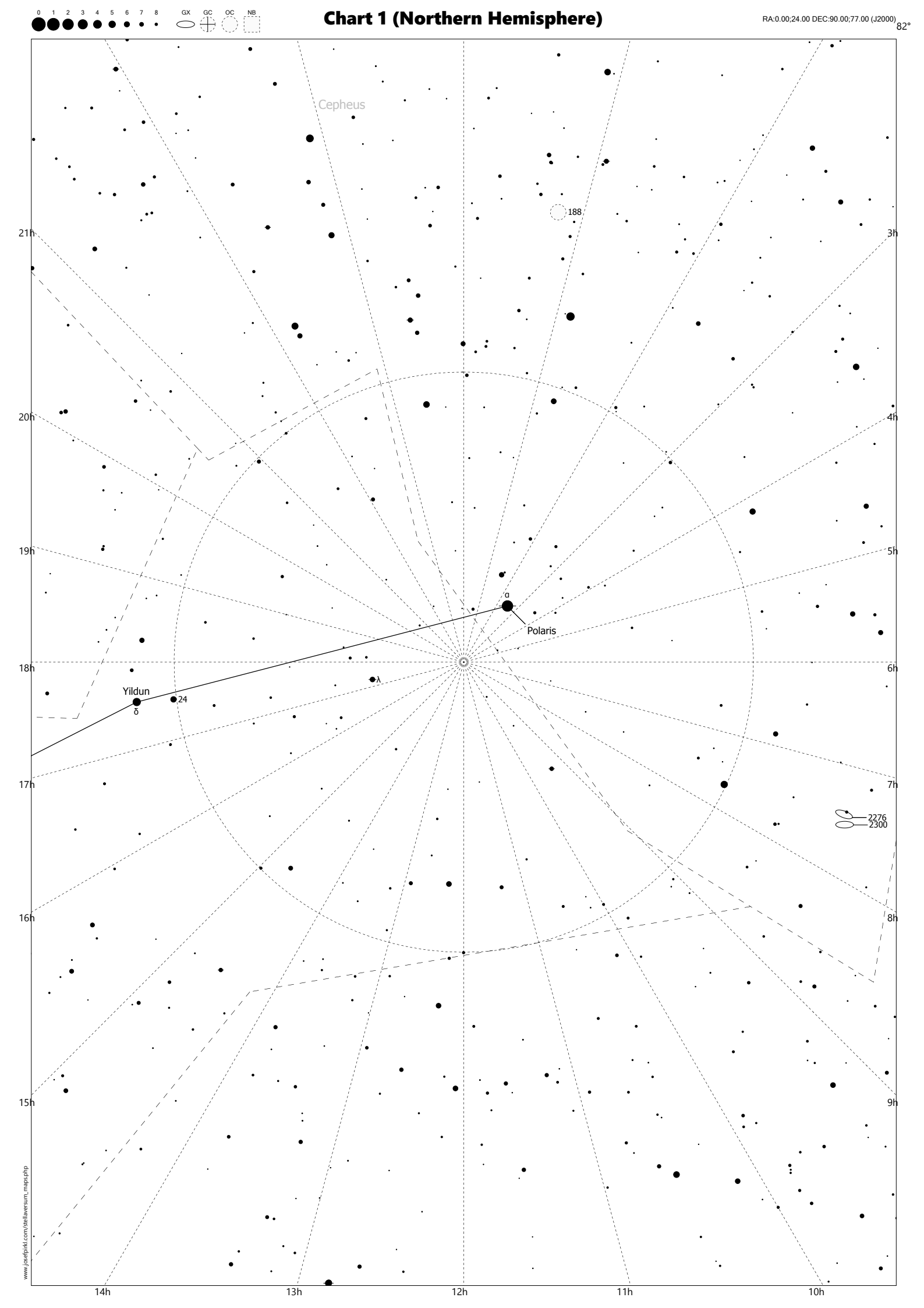
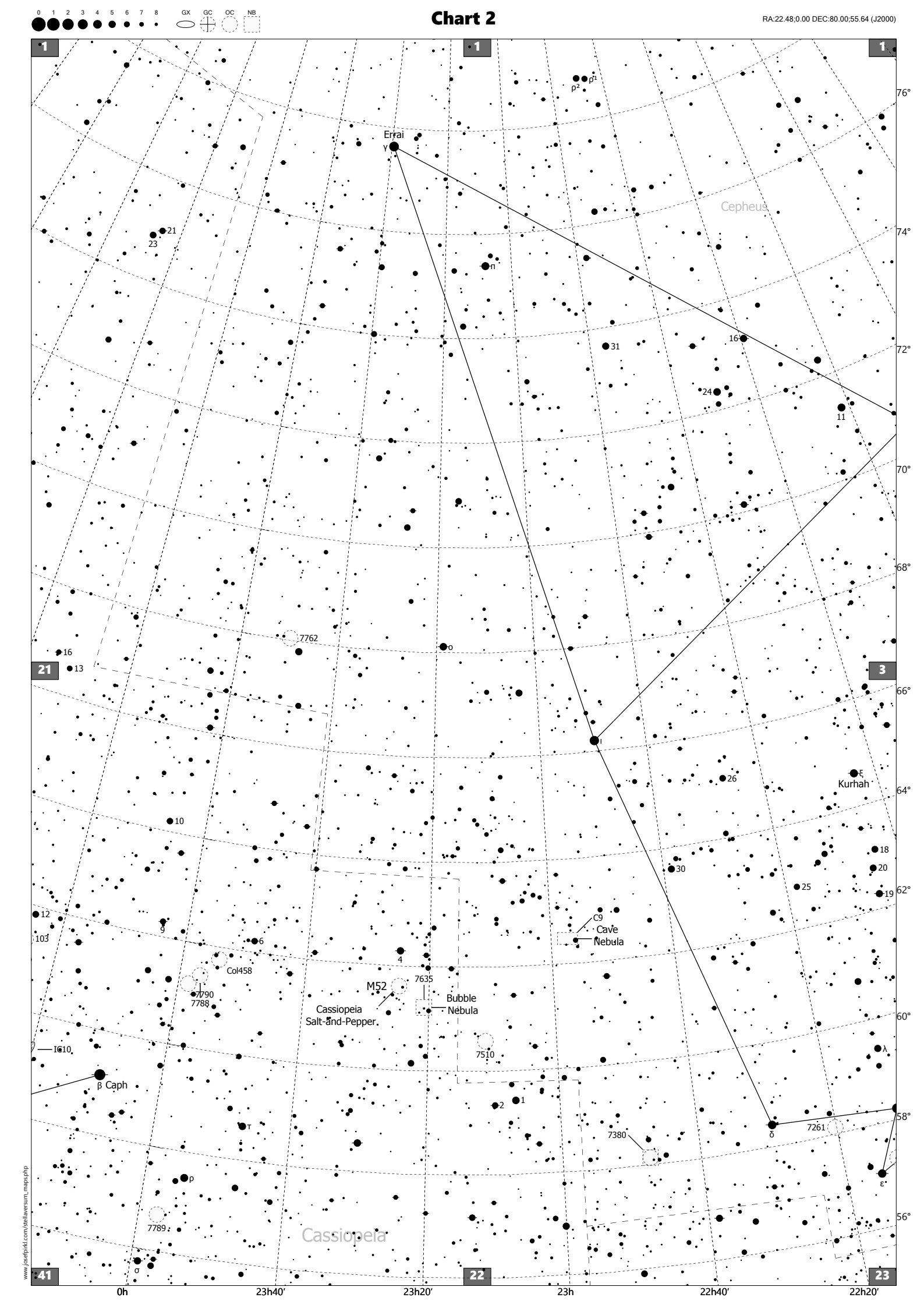
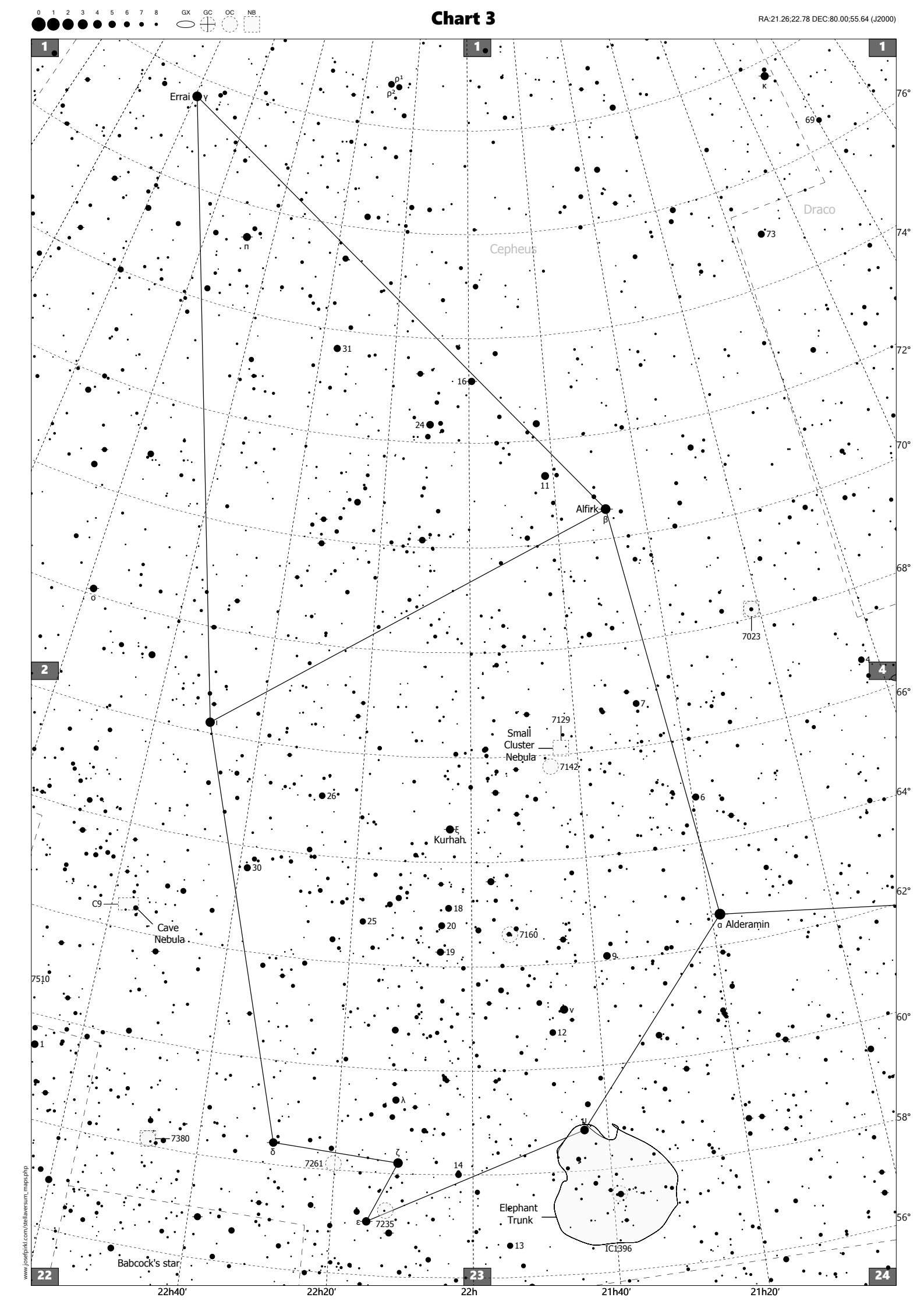

0 1 2 3 4 5 6 7 8
GX GC OC NB
Chart 1 (Northern Hemisphere)
RA:0.00;24.00 DEC:90.00;77.00 (J2000)
82°
Cepheus
188
21h
3h
20h
4h
19h
5h
α
Polaris
18h
6h
λ
Yildun
δ
24
17h
7h
2276
2300
16h
8h
15h
9h
14h
13h
12h
11h
10h
www.josefpirkl.com/stellaversum_maps.php


Chart 2
RA:22.48;0.00 DEC:80.00;55.64 (J2000)
0 1 2 3 4 5 6 7 8
GX GC OC NB
Errai
γ
Cepheus
ρ¹
ρ²
η
21
23
31
16
24
11
7762
ο
16
13
21
3
26
ξ
Kurhah
10
18
20
30
25
19
12
9
103
6
4
C9
Cave
Nebula
Col458
7790
7788
M52
7635
Cassiopeia
Salt-and-Pepper
Bubble
Nebula
7510
I610
β Caph
2
1
τ
ρ
7789
Cassiopeia
σ
7380
δ
7261
ε
λ
41
22
23
1
1
1
76°
74°
72°
70°
68°
66°
64°
62°
60°
58°
56°
0h
23h40′
23h20′
23h
22h40′
22h20′
www.jsfdpinkl.com/stellaversum_maps.php


Chart 3
RA:21.26;22.78 DEC:80.00;55.64 (J2000)
0 1 2 3 4 5 6 7 8
GX GC OC NB
Errai γ
ρ1
ρ2
κ
69
Draco
73
Cepheus
η
31
16
24
11
Alfirk
β
ο
7023
4
7
7129
Small
Cluster
Nebula
7142
26
6
ξ
Kurhah
30
C9
Cave
Nebula
18
25
20
7160
α Alderamin
19
9
7510
ν
12
1
λ
ι
7380
δ
ζ
7261
14
ε
7235
Elephant
Trunk
IC1396
13
Babcock's star
76°
74°
72°
70°
68°
66°
64°
62°
60°
58°
56°
1
2
4
22
23
24
22h40′
22h20′
22h
21h40′
21h20′
www.josefpirkl.com/stellaversum_maps.php

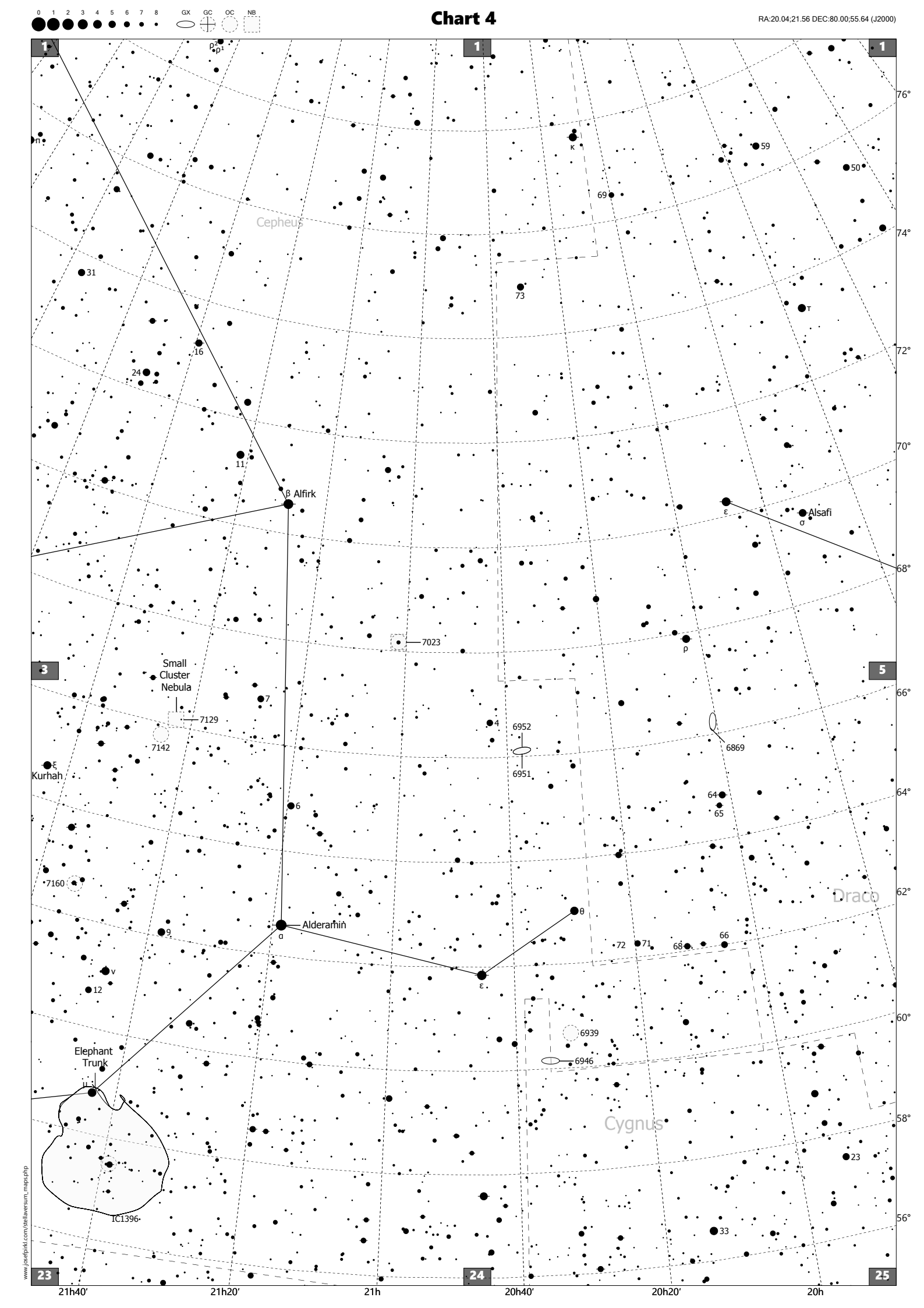
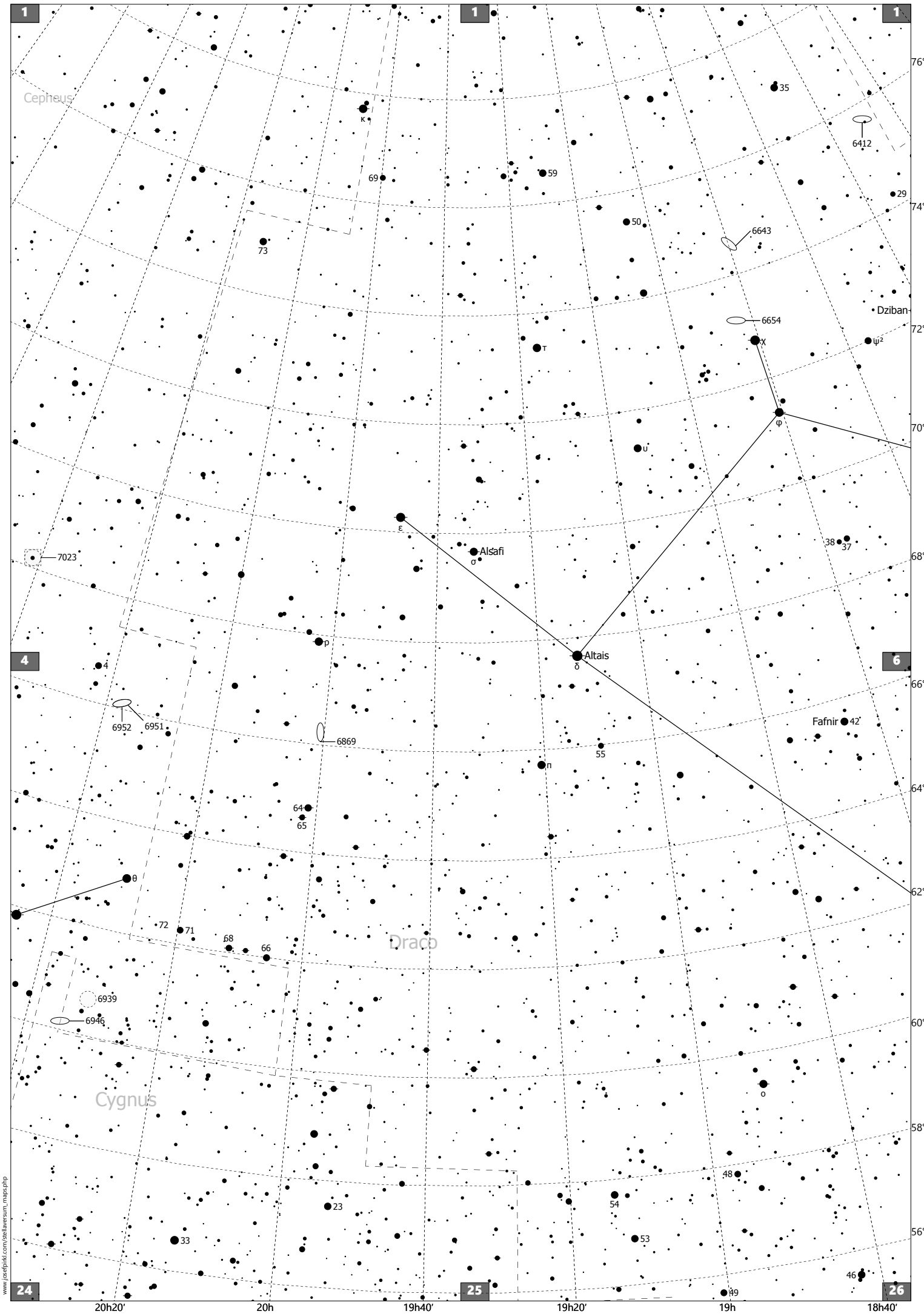
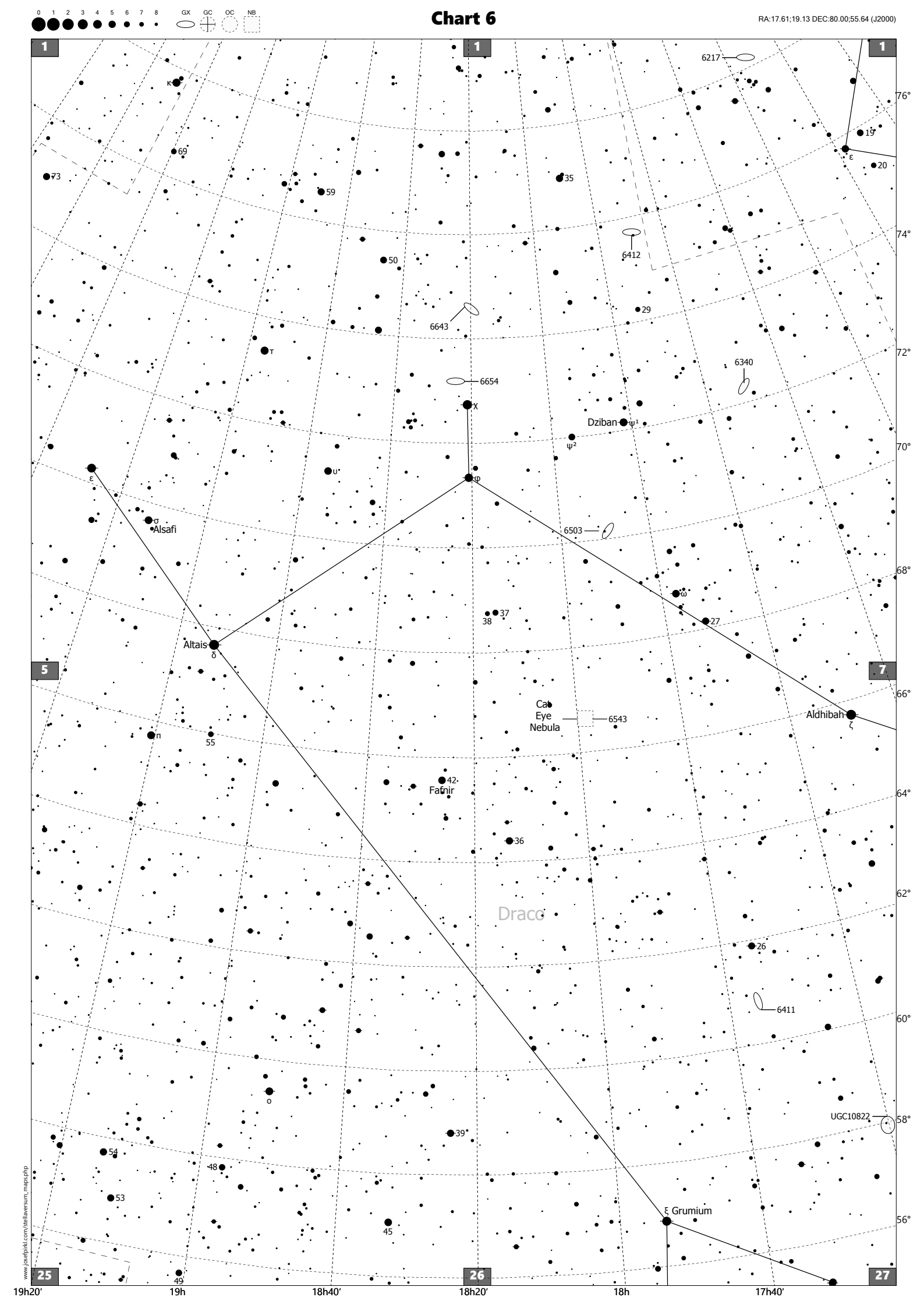

Chart 4
RA:20.04;21.56 DEC:80.00;55.64 (J2000)
0 1 2 3 4 5 6 7 8
GX GC OC NB
Cepheus
Draco
Cygnus
β Alfirk
Alsafi
Alderamin
Small Cluster Nebula
Elephant Trunk
IC1396
Kurhah
7023
7129
7142
7160
6869
6939
6946
6951
6952
www.jsefpirkl.com/stellaversum_maps.php
21h40′
21h20′
21h
20h40′
20h20′
20h
76°
74°
72°
70°
68°
66°
64°
62°
60°
58°
56°

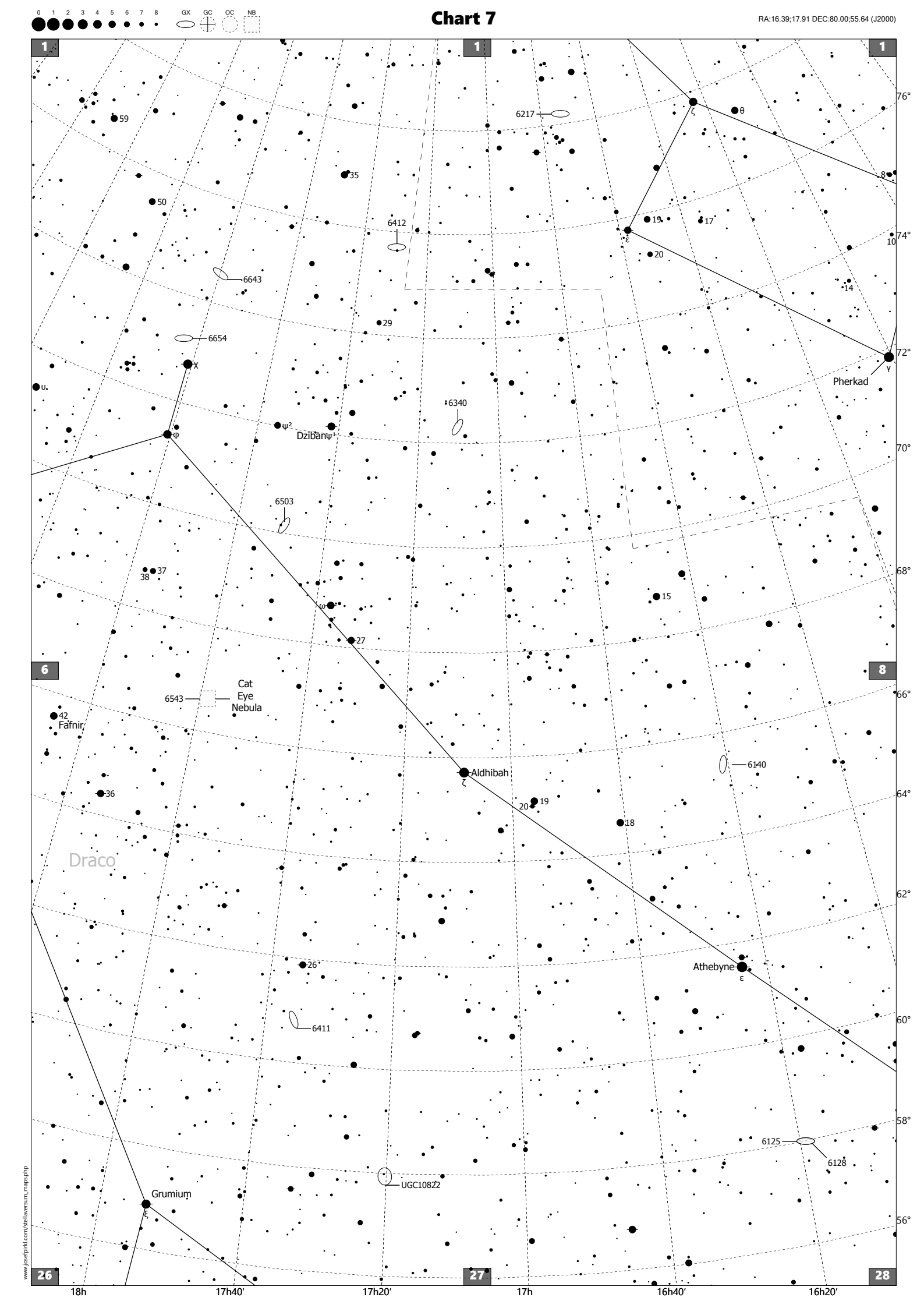
Chart 5

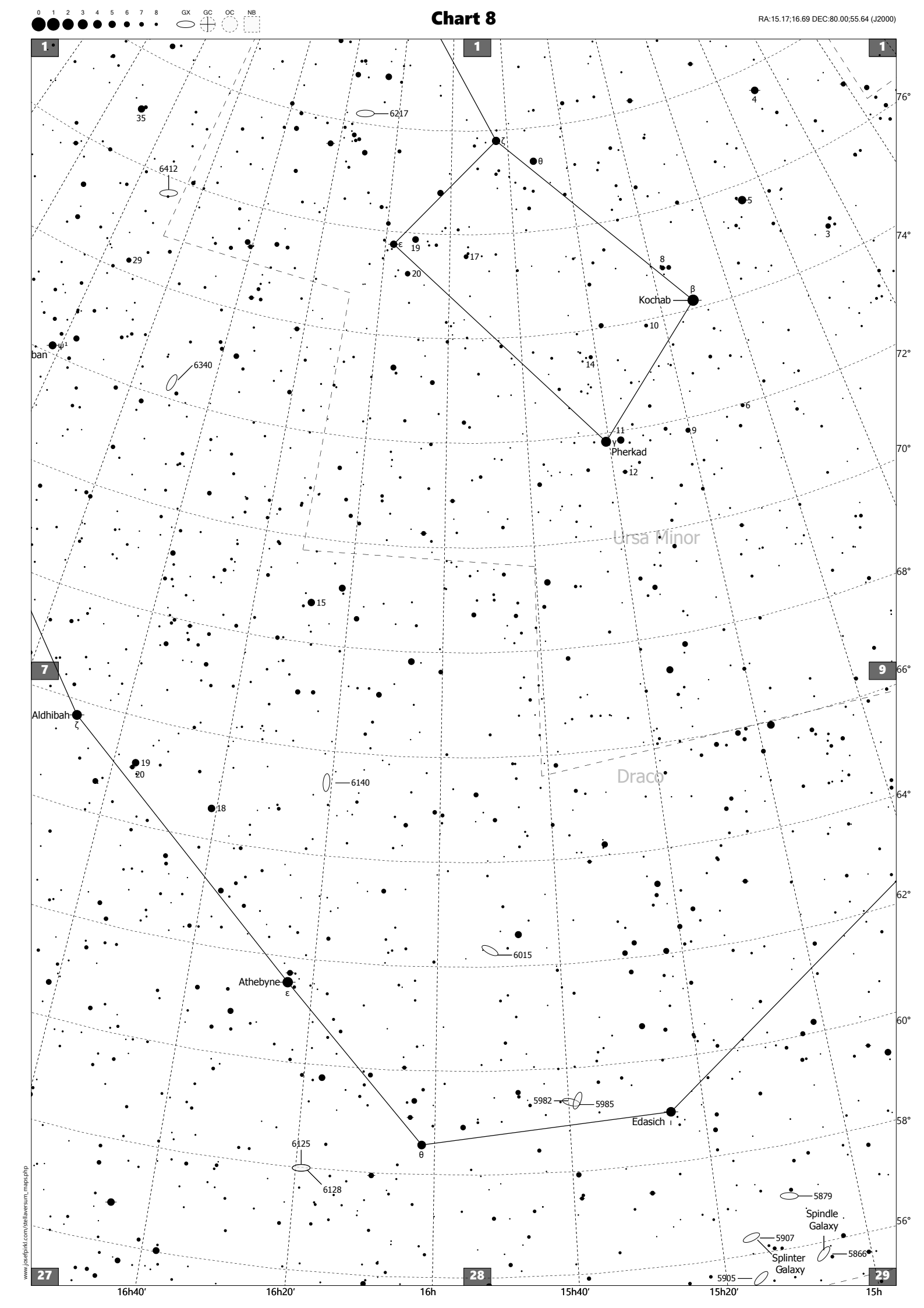
RA:18.83;20.34 DEC:80.00;55.64 (J2000)

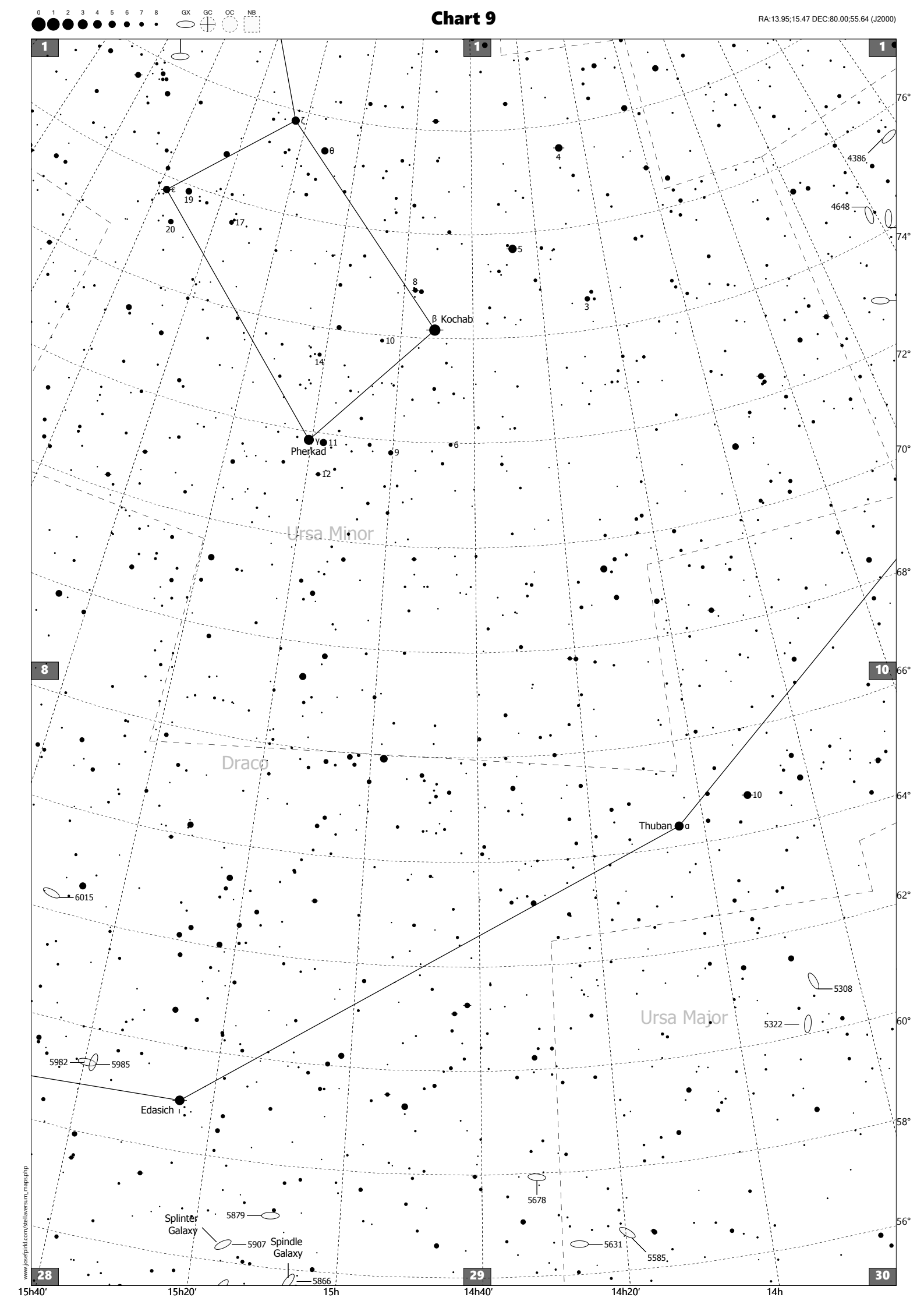


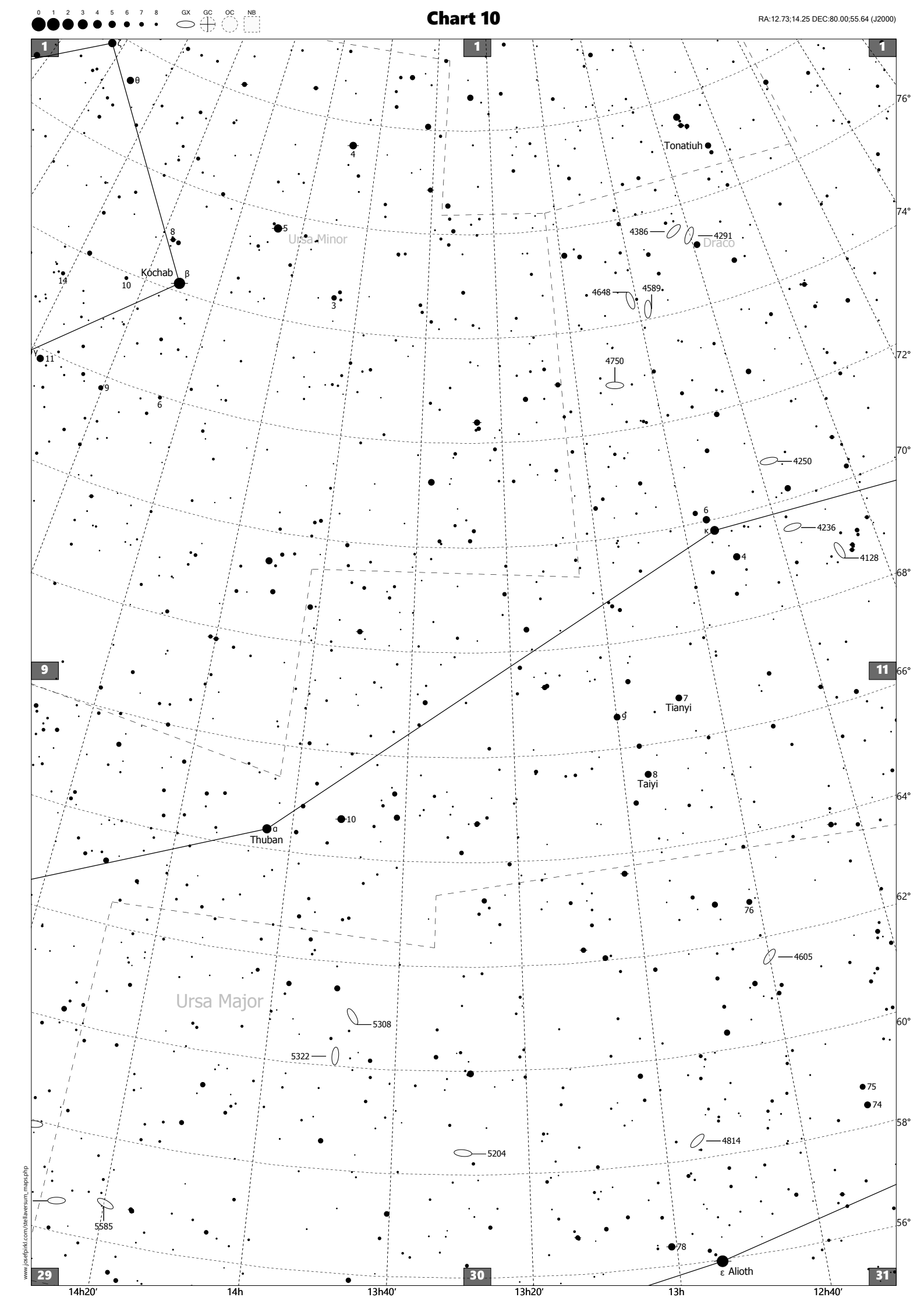
www.josefpirkl.com/stellaversum_maps.php

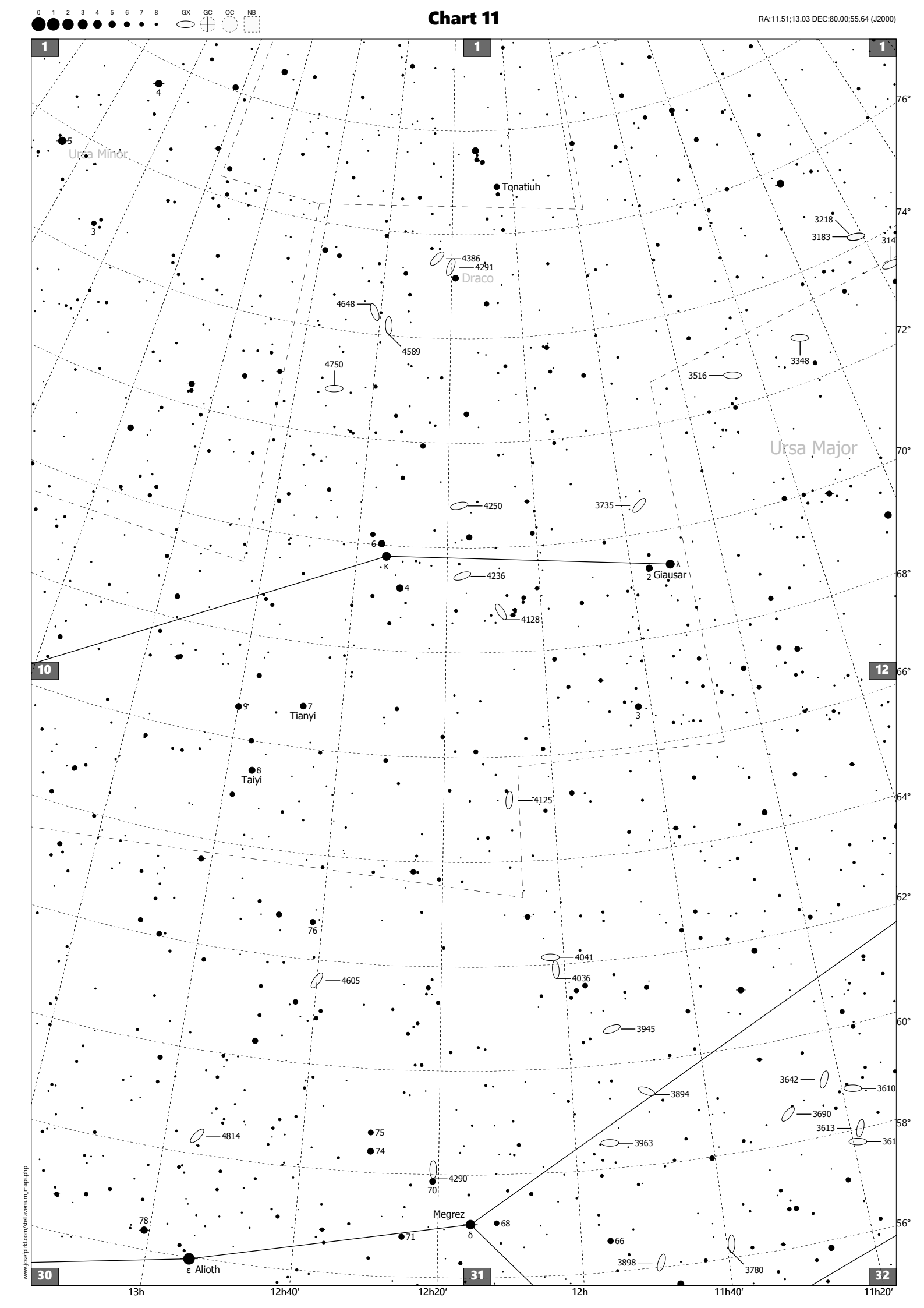

Chart 6
RA:17.61;19.13 DEC:80.00;55.64 (J2000)
0 1 2 3 4 5 6 7 8
GX GC OC NB
1
5
7
25
26
27
76°
74°
72°
70°
68°
66°
64°
62°
60°
58°
56°
19h20'
19h
18h40'
18h20'
18h
17h40'
κ
69
73
59
35
19
ε
20
6217
6412
50
29
6643
τ
6654
χ
6340
Dziban
ψ¹
ψ²
υ
φ
ε
σ
Alsafi
6503
ω
37
38
27
Altais
δ
Cat
Eye
Nebula
6543
Aldhibah
ζ
η
55
42
Fafnir
36
Draco
26
6411
o
39
UGC10822
54
48
53
45
ξ Grumium
49
www.jsdfprkl.com/stellaversum_maps.php


0 1 2 3 4 5 6 7 8
GX GC OC NB
Chart 7
RA:16.39;17.91 DEC:80.00;55.64 (J2000)
1
1
1
6
8
26
27
28
76°
74°
72°
70°
68°
66°
64°
62°
60°
58°
56°
18h
17h40'
17h20'
17h
16h40'
16h20'
59
35
50
6217
6412
6643
6654
29
6340
6503
37
38
15
27
42
Fafnir
36
6543
Cat
Eye
Nebula
Draco
Aldhibah
ζ
6140
19
20
18
26
6411
Athebyne
ε
UGC10822
Grumium
ξ
6125
6128
θ
ζ
8
19
17
ε
20
14
10
γ
Pherkad
ψ²
Dziban
ψ¹
Φ
χ
υ
ω
www.jsefpirkl.com/stellaversum_maps.php


Chart 8
RA:15.17;16.69 DEC:80.00;55.64 (J2000)
0 1 2 3 4 5 6 7 8
GX GC OC NB
Kochab
Pherkad
Aldhibah
Athebyne
Edasich
Ursa Minor
Draco
Spindle Galaxy
Splinter Galaxy
6217
6412
6340
6140
6015
6125
6128
5982
5985
5879
5907
5866
5905
76°
74°
72°
70°
68°
66°
64°
62°
60°
58°
56°
16h40'
16h20'
16h
15h40'
15h20'
15h
www.jsfdpinkl.com/stellaversum_maps.php


Chart 9
RA:13.95;15.47 DEC:80.00;55.64 (J2000)
0 1 2 3 4 5 6 7 8
GX GC OC NB
Ursa Minor
Draco
Ursa Major
Kochab
Pherkad
Thuban
Edasich
Splinter Galaxy
Spindle Galaxy
4386
4648
5308
5322
5678
5879
5907
5866
5631
5585
6015
5982
5985
15h40'
15h20'
15h
14h40'
14h20'
14h
76°
74°
72°
70°
68°
66°
64°
62°
60°
58°
56°
www.jsefpirkl.com/stellaversum_maps.php


Chart 10
RA:12.73;14.25 DEC:80.00;55.64 (J2000)
0 1 2 3 4 5 6 7 8
GX GC OC NB
Ursa Minor
Draco
Ursa Major
Kochab
Tonatiuh
Tianyi
Taiyi
Thuban
ε Alioth
4386
4291
4648
4589
4750
4250
4236
4128
4605
4814
5308
5322
5204
5585
14h20′
14h
13h40′
13h20′
13h
12h40′
76°
74°
72°
70°
68°
66°
64°
62°
60°
58°
56°
www.josefpirkl.com/stellaversum_maps.php


0 1 2 3 4 5 6 7 8
GX GC OC NB
Chart 11
RA:11.51;13.03 DEC:80.00;55.64 (J2000)
Ursa Minor
Tonatiuh
Draco
Ursa Major
Tianyi
Taiyi
Giausar
Megrez
Alioth
4
5
3
4386
4291
4648
4589
4750
3218
3183
314
3348
3516
4250
3735
6
κ
λ
2
4236
4
4128
9
7
3
8
4125
76
4041
4036
4605
3945
3642
3610
3894
3690
3613
361
4814
75
74
3963
4290
70
78
71
68
δ
66
3898
3780
ε
10
12
30
31
32
1
76°
74°
72°
70°
68°
66°
64°
62°
60°
58°
56°
13h
12h40′
12h20′
12h
11h40′
11h20′
www.jsefipirkl.com/stellaversum_maps.php

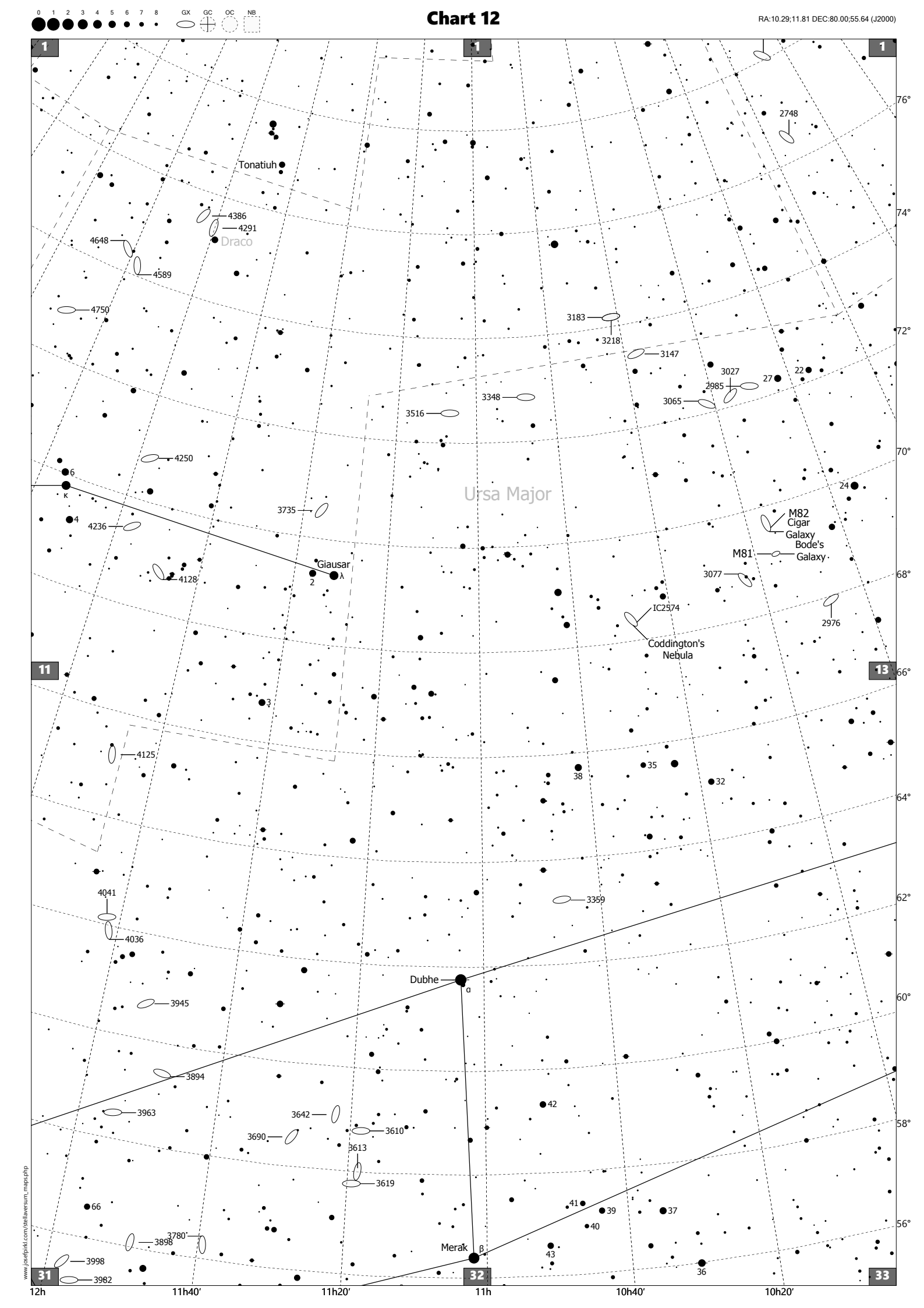
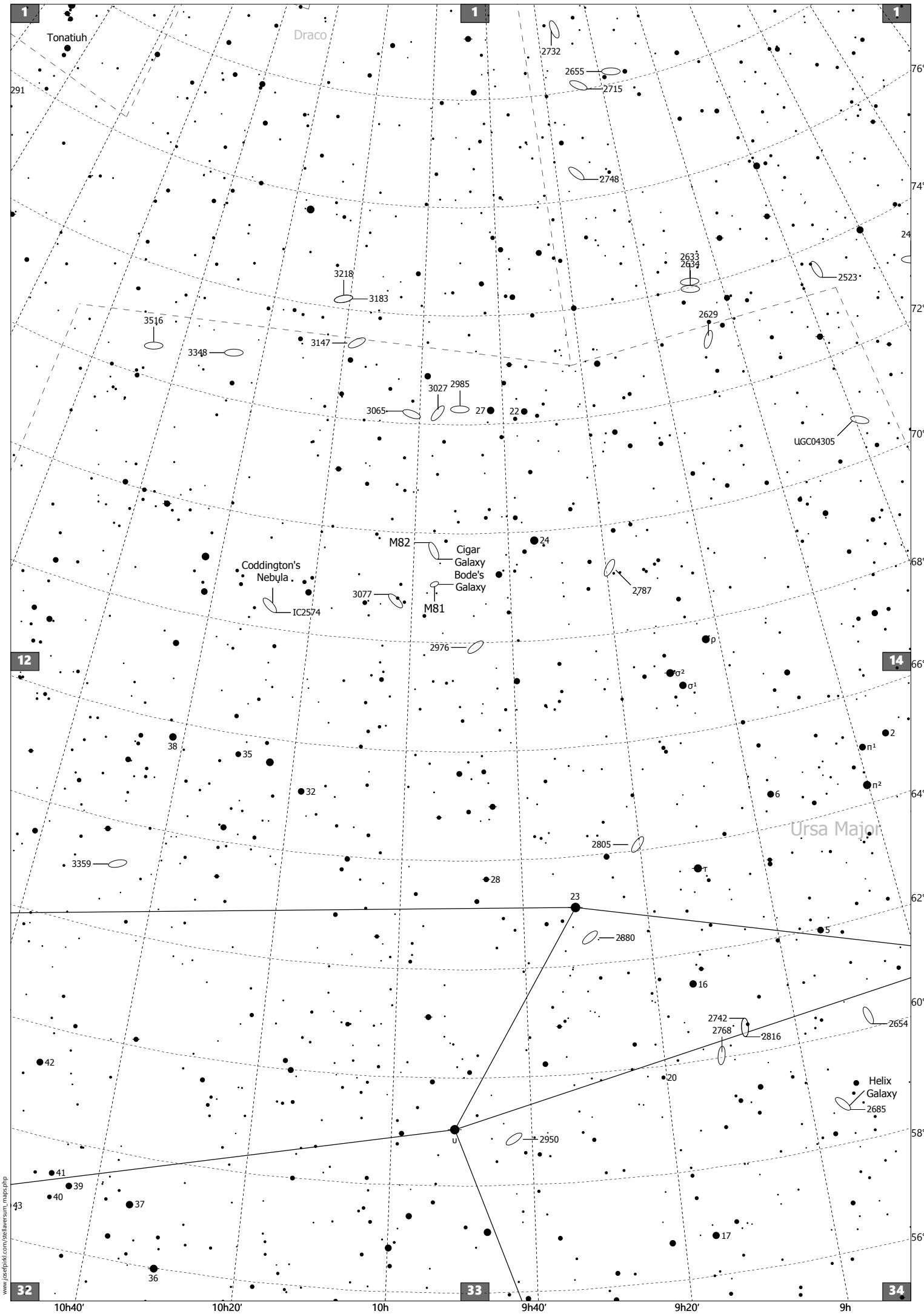
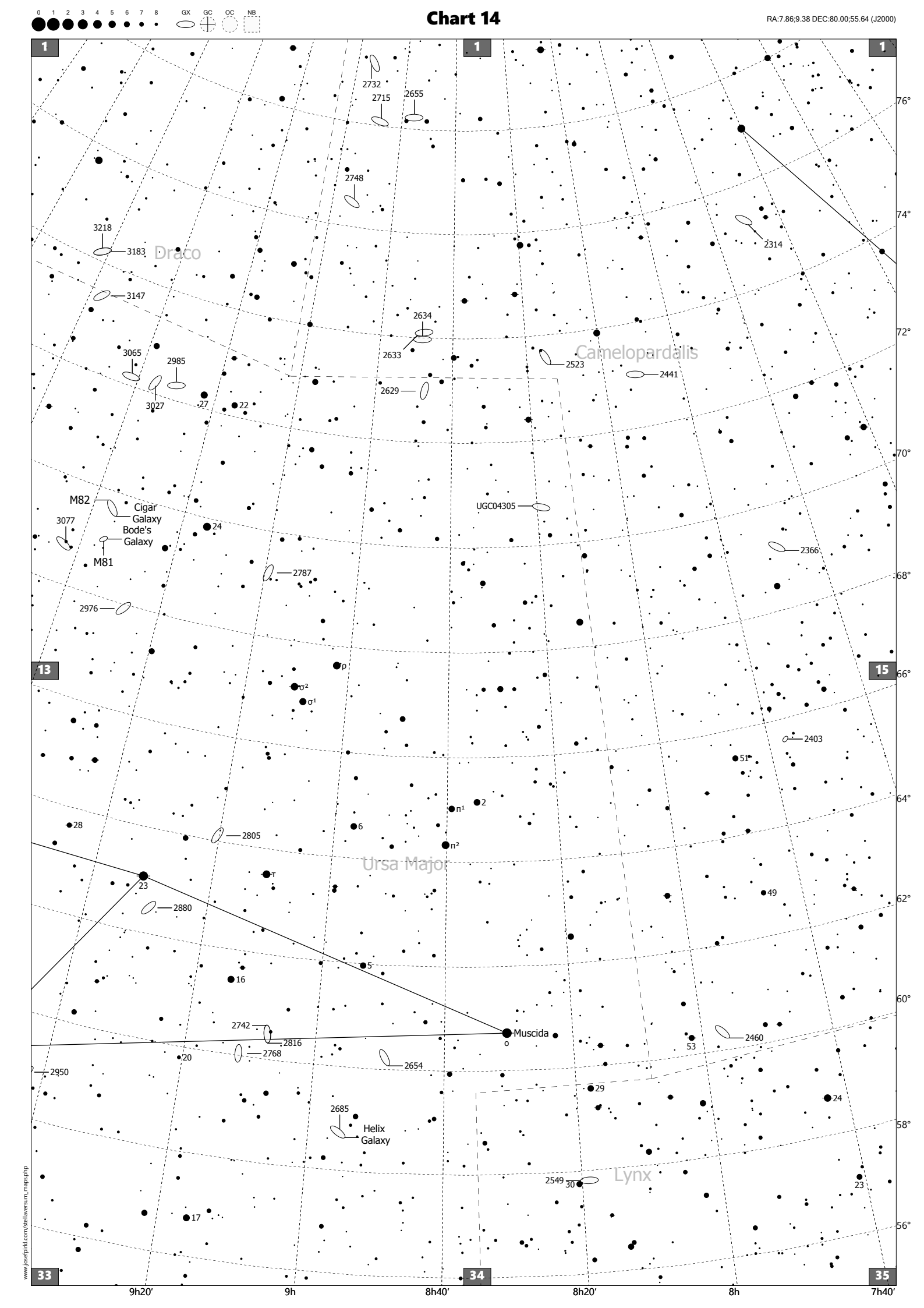

Chart 12
RA:10.29;11.81 DEC:80.00;55.64 (J2000)
0 1 2 3 4 5 6 7 8
GX GC OC NB
Tonatiuh
Draco
Ursa Major
Giausar
Dubhe
Merak
M82
Cigar
Galaxy
M81
Bode's
Galaxy
IC2574
Coddington's
Nebula
4386
4291
4648
4589
4750
4250
4236
4128
3735
3516
3348
3183
3218
3147
3027
2985
3065
2748
2976
3077
4125
4041
4036
3945
3894
3963
3642
3690
3610
3613
3619
3359
3898
3780
3998
3982
12h
11h40'
11h20'
11h
10h40'
10h20'
www.jsefipirkl.com/stellaversum_maps.php

Chart 13

RA:9.08;10.59 DEC:80.00;55.64 (J2000)



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0 1 2 3 4 5 6 7 8
GX GC OC NB
Chart 14
RA:7.86;9.38 DEC:80.00;55.64 (J2000)
1
1
1
13
15
33
34
35
76°
74°
72°
70°
68°
66°
64°
62°
60°
58°
56°
9h20'
9h
8h40'
8h20'
8h
7h40'
2732
2715
2655
2748
3218
3183
Draco
3147
2314
2634
2633
3065
2985
3027
27
22
2523
2441
Camelopardalis
2629
M82
Cigar Galaxy
3077
Bode's Galaxy
M81
24
UGC04305
2366
2787
2976
ρ
σ²
σ¹
2403
51
n¹
2
28
2805
6
n²
Ursa Major
τ
23
49
2880
5
16
2742
2816
Muscida
o
2460
53
20
2768
2654
2950
29
24
2685
Helix Galaxy
2549
30
Lynx
23
17
www.josefpirkl.com/stellaversum_maps.php

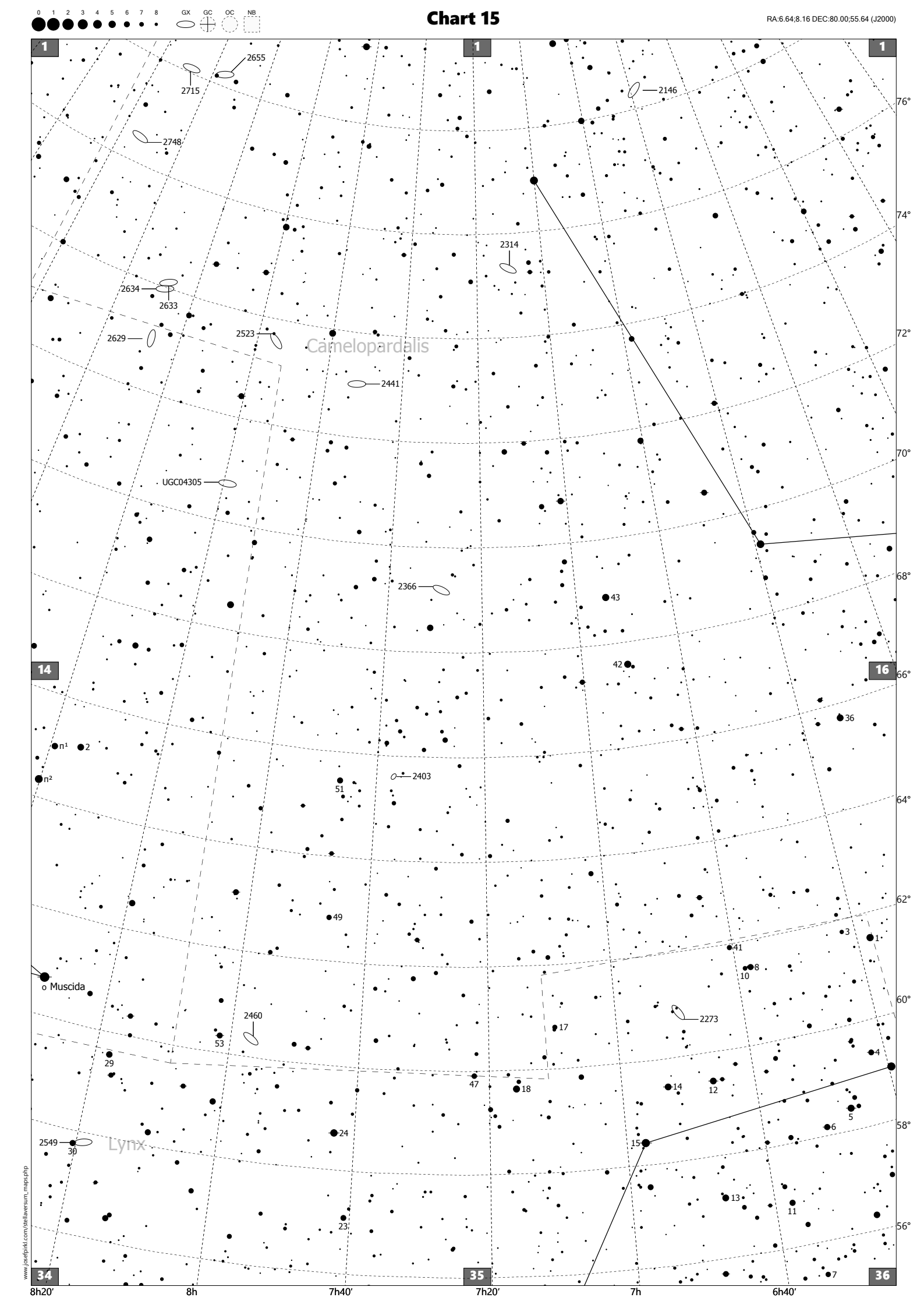
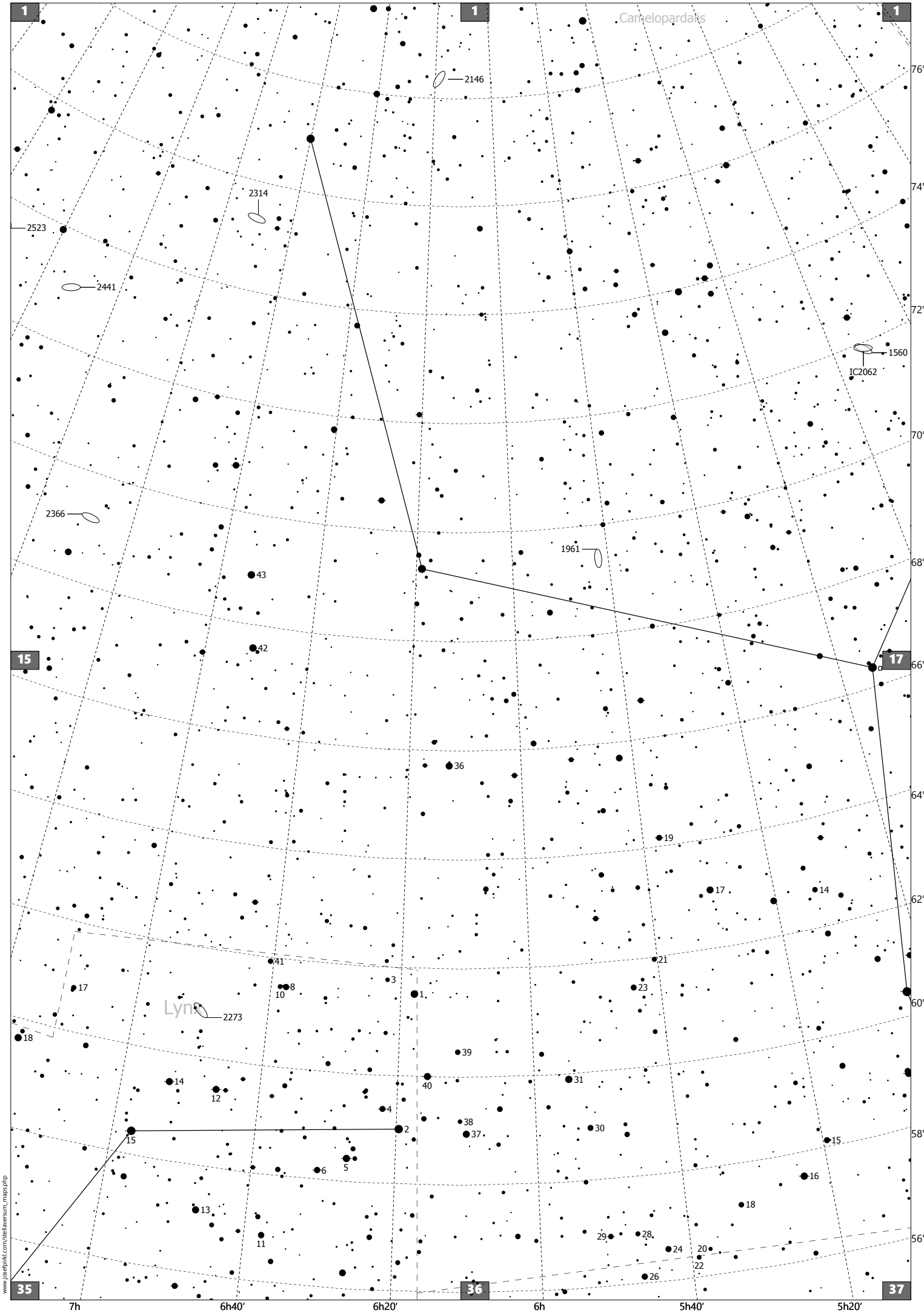
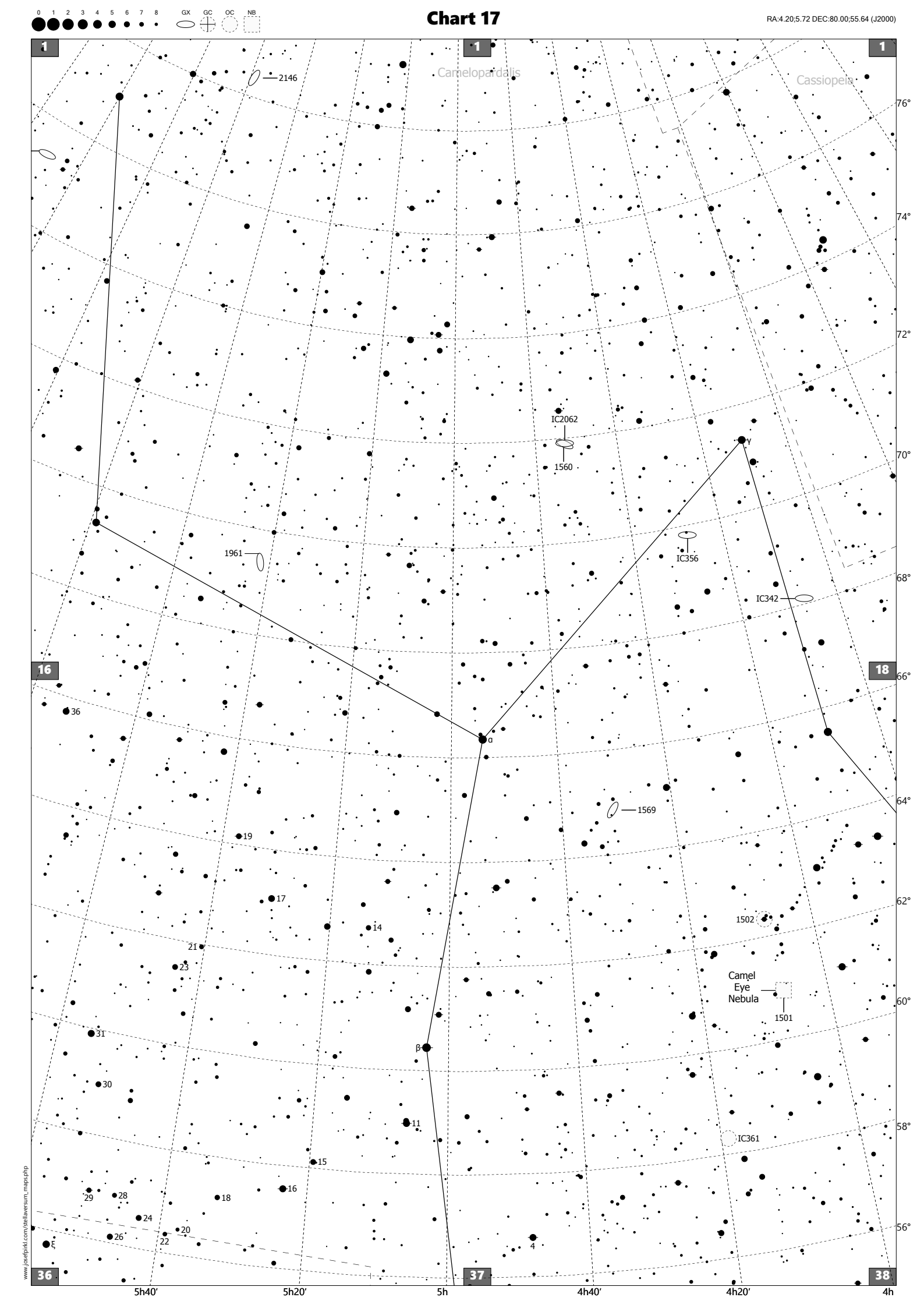

0 1 2 3 4 5 6 7 8
GX GC OC NB
Chart 15
RA:6.64;8.16 DEC:80.00;55.64 (J2000)
1
1
1
2655
2715
2146
2748
2314
2634
2633
2629
2523
Camelopardalis
2441
UGC04305
2366
43
42
14
16
36
π¹
2
π²
2403
51
49
o Muscida
2460
53
29
2273
17
41
10
3
1
8
4
47
18
14
12
5
6
15
24
2549
30
Lynx
13
11
23
7
76°
74°
72°
70°
68°
66°
64°
62°
60°
58°
56°
34
35
36
8h20′
8h
7h40′
7h20′
7h
6h40′
www.josefpirkl.com/stellaversum_maps.php

Chart 16

RA:5.42;6.94 DEC:80.00;55.64 (J2000)



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Chart 17
RA:4.20;5.72 DEC:80.00;55.64 (J2000)
0 1 2 3 4 5 6 7 8
GX GC OC NB
Camelopardalis
Cassiopeia
2146
IC2062
1560
1961
IC356
IC342
1569
1502
Camel
Eye
Nebula
1501
IC361
α
β
γ
36
19
17
14
21
23
31
30
11
15
16
18
29
28
24
26
20
22
ξ
4
76°
74°
72°
70°
68°
66°
64°
62°
60°
58°
56°
1
16
18
36
37
38
5h40′
5h20′
5h
4h40′
4h20′
4h
www.jsefpirkl.com/stellaversum_maps.php

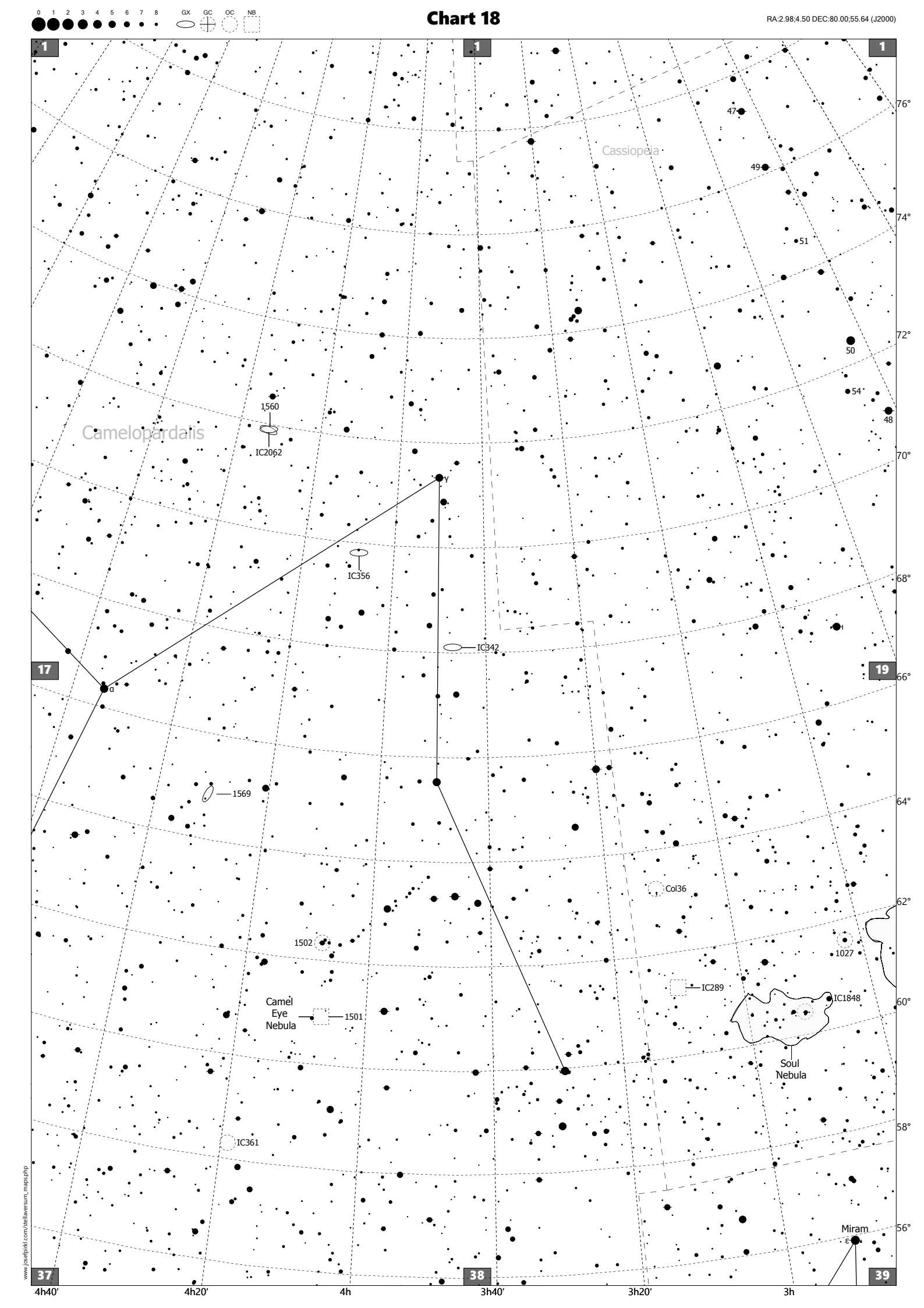
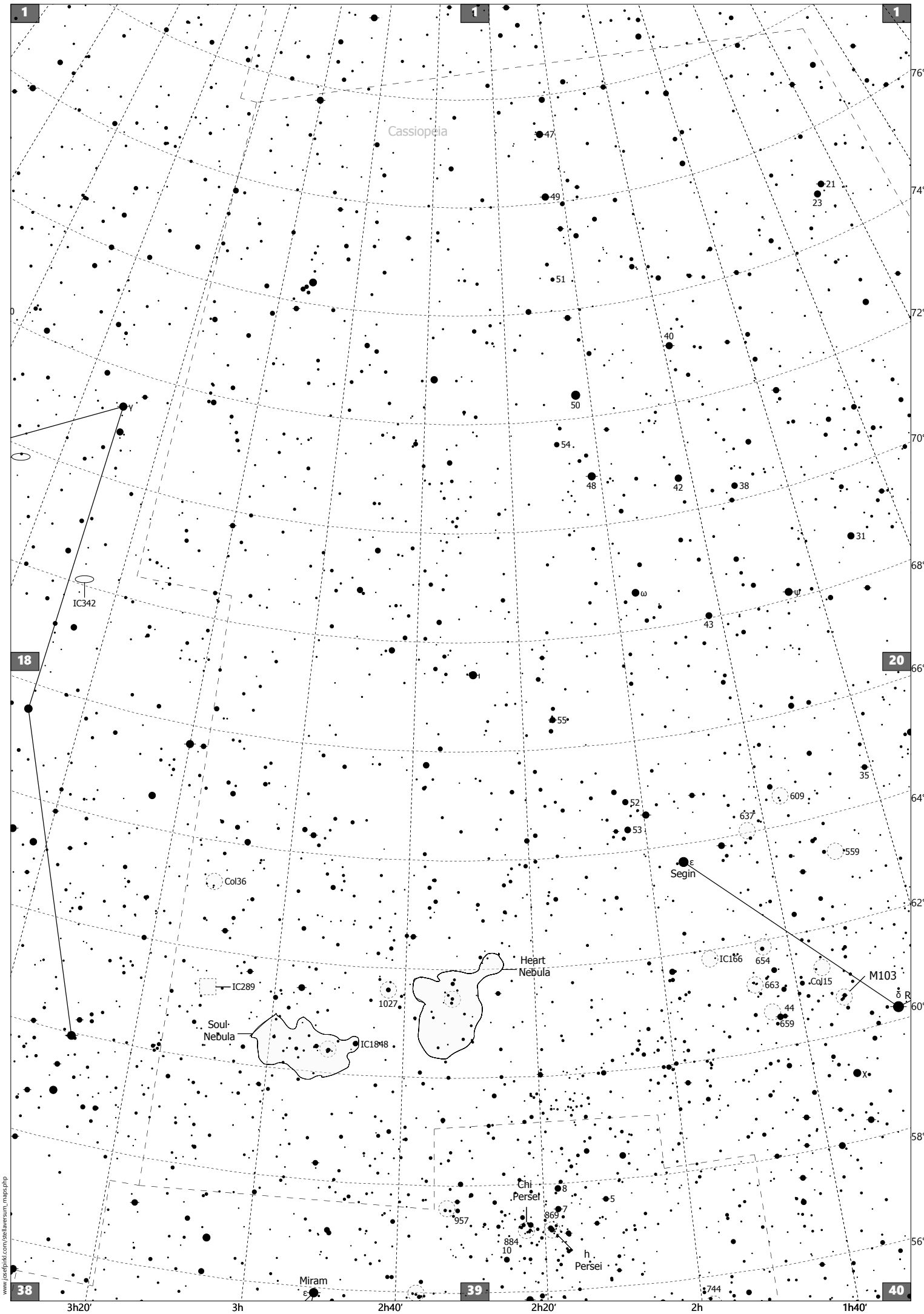

0 1 2 3 4 5 6 7 8
GX GC OC NB
Chart 18
RA:2.98;4.50 DEC:80.00;55.64 (J2000)
1
1
1
Cassiopeia
47
49
51
50
54
48
76°
74°
72°
70°
68°
66°
64°
62°
60°
58°
56°
Camelopardalis
1560
IC2062
γ
IC356
IC342
17
19
α
1569
Col36
1502
1027
IC289
IC1848
Camel
Eye
Nebula
1501
Soul
Nebula
IC361
Miram
ε
37
38
39
4h40'
4h20'
4h
3h40'
3h20'
3h
www.josefpirkl.com/stellaversum_maps.php

Chart 19

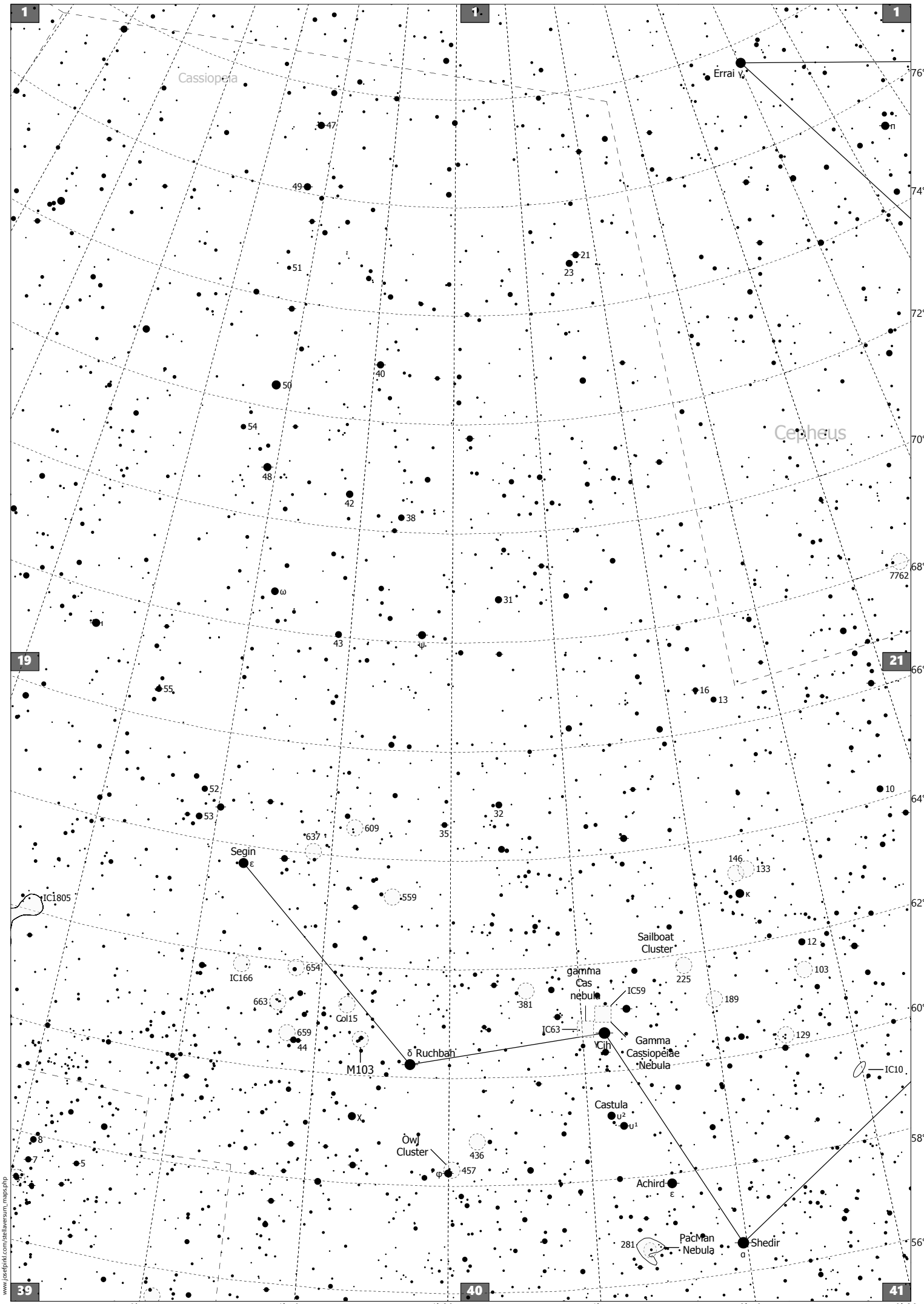
RA:1.76;3.28 DEC:80.00;55.64 (J2000)



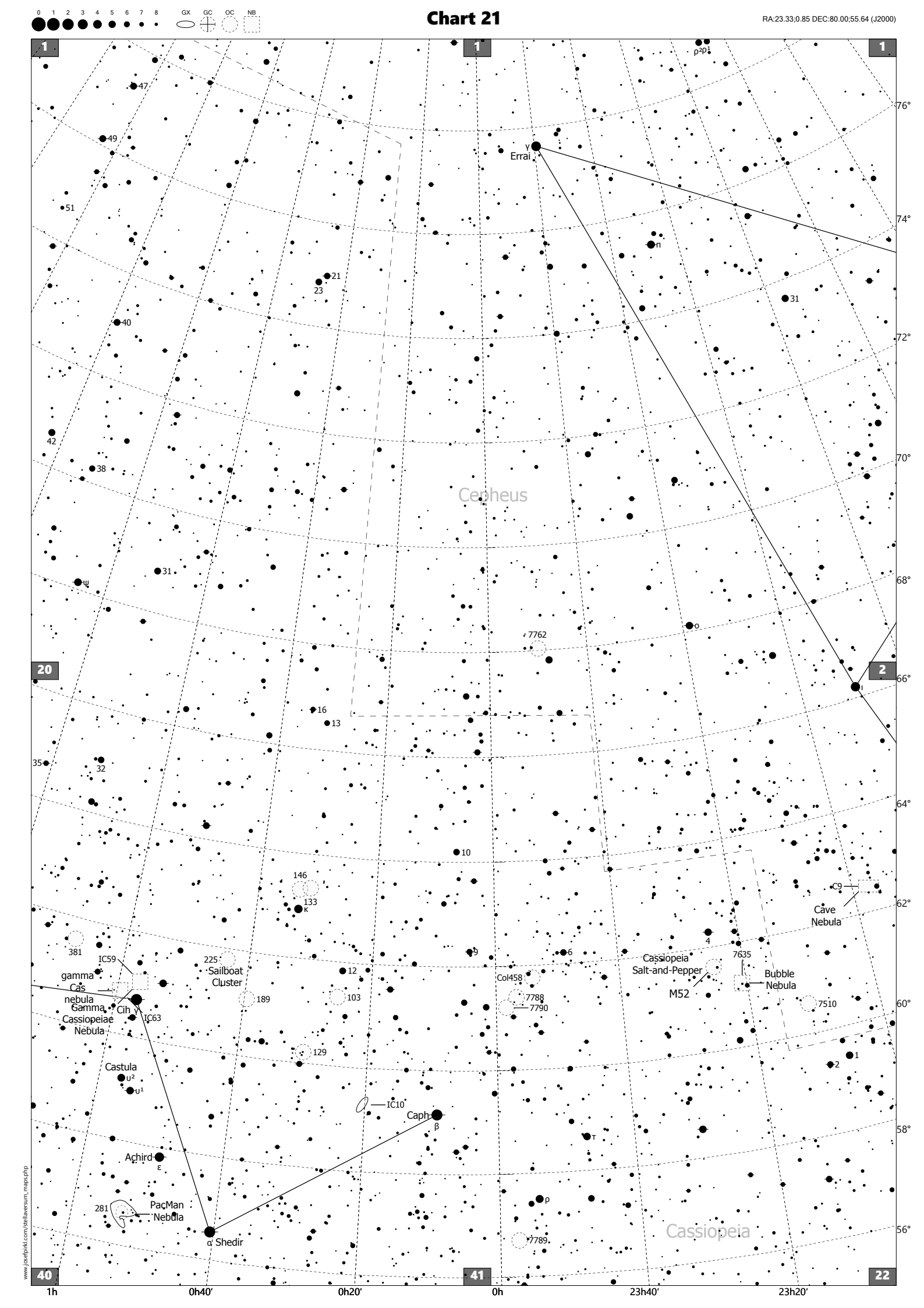
www.josefpirkl.com/stellaversum_maps.php

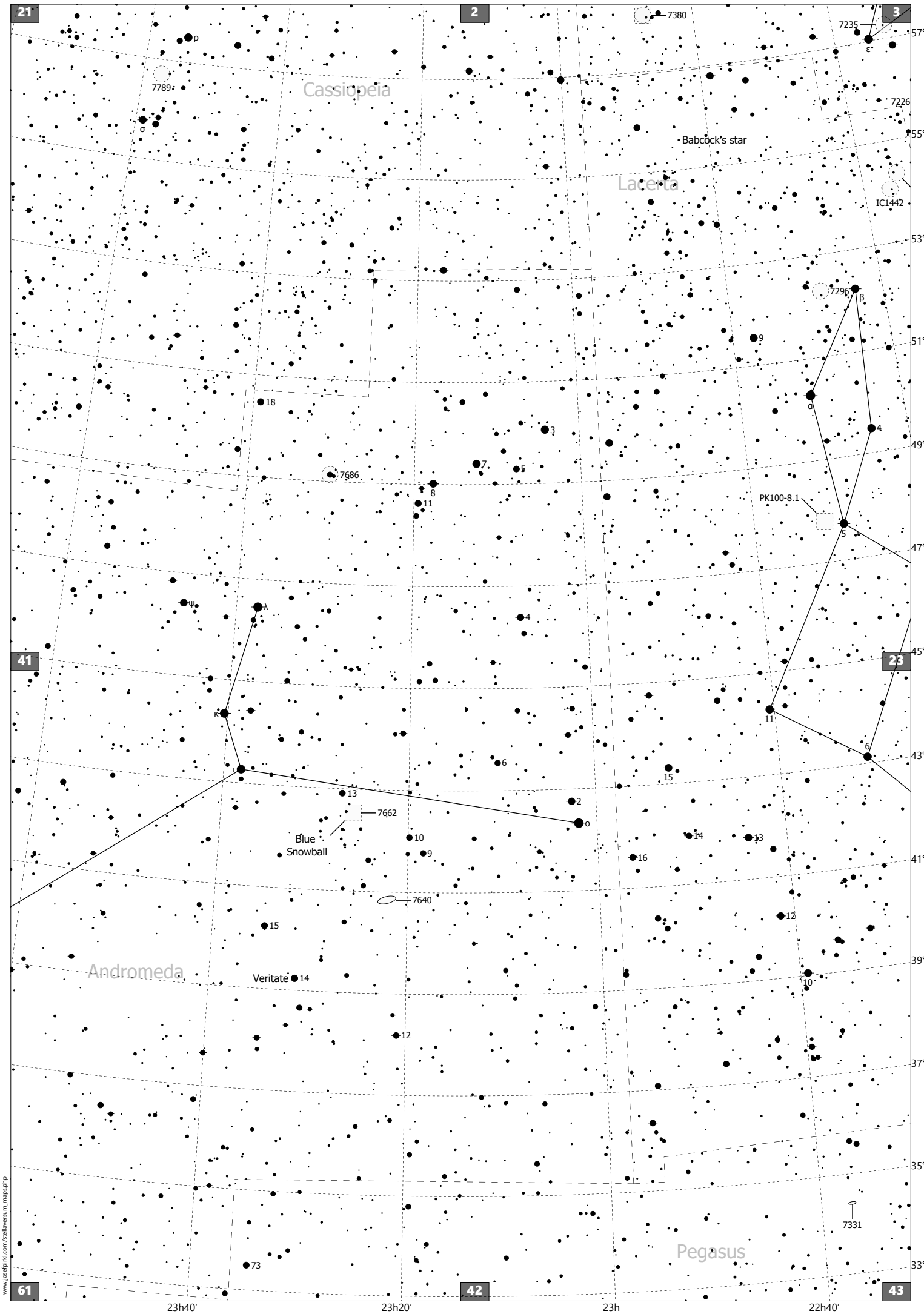
Chart 20

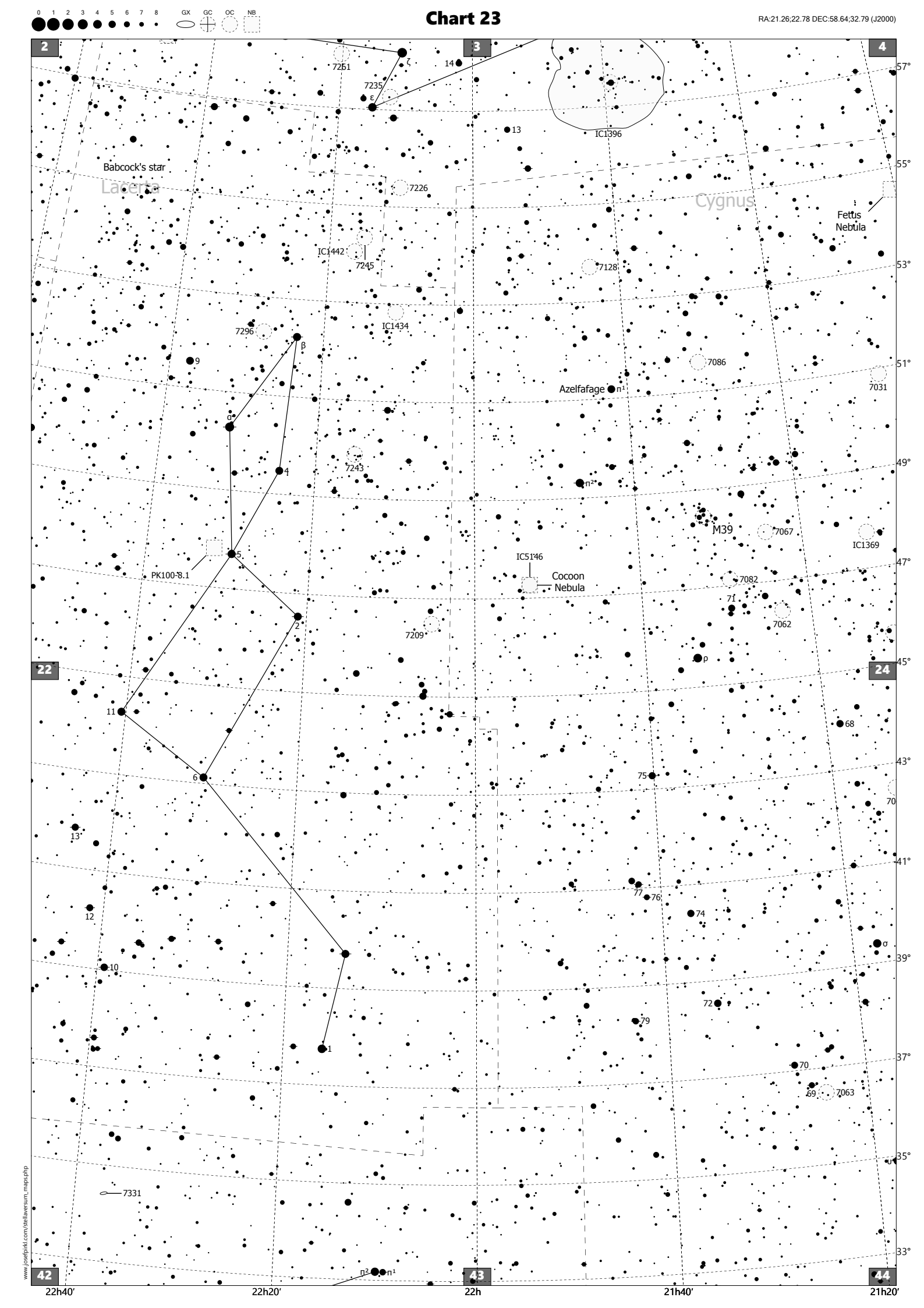
RA:0.55;2.06 DEC:80.00;55.64 (J2000)

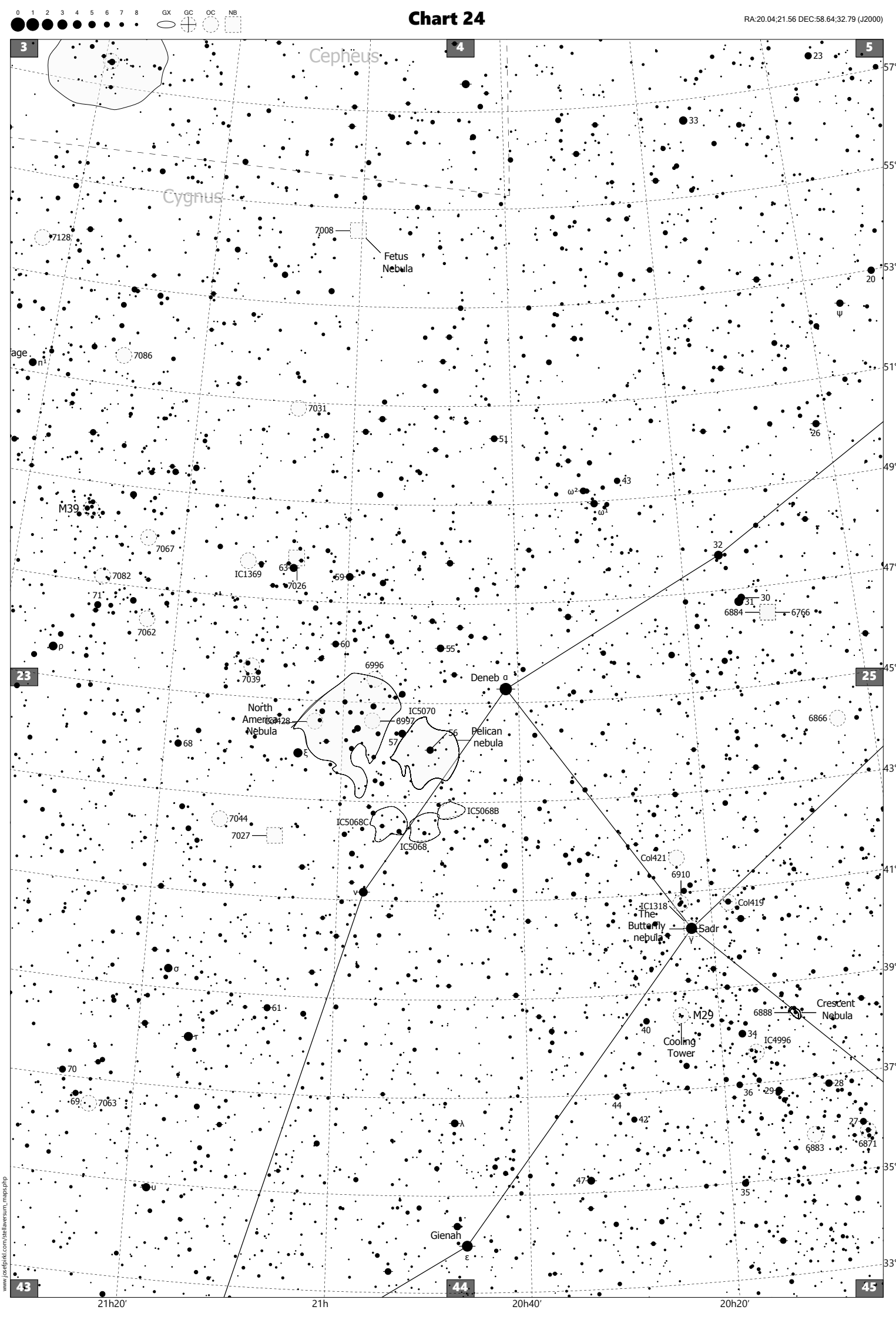


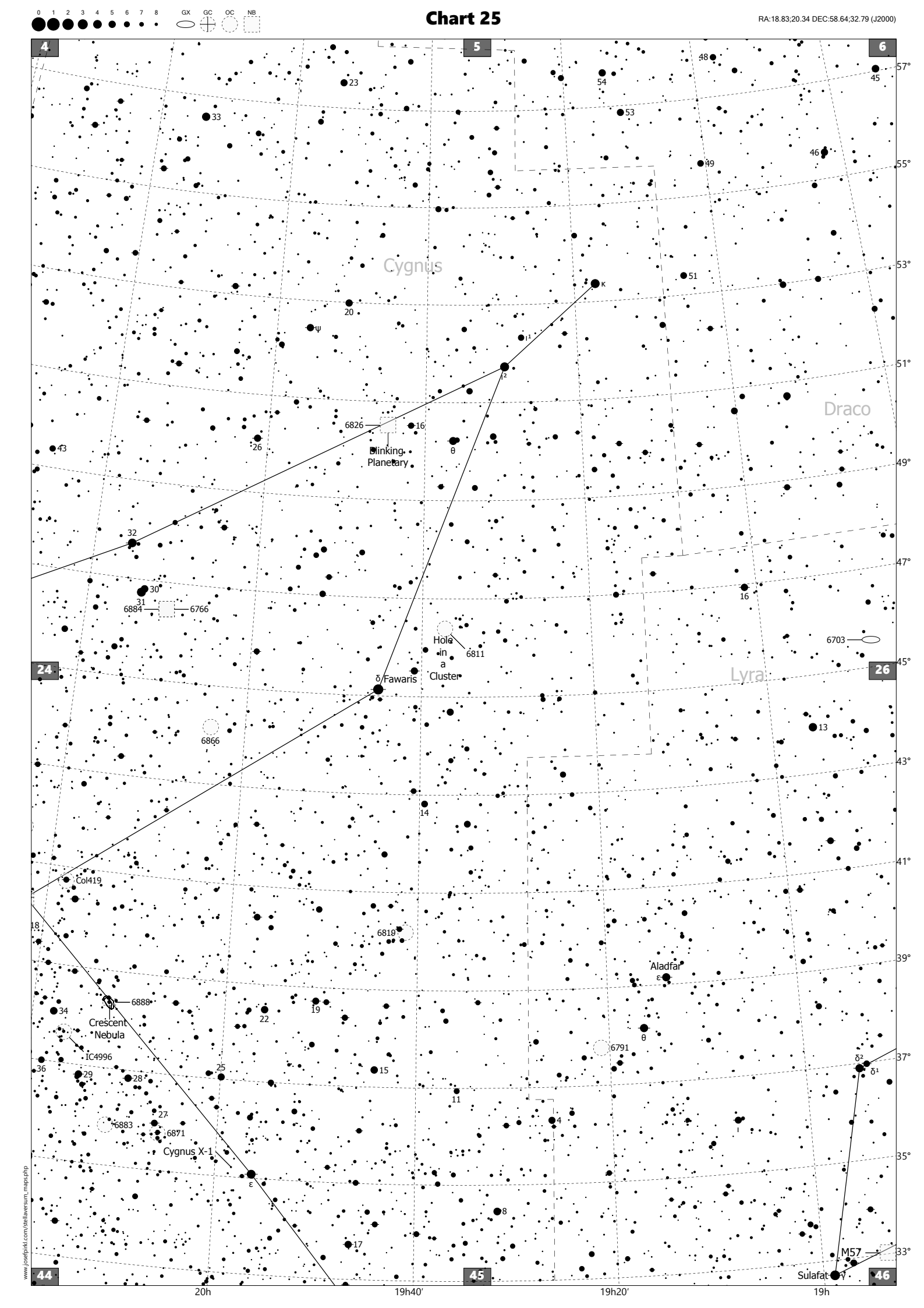
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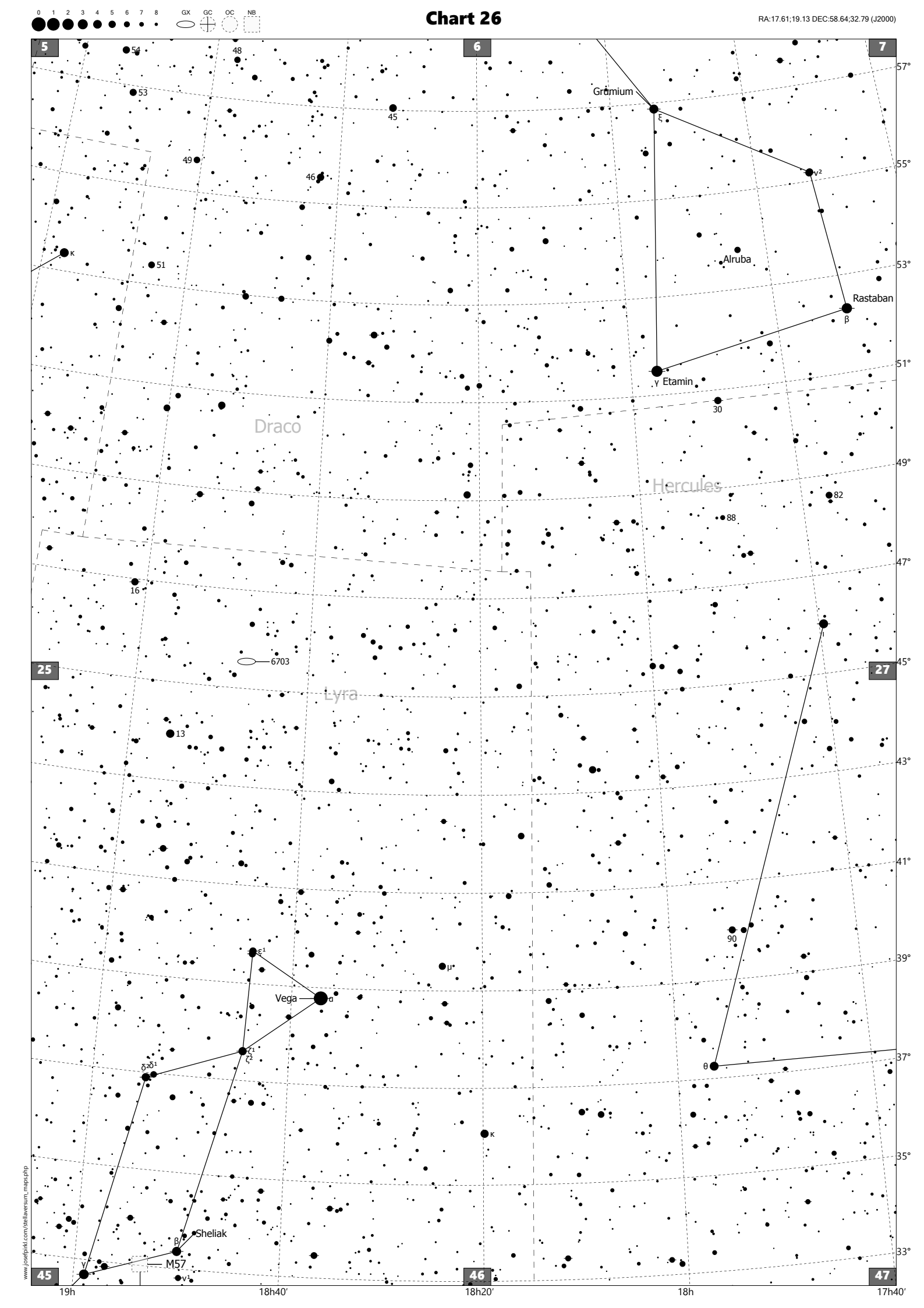

Chart 21
RA:23.33;0.85 DEC:80.00;55.64 (J2000)
0 1 2 3 4 5 6 7 8
GX GC OC NB
Cepheus
Cassiopeia
Errai
γ
Caph
β
Shedir
α
Achird
ε
Castula
υ²
υ¹
gamma Cas nebula
Gamma Cassiopeiae Nebula
IC59
IC63
Cih
Sailboat Cluster
225
IC10
PacMan Nebula
281
Cave Nebula
C9
Cassiopeia Salt-and-Pepper
M52
Bubble Nebula
7635
Col458
7762
7788
7790
7789
7510
1h
0h40'
0h20'
0h
23h40'
23h20'
76°
74°
72°
70°
68°
66°
64°
62°
60°
58°
56°
www.josefpirkl.com/stellaversum_maps.php


Chart 22
RA:22.48;0.00 DEC:58.64;32.79 (J2000)
0 1 2 3 4 5 6 7 8
GX GC OC NB
21
2
3
41
23
61
42
43
Cassiopeia
Lacerta
Andromeda
Pegasus
Babcock's star
IC1442
PK100-8.1
Blue Snowball
Veritate
7380
7235
7789
7226
7296
7686
7662
7640
7331
57°
55°
53°
51°
49°
47°
45°
43°
41°
39°
37°
35°
33°
23h40'
23h20'
23h
22h40'
www.josefpirkl.com/stellaversum_maps.php


Chart 23
RA:21.26;22.78 DEC:58.64;32.79 (J2000)
0 1 2 3 4 5 6 7 8
GX GC OC NB
2
3
4
22
24
42
43
44
57°
55°
53°
51°
49°
47°
45°
43°
41°
39°
37°
35°
33°
22h40′
22h20′
22h
21h40′
21h20′
Babcock's star
Lacerta
Cygnus
Fetus Nebula
IC1396
IC1442
IC1434
IC5146
Cocoon Nebula
PK100-8.1
Azelfafage
M39
7261
7235
7226
7245
7128
7296
7086
7031
7243
7067
IC1369
7082
7062
7209
7331
7063
ζ
ε
β
α
γ
ρ
σ
1
2
4
5
6
9
10
11
12
13
14
68
70
71
72
74
75
76
77
79


Chart 24
RA:20.04;21.56 DEC:58.64;32.79 (J2000)
0 1 2 3 4 5 6 7 8
GX GC OC NB
3
4
5
23
25
43
44
45
Cepheus
Cygnus
Fetus Nebula
7008
7128
7086
7031
M39
7067
7082
IC1369
7026
7062
7039
6996
North America Nebula
IC5070
6997
Pelican nebula
Deneb α
6866
6884
6766
IC5068B
IC5068C
IC5068
7044
7027
Col421
6910
IC1318
The Butterfly nebula
Col419
Sadr
γ
M29
Cooling Tower
6888
Crescent Nebula
IC4996
6883
6871
Gienah
ε
21h20′
21h
20h40′
20h20′
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Chart 25
RA:18.83;20.34 DEC:58.64;32.79 (J2000)
0 1 2 3 4 5 6 7 8
GX GC OC NB
4
5
6
24
26
44
45
46
Cygnus
Draco
Lyra
Blinking Planetary
Hole in a Cluster
δ Fawaris
Aladfar
Crescent Nebula
IC4996
Cygnus X-1
Col419
Sulafat
M57
6826
6884
6766
6811
6703
6866
6819
6888
6883
6871
6791
20h
19h40′
19h20′
19h
57°
55°
53°
51°
49°
47°
45°
43°
41°
39°
37°
35°
33°
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0 1 2 3 4 5 6 7 8
GX GC OC NB
Chart 26
RA:17.61;19.13 DEC:58.64;32.79 (J2000)
5
6
7
25
27
45
46
47
Grumium
Alruba
Rastaban
γ Etamin
Draco
Hercules
Lyra
Vega
Sheliak
M57
6703
19h
18h40′
18h20′
18h
17h40′
57°
55°
53°
51°
49°
47°
45°
43°
41°
39°
37°
35°
33°
www.josefpirkl.com/stellaversum_maps.php

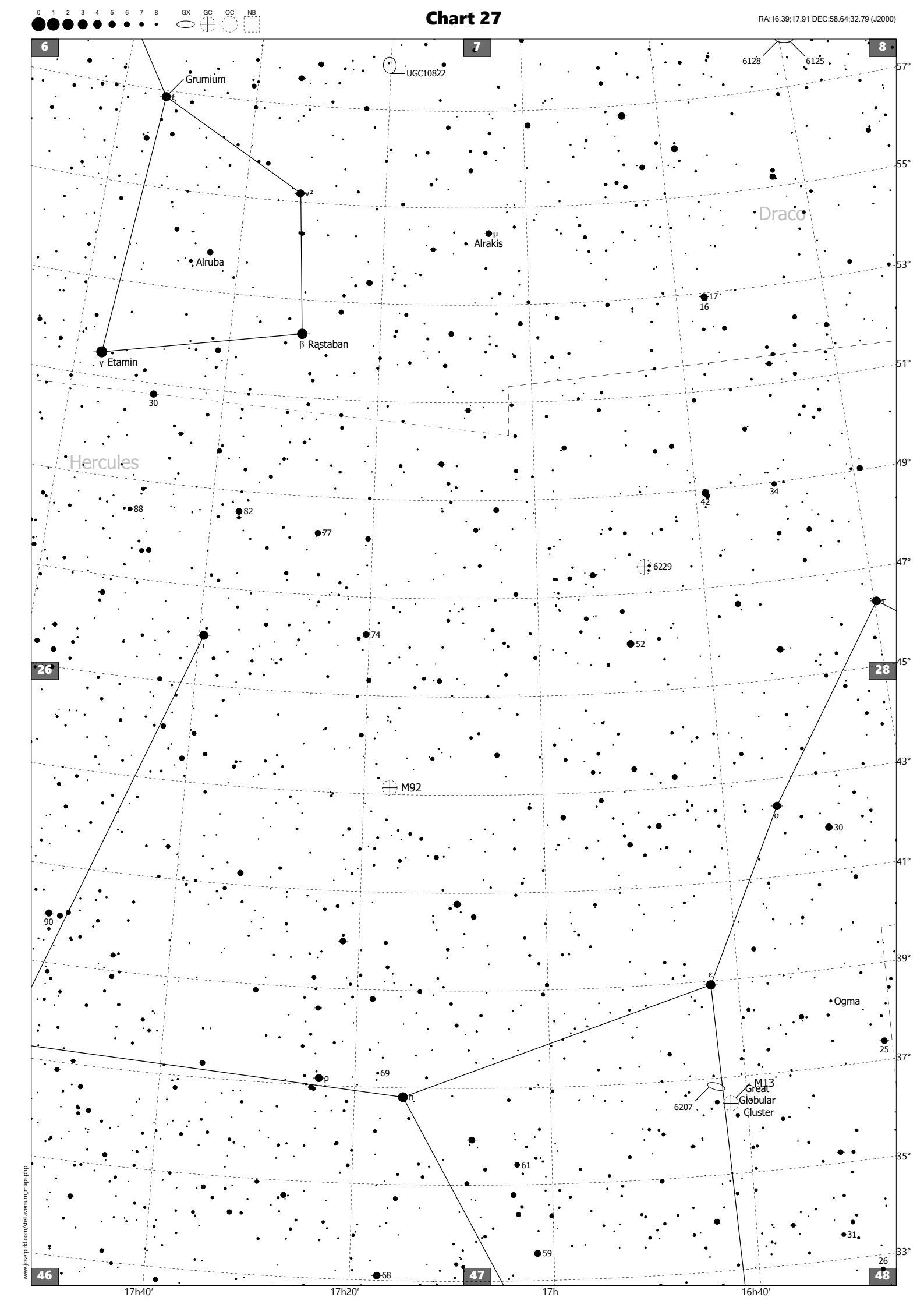
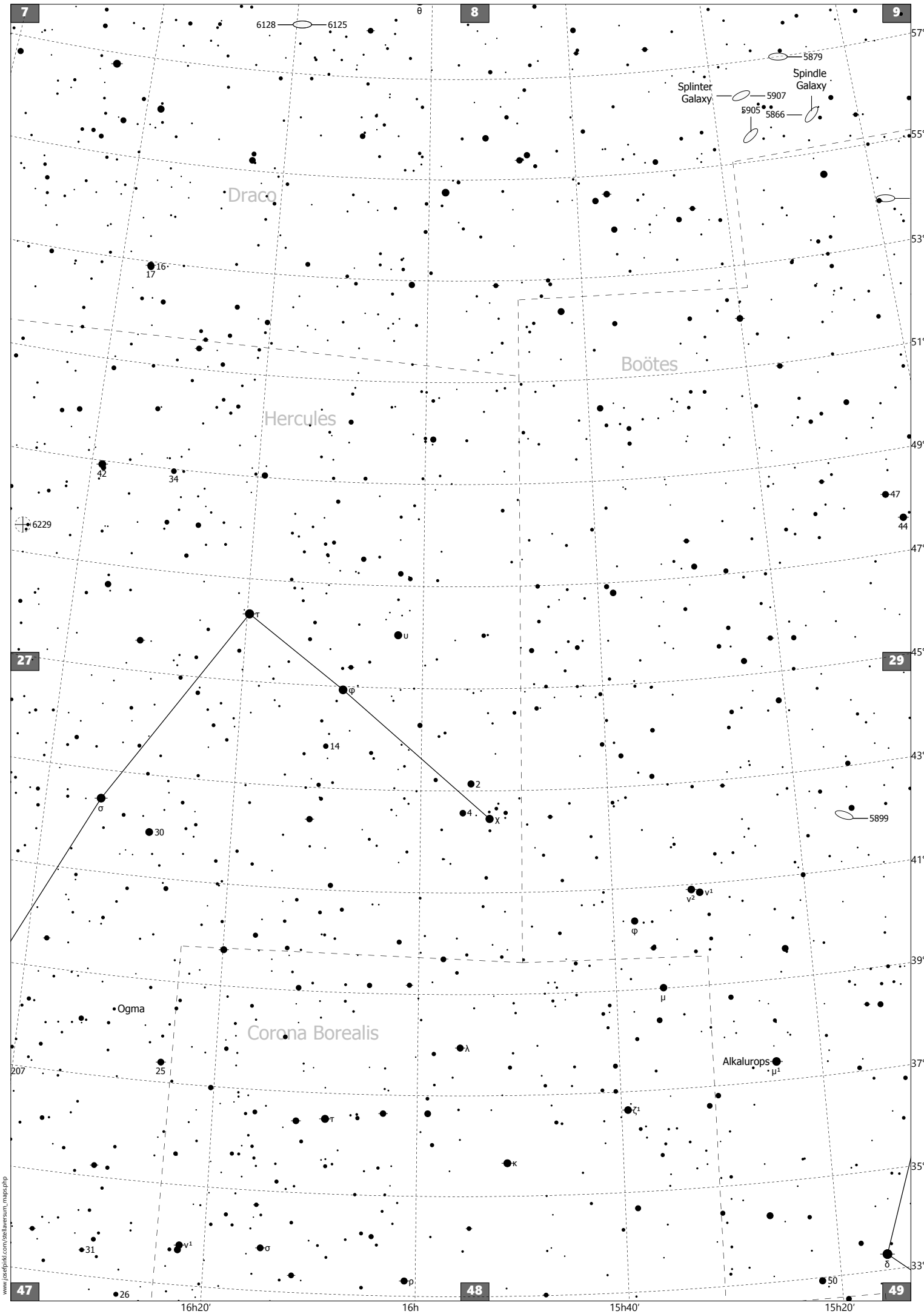
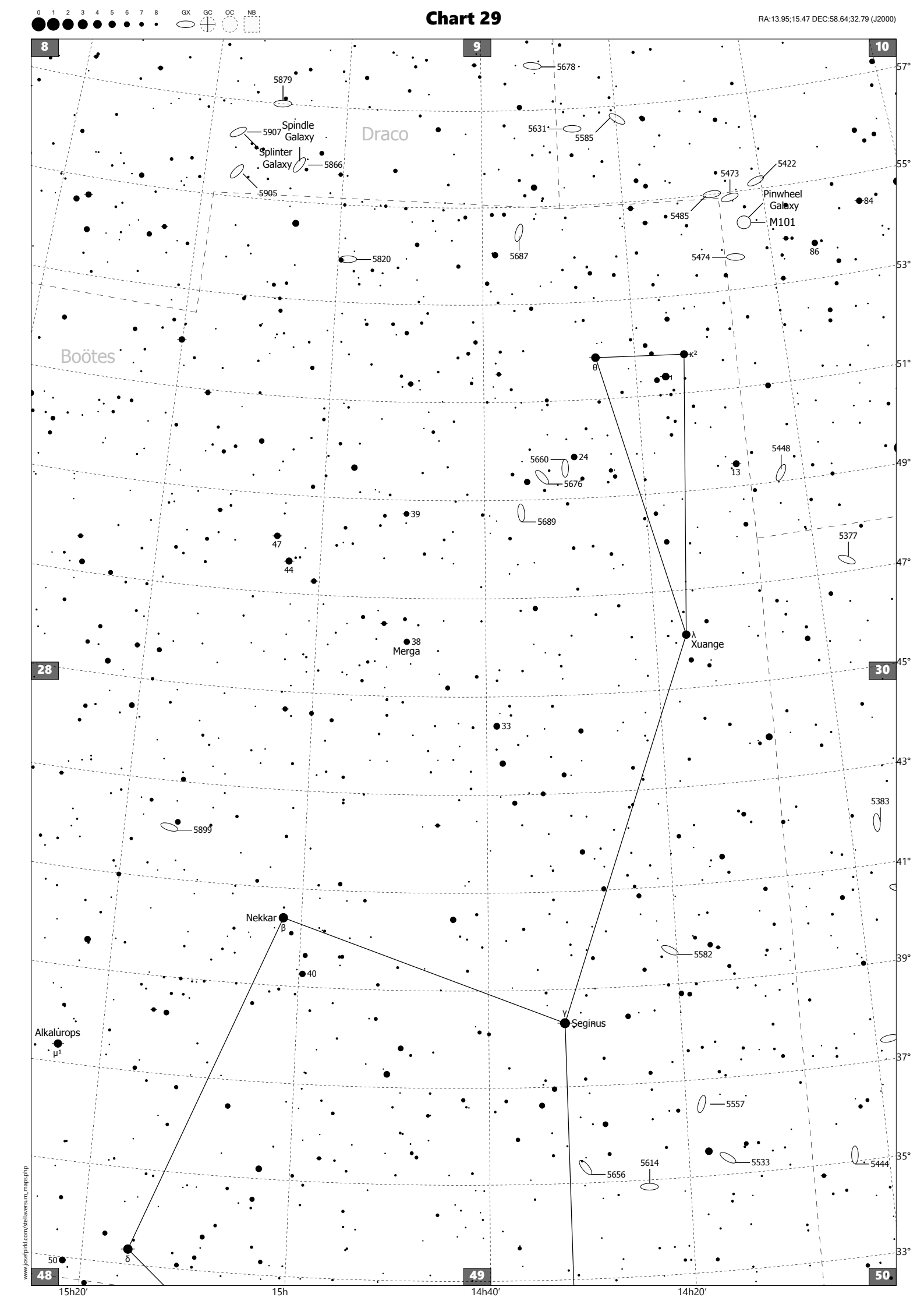

Chart 27
RA:16.39;17.91 DEC:58.64;32.79 (J2000)
0 1 2 3 4 5 6 7 8
GX GC OC NB
6
7
8
26
28
46
47
48
57°
55°
53°
51°
49°
47°
45°
43°
41°
39°
37°
35°
33°
17h40′
17h20′
17h
16h40′
Grumium
ξ
UGC10822
6128
6125
ν²
Draco
μ
Alrakis
Alruba
17
16
β Rastaban
γ Etamin
30
Hercules
88
82
77
42
34
6229
74
52
τ
M92
σ
30
90
ε
Ogma
25
ρ
69
η
M13
Great
Globular
Cluster
6207
61
31
59
26
68
www.jsefpirkl.com/stellaversum_maps.php

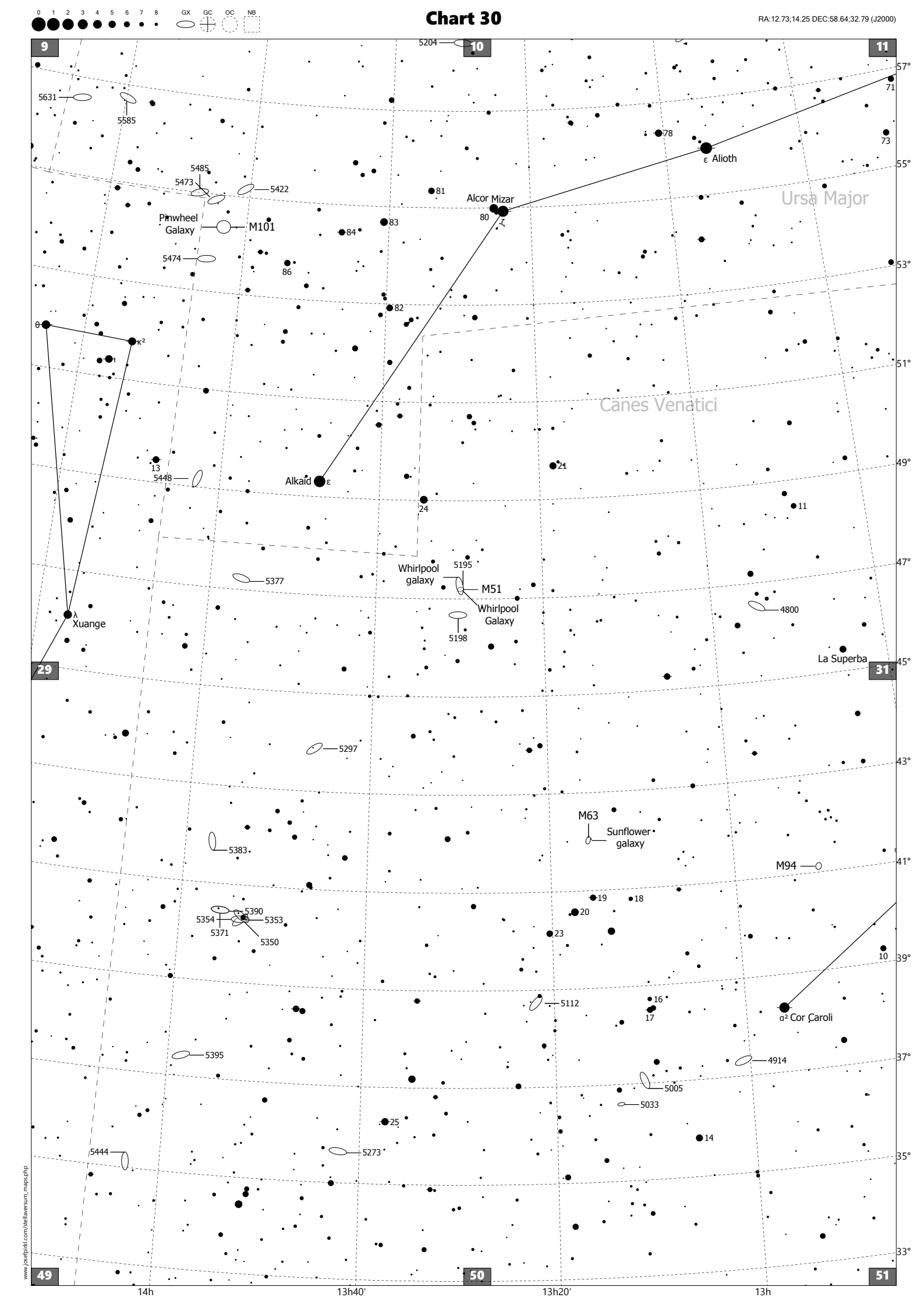
Chart 28

RA:15.17;16.69 DEC:58.64;32.79 (J2000)



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Chart 29
RA:13.95;15.47 DEC:58.64;32.79 (J2000)
0 1 2 3 4 5 6 7 8
GX GC OC NB
8
9
10
28
30
48
49
50
57°
55°
53°
51°
49°
47°
45°
43°
41°
39°
37°
35°
33°
15h20′
15h
14h40′
14h20′
Draco
Boötes
Spindle Galaxy
Splinter Galaxy
Pinwheel Galaxy
M101
Xuange
Merga
Nekkar
Seginus
Alkalurops
5879
5907
5866
5905
5678
5631
5585
5422
5473
5485
84
86
5687
5820
5474
5660
24
5676
13
5448
5689
39
47
44
5377
38
33
5899
5383
40
5582
5557
5533
5614
5656
5444
50
β
γ
δ
μ¹
κ²
θ
λ
www.jolefpirkl.com/stellaversum_maps.php


Chart 30
RA:12.73;14.25 DEC:58.64;32.79 (J2000)
0 1 2 3 4 5 6 7 8
GX GC OC NB
9
10
11
29
31
49
50
51
5204
5631
5585
5485
5473
5422
81
Alcor Mizar
80
ζ
78
ε Alioth
71
73
Ursa Major
Pinwheel Galaxy
M101
84
83
5474
86
82
θ
κ²
1
Canes Venatici
13
5448
Alkaid ε
21
24
11
Whirlpool galaxy
5195
M51
Whirlpool Galaxy
5198
5377
4800
λ Xuange
La Superba
5297
M63
Sunflower galaxy
5383
M94
19
18
20
5390
5354
5353
5371
5350
23
10
5112
16
17
α² Cor Caroli
5395
4914
5005
5033
25
14
5444
5273
57°
55°
53°
51°
49°
47°
45°
43°
41°
39°
37°
35°
33°
14h
13h40'
13h20'
13h
www.jsfdpinkl.com/stellaversum_maps.php