INT OBSERVING LOG (ISAAC NEWTON GROUP, LA PALMA)

TELESCOPE: INT
DATE: 20020208
TAPE NR:
OBSERVER: Greimel, Exter, Wright
PROGRAMME: WFS LGC
PATT/CAT REF.: WFS4
TELESCOPE OPERATOR: none
SUPPORT ASTRONOMER: R. Greimel

TELESCOPE FOCUS: 43.95 mm
CALIBRATE RESULTS: not specified

INSTRUMENT: WFC

WFC FILTER WHEEL: g,r,i,HE2,SII,stY

WEATHER: (1st half) fair
(2nd half) poor
CLOUD COVER (%): (1st half) 80
(2nd half) 0
DUST (0-2): (1st half) 0
(2nd half) 0
SEEING (arcsec): (1st half) 1.2
(2nd half) 2.0

DOME OPENED (UT): 18:15

METEOROLOGICAL PARAMETERS

LT	AirT	Hum%	Wspd	Gust	Wdir	Press	LocT	IntT	Mirr	LocRH	IntRH
20:00	10.1	27	17.5	18.8	126	771.5	10.3	11.2	11.9	26	24
21:00	9.3	32	14.1	15.3	140	771.8	9.5	10.9	11.6	30	26
22:00	10.0	24	20.9	23.1	133	771.7	10.3	11.1	12.0	22	20
23:00	9.3	26	22.3	29.1	156	771.6	9.6	10.7	11.8	24	21
00:00	8.8	27	19.0	20.4	137	771.7	9.2	10.1	11.8	25	22
01:00	8.2	26	35.0	36.2	151	770.8	8.4	9.4	11.1	25	22
02:00	7.6	29	41.2	43.2	137	770.5	7.8	8.7	10.6	27	24
03:00	5.7	48	62.4	69.2	158	769.4	5.6	7.1	9.6	50	44
04:00	5.0	35	58.7	63.7	144	769.2	5.3	6.5	9.3	37	31
05:00	5.2	34	70.0	77.5	151	769.1	5.5	7.1	9.9	32	27
06:00	5.0	41	67.7	74.6	164	769.3	5.3	7.1	10.0	40	33

SUNSET(UT) 19:03
EVENING TWILIGHT(UT) 20:16
MORNING TWILIGHT(UT) 06:35
SUNRISE(UT) 07:48
MOON'S QUARTER (1-4) 4
DISK % OF ILLUM. 10
DARK TIME 10:19
TWILIGHT TIME 02:26
MOONRISE(UT) 05:54
MOONSET(UT) No moonset within sunset-sunrise

TIME LOST(WEATHER): 02:45
TIME LOST(TECHNICAL): 00:20
TIME LOST(OTHER): 00:00

COMMENTS:
Thin high clouds nearly all over the sky at the beginning of the night.
Seeing slowly degraded over the course of the night.
High wind and increased cloud cover in the second part of the night.

Run no.	Object name	RA	Dec.	Equinox	AM	PA	UT	Exp. T.	Filter	Psys	Channel	Binning	Comments
293888	Bias frame	0:00:00.00	+00:00:00.0	A	1.143	180.0	13:39:47.6	0.0	r	Sloan		1 x 1	
293889	Bias frame	0:00:00.00	+00:00:00.0	A	1.143	180.0	13:47:11.4	0.0		ubvy		1 x 1	
293890	test	0:00:00.00	+00:00:00.0	A	1.143	180.0	14:02:30.7	10.1	r	Sloan		1 x 1	
293891	test	0:00:00.00	+00:00:00.0	A	1.000	180.0	14:49:30.0	10.1	i	Sloan		1 x 1	
293892	test	2:58:00.00	-00:06:00.0	J2000.00	1.142	180.0	19:02:23.9	1.0	HeII4686	Narrow-ban		1 x 1	
293893	test	2:58:00.00	-00:06:00.0	J2000.00	1.143	180.0	19:05:36.0	1.5	HeII4686	Narrow-ban		1 x 1	
293894	HeHe	2:58:00.00	-00:05:59.9	J2000.00	1.143	180.0	19:07:31.2	1.0	HeII4686	Narrow-ban		1 x 1	
293895	HeHe	2:58:00.00	-00:05:59.9	J2000.00	1.143	180.0	19:08:30.9	1.0	HeII4686	Narrow-ban		1 x 1	
293896	HeHe	2:58:00.66	-00:05:49.9	J2000.00	1.144	180.0	19:09:33.5	1.4	HeII4686	Narrow-ban		1 x 1	shutter prob?
293897	HeHe	2:57:59.33	-00:06:09.9	J2000.00	1.144	180.0	19:10:48.8	5.1	HeII4686	Narrow-ban		1 x 1	
293898	SII	2:57:59.33	-00:06:09.9	J2000.00	1.145	180.0	19:12:12.7	1.0	[SII]672	Narrow ban		1 x 1	
293899	SII	2:57:59.33	-00:06:09.9	J2000.00	1.145	180.0	19:13:18.2	4.1	[SII]672	Narrow ban		1 x 1	
293900	SII	2:58:00.00	-00:05:59.9	J2000.00	1.146	180.0	19:14:25.7	8.1	[SII]672	Narrow ban		1 x 1	
293901	SII	2:57:59.33	-00:06:10.0	J2000.00	1.146	180.0	19:15:45.0	12.1	[SII]672	Narrow ban		1 x 1	
293902	stY	2:58:00.66	-00:05:50.0	J2000.00	1.147	180.0	19:17:09.6	10.1		ubvy		1 x 1	
293903	stY	2:57:59.99	-00:05:59.9	J2000.00	1.148	180.0	19:18:24.4	15.1		ubvy		1 x 1	
293904	stY	2:57:59.33	-00:06:10.0	J2000.00	1.148	180.0	19:19:49.7	15.1		ubvy		1 x 1	
293905	gtest	2:57:59.33	-00:06:10.0	J2000.00	1.150	180.0	19:22:02.3	1.5	g	Sloan		1 x 1	
293906	g	2:57:59.33	-00:06:10.0	J2000.00	1.150	180.0	19:23:06.7	3.1	g	Sloan		1 x 1	
293907	g	2:58:00.00	-00:06:00.0	J2000.00	1.151	180.0	19:24:07.5	5.1	g	Sloan		1 x 1	
293908	r	2:58:00.66	-00:05:49.9	J2000.00	1.152	180.0	19:25:11.4	4.6	r	Sloan		1 x 1	
293909	r	2:57:59.99	-00:06:00.0	J2000.00	1.152	180.0	19:26:20.6	12.1	r	Sloan		1 x 1	
293910	r	2:57:59.33	-00:06:10.0	J2000.00	1.153	180.0	19:27:34.3	20.1	r	Sloan		1 x 1	
293911	i	2:57:59.33	-00:06:10.0	J2000.00	1.154	180.0	19:29:00.5	20.1	i	Sloan		1 x 1	
293912	i	2:58:00.00	-00:05:59.9	J2000.00	1.156	180.0	19:30:31.0	30.1	i	Sloan		1 x 1	
293913	i	2:58:00.66	-00:05:49.9	J2000.00	1.157	180.0	19:32:10.6	40.0	i	Sloan		1 x 1	
293914	i	2:58:00.66	-00:05:49.9	J2000.00	1.159	180.0	19:33:56.3	80.0	i	Sloan		1 x 1	
293915	Bias	0:00:00.00	+00:00:00.0	J2000.00	1.138	180.0	19:37:14.4	0.0	i	Sloan		1 x 1	
293916	Bias	3:54:31.00	+00:29:04.8	J2000.00	1.137	180.0	19:37:53.8	0.0	[SII]672	Narrow ban		1 x 1	
293917	Bias	3:54:31.00	+00:29:04.9	J2000.00	1.137	180.0	19:38:33.3	0.0	[SII]672	Narrow ban		1 x 1	
293918	Focus run	3:54:30.99	+00:31:35.1	J2000.00	1.135	180.0	19:45:15.5	10.1	g	Sloan		1 x 1	
293919	IC10 He2	0:20:00.00	+59:17:34.0	J2000.00	1.526	180.0	19:56:10.3	1199.3	HeII4686	Narrow-ban		1 x 1	seeing 1.3
293920	IC10 He2	0:20:00.00	+59:17:34.0	J2000.00	1.614	180.0	20:17:24.5	1198.9	HeII4686	Narrow-ban		1 x 1	
293921	IC10 He2	0:20:00.00	+59:17:34.0	J2000.00	1.718	180.0	20:38:37.2	1199.4	HeII4686	Narrow-ban		1 x 1	
293922	IC10 SII	0:19:59.98	+59:17:33.8	J2000.00	1.847	180.0	21:00:41.4	1199.3	[SII]672	Narrow ban		1 x 1	
293923	IC10 SII	0:20:00.00	+59:17:33.9	J2000.00	2.007	180.0	21:23:27.8	1199.2	[SII]672	Narrow ban		1 x 1	
293924	IC10 SII	0:20:00.00	+59:17:34.0	J2000.00	2.198	180.0	21:45:53.6	1198.9	[SII]672	Narrow ban		1 x 1	
293925	M33b r	1:33:37.00	+30:24:00.0	J2000.00	2.070	180.0	22:13:06.2	399.8	r	Sloan		1 x 1	~1.4" seeing
293926	M33b r	1:33:37.00	+30:24:00.0	J2000.00	2.180	180.0	22:20:55.3	399.9	r	Sloan		1 x 1	
293927	M33b r	1:33:37.00	+30:24:00.0	J2000.00	2.305	180.0	22:28:44.6	399.3	r	Sloan		1 x 1	
293928	M33b i	1:33:36.98	+30:23:59.6	J2000.00	2.454	180.0	22:36:60.3	399.9	i	Sloan		1 x 1	
293929	M33b i	1:33:37.00	+30:24:00.1	J2000.00	2.617	180.0	22:44:50.6	399.8	i	Sloan		1 x 1	
293930	M33b i	1:33:37.00	+30:24:00.1	J2000.00	2.760	180.0	22:52:39.8	199.4	i	Sloan		1 x 1	
293931	SexA SII	10:11:05.99	-04:42:29.9	J2000.00	1.664	180.0	23:05:32.8	1199.2	[SII]672	Narrow ban		1 x 1	
293932	SexA SII	10:11:05.99	-04:42:30.0	J2000.00	1.532	180.0	23:26:42.9	1199.4	[SII]672	Narrow ban		1 x 1	
293933	SexA SII	10:11:05.99	-04:42:30.0	J2000.00	1.430	180.0	23:47:55.0	1199.5	[SII]672	Narrow ban		1 x 1	
293934	SexA HE2	10:11:06.00	-04:42:30.0	J2000.00	1.344	180.0	00:11:57.2	1199.2	HeII4686	Narrow-ban		1 x 1	
293935	SexA HE2	10:11:06.00	-04:42:29.8	J2000.00	1.288	180.0	00:33:06.9	1199.2	HeII4686	Narrow-ban		1 x 1	
293936	SexA HE2	10:11:05.99	-04:42:29.9	J2000.00	1.247	180.0	00:54:16.1	1199.4	HeII4686	Narrow-ban		1 x 1	
293937	N3109 HE2	10:03:07.00	-26:09:29.9	J2000.00	1.759	180.0	01:18:34.1	1199.3	HeII4686	Narrow-ban		1 x 1	~1.4" seeing
293938	N3109 HE2	10:03:07.00	-26:09:30.1	J2000.00	1.739	180.0	01:39:43.4	1198.8	HeII4686	Narrow-ban		1 x 1	
293939	N3109 HE2	10:03:06.99	-26:09:29.9	J2000.00	1.741	180.0	02:00:52.7	1199.3	HeII4686	Narrow-ban	1	1 x 1	
293940	N3109 SII	10:03:06.99	-26:09:29.9	J2000.00	1.767	180.0	02:24:26.4	1199.4	[SII]672	Narrow ban	1	1 x 1	
293941	N3109 SII	10:03:07.00	-26:09:30.1	J2000.00	1.820	180.0	02:47:46.2	1199.3	[SII]672	Narrow ban	1	1 x 1	~1.9 seeing
293942	N3109 SII	10:03:07.00	-26:09:29.7	J2000.00	1.895	180.0	03:08:56.5	1199.4	[SII]672	Narrow ban	1	1 x 1	~2 seeing -
293943	Bias	10:11:06.00	-04:42:30.0	J2000.00	1.470	180.0	04:24:42.7	0.0	HeII4686	Narrow-ban	1	1 x 1	
293944	Bias	10:11:06.00	-04:42:29.9	J2000.00	1.473	180.0	04:25:21.8	0.0	HeII4686	Narrow-ban	1	1 x 1	
293945	Bias	10:11:05.99	-04:42:30.0	J2000.00	1.476	180.0	04:26:00.9	0.0	HeII4686	Narrow-ban	1	1 x 1	
293946	Bias	10:11:05.99	-04:42:30.0	J2000.00	1.479	180.0	04:26:39.9	0.0	HeII4686	Narrow-ban	1	1 x 1	

293947	Bias	10:11:06.00	-04:42:30.0	J2000.00	1.482	180.0	04:27:18.9	0.0	HeII4686	Narrow-ban	1	1	x	1
293948	Bias	10:11:05.99	-04:42:29.9	J2000.00	1.485	180.0	04:27:57.9	0.0	HeII4686	Narrow-ban	1	1	x	1
293949	Bias	10:11:05.99	-04:42:29.9	J2000.00	1.488	180.0	04:28:37.0	0.0	HeII4686	Narrow-ban	1	1	x	1
293950	Bias	10:11:06.00	-04:42:30.0	J2000.00	1.491	180.0	04:29:15.9	0.0	HeII4686	Narrow-ban	1	1	x	1
293951	Bias	10:11:06.00	-04:42:30.0	J2000.00	1.495	180.0	04:29:55.3	0.0	HeII4686	Narrow-ban	1	1	x	1