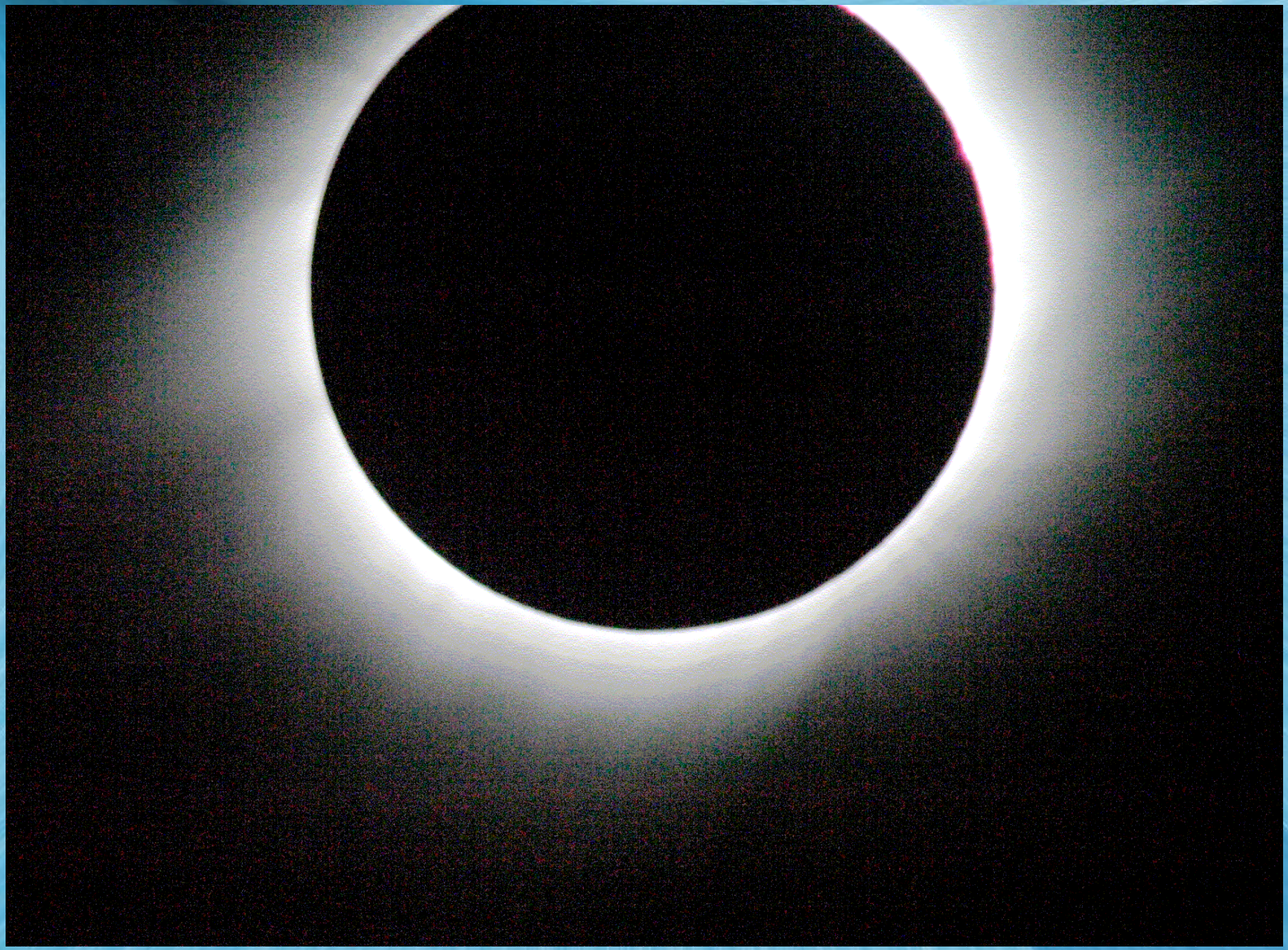
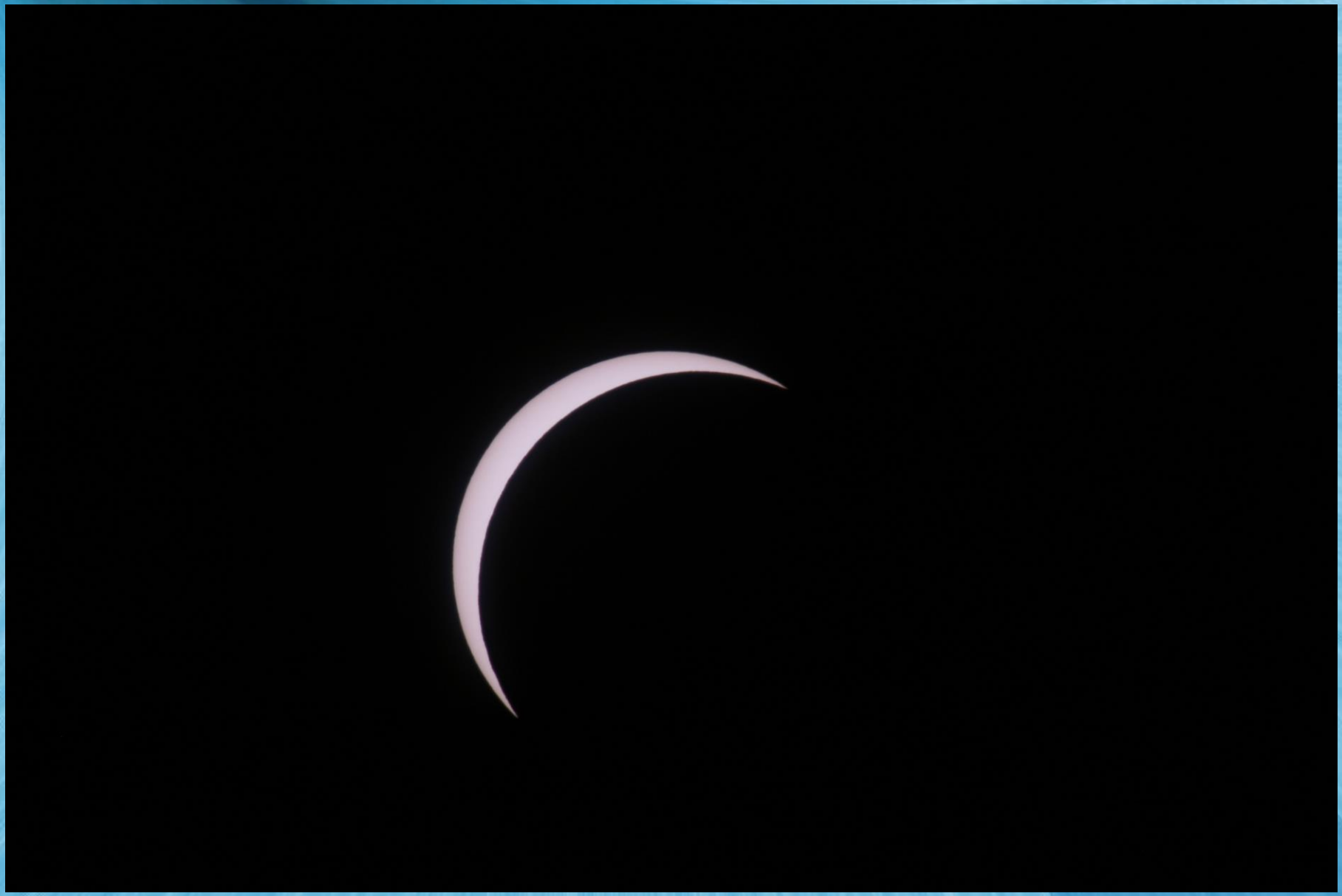
Some Astrophotography Pictures (and a few terrestrial ones too)

Alphonse C. Sterling

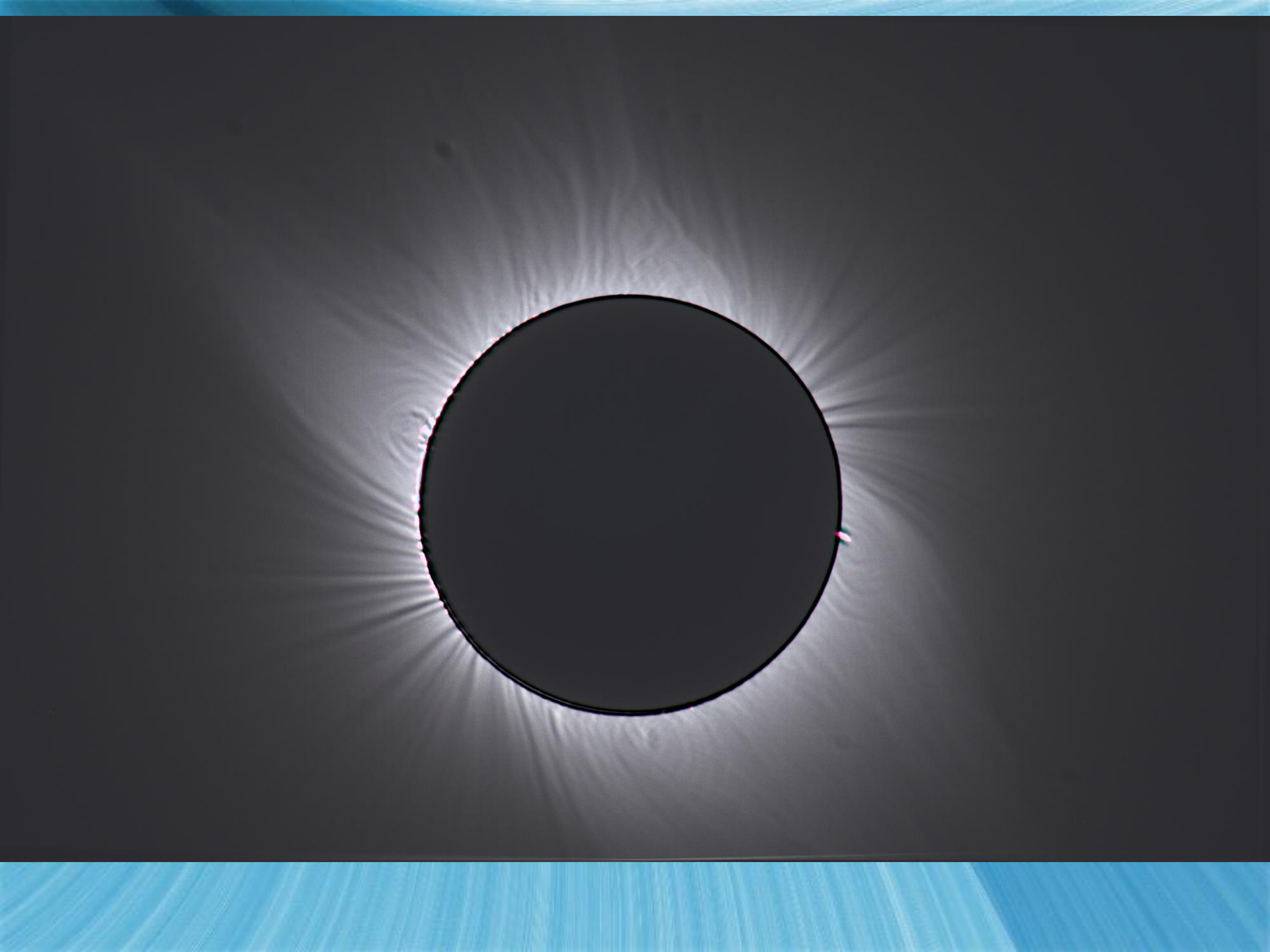
The Sun

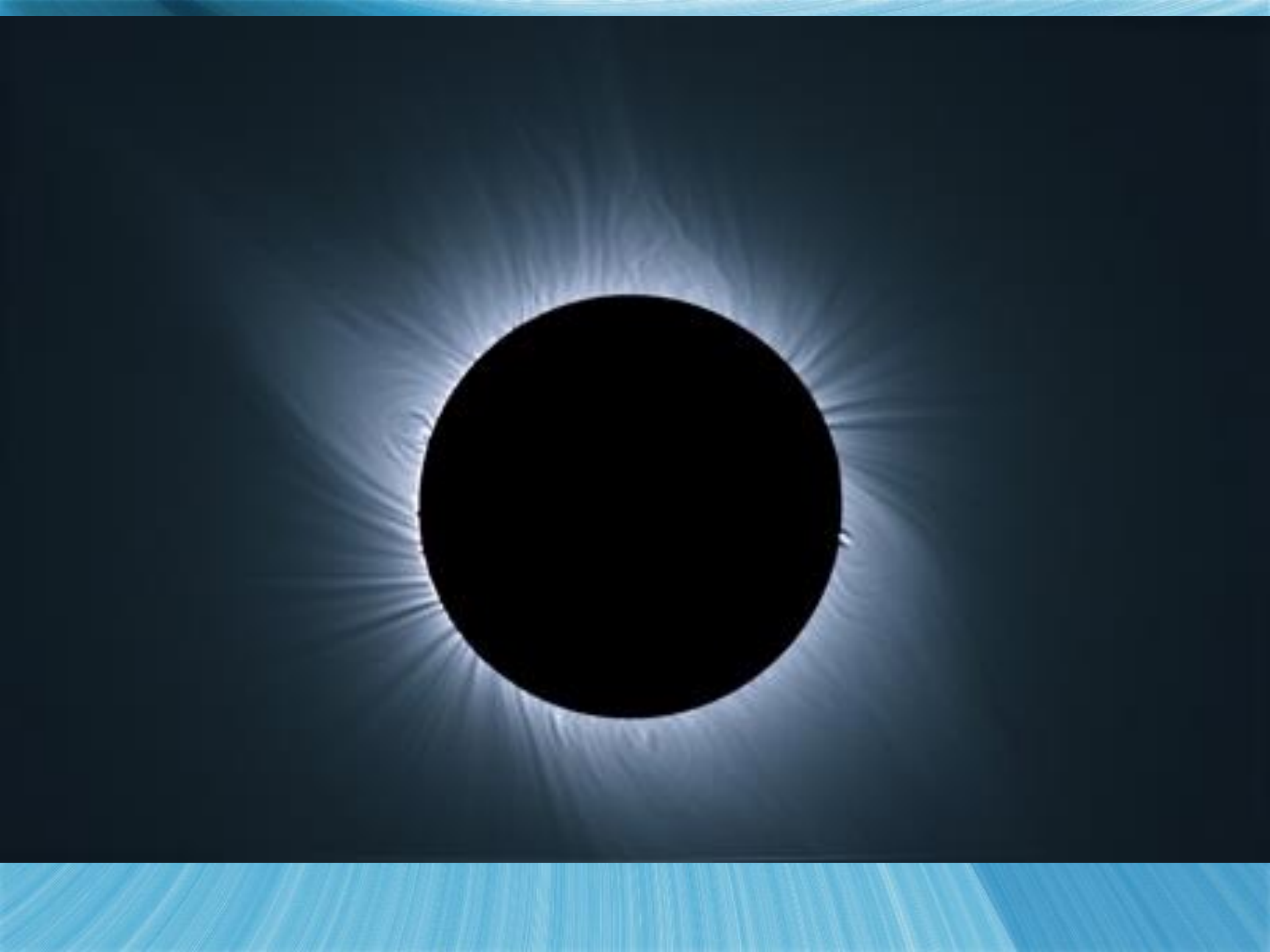



Rotella
OPEL



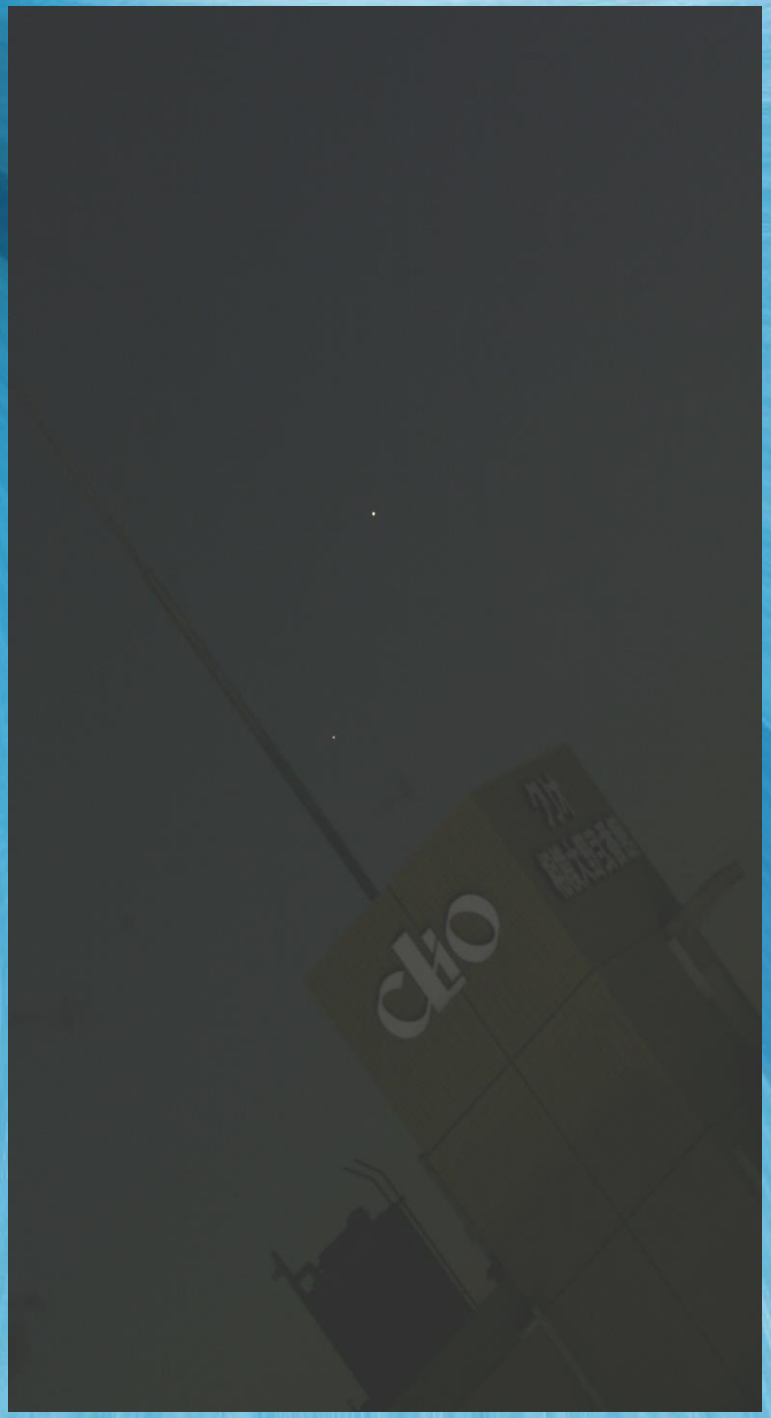

KONA HAWAII





Other Solar System Objects

Mercury

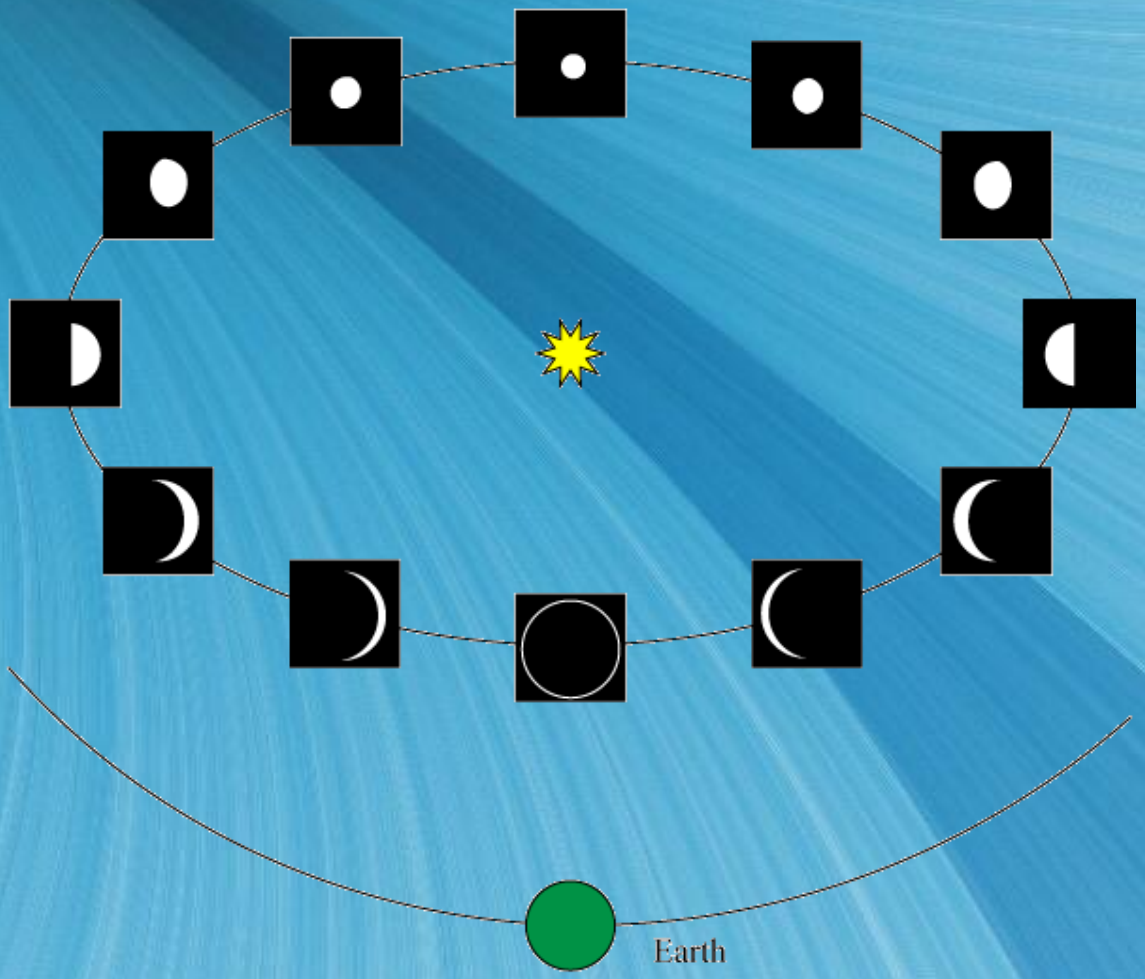


Jupiter (top) and Mercury: 12/31/2008, 5:25 pm JST

Suisei, WO98, 110910


Suisei, C11 (red) 120825

Phases of Venus as Seen From Earth



Venus

Venus: 08/26/2010

Venus: 09/19/2010

Kinsei, WO98, 100919

Venus: 11/25/2010

Venus: 12/02/2010

Earth


EM-11


DURA-BRIGHT


Multiple Filter Wheel
IMAGINGSOURCE
ON
OFF
Eo-C


20 May 2012 22:35:02 UT


20 May 2012 22:35:22 UT


EOS
EM-11


TAKAHASHI

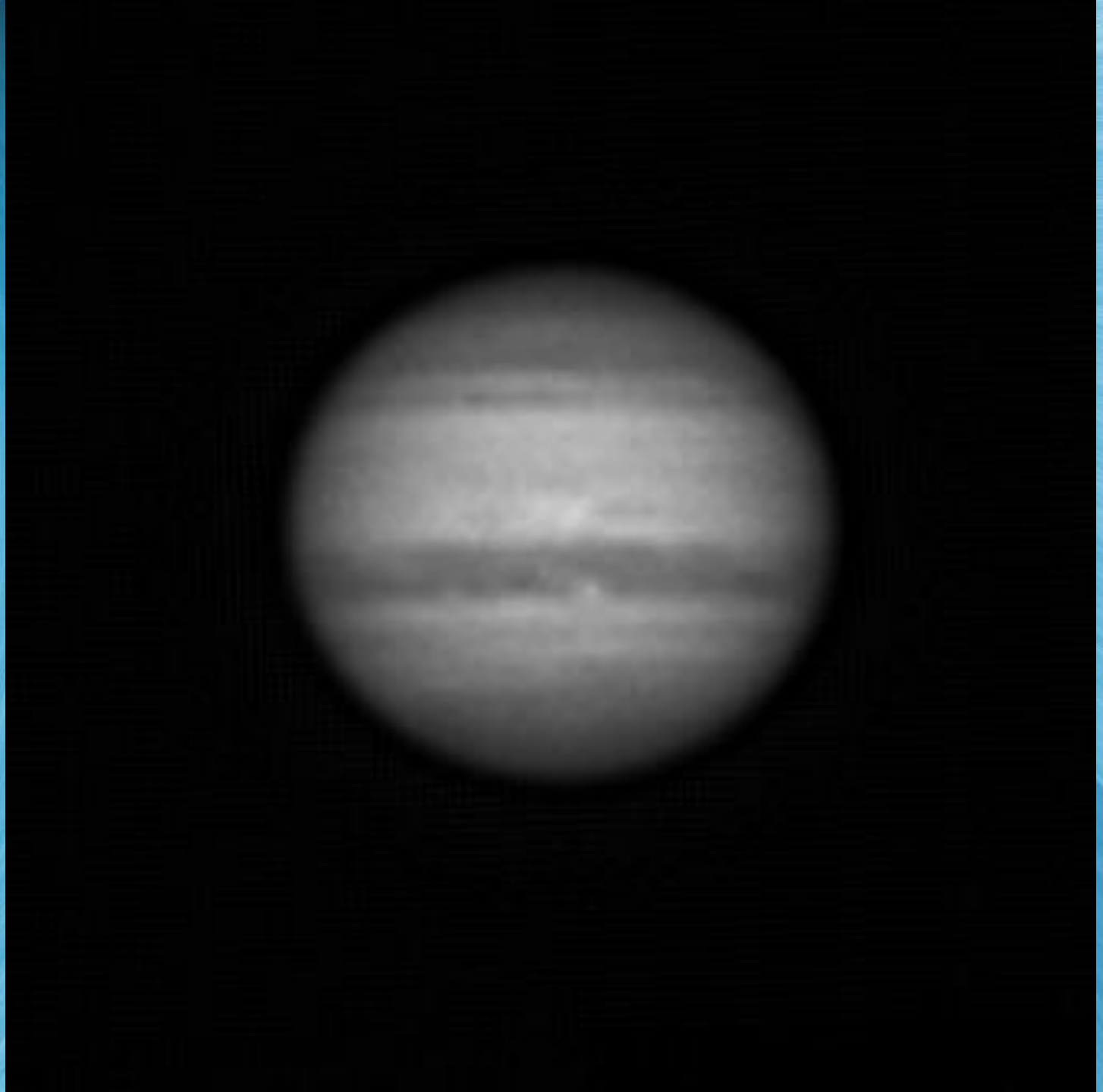

CELESTRON
ORION
USD-3
TAKAHASHI
EM-200

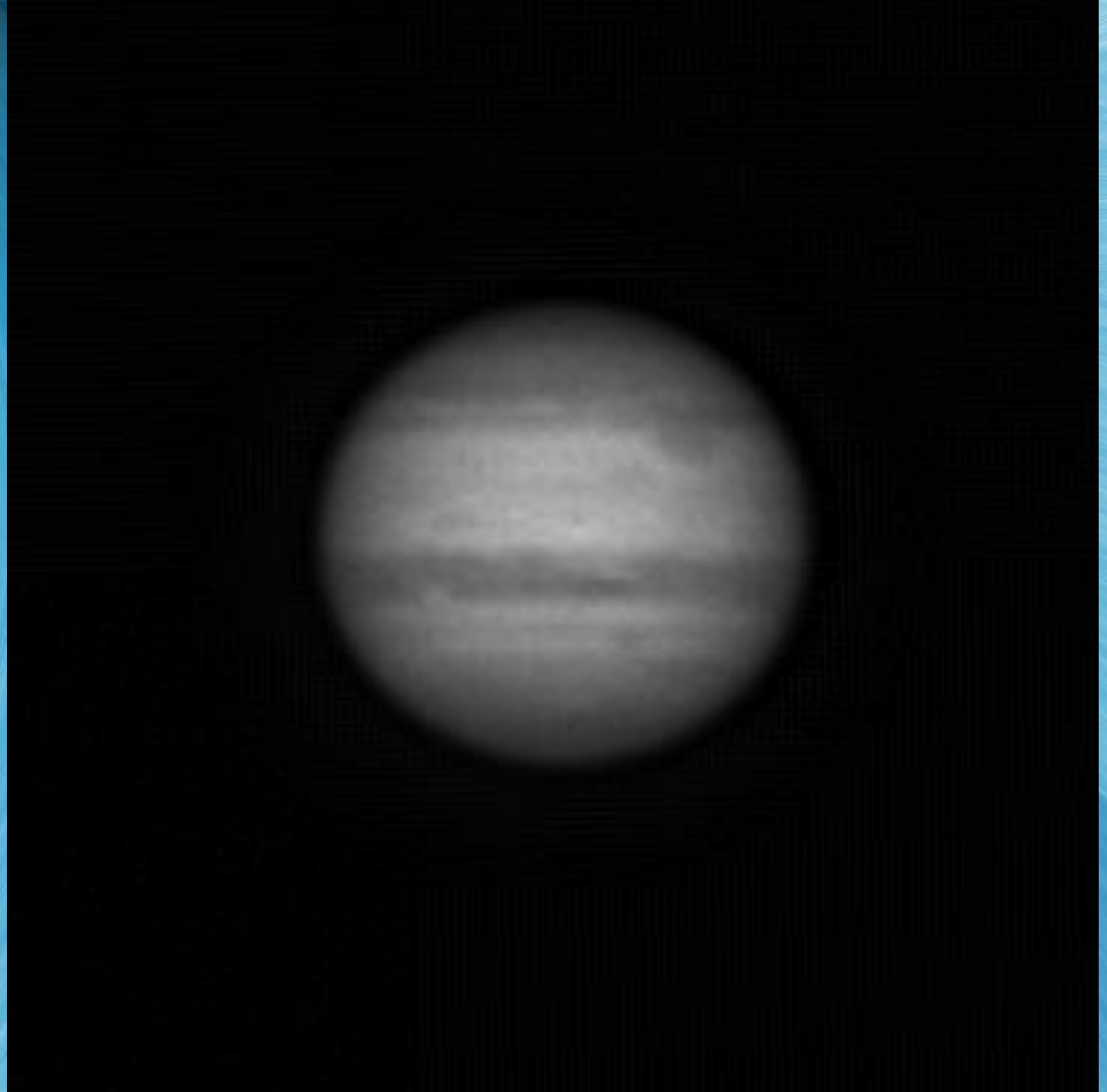
Our Moon

2011 December 10 Lunar Eclipse

Mars

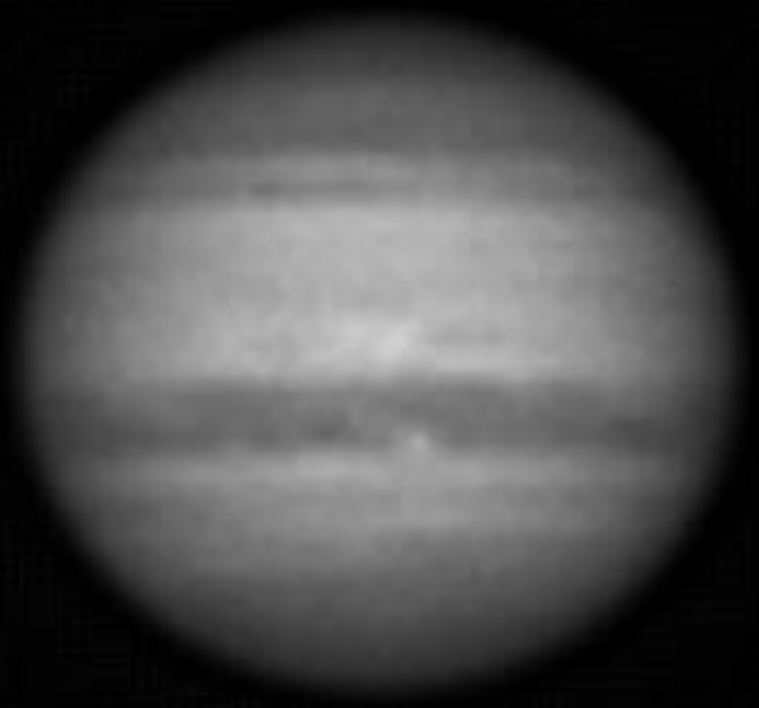
Jupiter



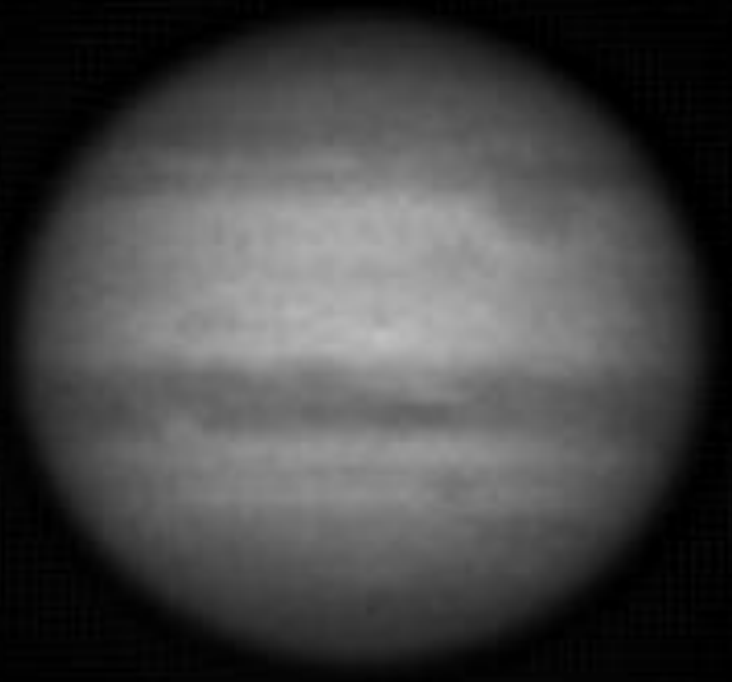


Jupiter’s Rotation

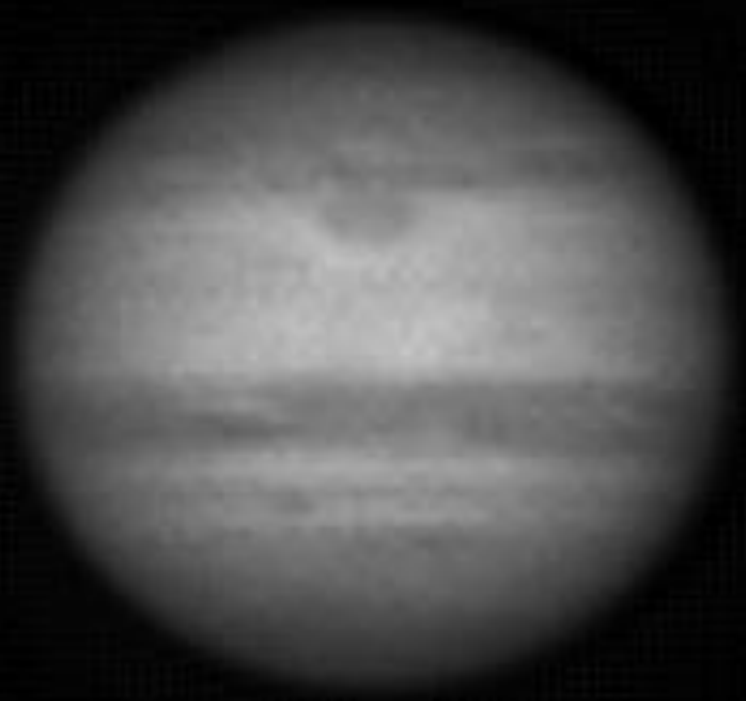
21 Sep 2009, 21:41 JST



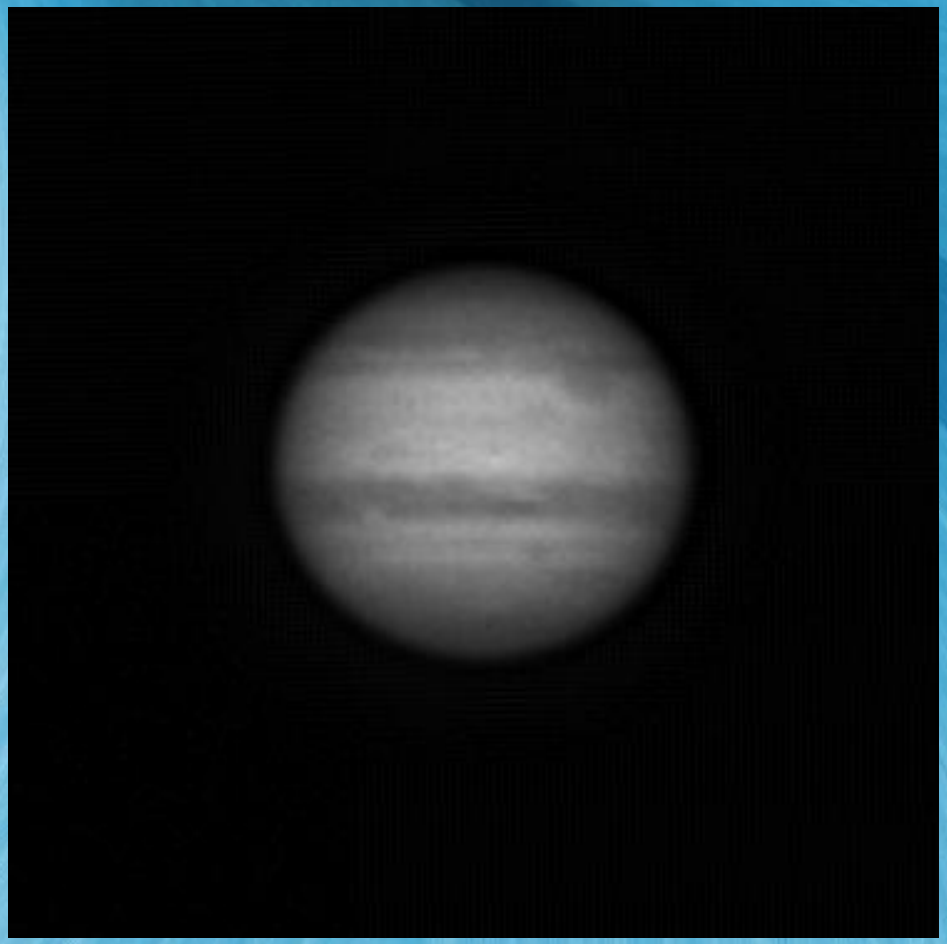
21 Sep 2009, 22:46 JST

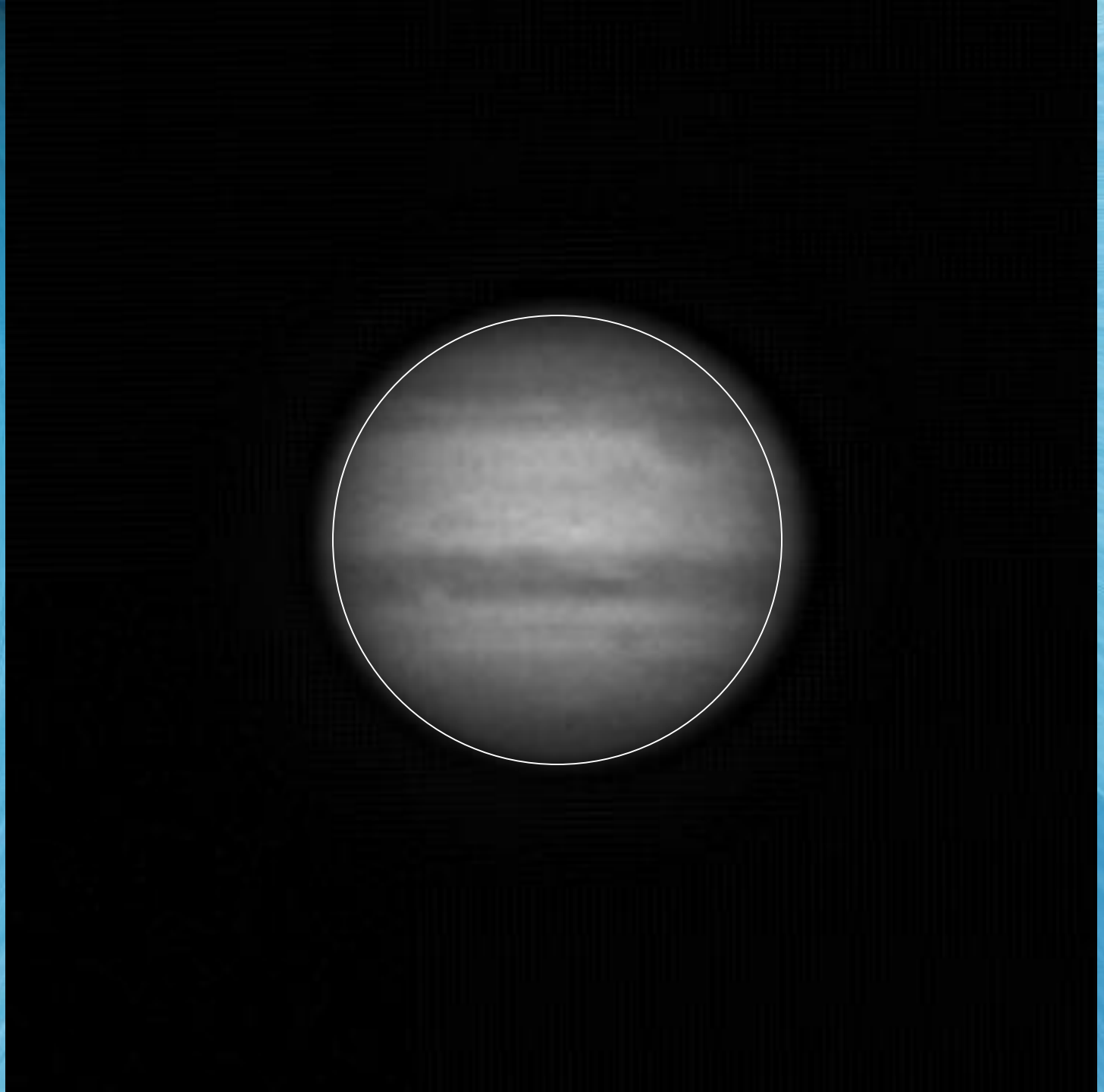


21 Sep 2009, 23:39 JST




22 Sep 2009, 00:41 JST





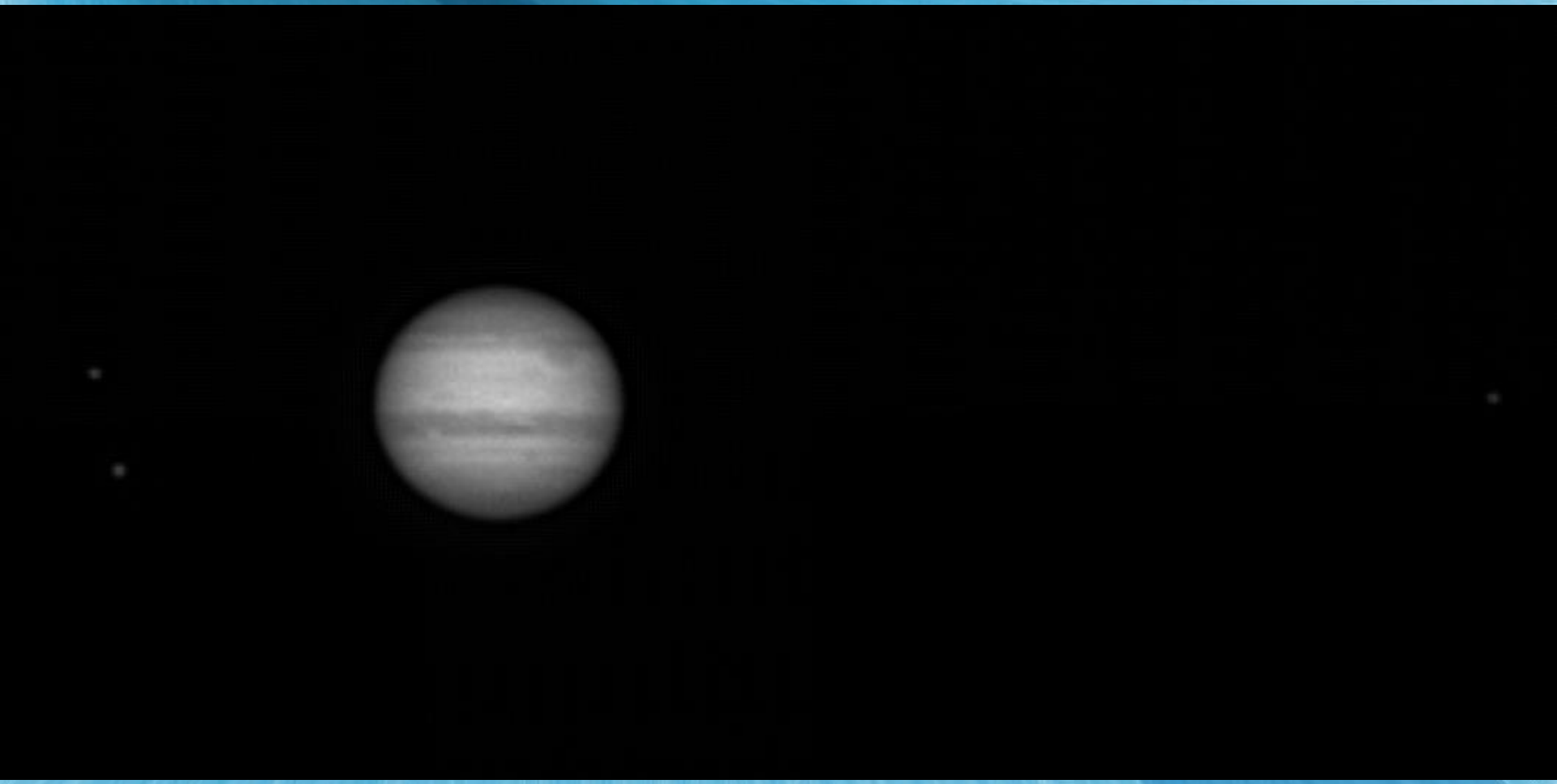
Jupiter's (Large) Moons

Four large "Galilean" satellites:

Europa, Io, Ganymede, Callisto

21 Sep 2009, 21:41 JST

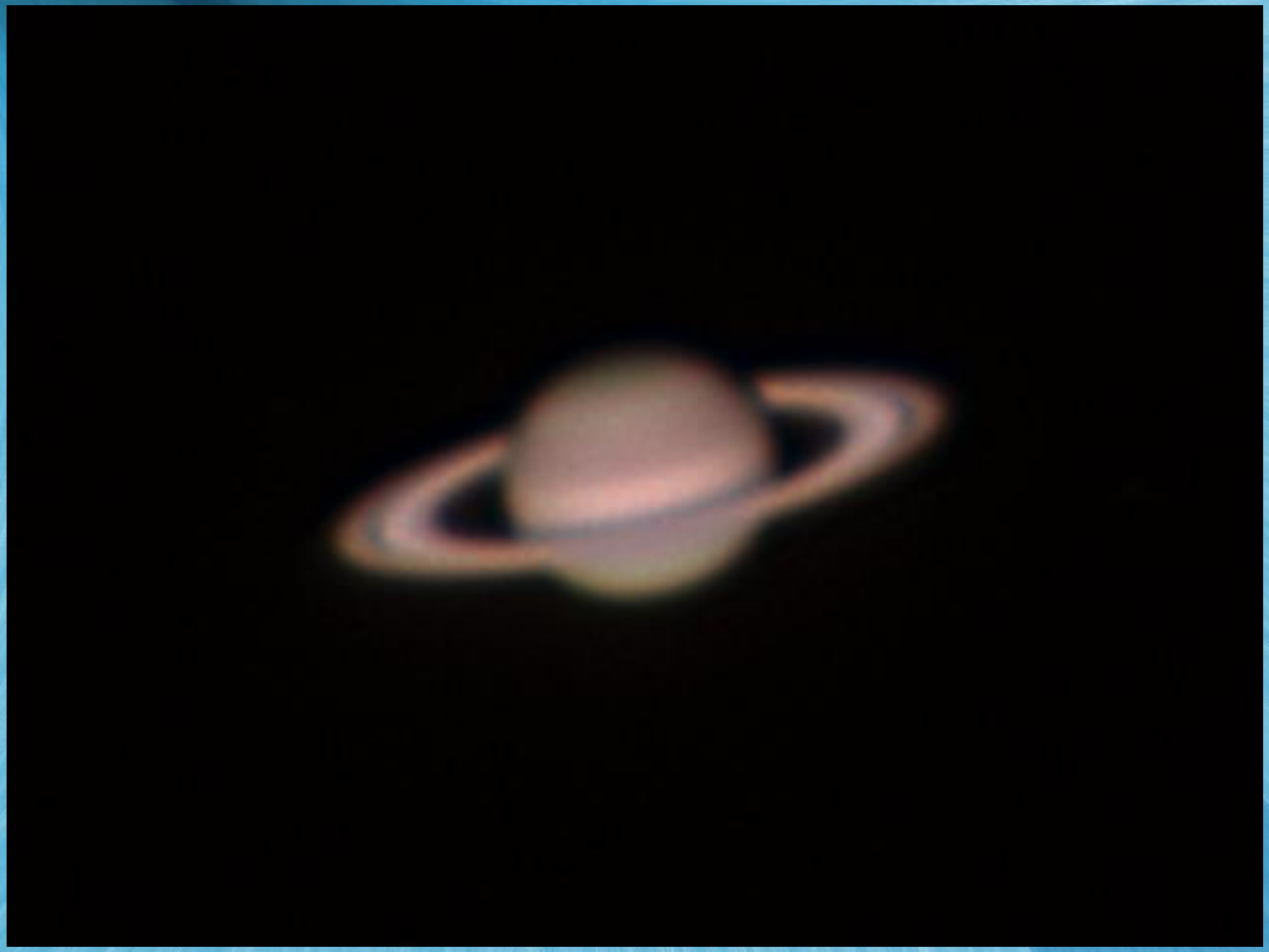
21 Sep 2009, 22:46 JST

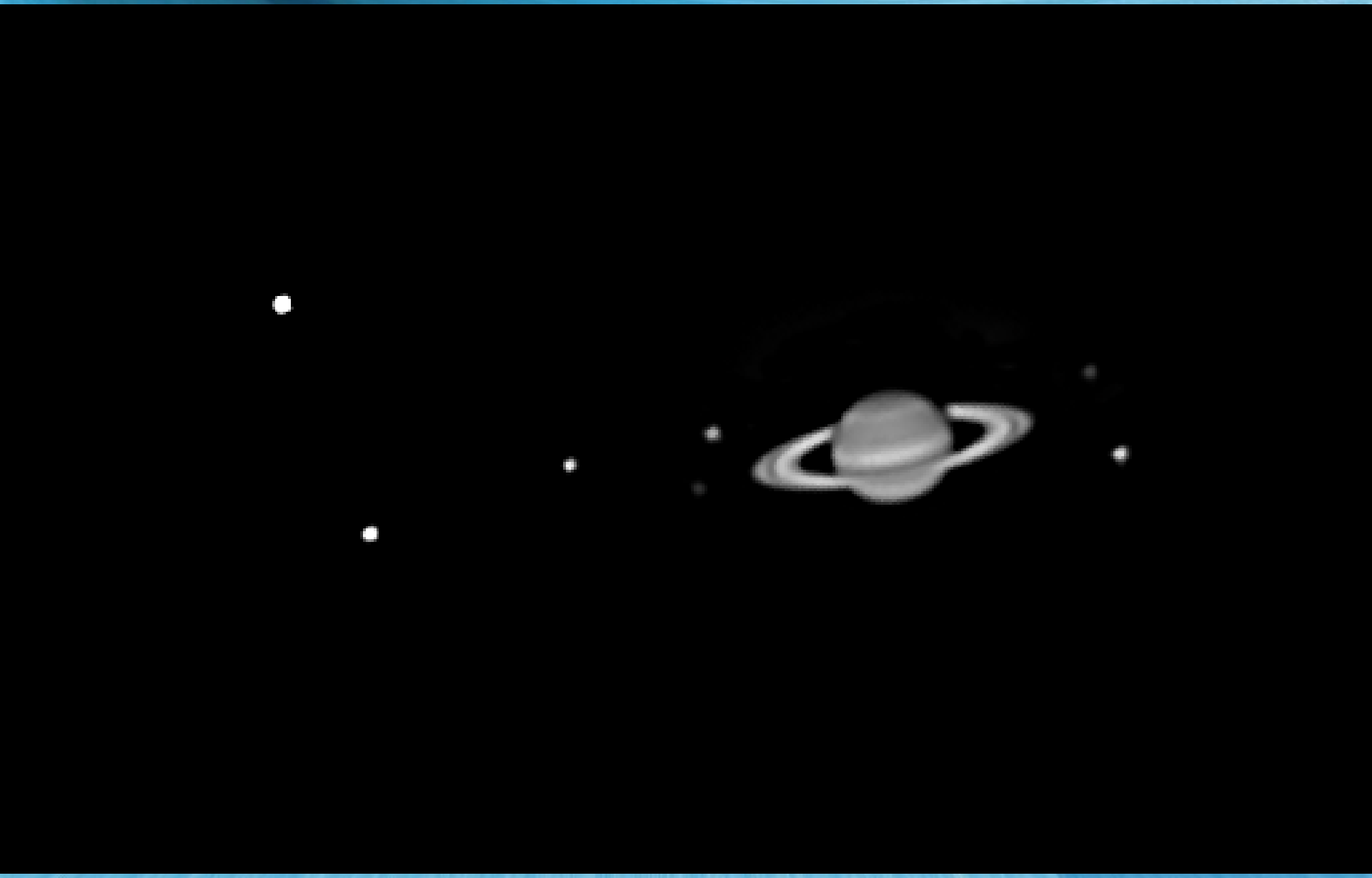


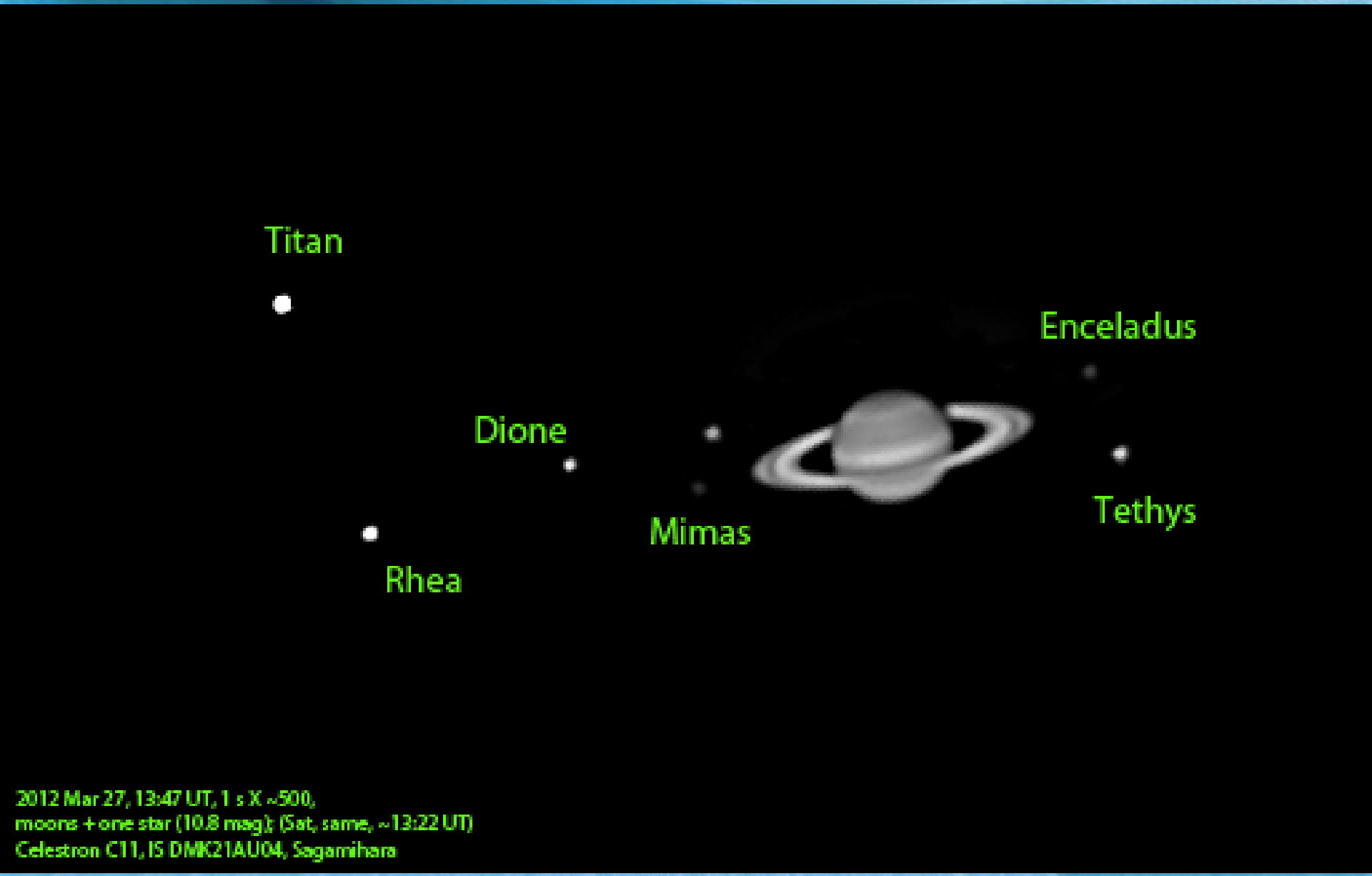

21 Sep 2009, 23:39 JST
G
I
E
C


22 Sep 2009, 00:41 JST

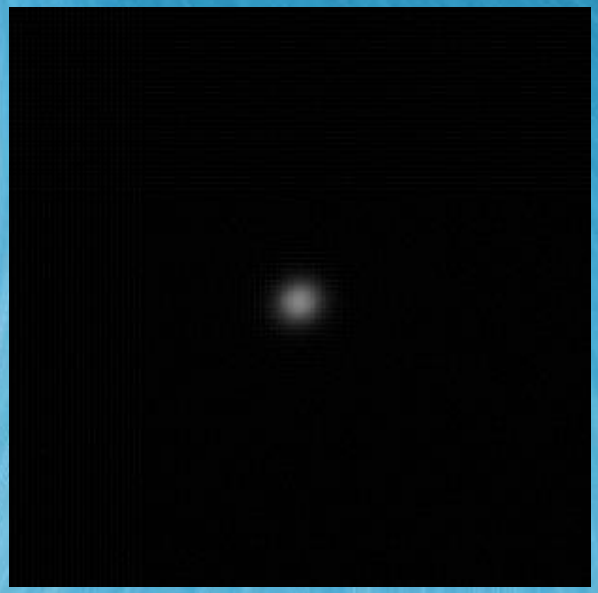
Saturn

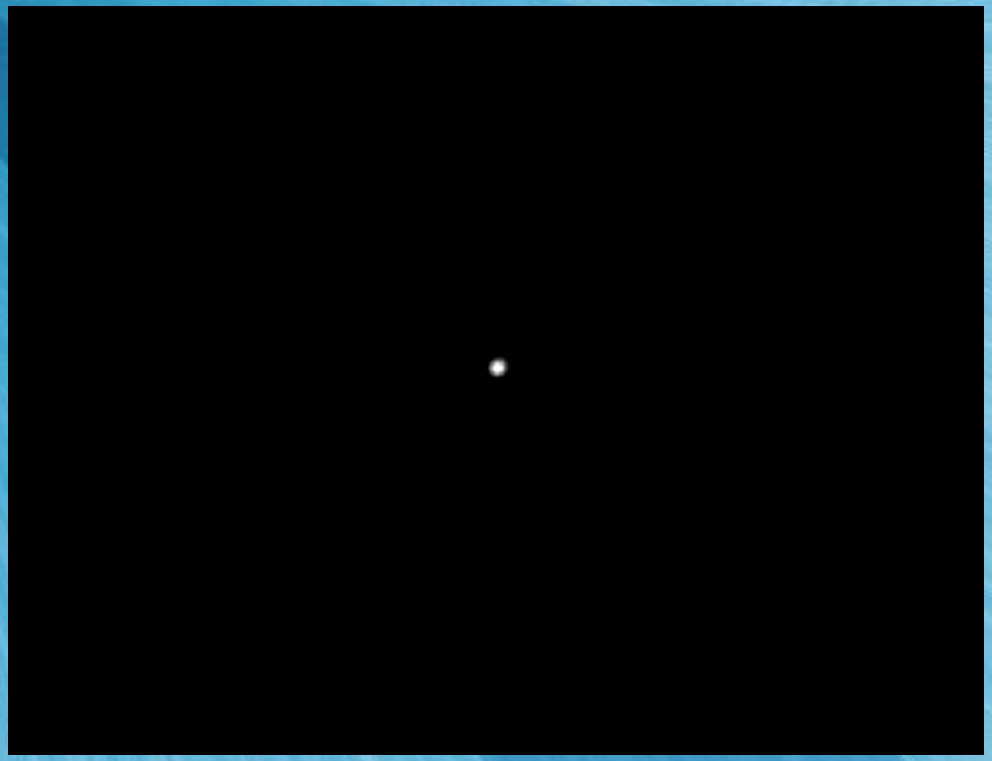


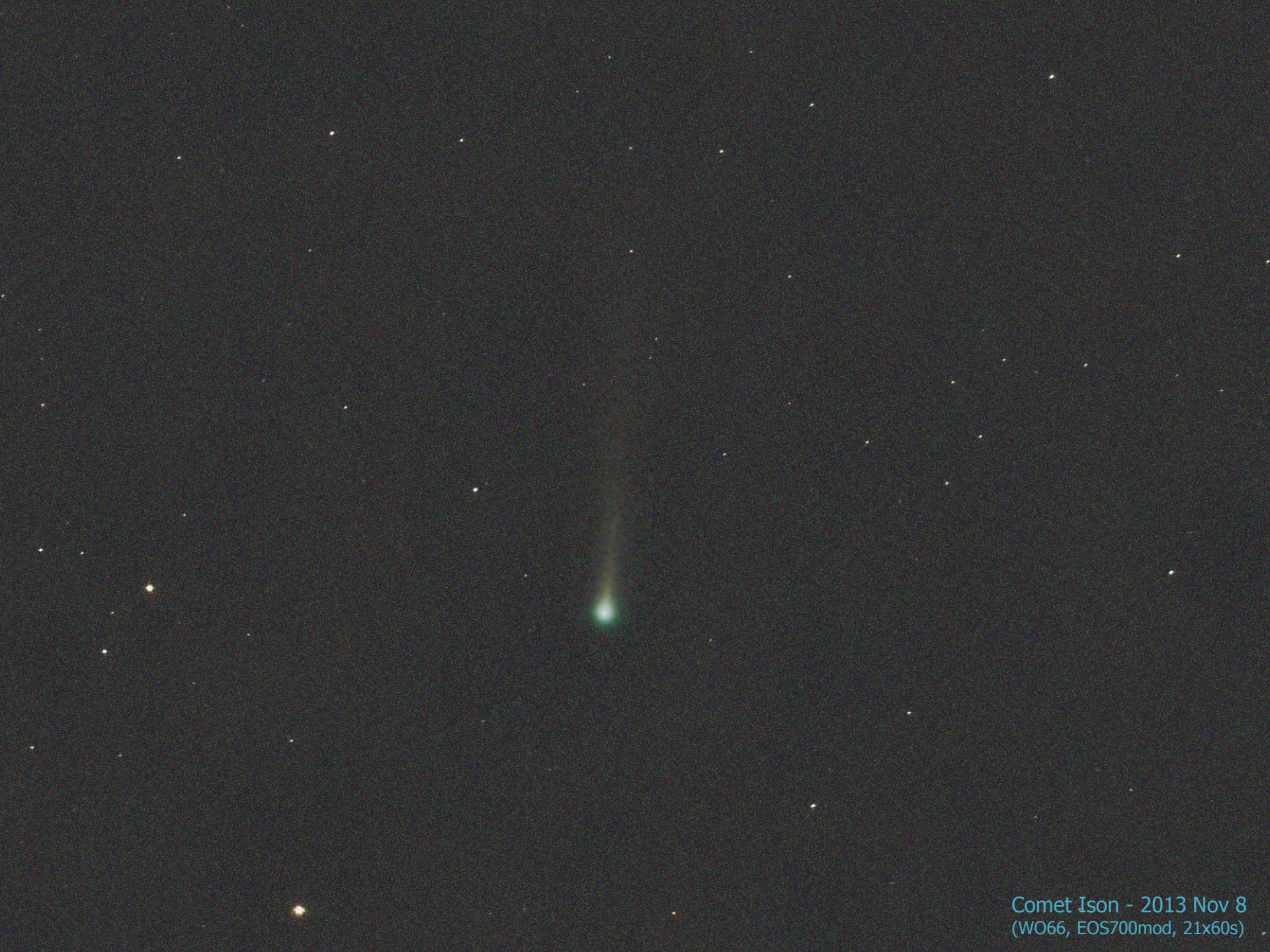



Titan
Enceladus
Dione
Tethys
Mimas
Rhea
2012 Mar 27, 13:47 UT, 1 s X ~500,
moons + one star (10.8 mag); (Sat, same, ~13:22 UT)
Celestron C11, IS DMK21AU04, Sagamihara

Uranus, Neptune






Comet Ison - 2013 Nov 8
(WO66, EOS700mod, 21x60s)

And Beyond…

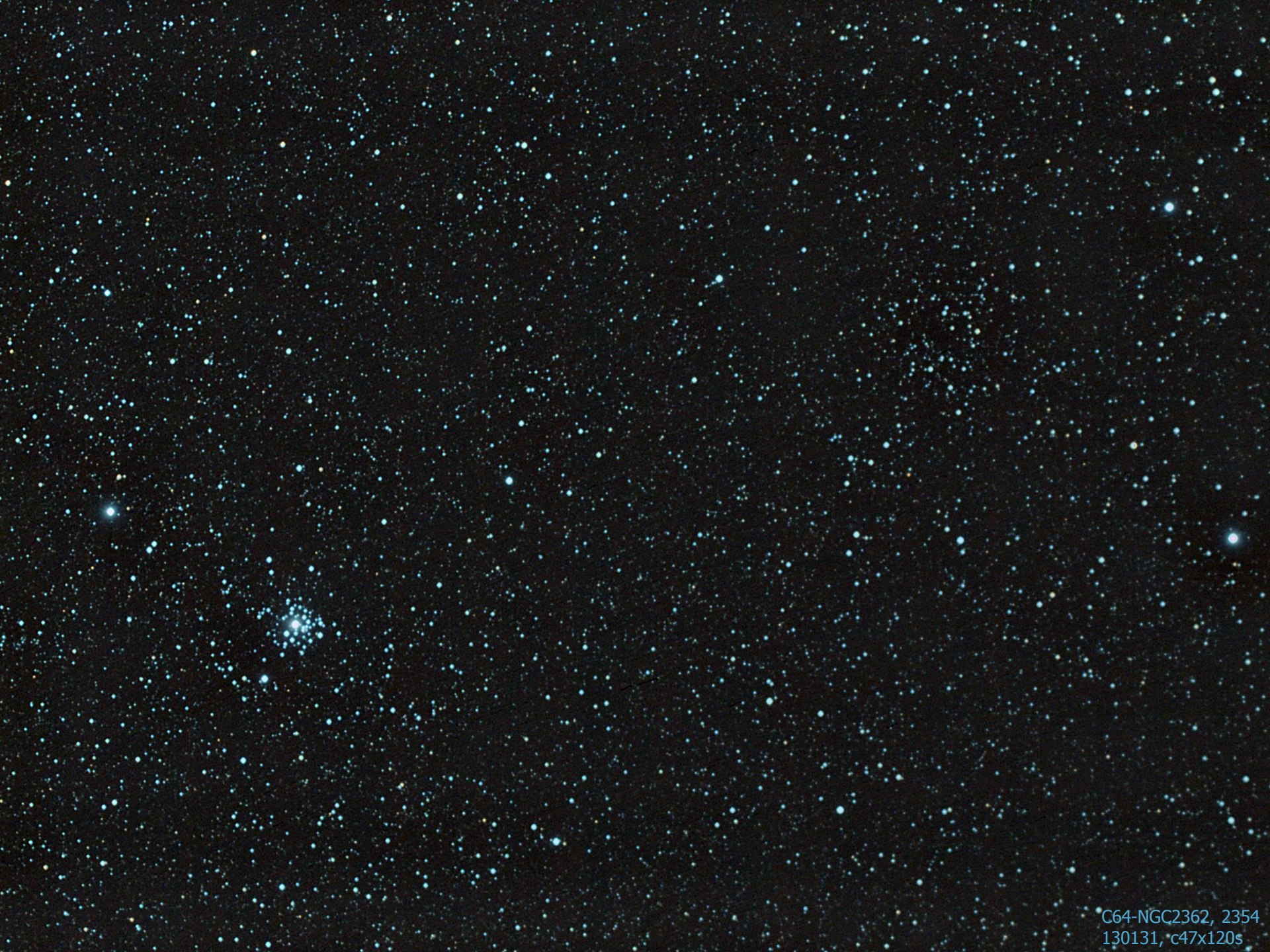

131004 EOS700mod
(50mm, 400, f/5.6, 47x60s)


M41, Kumi1
130213, 21x90s

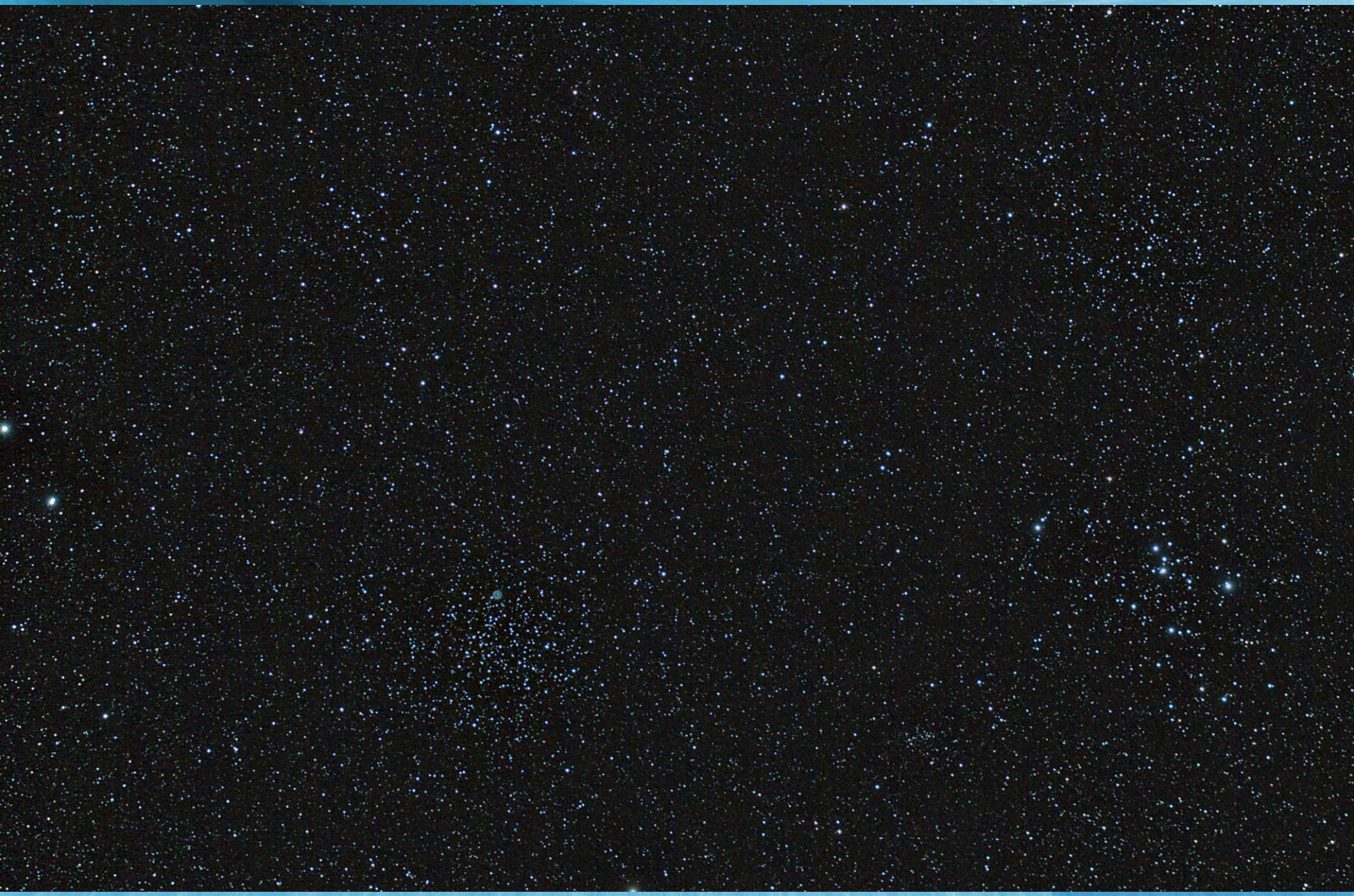

M57, Kumi1
121208, 40x90s


M57, Kumi1
121208, 40x90s


C59, Kumi1
130408, 35x120s

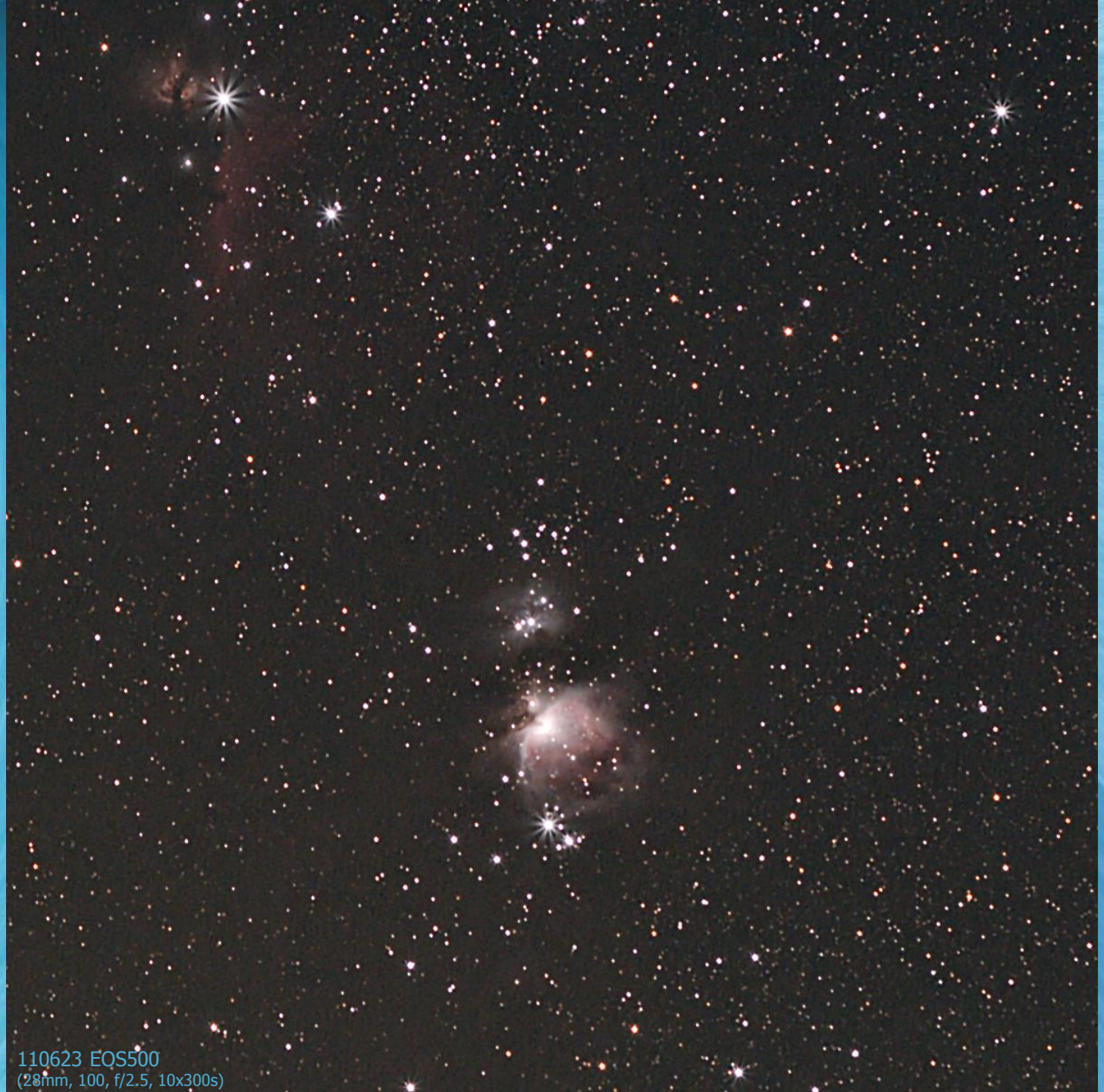

C64-NGC2362, 2354
130131, c47x120s


C64-NGC2362
130131, c47x120s

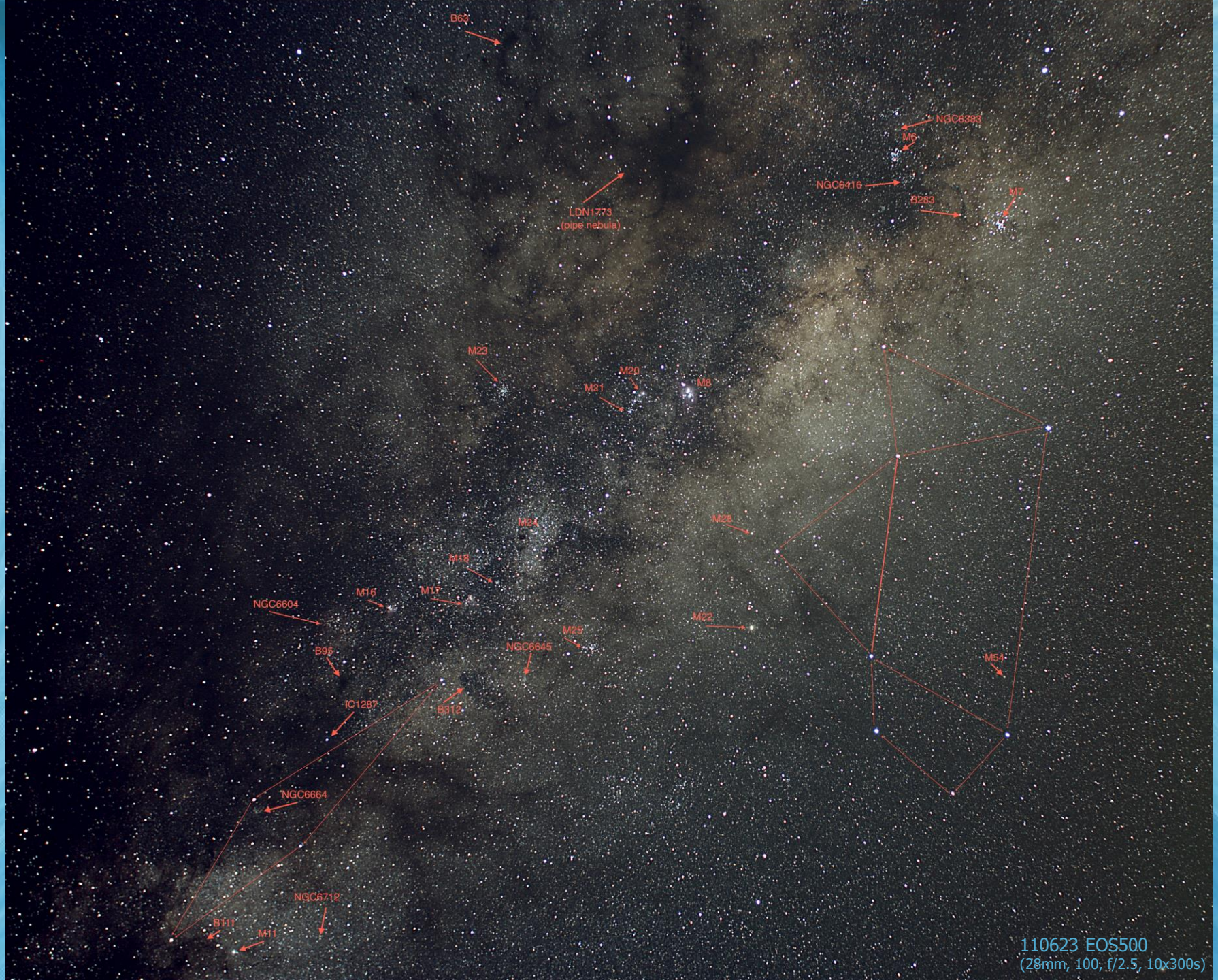



,Kumi1
130216, 28x120s
NGC2423
Minkowski 1-18
4 Pup
2 Pup
M47
NGC2438
M46


131004 EOS700mod
(50mm, 400, f/5.6, 14x180s)


110623 EQS500
(28mm, 100, f/2.5, 10x300s)


110623 EOS500
(28mm, 100, f/2.5, 10x300s)


B65
NGC6383
M6
NGC6416
B283
M7
LDN1773
(pipe nebula)
M23
M20
M21
M8
M24
M28
M18
M16
M17
NGC6604
M22
M25
NGC6645
B93
M54
IC1287
B312
NGC6664
NGC6712
B111
M11
110623 EOS500
(28mm, 100, f/2.5, 10x300s)

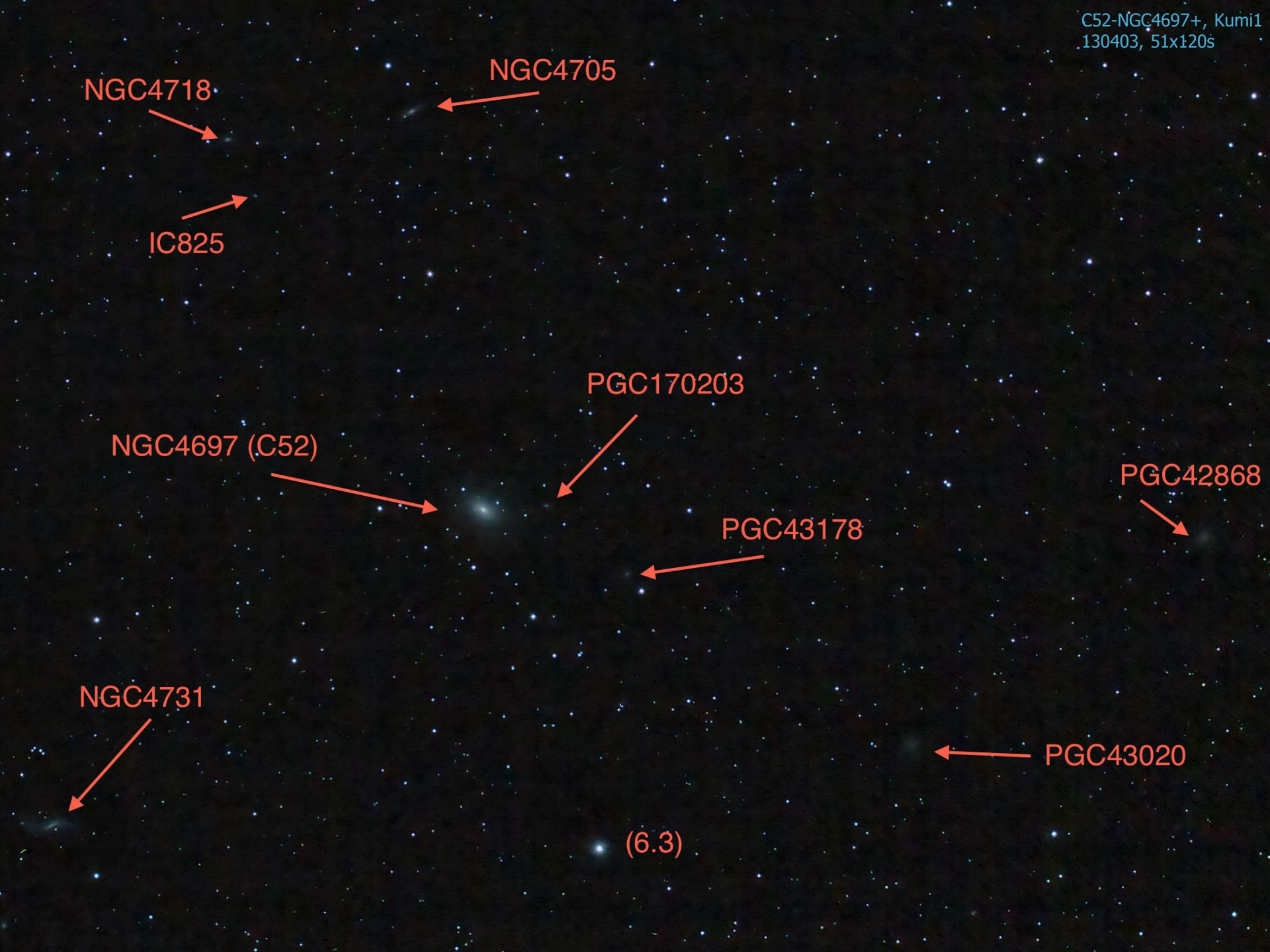

110623 EOS500
(28mm, 100, f/2.5, 10x300s)


M4-NGC6144-Antares-Al-Niyat
Kumii1, 130411, 81x120s


M2 M20 (Trifid), M8 (Lagoon)
Kumii1, 130505, 12x120s


NGC253, WO98(?)
101101, 60x00s


C52-NGC4697+, Kumi1
130403, 51x120s


C52-NGC4697+, Kumi1
130403, 51x120s
NGC4705
NGC4718
IC825
PGC170203
NGC4697 (C52)
PGC42868
PGC43178
NGC4731
PGC43020
(6.3)


C52-NGC4697+, Kumi1
130403, 51x120s

"Leo Triplet," WO98
110112, 35x90

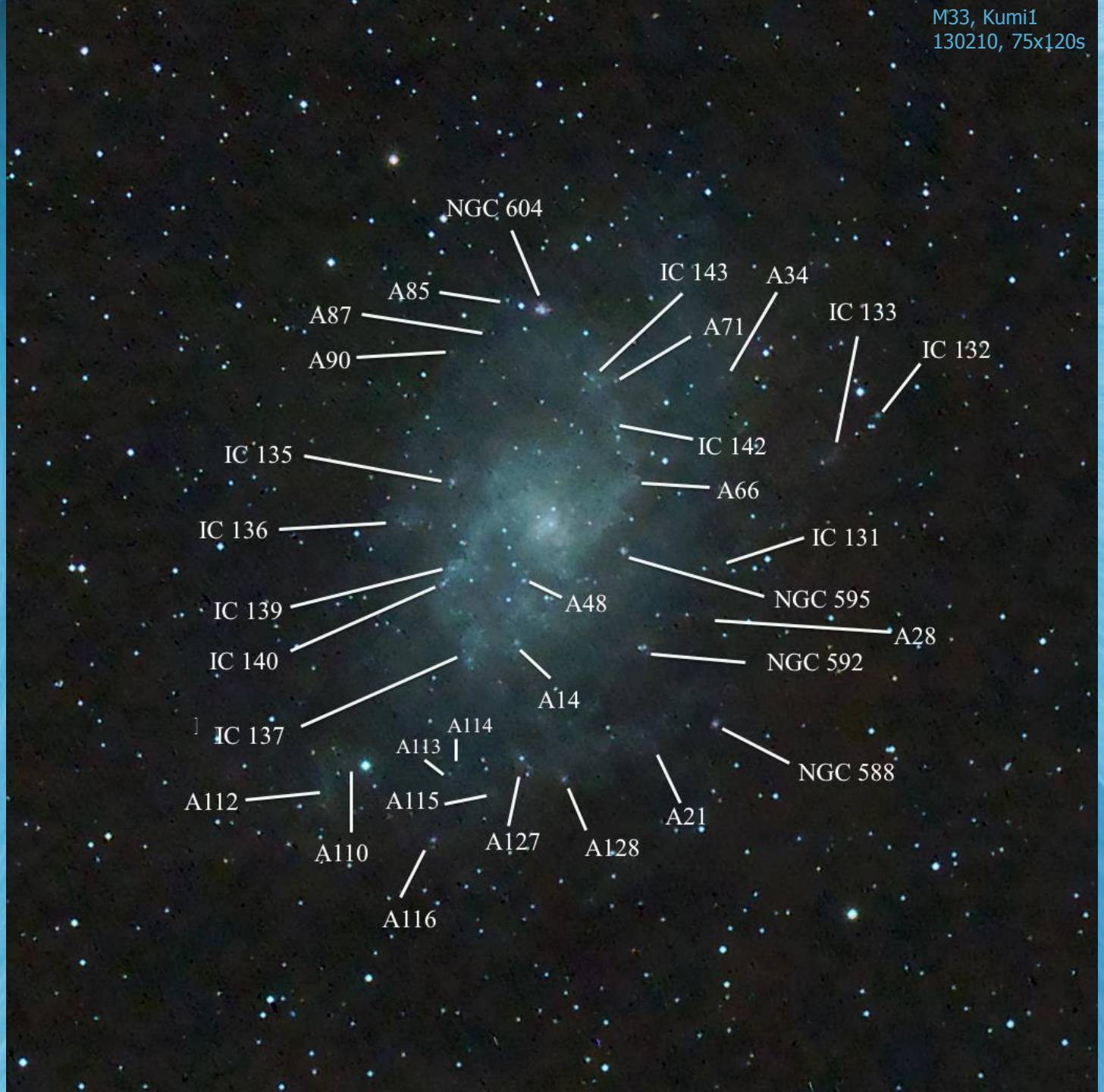

One "Leo Triplet," WO98
110112, 35x90


One "Leo Triplet," WO98
110112, 35x90


M104 (Sombrero), Kumi1
130210, 44x120

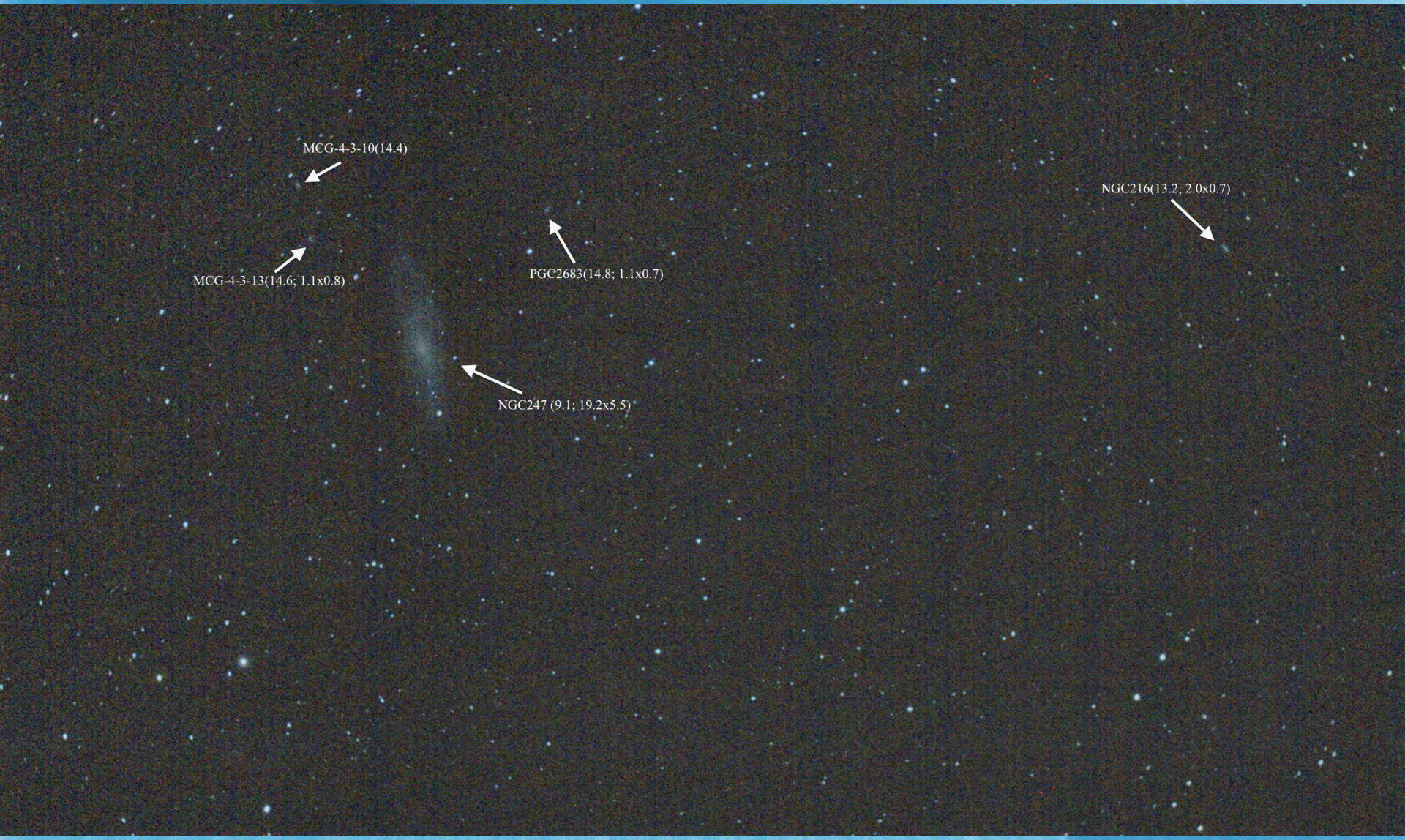

110623 EOS500
(28mm, 100, f/2.5, 10x300s)


M33, Kumi1
130210, 75x120s


M33, Kumi1
130210, 75x120s
NGC 604
A85
A87
A90
IC 143
A34
A71
IC 133
IC 132
IC 135
IC 142
A66
IC 136
IC 131
IC 139
A48
NGC 595
A28
IC 140
NGC 592
A14
IC 137
A114
A113
NGC 588
A112
A115
A21
A110
A127
A128
A116

Venus: 10/11/2010 (??)


Comet Ison - 2013 Nov 8
(WO66, EOS700mod, 21x60s)


MCG-4-3-10(14.4)
NGC216(13.2; 2.0x0.7)
MCG-4-3-13(14.6; 1.1x0.8)
PGC2683(14.8; 1.1x0.7)
NGC247 (9.1; 19.2x5.5)


Volt


Vixen
VC200L
Vixen
TAKAHASHI
TAKAHASHI
EM-11


TAKAHASHI

NGC 604 in Spiral Galaxy M33

Hubble Heritage

NASA and The Hubble Heritage Team (STScI/AURA) • Hubble Space Telescope WFPC2 • STScI-PRC03-30