WFC	1	1 x 1
141507	sa101-427	9:57:25.99	-00:17:16.0	J2000.00	1.189	179.8	03:54:46.4	40.1	z	Gunn	1	1 x 1
141511	sa101-427	9:57:26.00	-00:17:15.9	J2000.00	1.182	179.8	03:58:32.8	199.9	U	RGO	1	1 x 1
141515	wfsj0801+4019_031	8:03:00.30	+39:59:00.0	J2000.00	1.053	179.8	04:09:40.7	599.6	R	Harris	1	1 x 1
141519	wfsj0801+4019_031	8:03:00.29	+39:59:00.1	J2000.00	1.067	179.8	04:22:43.9	599.5	V	Harris	1	1 x 1
141523	wfsj0801+4019_031	8:03:00.29	+39:59:00.1	J2000.00	1.084	179.8	04:35:48.4	599.5	U	RGO	1	1 x 1
141527	wfsj0801+4019_031	8:03:00.30	+39:58:59.9	J2000.00	1.104	179.8	04:48:44.4	599.0	U	RGO	1	1 x 1
141531	wfsj0801+4019_031	8:03:00.29	+39:59:00.0	J2000.00	1.127	179.8	05:01:50.6	599.5	z	Gunn	1	1 x 1
141535	wfsj0801+4019_031	8:03:00.29	+39:59:00.2	J2000.00	1.153	179.8	05:14:51.5	599.4	B	Kitt Peak	1	1 x 1
141539	wfsj0801+4019_031	8:03:00.30	+39:59:00.0	J2000.00	1.277	179.8	05:59:49.5	599.4	R	Harris	1	1 x 1
141543	wfsj0801+4019_031	8:03:00.29	+39:59:00.0	J2000.00	1.324	179.8	06:12:50.8	599.5	V	Harris	1	1 x 1
141547	wfsj0801+4019_031	8:03:00.30	+39:59:00.1	J2000.00	1.377	179.8	06:25:54.9	599.4	U	RGO	1	1 x 1
141551	wfsj0801+4019_031	8:03:00.30	+39:59:00.1	J2000.00	1.438	179.8	06:38:58.5	599.4	B	Kitt Peak	1	1 x 1
141555	wfsj0801+4019_031	8:03:00.30	+39:58:59.8	J2000.00	1.507	179.8	06:51:59.9	599.6	z	Gunn	1	1 x 1
141559	Bias frame	8:03:00.29	+39:58:59.8	J2000.00	1.565	179.8	07:06:45.9	0.0	z	Gunn	1	1 x 1
141563	Bias frame	8:03:00.30	+39:59:00.1	J2000.00	1.583	179.8	07:09:38.2	0.0	z	Gunn	1	1 x 1
141567	Bias frame	8:03:00.30	+39:58:59.9	J2000.00	1.602	179.8	07:12:31.5	0.0	z	Gunn	1	1 x 1
141571	Bias frame	8:03:00.29	+39:58:59.9	J2000.00	1.622	179.8	07:15:24.0	0.0	z	Gunn	1	1 x 1
141575	Bias frame	8:03:00.30	+39:59:00.1	J2000.00	1.642	179.8	07:18:17.4	0.0	z	Gunn	1	1 x 1
141579	Flat field	13:04:33.00	+29:50:49.0	B1950.00	1.014	179.8	07:23:56.5	52.4	B	Kitt Peak	1	1 x 1
141583	Flat field	13:04:33.76	+29:50:59.0	B1950.00	1.012	179.8	07:27:59.6	20.4	B	Kitt Peak	1	1 x 1
141587	Flat field	13:04:33.76	+29:50:39.0	B1950.00	1.010	179.8	07:31:32.4	8.7	B	Kitt Peak	1	1 x 1
141591	Flat field	13:04:33.76	+29:50:39.0	B1950.00	1.008	179.8	07:35:02.5	9.4	I	INT-WFC	1	1 x 1
141595	flatfield	13:04:33.76	+29:50:39.0	B1950.00	1.006	179.8	07:38:49.0	2.1	I	INT-WFC	1	1 x 1
141599	flatfield	13:04:33.76	+29:50:38.9	B1950.00	1.005	179.8	07:42:45.9	2.1	I	INT-WFC	1	1 x 1