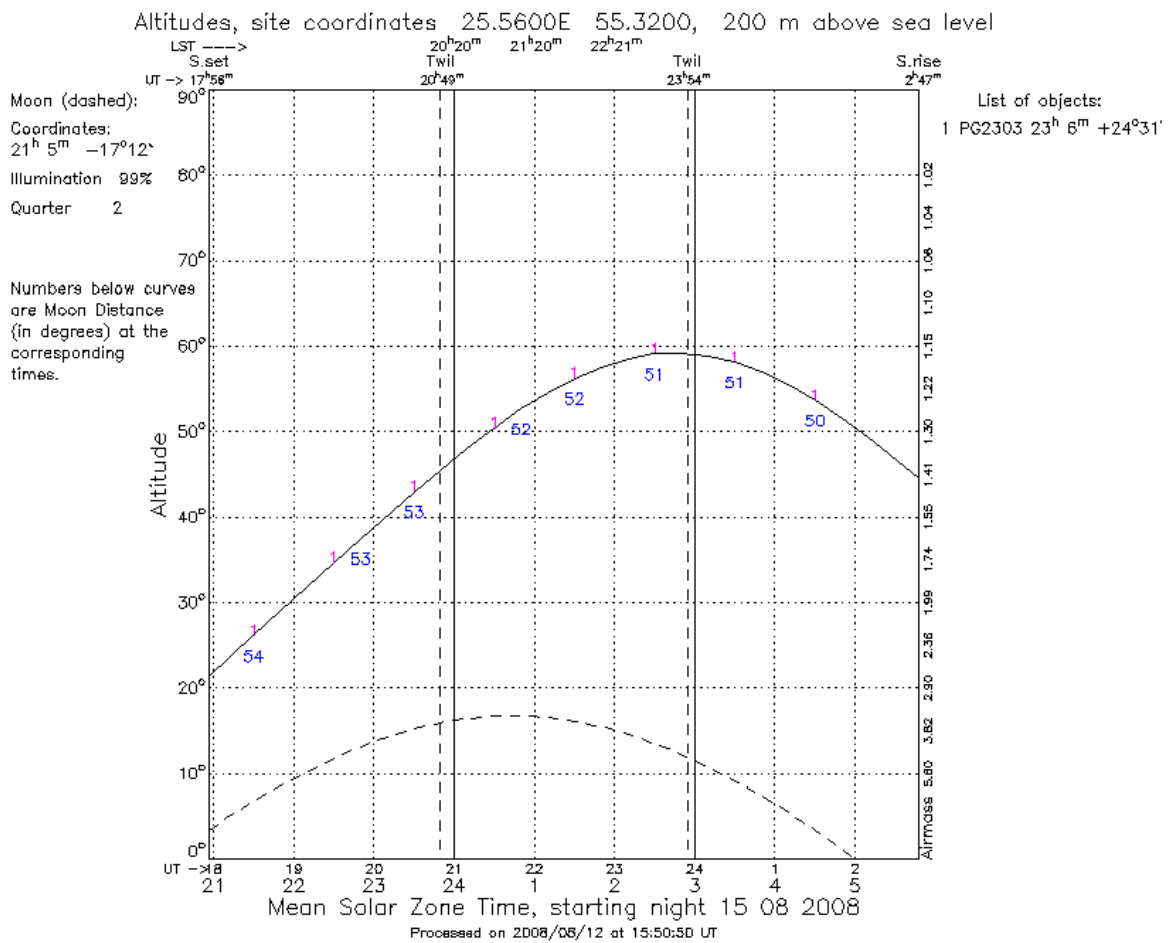


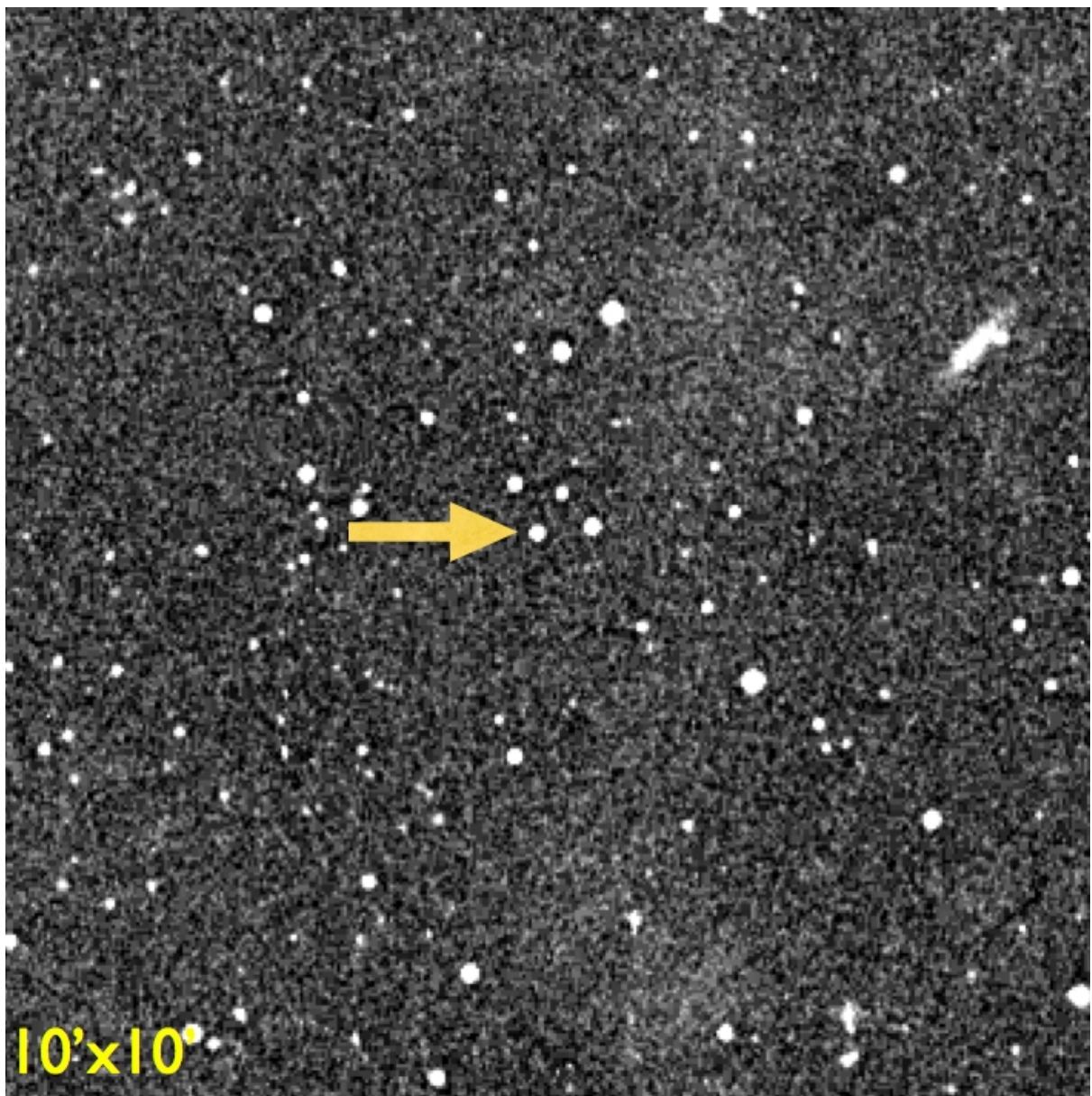
Team: 2/B
Telescope: 165
Night: 15 August: 22:00 - 01:00

Proposed target: Pulsating White Dwarf PG 2303+243
 (collaboration with the teams 2/C and 4/D who are observing the same object at IAC80 at the same time)
 $V = 15.5$
 Main period: 794.5s
 Amplitude: 5%

Coordinates: 23 06 17 +24 32 00



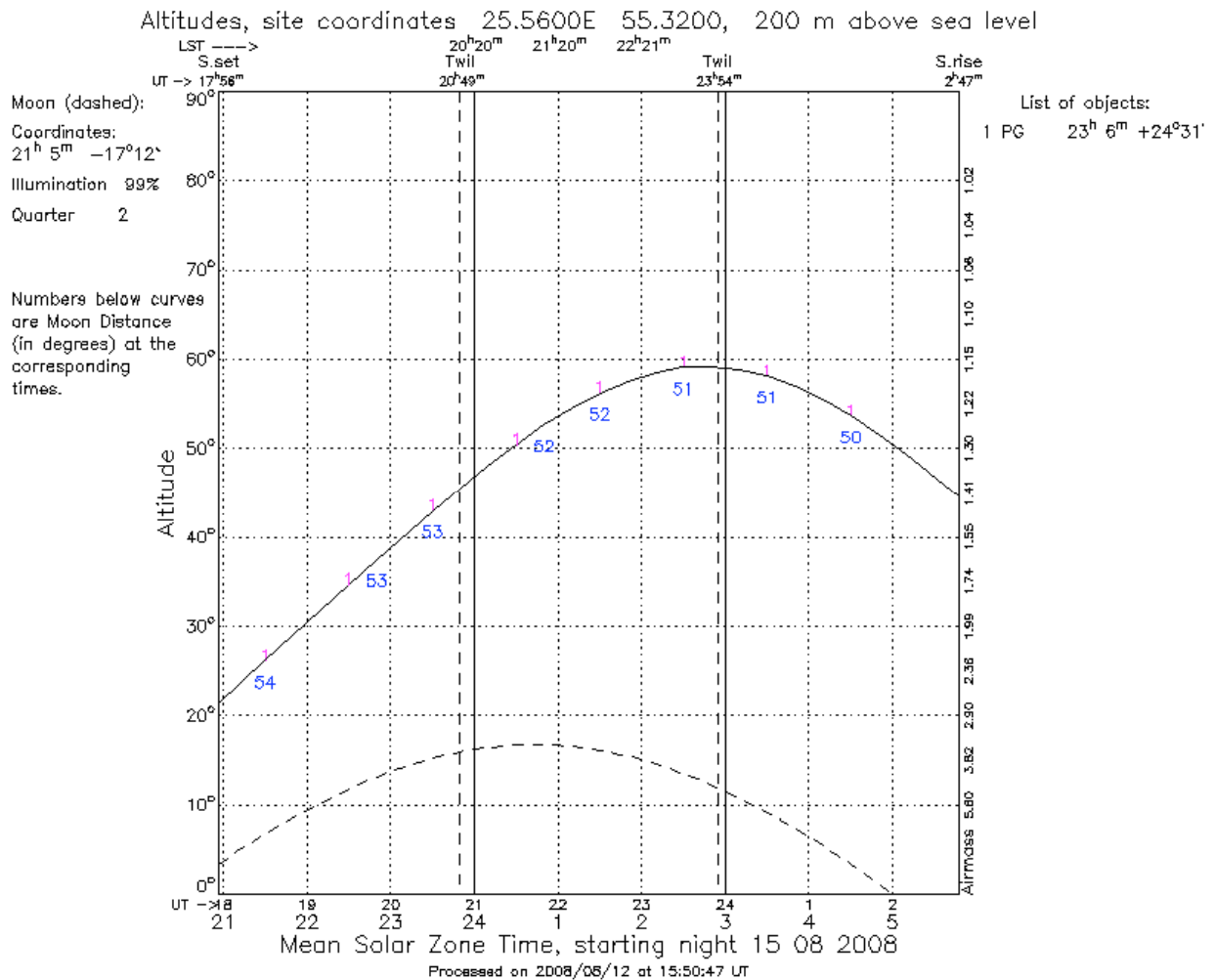
Finding chart: N up, E left

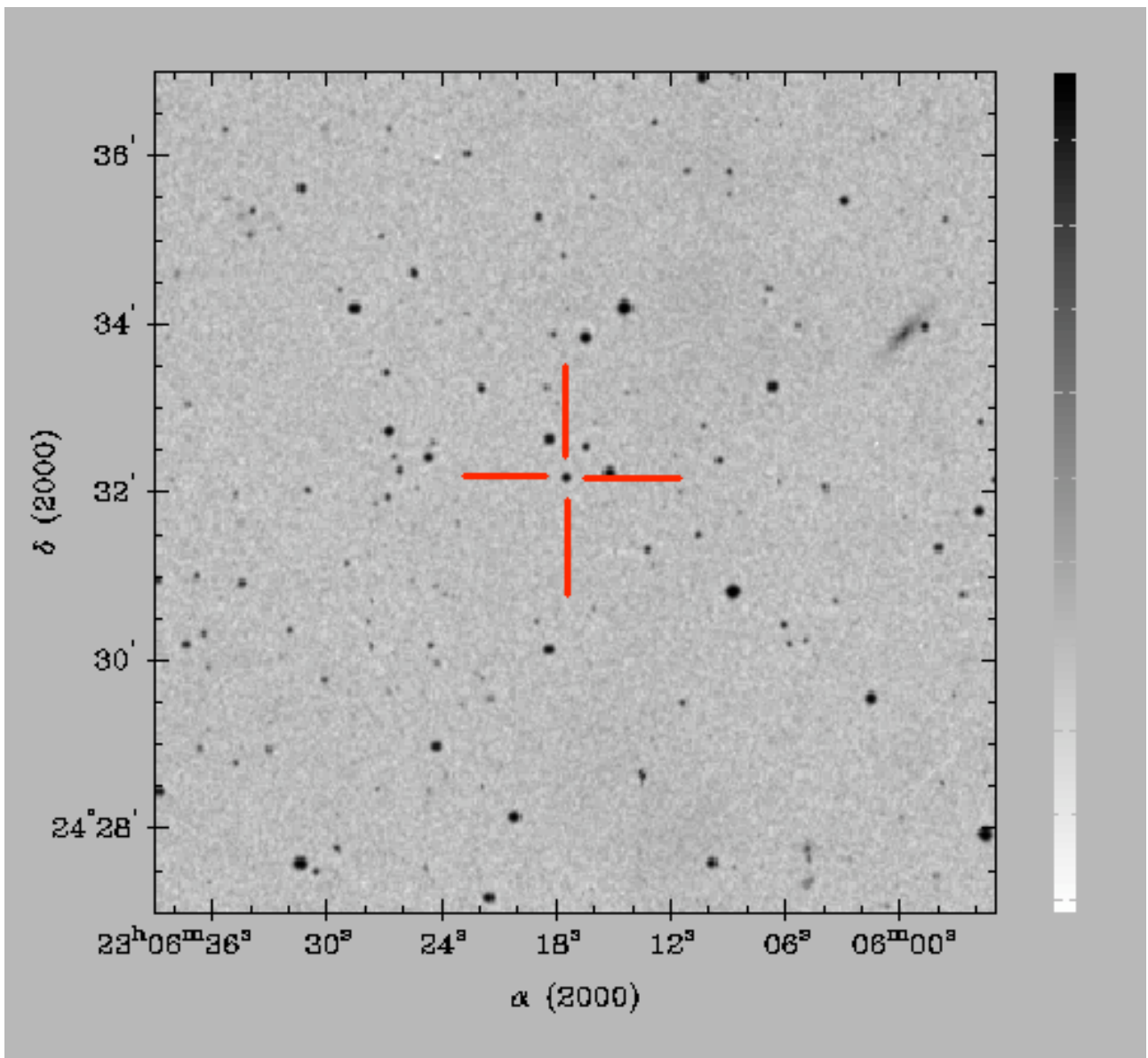


Team: 9/1
Telescope: 165 cm
Night: 15 August: 01:00-04:00

Proposed target: Time series photometry of PG 2303+243
 $V=15.5$
 We are collaborating with group B on this one so we will continue their work.
 $\text{Sigma}(a) \sim 1$ mmag for a 3h observation with 10 sec exposures. Amplitude of PG 2303+243 is between 8 and 418 mmag. $\text{Sigma}(a)/a$ is thus less than 1/5.

Coordinates: 23 06 17 +24 32 00





10x10 arcmin

Team G/7

Telescope 63 cm telescope / CORAVEL at Moletai Observatory

Night Night of 15th August from 22:00 to 01:00 Local Time

Proposed Target Time Series Velocities
V2109 Cyg
V 7.52 (F0 type δ Scuti star
Period 0.186065 days
Amplitude 83.91 mmag for main frequency $f_1 = 5.3745$

Coordinates of Object α 20 08 50.419 δ +48 54 39.42

Team: 10/J

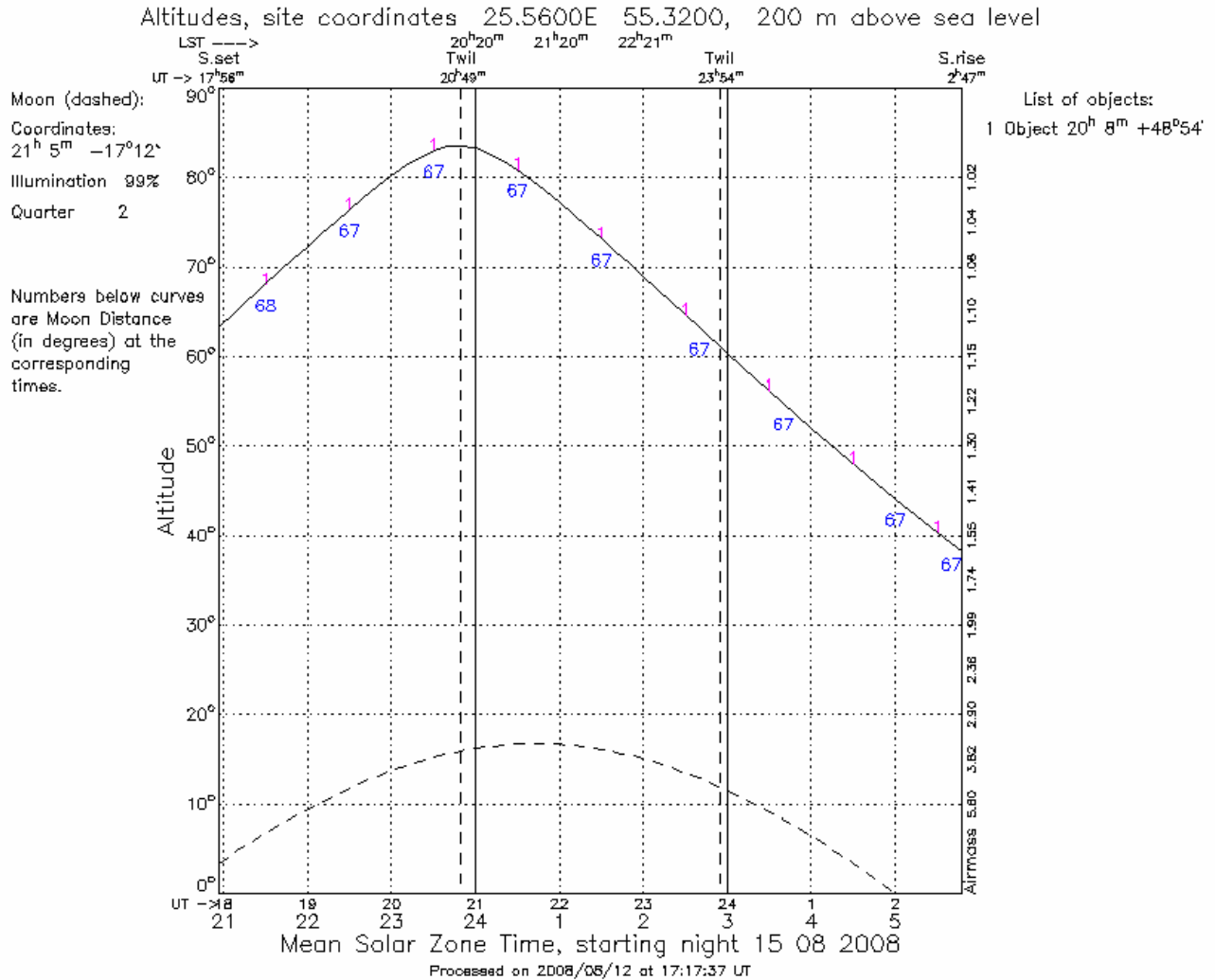
Telescope: 63 cm (Moletai Astronomical Observatory)

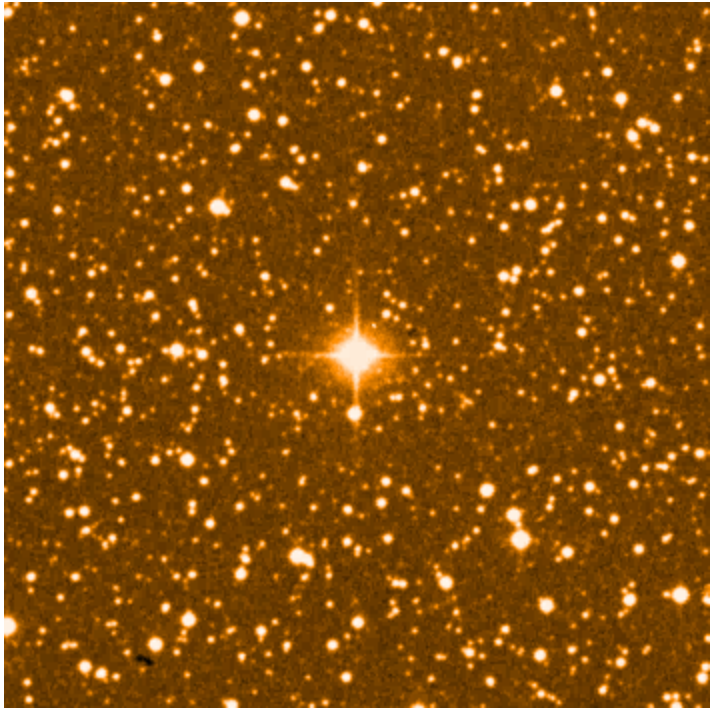
Night: 15 August, 01:00 – 04:00 (Local Time)

Proposed Target: radial velocities of V2109 Cyg

V = 7.5 mag Period 0.186 d radial velocity amplitude ~15 km/s

Coordinates: α : 20 08 50.4 δ : +48 54 39





Hi Hans

here is our proposal for the Maksutov telescope We want to participate in the Asteroid search program.

With kind regards

Eugene and Thomas

Team: 8/H

Telescope: Maksutov

Night: 15. august 01-04

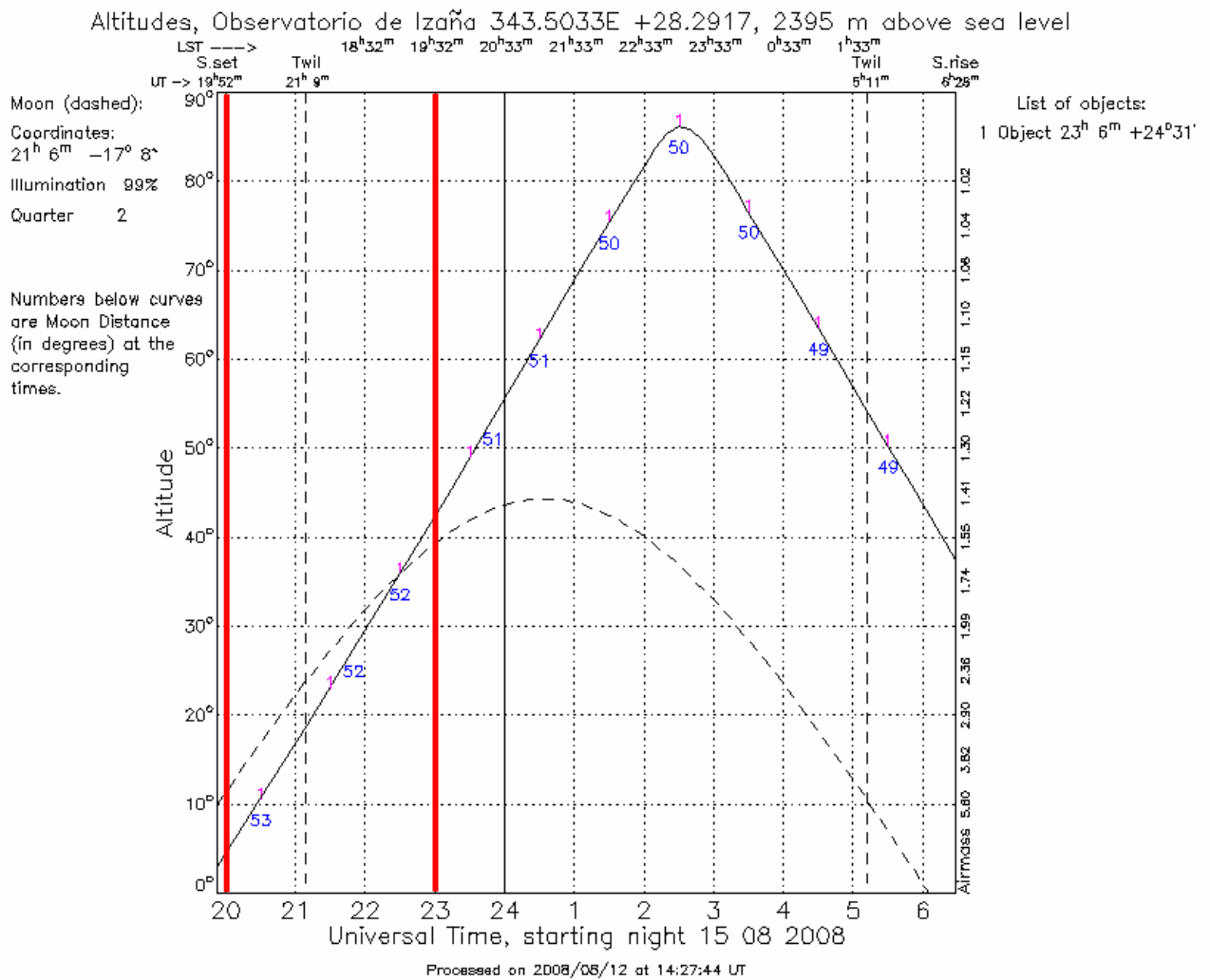
Proposed target: Asteroid search

Team: 4 / D
Telescope: IAC80
Night: August 15, 2008 (23:00 – 2:00 EET)

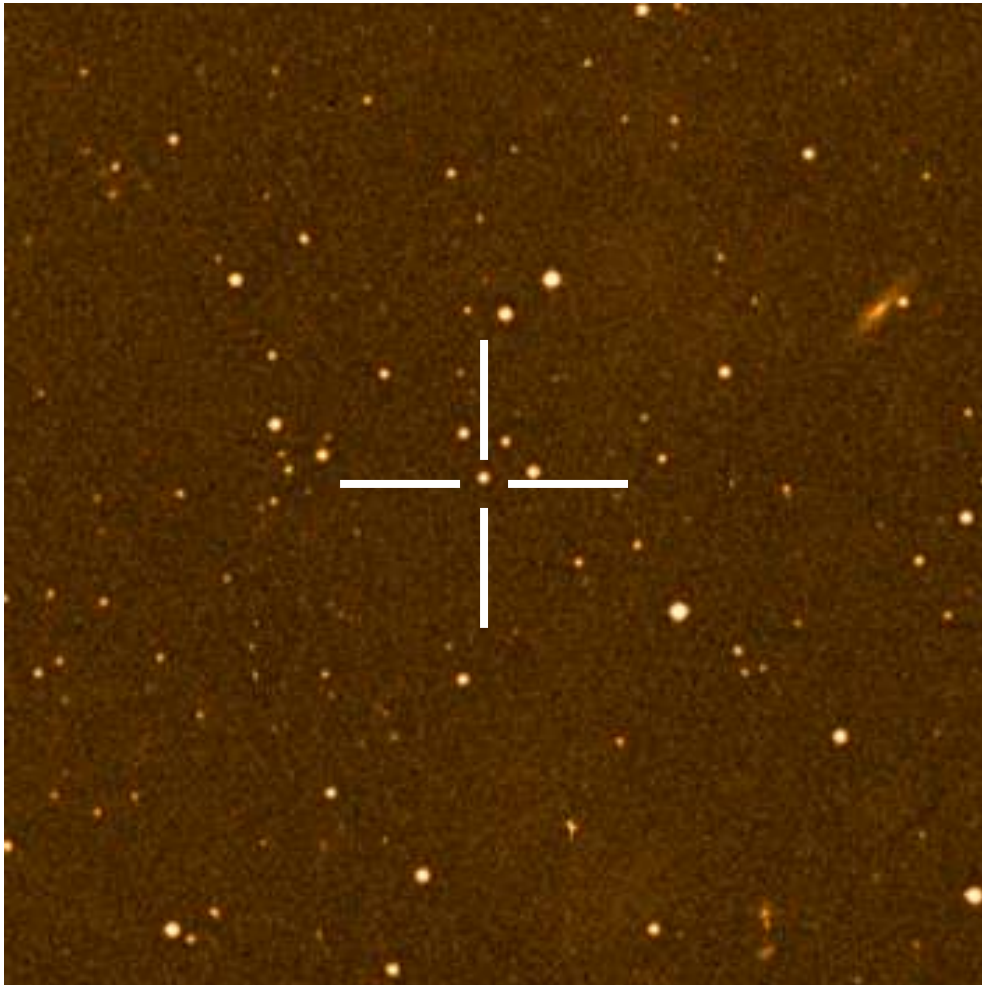
Proposed targets: Time series photometry of PG 2303+243
 V = 15.5 mag Period (s): 394, 483, 540, 611, 936
 Amplitude: 200 mmag
 In collaboration with observing group 3/C

Coordinates: α : 23 06 17 δ : +24 32 00

Visibility chart:



Finding chart:



Team: 3 / C

Telescope: IAC80, Teide (Tenerife, Spain)

Night: 15 August 2008: 02:00 – 4:15

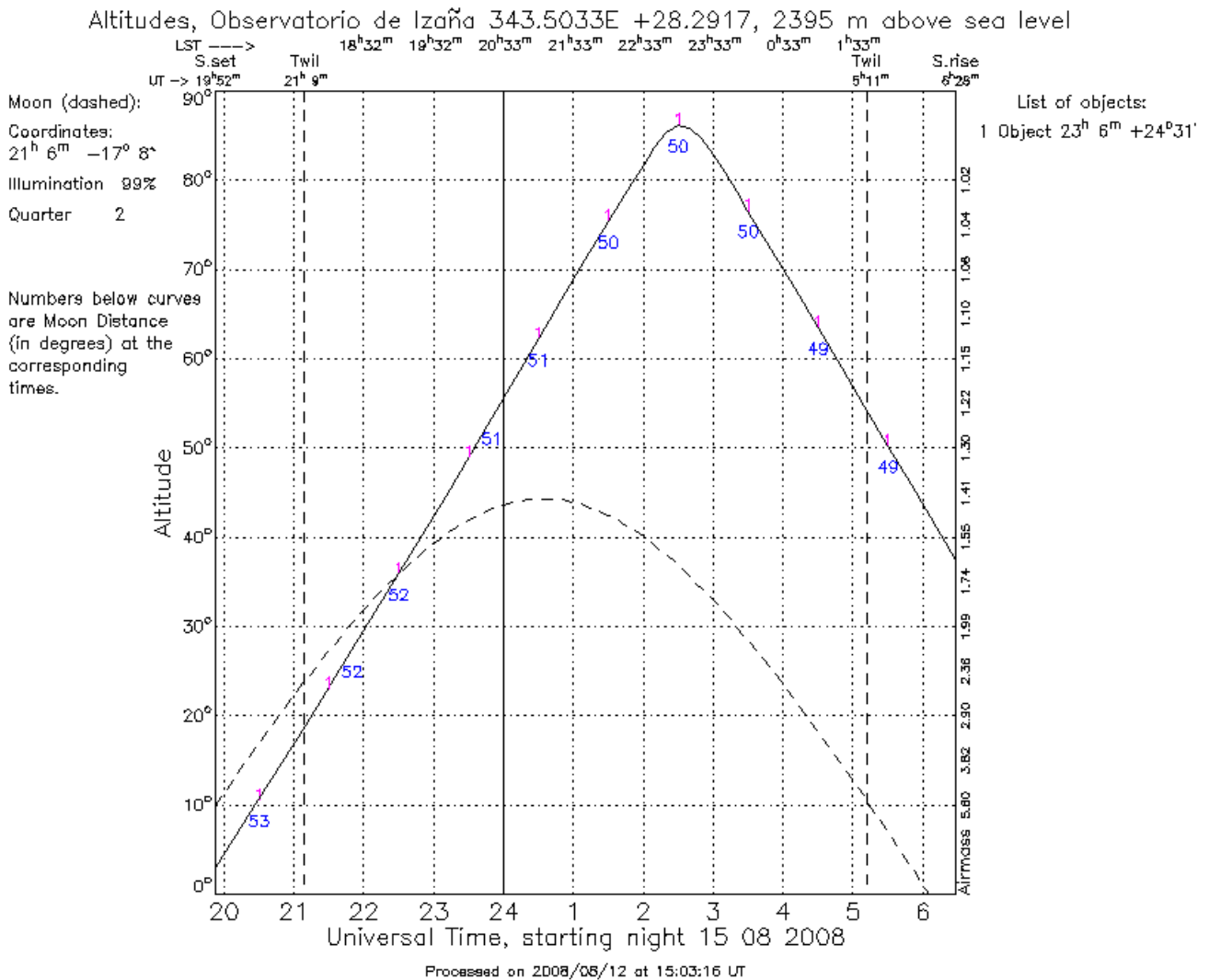
Proposed target: Time Series Photometry PG 2303+243

V = 15.50

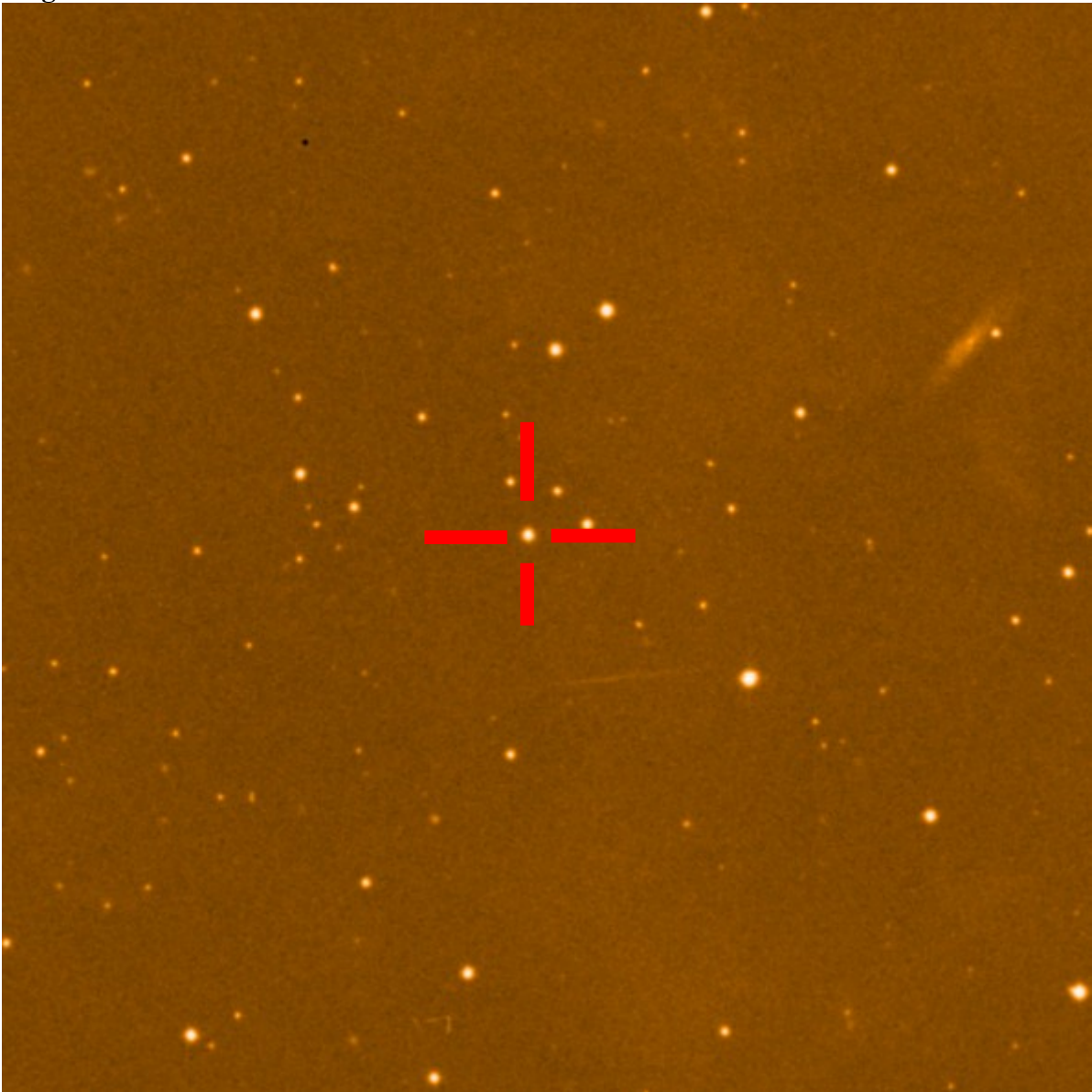
Period (days)/Amplitude (mmag)=0,0104/16; 0,0092/56; 0,0078/418; 0,0072/15; 0,0066/8

Coordinates: α : 23 06 17 δ : +24 32 00

NOTE: We are collaborating with the team D (Teide), B and I (165cm) observing first shift the same night.



Finding chart:



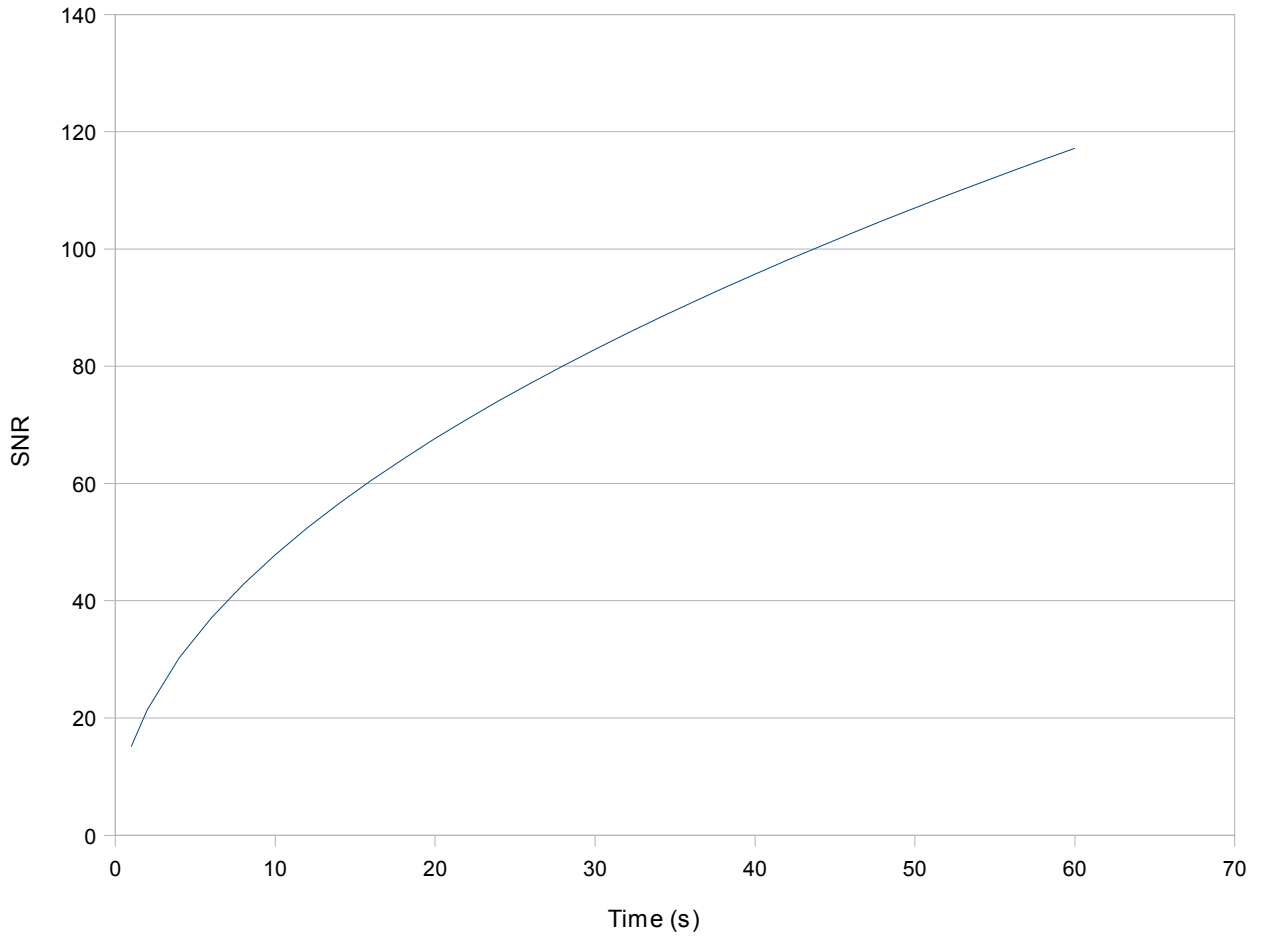
Window size: 10" x 10"

Exposure time: 20s.

SNR = 67,67

$\sigma(n) = 7,85$ mmag

SNR vs Time



Personal notes:

Effective bandwidth for B filter (A) 1000.00
N = 180 readouts

Team: 5/E

Telescope: NOT

Night: 15th Aug, 23-02

Proposed targets: RHB stars

BD112998 16 30 16 +10 59 51 V=8.87

HD150875 16 43 56 -02 37 51 V=8.22

BD173248 17 28 14 +17 30 35 V=9.17

Team: 6 / F
Telescope: NOT
Night: 15. August 02:00 - 04:15

Proposed target: Doppler imaging of:
HD 170000 V: 4.22 2min S/N~300
HD 184905 V: 6.62 10min S/N~ 230

Spectroscopy of RHB & EAGB:
HD184266 V: 7.59 1600s S/N ~200
HD204543 V: 8.28 50min S/N ~200

Coordinates: HD 170000 18 20 45.4304 +71 20 16.132
HD 184905 19 34 43.9292 +43 56 45.080
HD184266 19 34 15.3 -16 19 00.2
HD204543 21 29 28.2 -03 30 55.3

Altitudes, Roque de Los Muchachos, 342.1184E +28.7606, 2326 m above sea level

