INT OBSERVING LOG (ISAAC NEWTON GROUP, LA PALMA)

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TELESCOPE:            INT
DATE:                 20010722
TAPE NR:
OBSERVER:             P. Vreeswijk
PROGRAMME:            FSV survey
PATT/CAT REF.:        WFS1
TELESCOPE OPERATOR:   none
SUPPORT ASTRONOMER:   none

TELESCOPE FOCUS:      44.0 mm
CALIBRATE RESULTS:    not specified

INSTRUMENT:           WFC

WFC FILTER WHEEL:     V

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) 1.8

DOME OPENED (UT):     19:30
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METEOROLOGICAL PARAMETERS

LT	AirT	Hum%	Wspd	Gust	Wdir	Press	LocT	IntT	Mirr	LocRH	IntRH
21:00	14.8	15	19.4	21.4	28	773.0	15.2	16.9	16.7	14	14
22:00	14.7	16	25.5	26.1	32	773.5	15.1	15.9	16.8	14	14
23:00	15.3	11	25.5	27.2	24	774.2	15.7	16.2	16.6	12	11
00:00	15.6	10	25.9	27.1	44	774.5	15.7	16.1	16.4	9	13
01:00	15.6	10	26.0	29.4	53	774.5	15.7	15.9	16.3	9	10
02:00	15.7	9	10.0	12.9	71	774.2	15.7	15.8	16.1	9	9
03:00	15.9	9	10.8	14.2	67	773.5	16.3	16.6	16.2	7	8
04:00	15.8	8	6.9	9.2	56	773.2	15.9	16.4	16.3	8	8
05:00	15.9	8	11.5	13.8	142	772.9	16.6	16.3	16.4	7	9
06:00	16.0	8	9.4	10.7	114	773.2	16.4	16.2	16.2	6	7

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SUNSET(UT)              20:17
EVENING TWILIGHT(UT)    21:39
MORNING TWILIGHT(UT)    04:57
SUNRISE(UT)             06:20
MOON'S QUARTER (1-4)    1
DISK % OF ILLUM.        7
DARK TIME               07:18
TWILIGHT TIME           02:45
MOONRISE(UT)            No moonrise within sunset-sunrise
MOONSET(UT)             22:02

TIME LOST(WEATHER):     00:00
TIME LOST(TECHNICAL):   00:00
TIME LOST(OTHER):        1:30

COMMENTS:
  Clear night, seeing good at first (1.2"), went up to around 2"
  in the middle of the night, but went down to 1.2 again.
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Run no.	Object name	RA	Dec.	Equinox	AM	PA	UT	Exp. T.	Filter	Psys Channel	Binning	Comments
268166	test bias	10:35:00.00	+47:00:00.0	J2000.00	1.060	180.1	15:10:25.1	0.0	V	Harris	1 x 1	
268167	test flat	10:35:00.00	+47:00:00.0	J2000.00	1.059	180.1	15:12:49.7	7.1	B	Harris	1 x 1	
268168	Flat field	15:01:59.99	+29:54:59.9	J2000.00	1.002	180.1	20:27:02.5	5.2	Halpha	Narrow-ban	1 x 1	
268169	Flat field	15:02:01.53	+29:55:20.0	J2000.00	1.002	180.1	20:28:26.9	7.1	Halpha	Narrow-ban	1 x 1	
268170	Flat field	15:01:58.46	+29:54:39.9	J2000.00	1.003	180.1	20:29:42.0	10.2	Halpha	Narrow-ban	1 x 1	
268171	Flat field	15:01:56.92	+29:54:20.0	J2000.00	1.003	180.1	20:31:23.3	15.8	Halpha	Narrow-ban	1 x 1	
268172	Flat field	15:02:00.00	+29:54:59.9	J2000.00	1.004	180.1	20:34:05.6	3.0	V	Harris	1 x 1	
268173	Flat field	15:02:01.53	+29:55:20.0	J2000.00	1.005	180.1	20:35:21.3	7.9	V	Harris	1 x 1	
268174	Flat field	15:01:58.46	+29:54:40.0	J2000.00	1.005	180.1	20:37:04.2	7.5	V	Harris	1 x 1	
268175	Flat field	15:02:03.07	+29:55:40.0	J2000.00	1.006	180.1	20:38:32.2	10.7	V	Harris	1 x 1	
268176	Flat field	15:02:04.61	+29:56:00.0	J2000.00	1.007	180.1	20:40:26.8	16.9	V	Harris	1 x 1	
268177	Flat field	15:01:56.92	+29:54:19.9	J2000.00	1.007	180.1	20:42:02.7	24.8	V	Harris	1 x 1	
268178	Flat field	15:01:55.38	+29:54:00.0	J2000.00	1.008	180.1	20:43:38.2	36.3	V	Harris	1 x 1	
268179	Flat field	15:02:00.76	+29:55:10.0	J2000.00	1.009	180.1	20:45:42.6	55.6	V	Harris	1 x 1	
268180	Flat field	15:01:59.23	+29:54:50.0	J2000.00	1.011	180.1	20:48:22.7	99.0	V	Harris	1 x 1	
268181	Flat field	15:02:02.30	+29:55:30.0	J2000.00	1.013	180.1	20:51:33.7	178.6	V	Harris	1 x 1	
268182	Bias	17:23:15.00	+27:29:59.9	J2000.00	1.064	180.1	21:01:14.0	0.0	V	Harris	1 x 1	
268183	Bias	17:23:15.00	+27:30:00.0	J2000.00	1.063	180.1	21:02:08.9	0.0	V	Harris	1 x 1	
268184	Bias	17:23:15.00	+27:30:00.0	J2000.00	1.062	180.1	21:03:01.7	0.0	V	Harris	1 x 1	
268185	Bias	17:23:14.99	+27:30:00.0	J2000.00	1.060	180.1	21:03:54.7	0.0	V	Harris	1 x 1	
268186	Bias	17:23:14.99	+27:30:00.0	J2000.00	1.059	180.1	21:04:47.8	0.0	V	Harris	1 x 1	
268187	Bias	17:23:15.00	+27:29:59.9	J2000.00	1.058	180.1	21:05:59.1	0.0	V	Harris	1 x 1	
268188	Bias	17:23:15.00	+27:29:59.9	J2000.00	1.056	180.1	21:06:52.0	0.0	V	Harris	1 x 1	
268189	Bias	17:23:15.00	+27:29:59.9	J2000.00	1.055	180.1	21:07:44.8	0.0	V	Harris	1 x 1	
268190	Bias	17:23:15.00	+27:29:59.9	J2000.00	1.054	180.1	21:08:37.8	0.0	V	Harris	1 x 1	
268191	Bias	17:23:14.99	+27:30:00.0	J2000.00	1.053	180.1	21:09:32.6	0.0	V	Harris	1 x 1	
268192	test f_63 V	17:23:14.99	+27:30:00.0	J2000.00	1.036	180.1	21:22:36.5	60.1	V	Harris	1 x 1	
268193	Focus run	17:23:15.00	+27:32:00.0	J2000.00	1.031	180.1	21:29:12.5	10.1	V	Harris	1 x 1	
268194	f_63 V	17:23:15.00	+27:30:00.0	J2000.00	1.016	180.1	21:41:52.9	599.5	V	Harris	1 x 1	
268195	f_64 V	8:42:52.50	+13:45:00.1	J2000.00	1.010	180.1	21:53:44.8	599.5	V	Harris	1 x 1	
268196	f_65 V	17:28:15.00	+27:29:59.9	J2000.00	1.005	180.1	22:05:34.6	599.4	V	Harris	1 x 1	
268197	f_66 V	17:28:15.00	+26:55:59.9	J2000.00	1.002	180.1	22:17:27.7	599.4	V	Harris	1 x 1	
268198	Focus run	17:28:15.00	+26:58:00.1	J2000.00	1.001	180.1	22:30:10.7	3.1	V	Harris	1 x 1	
268199	f_63 V	17:23:15.00	+27:30:00.0	J2000.00	1.001	180.1	22:32:56.0	599.4	V	Harris	1 x 1	
268200	f_64 V	17:25:45.00	+27:30:00.1	J2000.00	1.002	180.1	22:45:36.6	598.9	V	Harris	1 x 1	
268201	f_65 V	17:28:14.99	+27:30:00.0	J2000.00	1.005	180.1	22:57:42.3	599.4	V	Harris	1 x 1	
268202	f_66 V	17:28:14.99	+26:55:59.9	J2000.00	1.012	180.1	23:10:01.9	599.5	V	Harris	1 x 1	
268203	Focus run	17:28:15.00	+26:58:30.0	J2000.00	1.016	180.1	23:22:35.8	2.1	V	Harris	1 x 1	
268204	f_63 V	17:23:15.00	+27:30:00.1	J2000.00	1.027	180.1	23:25:57.4	599.4	V	Harris	1 x 1	
268205	f_64 V	17:25:45.00	+27:30:00.1	J2000.00	1.037	180.1	23:38:14.2	599.5	V	Harris	1 x 1	
268206	f_65 V	17:28:15.00	+27:30:00.0	J2000.00	1.047	180.1	23:50:04.8	599.4	V	Harris	1 x 1	
268207	f_66 V	17:28:14.99	+26:56:00.1	J2000.00	1.064	180.1	00:01:55.3	599.5	V	Harris	1 x 1	
268208	f_63 V	17:23:14.99	+27:30:00.1	J2000.00	1.091	180.1	00:13:37.8	599.4	V	Harris	1 x 1	
268209	f_64 V	17:25:45.00	+27:29:59.8	J2000.00	1.109	180.1	00:25:28.9	599.4	V	Harris	1 x 1	
268210	f_65 V	17:28:14.99	+27:30:00.1	J2000.00	1.129	180.1	00:37:19.5	599.5	V	Harris	1 x 1	
268211	f_66 V	17:28:15.00	+26:56:00.0	J2000.00	1.159	180.1	00:49:09.8	599.4	V	Harris	1 x 1	
268212	f_68 V	22:00:00.00	+27:39:59.8	J2000.00	1.118	180.1	01:02:27.3	599.4	V	Harris	1 x 1	
268213	f_69 V	22:02:29.99	+27:40:00.0	J2000.00	1.099	180.1	01:14:19.6	599.6	V	Harris	1 x 1	
268214	f_70 V	22:04:59.99	+27:40:00.0	J2000.00	1.082	180.1	01:26:05.0	599.4	V	Harris	1 x 1	
268215	f_71 V	22:04:59.99	+27:06:00.0	J2000.00	1.064	180.1	01:37:55.0	599.5	V	Harris	1 x 1	
268216	f_68 V	22:00:00.00	+27:40:00.1	J2000.00	1.041	180.1	01:49:35.6	599.6	V	Harris	1 x 1	
268217	f_69 V	22:02:30.00	+27:39:59.9	J2000.00	1.031	180.1	02:01:28.8	599.4	V	Harris	1 x 1	
268219	Bias frame	0:00:00.00	+00:00:00.0	J2000.00	1.552	180.1	03:36:30.2	0.0	z	Gunn	1 x 1	
268220	f_70 V	22:04:59.99	+27:39:59.9	J2000.00	1.008	180.1	03:40:29.8	599.5	V	Harris	1 x 1	
268221	f_71 V	22:05:00.00	+27:05:59.9	J2000.00	1.015	180.1	03:52:12.8	599.5	V	Harris	1 x 1	
268222	f_68 V	22:00:00.00	+27:39:59.5	J2000.00	1.029	180.1	04:03:55.7	599.5	V	Harris	1 x 1	
268223	f_69 V	22:02:30.00	+27:39:59.9	J2000.00	1.038	180.1	04:15:46.7	599.5	V	Harris	1 x 1	
268224	f_70 V	22:05:00.00	+27:39:59.9	J2000.00	1.052	180.1	04:30:06.6	599.4	V	Harris	1 x 1	
268225	f_71 V	22:05:00.00	+27:05:59.9	J2000.00	1.070	180.1	04:41:48.2	599.5	V	Harris	1 x 1	
268226	f_68 V	21:59:59.99	+27:40:00.1	J2000.00	1.098	180.1	04:53:36.6	599.0	V	Harris	1 x 1	
268227	f_69 V	22:02:30.00	+27:39:59.9	J2000.00	1.118	180.1	05:05:43.9	599.5	V	Harris	1 x 1	

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268228 f_70 V          22:05:00.00 +27:40:00.0 J2000.00 1.138 180.1 05:17:22.3    599.5       V     Harris          1 x 1
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