

The Sky Atlas

Deep Sky objects atlas
 Covers sky from 90° north to 58° south . 80 charts . Each chart covers ~32°
 Sky Charts generated by "TheSky5" , Software Bisque ©, all rights reserved
 may2007,v2.5, Michael Vlasov














Objects plotted:

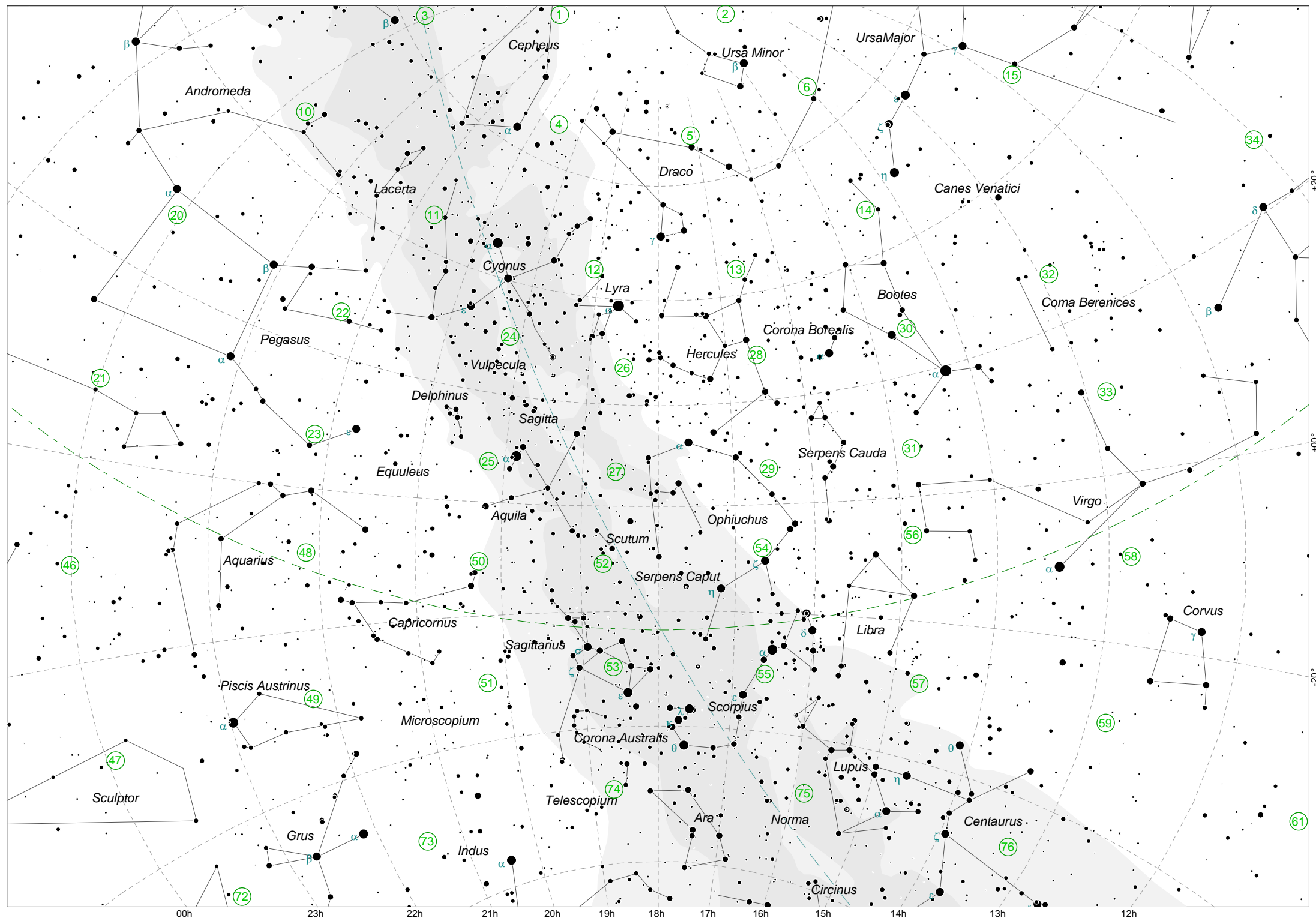
Stars:	up to 9.5m	Hip, Tycho and Guide star catalogs
Double Stars	up to 8.5m	WDS catalog
Galaxies:	up to 13m	NGC, IC, PGC catalogs
Star Clusters:	up to 12.5m	NGC, IC catalogs
Nebulae:	up to 13m	NGC, IC catalogs
Planetary Neb.	up to 13.5m	NGC, IC, PLN catalogs
DSO Labels:	up to 12.5m	M, NGC, IC, PGC, PLN and other.
Star Labels	up to 4-5m	Common names, Bayer designations
Doubles labels	selected	Separation, from SAC "Best doubles" list

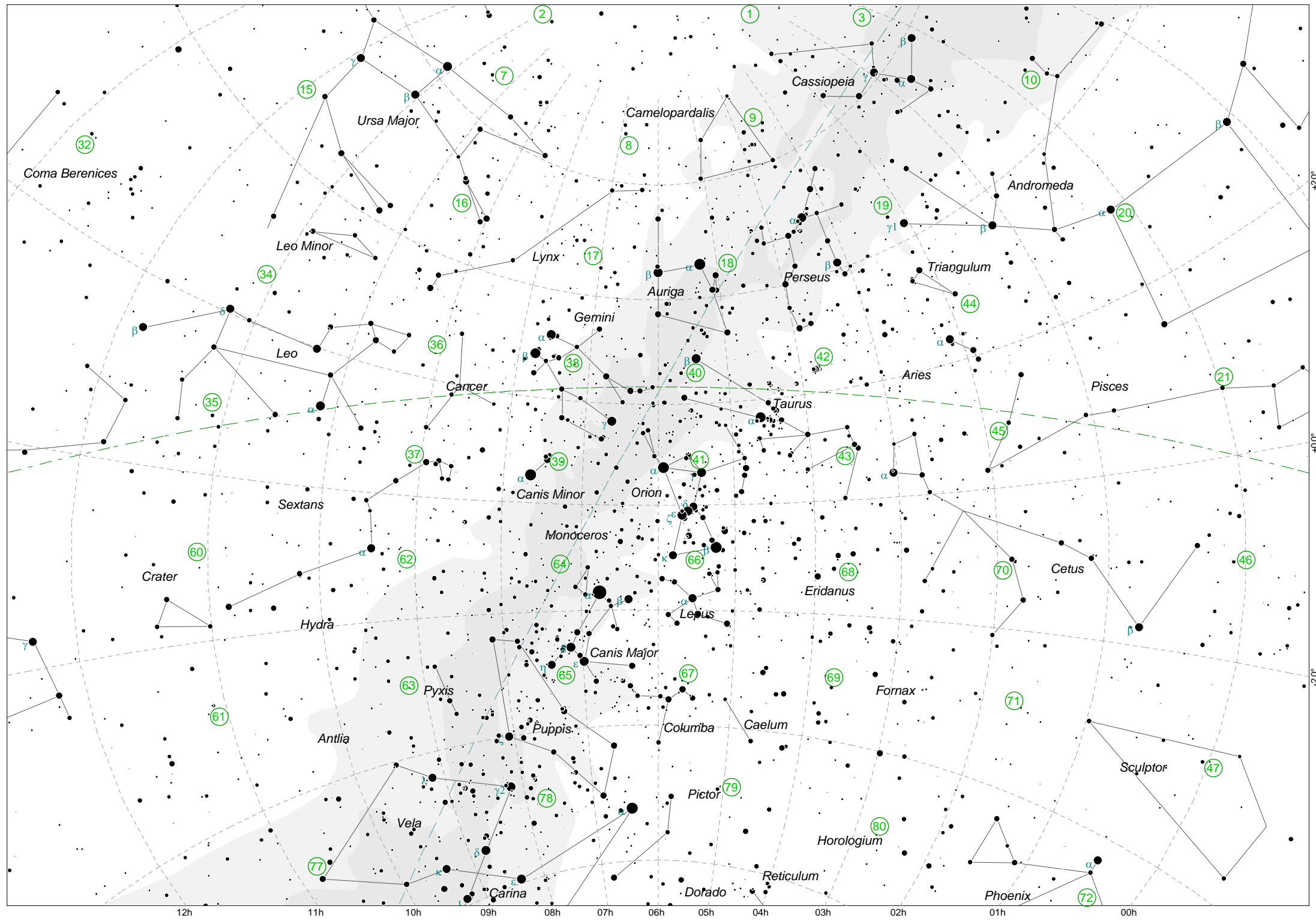
Constellations index

Constellation	Chart number	Constellation	Chart number	Constellation	Chart number
Andromeda	10,19,20	Cygnus	11,12,24	Pavo	-
Antlia	61,63,77	Delphinus	25	Pegasus	20,21,22,23
Apus	-	Dorado	79	Perseus	18,19,42
Aquarius	23,46,48,49,50,	Draco	4,5,6,13	Phoenix	72,80
Aquila	25,27,50,52	Equuleus	23,25	Pictor	79
Ara	74,75	Eridanus	66,68	Pisces	21,44,45
Aries	42,44	Fornax	69,71	Piscis Austrinus	49
Auriga	17,18,40	Gemini	38,39	Puppis	64,65,78
Bootes	14,30,31	Grus	72,73	Pyxis	63
Caelum	67,79	Hercules	13,26,28	Reticulum	79
Camelopardalis	8,9	Horologium	80	Sagitta	24
Cancer	36,37	Hydra	37,57,59,61,62	Sagittarius	51,52,53
Canes Venatici	14,15,32	Hydrus	-	Scorpius	53,55,75
Canis Major	64,65	Indus	73	Sculptor	47,71
Canis Minor	39	Lacerta	11	Scutum	52
Capricornus	48,49,50,51	Leo	34,35,36,37	Serpens Caput	52
Carnia	77	Leo Minor	16,34	Sextans	35,37,60,62
Cassiopea	3,9,10	Lepus	66,67	Taurus	40,42,43
Centaurus	57,59,76	Libra	56,57	Telescopium	74
Cepheus	1,3,4	Lupis	55,57,75	Triangulum Aust.	-
Cetus	43,45,46,70,71	Lynx	16,17	Tucana	-
Chameleon	-	Lyra	12,26	Ursa Major	6,7,15,16
Circinus	75	Mensa	-	Ursa Minor	2
Columbia	67,79	Microscopium	51,73	Vela	77,78
Coma Berenices	32,33	Monoceros	39,64	Virgo	31,33,56,58
Corona Australis	74	Musca	-	Volans	-
Corona Borealis	28	Norma	75	Vulpecula	24
Corvus	58,59	Octans	-		
Crater	60,61	Ophiuchus	27,29,52,54		
Crux	-	Orion	41,66		

Legend:

 galaxy	 globular cluster	 planetary nebula	6352	
 large galaxy	 large globular cluster	 double star	ic4651	DSO label
 nebula	 open cluster	 double star in SAC list with sep. label	M33	ET Cluster
 large nebula	 large open cluster	 cluster with nebula	Sulafat	star label
			 23	next chart number





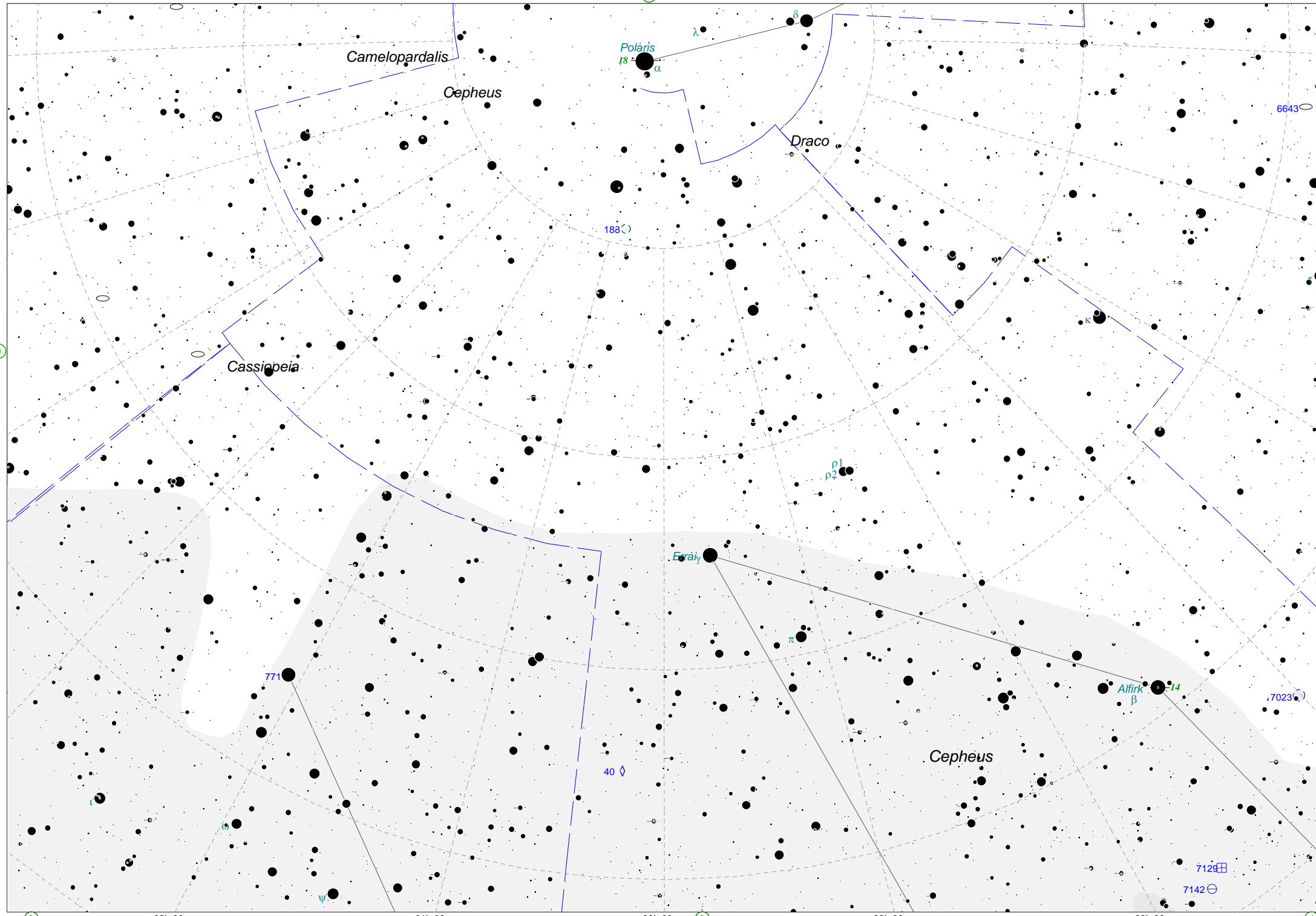
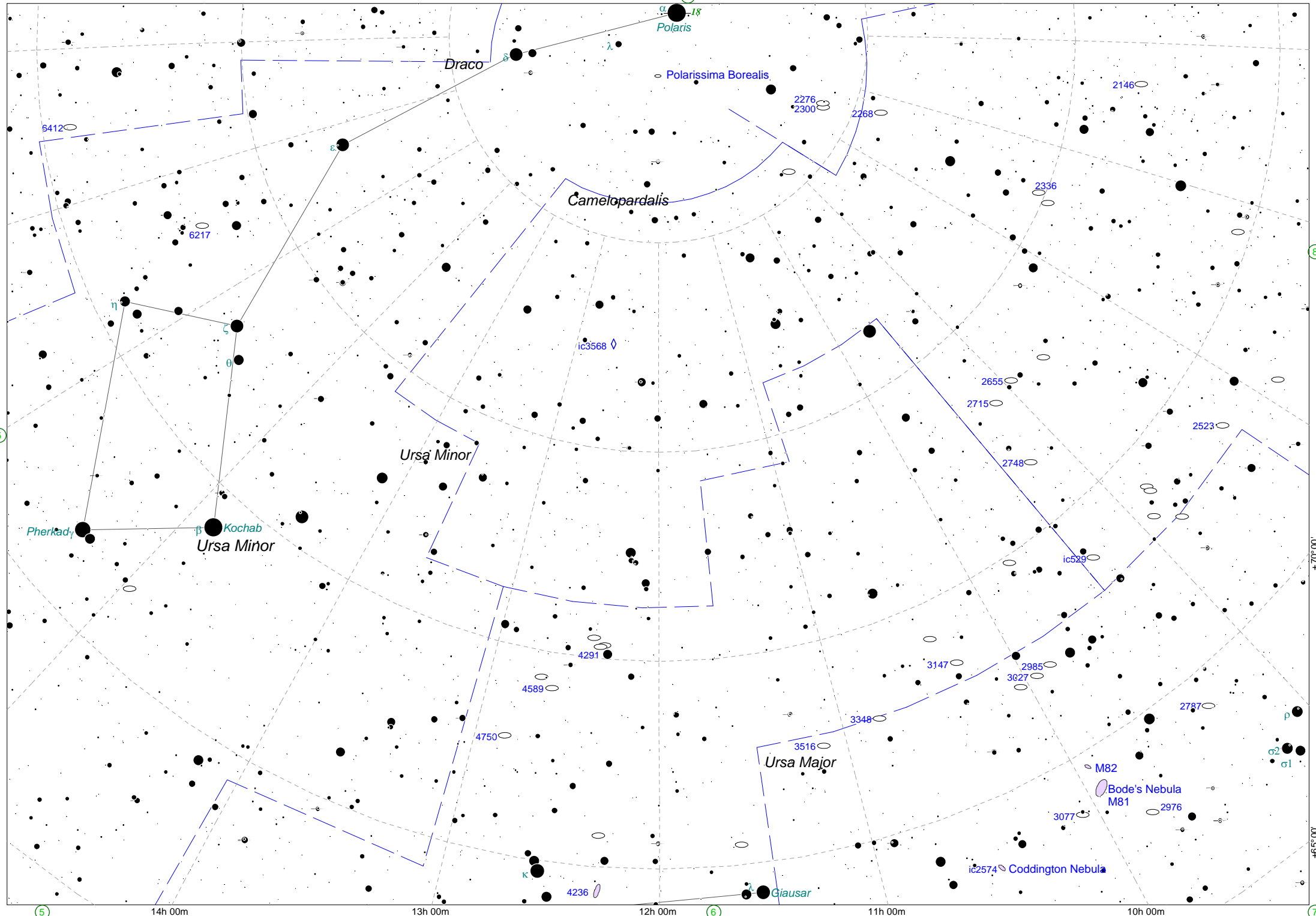
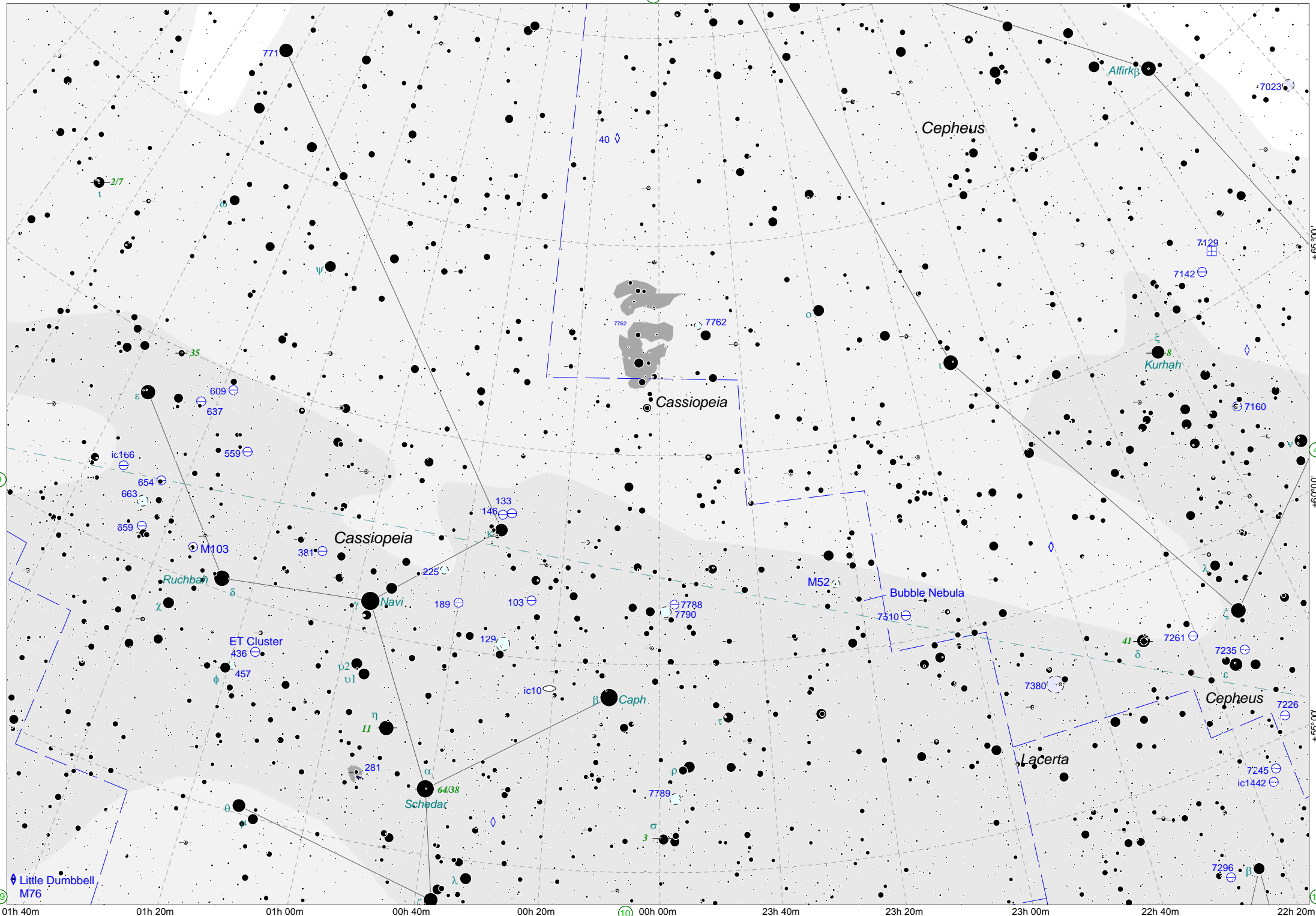
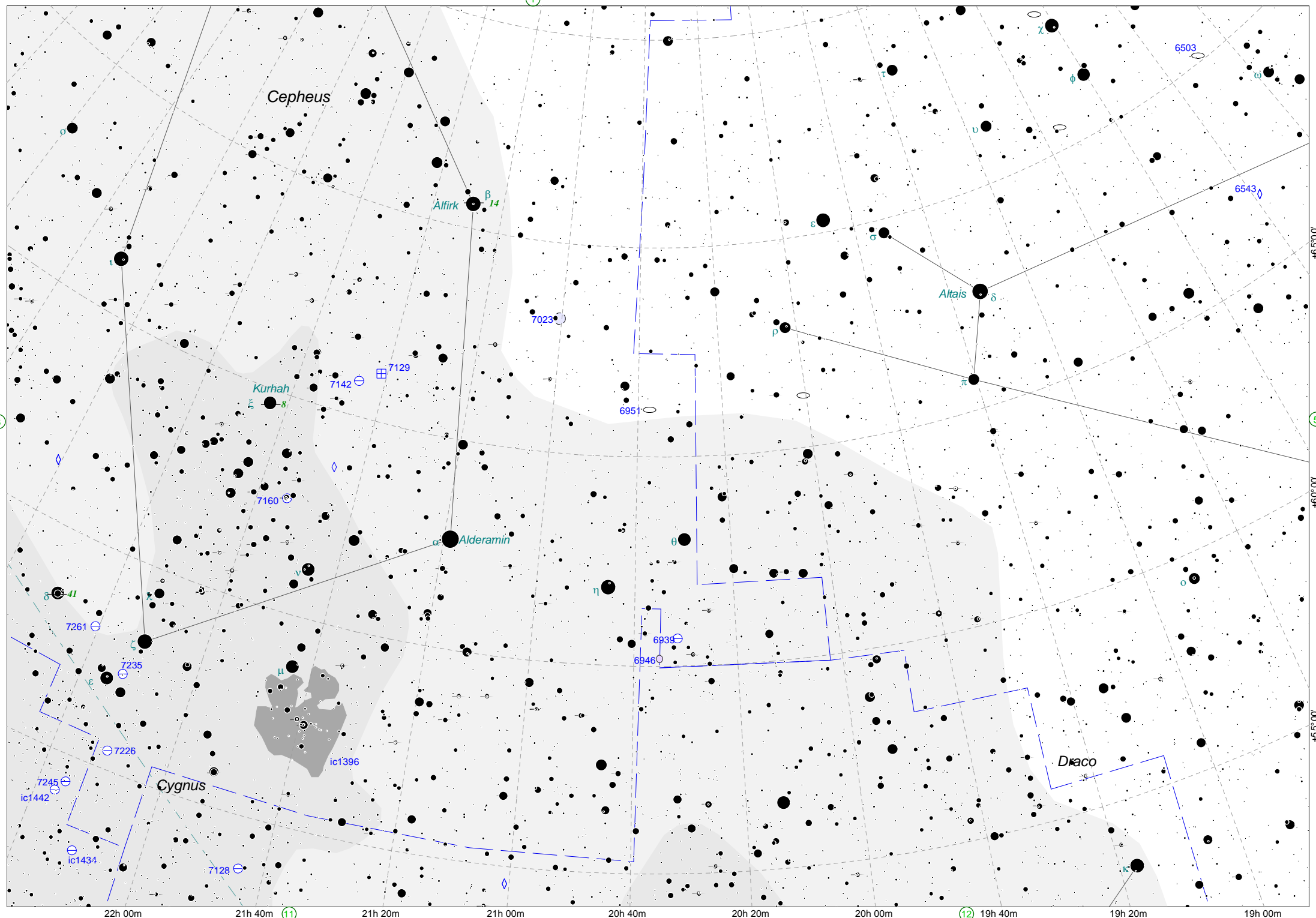


Chart 2







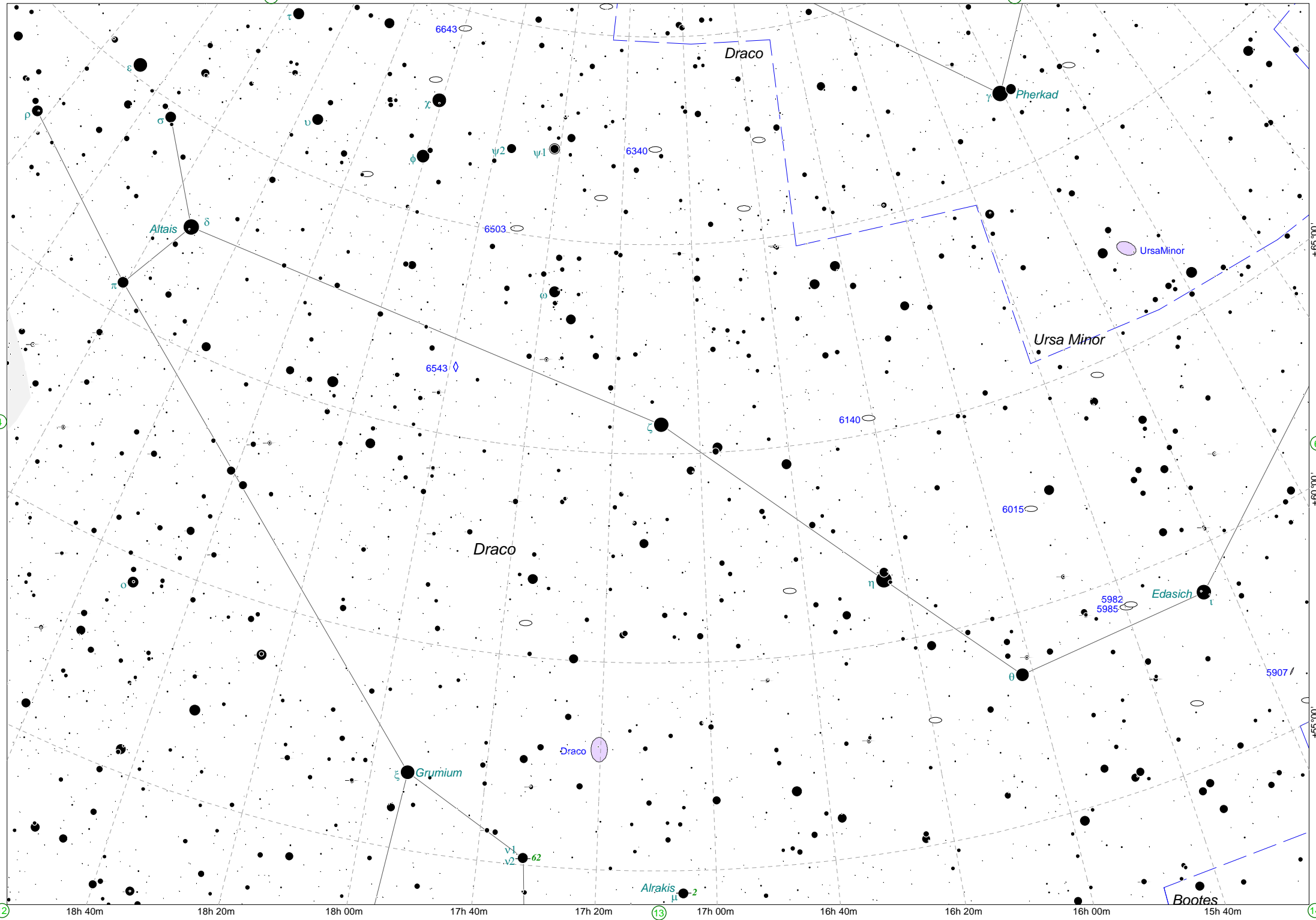


Chart 6

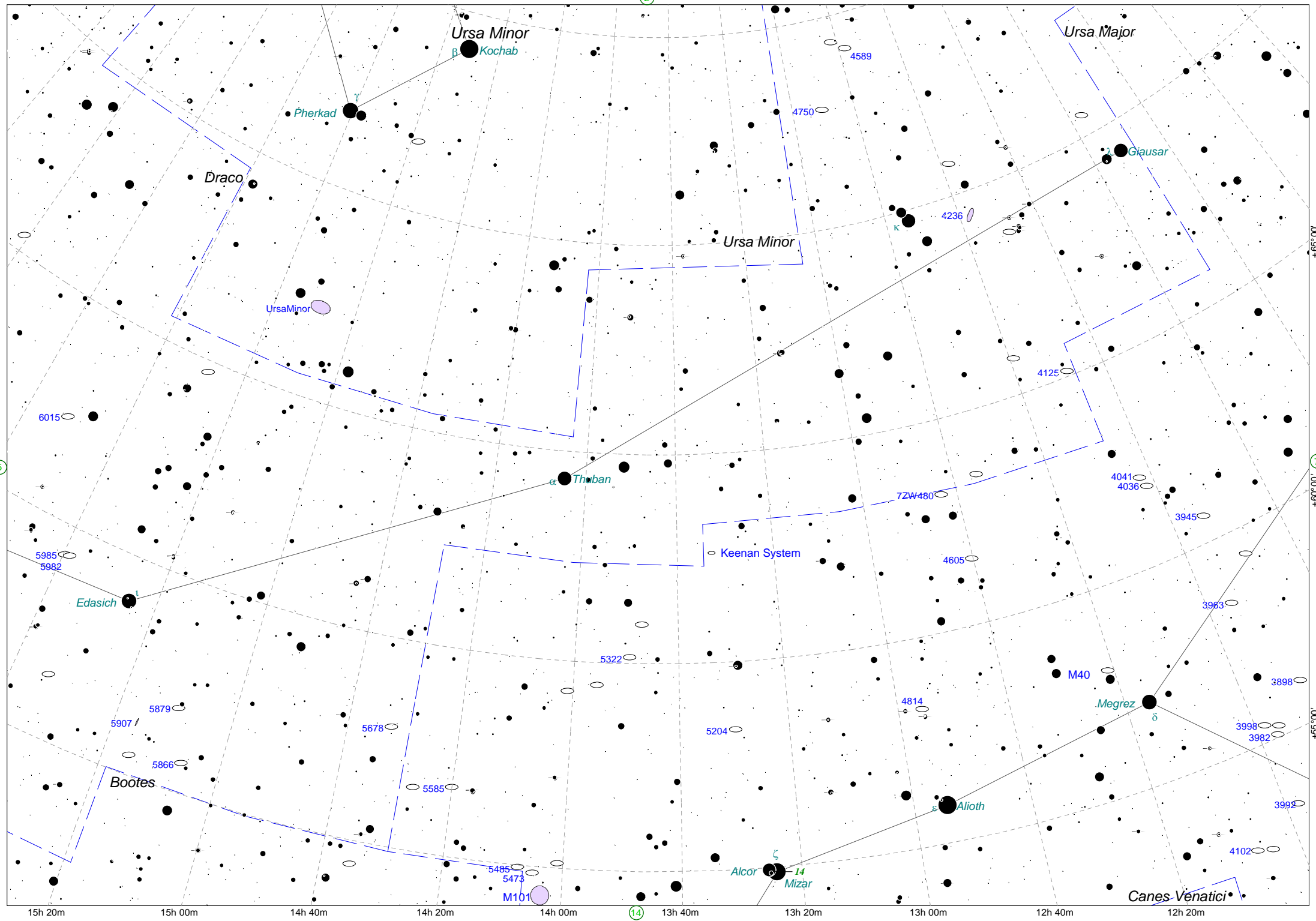


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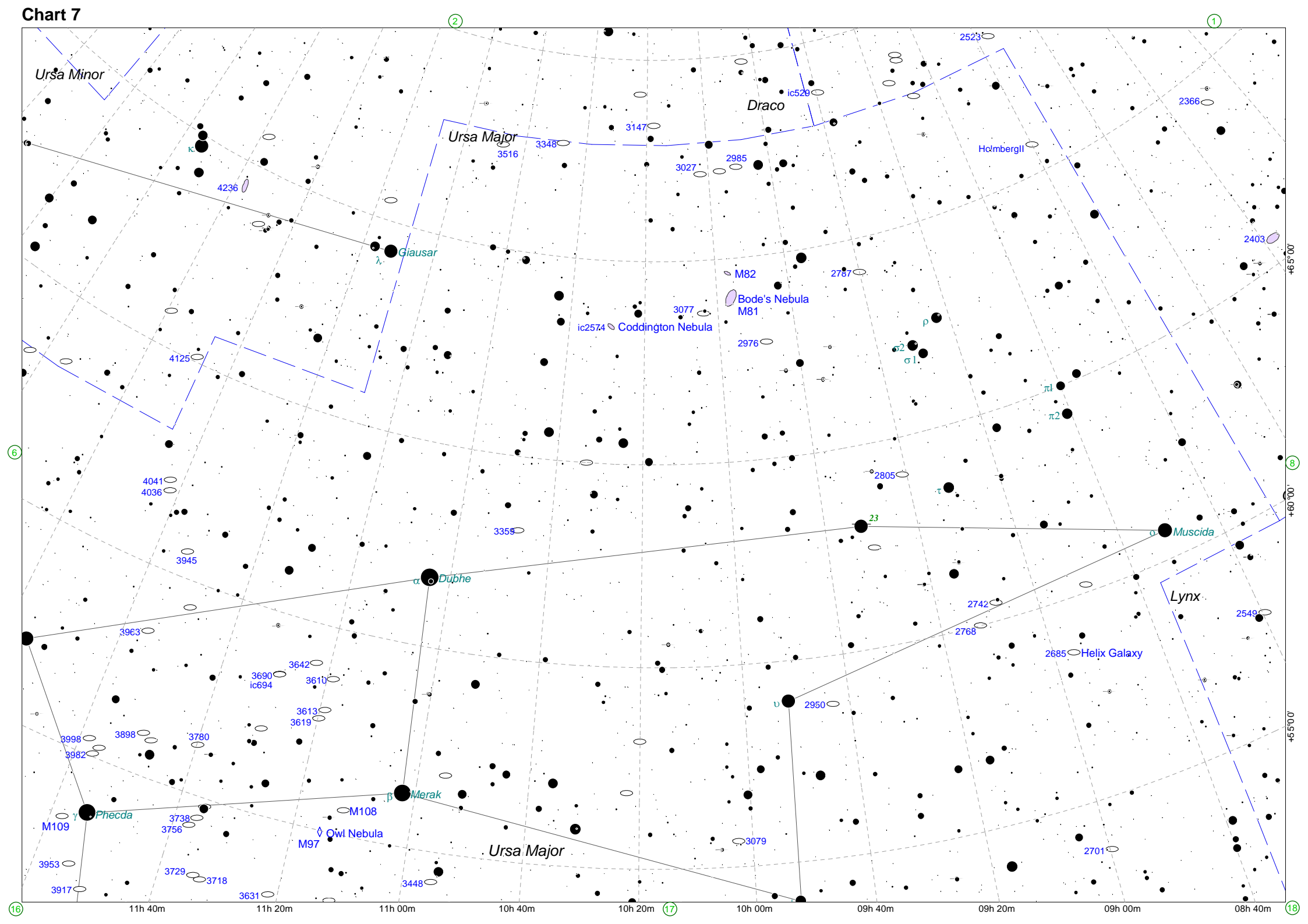
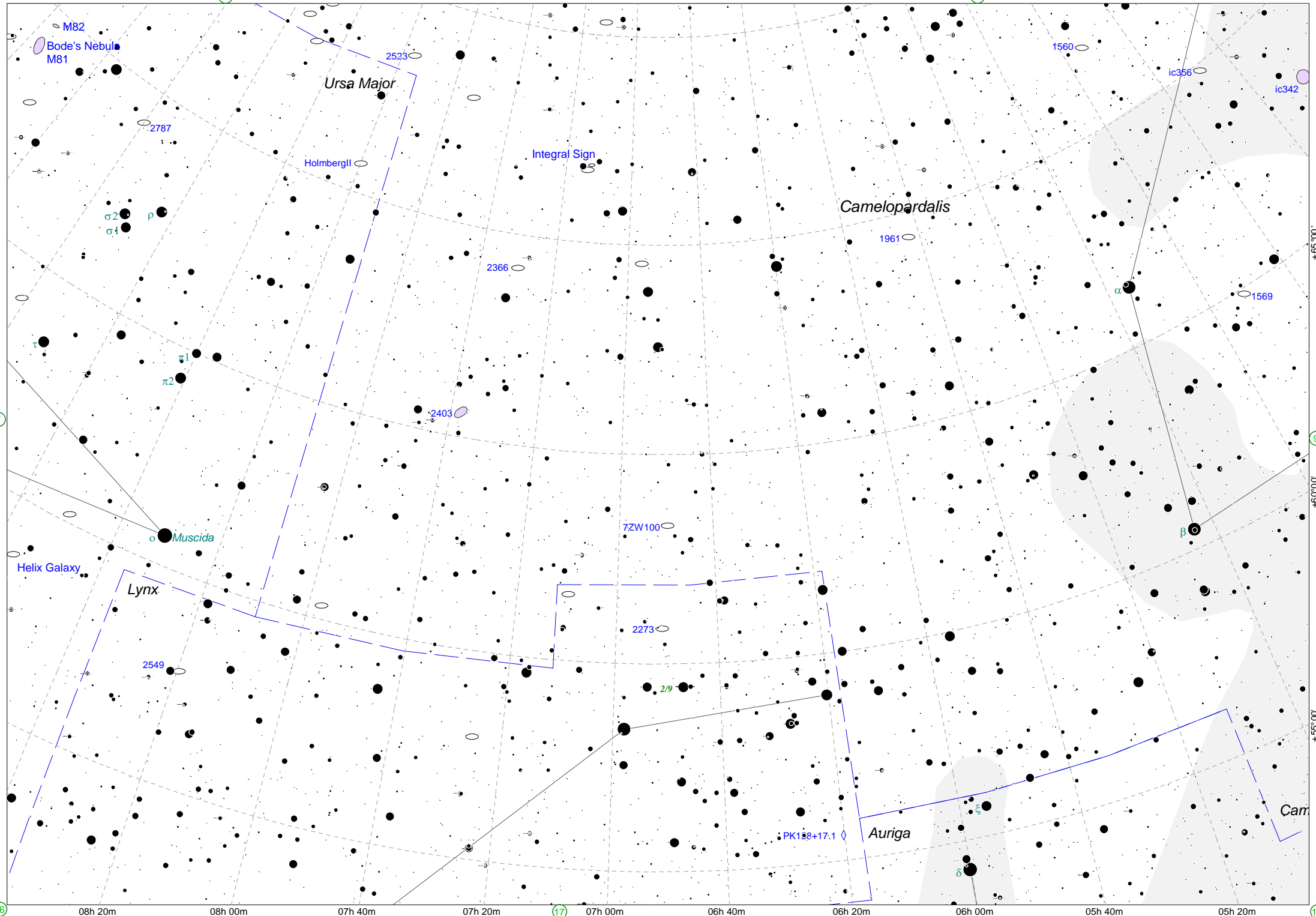
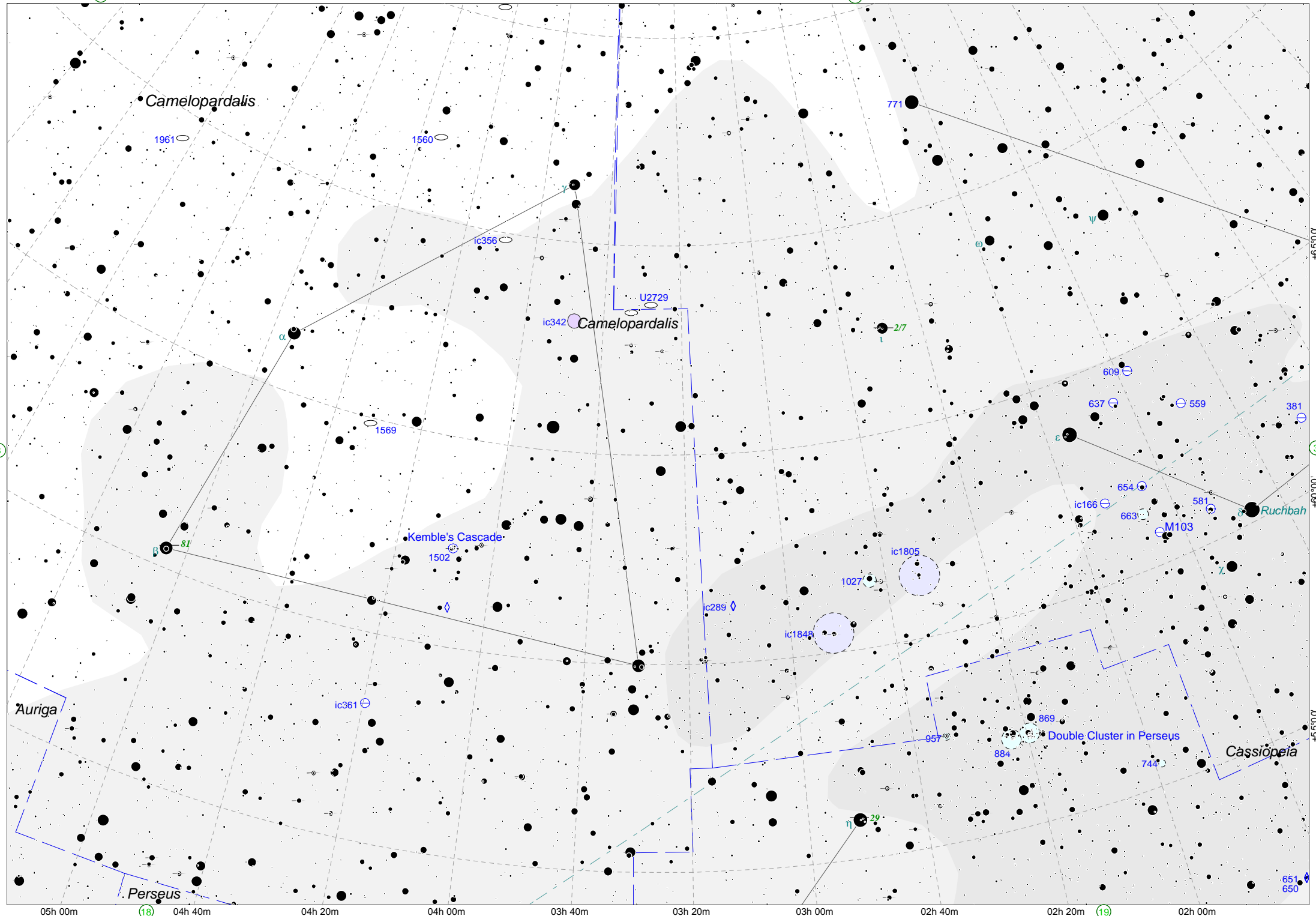


Chart 8





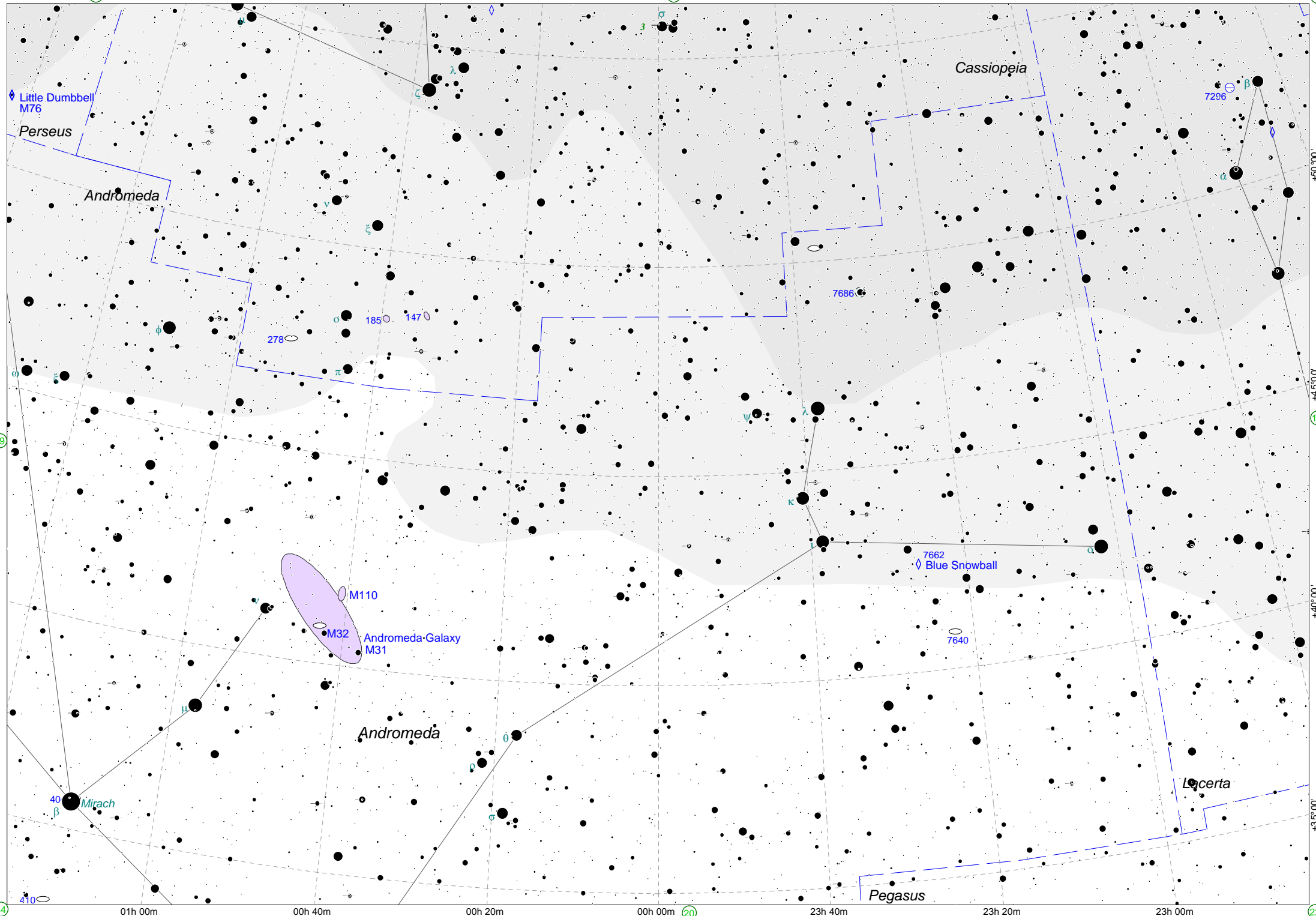
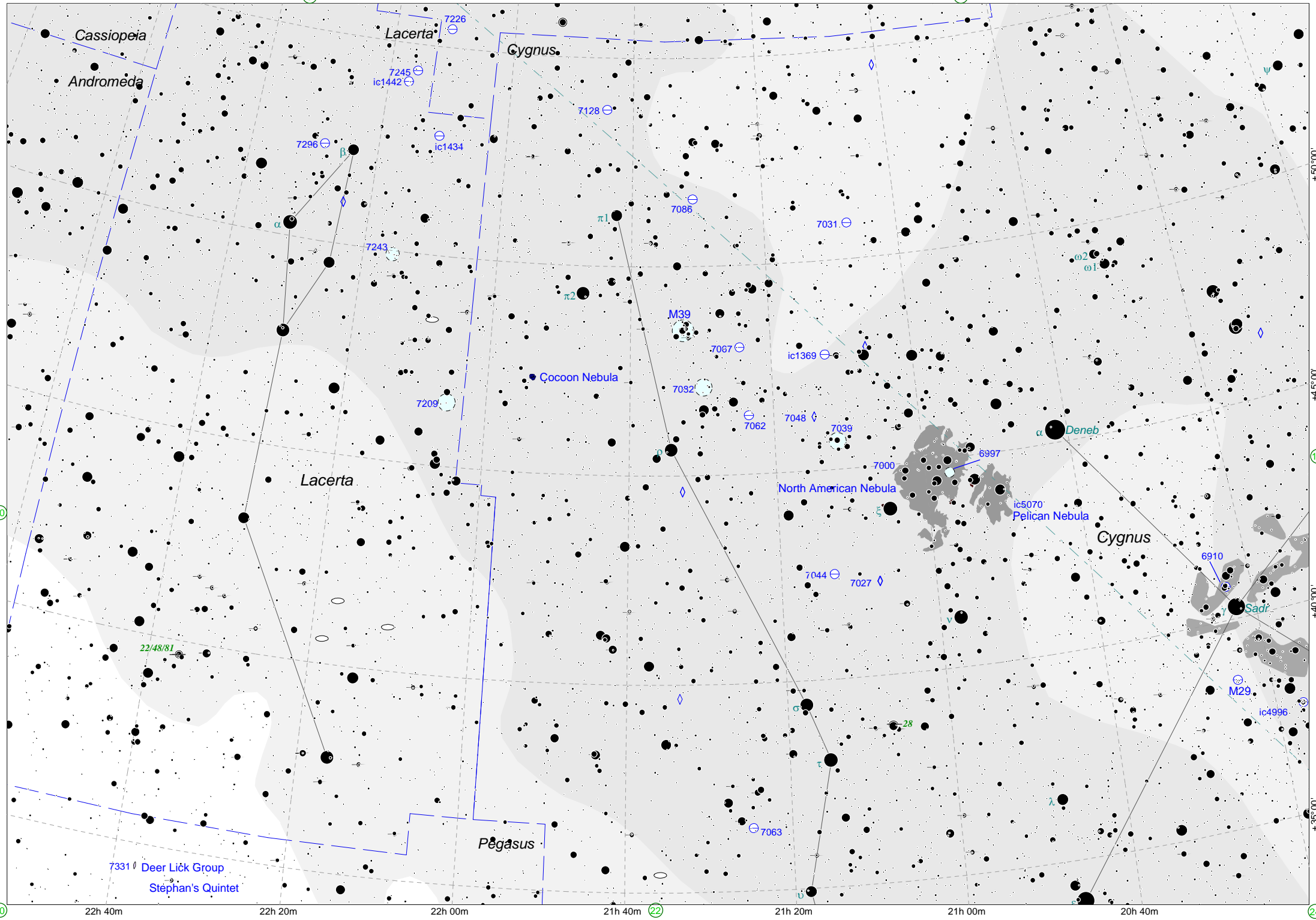


Chart 11



Cassiopeia

Andromeda

Lacerta

Cygnus

Lacerta

Pegasus

Cygnus

7331 Deer Lick Group
Stephan's Quintet

Cocoon Nebula

North American Nebula

Pelican Nebula

M39

M29

α

β

$\pi 1$

$\pi 2$

α

γ

δ

λ

ψ

$\omega 2$

$\omega 1$

7226

7245
ic1442

ic1434

7296

7243

7128

7086

7031

7067

ic1369

7032

7062

7048

7039

7000

6997

ic5070

6910

6910

ic4996

22/48/81

28

7063

22h 40m

22h 20m

22h 00m

21h 40m

21h 20m

21h 00m

20h 40m

+50°00'

+45°00'

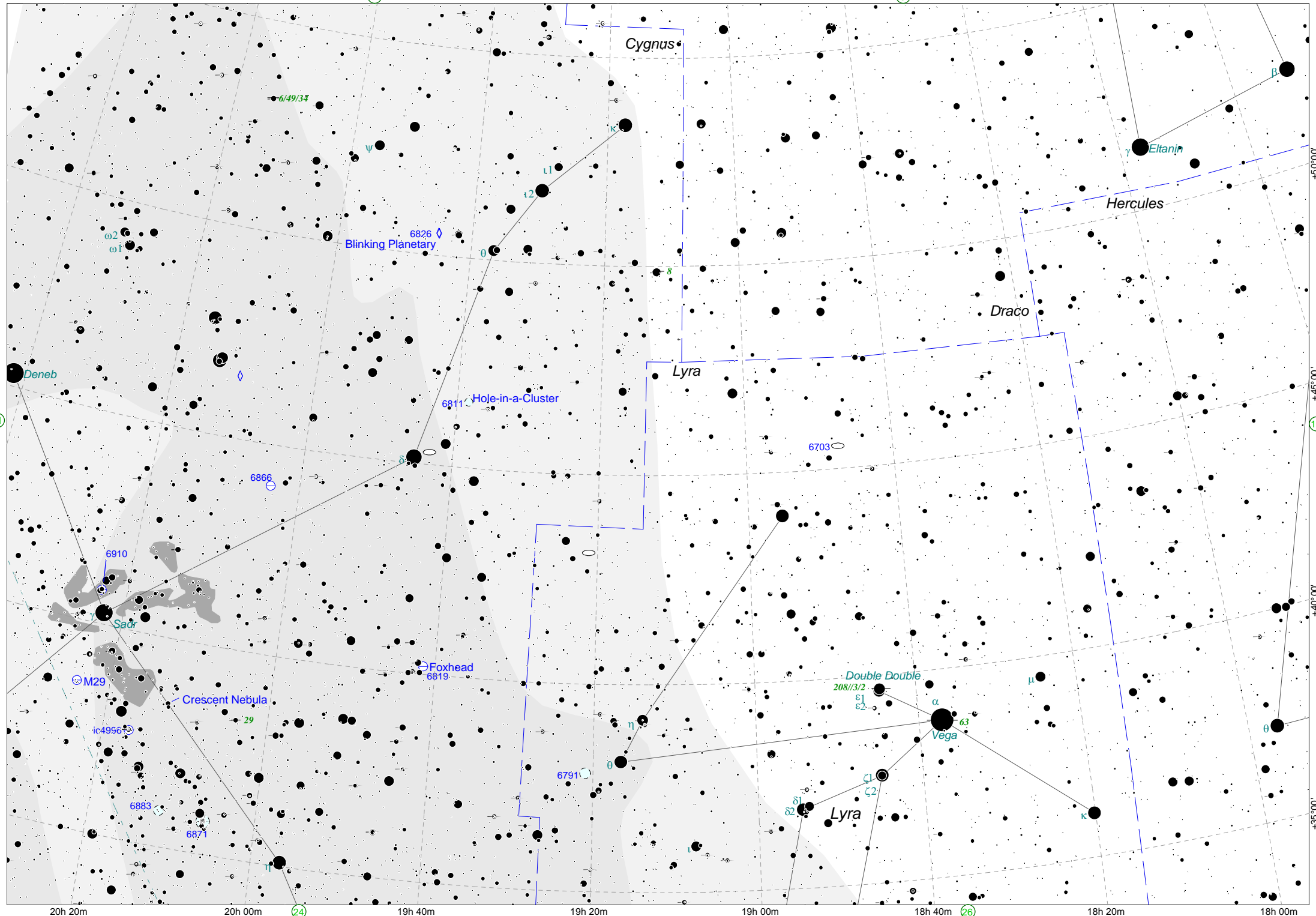
+40°00'

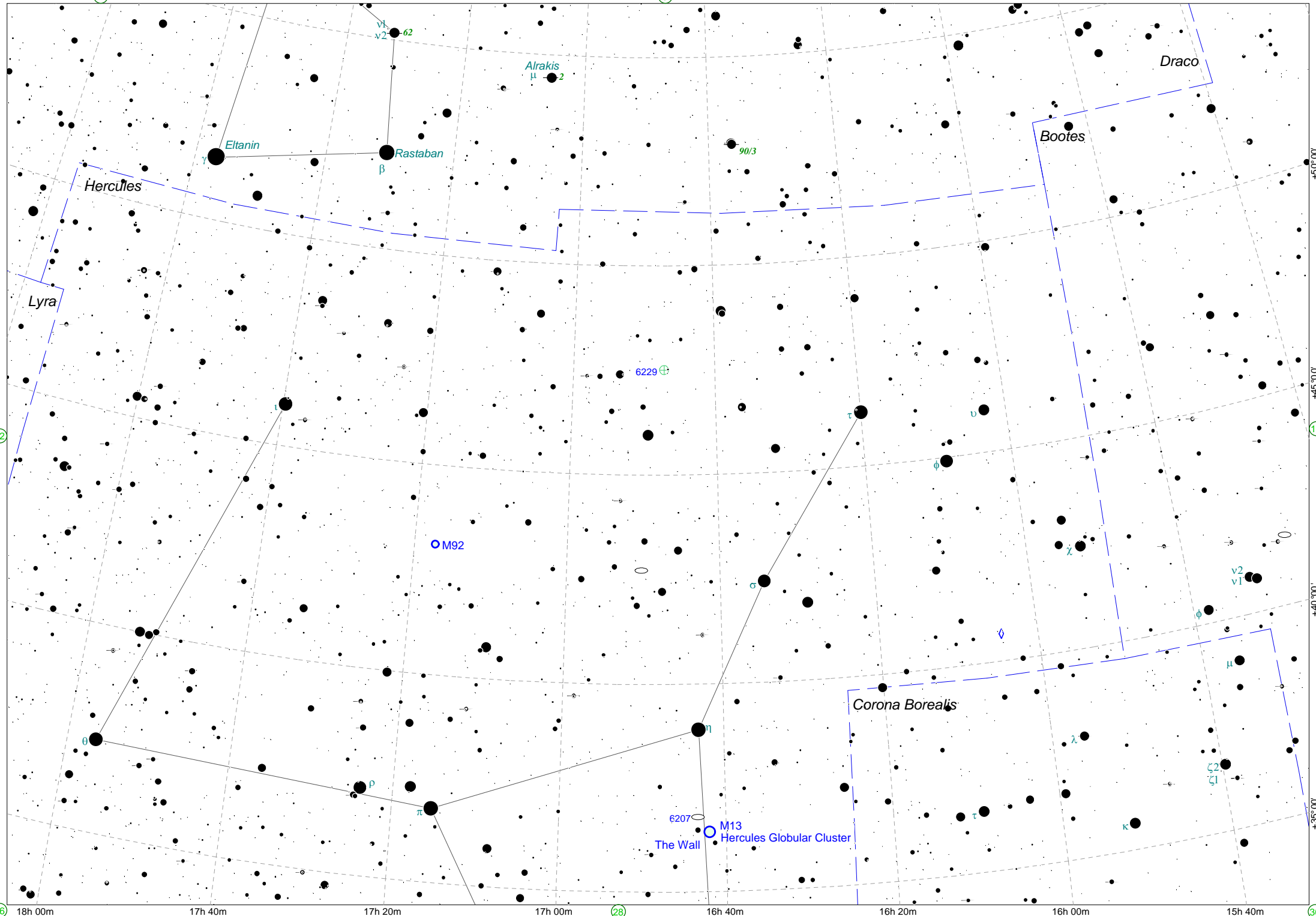
+35°00'

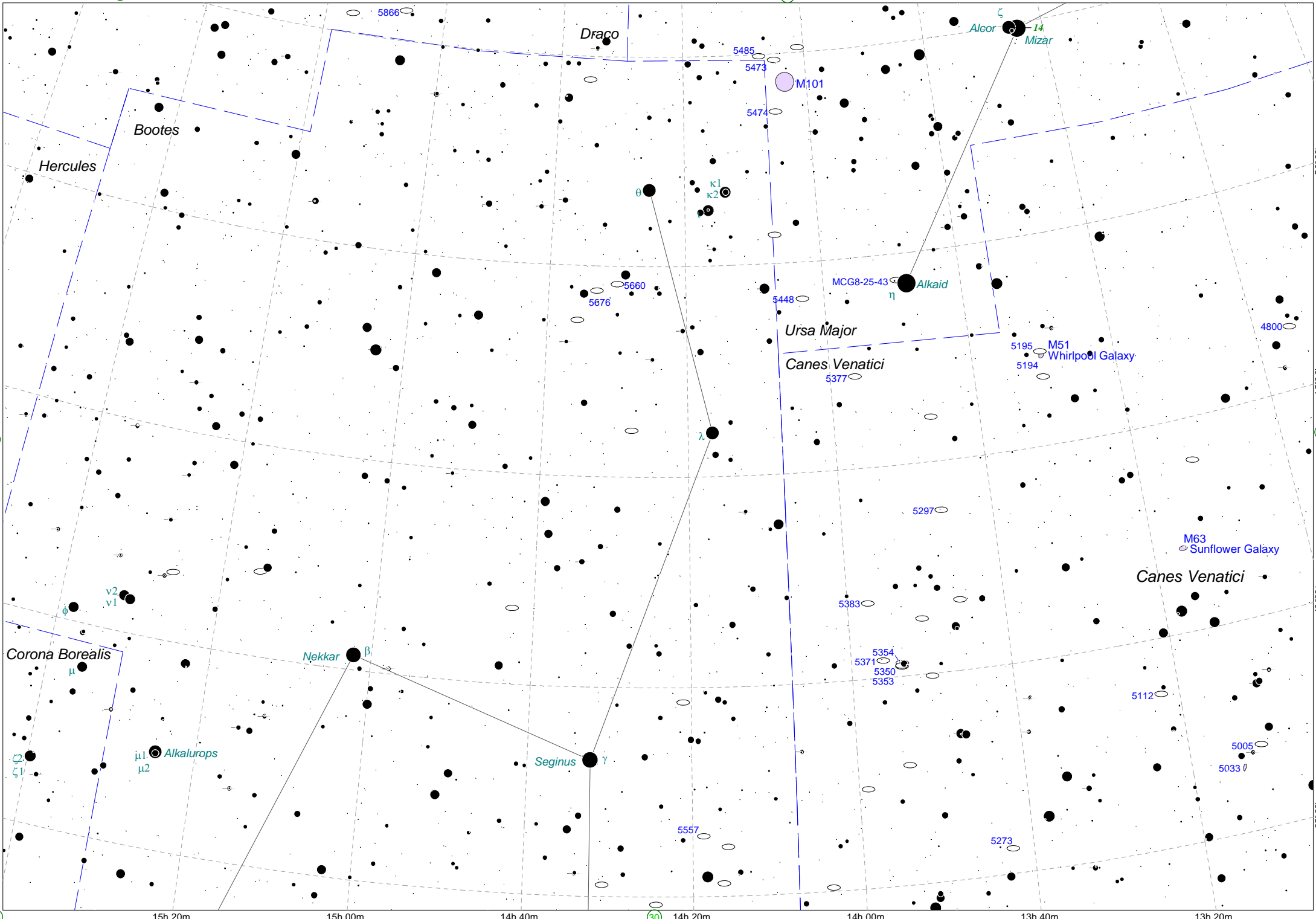
20

22

24







+50°00'

+45°00'

15

+40°00'

+35°00'

15h 20m

15h 00m

14h 40m

14h 20m

14h 00m

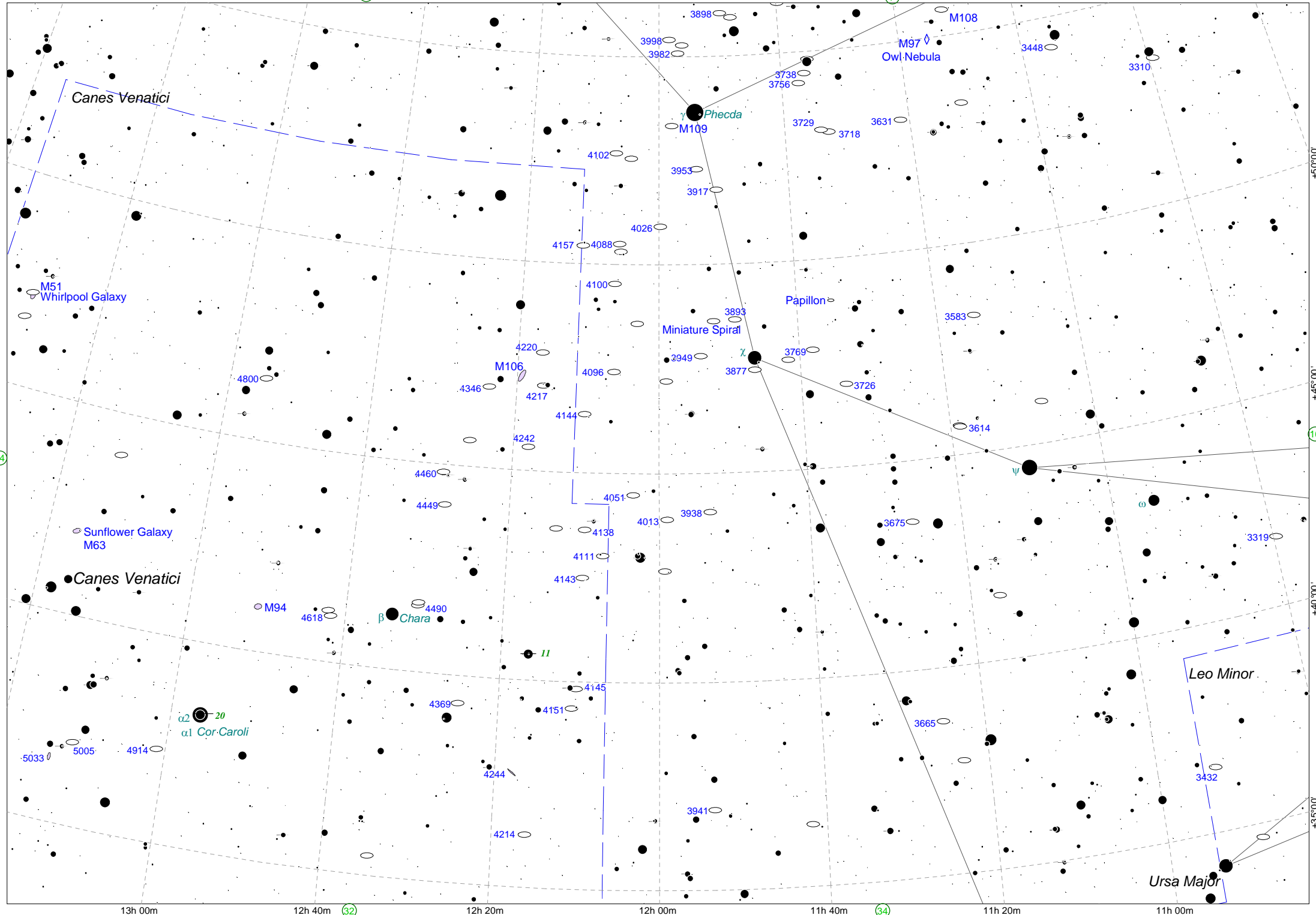
13h 40m

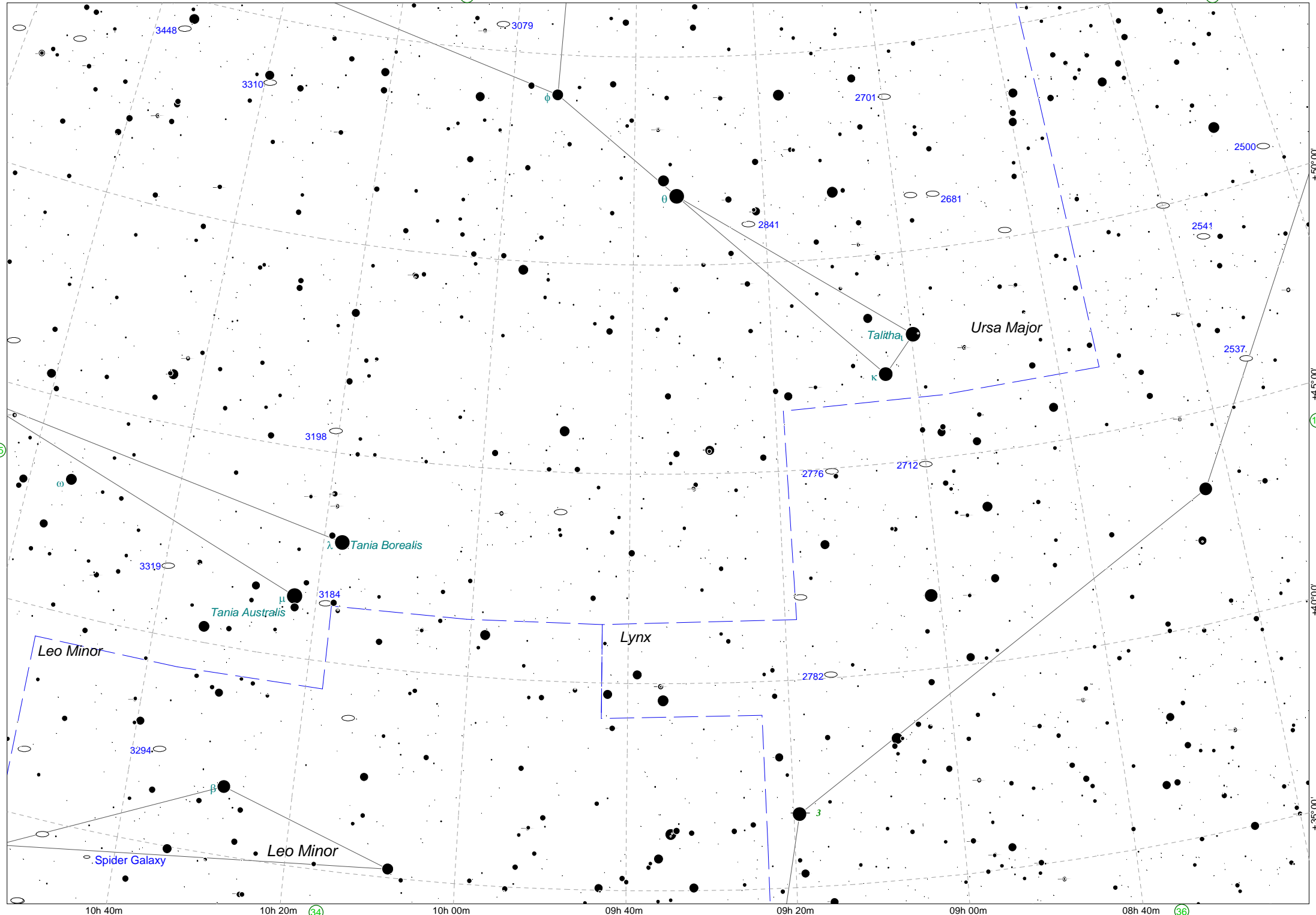
13h 20m

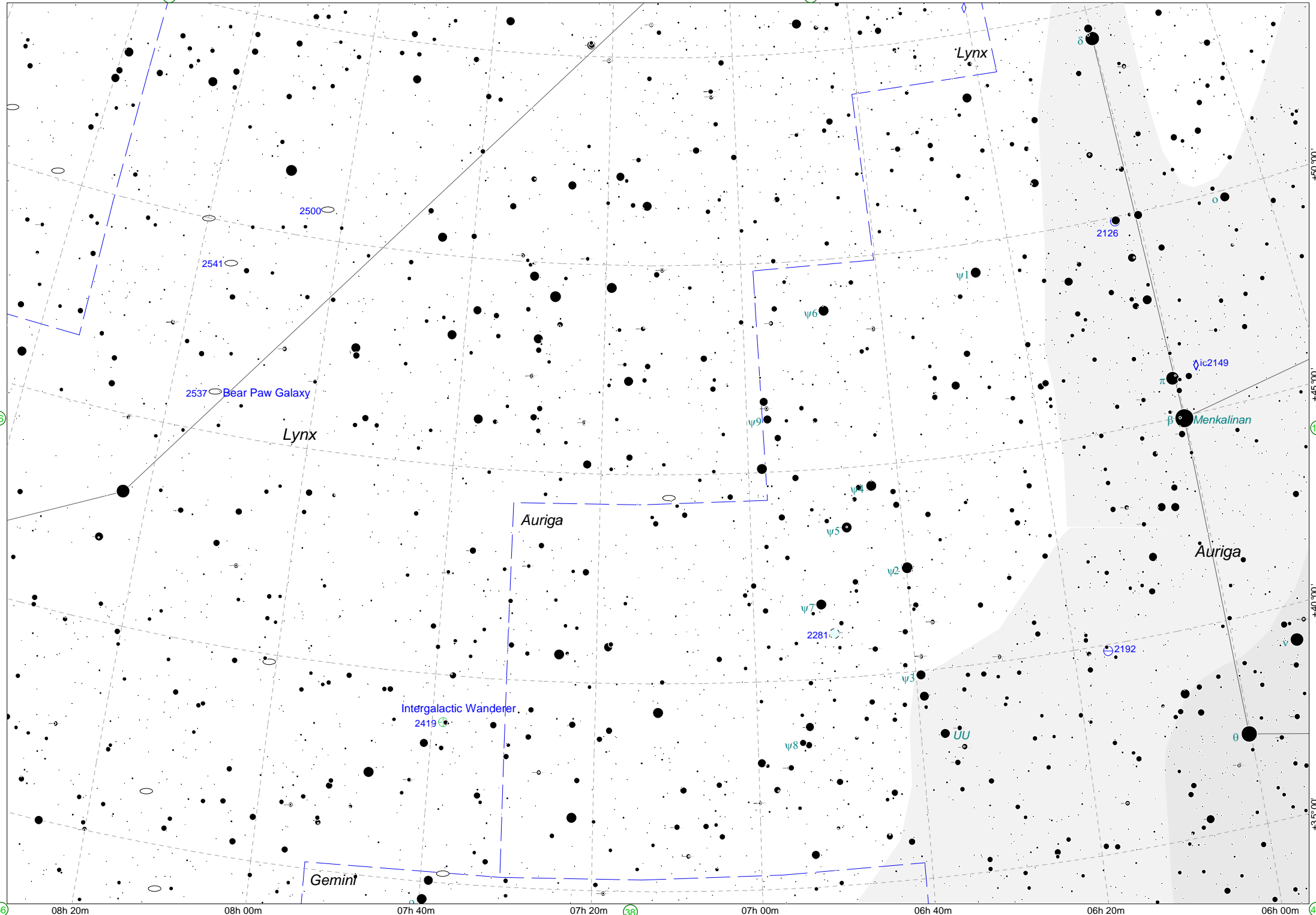
29

30

Chart 15







16

36

8

38

18

40

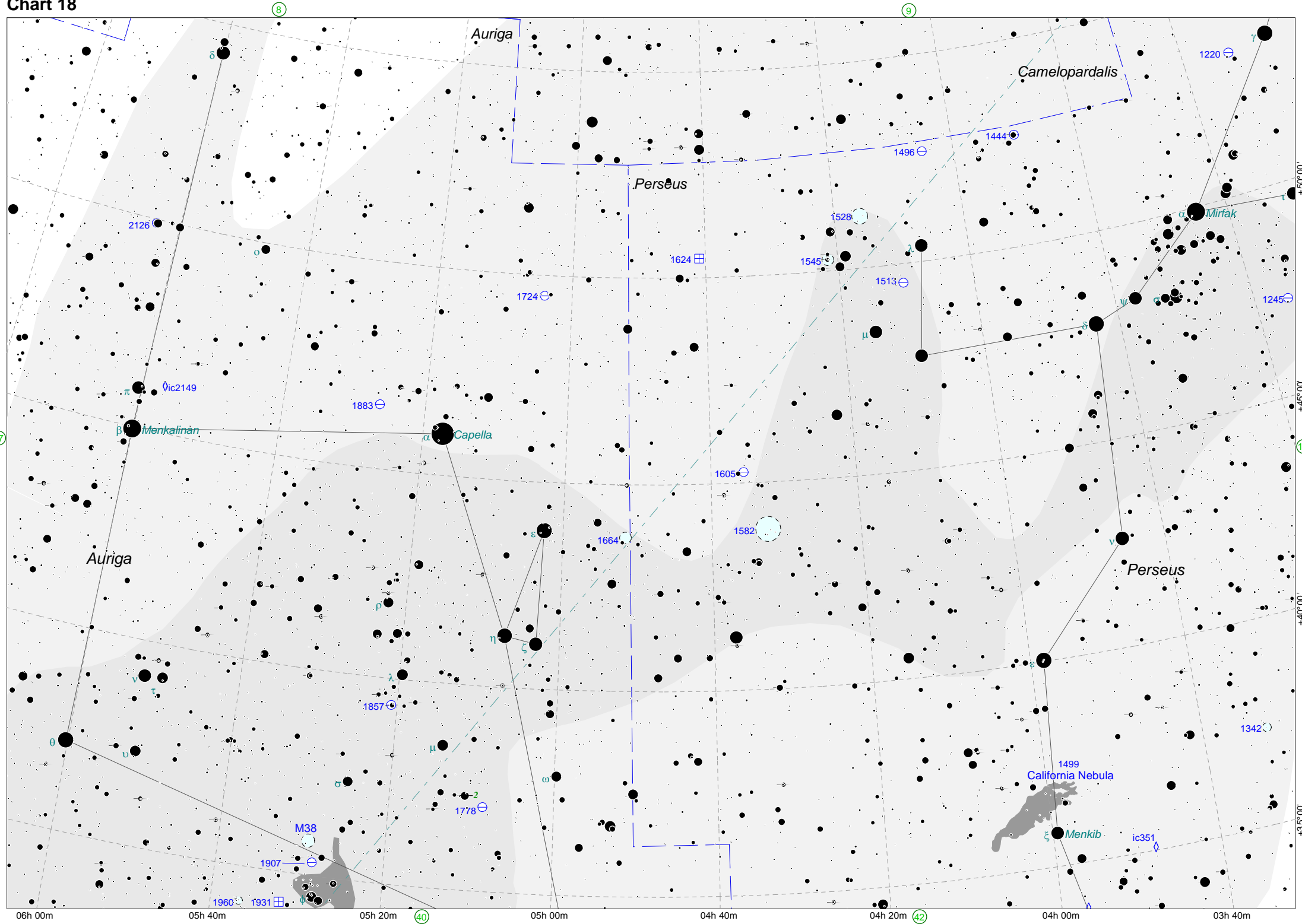
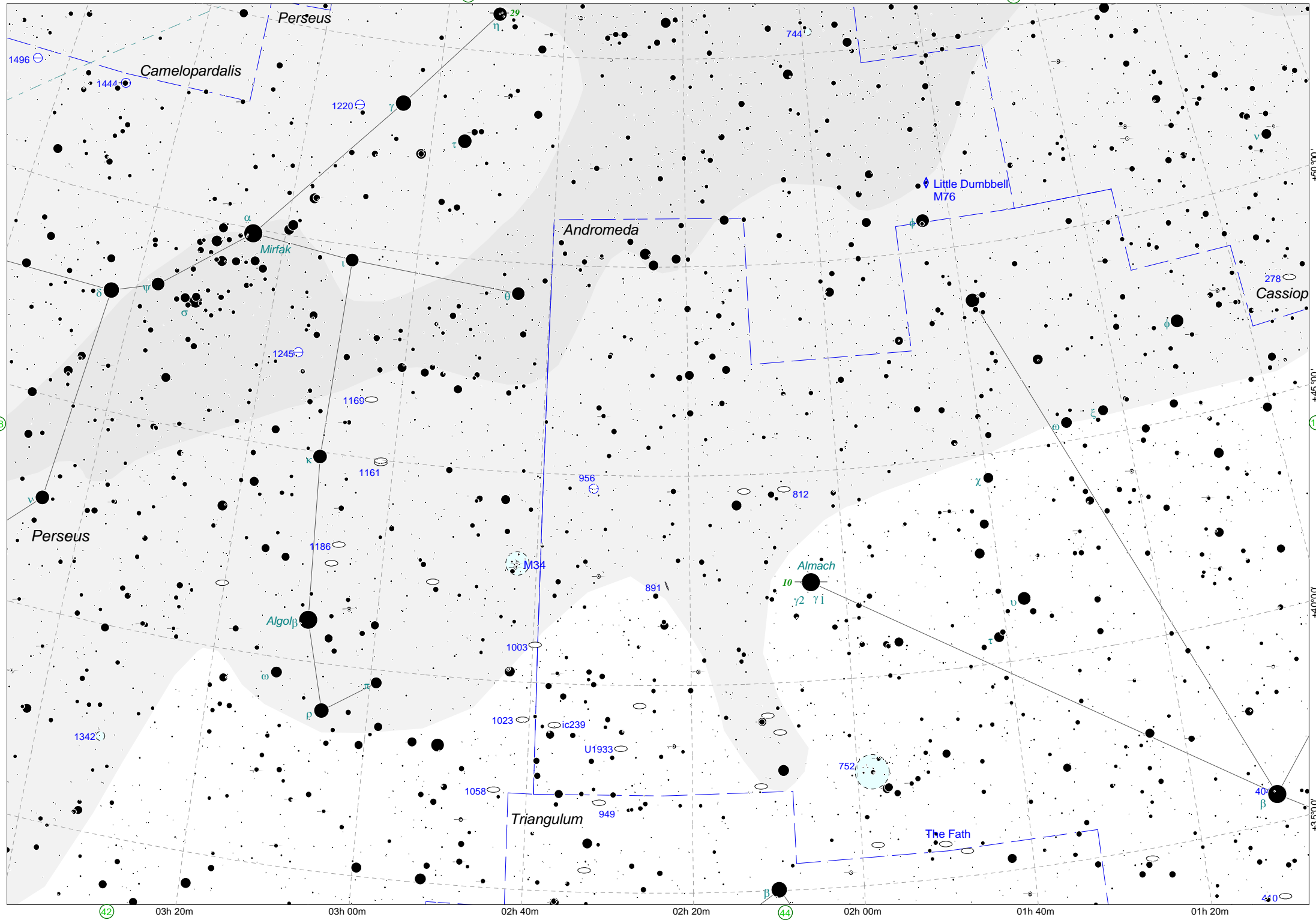
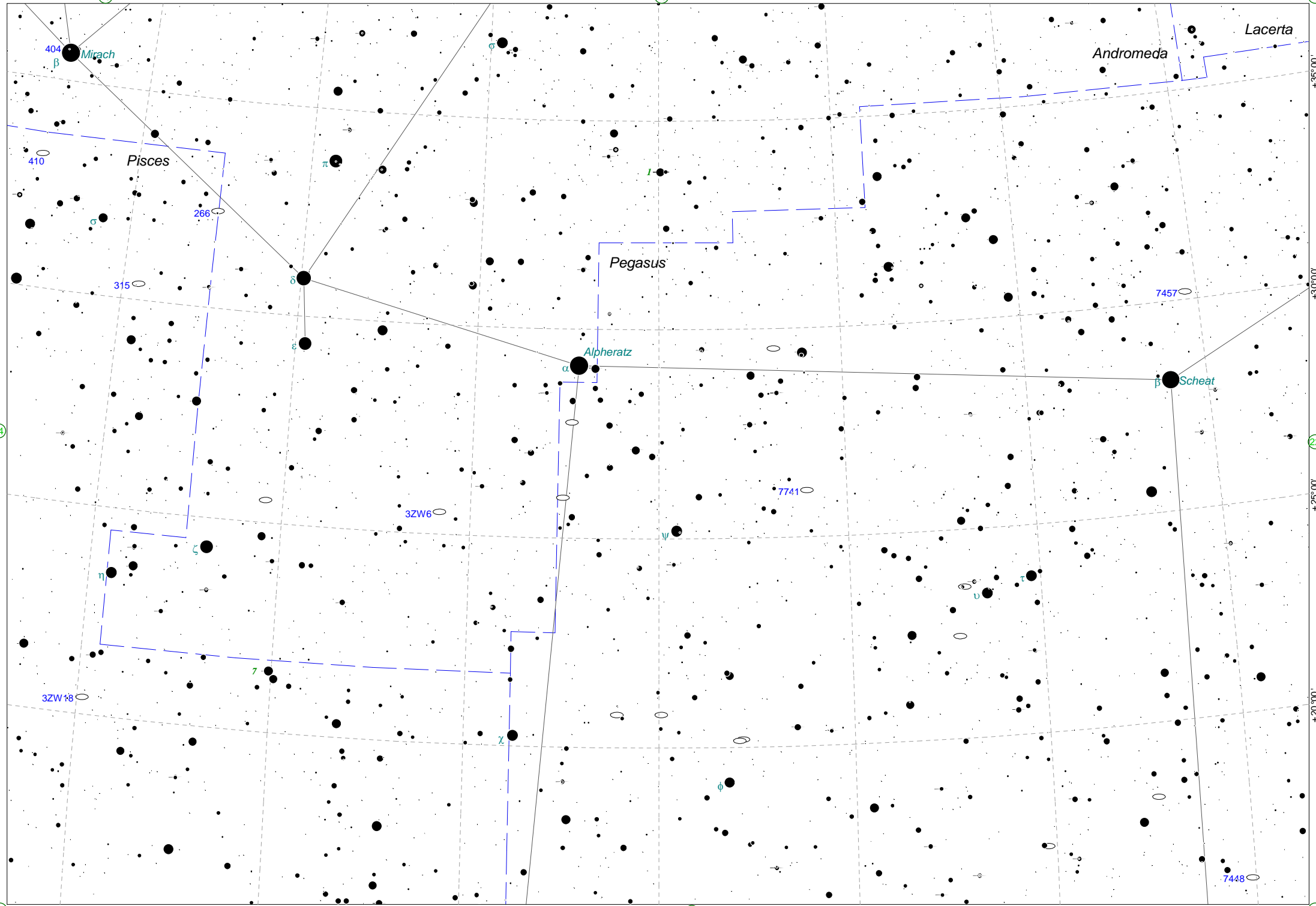
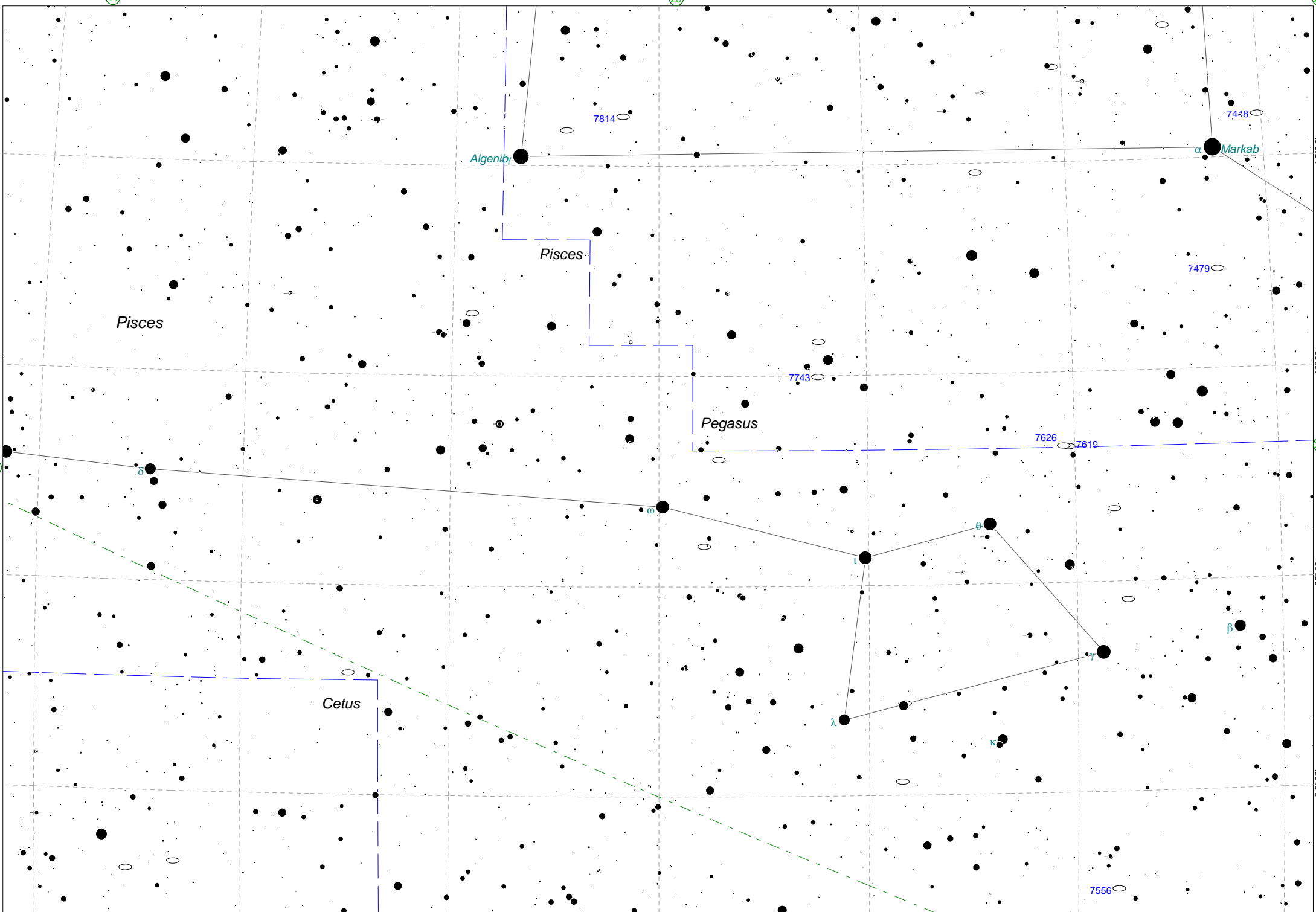
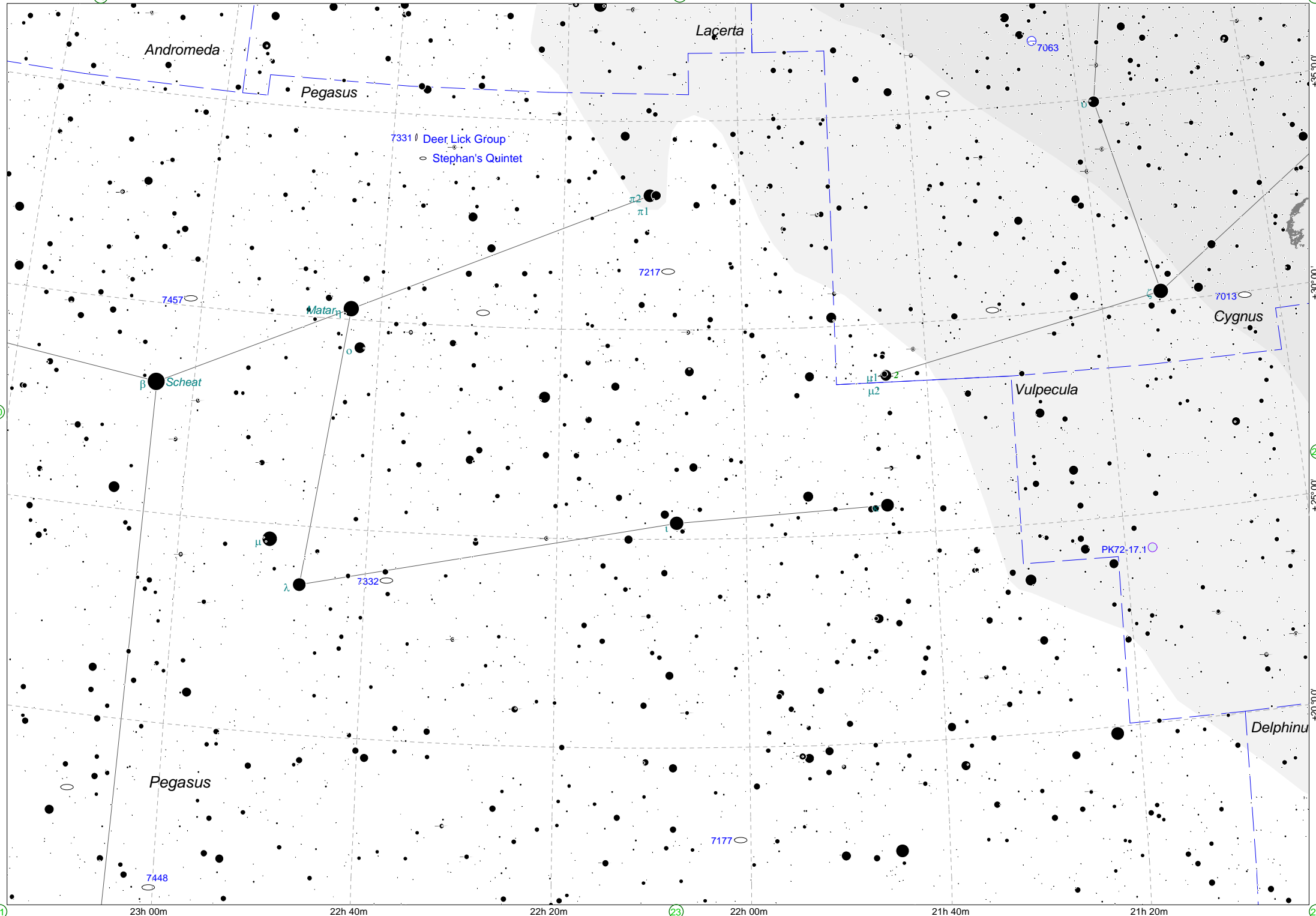


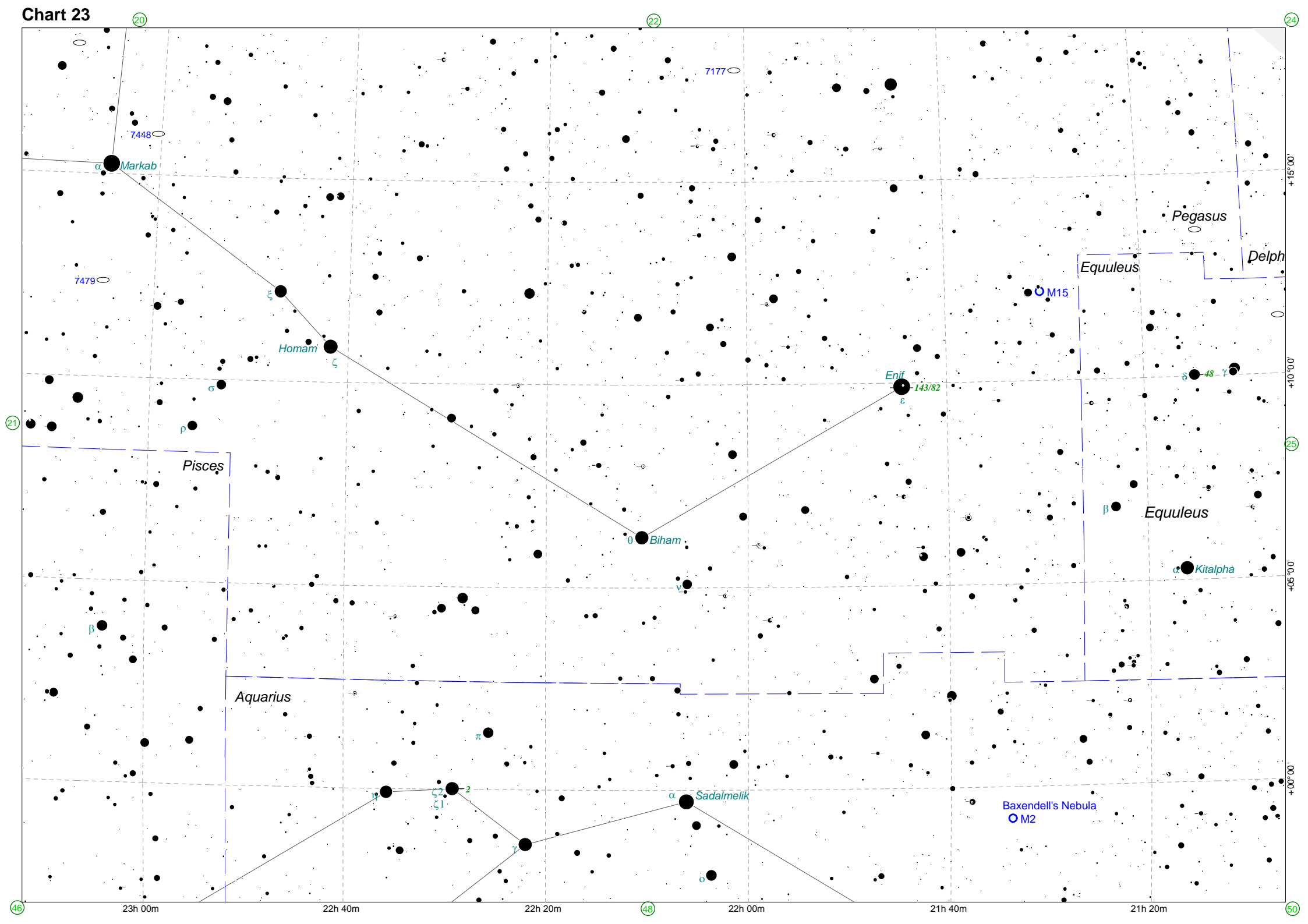
Chart 19











α Markab

Homam ζ

Enif ϵ 143/82

η Biham

β Equuleus

α Kitalpha

Pisces

Aquarius

Equuleus

Pegasus

Delph

Baxendell's Nebula
M2

α Sadalmelik

7448

7479

7177

M15

δ 48

ζ 2

ζ 1

π

σ

ρ

σ

ω

20

22

24

21

25

46

48

50

23h 00m

22h 40m

22h 20m

22h 00m

21h 40m

21h 20m

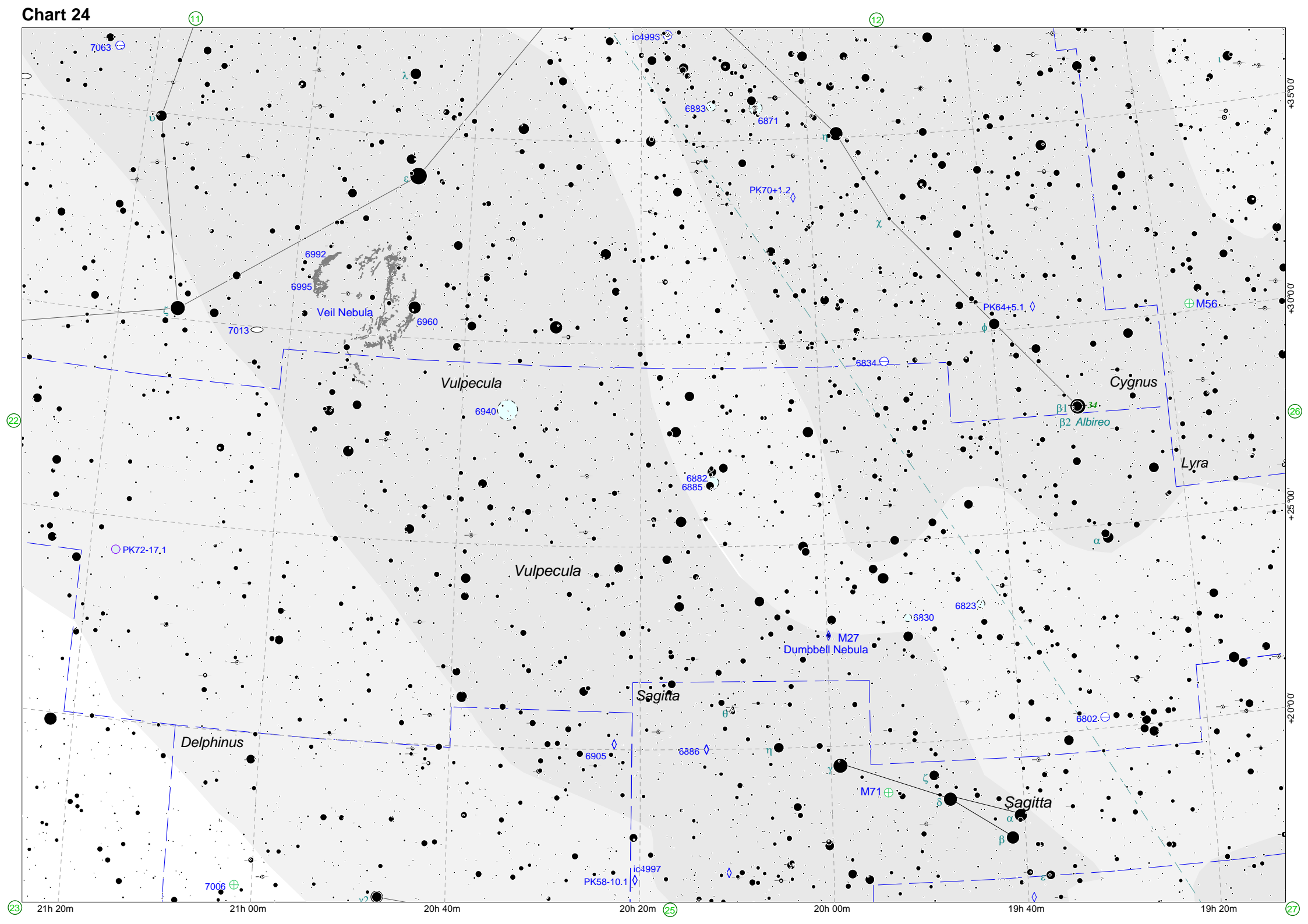
+15°00'

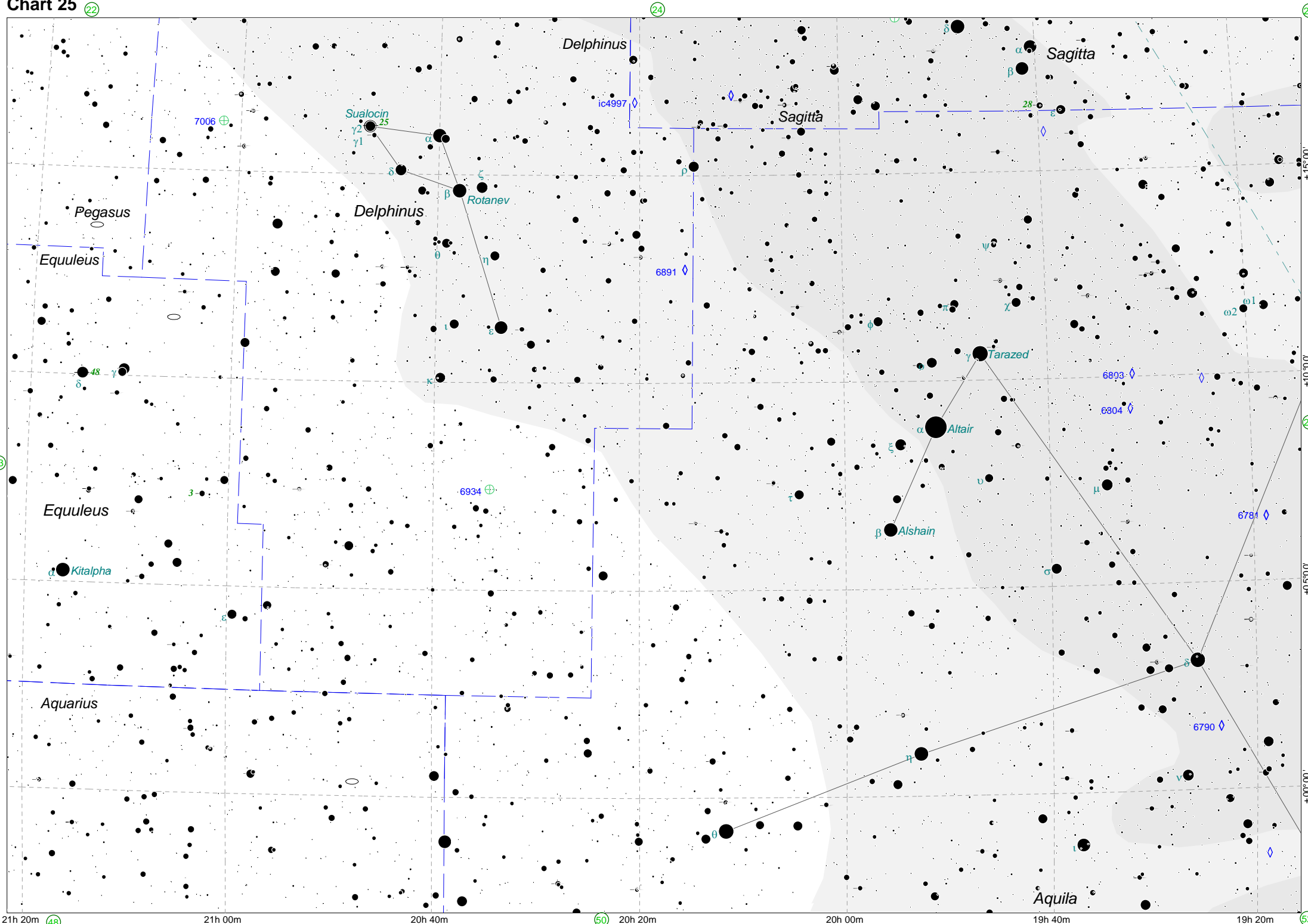
+10°00'

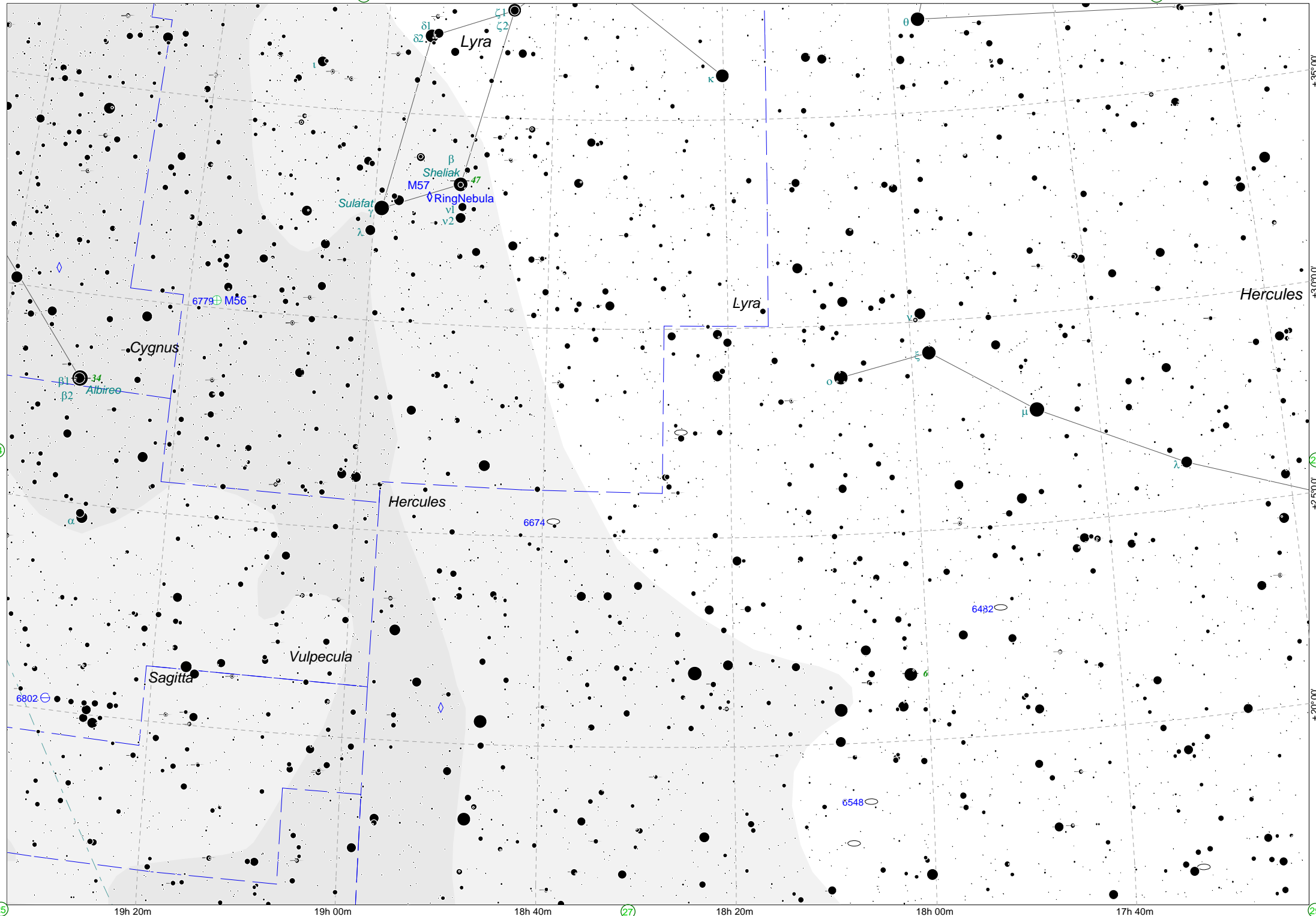
+05°00'

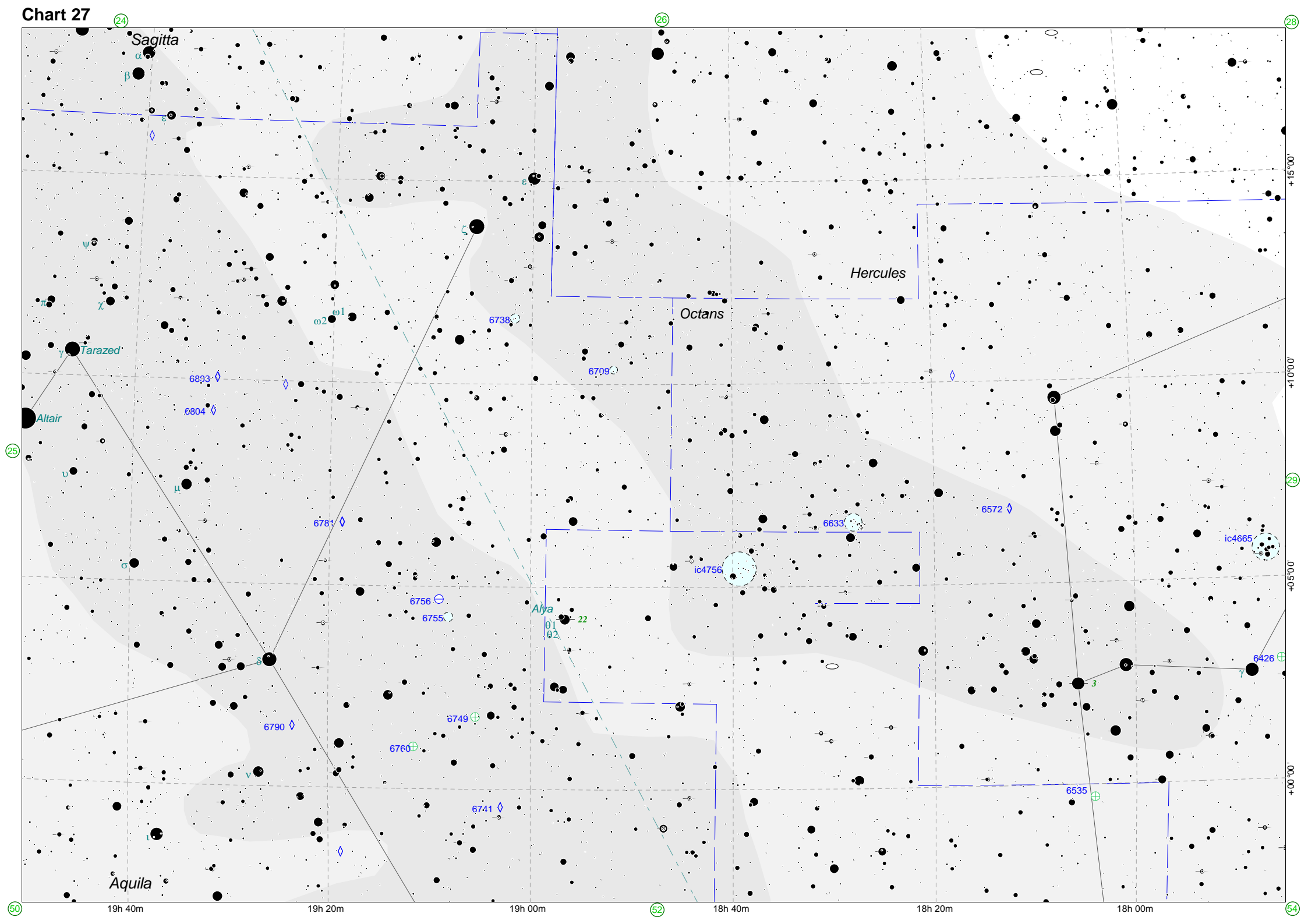
+00°00'

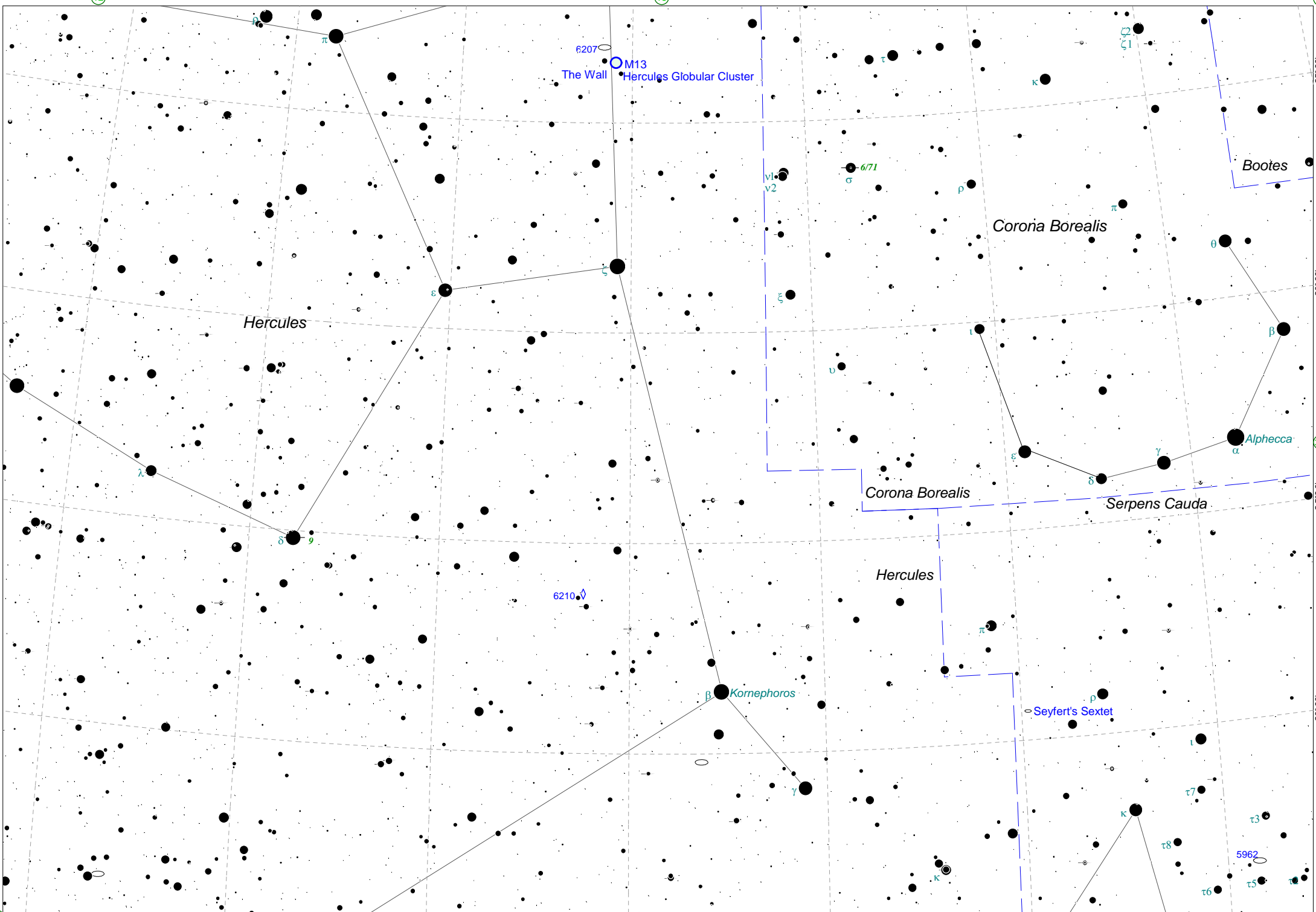
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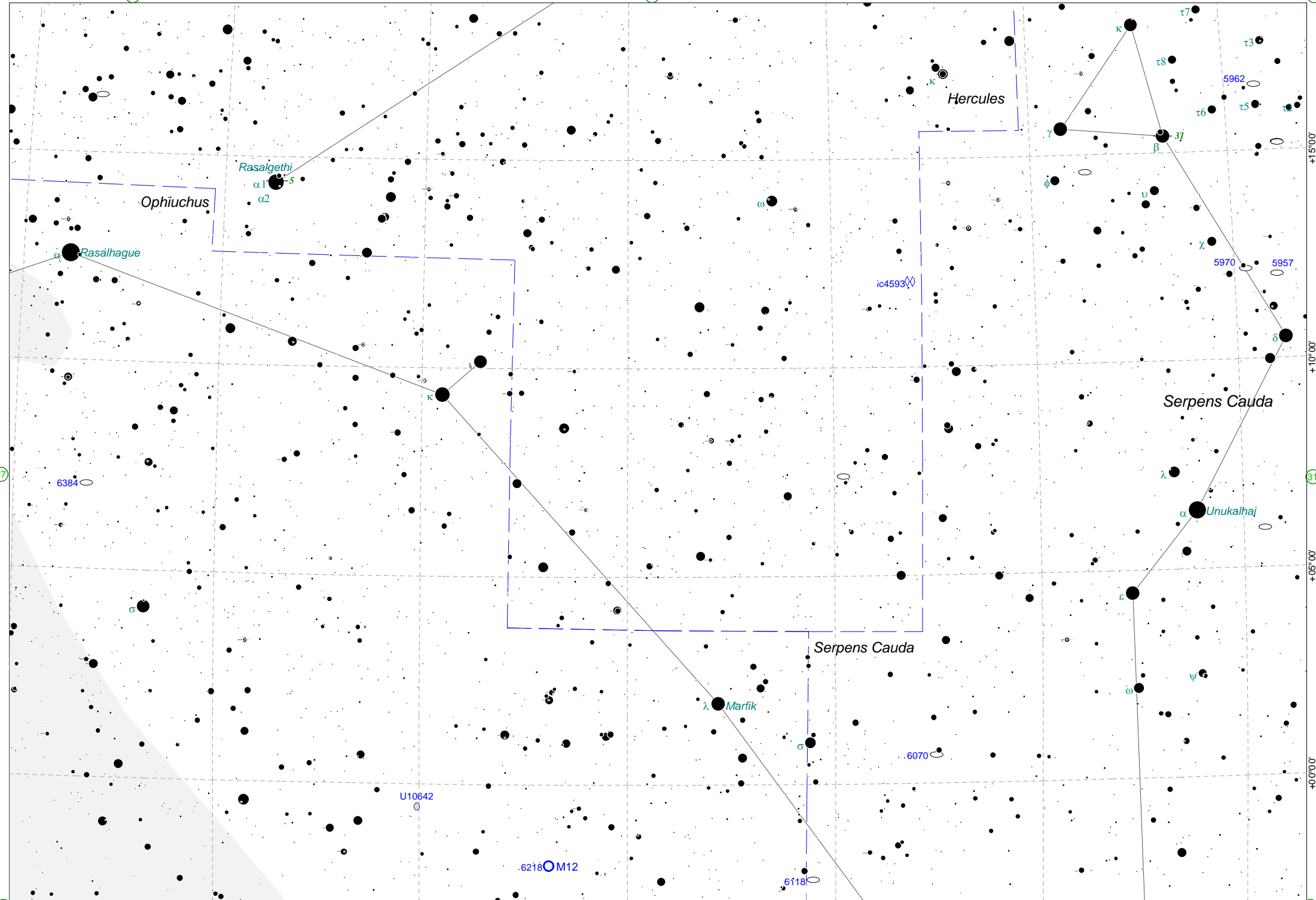












17h 20m

17h 00m

16h 40m

16h 20m

16h 00m

15h 40m

+15°00'

+10°00'

+05°00'

+00°00'

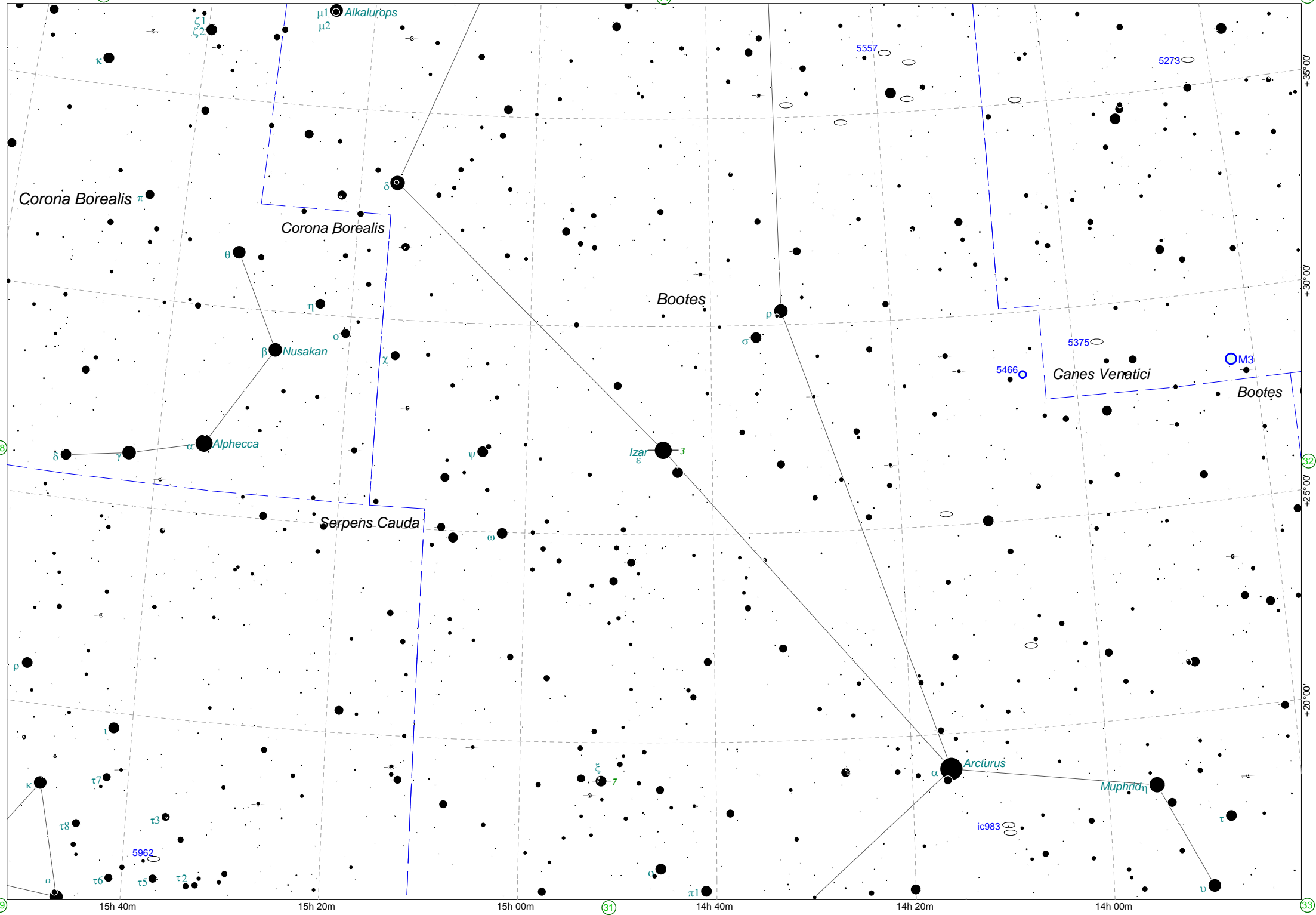
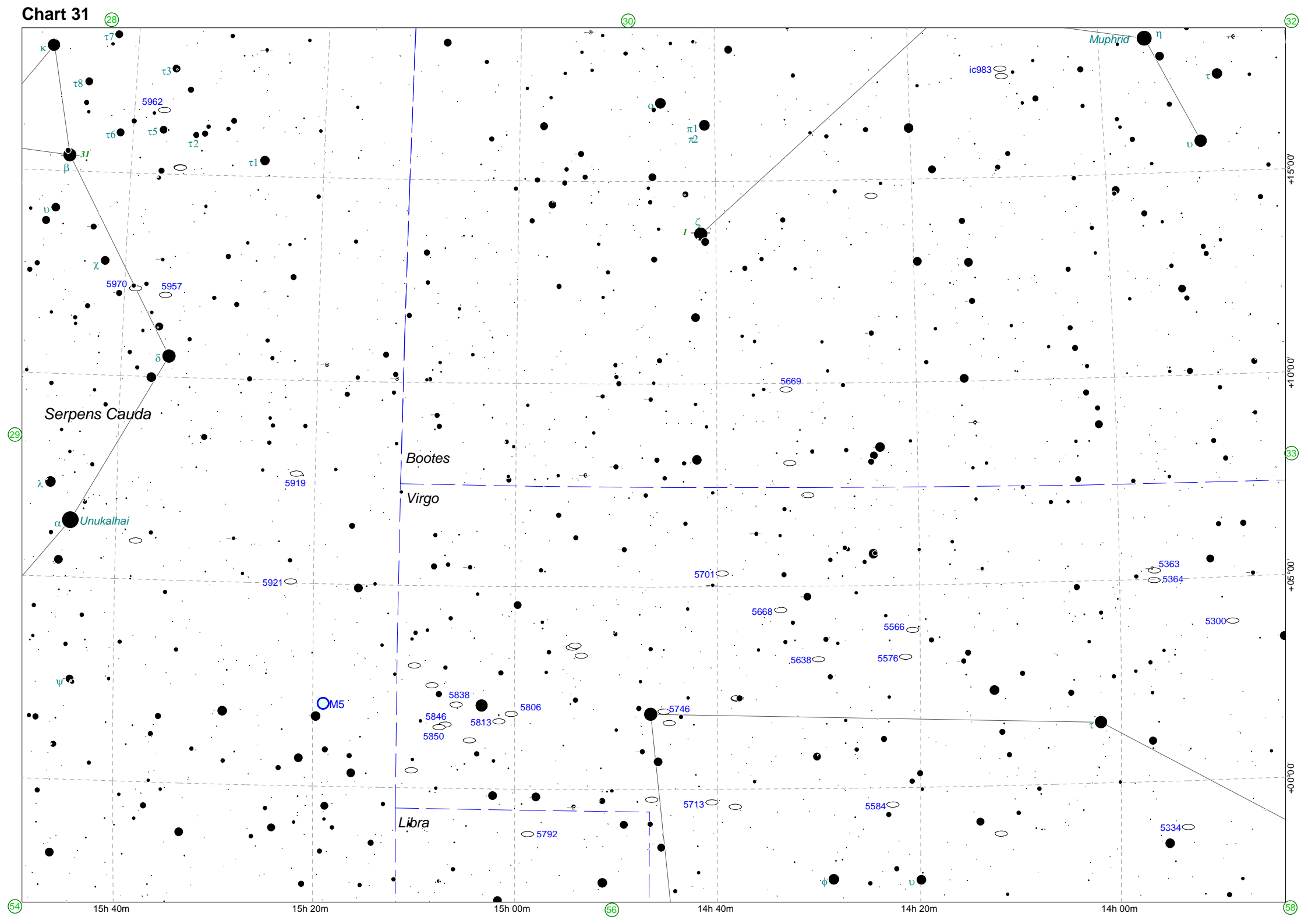


Chart 31



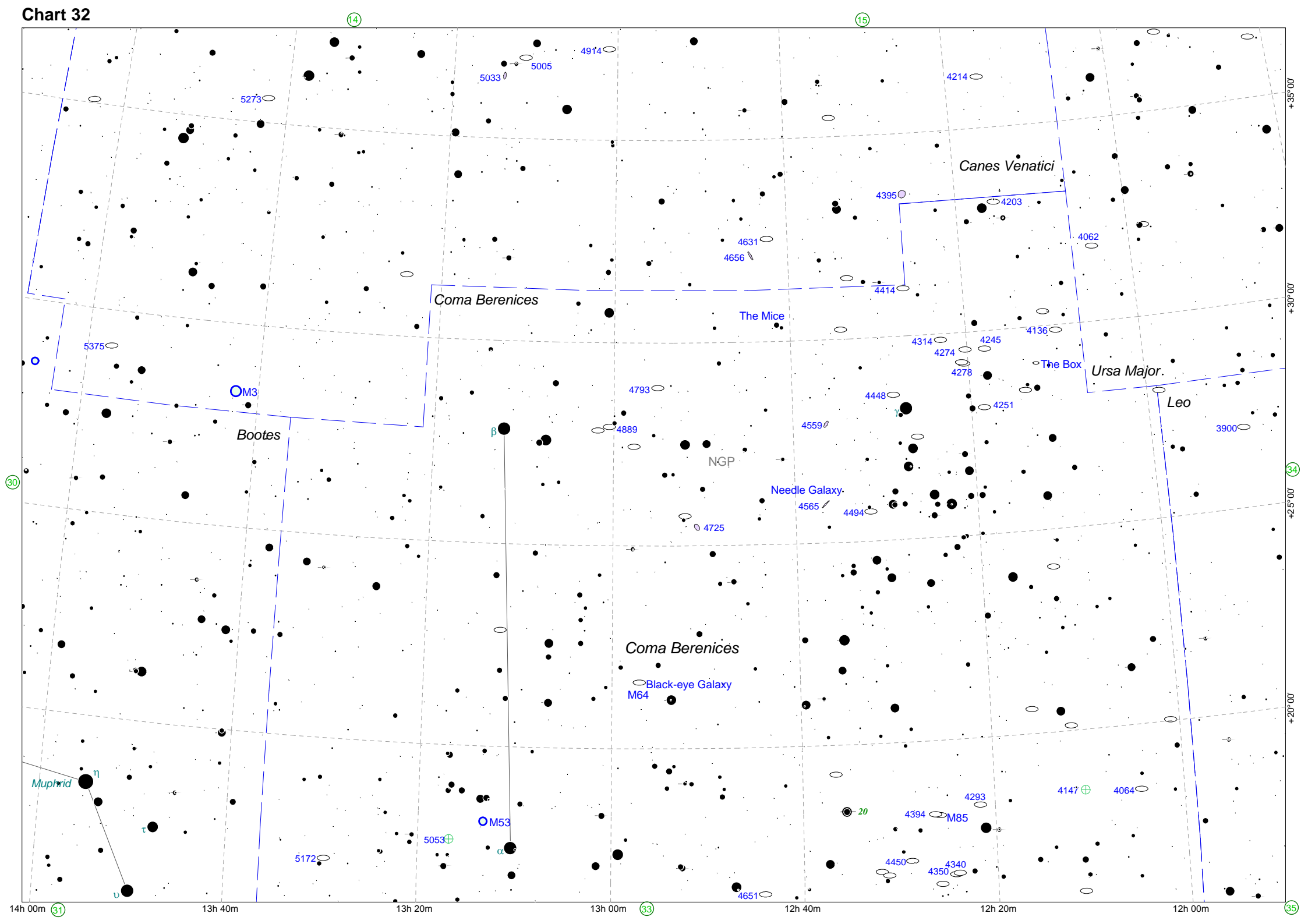
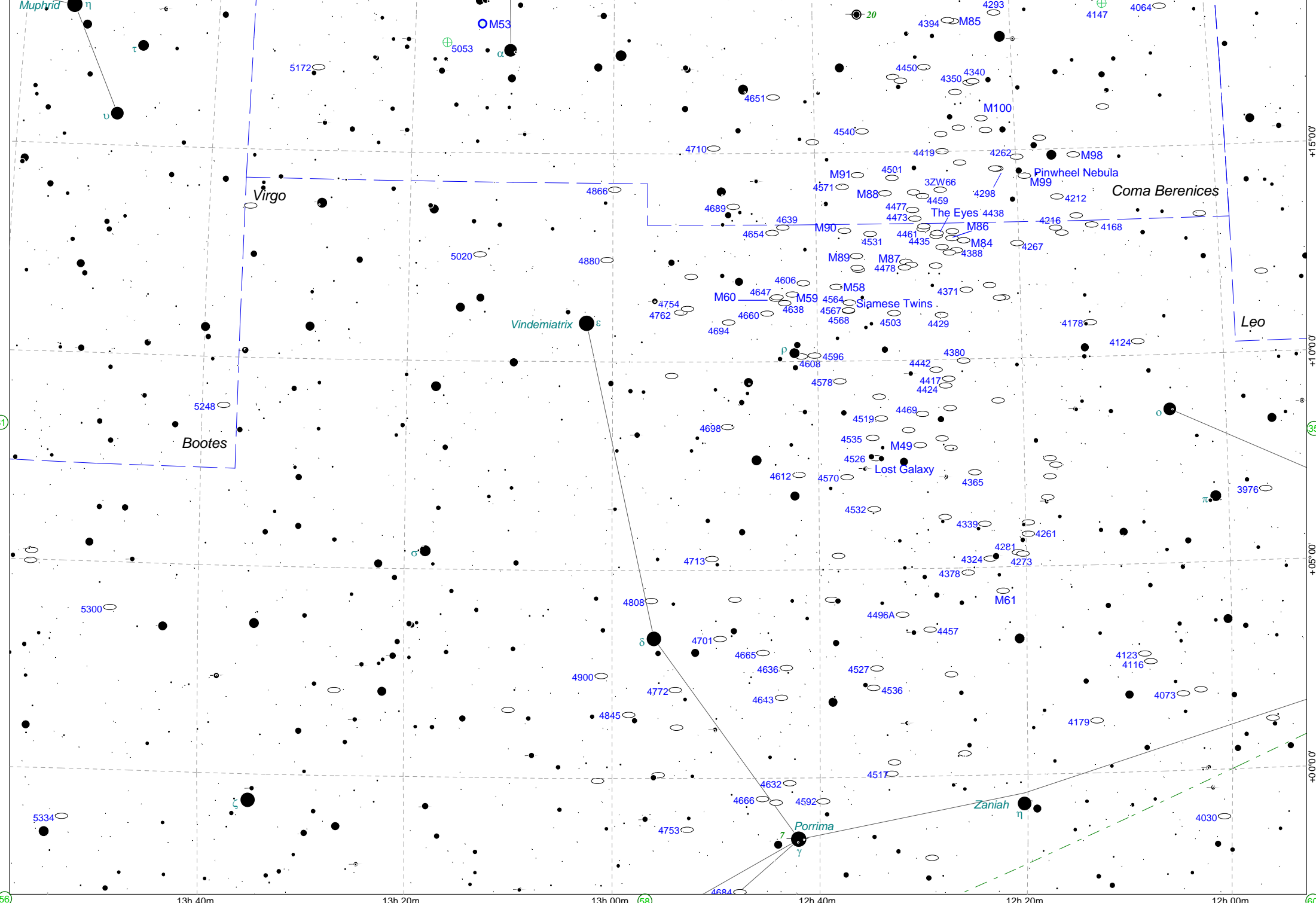
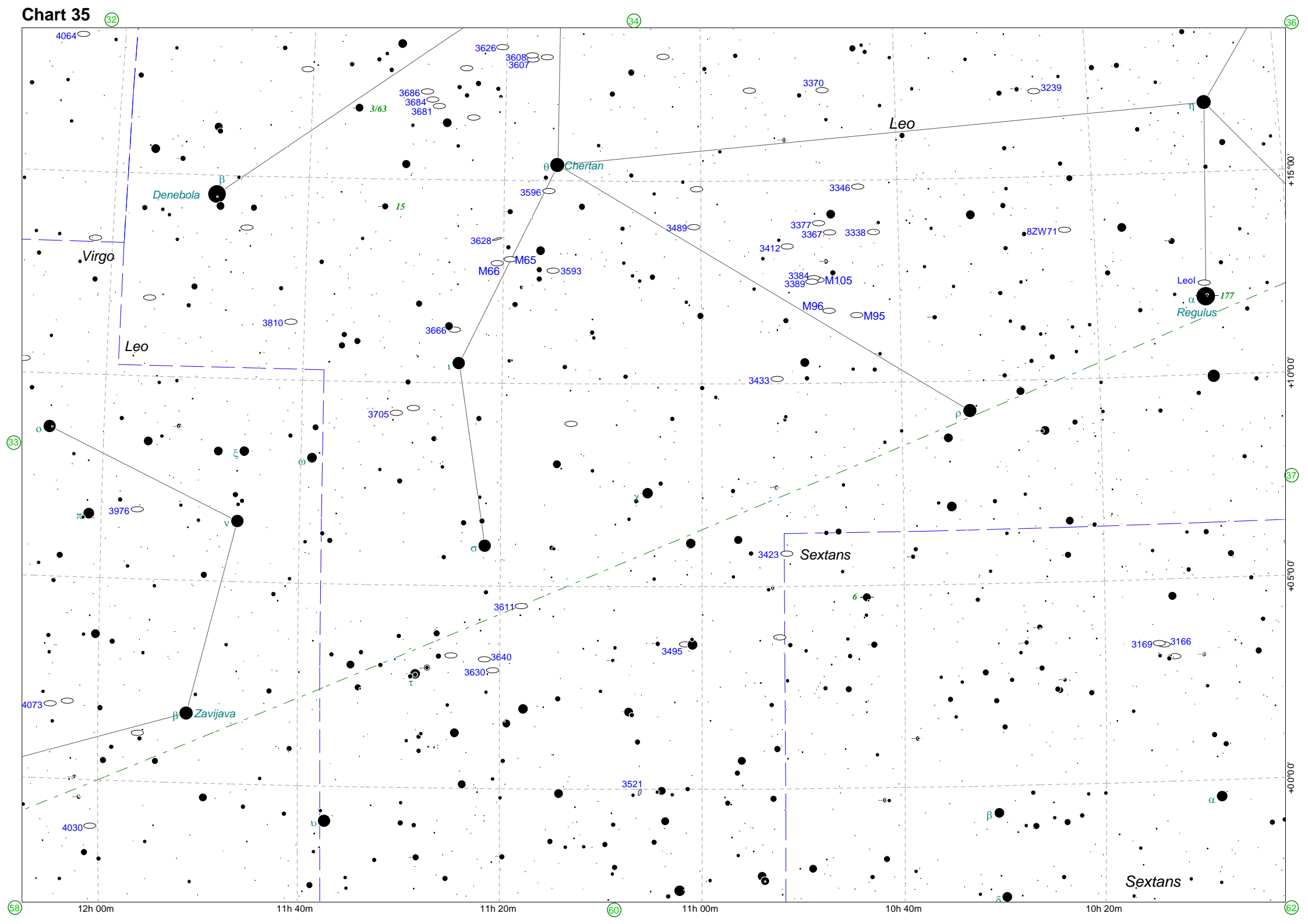
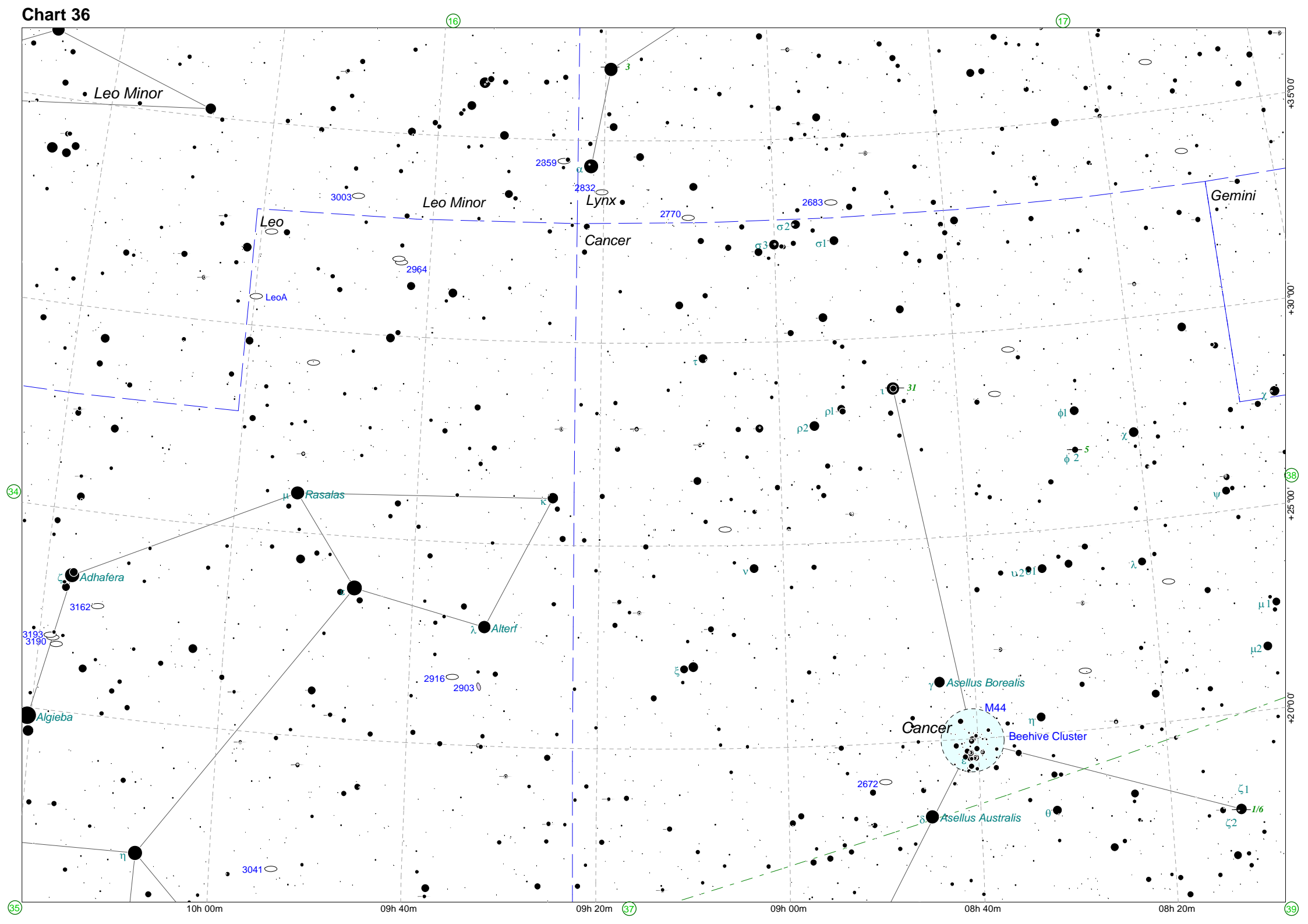
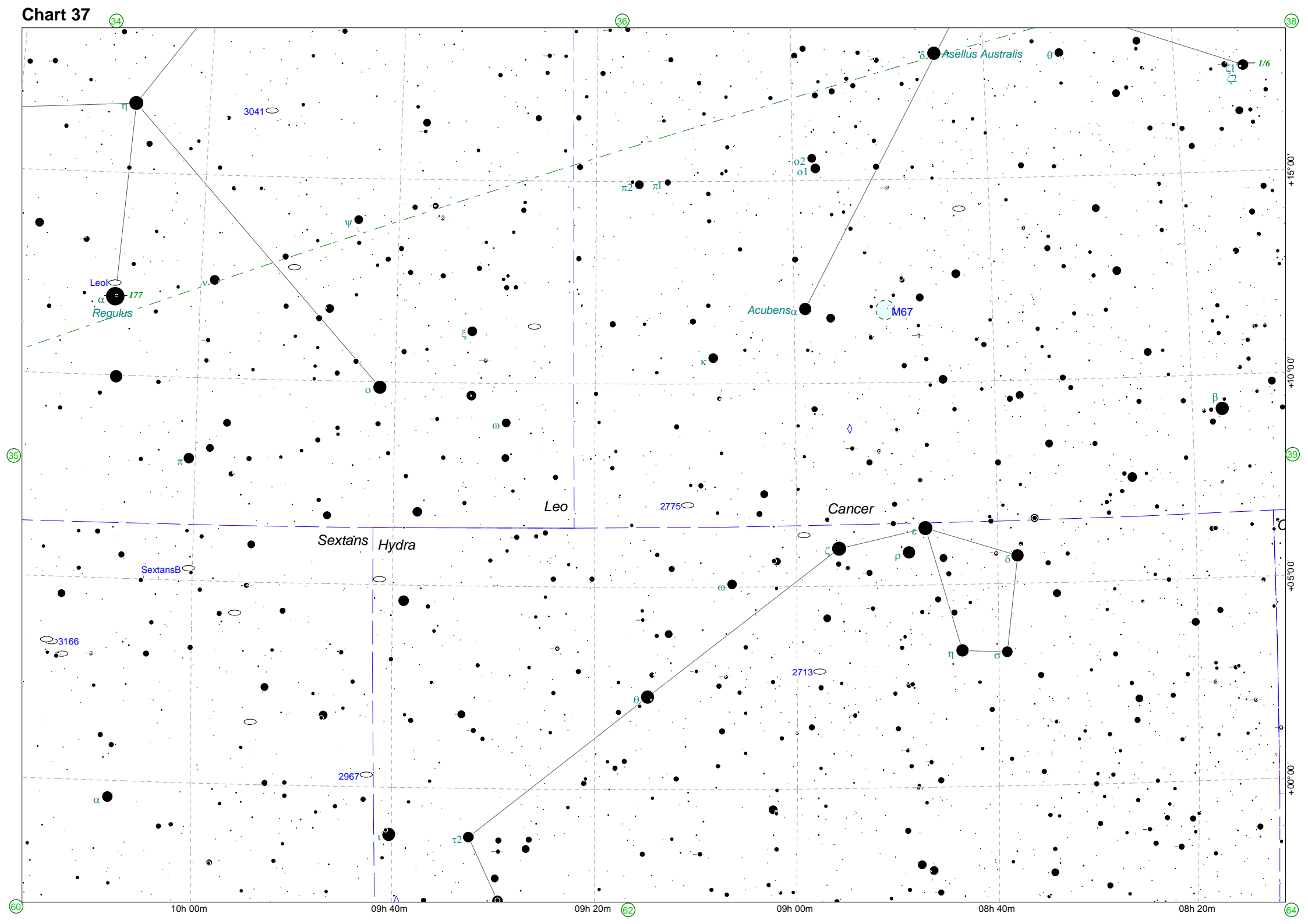


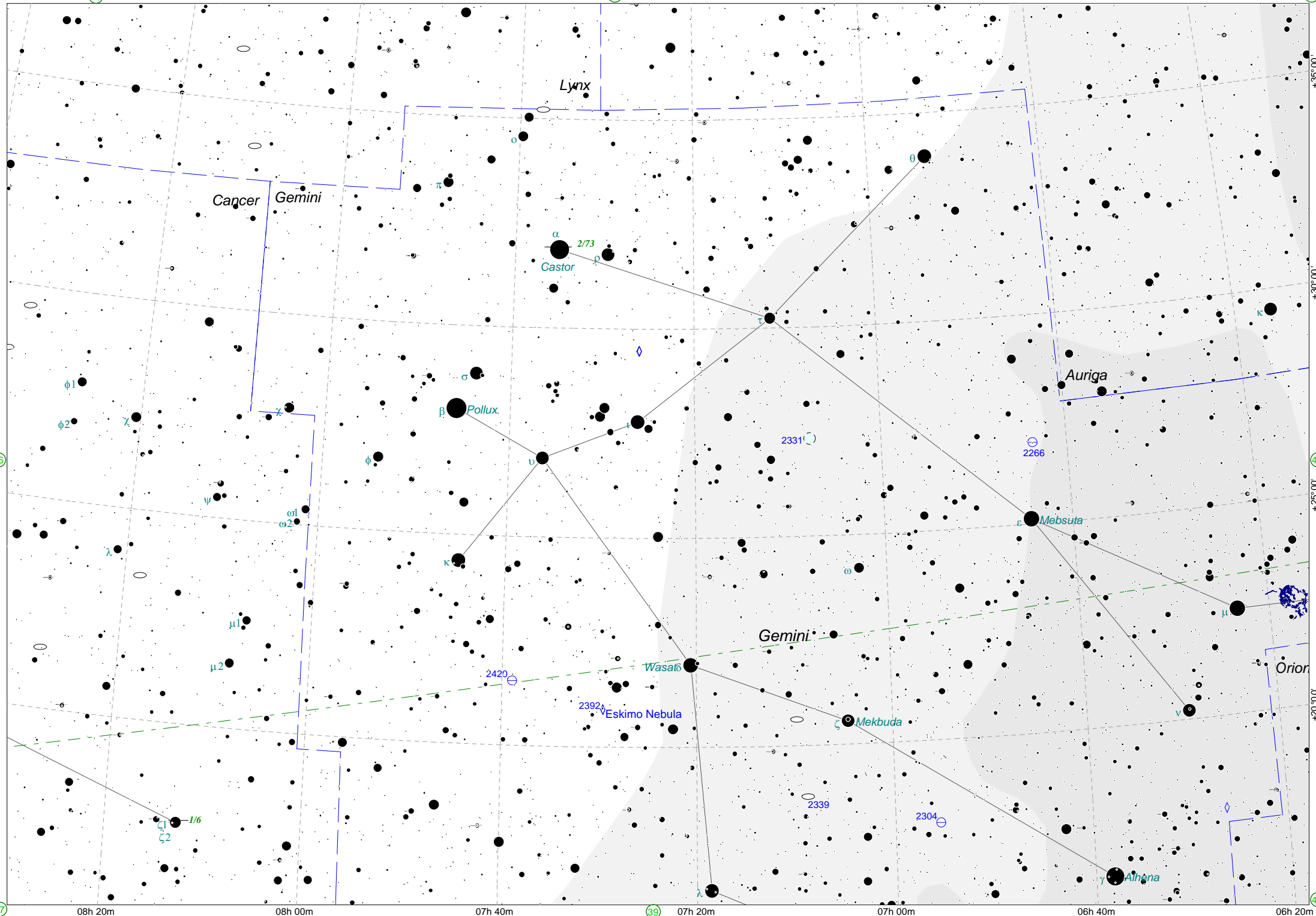
Chart 33

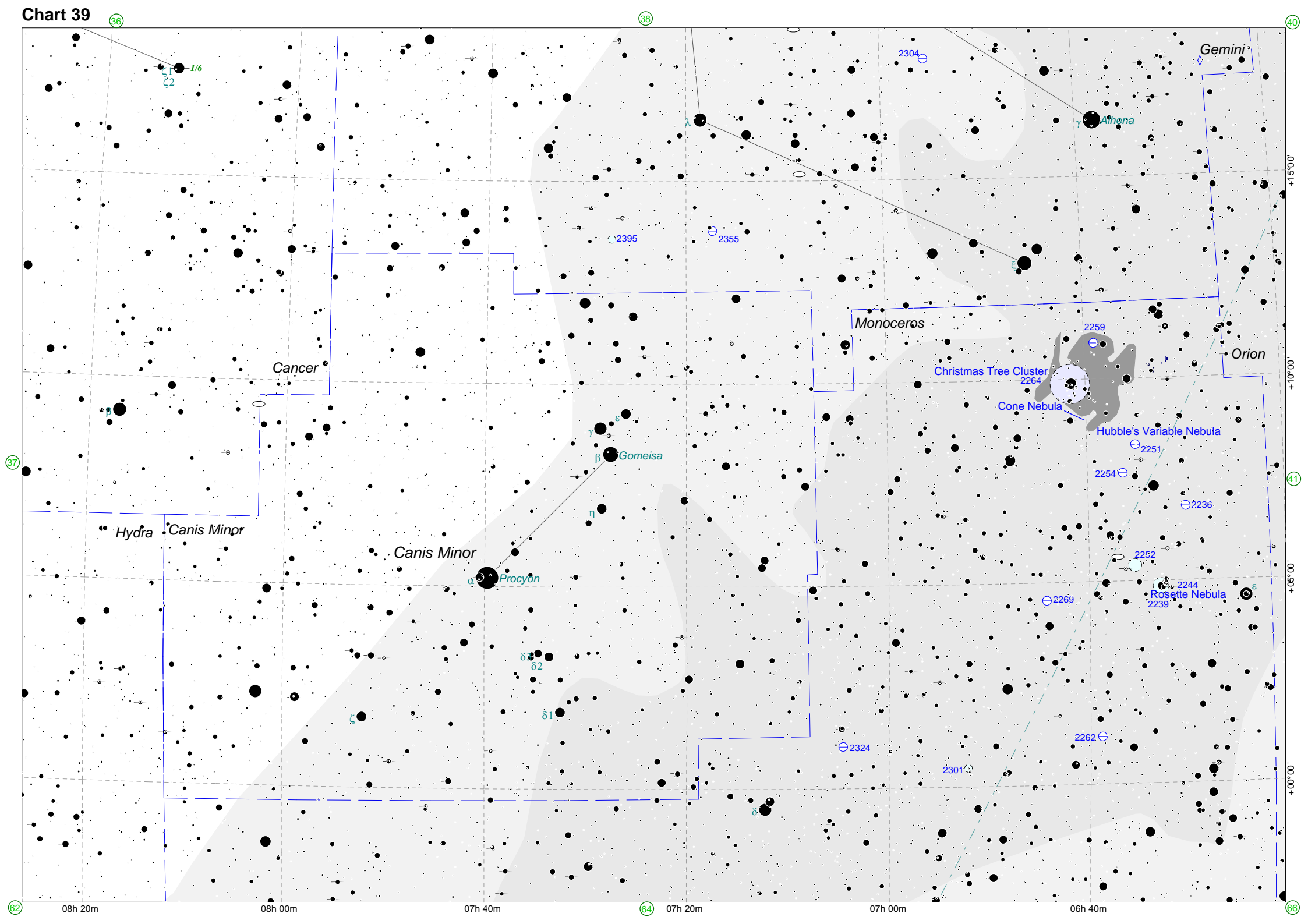


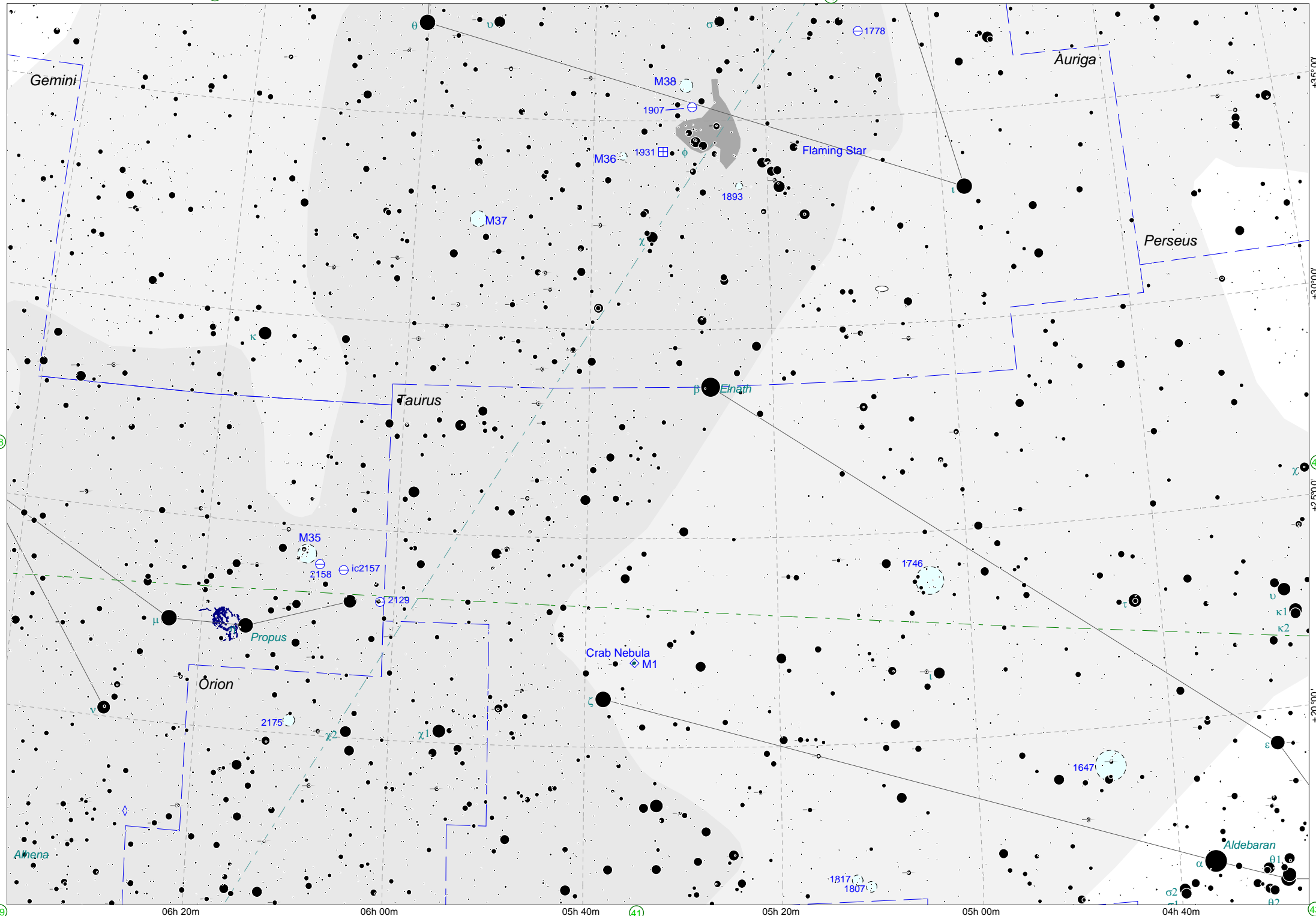


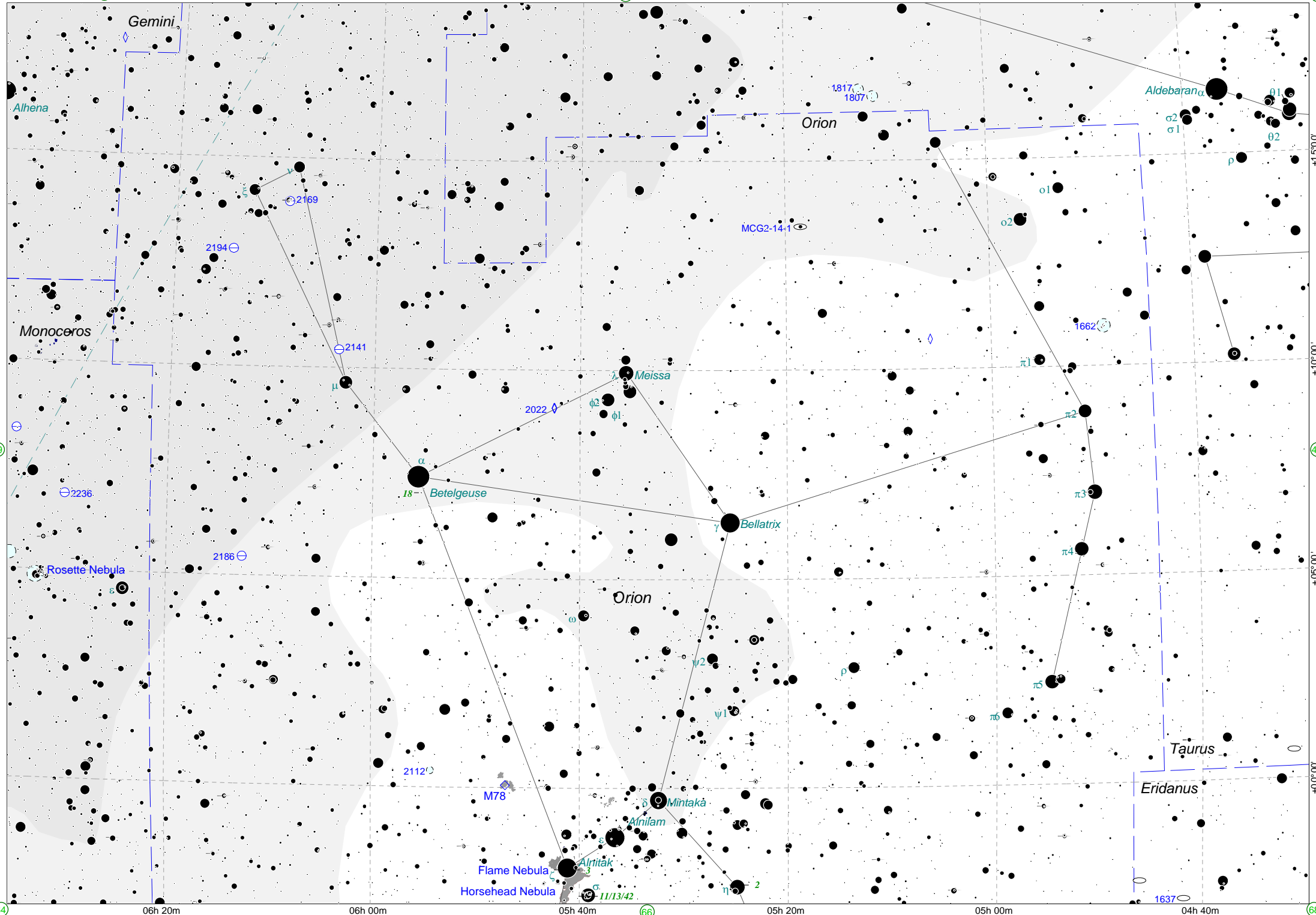


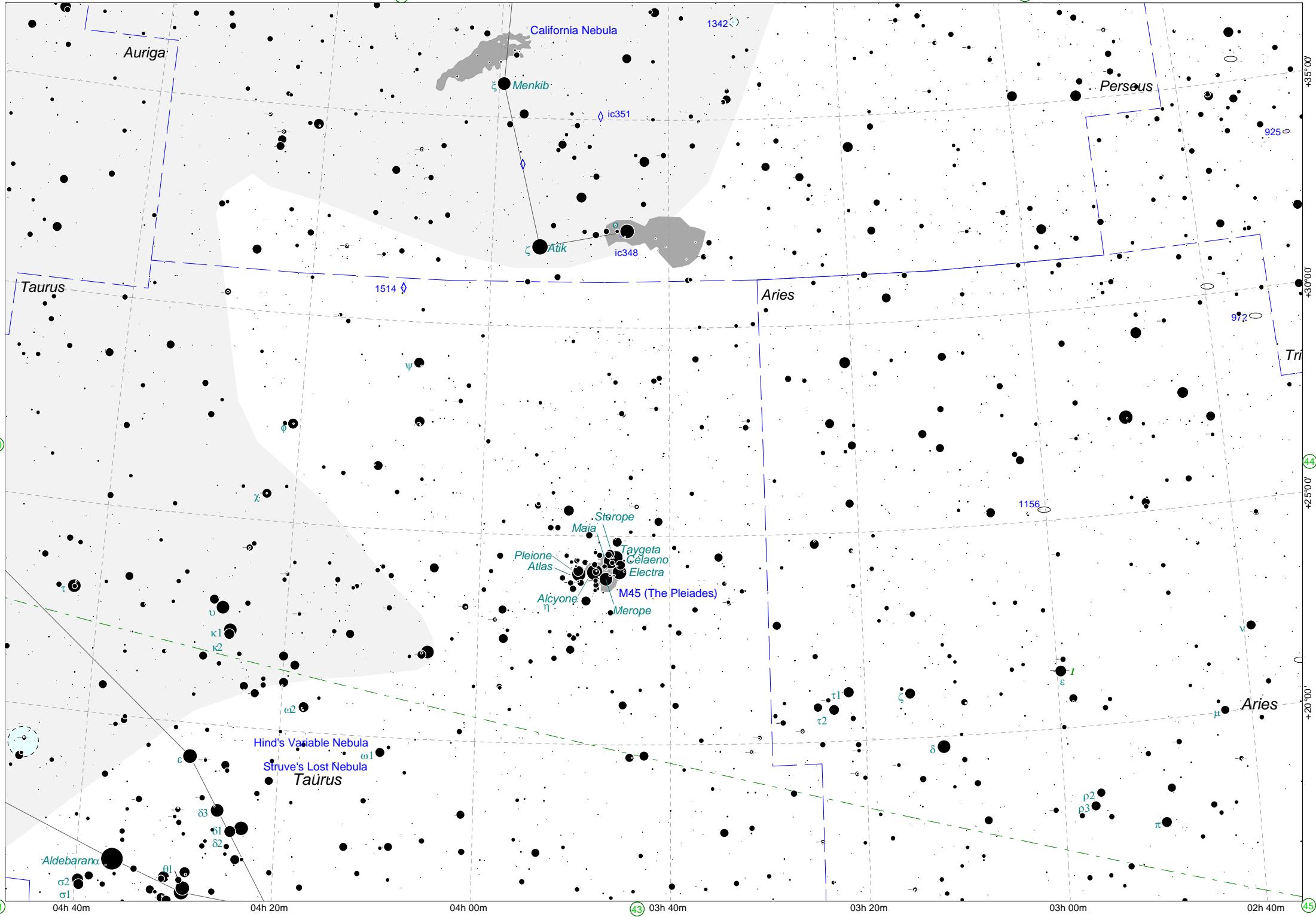


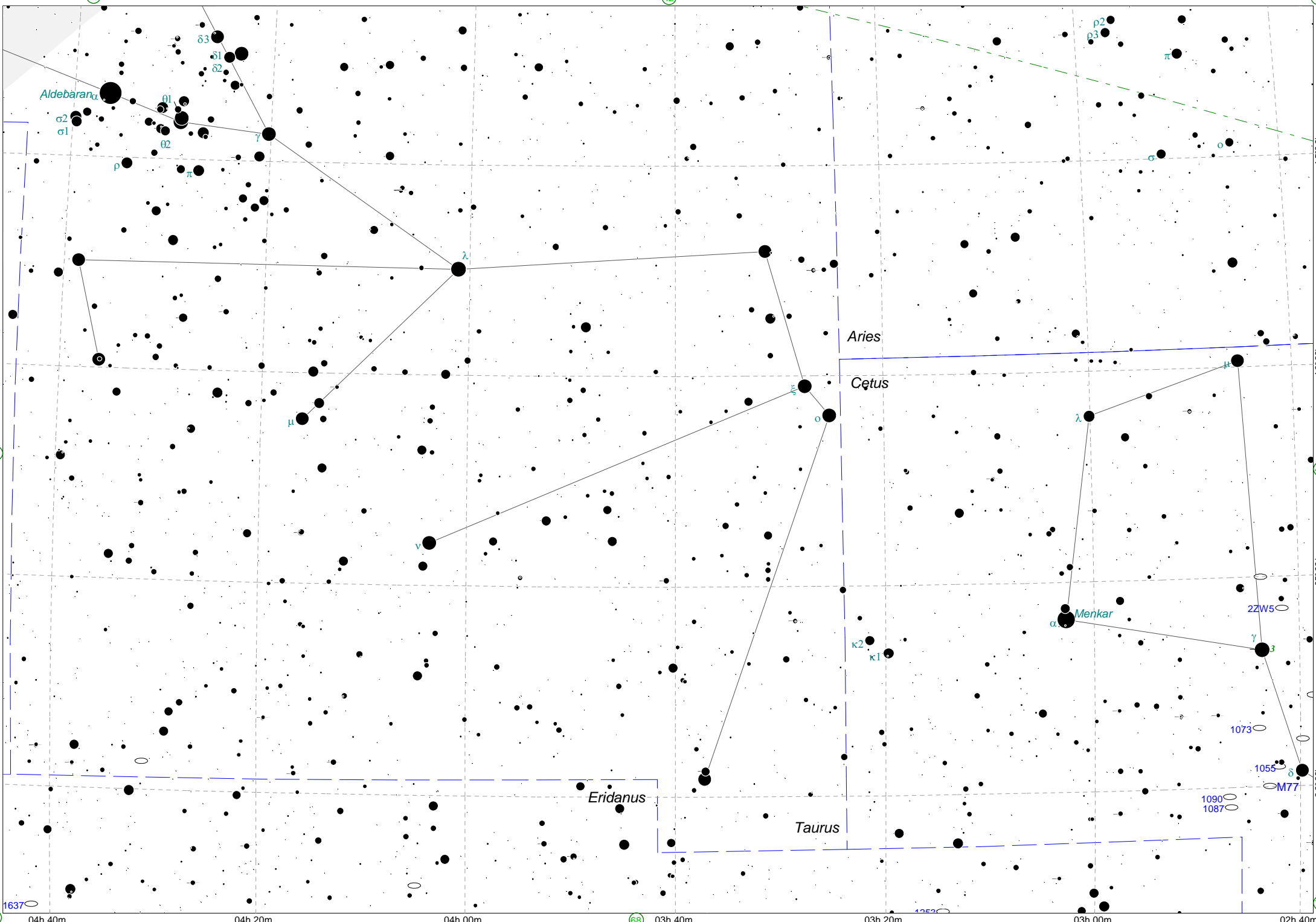


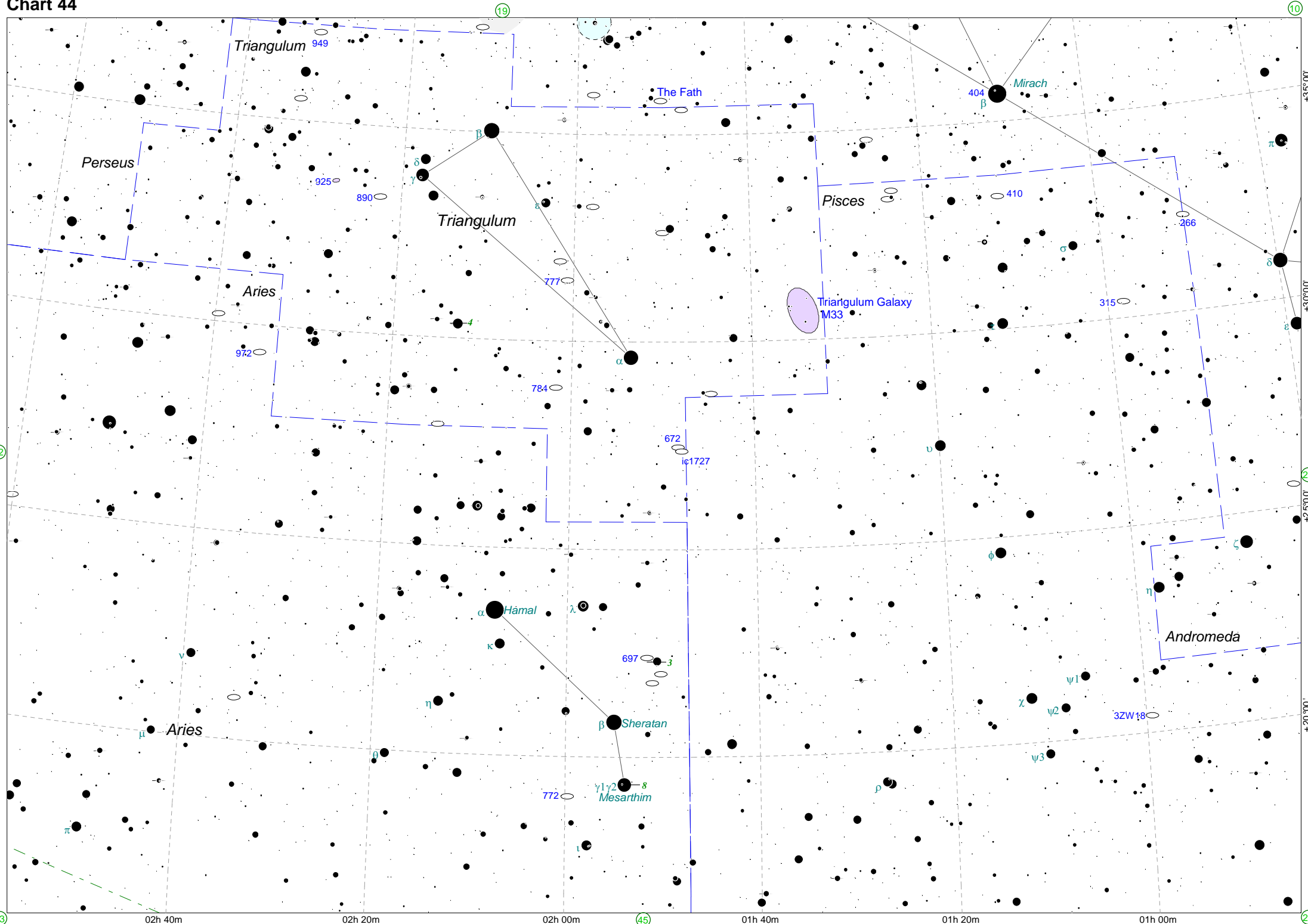


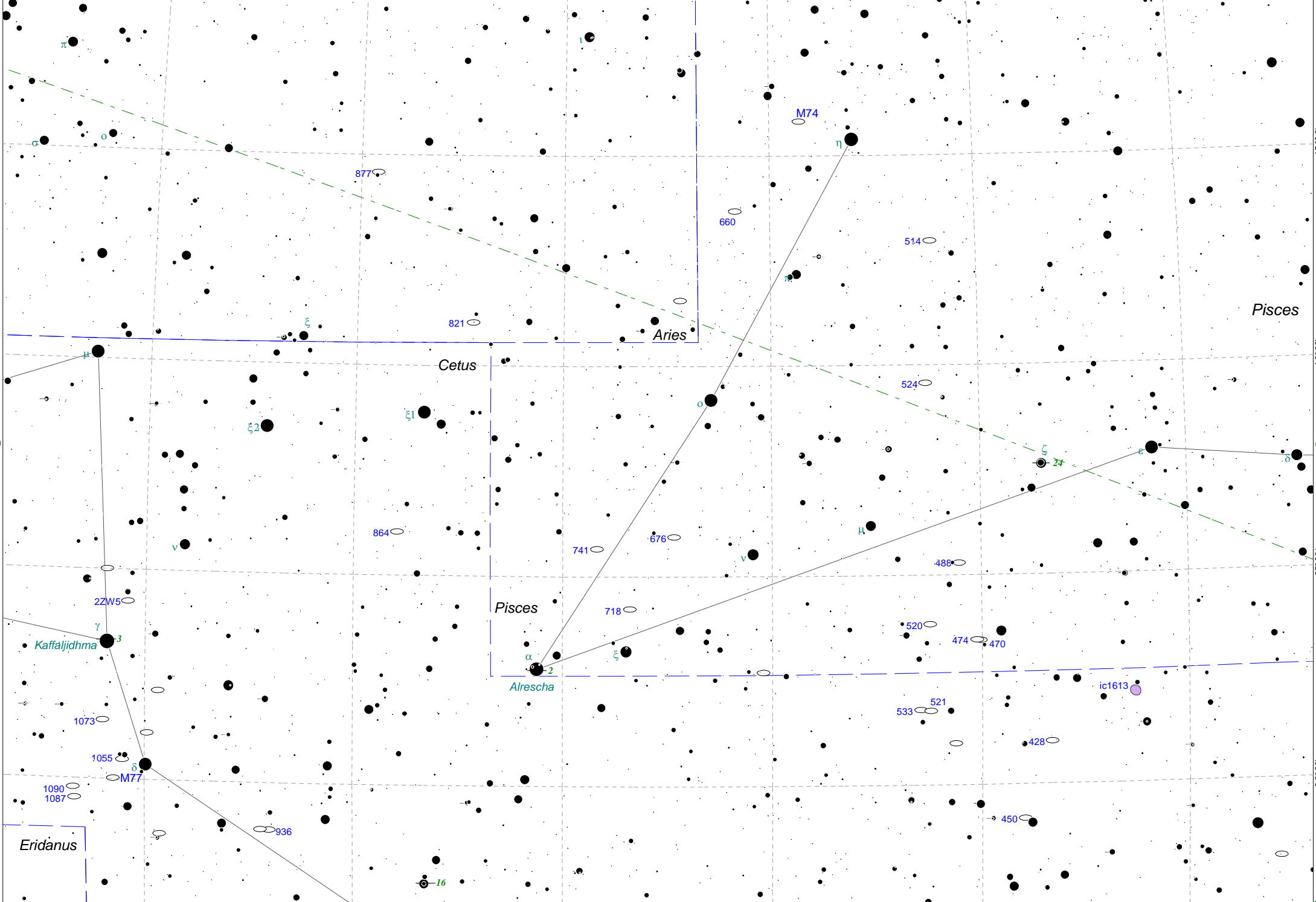


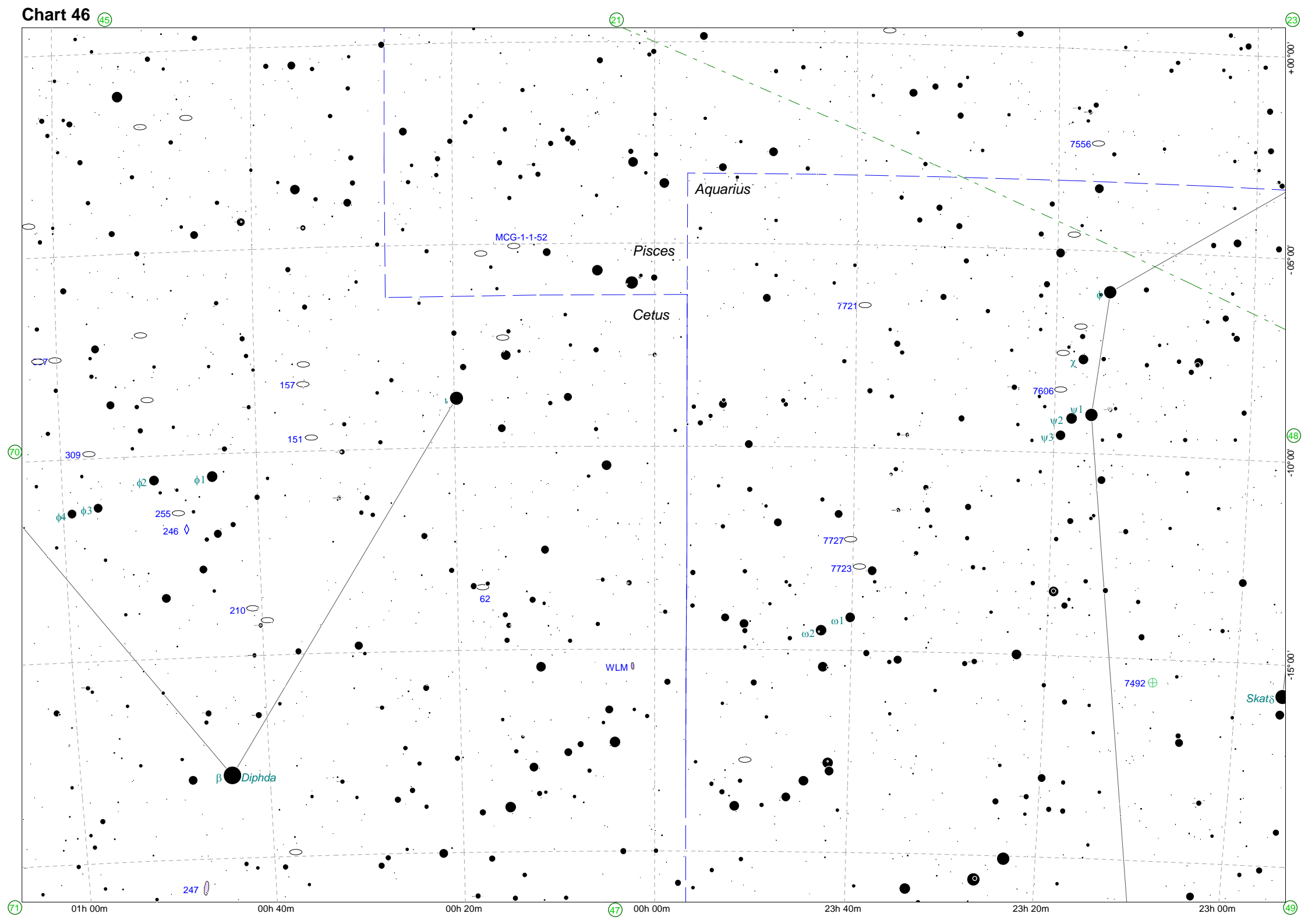


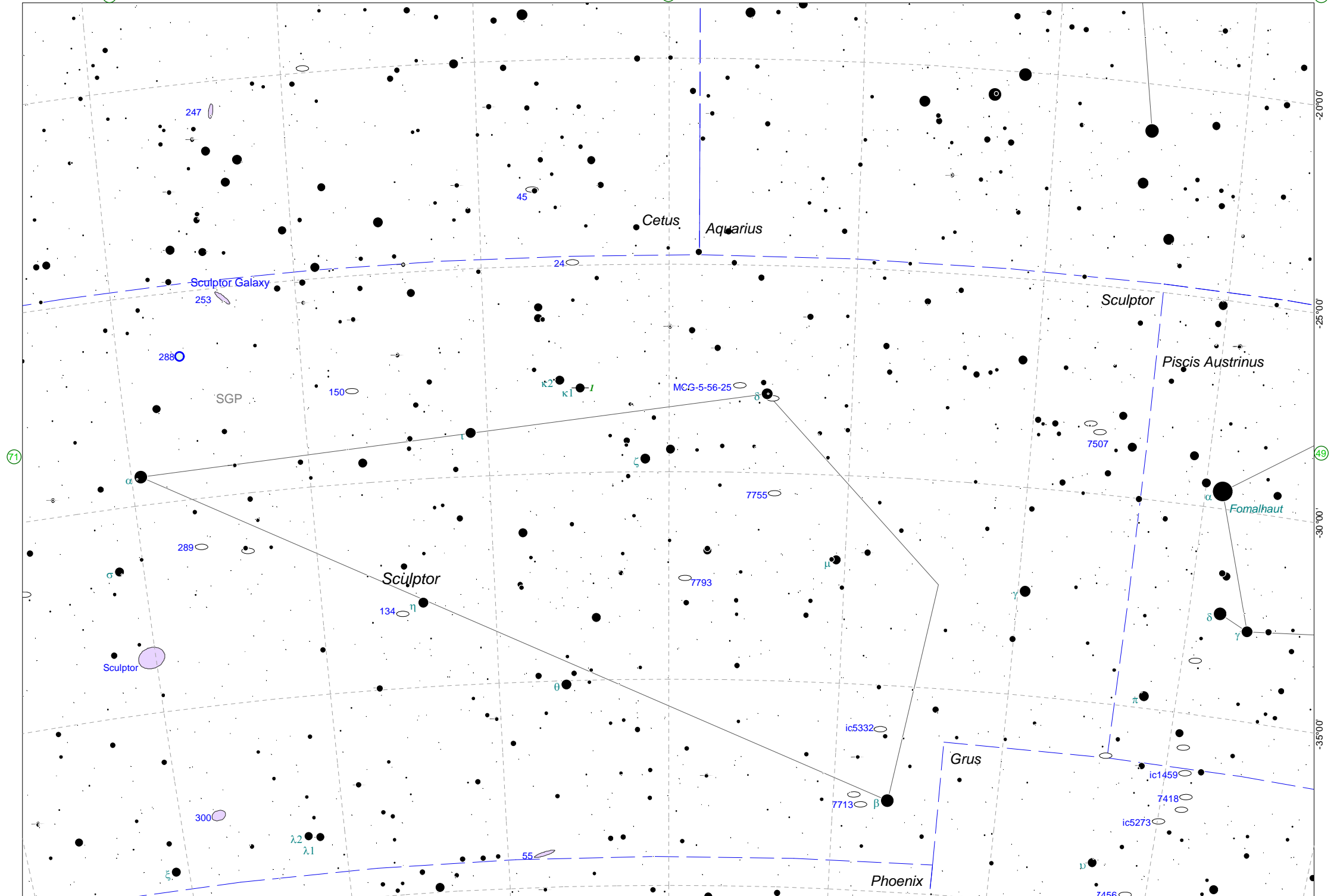


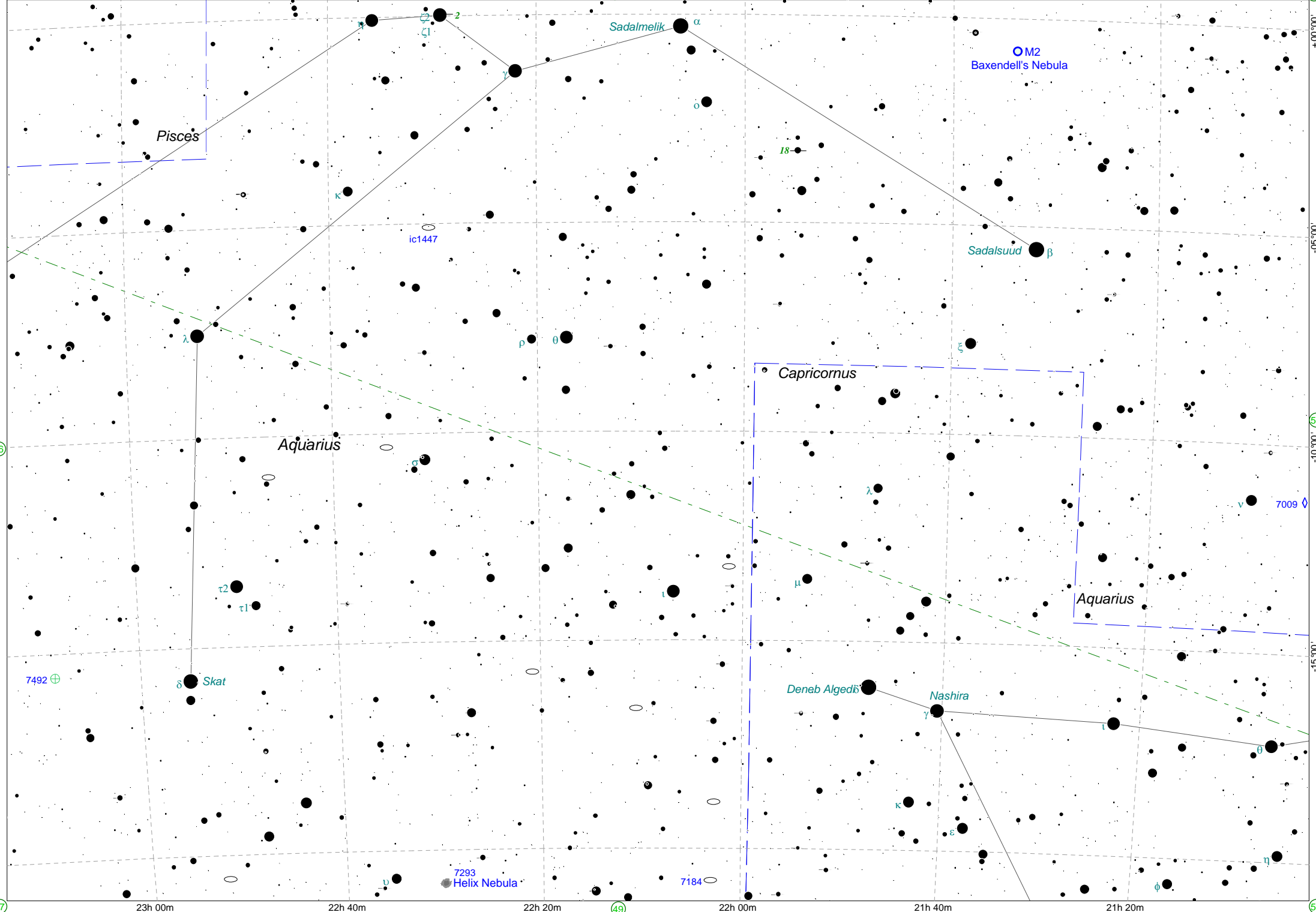


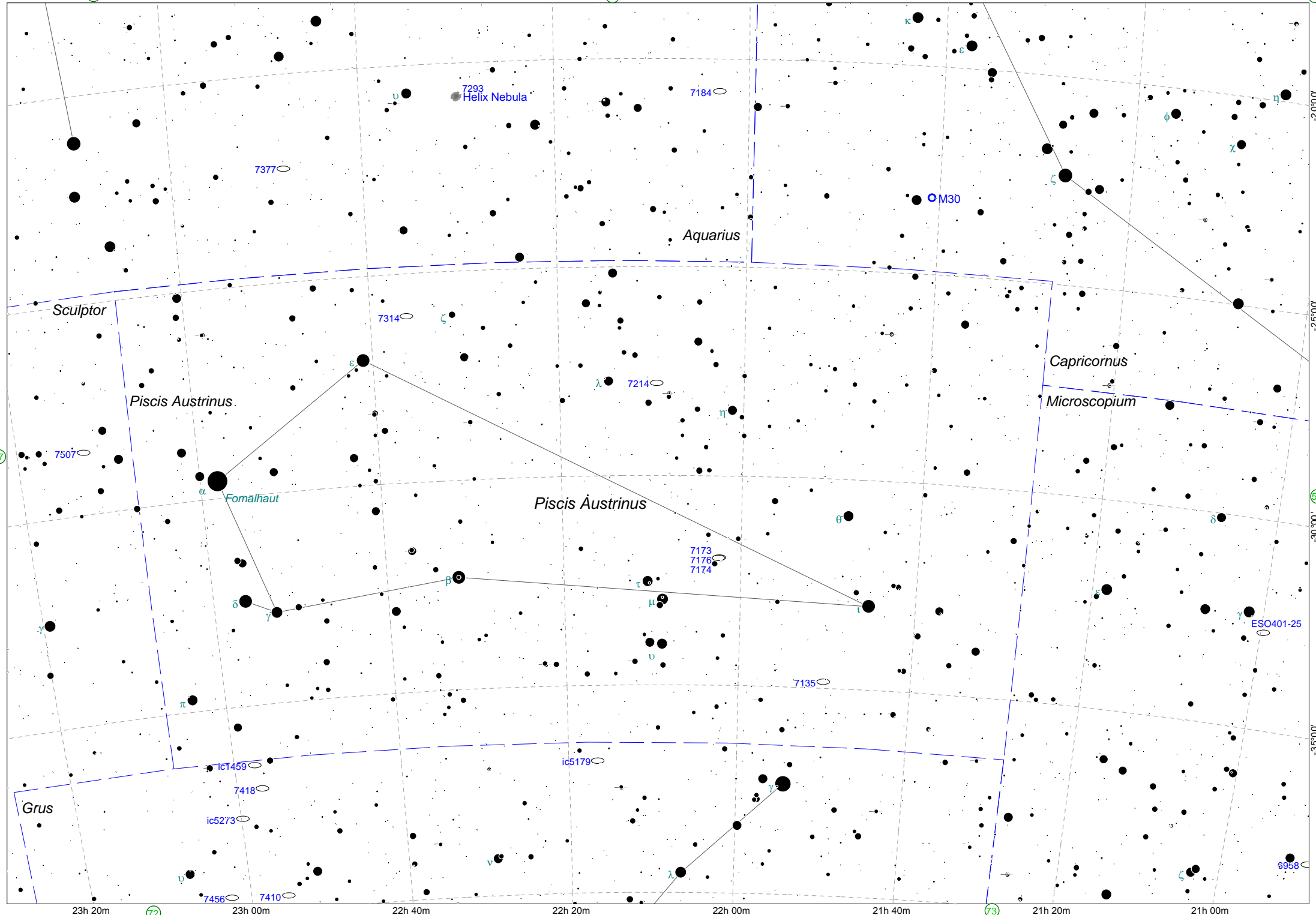


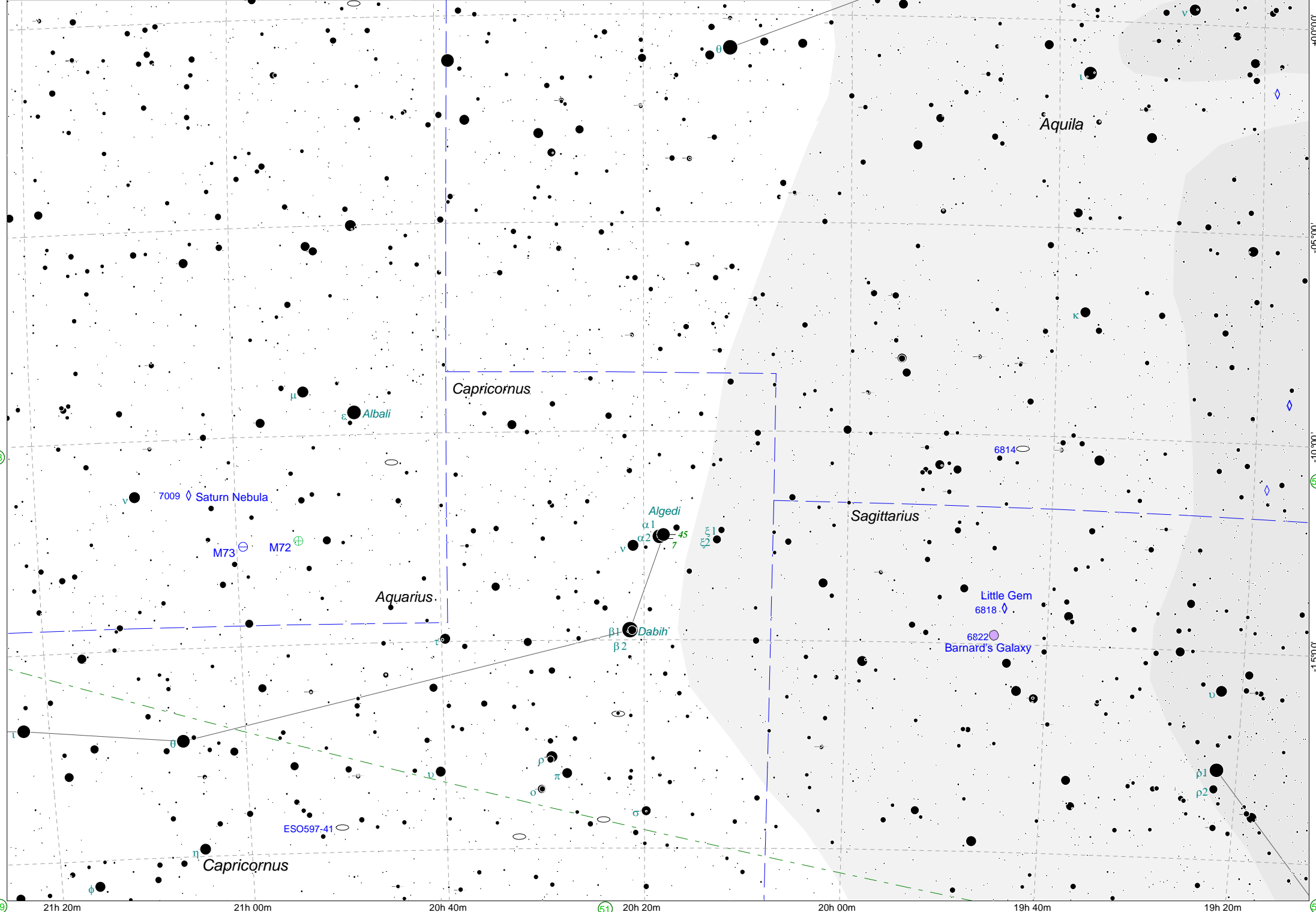


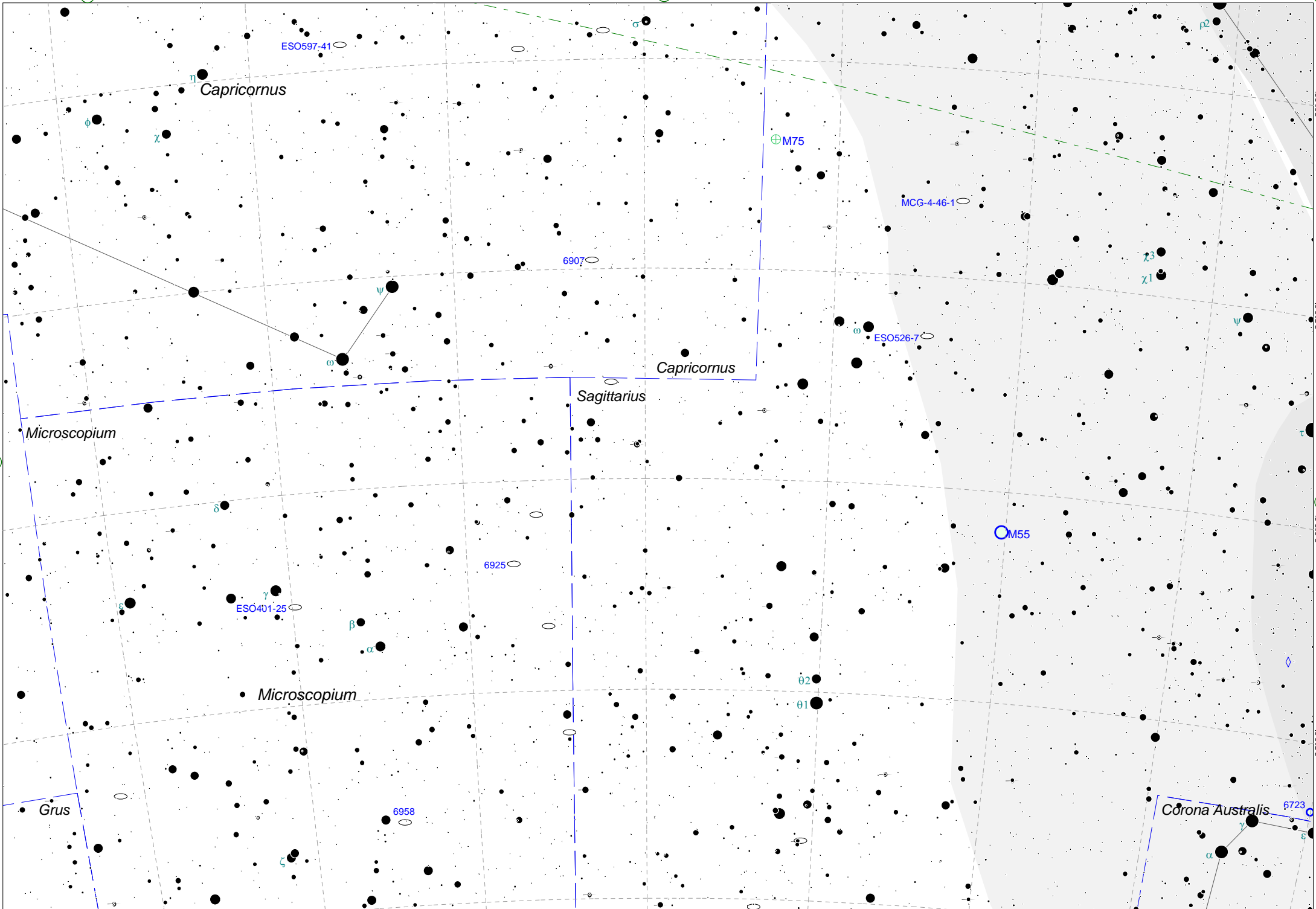


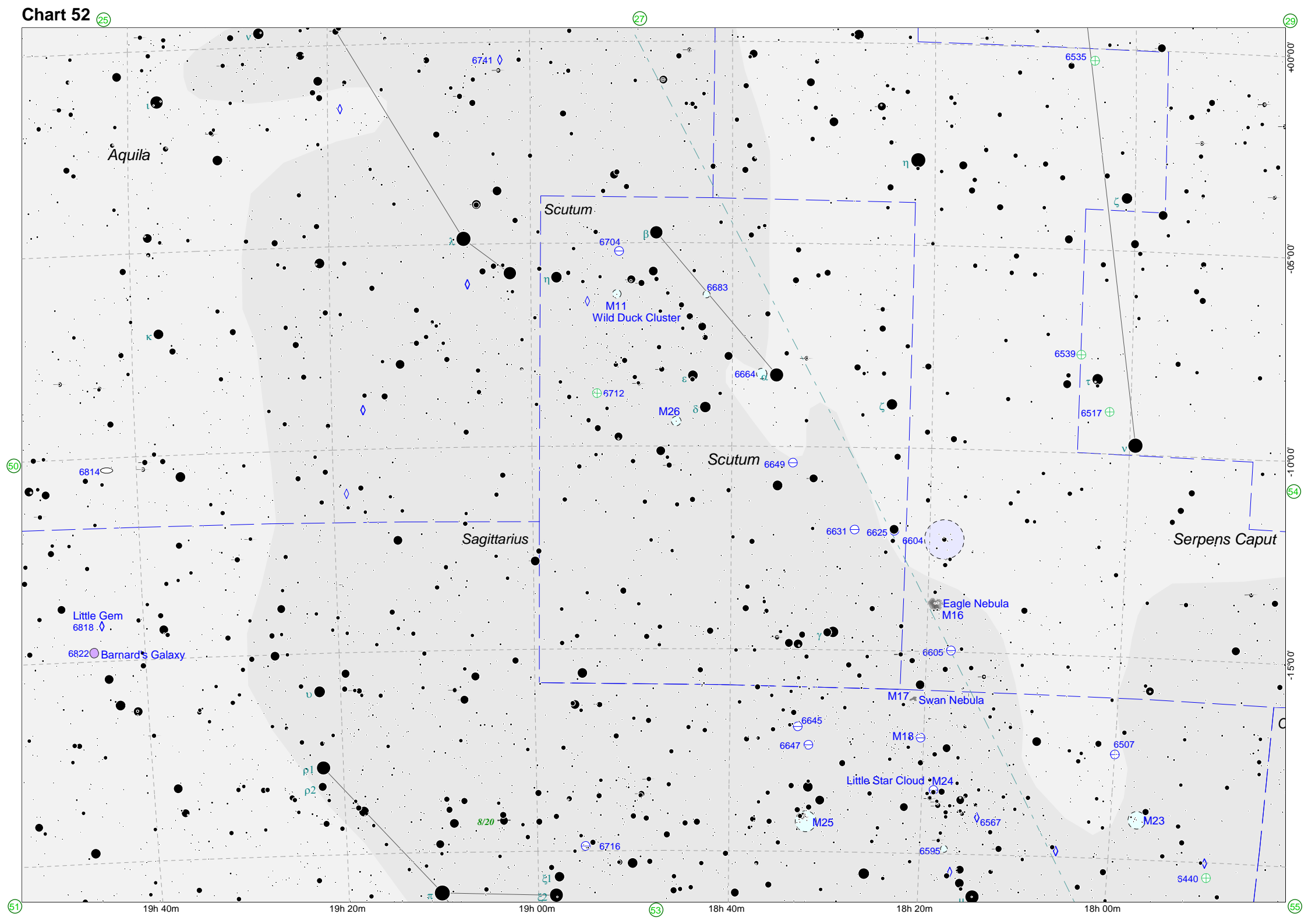












Aquila

Scutum

Sagittarius

Scutum

Serpens Caput

M11
Wild Duck Cluster

Eagle Nebula
M16

M17
Swan Nebula

Little Star Cloud
M24

Little Gem
6818

6822
Barnard's Galaxy

M26

M25

M23

19h 40m

19h 20m

19h 00m

18h 40m

18h 20m

18h 00m

+00'00"

-05'00"

-10'00"

-15'00"

(51)

(53)

(55)

(50)

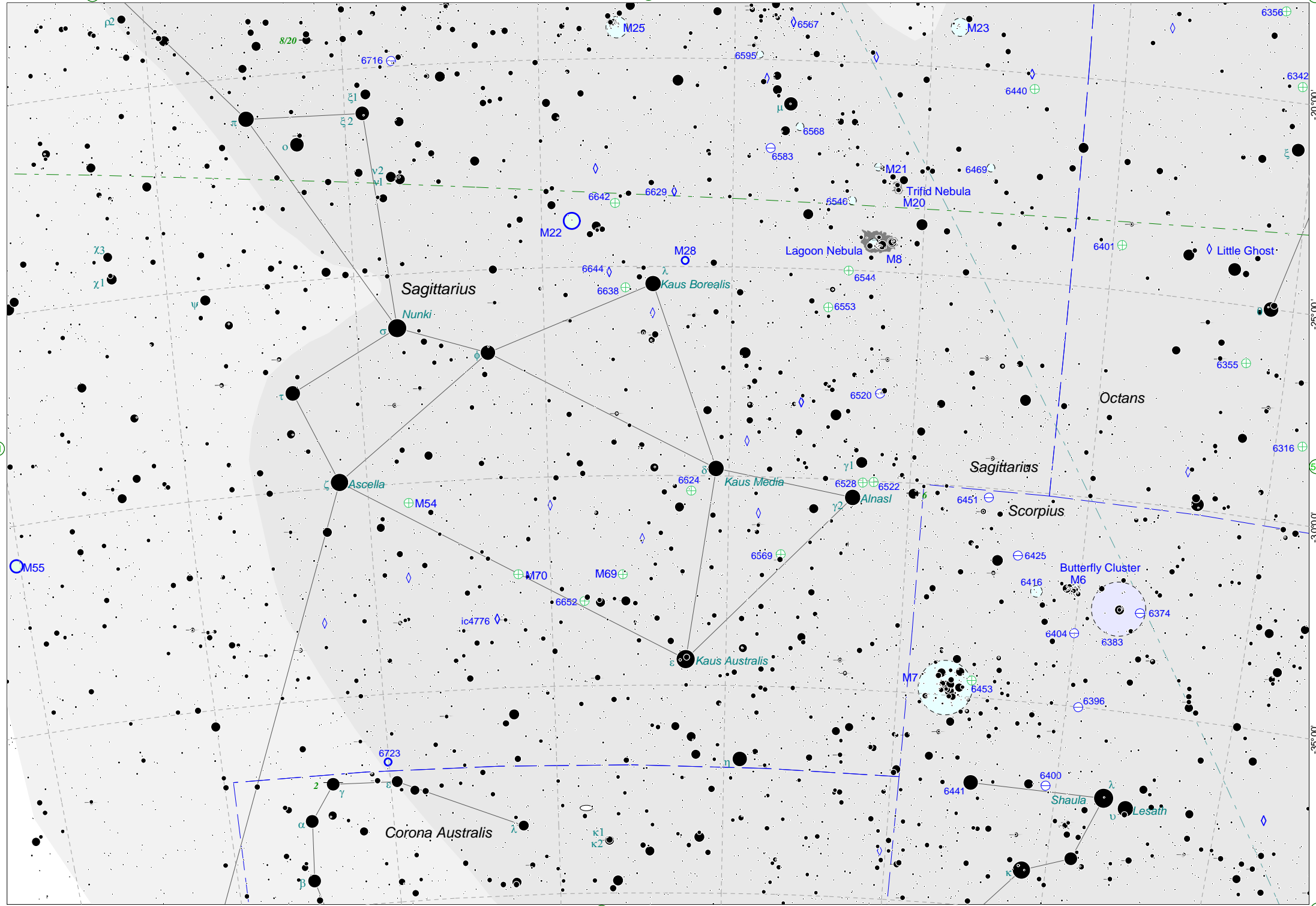
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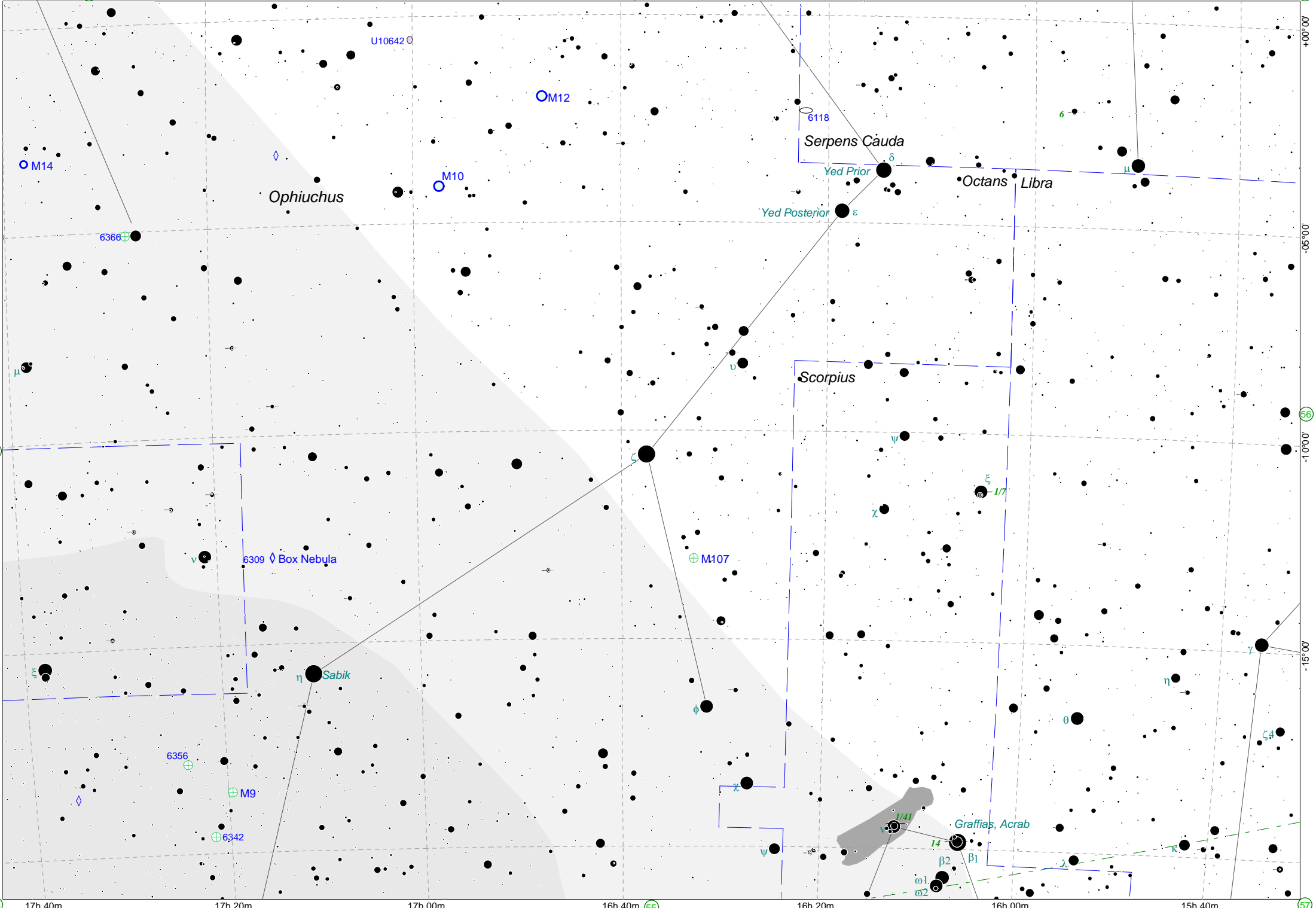
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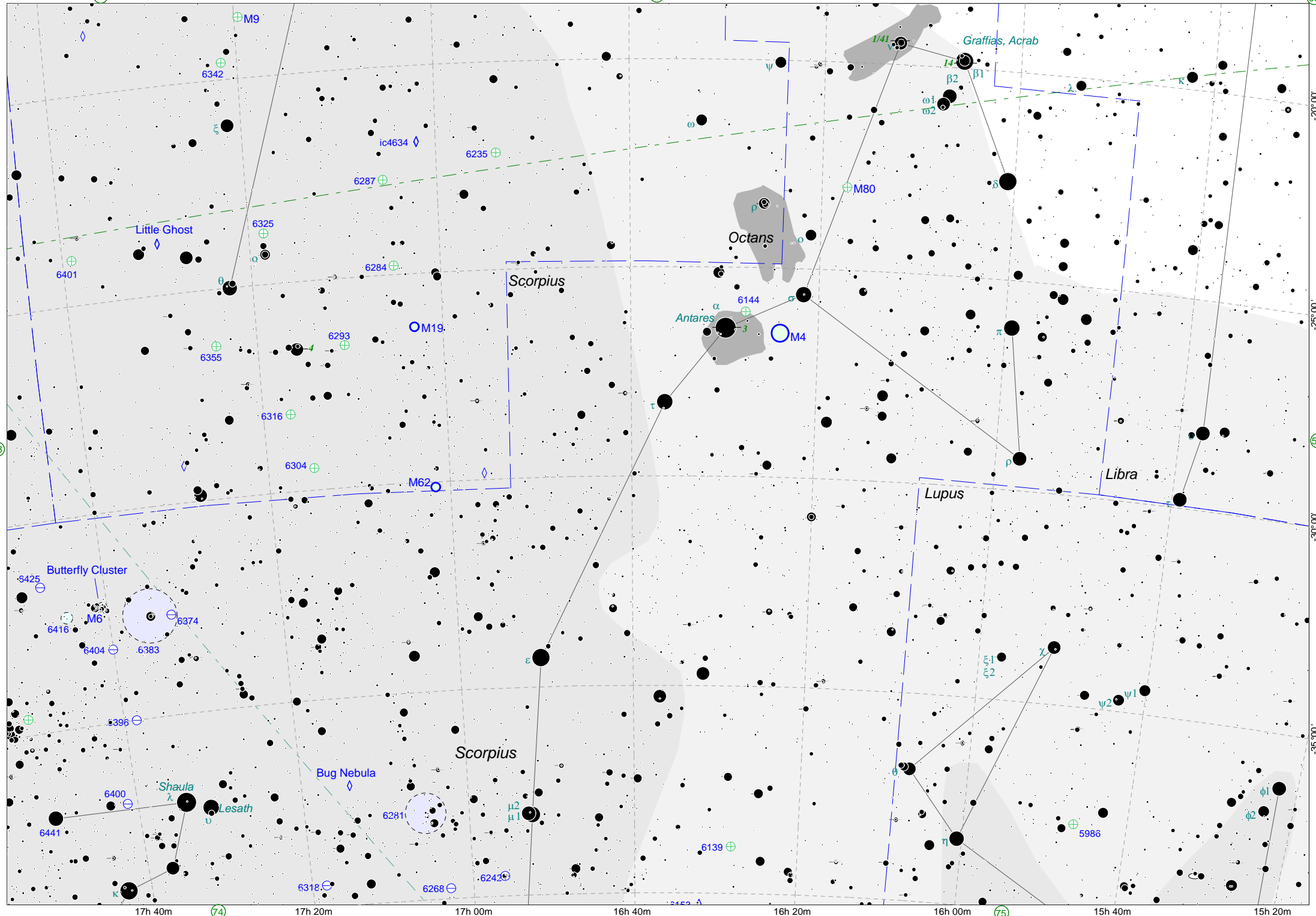
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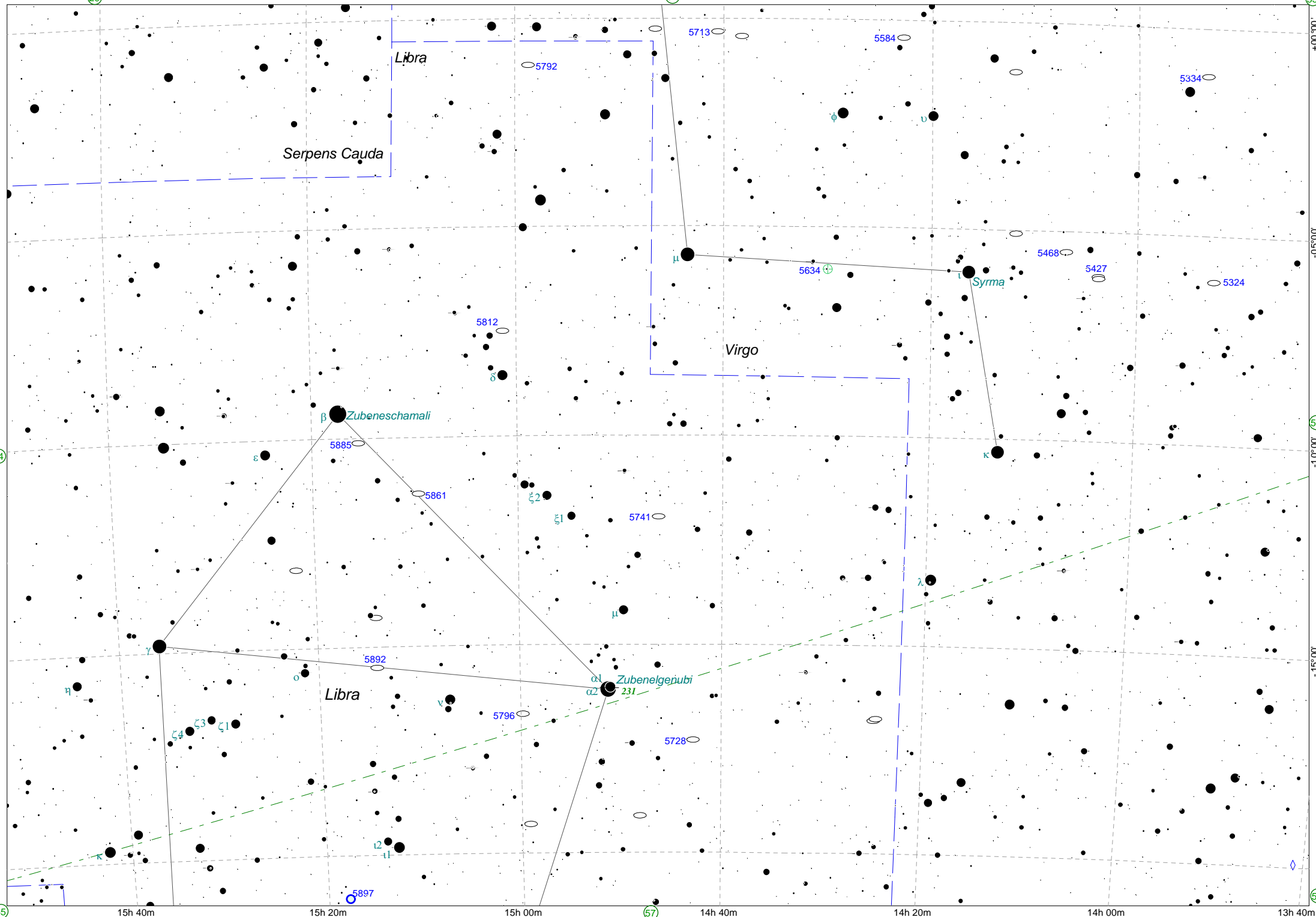
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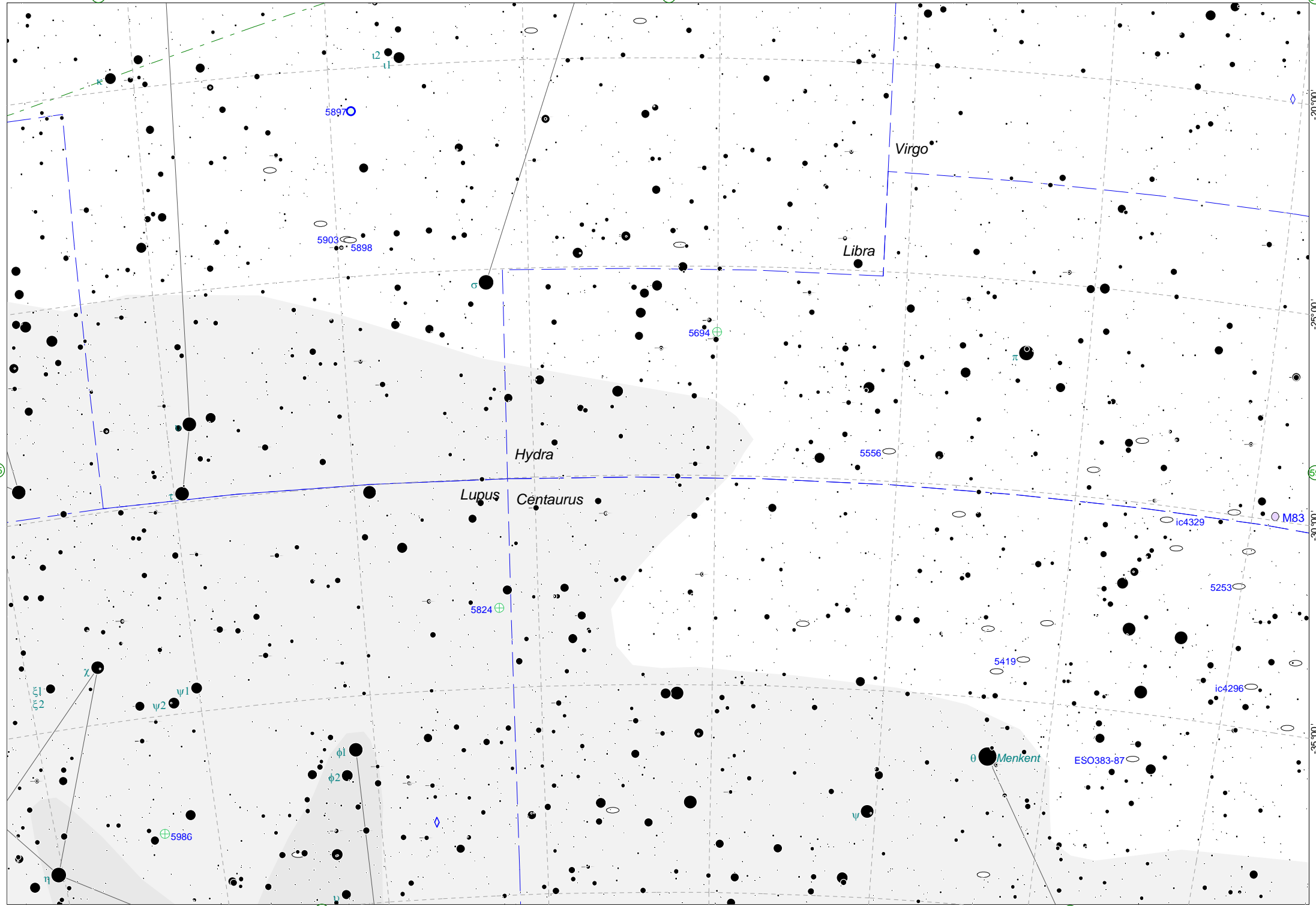
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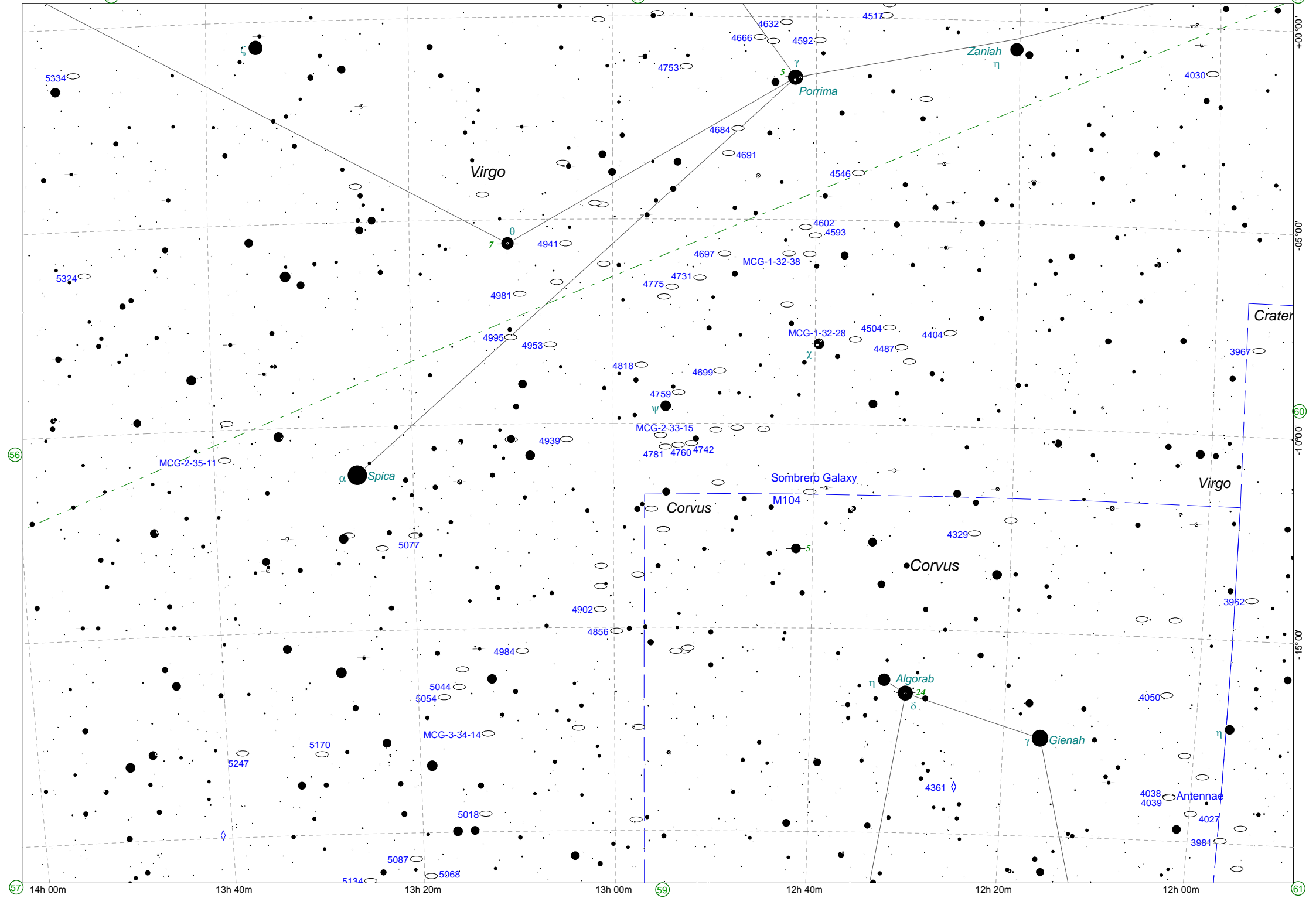


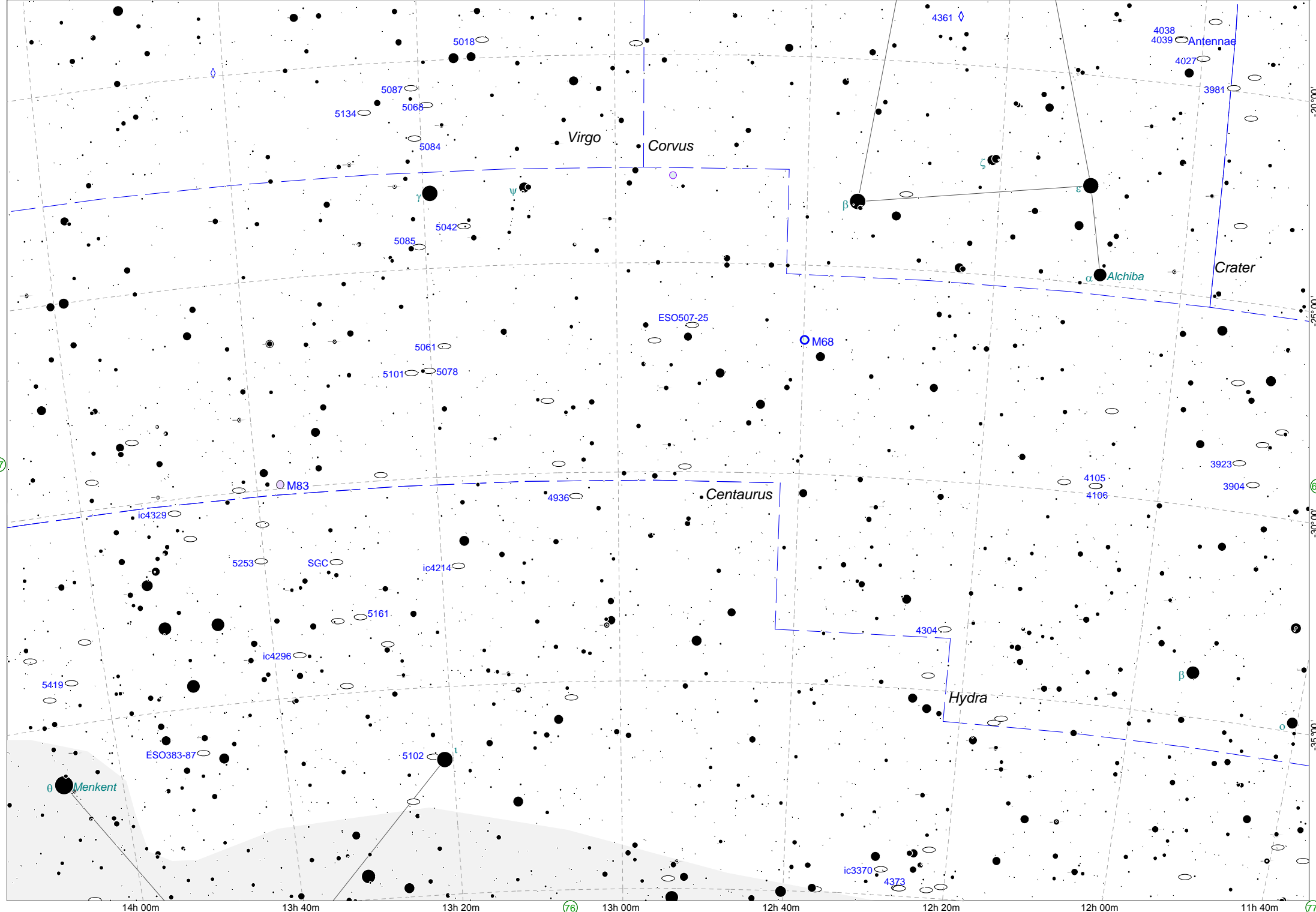


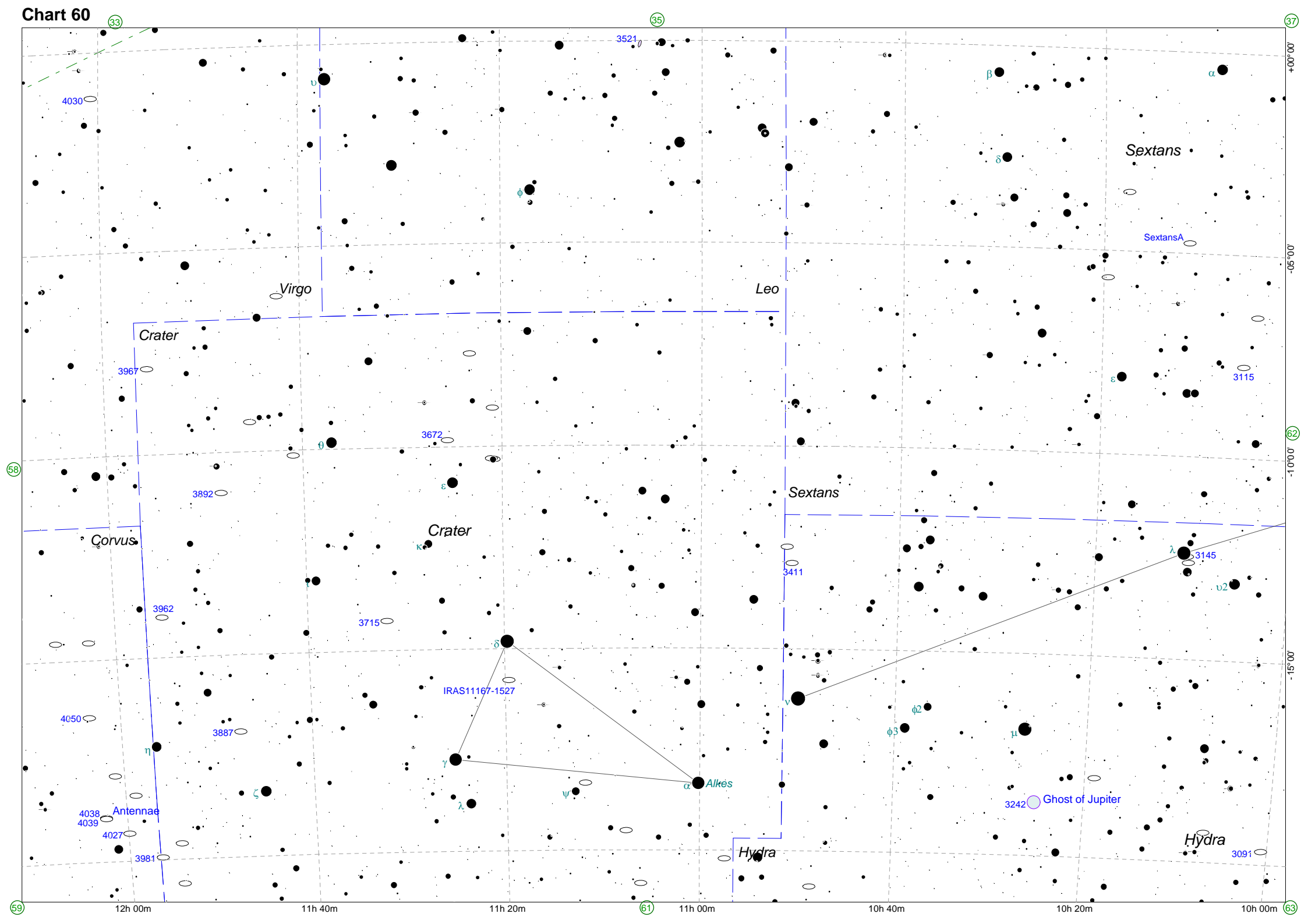












33

35

37

4030

3521

β

α

Sextans

Virgo

Leo

Crater

SextansA

3967

3115

θ

3672

Crater

Sextans

3892

Corvus

λ

3145

3962

3715

3411

ν2

IRAS11167-1527

γ

Alkés

φ3

φ2

μ

4050

3887

3242 Ghost of Jupiter

η

ζ

ψ

λ

4038

4039

Antennae

4027

3981

Hydra

Hydra

3091

58

62

59

61

63

12h 00m

11h 40m

11h 20m

11h 00m

10h 40m

10h 20m

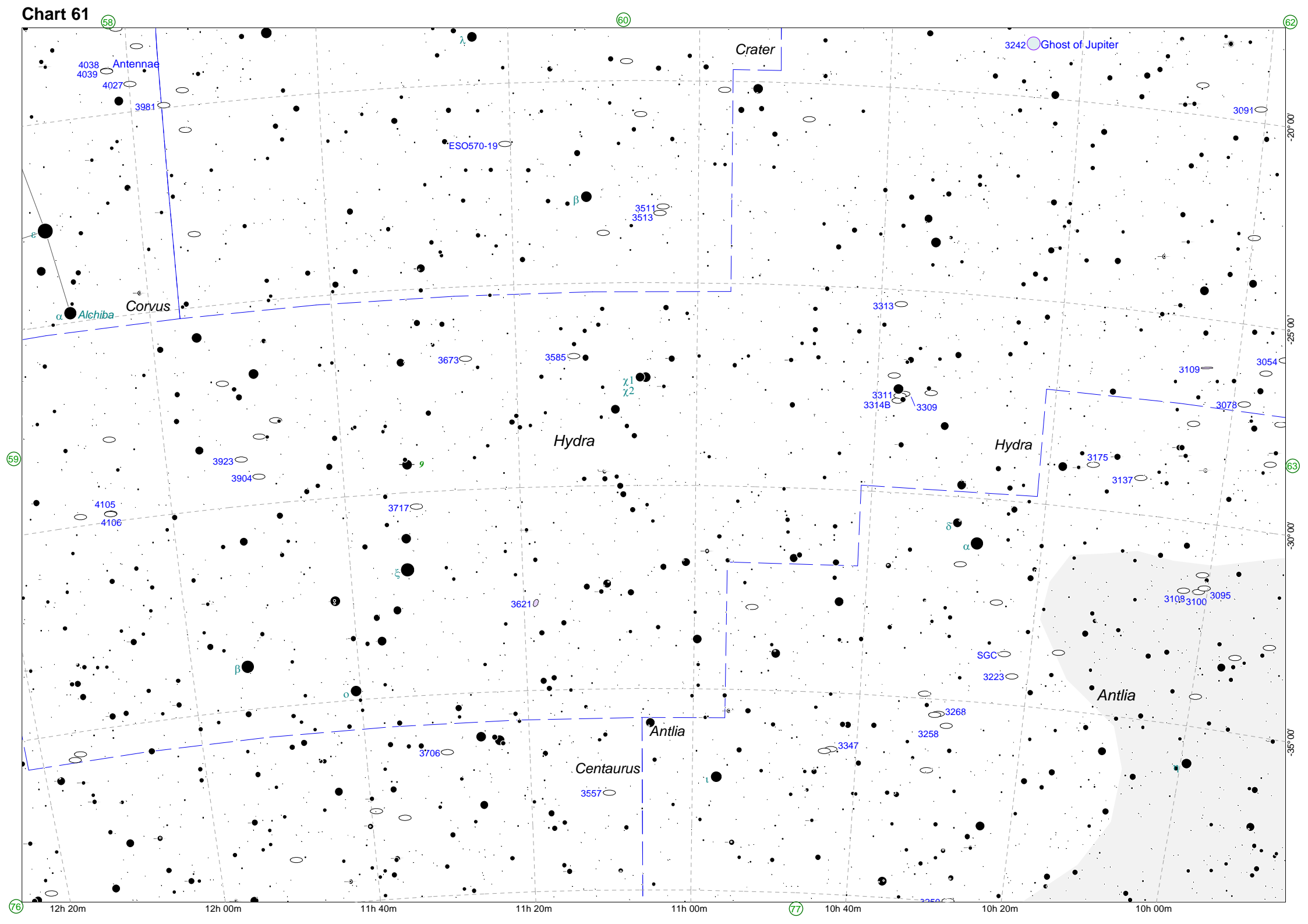
10h 00m

+00'00"

-05'00"

-10'00"

-15'00"



4038 Antennae
4039
4027

3242 Ghost of Jupiter

3091

ESO570-19

3511
3513

α Alchiba
Corvus

3313

3673

3585

χ1
χ2

3311
3314B
3309

3109

3054

Hydra

Hydra

3078

3923
3904

3175

3137

4105
4106

3717

δ
α

36210

3108
3100
3095

β

SGC
3223

Antlia

Antlia

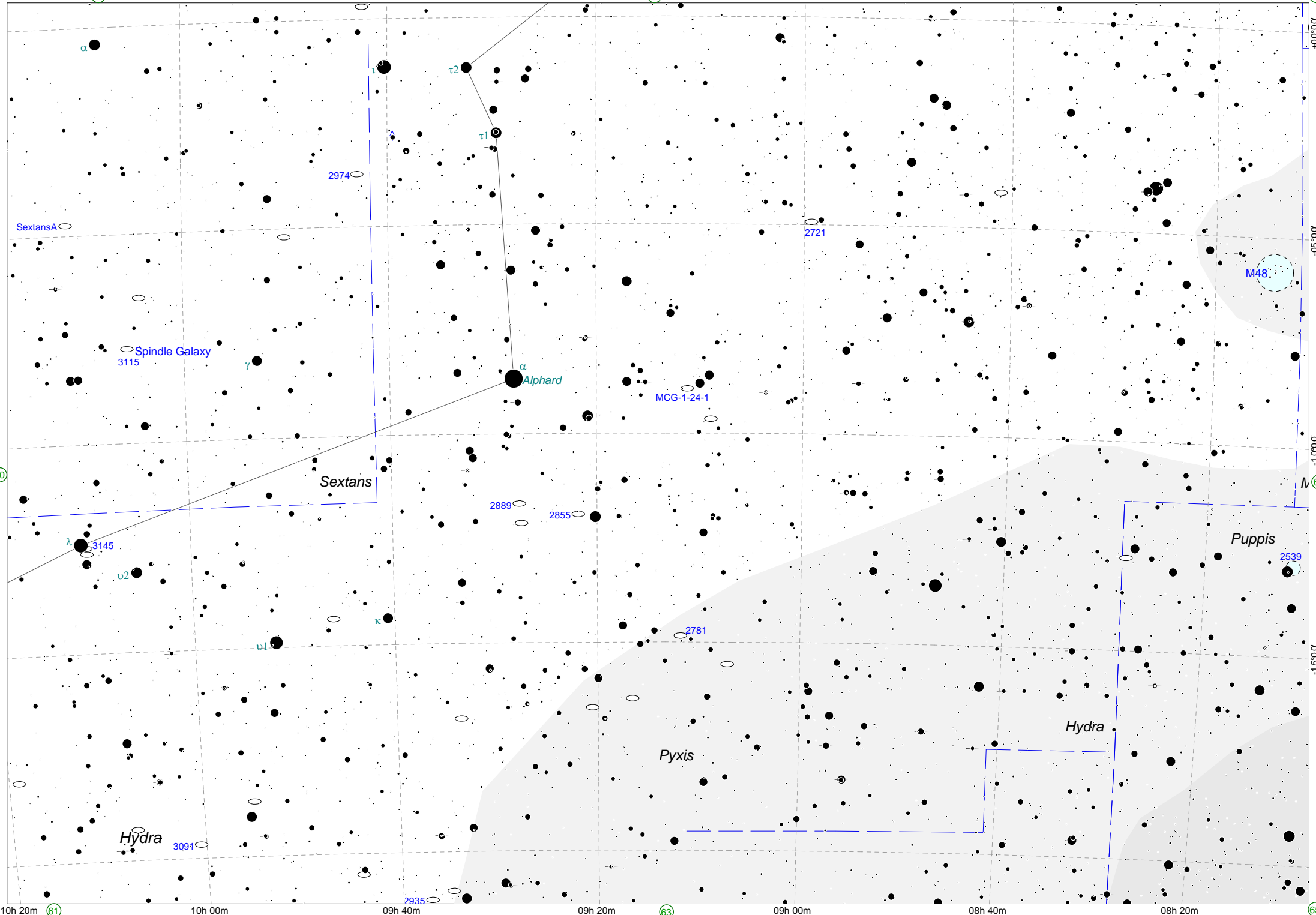
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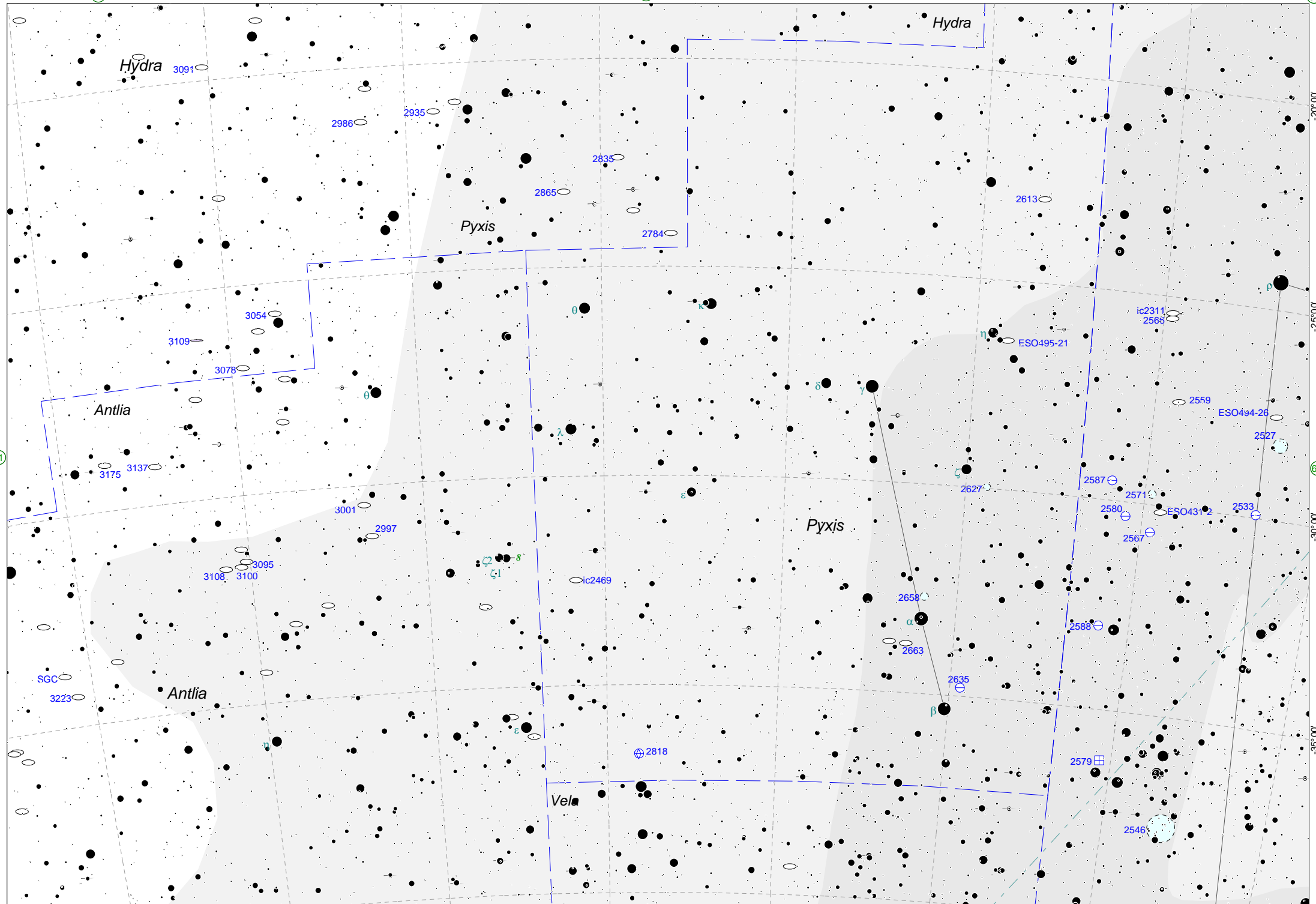
Centaurus

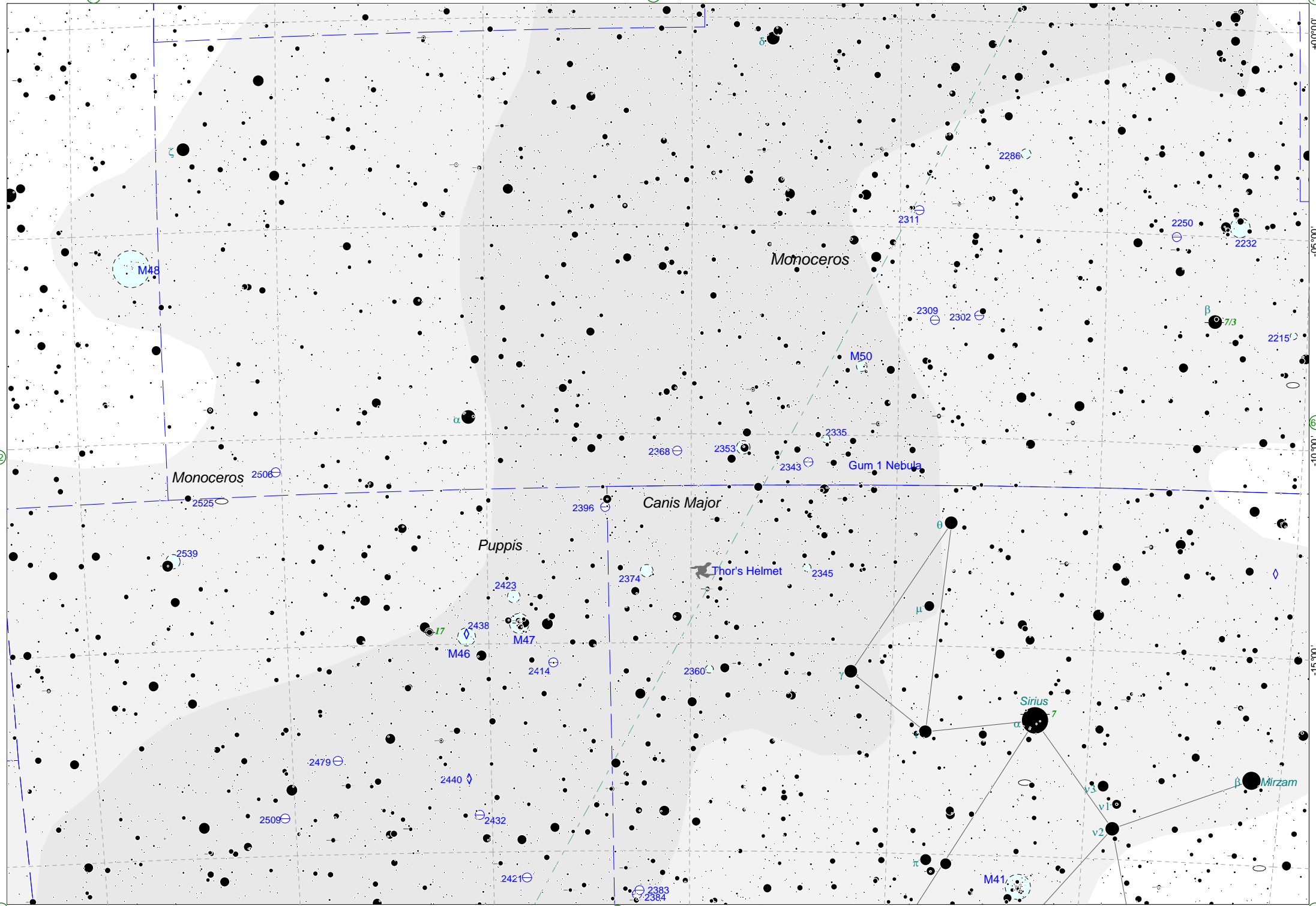
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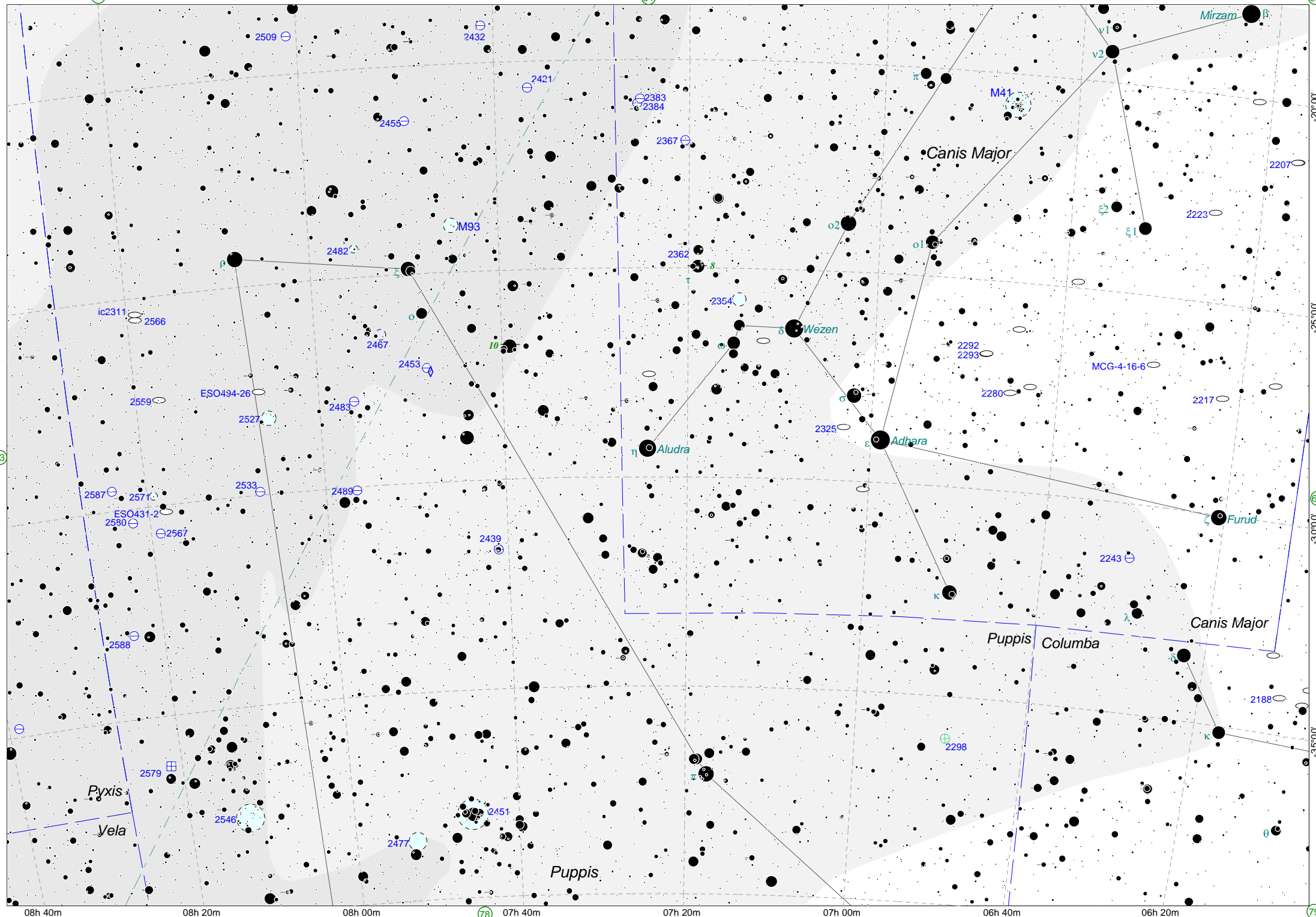
3268
3258

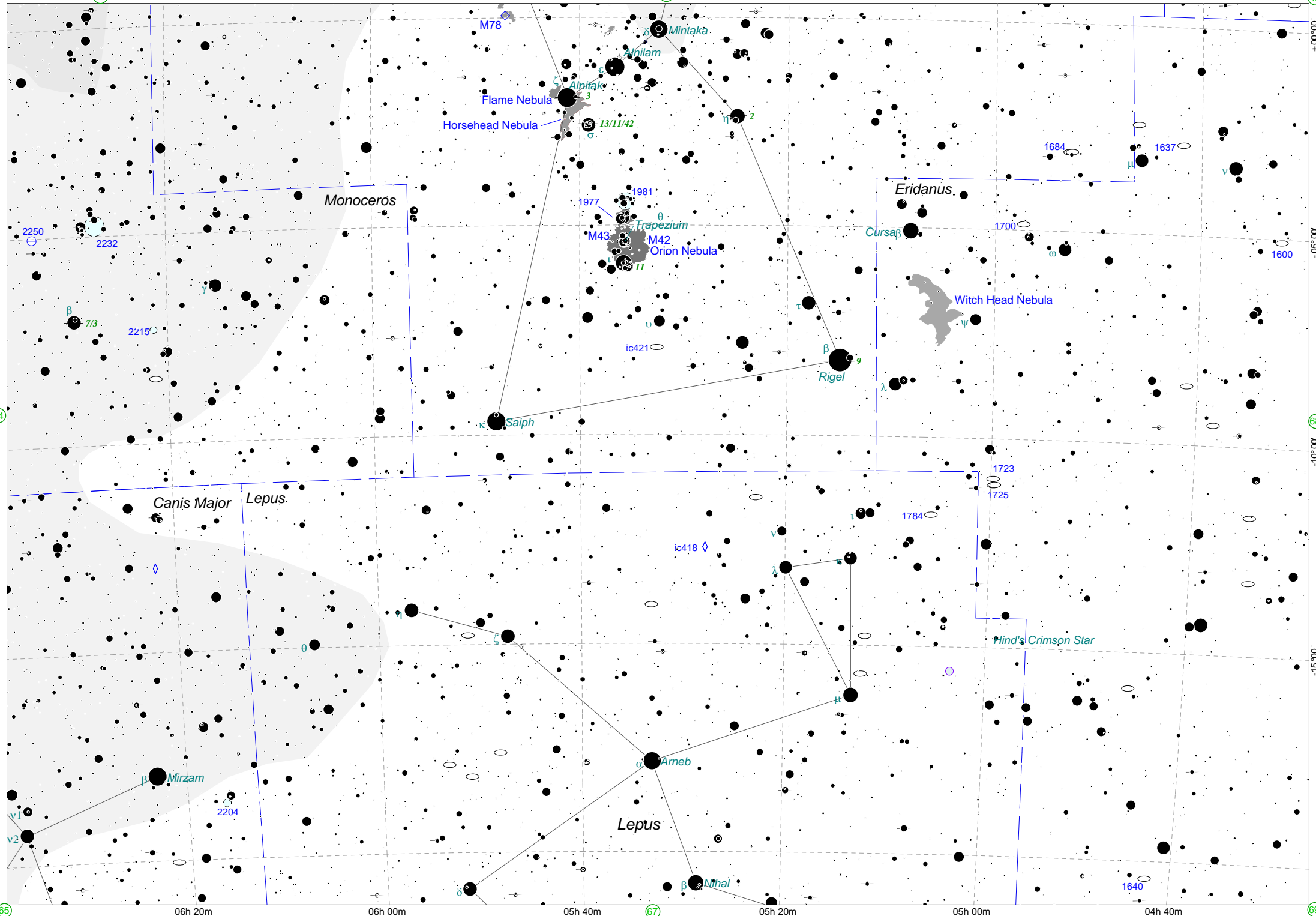
3557

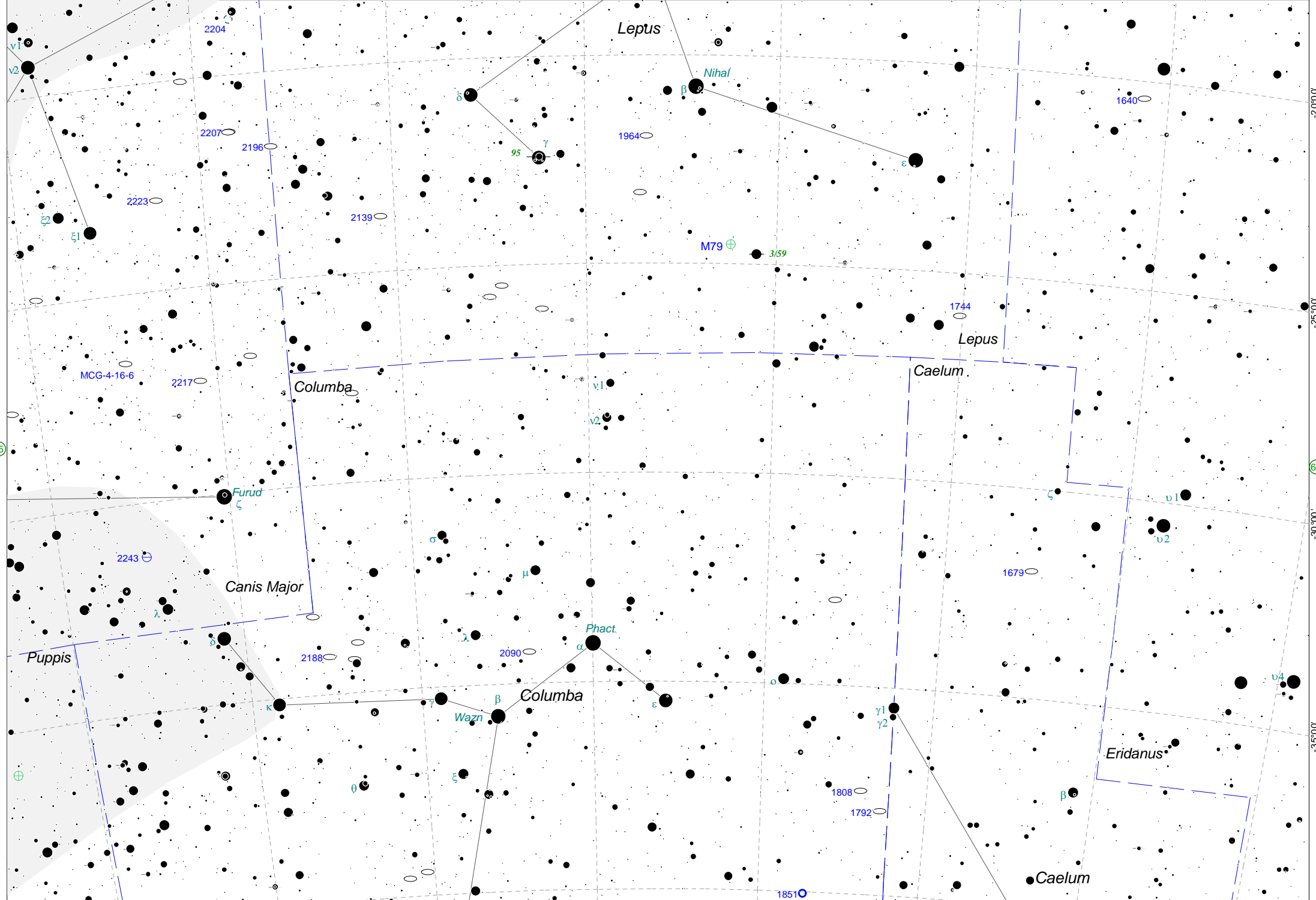












Eridanus

Taurus

Cetus

1055

M77

1090
1087

1637

v

ξ

1600

Beid
 δ 1

α 2
Keid

68

1453

7

1253

1337

ρ 3
 ρ 2, ρ 1

Azha
 η

1084

1052
1042

1022

δ

ϵ

π

1535 \diamond

Zaurak
 γ

1421

1357

ϵ

π

Eridanus

1309

1209

1199

1407
1400

1300

1179

τ 1

1640

1521
1518

1353

1232

04h 40m

04h 20m

04h 00m

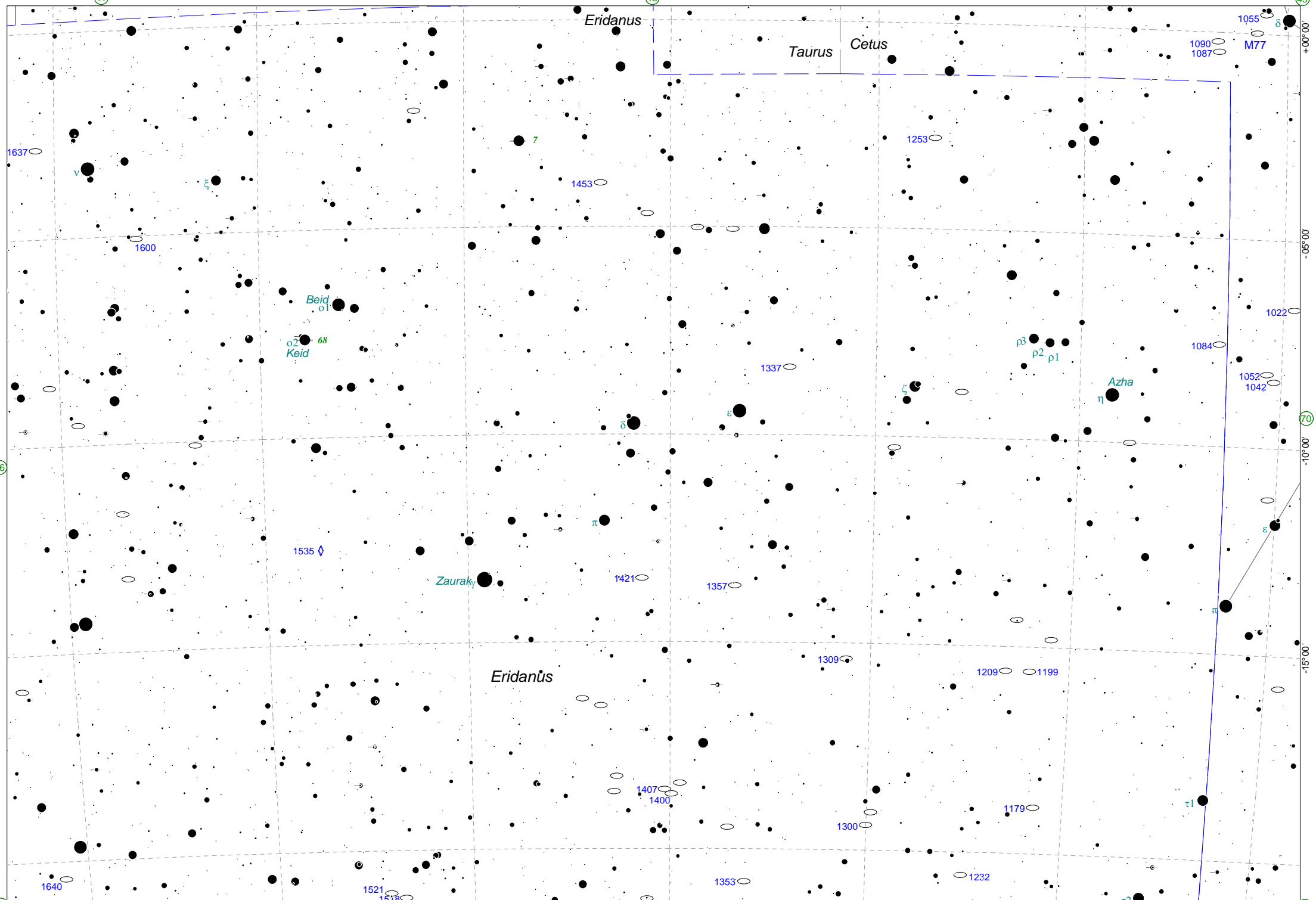
03h 40m

03h 20m

03h 00m

02h 40m

+00'00"
-05'00"
-10'00"
-15'00"



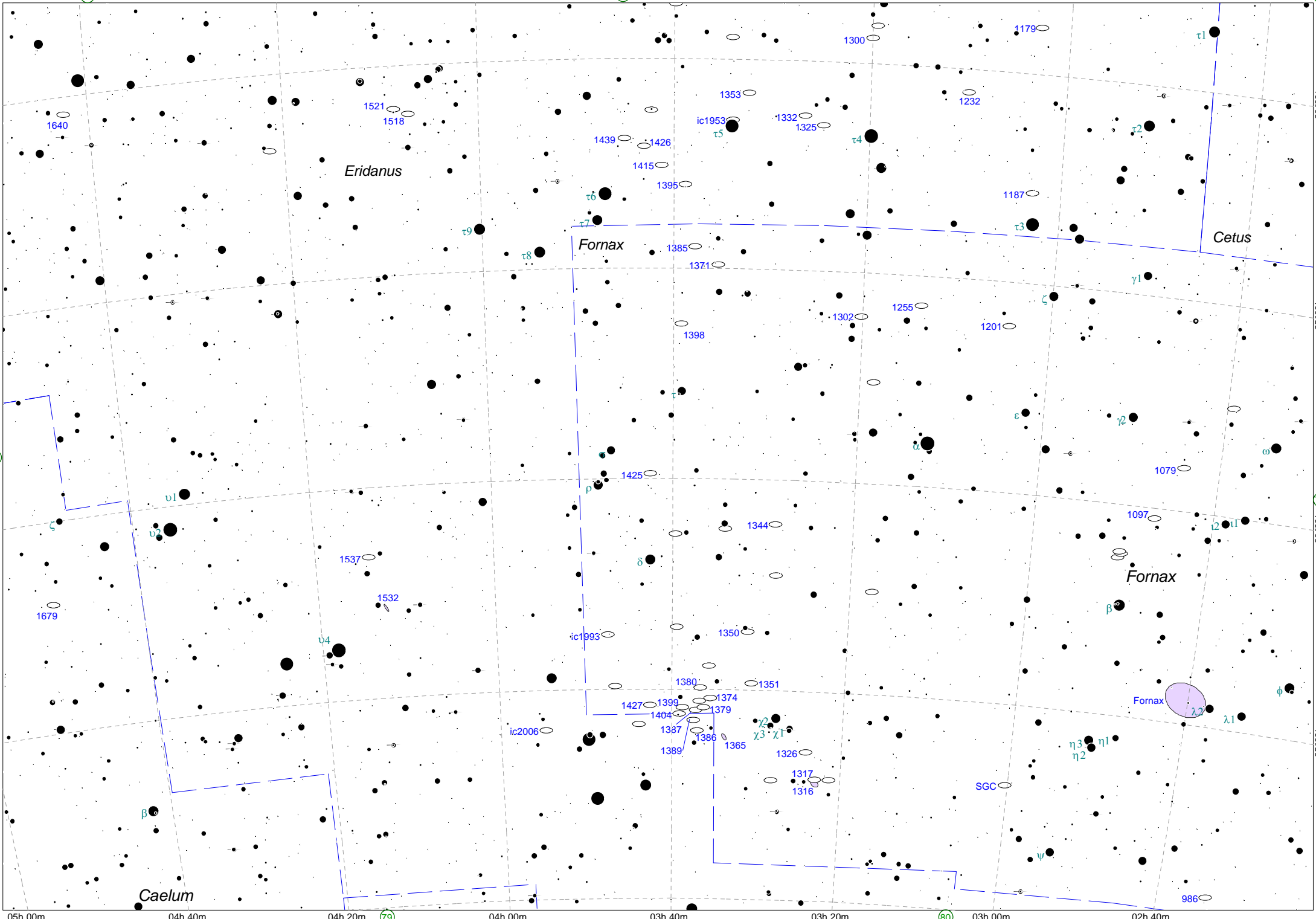
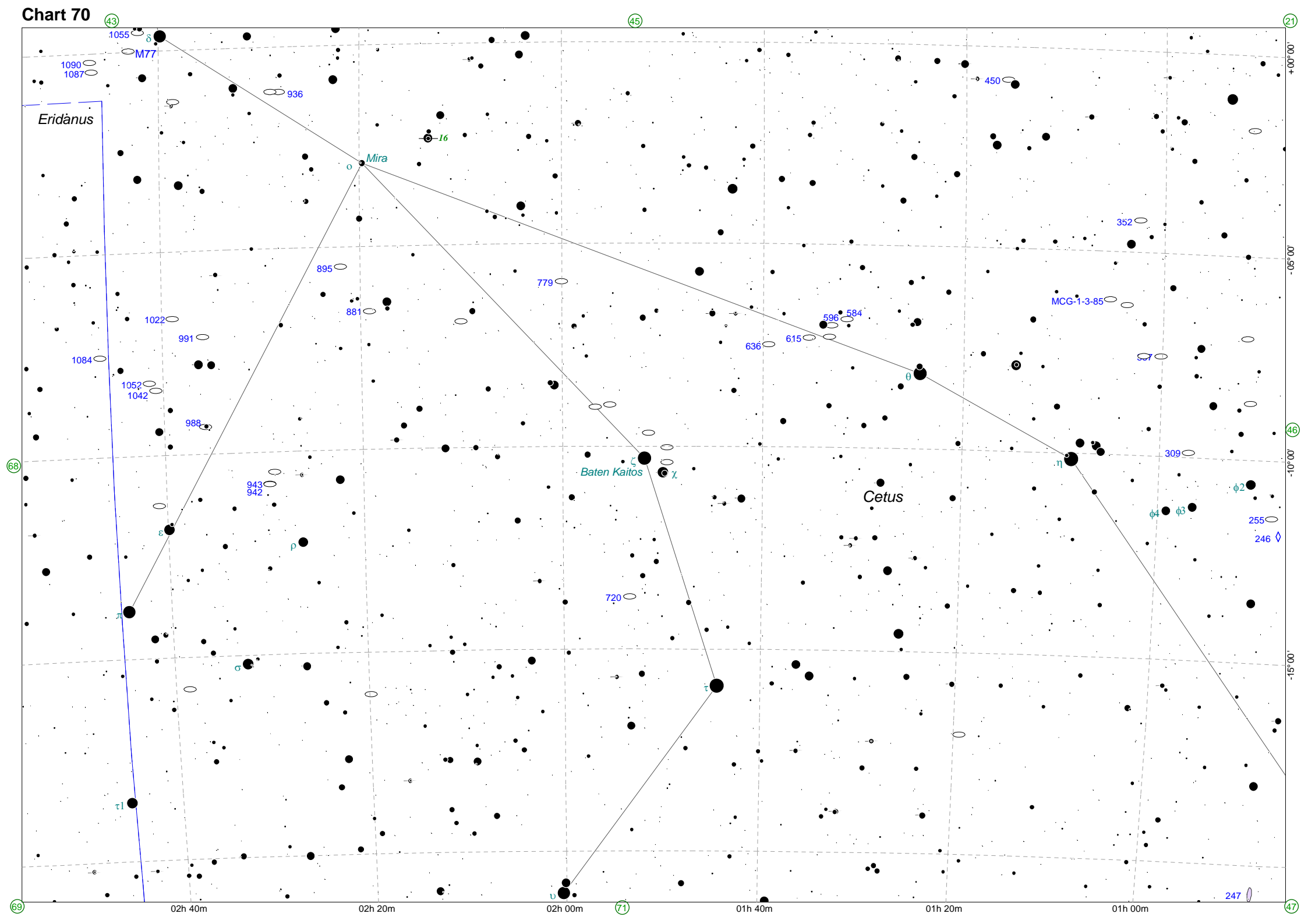
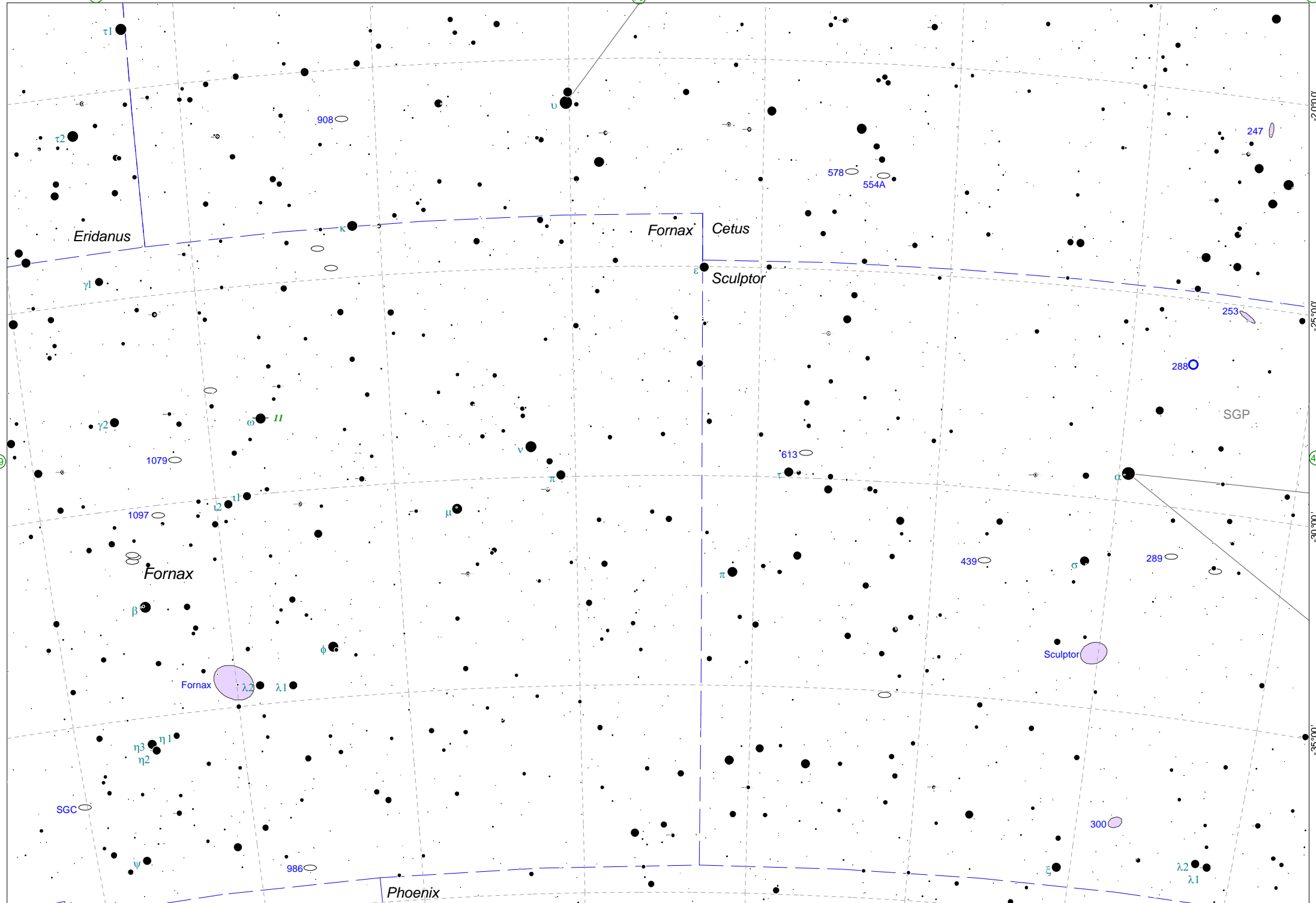
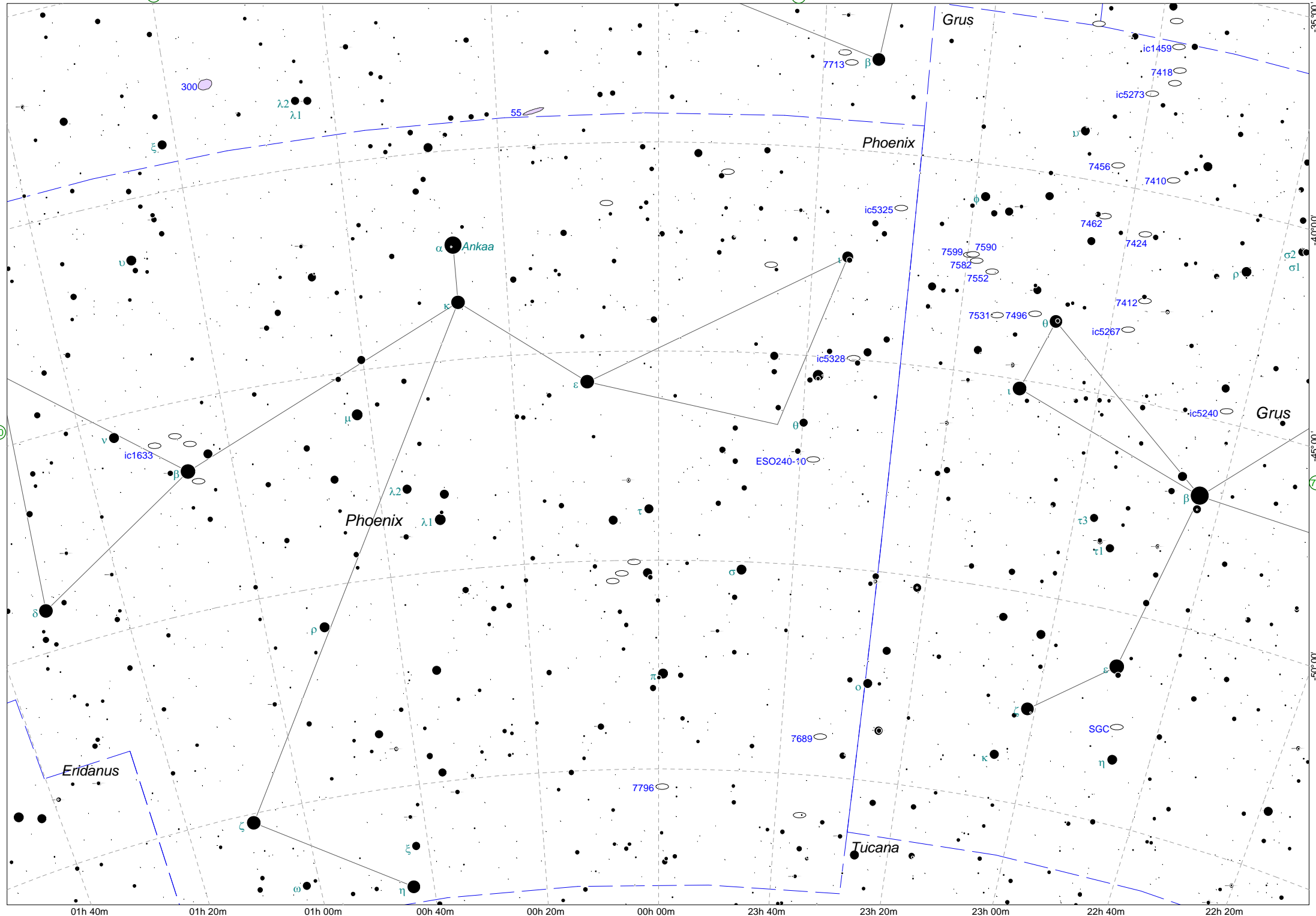


Chart 70







80

71

47

73

01h 40m 01h 20m 01h 00m 00h 40m 00h 20m 00h 00m 23h 40m 23h 20m 23h 00m 22h 40m 22h 20m

-35°00' -40°00' -45°00' -50°00'

Grus

Phoenix

Phoenix

Grus

Eridanus

Tucana

Ankaa

300

55

7713

7599

7590

7582

7552

7531

7496

7462

7410

7456

ic5273

ic1459

ic5325

ic5328

ic5267

ic5240

ic1633

ESO240-10

7689

7796

SGC

xi

lambda 2
lambda 1

alpha

epsilon

epsilon

nu

mu

lambda 2

lambda 1

tau

pi

delta

rho

sigma

zeta

sigma

eta

theta

theta

theta

tau 3

tau 1

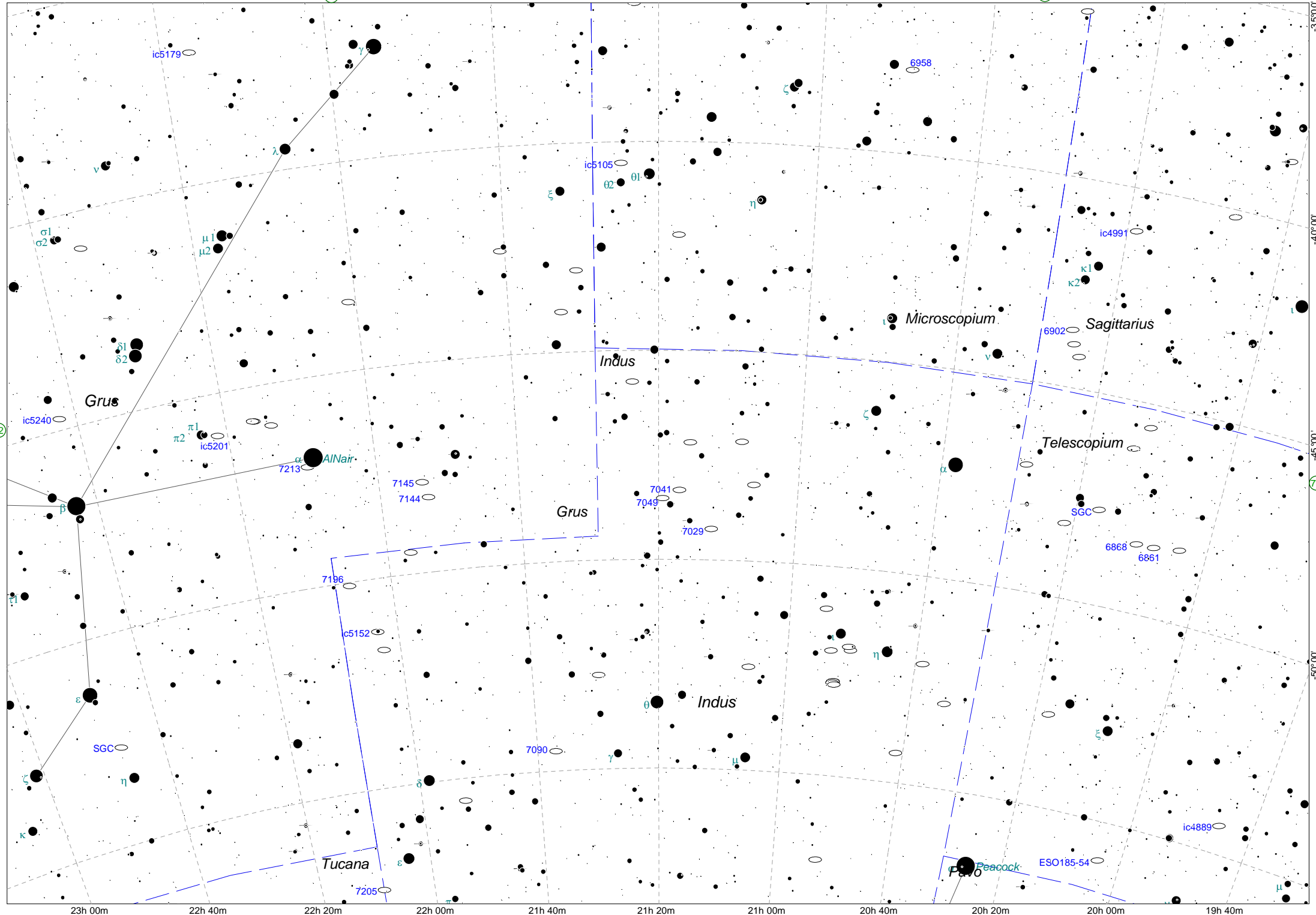
eta

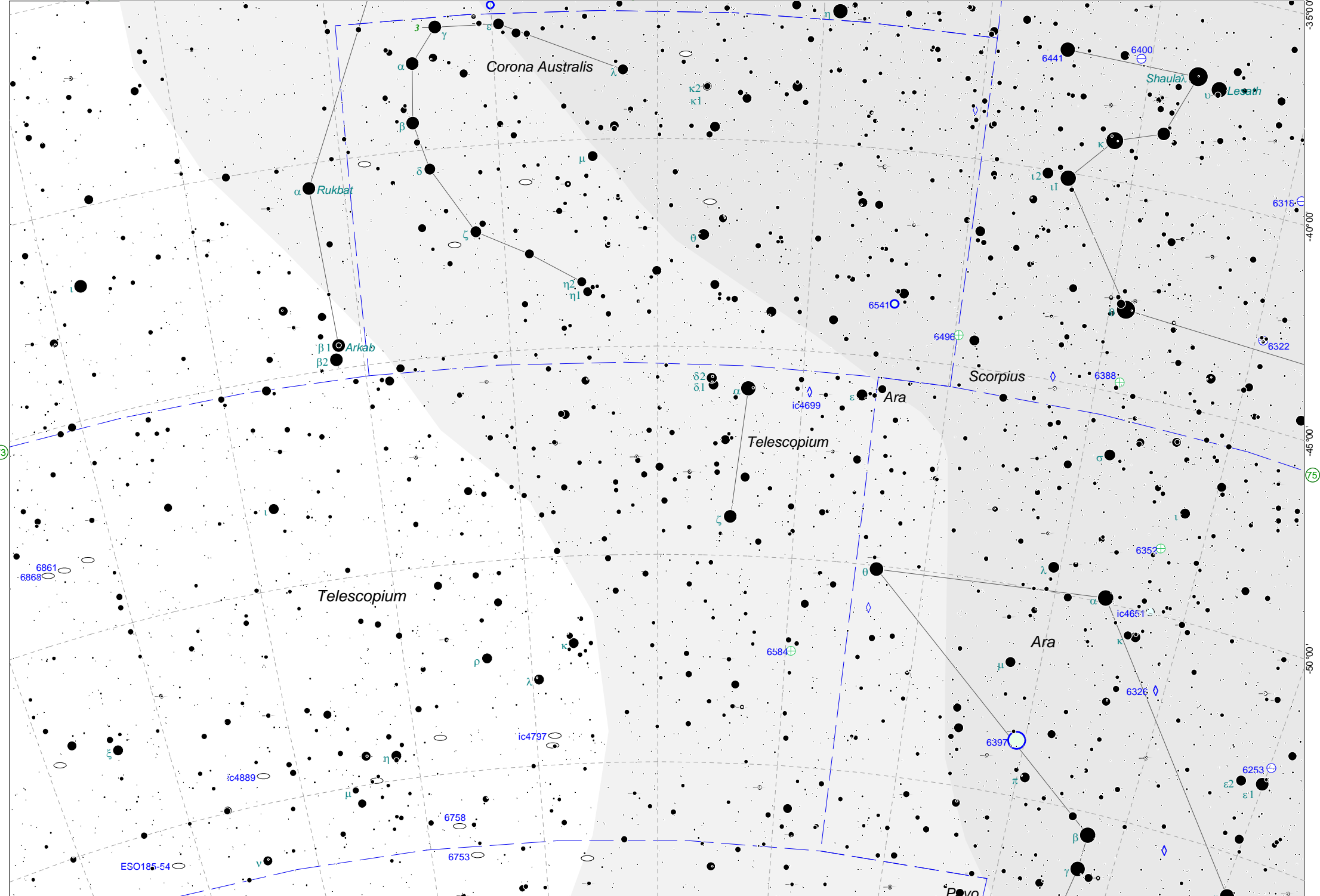
sigma 2

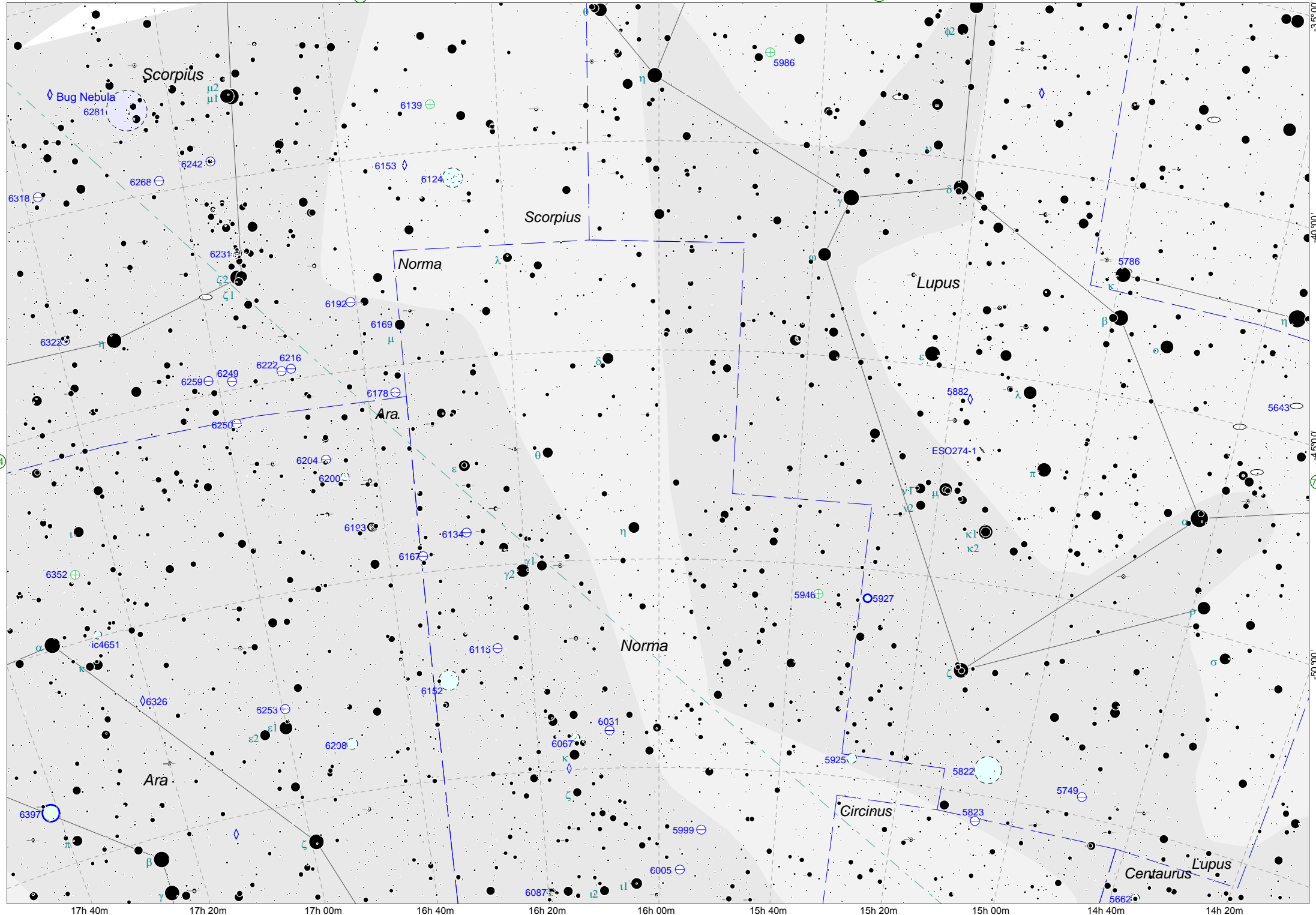
sigma 1

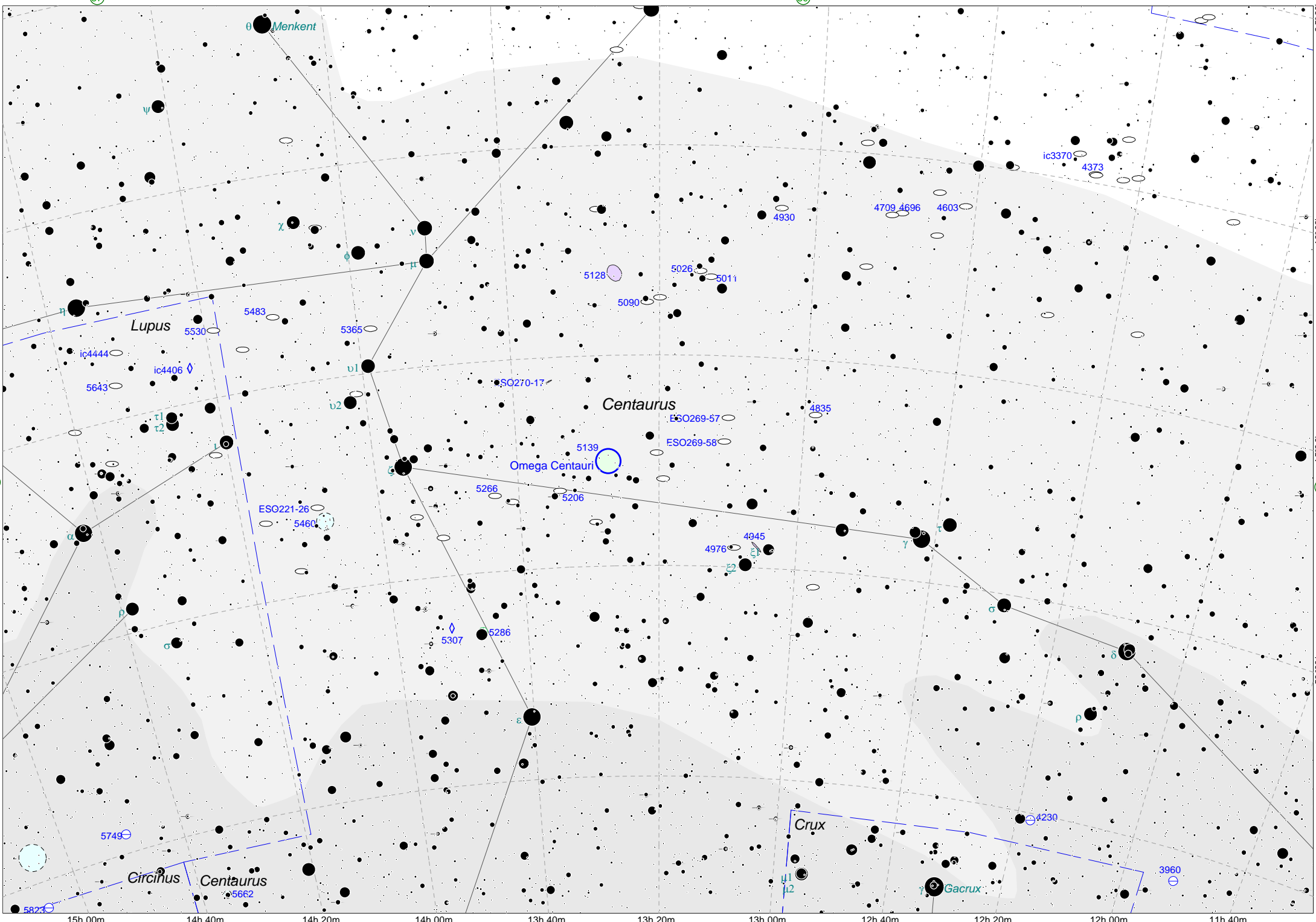
rho

73









θ Menkent

Lupus

Centaurus

Omega Centauri

Crux

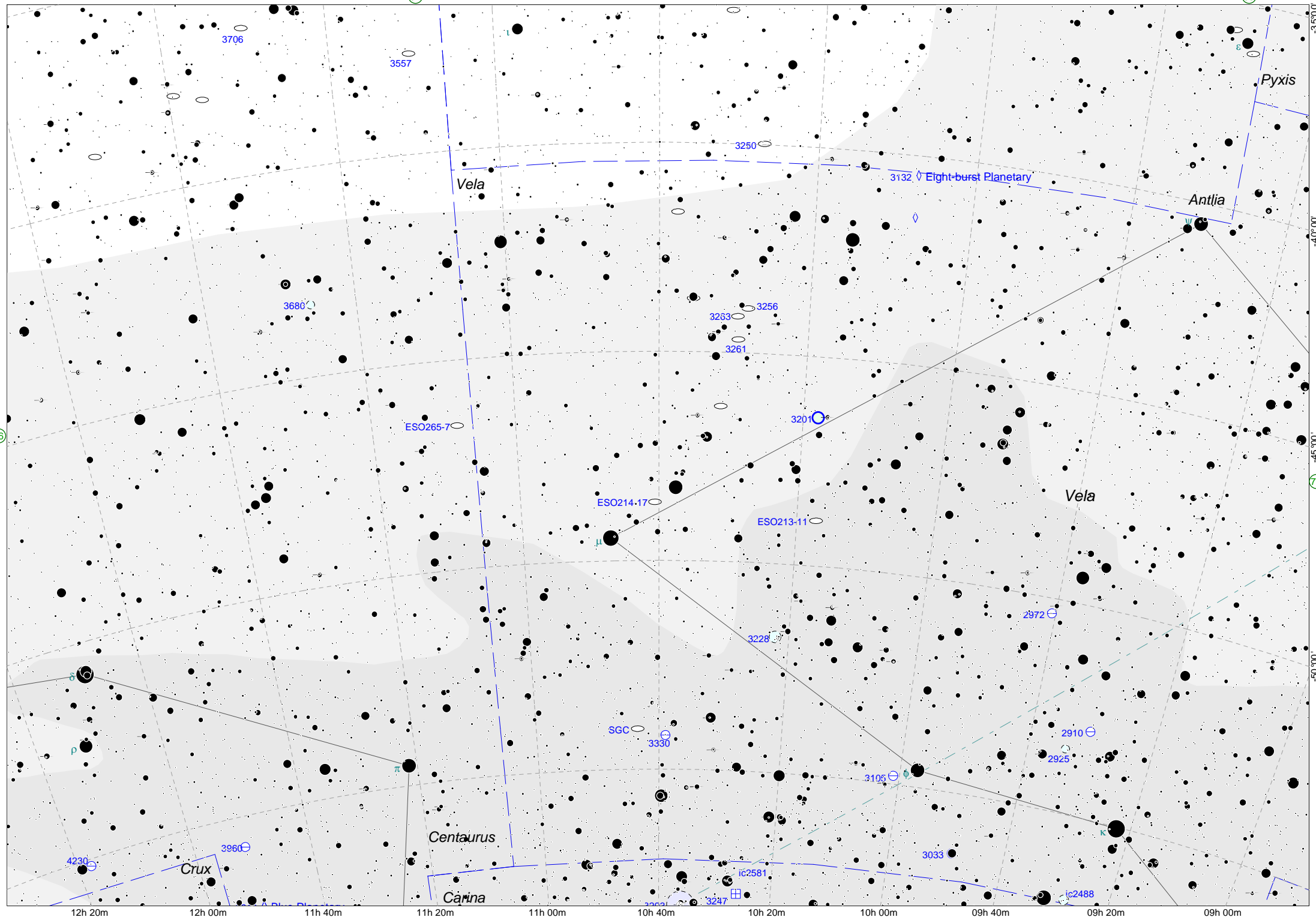
Circinus

Centaurus

Gacrux

15h 00m 14h 40m 14h 20m 14h 00m 13h 40m 13h 20m 13h 00m 12h 40m 12h 20m 12h 00m 11h 40m

-35°00' -40°00' -45°00' -50°00'



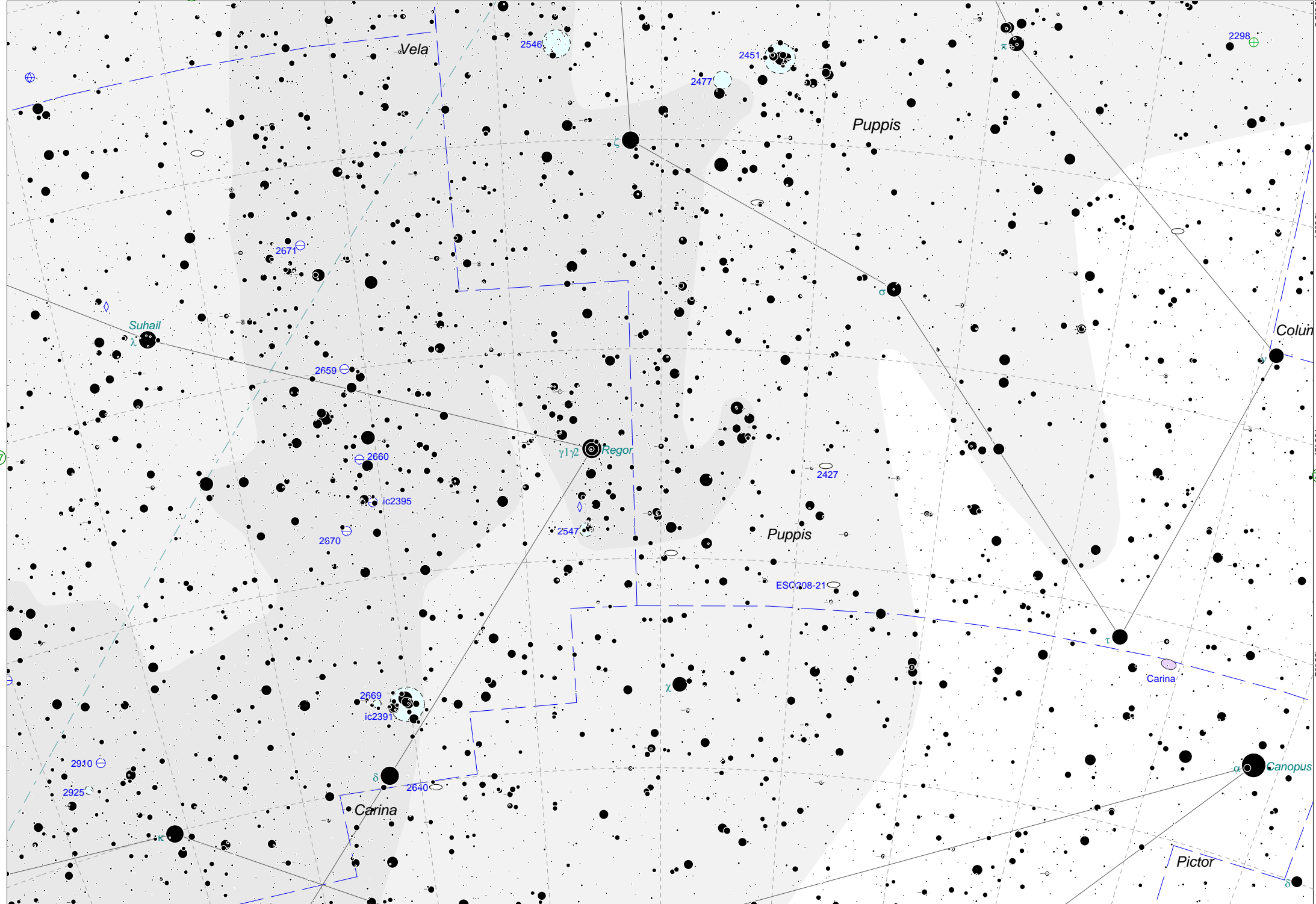


Chart 79

