INT OBSERVING LOG (ISAAC NEWTON GROUP, LA PALMA)

```
TELESCOPE:            INT
DATE:                 20010922
TAPE NR:
OBSERVER:             Walsh, Greimel
PROGRAMME:            LGC
PATT/CAT REF.:        WFS4
TELESCOPE OPERATOR:   none
SUPPORT ASTRONOMER:   none

TELESCOPE FOCUS:      not specified
CALIBRATE RESULTS:    not specified

INSTRUMENT:           WFC

WEATHER:              (1st half) bad
                      (2nd half) bad
CLOUD COVER (%):      (1st half) 10
                      (2nd half) 10
DUST (0-2):           (1st half) 0
                      (2nd half) 0
SEEING (arcsec):      (1st half)
                      (2nd half)

DOME OPENED (UT):     --:--
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METEOROLOGICAL PARAMETERS

LT	AirT	Hum%	Wspd	Gust	Wdir	Press	LocT	IntT	Mirr	LocRH	IntRH
20:00	9.7	91	17.2	20.5	265	771.3	9.7	15.1	16.1	88	63
21:00	8.3	93	23.0	24.6	251	771.3	8.9	14.8	16.3	88	62
22:00	8.0	100	20.6	23.6	255	771.9	8.4	14.1	16.3	100	69
23:00	8.1	100	23.1	27.1	263	772.2	9.1	13.7	16.2	88	68
00:00	8.8	100	21.9	23.6	277	772.2	9.5	13.7	16.2	99	71
01:00	9.1	100	25.7	27.4	260	772.1	9.4	13.8	16.3	100	76
02:00	9.2	100	19.0	21.2	258	771.9	9.4	13.8	16.3	100	76
03:00	8.9	100	23.9	27.4	250	771.6	9.1	14.1	16.3	100	72
04:00	8.4	100	23.3	25.9	251	771.3	8.9	14.0	16.2	100	73
05:00	8.5	100	24.4	25.3	262	770.7	9.0	13.5	16.2	98	73
06:00	9.1	100	21.9	24.1	256	770.3	9.3	13.9	16.1	98	72

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SUNSET(UT)              19:16
EVENING TWILIGHT(UT)    20:28
MORNING TWILIGHT(UT)    05:41
SUNRISE(UT)             06:53
MOON'S QUARTER (1-4)    1
DISK % OF ILLUM.        36
DARK TIME               09:13
TWILIGHT TIME           02:24
MOONRISE(UT)            No moonrise within sunset-sunrise
MOONSET(UT)             23:12

TIME LOST(WEATHER):     09:13
TIME LOST(TECHNICAL):   00:00
TIME LOST(OTHER):       00:00

COMMENTS:
  never opened due to 90-100% humidity
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Run no.	Object name	RA	Dec.	Equinox	AM	PA	UT	Exp. T.	Filter	Psys Channel	Binning	Comments
280518	Bias frame	0:00:00.00	+00:00:00.0	J2000.00	3.825	180.0	12:58:31.5	0.0	r	Sloan	1 x 1	

```
280519 Bias frame          0:00:00.00 +00:00:00.0 A       1.000 180.0 13:24:51.0      0.0        r      Sloan          1 x 1
280520 Bias frame          0:00:00.00 +00:00:00.0 A       1.000 180.0 13:26:35.4      0.0        r      Sloan          1 x 1
280521 Bias                0:00:00.00 +00:00:00.0 A       1.000 180.0 19:19:50.7      0.0        r      Sloan          1 x 1
```