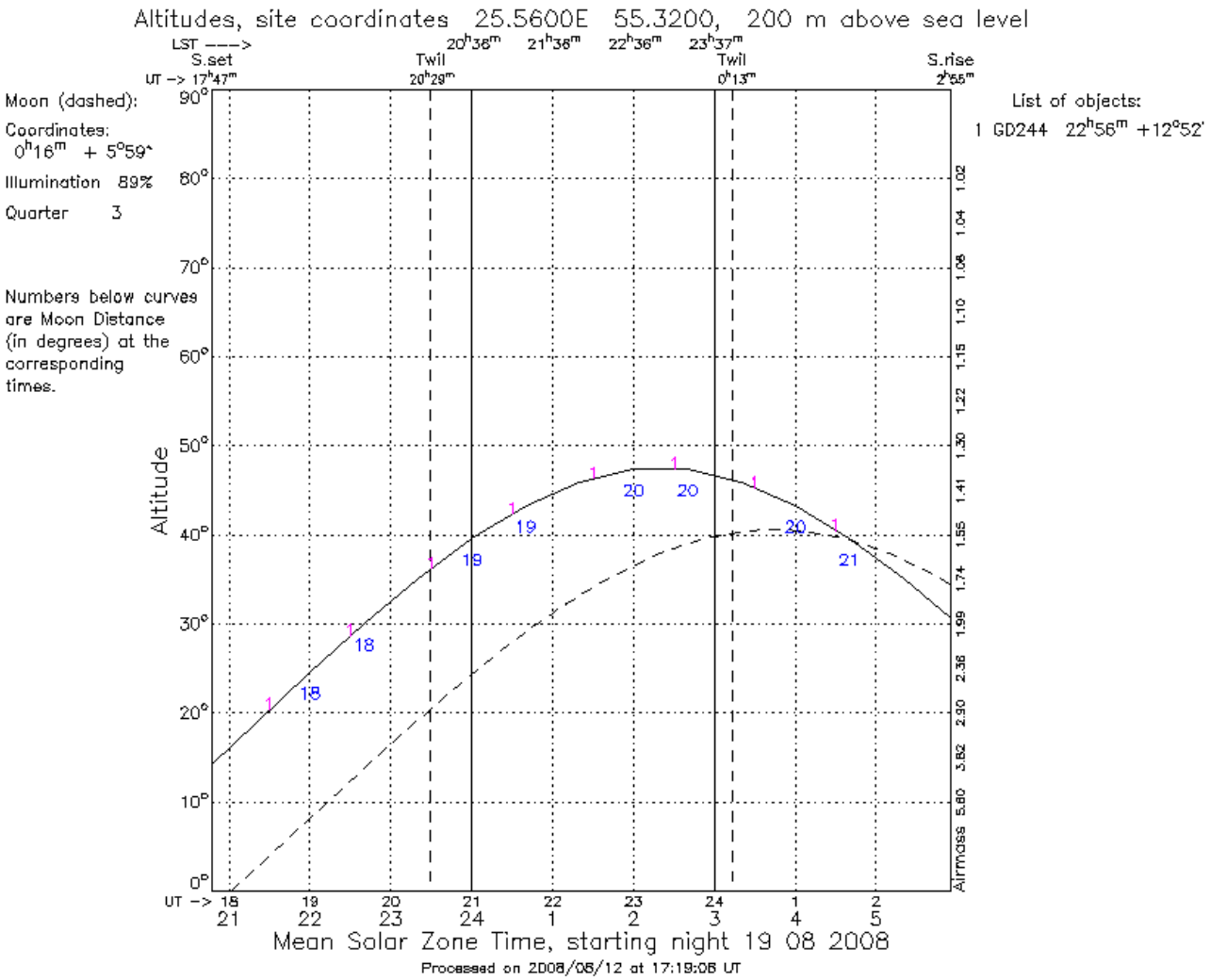
Team: 6 / F

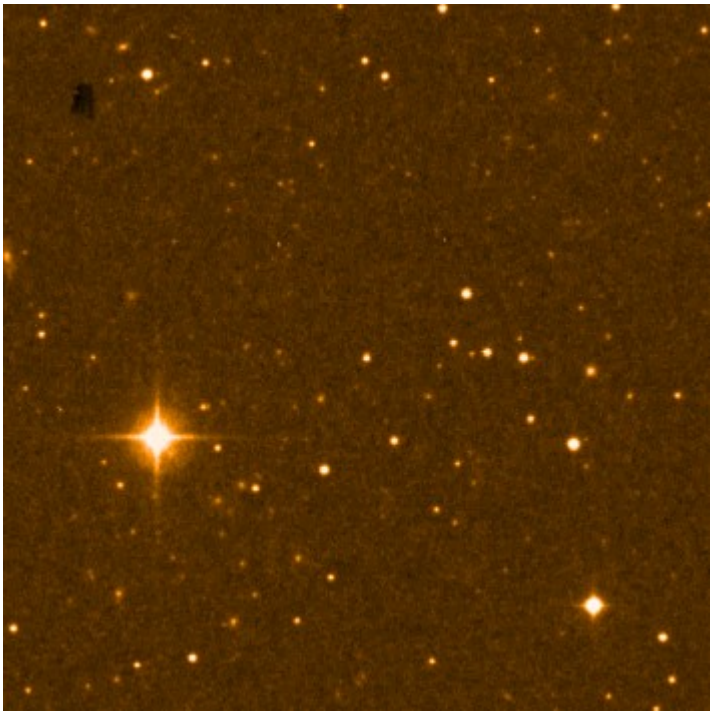
Telescope: L1 165cm

Night: 19. August 22:00 – 01:00

Proposed target: Time series photometry of GD 244
V: 16.0 A: 4% P: 203-307s
40s exposure for σ(A)=0.1*amplitude

Coordinates: 22 56 46.172 +12 52 50.20





Proposal 5

Team: 3/C

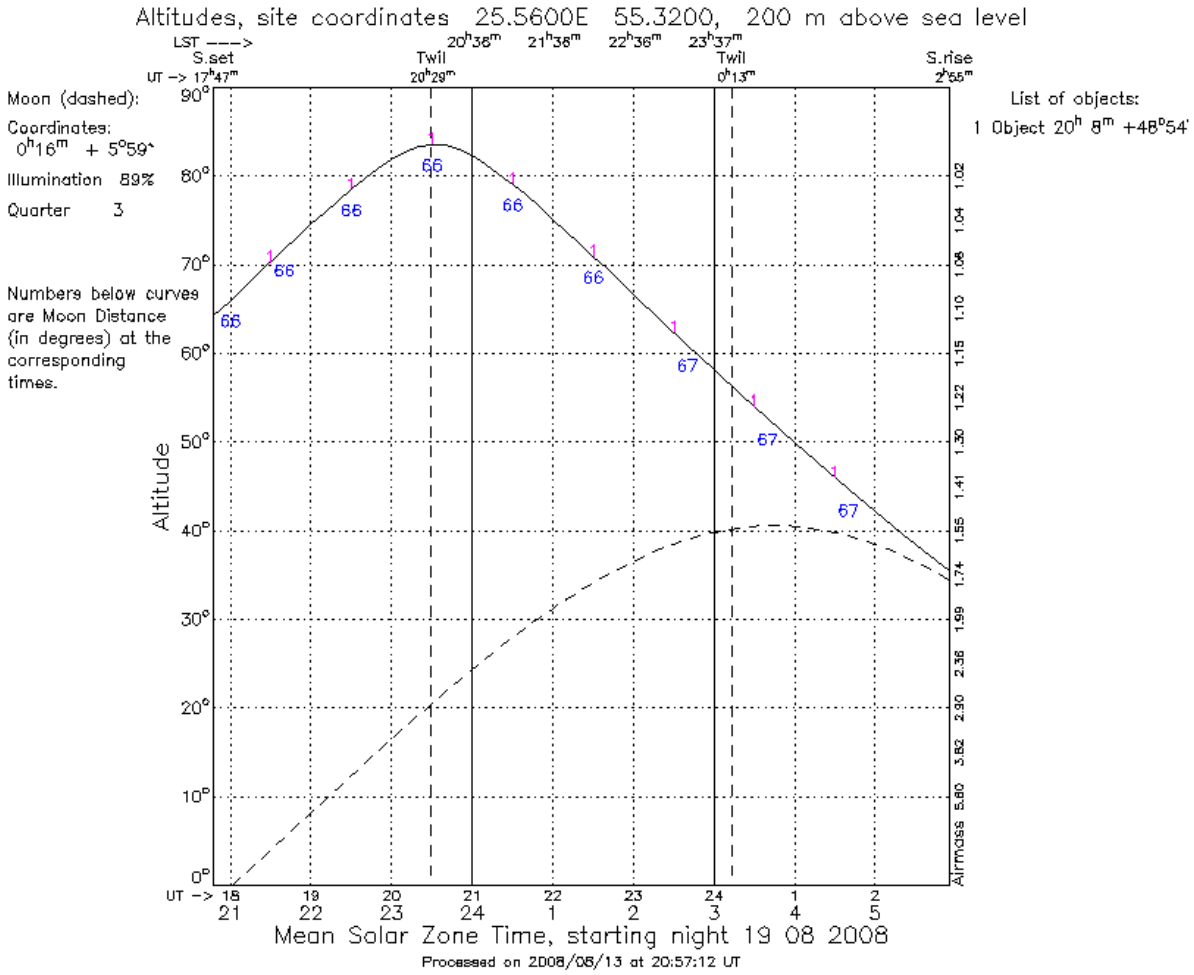
Telescope: 63 cm

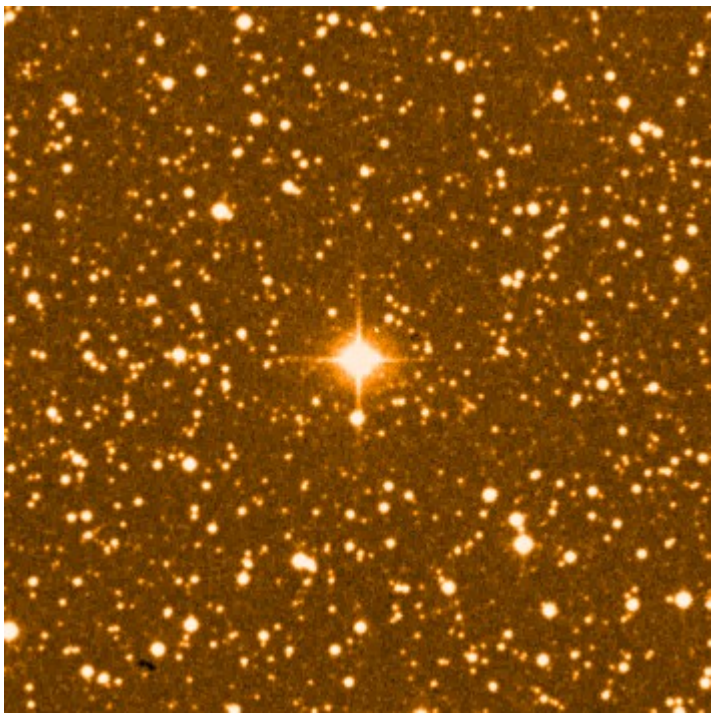
Night: 19th of August: 23:00 – 02:00

Proposed target: Time series velocities of V2109 Cyg

V = 7.494 Period =669,8 s ; Amplitude = ??? mag

Coordinates: rec: 20 08 50.4194 dec: +48 54 39.423





Window size: 10” x 10”

Team: 4 / D
Telescope: L3 Maksutov
Night: August 19, 2008 (22:00 – 1:00 EET)

Proposed targets: NEO object search program on suggested targets

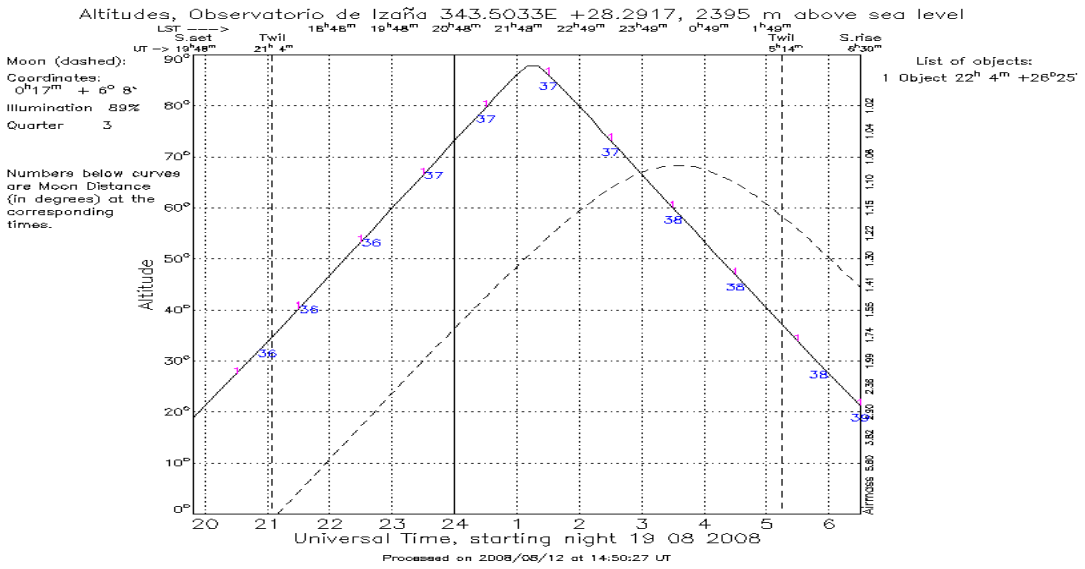
Team: 8/H

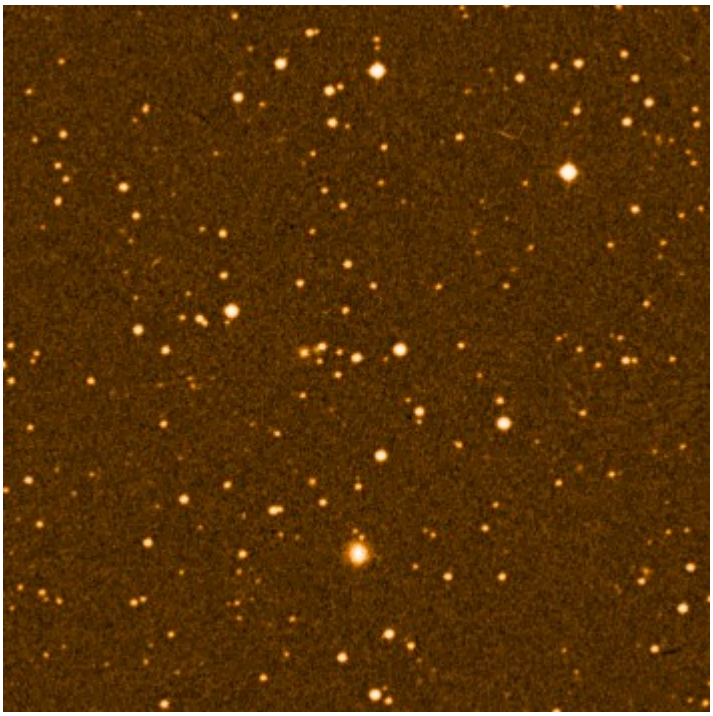
Telescope: Teide

Night: 19. august 23-02

Proposed target: HS 2201+2610

Coordinates: 22 04 12.2 +26 25 08





Team	G/7
Telescope	IAC80 Tenerife
Night	Night of 19^{th} August from 02:00 to 04:00 Moletai Local Time
Proposed Target	PG 2303 +243
Reference	Vauclair et al. 1987, A&A, 175, L13
Coordinates of Object	RA 23 06 16 Dec +24 32 00
Period	571-901 s
Magnitude	15.5
Effective Temperature	11480 K
	$\sigma(a) = 0.701$

Comments

We intend to observe the V band variability of PG 2303 +243 , which belongs to the ZZ Ceti (DOV) class of stars, in order to study its period.

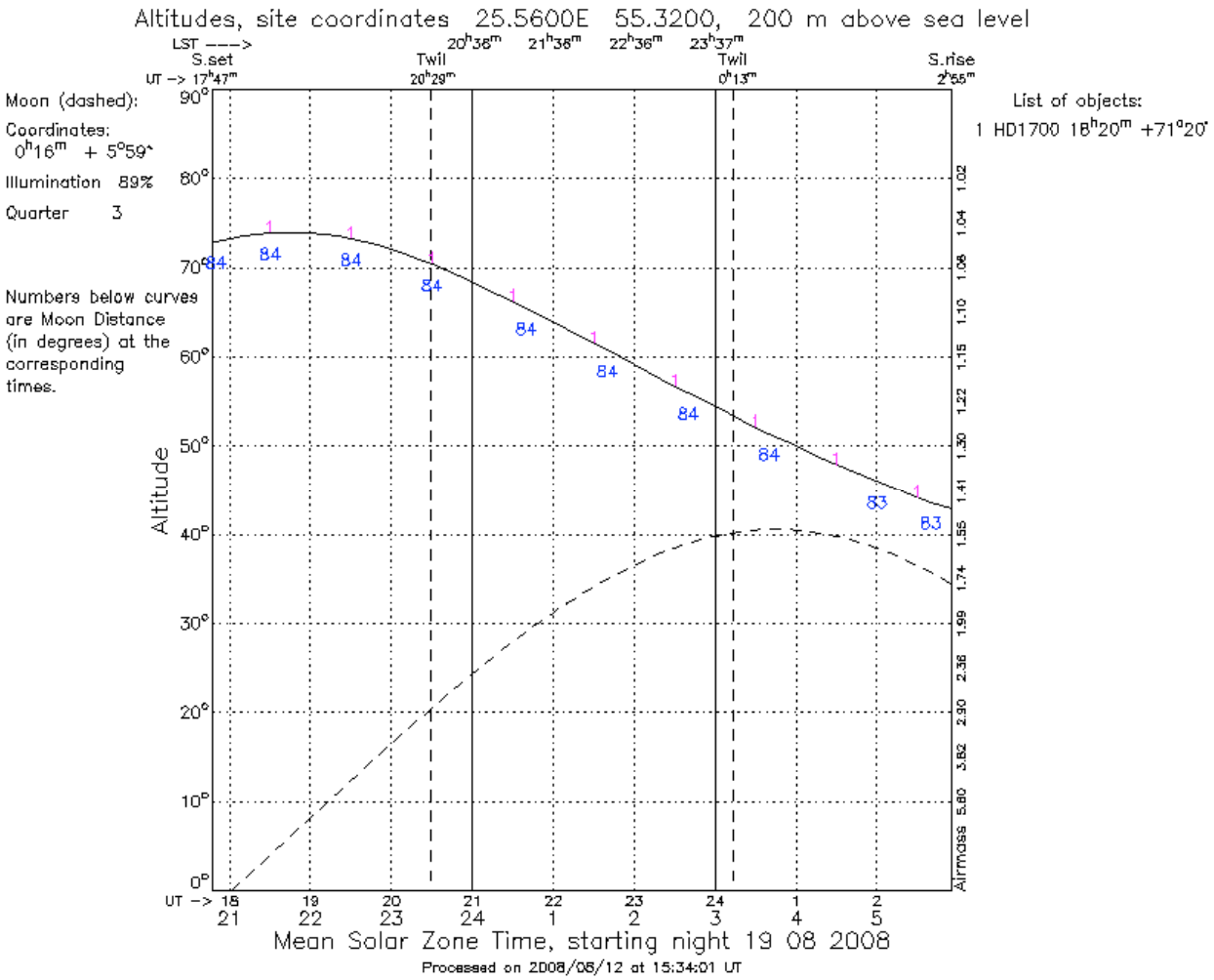
Team: 9/I

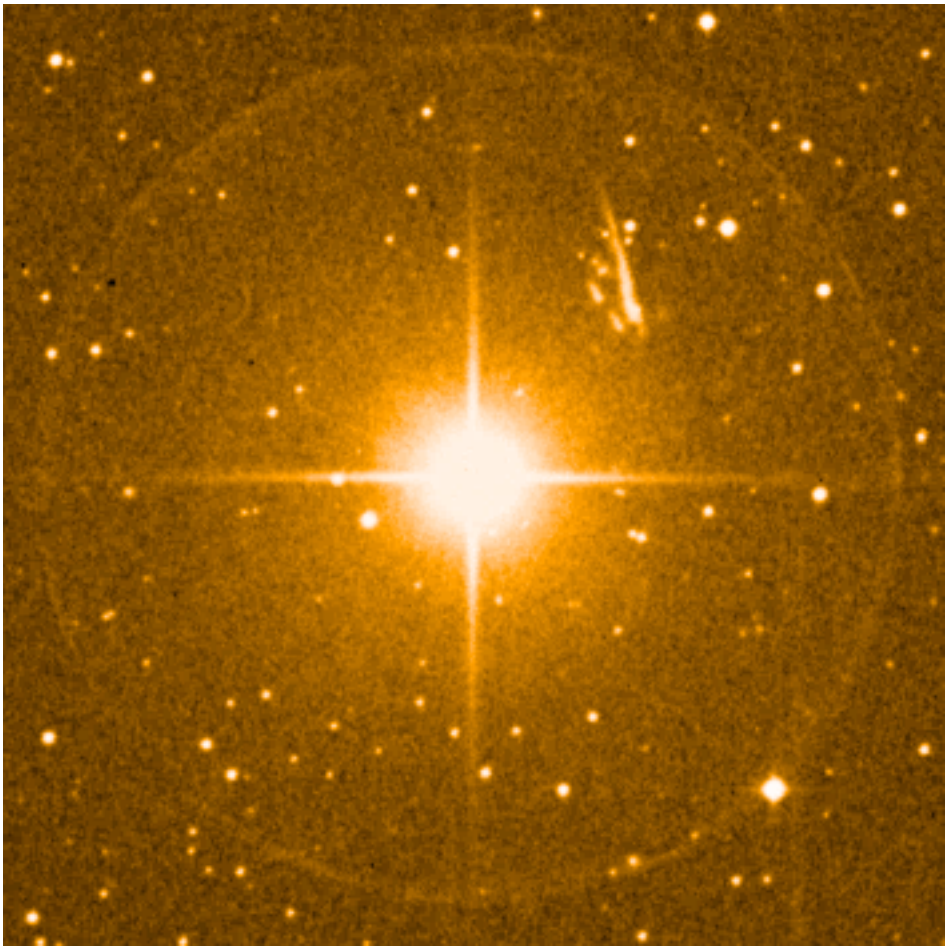
Telescope: NOT

Night: 19 August: 23:00-02:00

Proposed target: Doppler imaging of HD 170000
V=4.22
An exposure time of 60 sec gives a SN~200
in High-res mode

Coordinates: 18 20 45.4304 +71 20 16.132



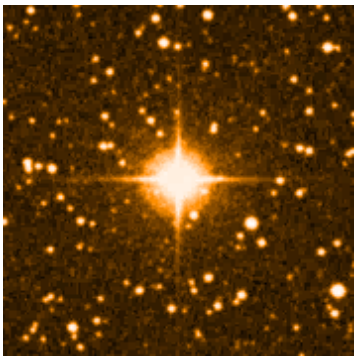


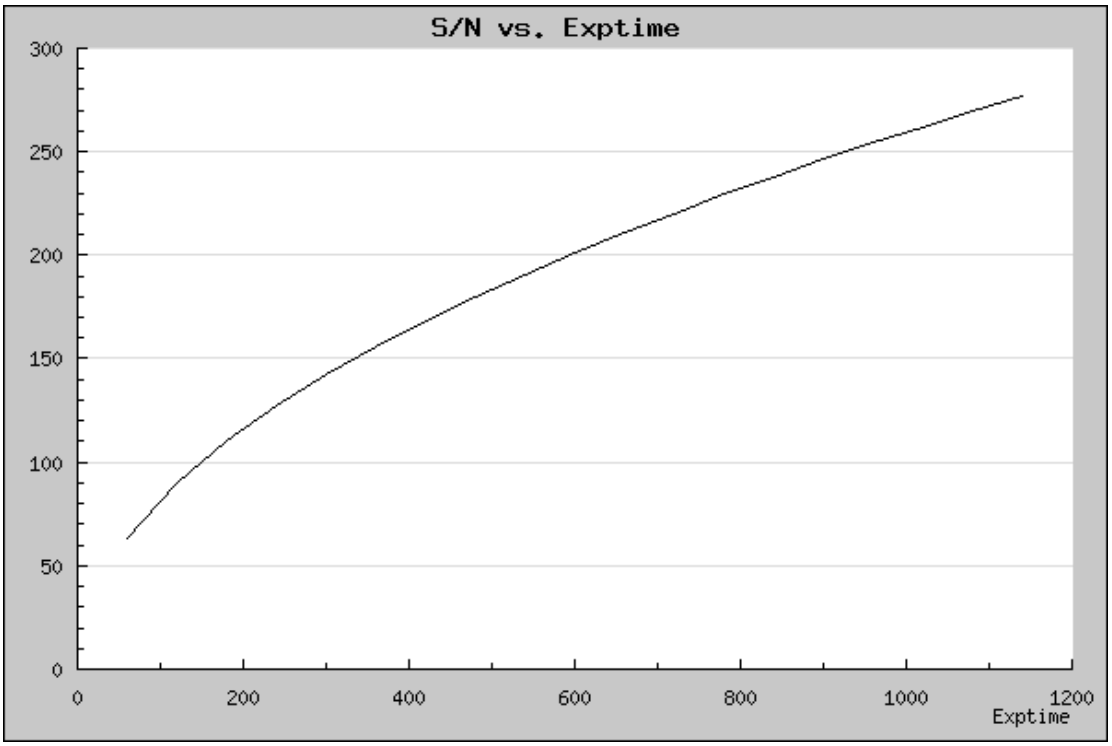
10x10 arcmin

Team: 10 / J
Telescope: NOT
Night: 19 August: 02:00 - 04:15
1st target: 02:00 - 03:00
2nd target: 03:10 - 04:15

Proposed target:

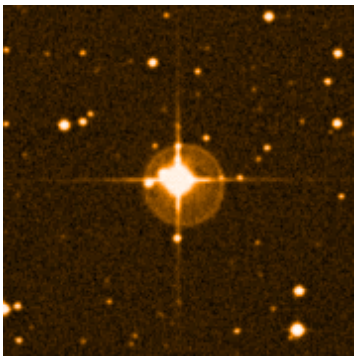
1st target: Doppler Imaging (spots) of Ap stars:
HD 184905
V = 6.62 mag
α: 19:34:43.9 δ: +43:56:45.0

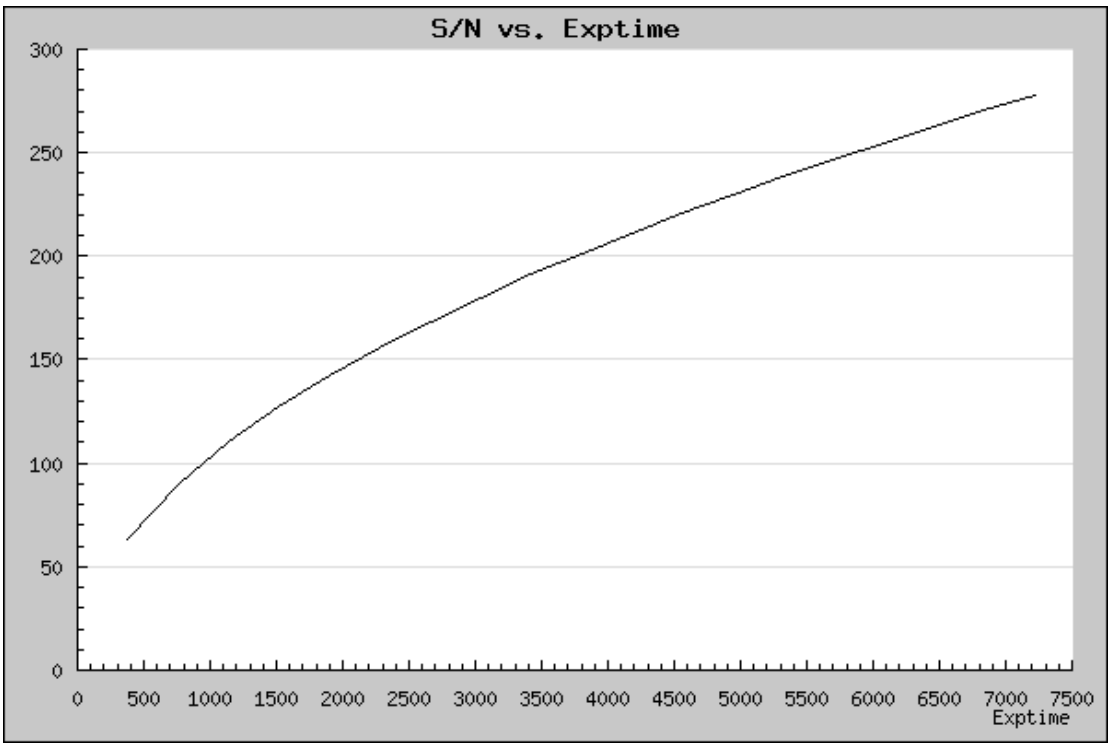




SNR calculator results for 184905.

2nd target: Red Horizontal Branch (RHB) and Early Asymptotic Giant Branch (EAGB) used to study effects of evolution:
HD 204543
V= 8.60 mag
α: 21:29:28.2 δ: -03:30:55.3

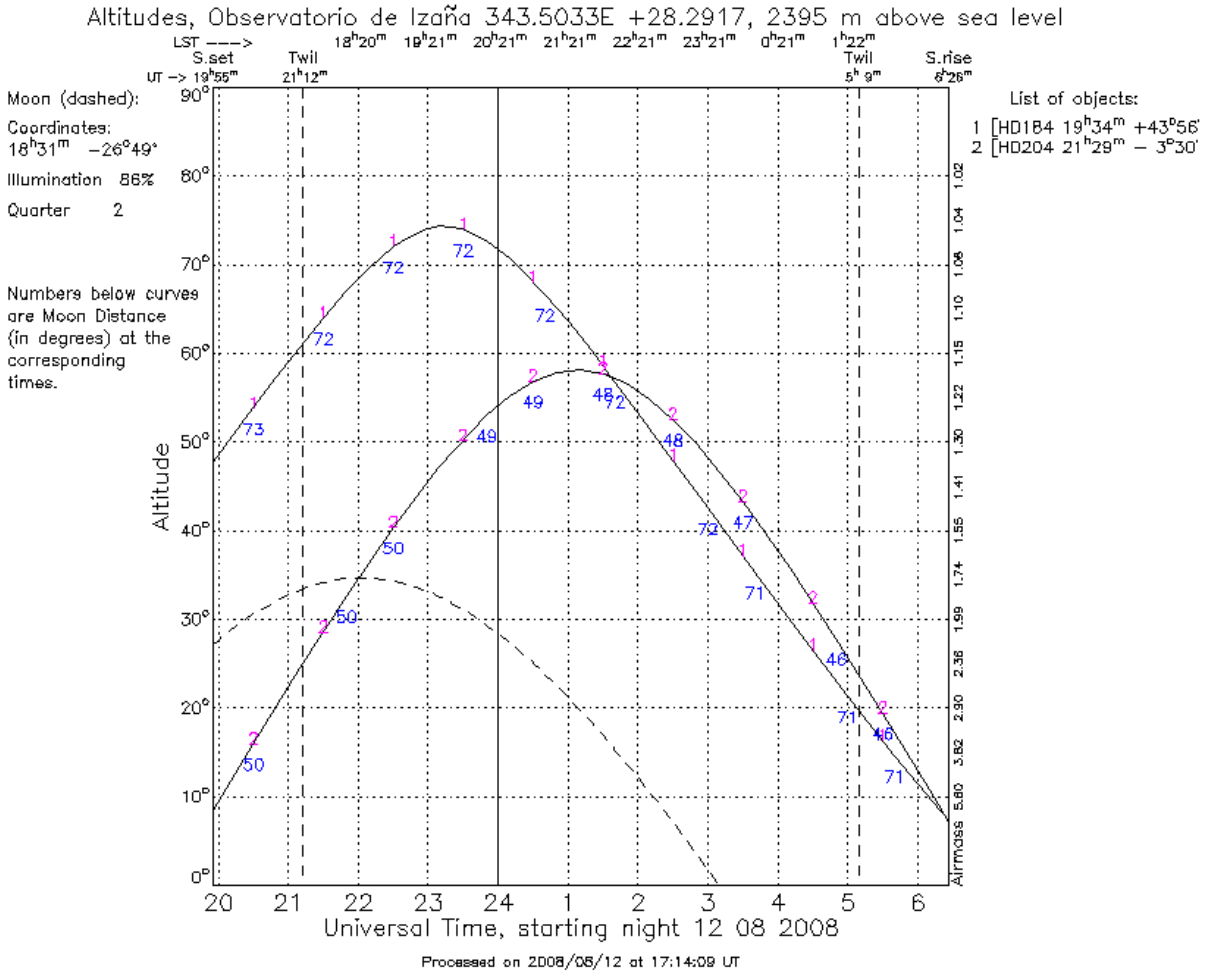




SNR calculator results for HD 204543

HD 184905
Airmass = 1.3
FIES High resolution
Band = R#76 (6500A)
Exposure Time = 600 s
V = 6.6 mag

HD 204543
Airmass = 1.3
FIES High resolution
Band = R#76 (6500A)
Exposure Time = 3800 s
V = 8.6 mag


Altitudes, Observatorio de Izaña 343.5033E +28.2917, 2395 m above sea level
LST ---->
S.set
UT -> 19h55m
Twil
21h12m
18h20m 19h21m 20h21m 21h21m 22h21m 23h21m 0h21m 1h22m
Twil
5h 9m
S.rise
6h26m
Moon (dashed):
Coordinates:
18h31m −26°49'
Illumination 86%
Quarter 2
Numbers below curves are Moon Distance (in degrees) at the corresponding times.
List of objects:
1 [HD184 19h34m +43°56'
2 [HD204 21h29m − 3°30'
Altitude
Airmass
Universal Time, starting night 12 08 2008
Processed on 2008/05/12 at 17:14:09 UT