INT OBSERVING LOG (ISAAC NEWTON GROUP, LA PALMA)

TELESCOPE: INT
DATE: 1999 Aug 2
INT TAPE NR: INTD 4135-36
OBSERVER: Steve Smart
PROGRAMME: S/D
PATT/CAT: S/D + NL M3
TELESCOPE OPERATOR: Jose Norberto
SUPPORT ASTRONOMER: Steve Smart

FOCUS: Prime
INSTRUMENT: WFC
FILTER WHEEL (PF): KP, g, r, i, Z, U,
CAMERA (IDS): -
COLLIMATOR (IDS): -
COLL. FOCUS (IDS): -
GRATING (IDS): -
DETECTOR: EEV10
PIXELS: 2148x4200
PIXEL SIZE (microns): 13.5
WINDOW: Xstart=, Xsize=, Ystart=, Ysize=
BINNING: in X=1, in Y=1

WEATHER:	Good	
OUTSIDE TEMP (deg C):	16.8	(FIRST HALF)
OUTSIDE TEMP (deg C):	17.1	(SECOND HALF)
HUMIDITY (%):	13	(FIRST HALF)
HUMIDITY (%):	16	(SECOND HALF)
CLOUD COVER (%):	0	(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):	-	
NO. SEEING MEASURES:	0	

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

DARK HOURS: 07:36
DOME OPEN (UTC): 19:00
MOON PHASE (D/G/B): B
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): 00:00
DK HRS LOST (OTHER): 00:00

COMMENTS:

----Run no.	Object name	RA	Dec.	Equinox	AM	PA	UT	Exp. T.	Filter	Psys	Channel	Binning	Comments
185593	Bias frame	0:00:00.00	+00:00:00.0	A	1.141	179.7	19:42:17.4	0.0	U	RGO	1	1 x 1	
185597	Flat field	19:00:00.00	+50:00:00.0	J2000.00	1.314	179.7	20:23:42.7	2.9	z	Gunn	1	1 x 1	
185601	Flat field	19:00:00.00	+49:59:59.9	J2000.00	1.303	179.7	20:27:30.2	9.1	z	Gunn	1	1 x 1	
185605	Flat field	19:00:01.03	+50:00:10.1	J2000.00	1.293	179.7	20:30:49.8	23.0	z	Gunn	1	1 x 1	
185609	Flat field	19:00:01.03	+50:00:10.0	J2000.00	1.283	179.7	20:34:24.8	15.0	r	Sloan	1	1 x 1	

185613	Flat field	19:00:02.07	+50:00:20.0	J2000.00	1.273	179.7	20:38:05.4	34.5	r	Sloan	1	1 x 1
185617	Flat field	13:00:00.00	+20:00:00.0	J2000.00	1.437	179.7	20:46:25.0	84.5	r	Sloan	1	1 x 1
185621	Focus run	16:19:59.99	+29:01:44.9	J2000.00	1.000	179.7	20:56:43.9	5.1	U	RGO	1	1 x 1
185629	SA107-602	15:39:19.00	-00:15:29.0	J2000.00	1.182	179.7	21:05:34.4	30.1	U	RGO	1	1 x 1
185644	Unspecified object	15:39:19.00	-00:15:29.0	J2000.00	1.190	179.7	21:10:59.5	10.1	z	Gunn	1	1 x 1
185657	WFSJ1610+5430_023	16:08:09.80	+54:29:59.9	J2000.00	1.130	179.7	21:27:42.5	598.9	U	RGO	1	1 x 1
185661	wfsj1610+5430_022	16:08:10.69	+54:09:59.9	J2000.00	1.138	179.7	21:42:05.2	599.5	U	RGO	1	1 x 1
185665	wfsj1610+5430_032	16:11:50.20	+54:29:59.8	J2000.00	1.151	179.7	21:56:27.6	599.5	U	RGO	1	1 x 1
185669	wfsj1610+5430_031	16:11:49.29	+54:10:00.0	J2000.00	1.165	179.7	22:10:44.0	599.4	U	RGO	1	1 x 1
185673	wfsj1610+5430_041	16:15:30.60	+54:29:59.9	J2000.00	1.182	179.7	22:25:02.9	599.4	U	RGO	1	1 x 1
185677	wfsj1610+5430_040	16:15:27.99	+54:10:00.1	J2000.00	1.201	179.7	22:39:17.8	599.4	U	RGO	1	1 x 1
185681	wfsj1610+5430_049	16:19:06.60	+54:10:00.0	J2000.00	1.219	179.7	22:53:38.6	599.4	U	RGO	1	1 x 1
185685	wfsj1610+5430_050	16:19:11.10	+54:30:00.0	J2000.00	1.249	179.7	23:07:55.2	599.6	U	RGO	1	1 x 1
185693	WFSJ1610+5430_014	16:04:29.40	+54:30:00.0	J2000.00	1.358	179.7	23:36:26.5	599.5	U	RGO	1	1 x 1
185697	SA113-163	21:42:35.00	+00:16:45.9	J2000.00	1.375	179.7	23:52:04.7	30.1	U	RGO	1	1 x 1
185701	SA113-163	21:42:34.99	+00:16:46.0	J2000.00	1.361	179.7	23:55:46.3	10.1	z	Gunn	1	1 x 1
185705	wfsj1610+5430_026	16:08:07.00	+55:29:59.6	J2000.00	1.437	179.7	00:02:06.9	599.4	z	Gunn	1	1 x 1
185709	wfsj1610+5430_020	16:08:12.41	+53:29:59.9	J2000.00	1.483	179.7	00:16:35.4	599.5	z	Gunn	1	1 x 1
185713	wfsj1610+5430_009	16:00:30.21	+55:49:59.7	J2000.00	1.591	179.7	00:31:14.4	599.5	z	Gunn	1	1 x 1
185717	wfssgc004	22:05:59.99	+00:00:00.0	J2000.00	1.244	179.7	00:48:45.5	1198.4	z	Gunn	1	1 x 1
185721	wfssgc005	22:07:59.97	+00:00:00.0	J2000.00	1.198	179.7	01:13:25.8	1198.2	z	Gunn	1	1 x 1
185725	wfssgc006	22:09:59.97	+00:00:00.0	J2000.00	1.167	179.7	01:37:55.6	1198.3	z	Gunn	1	1 x 1
185729	M31-microfld1	0:44:00.00	+41:34:00.0	J2000.00	1.261	179.7	02:10:26.1	599.4	r	Sloan	1	1 x 1
185733	M31-microfld1	0:44:00.00	+41:33:59.9	J2000.00	1.222	179.7	02:23:33.7	599.5	r	Sloan	1	1 x 1
185737	M31-microfld1	0:43:59.99	+41:33:59.9	J2000.00	1.188	179.7	02:36:36.3	599.6	i	Sloan	1	1 x 1
185741	M31-microfld1	0:43:59.99	+41:33:59.9	J2000.00	1.158	179.7	02:49:43.4	599.5	i	Sloan	1	1 x 1
185745	M31-microfld2	0:43:23.00	+40:58:15.0	J2000.00	1.125	179.7	03:04:43.6	599.6	r	Sloan	1	1 x 1
185749	M31-microfld2	0:43:23.00	+40:58:15.0	J2000.00	1.103	179.7	03:17:50.1	599.4	r	Sloan	1	1 x 1
185753	M31-microfld2	0:43:23.00	+40:58:14.9	J2000.00	1.084	179.7	03:30:53.0	599.5	i	Sloan	1	1 x 1
185757	M31-microfld2	0:43:23.00	+40:58:14.9	J2000.00	1.067	179.7	03:43:60.0	599.4	i	Sloan	1	1 x 1
185765	M31-MICROFLD2	0:43:22.99	+40:58:15.0	J2000.00	1.047	179.7	04:05:00.2	599.4	g	Sloan	1	1 x 1
185769	M31-MICROFLD2	0:43:22.99	+40:58:15.0	J2000.00	1.037	179.7	04:19:17.8	599.5	g	Sloan	1	1 x 1
185773	M31-MICROFLD1	0:43:59.99	+41:33:59.9	J2000.00	1.031	179.7	04:35:43.5	599.4	g	Sloan	1	1 x 1
185777	M31-MICROFLD1	0:44:00.00	+41:34:00.0	J2000.00	1.027	179.7	04:48:44.7	599.5	g	Sloan	1	1 x 1
185781	SA92-335	0:54:59.99	+00:44:12.9	J2000.00	1.135	179.7	05:06:28.3	30.1	U	RGO	1	1 x 1
185785	SA92-335	0:55:00.00	+00:44:13.0	J2000.00	1.134	179.7	05:10:02.7	10.1	g	Sloan	1	1 x 1
185789	SA92-335	0:54:59.99	+00:44:12.9	J2000.00	1.133	179.7	05:13:15.5	10.1	r	Sloan	1	1 x 1
185793	SA92-335	0:55:00.00	+00:44:13.0	J2000.00	1.133	179.7	05:16:26.3	10.1	i	Sloan	1	1 x 1
185797	SA92-335	0:54:59.99	+00:44:13.0	J2000.00	1.133	179.7	05:19:38.5	10.1	z	Gunn	1	1 x 1
185801	Bias frame	0:55:00.00	+00:44:13.0	J2000.00	1.133	179.7	05:22:55.7	0.0	z	Gunn	1	1 x 1
185805	Bias frame	0:55:00.00	+00:44:12.9	J2000.00	1.133	179.7	05:25:48.9	0.0	z	Gunn	1	1 x 1
185809	Bias frame	0:00:00.00	+00:00:00.0	J2000.00	1.285	179.7	05:37:43.9	0.0	g	Sloan	1	1 x 1
185813	Flat field	4:10:00.00	-00:10:00.0	J2000.00	1.536	179.7	05:47:13.3	91.7	g	Sloan	1	1 x 1
185817	Flat field	4:10:00.66	-00:09:50.0	J2000.00	1.510	179.7	05:52:08.6	41.5	g	Sloan	1	1 x 1
185825	Flat field	4:10:01.33	-00:09:39.9	J2000.00	1.477	179.7	05:58:19.7	12.4	g	Sloan	1	1 x 1
185829	Flat field	4:10:02.00	-00:09:30.0	J2000.00	1.460	179.7	06:01:43.6	4.9	g	Sloan	1	1 x 1
185833	Flat field	4:10:02.00	-00:09:30.0	J2000.00	1.441	179.7	06:05:24.7	17.2	U	RGO	1	1 x 1
185837	Flat field	4:10:02.00	-00:09:29.9	J2000.00	1.422	179.7	06:09:37.9	5.9	U	RGO	1	1 x 1
185841	Flat field	21:59:59.99	+40:10:00.0	J2000.00	1.474	179.7	06:12:54.6	3.7	U	RGO	1	1 x 1
185845	Bias frame	21:59:59.99	+40:09:59.9	J2000.00	1.491	179.7	06:16:04.5	0.0	U	RGO	1	1 x 1
185849	Bias frame	21:59:59.99	+40:09:59.9	J2000.00	1.507	179.7	06:18:57.8	0.0	U	RGO	1	1 x 1