INT OBSERVING LOG (ISAAC NEWTON GROUP, LA PALMA)

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TELESCOPE:            INT
DATE:                 20010825
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) 1
                      (2nd half) 1
SEEING (arcsec):      (1st half) 0.9
                      (2nd half) 0.9

DOME OPENED (UT):     18:30
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METEOROLOGICAL PARAMETERS

LT	AirT	Hum%	Wspd	Gust	Wdir	Press	LocT	IntT	Mirr	LocRH	IntRH
05:00	13.6	9	25.9	26.6	345	772.6	14.0	14.7	15.7	8	9
06:00	13.6	10	27.2	29.4	350	772.4	13.9	14.2	15.4	8	10

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SUNSET(UT)            19:49
EVENING TWILIGHT(UT)  21:04
MORNING TWILIGHT(UT)  05:24
SUNRISE(UT)           06:39
MOON'S QUARTER (1-4)  2
DISK % OF ILLUM.      52
DARK TIME             08:20
TWILIGHT TIME         02:30
MOONRISE(UT)          No moonrise within sunset-sunrise
MOONSET(UT)           00:34

TIME LOST(WEATHER):   00:00
TIME LOST(TECHNICAL): 00:00
TIME LOST(OTHER):     00:00
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Run no.	Object name	RA	Dec.	Equinox	AM	PA	UT	Exp. T.	Filter	Psys Channel	Binning	Comments
277384	Bias frame	0:00:00.00	+00:00:00.0	A	4.687	180.0	13:45:25.9	0.0	V	Harris	1 x 1	
277385	Bias	0:00:00.00	+00:00:00.0	A	4.688	180.0	16:29:57.6	0.0	i	Sloan	1 x 1	
277386	Bias	0:00:00.00	+00:00:00.0	A	4.688	180.0	16:30:37.7	0.0	i	Sloan	1 x 1	
277387	Bias	0:00:00.00	+00:00:00.0	A	4.688	180.0	16:31:17.3	0.0	i	Sloan	1 x 1	
277388	Bias	0:00:00.00	+00:00:00.0	A	4.688	180.0	16:31:56.9	0.0	i	Sloan	1 x 1	
277389	Bias	0:00:00.00	+00:00:00.0	A	4.688	180.0	16:32:36.4	0.0	i	Sloan	1 x 1	
277390	Bias	0:00:00.00	+00:00:00.0	A	4.688	180.0	16:33:15.7	0.0	i	Sloan	1 x 1	
277391	Bias	0:00:00.00	+00:00:00.0	A	4.688	180.0	16:33:54.7	0.0	i	Sloan	1 x 1	
277392	Bias	0:00:00.00	+00:00:00.0	A	4.688	180.0	16:34:33.8	0.0	i	Sloan	1 x 1	
277393	Bias	0:00:00.00	+00:00:00.0	A	4.688	180.0	16:35:13.1	0.0	i	Sloan	1 x 1	

277394	Bias	0:00:00.00	+00:00:00.0	A	4.688	180.0	16:35:52.7	0.0	i	Sloan	1 x 1
277395	Skyflat B 1s	17:00:00.00	+41:00:00.1	J2000.00	1.023	180.0	19:59:55.4	2.1	B	Harris	1 x 1
277396	Skyflat B 1.5s	16:59:59.99	+40:59:59.9	J2000.00	1.023	180.0	20:01:08.0	1.6	B	Harris	1 x 1
277397	Skyflat B 3s	17:00:00.00	+40:59:59.9	J2000.00	1.024	180.0	20:02:05.9	3.1	B	Harris	1 x 1
277398	Skyflat B 5s	17:00:01.76	+41:00:19.9	J2000.00	1.024	180.0	20:03:05.3	5.1	B	Harris	1 x 1
277399	Skyflat B 5s	17:00:03.53	+41:00:40.0	J2000.00	1.024	180.0	20:04:10.7	4.6	B	Harris	1 x 1
277400	Skyflat V 5s	17:00:03.53	+41:00:40.0	J2000.00	1.024	180.0	20:05:12.4	5.1	V	Harris	1 x 1
277401	Skyflat V 7s	17:00:01.76	+41:00:19.9	J2000.00	1.024	180.0	20:06:20.7	6.6	V	Harris	1 x 1
277402	Skyflat V 10s	16:59:59.99	+41:00:00.0	J2000.00	1.024	180.0	20:07:26.7	9.6	V	Harris	1 x 1
277403	Skyflat V 17s	16:59:58.23	+40:59:39.9	J2000.00	1.024	180.0	20:08:35.9	17.1	V	Harris	1 x 1
277404	Skyflat V 25s	16:59:56.46	+40:59:20.0	J2000.00	1.025	180.0	20:09:55.0	25.1	V	Harris	1 x 1
277405	Skyflat I 20s	16:59:56.46	+40:59:19.9	J2000.00	1.025	180.0	20:11:17.3	20.1	I	INT-WFC	1 x 1
277406	Skyflat I 30s	16:59:58.23	+40:59:40.0	J2000.00	1.025	180.0	20:12:41.5	30.1	I	INT-WFC	1 x 1
277407	Skyflat I 45s	17:00:00.00	+41:00:00.0	J2000.00	1.026	180.0	20:14:19.2	45.1	I	INT-WFC	1 x 1
277408	Skyflat I 70s	17:00:01.76	+41:00:20.0	J2000.00	1.026	180.0	20:16:02.2	70.0	I	INT-WFC	1 x 1
277409	Skyflat I 100s	17:00:03.53	+41:00:39.9	J2000.00	1.027	180.0	20:18:09.5	100.0	I	INT-WFC	1 x 1
277410	Focus run	18:43:08.99	-00:08:49.8	J2000.00	1.203	180.0	20:25:53.8	10.1	V	Harris	1 x 1
277411	sa110-364 V	18:43:08.99	-00:11:20.2	J2000.00	1.193	180.0	20:30:51.6	19.6	V	Harris	1 x 1
277412	sa110-364 B	18:43:08.99	-00:11:19.9	J2000.00	1.190	180.0	20:32:18.5	50.1	B	Harris	1 x 1
277413	sa110-364 I	18:43:09.00	-00:11:20.0	J2000.00	1.188	180.0	20:34:15.0	20.1	I	INT-WFC	1 x 1
277414	sa110-364 V	18:43:09.00	-00:11:19.9	J2000.00	1.185	180.0	20:36:05.2	20.1	V	Harris	1 x 1
277415	sa110-364 B	18:43:09.00	-00:11:19.9	J2000.00	1.183	180.0	20:37:36.7	50.1	B	Harris	1 x 1
277416	sa110-364 I	18:43:09.00	-00:11:20.0	J2000.00	1.180	180.0	20:39:33.0	20.1	I	INT-WFC	1 x 1
277417	sa110-364 V	18:43:09.00	-00:11:20.0	J2000.00	1.178	180.0	20:41:10.7	20.1	V	Harris	1 x 1
277418	sa110-364 B	18:43:09.00	-00:11:19.9	J2000.00	1.176	180.0	20:42:39.1	50.1	B	Harris	1 x 1
277419	sa110-364 I	18:43:09.00	-00:11:19.9	J2000.00	1.174	180.0	20:44:34.0	20.1	I	INT-WFC	1 x 1
277420	sa110-364 V	18:43:09.00	-00:11:20.1	J2000.00	1.172	180.0	20:46:07.3	20.1	V	Harris	1 x 1
277421	sa110-364 B	18:43:09.00	-00:11:19.9	J2000.00	1.170	180.0	20:47:35.5	50.1	B	Harris	1 x 1
277422	sa110-364 I	18:43:09.00	-00:11:20.0	J2000.00	1.168	180.0	20:49:29.6	19.6	I	INT-WFC	1 x 1
277423	ngc6440 V	17:48:52.66	-20:21:34.5	J2000.00	1.528	180.0	20:52:55.0	299.9	V	Harris	1 x 1
277424	ngc6440 B	17:48:52.67	-20:21:34.3	J2000.00	1.532	180.0	20:59:14.9	299.7	B	Harris	1 x 1
277425	ngc6440 I	17:48:52.67	-20:21:34.6	J2000.00	1.537	180.0	21:05:35.8	299.8	I	INT-WFC	1 x 1
277426	f_75 V	18:32:40.00	+35:24:59.9	J2000.00	1.007	180.0	21:13:59.3	599.4	V	Harris	1 x 1
277427	f_75 V	18:32:39.99	+35:24:59.9	J2000.00	1.007	180.0	21:25:24.9	599.5	V	Harris	1 x 1
277428	f_75 V	18:32:39.99	+35:25:00.0	J2000.00	1.008	180.0	21:36:50.8	599.4	V	Harris	1 x 1
277429	f_74 V	18:33:29.99	+36:34:59.9	J2000.00	1.014	180.0	21:48:52.0	599.4	V	Harris	1 x 1
277430	f_73 V	18:33:00.00	+35:59:59.9	J2000.00	1.018	180.0	22:00:53.9	599.4	V	Harris	1 x 1
277431	_f73 V	18:32:59.99	+35:59:59.9	J2000.00	1.026	180.0	22:12:53.8	599.5	V	Harris	1 x 1
277432	f_73 V	18:33:00.00	+36:00:00.0	J2000.00	1.035	180.0	22:24:54.3	599.4	V	Harris	1 x 1
277433	f_73 V	18:33:00.00	+36:00:00.0	J2000.00	1.046	180.0	22:36:22.8	599.5	V	Harris	1 x 1
277434	f_72 V	18:30:00.00	+36:00:00.0	J2000.00	1.064	180.0	22:48:23.6	599.5	V	Harris	1 x 1
277435	f_72 V	18:30:00.00	+35:59:59.9	J2000.00	1.082	180.0	23:00:43.9	599.5	V	Harris	1 x 1
277436	f_72 V	18:30:00.00	+35:59:59.9	J2000.00	1.101	180.0	23:12:12.2	599.3	V	Harris	1 x 1
277437	f_74 V	18:33:29.99	+36:34:59.9	J2000.00	1.118	180.0	23:24:14.3	599.3	V	Harris	1 x 1
277438	f_74 V	18:33:30.00	+36:34:59.9	J2000.00	1.142	180.0	23:35:40.4	599.4	V	Harris	1 x 1
277439	f_75 V	18:32:40.00	+35:24:59.8	J2000.00	1.171	180.0	23:47:41.4	599.6	V	Harris	1 x 1
277440	f_73 V	18:32:59.99	+36:00:00.0	J2000.00	1.203	180.0	23:59:42.9	599.4	V	Harris	1 x 1
277441	f_72 V	18:29:59.99	+35:59:59.9	J2000.00	1.249	180.0	00:11:58.8	599.4	V	Harris	1 x 1
277442	f_75 V	18:32:40.00	+35:24:59.9	J2000.00	1.282	180.0	00:24:00.6	598.9	V	Harris	1 x 1
277443	f_74 V	18:33:30.00	+36:34:59.9	J2000.00	1.324	180.0	00:36:02.1	599.4	V	Harris	1 x 1
277444	f_73 V	18:33:00.00	+35:59:59.9	J2000.00	1.379	180.0	00:48:03.1	599.6	V	Harris	1 x 1
277445	f_76 V	23:42:23.50	+28:09:59.9	J2000.00	1.062	180.0	01:01:46.0	599.4	V	Harris	1 x 1
277446	f_77 V	23:44:55.00	+28:10:00.0	J2000.00	1.049	180.0	01:13:47.8	599.4	V	Harris	1 x 1
277447	f_76 V	23:42:23.50	+28:10:00.0	J2000.00	1.033	180.0	01:25:48.8	599.5	V	Harris	1 x 1
277448	f_77 V	23:44:55.00	+28:09:59.9	J2000.00	1.024	180.0	01:37:52.0	599.4	V	Harris	1 x 1
277449	f_76 V	23:42:23.49	+28:10:00.0	J2000.00	1.013	180.0	01:49:54.8	599.4	V	Harris	1 x 1
277450	f_77 V	23:44:55.00	+28:09:59.8	J2000.00	1.008	180.0	02:01:55.6	598.9	V	Harris	1 x 1
277451	f_76 V	23:42:23.50	+28:09:59.9	J2000.00	1.002	180.0	02:13:56.7	599.5	V	Harris	1 x 1
277452	f_77 V	23:44:54.99	+28:09:59.9	J2000.00	1.001	180.0	02:25:58.4	599.4	V	Harris	1 x 1
277453	f_78 V	23:47:39.99	+28:09:59.9	J2000.00	1.000	180.0	02:38:26.3	599.4	V	Harris	1 x 1
277454	f_79 V	23:50:20.00	+28:19:59.9	J2000.00	1.001	180.0	02:50:28.3	599.4	V	Harris	1 x 1
277455	M31-microfld1	0:44:00.00	+41:34:00.0	J2000.00	1.032	180.0	03:03:38.2	319.6	r	Sloan	1 x 1

277456	M31-microfld1	0:44:00.00	+41:34:00.0	J2000.00	1.030	180.0	03:10:18.2	319.7	r	Sloan		1 x 1
277457	M31-microfld1	0:44:00.00	+41:34:00.0	J2000.00	1.028	180.0	03:17:00.4	319.6	i	Sloan		1 x 1
277458	M31-microfld1	0:43:59.99	+41:34:00.0	J2000.00	1.026	180.0	03:23:41.7	319.9	i	Sloan		1 x 1
277459	M31-microfld2	0:43:09.99	+40:58:15.0	J2000.00	1.023	180.0	03:31:24.4	319.7	r	Sloan		1 x 1
277460	M31-microfld2	0:43:10.00	+40:58:14.9	J2000.00	1.023	180.0	03:38:04.7	319.8	r	Sloan		1 x 1
277461	M31-microfld2	0:43:09.99	+40:58:14.9	J2000.00	1.024	180.0	03:44:43.5	319.8	i	Sloan		1 x 1
277462	M31-microfld2	0:43:10.00	+40:58:15.0	J2000.00	1.025	180.0	03:51:22.5	319.8	i	Sloan		1 x 1
277463	f_78	V	23:47:40.00	+28:09:59.9	J2000.00	1.053	180.0	03:59:38.1	599.4	V	Harris	1 x 1
277464	f_79	V	23:50:20.00	+28:20:00.1	J2000.00	1.066	180.0	04:11:41.9	599.5	V	Harris	1 x 1
277465	f_78	V	23:47:39.99	+28:10:00.0	J2000.00	1.091	180.0	04:23:46.0	599.4	V	Harris	1 x 1
277466	f_79	V	23:50:19.99	+28:19:59.9	J2000.00	1.109	180.0	04:35:48.9	599.5	V	Harris	1 x 1
277467	f_78	V	23:47:40.00	+28:10:00.0	J2000.00	1.141	180.0	04:47:52.0	599.5	V	Harris	1 x 1
277468	f_79	V	23:50:19.99	+28:19:59.8	J2000.00	1.165	180.0	04:59:54.7	599.3	V	Harris	1 1 x 1