INT OBSERVING LOG (ISAAC NEWTON GROUP, LA PALMA)

TELESCOPE: INT
DATE: 20010822
TAPE NR:
OBSERVER: P. Groot
PROGRAMME: The faint sky variability survey
PATT/CAT REF.: WFS01
TELESCOPE OPERATOR: none
SUPPORT ASTRONOMER: C. Benn

TELESCOPE FOCUS: 43.90 mm
CALIBRATE RESULTS: not specified

INSTRUMENT: WFC

WFC FILTER WHEEL: B,V,r,I,i,Z

WEATHER: (1st half) good
(2nd half) good
CLOUD COVER (%): (1st half) 0
(2nd half) 0
DUST (0-2): (1st half) 0
(2nd half) 0
SEEING (arcsec): (1st half) 1.2
(2nd half) 1.2

DOME OPENED (UT): 19:45

METEOROLOGICAL PARAMETERS

LT	AirT	Hum%	Wspd	Gust	Wdir	Press	LocT	IntT	Mirr	LocRH	IntRH
20:00	17.7	12	5.0	7.1	243	774.1	17.2	18.3	17.9	11	11
21:00	16.5	12	6.5	9.2	111	774.5	17.1	18.2	18.1	10	9
22:00	16.1	11	7.1	13.0	176	775.0	17.5	17.7	18.0	9	9
23:00	16.5	10	5.5	6.7	91	775.5	17.6	17.6	18.1	9	9
00:00	15.2	9	4.9	6.8	271	775.5	16.6	17.2	17.8	7	8
01:00	15.1	10	2.5	3.6	93	775.3	16.9	17.1	17.6	8	9
02:00	15.5	10	0.9	3.3	100	775.0	16.8	17.0	17.7	8	9
03:00	15.8	9	6.8	9.4	101	774.8	17.3	17.1	17.6	7	8
04:00	15.3	10	5.3	8.6	53	774.5	16.8	17.1	17.5	8	8
05:00	14.4	11	3.7	4.3	116	774.4	16.6	16.7	17.5	8	9
06:00	14.6	12	2.4	3.3	21	774.0	16.4	16.6	17.3	10	10

SUNSET(UT) 19:52
EVENING TWILIGHT(UT) 21:08
MORNING TWILIGHT(UT) 05:22
SUNRISE(UT) 06:37
MOON'S QUARTER (1-4) 1
DISK % OF ILLUM. 21
DARK TIME 08:14
TWILIGHT TIME 02:31
MOONRISE(UT) No moonrise within sunset-sunrise
MOONSET(UT) 22:36

TIME LOST(WEATHER): 00:00
TIME LOST(TECHNICAL): 00:00
TIME LOST(OTHER): 00:00

Run no.	Object name	RA	Dec.	Equinox	AM	PA	UT	Exp. T.	Filter	Psys	Channel	Binning	Comments
277160	Bias frame	0:00:00.00	+00:00:00.0	J2000.00	1.000	180.0	13:21:32.3	0.0	B	Harris	1	1 x 1	

277161	Skyflat B 1s	17:00:00.00	+41:00:00.0	J2000.00	1.023	180.0	20:01:22.4	2.2	B	Harris	1	1 x 1
277162	Skyflat B 1s	16:59:59.99	+41:00:00.0	J2000.00	1.023	180.0	20:02:40.4	1.2	B	Harris	1	1 x 1
277163	Skyflat B 1.5s	17:00:00.00	+40:59:59.9	J2000.00	1.023	180.0	20:03:52.6	1.1	B	Harris	1	1 x 1
277164	Skyflat B 1.5s	16:59:59.99	+40:59:59.9	J2000.00	1.023	180.0	20:05:00.4	1.6	B	Harris	1	1 x 1
277165	Skyflat B 3s	17:00:01.76	+41:00:19.9	J2000.00	1.023	180.0	20:05:58.0	3.1	B	Harris	1	1 x 1
277166	Skyflat B 5s	17:00:03.53	+41:00:39.9	J2000.00	1.023	180.0	20:06:58.0	5.1	B	Harris	1	1 x 1
277167	Skyflat V 5s	17:00:03.53	+41:00:40.0	J2000.00	1.023	180.0	20:08:03.3	5.1	V	Harris	1	1 x 1
277168	Skyflat V 7s	17:00:01.76	+41:00:19.9	J2000.00	1.023	180.0	20:09:09.7	7.1	V	Harris	1	1 x 1
277169	Skyflat V 10s	17:00:00.00	+41:00:00.0	J2000.00	1.023	180.0	20:10:15.5	10.1	V	Harris	1	1 x 1
277170	Skyflat V 15s	16:59:58.23	+40:59:39.9	J2000.00	1.023	180.0	20:11:37.5	15.1	V	Harris	1	1 x 1
277171	Skyflat V 22s	16:59:56.46	+40:59:19.9	J2000.00	1.023	180.0	20:12:53.8	22.1	V	Harris	1	1 x 1
277172	Skyflat I 15s	16:59:56.46	+40:59:20.0	J2000.00	1.024	180.0	20:14:14.8	15.1	I	INT-WFC	1	1 x 1
277173	Skyflat I 22s	16:59:58.23	+40:59:39.9	J2000.00	1.024	180.0	20:15:30.2	22.1	I	INT-WFC	1	1 x 1
277174	Skyflat I 35s	16:59:59.99	+41:00:00.1	J2000.00	1.024	180.0	20:16:56.5	35.1	I	INT-WFC	1	1 x 1
277175	Skyflat I 50s	17:00:01.76	+41:00:20.0	J2000.00	1.024	180.0	20:18:27.8	50.0	I	INT-WFC	1	1 x 1
277176	Skyflat I 80s	17:00:03.53	+41:00:40.0	J2000.00	1.025	180.0	20:20:17.4	80.0	I	INT-WFC	1	1 x 1
277177	Focus run	18:43:09.00	-00:08:50.0	J2000.00	1.224	180.0	20:26:52.7	10.1	V	Harris	1	1 x 1
277178	Focus run	18:43:09.00	-00:08:49.8	J2000.00	1.211	180.0	20:33:38.9	10.1	V	Harris	1	1 x 1
277179	f_75 V	18:32:39.99	+35:24:59.9	J2000.00	1.028	180.0	20:39:30.4	599.4	V	Harris	1	1 x 1
277180	f_74 V	18:33:29.99	+36:35:00.0	J2000.00	1.023	180.0	20:51:31.5	599.6	V	Harris	1	1 x 1
277181	f_73 V	18:33:00.00	+36:00:00.0	J2000.00	1.015	180.0	21:03:42.4	599.5	V	Harris	1	1 x 1
277182	f_72 V	18:30:00.00	+35:59:59.9	J2000.00	1.010	180.0	21:15:48.3	599.6	V	Harris	1	1 x 1
277183	f_75 V	18:32:40.00	+35:25:00.0	J2000.00	1.007	180.0	21:28:01.0	598.9	V	Harris	1	1 x 1
277184	f_74 V	18:33:30.00	+36:34:59.9	J2000.00	1.010	180.0	21:40:02.4	599.4	V	Harris	1	1 x 1
277185	f_73 V	18:33:00.00	+35:59:59.9	J2000.00	1.010	180.0	21:52:02.0	599.8	V	Harris	1	1 x 1
277186	f_72 V	18:30:00.00	+36:00:00.0	J2000.00	1.015	180.0	22:04:02.4	599.7	V	Harris	1	1 x 1
277187	Focus run	18:30:00.00	+36:02:30.1	J2000.00	1.020	180.0	22:18:38.6	9.6	V	Harris	1	1 x 1
277188	f_75 V	18:32:40.00	+35:24:59.9	J2000.00	1.025	180.0	22:24:27.2	599.5	V	Harris	1	1 x 1
277189	f_74 V	18:33:30.00	+36:35:00.1	J2000.00	1.036	180.0	22:36:29.0	599.1	V	Harris	1	1 x 1
277190	f_73 V	18:33:00.00	+36:00:00.0	J2000.00	1.049	180.0	22:50:36.7	599.6	V	Harris	1	1 x 1
277191	f_72 V	18:30:00.00	+36:00:00.0	J2000.00	1.068	180.0	23:02:38.1	599.4	V	Harris	1	1 x 1
277192	f_75 V	18:32:40.00	+35:25:00.1	J2000.00	1.081	180.0	23:14:48.4	599.4	V	Harris	1	1 x 1
277193	f_74 V	18:33:29.99	+36:34:59.9	J2000.00	1.101	180.0	23:26:49.6	599.5	V	Harris	1	1 x 1
277194	f_73 V	18:33:00.00	+36:00:00.1	J2000.00	1.124	180.0	23:38:51.4	599.4	V	Harris	1	1 x 1
277195	f_72 V	18:30:00.00	+35:59:59.9	J2000.00	1.157	180.0	23:50:53.0	599.4	V	Harris	1	1 x 1
277196	f_79 V	23:50:20.00	+28:19:59.8	J2000.00	1.234	180.0	00:07:02.6	599.0	V	Harris	1	1 x 1
277197	f_78 V	23:47:39.99	+28:10:00.1	J2000.00	1.189	180.0	00:19:03.6	598.9	V	Harris	1	1 x 1
277198	f_76 V	23:42:23.50	+28:10:00.0	J2000.00	1.143	180.0	00:31:04.4	599.5	V	Harris	1	1 x 1
277199	f_79 V	23:50:20.00	+28:19:59.9	J2000.00	1.133	180.0	00:43:06.5	599.5	V	Harris	1	1 x 1
277200	f_77 V	23:44:54.99	+28:09:59.9	J2000.00	1.097	180.0	00:55:06.7	599.0	V	Harris	1	1 x 1
277201	f_76 V	23:42:23.49	+28:10:00.1	J2000.00	1.072	180.0	01:07:08.7	599.4	V	Harris	1	1 x 1
277202	f_77 V	23:44:55.00	+28:09:59.9	J2000.00	1.058	180.0	01:19:11.2	599.6	V	Harris	1	1 x 1
277203	f_79 V	23:50:19.99	+28:19:59.8	J2000.00	1.049	180.0	01:31:12.0	599.5	V	Harris	1	1 x 1
277204	f_78 V	23:47:40.00	+28:10:00.0	J2000.00	1.031	180.0	01:44:37.8	599.3	V	Harris	1	1 x 1
277205	f_77 V	23:44:55.00	+28:10:00.0	J2000.00	1.018	180.0	01:56:39.6	599.6	V	Harris	1	1 x 1
277206	f_76 V	23:42:23.49	+28:09:59.9	J2000.00	1.009	180.0	02:08:39.5	599.3	V	Harris	1	1 x 1
277207	f_78 V	23:47:39.99	+28:10:00.0	J2000.00	1.006	180.0	02:20:42.6	599.4	V	Harris	1	1 x 1
277208	f_78 V	23:47:40.00	+28:10:00.0	J2000.00	1.002	180.0	02:32:07.8	599.6	V	Harris	1	1 x 1
277209	f_79 V	23:50:20.00	+28:19:59.9	J2000.00	1.000	180.0	02:44:09.8	599.4	V	Harris	1	1 x 1
277210	f_76 V	23:42:23.50	+28:09:59.8	J2000.00	1.001	180.0	02:56:10.8	599.4	V	Harris	1	1 x 1
277211	f_77 V	23:44:54.99	+28:09:59.9	J2000.00	1.004	180.0	03:08:12.3	599.5	V	Harris	1	1 x 1
277212	M31-microfld1	0:44:00.00	+41:34:00.0	J2000.00	1.030	180.0	03:21:20.9	319.8	r	Sloan	1	1 x 1
277213	M31-microfld1	0:44:00.00	+41:33:59.9	J2000.00	1.028	180.0	03:27:58.4	319.7	r	Sloan	1	1 x 1
277214	M31-microfld1	0:43:59.99	+41:33:59.9	J2000.00	1.026	180.0	03:34:37.2	319.8	i	Sloan	1	1 x 1
277215	M31-microfld1	0:44:00.00	+41:33:59.9	J2000.00	1.026	180.0	03:41:16.8	319.8	i	Sloan	1	1 x 1
277216	M31-microfld2	0:43:09.98	+40:58:15.1	J2000.00	1.023	180.0	03:48:57.7	319.3	r	Sloan	1	1 x 1
277217	M31-microfld2	0:43:10.00	+40:58:14.9	J2000.00	1.024	180.0	03:55:37.4	319.7	r	Sloan	1	1 x 1
277218	M31-microfld2	0:43:10.00	+40:58:15.0	J2000.00	1.025	180.0	04:02:16.0	319.8	i	Sloan	1	1 x 1
277219	M31-microfld2	0:43:10.00	+40:58:14.9	J2000.00	1.027	180.0	04:09:02.3	319.8	i	Sloan	1	1 x 1
277220	f_78 V	23:47:40.00	+28:10:00.0	J2000.00	1.063	180.0	04:18:12.3	599.5	V	Harris	1	1 x 1
277221	f_77 V	23:44:55.00	+28:09:59.9	J2000.00	1.086	180.0	04:30:14.6	598.9	V	Harris	1	1 x 1
277222	f_76 V	23:42:23.50	+28:09:59.9	J2000.00	1.114	180.0	04:42:16.1	599.3	V	Harris	1	1 x 1

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277223 f_79 V              23:50:20.00 +28:19:59.9 J2000.00 1.123 180.0 04:54:17.7    599.1         V     Harris    1       1 x 1
277224 f_78 V              23:47:40.00 +28:10:00.0 J2000.00 1.158 180.0 05:06:20.0    599.3         V     Harris    1       1 x 1
277225 f_77 V              23:44:54.99 +28:09:59.9 J2000.00 1.199 180.0 05:18:21.2    599.5         V     Harris    1       1 x 1
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