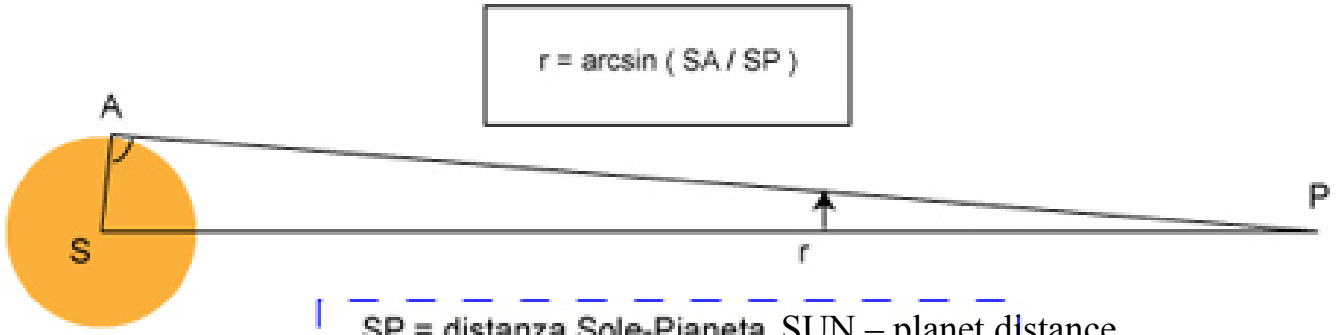
The SUN seen from a planet



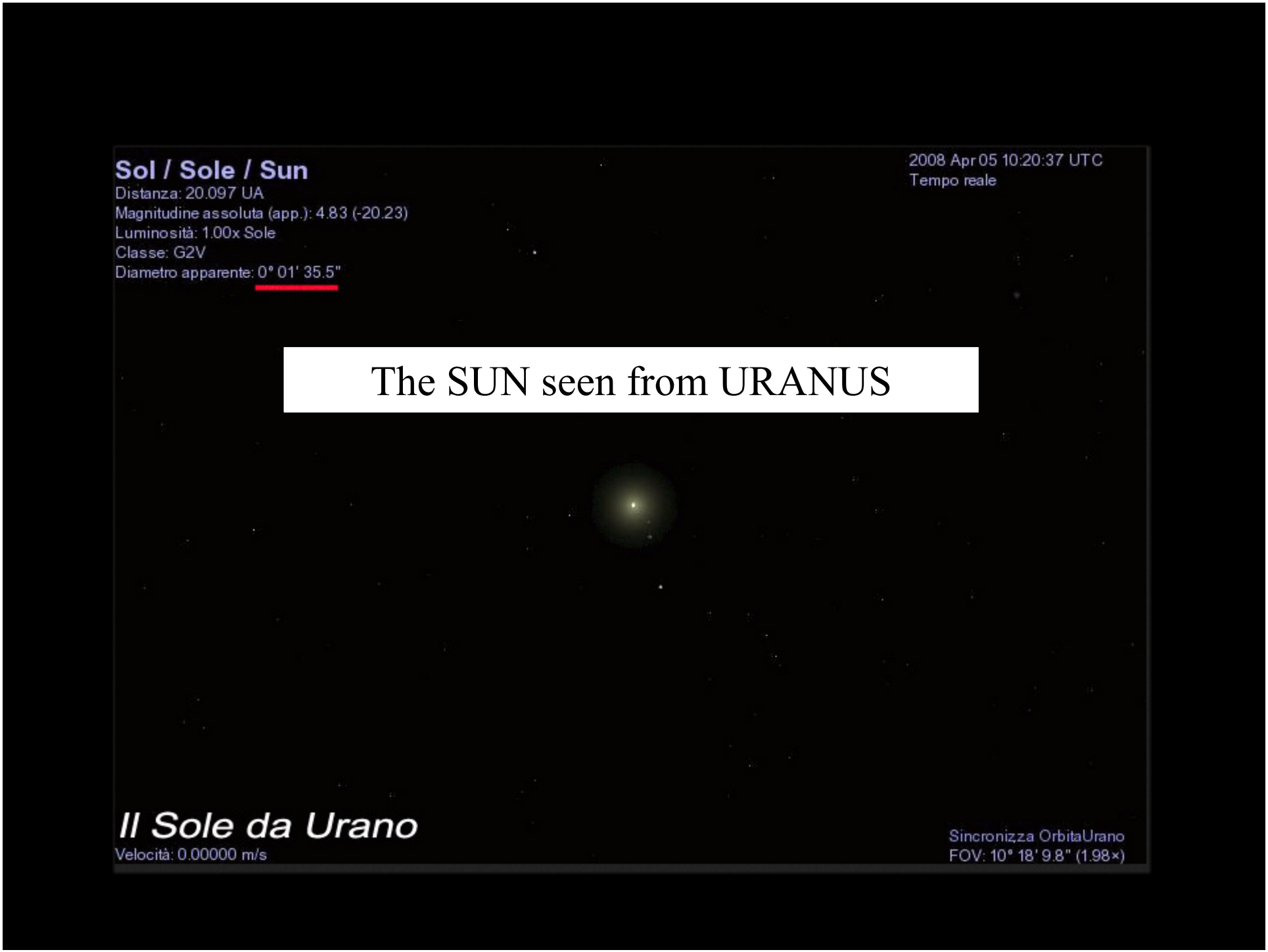
SP = distanza Sole-Pianeta SUN – planet distance
SA = raggio del Sole SUN radius

$\widehat{APS}$ = r = semidiametro del Sole visto da P

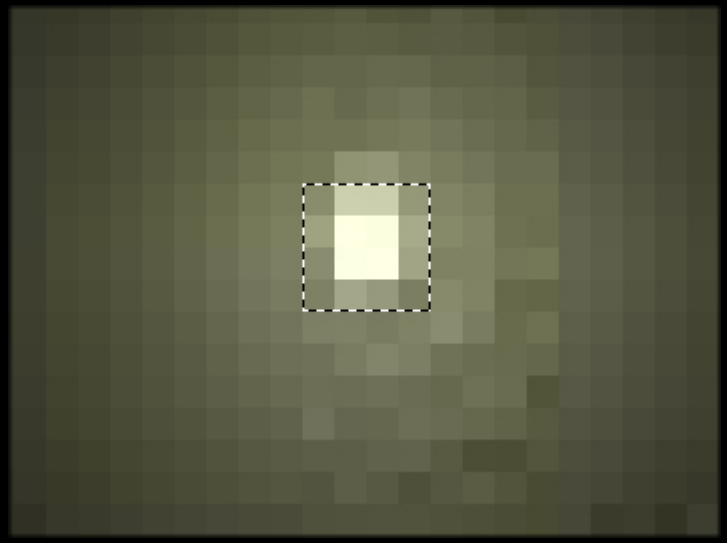
Semidiameter of the SUN seen fro the planet

The SUN seen from URANUS has an apparent diameter of:

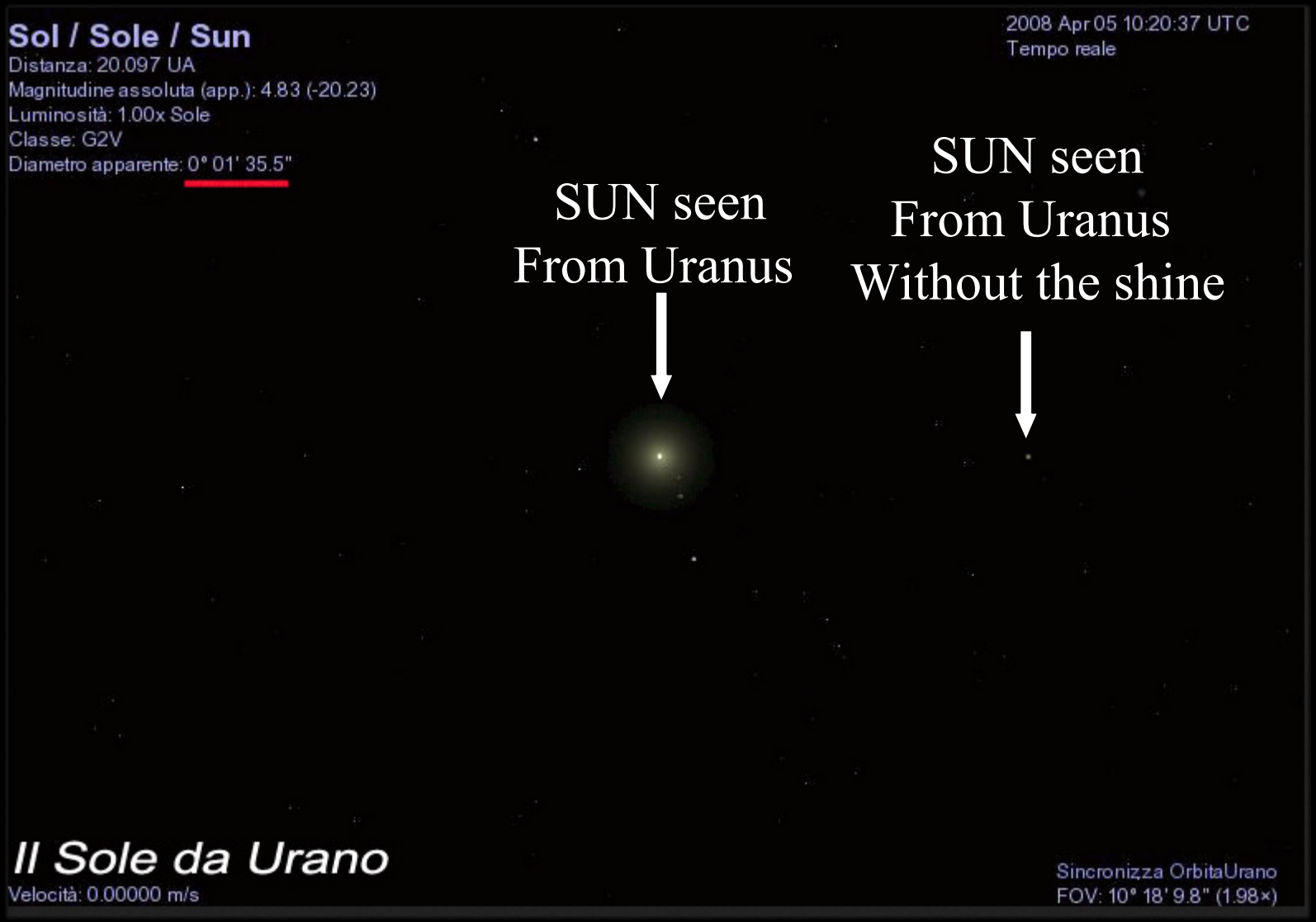
0° 01’ 35″ and a magnitudo of -20.23

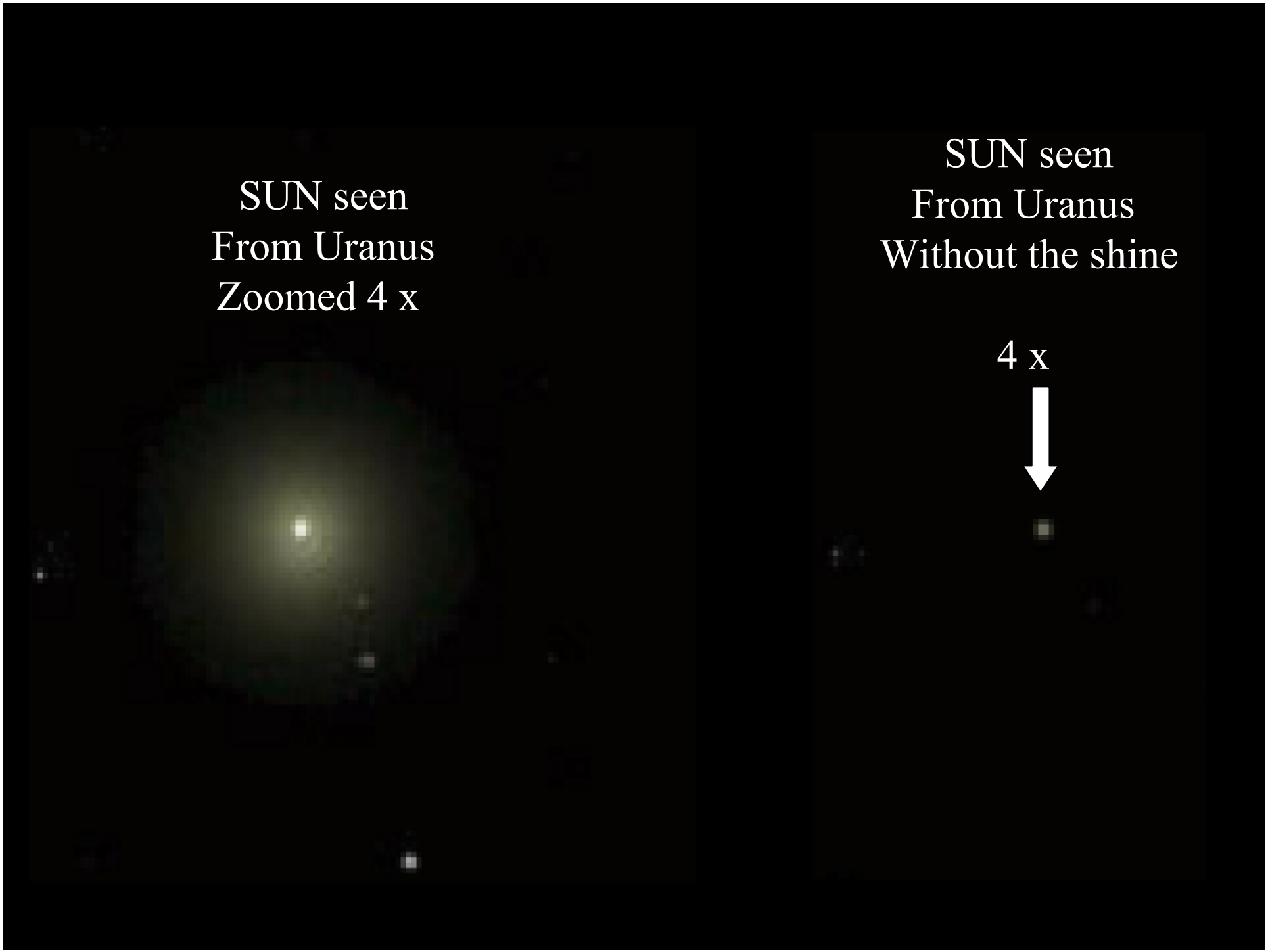

Sol / Sole / Sun
Distanza: 20.097 UA
Magnitudine assoluta (app.): 4.83 (-20.23)
Luminosità: 1.00x Sole
Classe: G2V
Diametro apparente: 0° 01' 35.5"
2008 Apr 05 10:20:37 UTC
Tempo reale
The SUN seen from URANUS
Il Sole da Urano
Velocità: 0.00000 m/s
Sincronizza OrbitaUrano
FOV: 10° 18' 9.8" (1.98×)

Zoom 16 x
We get the center part of the SUN seen from URANUS
Without the external shine



Zoom


Sol / Sole / Sun
Distanza: 20.097 UA
Magnitudine assoluta (app.): 4.83 (-20.23)
Luminosità: 1.00x Sole
Classe: G2V
Diametro apparente: 0° 01' 35.5"
2008 Apr 05 10:20:37 UTC
Tempo reale
SUN seen
From Uranus
SUN seen
From Uranus
Without the shine
Il Sole da Urano
Velocità: 0.00000 m/s
Sincronizza OrbitaUrano
FOV: 10° 18' 9.8" (1.98×)


SUN seen
From Uranus
Zoomed 4 x
SUN seen
From Uranus
Without the shine
4 x

Now we should consider this:

1 – second sun is smaller

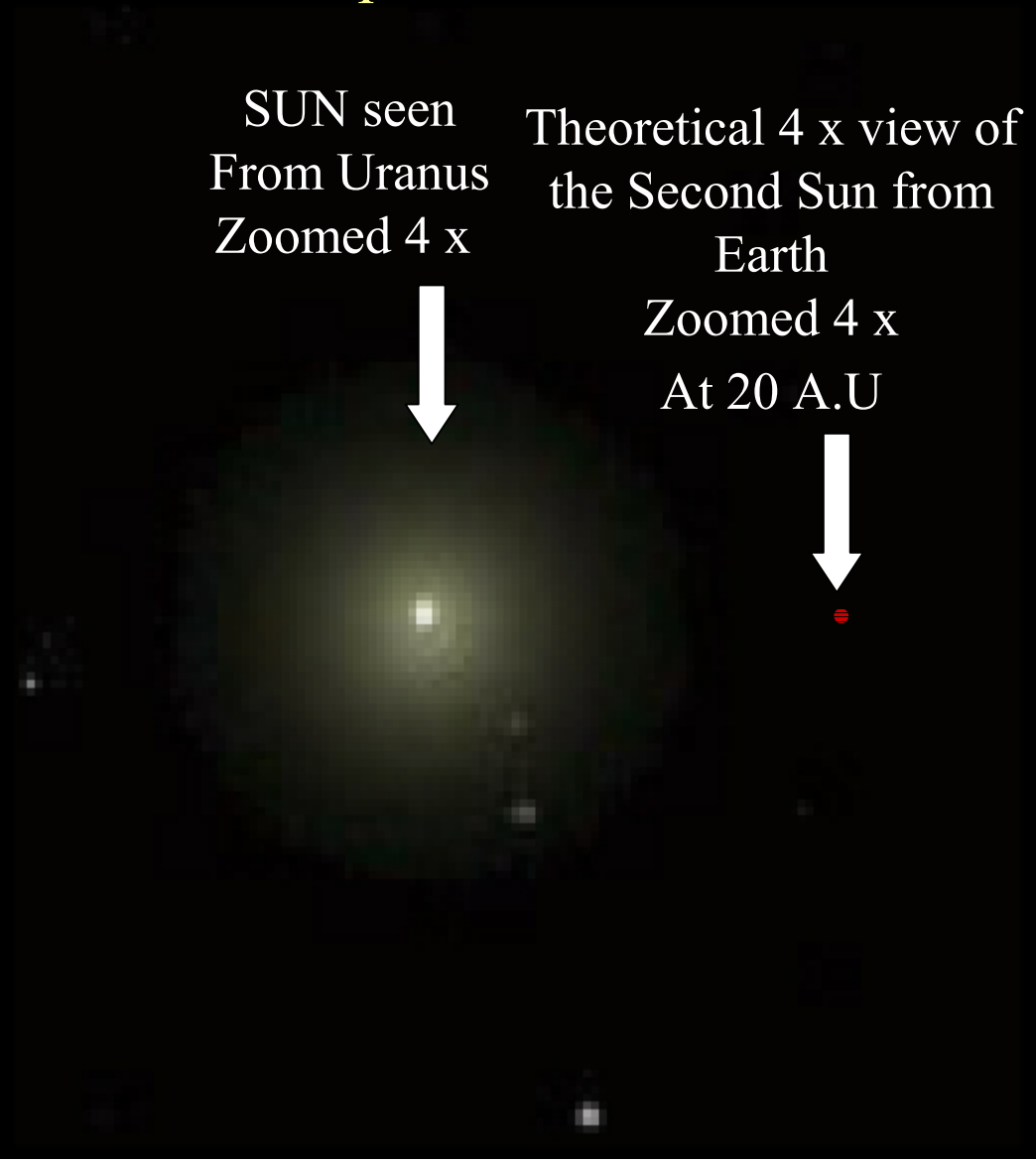
2 – second sun does not have the same internal shining

3 – the color should be more toward red or darker untill it will get much nearer at least at 10 A.U. on 13th May 2017

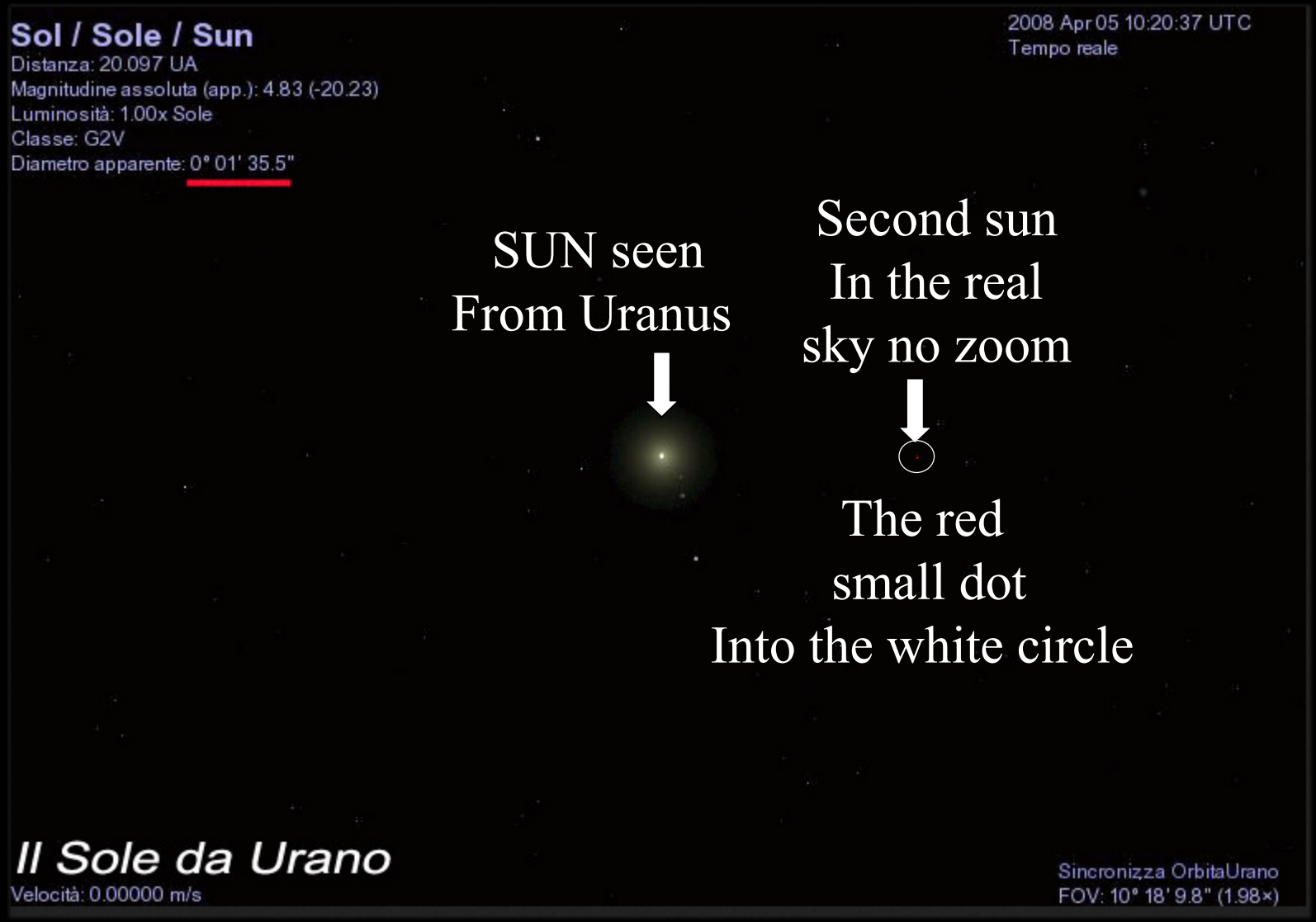
This the comparison and a further consideration is:
With perfect sky during night- difficult to see its 3 or 4 planets around

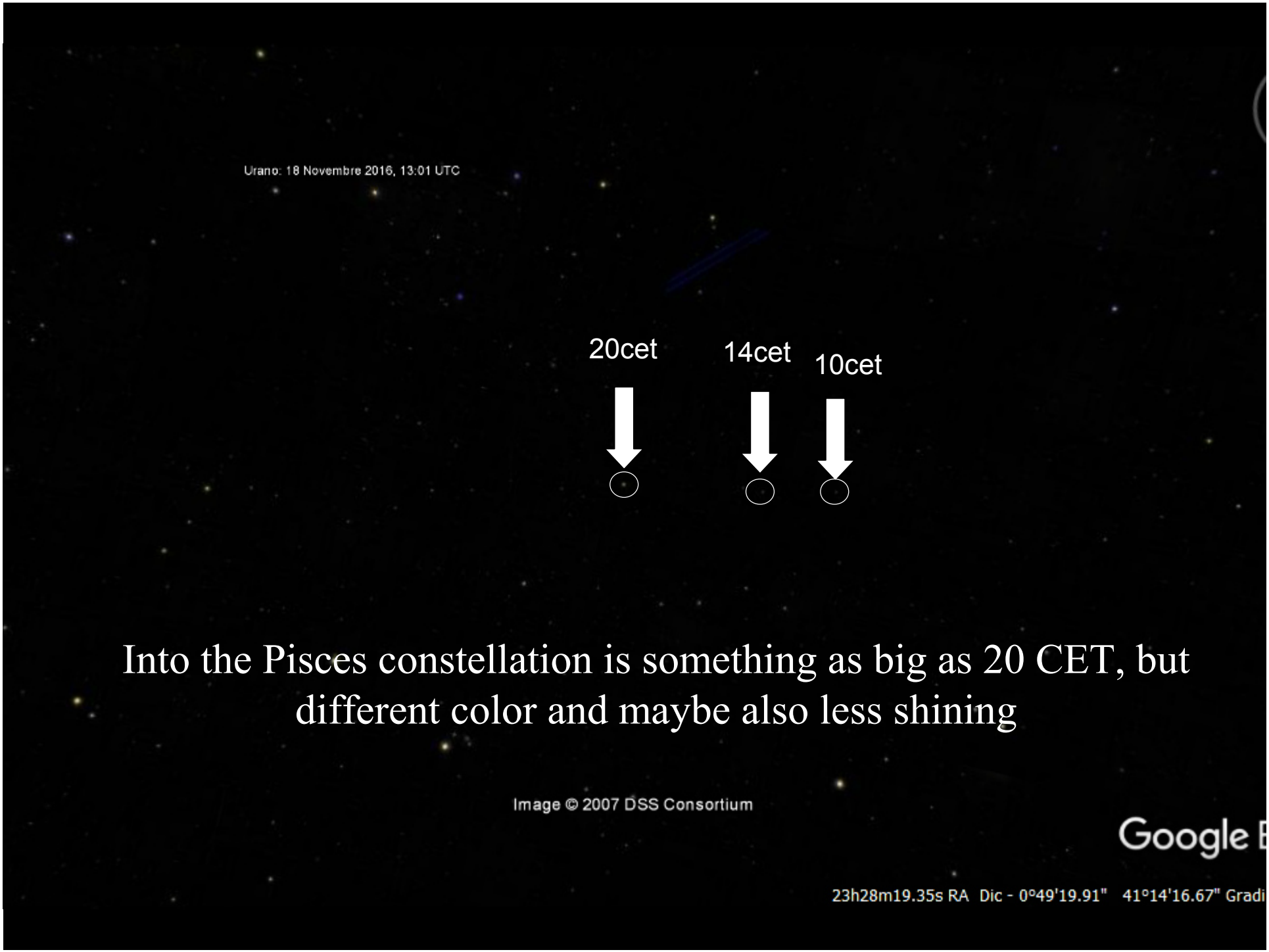
SUN seen
From Uranus
Zoomed 4 x

Theoretical 4 x view of
the Second Sun from
Earth
Zoomed 4 x
At 20 A.U



This the comparison in real sky the Second Sun seen from Earth
Moreover confused with other stars and not perfectly knowing where to look at




Urano: 18 Novembre 2016, 13:01 UTC
20cet
14cet
10cet
Into the Pisces constellation is something as big as 20 CET, but different color and maybe also less shining
Image © 2007 DSS Consortium
Google E
23h28m19.35s RA Dic - 0°49'19.91" 41°14'16.67" Gradi