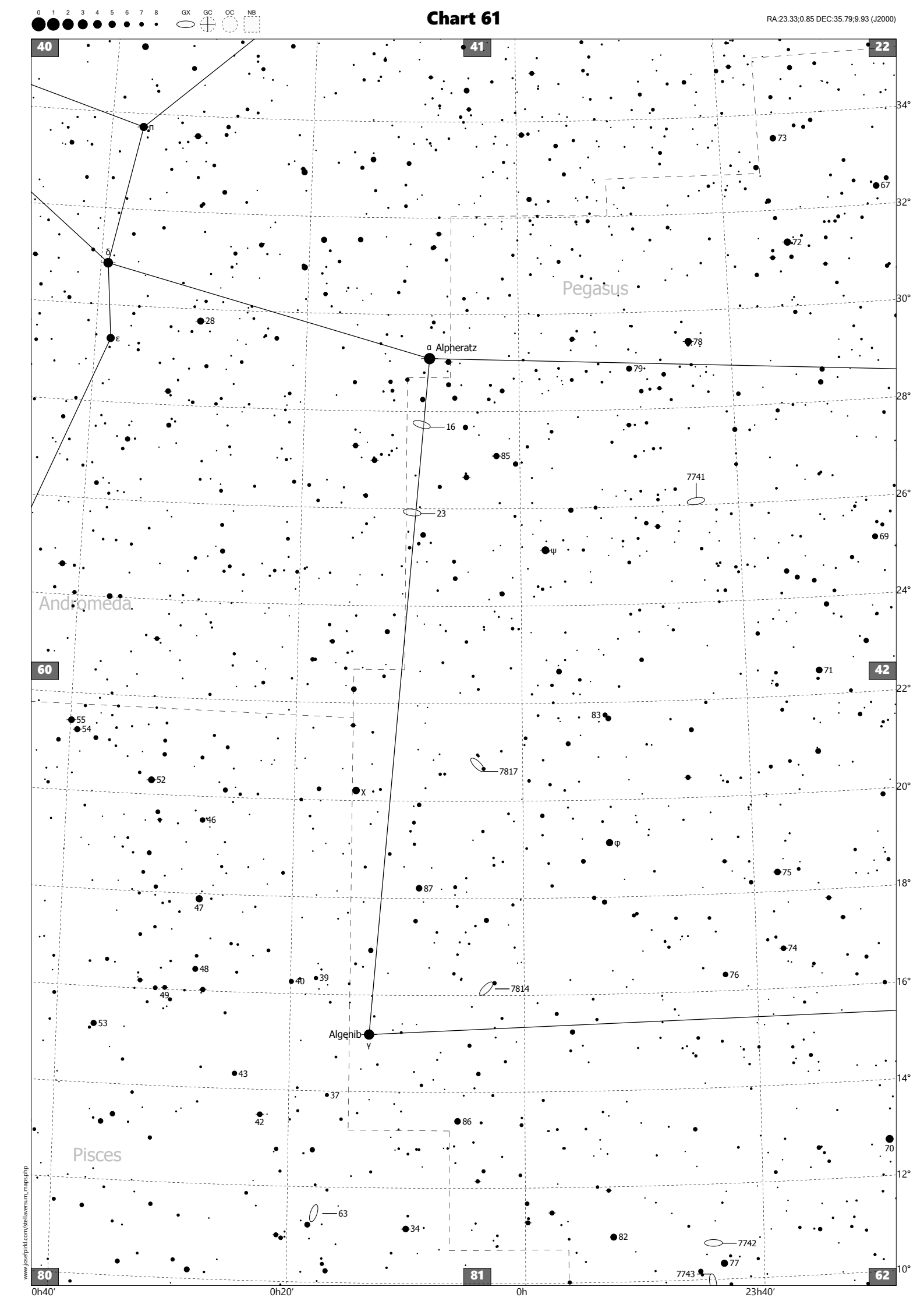

Chart 61
RA:23.33;0.85 DEC:35.79;9.93 (J2000)
0 1 2 3 4 5 6 7 8
GX GC OC NB
40
41
22
60
42
80
81
62
Pegasus
Andromeda
Pisces
Alpheratz
Algenib
73
67
72
28
78
79
16
85
7741
23
69
71
83
55
54
52
7817
46
75
87
47
74
48
40
39
76
7814
49
53
43
37
42
86
70
63
34
82
7742
77
7743
0h40'
0h20'
0h
23h40'
34°
32°
30°
28°
26°
24°
22°
20°
18°
16°
14°
12°
10°
www.josefpirkl.com/stellaversum_maps.php

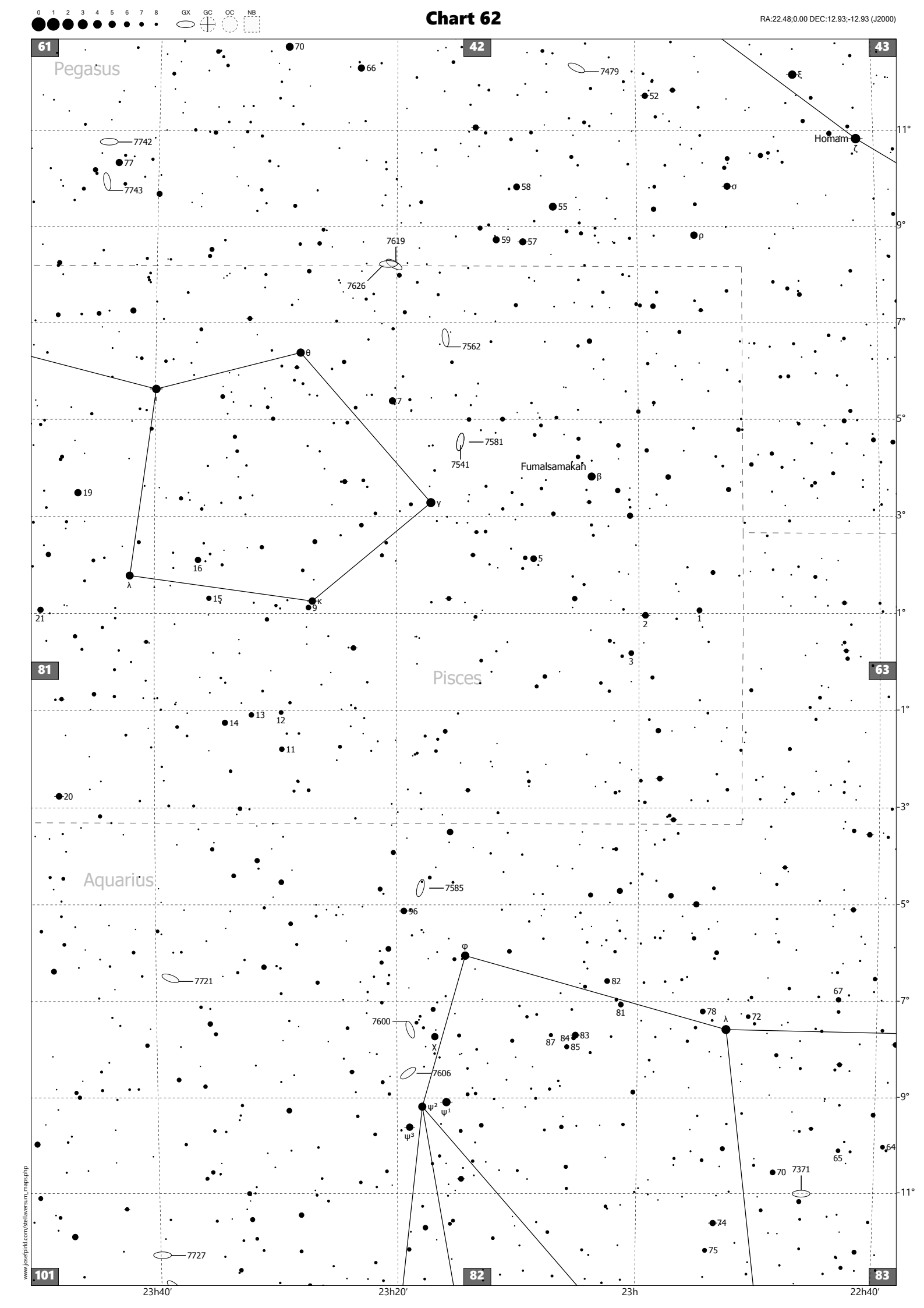
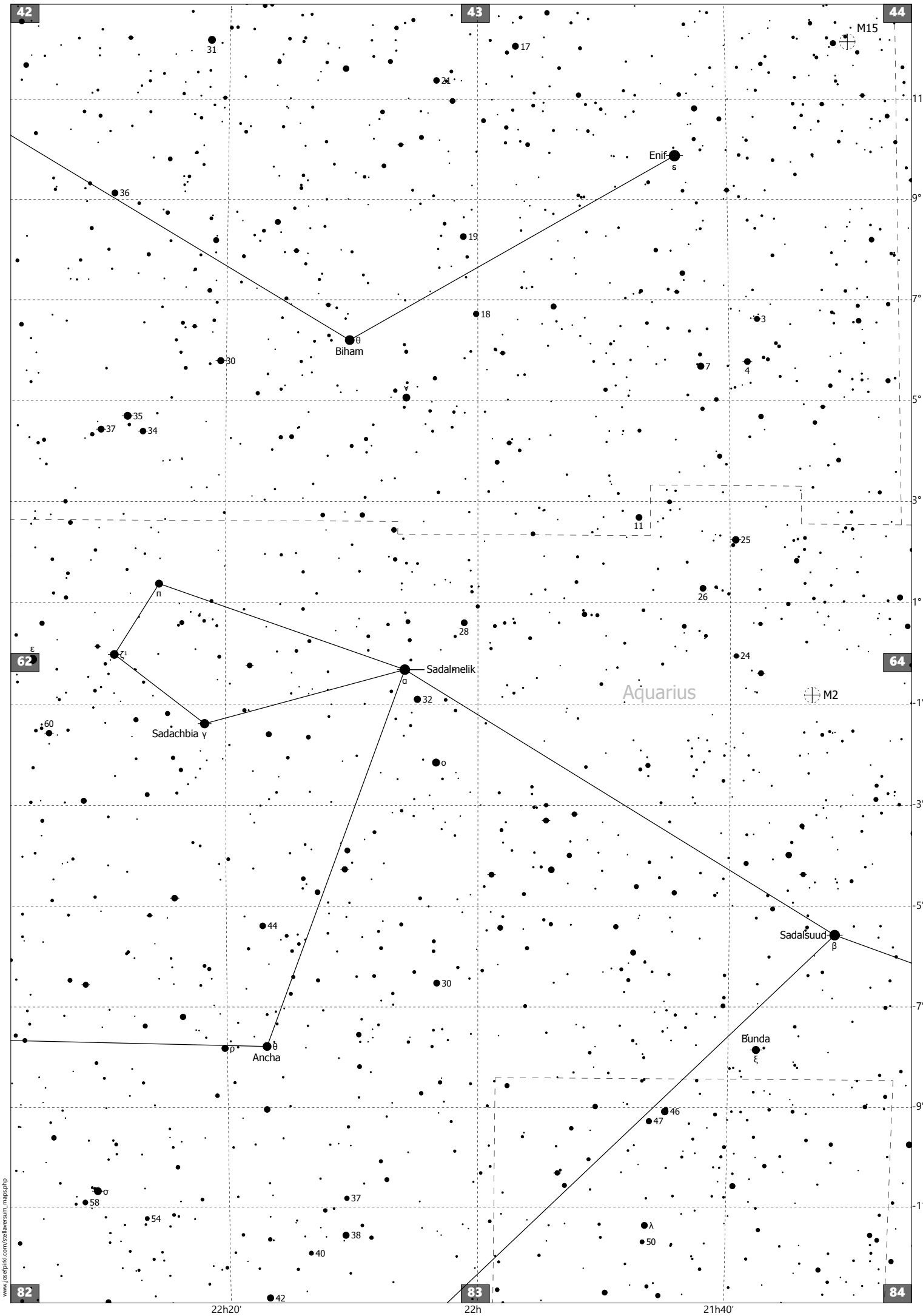
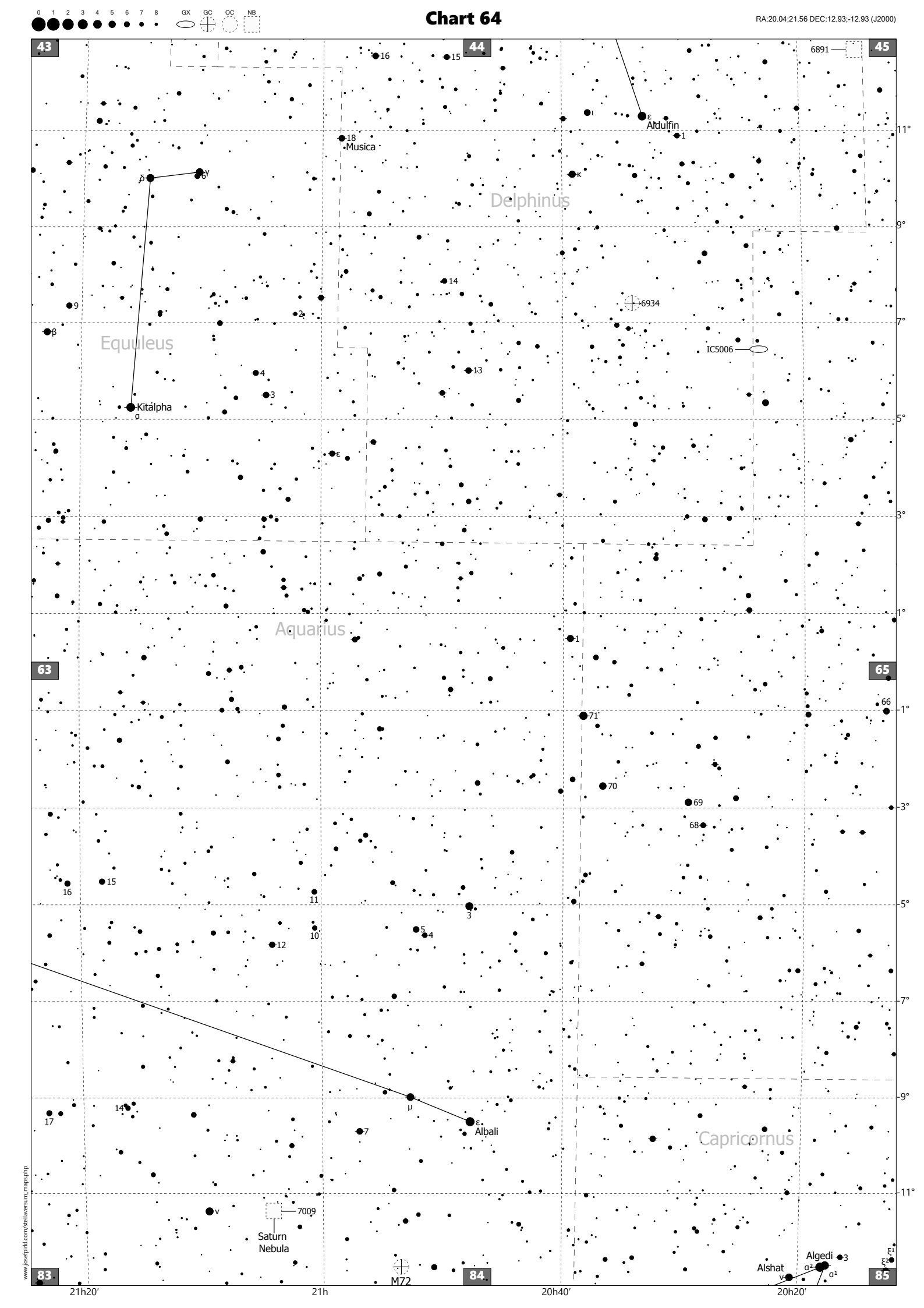

Chart 62
RA:22.48;0.00 DEC:12.93;-12.93 (J2000)
0 1 2 3 4 5 6 7 8
GX GC OC NB
61
42
43
81
63
101
82
83
Pegasus
Pisces
Aquarius
Fumalsamakah
Homam
70
66
7479
52
ξ
ζ
7742
77
7743
58
55
σ
59
57
ρ
7619
7626
7562
θ
7
γ
7581
7541
β
19
16
λ
15
κ
9
5
21
2
1
3
14
13
12
11
20
7585
96
Φ
7721
82
81
67
78
λ
72
7600
χ
87
84
83
85
7606
ψ²
ψ¹
ψ³
64
65
70
7371
74
75
7727
23h40'
23h20'
23h
22h40'
11°
9°
7°
5°
3°
1°
1°
3°
5°
7°
9°
11°
www.josefpirkl.com/stellaversum_maps.php

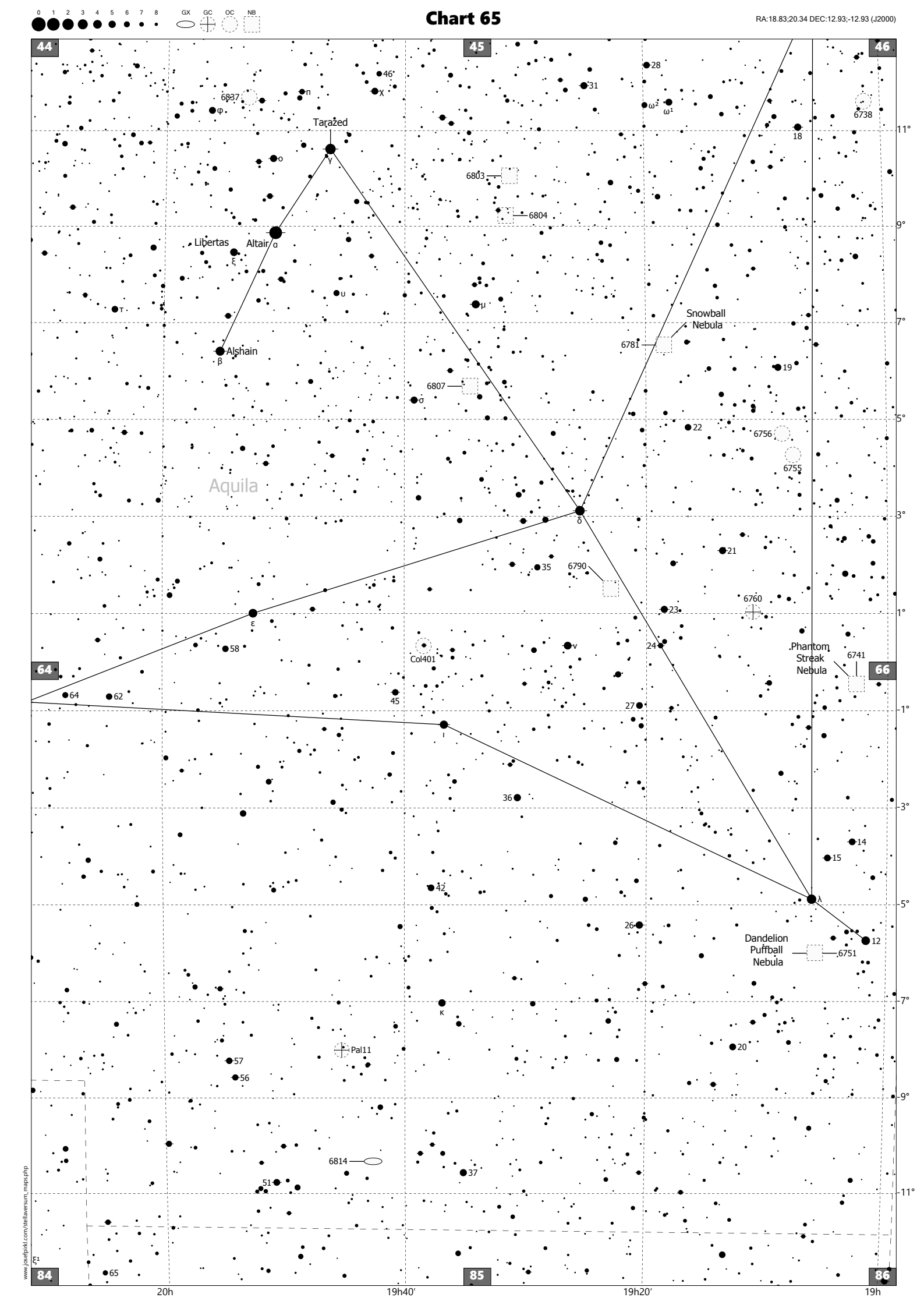
Chart 63

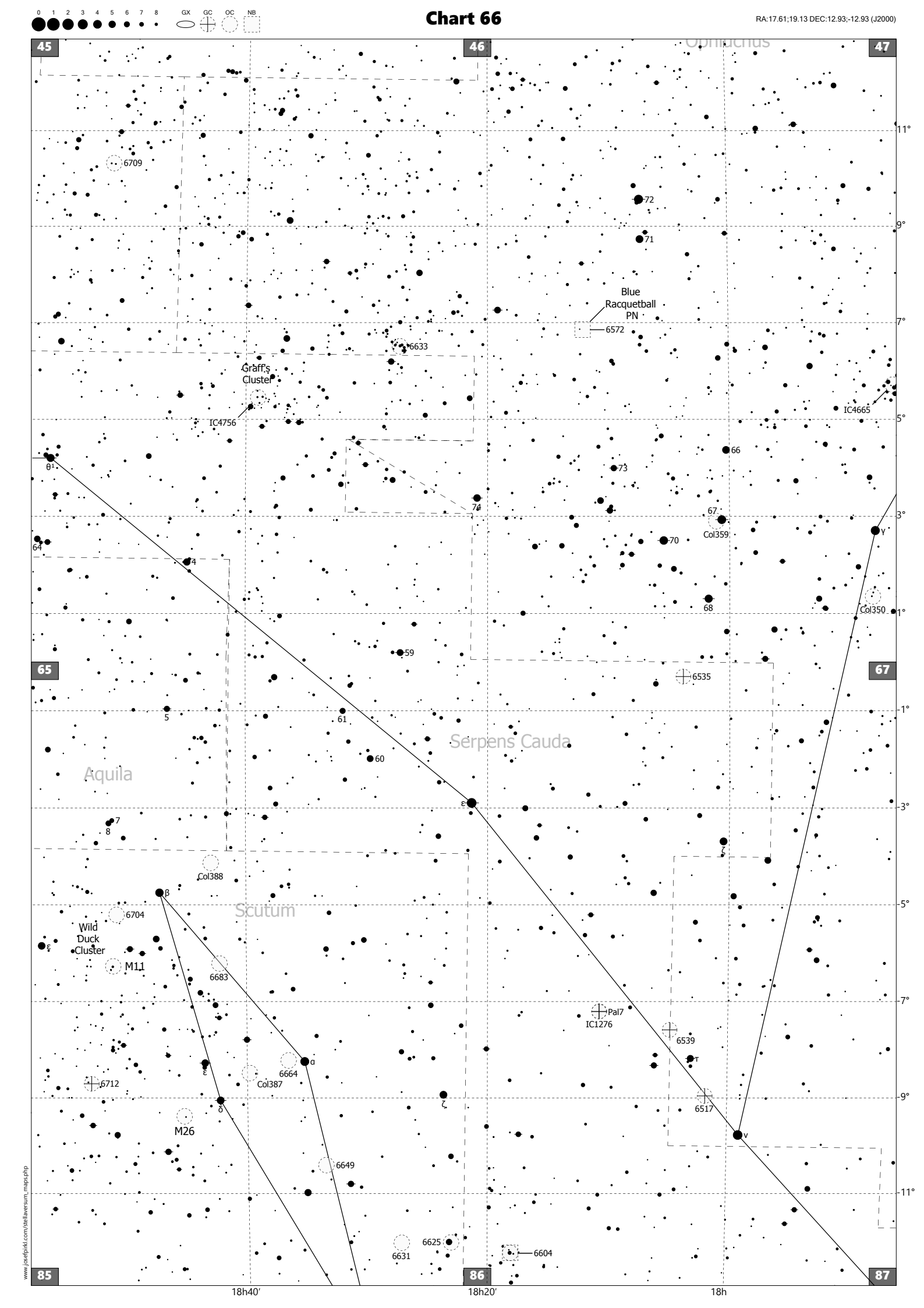
RA:21.26;22.78 DEC:12.93;-12.93 (J2000)



www.josefpirkl.com/stellaversum_maps.php


Chart 64
RA:20.04;21.56 DEC:12.93;-12.93 (J2000)
0 1 2 3 4 5 6 7 8
GX GC OC NB
43
44
45
63
65
83
84
85
Delphinus
Equuleus
Aquarius
Capricornus
Musica
Altulfin
Kitalpha
Albali
Saturn Nebula
M72
Algedi
Alshat
6891
6934
IC5006
7009
11°
9°
7°
5°
3°
1°
1°
3°
5°
7°
9°
11°
21h20'
21h
20h40'
20h20'
www.jsefpirkl.com/stellaversum_maps.php


Chart 65
RA:18.83;20.34 DEC:12.93;-12.93 (J2000)
0 1 2 3 4 5 6 7 8
GX GC OC NB
44
45
46
64
66
84
85
86
Tarazed
Altair
Libertas
Alshain
Aquila
Snowball Nebula
Phantom Streak Nebula
Dandelion Puffball Nebula
Col401
Pal11
6738
6803
6804
6781
6807
6756
6755
6790
6760
6741
6751
6814
11°
9°
7°
5°
3°
1°
1°
3°
5°
7°
9°
11°
20h
19h40'
19h20'
19h
www.josefpirkl.com/stellaversum_maps.php


Chart 66
RA:17.61;19.13 DEC:12.93;-12.93 (J2000)
0 1 2 3 4 5 6 7 8
GX GC OC NB
45
46
47
65
67
85
86
87
Ophiuchus
Serpens Cauda
Aquila
Scutum
6709
72
71
Blue
Racquetball
PN
6572
6633
Graff's
Cluster
IC4756
IC4665
66
73
74
67
Col359
70
64
68
Col350
59
6535
5
61
60
7
8
Col388
6704
Wild
Duck
Cluster
M11
6683
Pal7
IC1276
6539
6664
Col387
6712
6517
M26
6649
6631
6625
6604
18h40'
18h20'
18h
11°
9°
7°
5°
3°
1°
1°
3°
5°
7°
9°
11°
www.jsefpirkl.com/stellaversum_maps.php

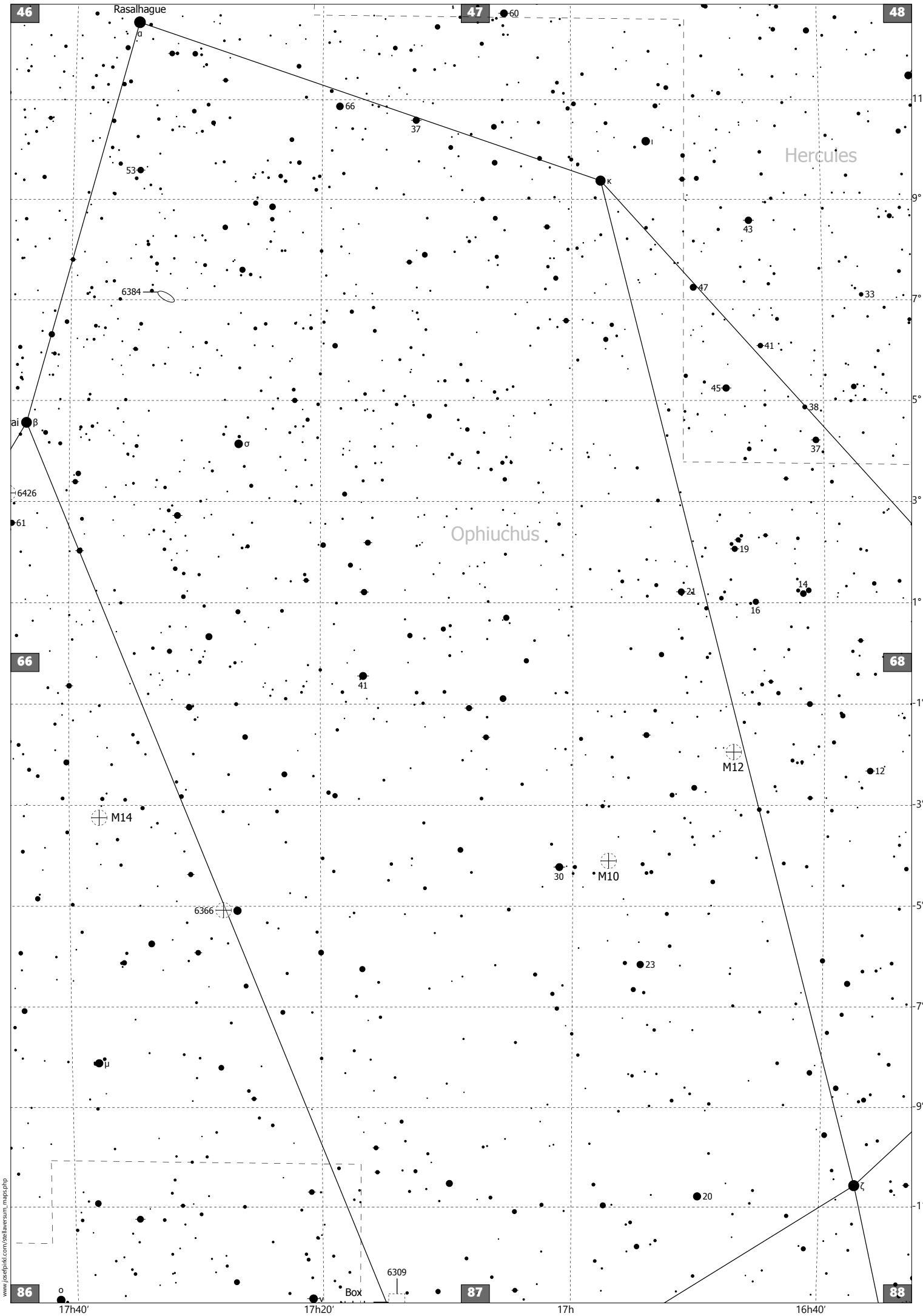
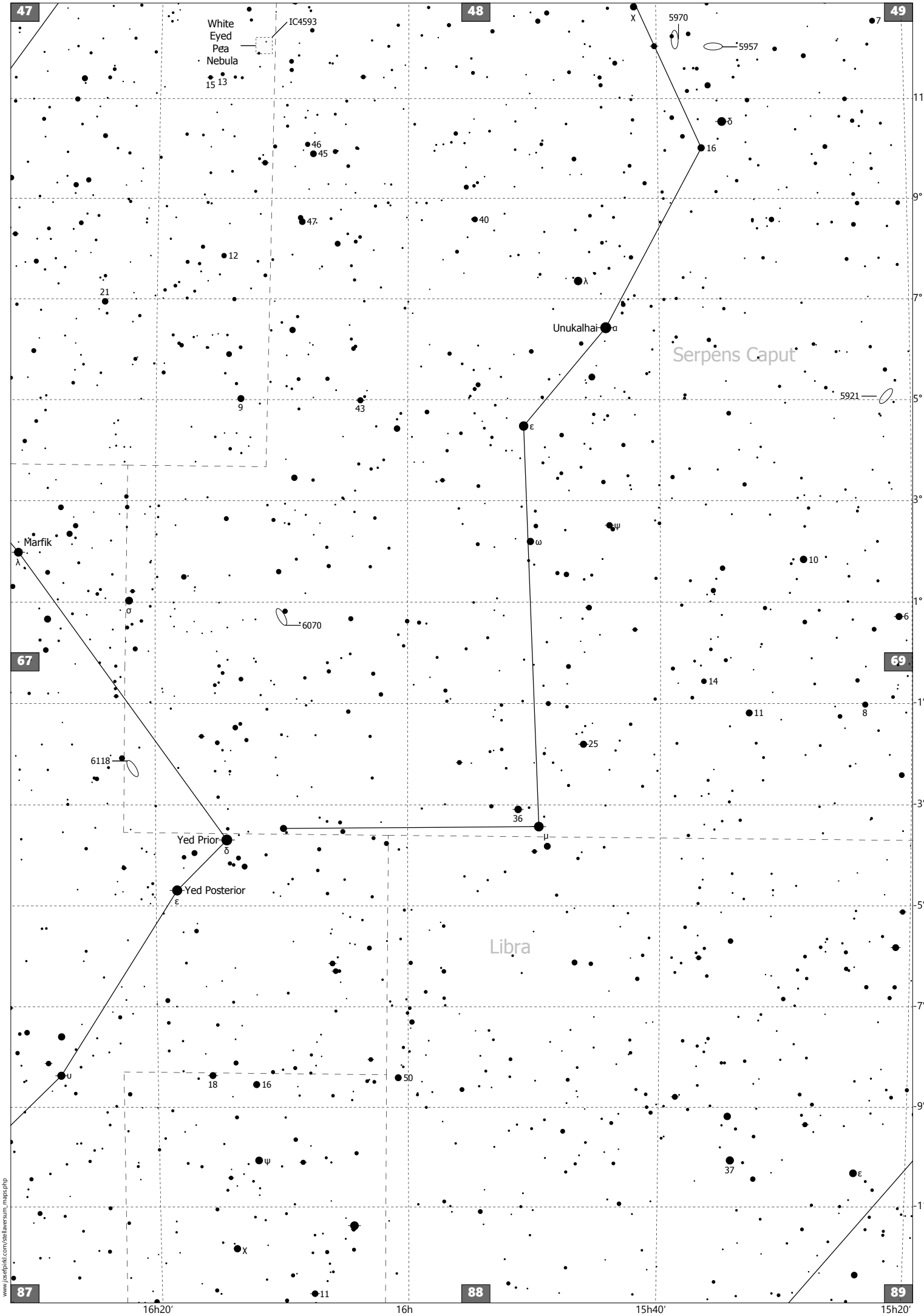

Chart 67
RA:16.39;17.91 DEC:12.93;-12.93 (J2000)
0 1 2 3 4 5 6 7 8
GX GC OC NB
46
47
48
66
68
86
87
88
Rasalhague
α
60
66
37
53
κ
Hercules
43
6384
47
33
41
45
38
37
ai
β
σ
6426
61
Ophiuchus
19
21
14
16
41
M12
12
M14
30
M10
6366
23
μ
20
ζ
6309
Box
o
ν
11°
9°
7°
5°
3°
1°
1°
3°
5°
7°
9°
11°
17h40′
17h20′
17h
16h40′
www.josefpirkl.com/stellaversum_maps.php

Chart 68

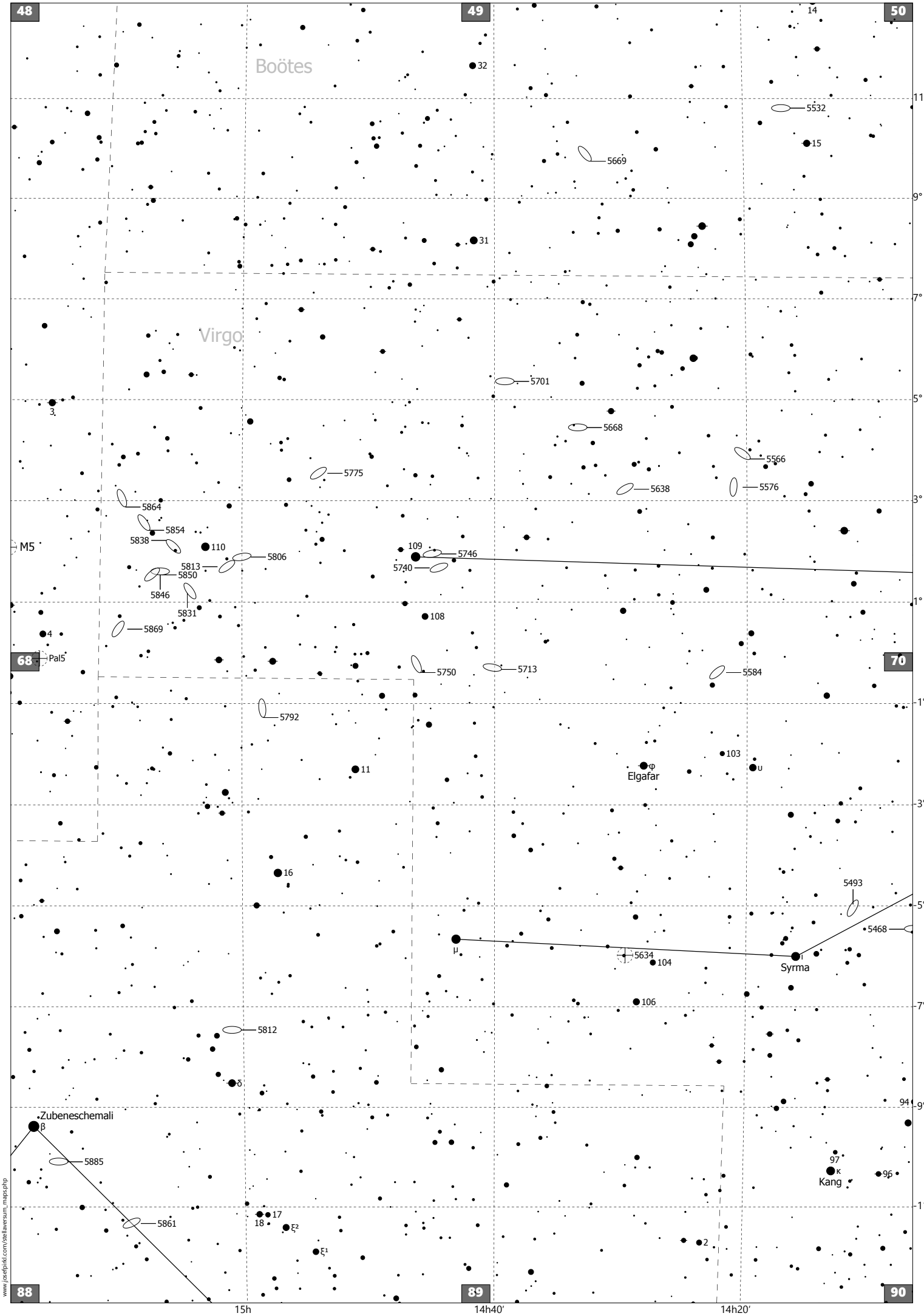
RA:15.17;16.69 DEC:12.93;-12.93 (J2000)



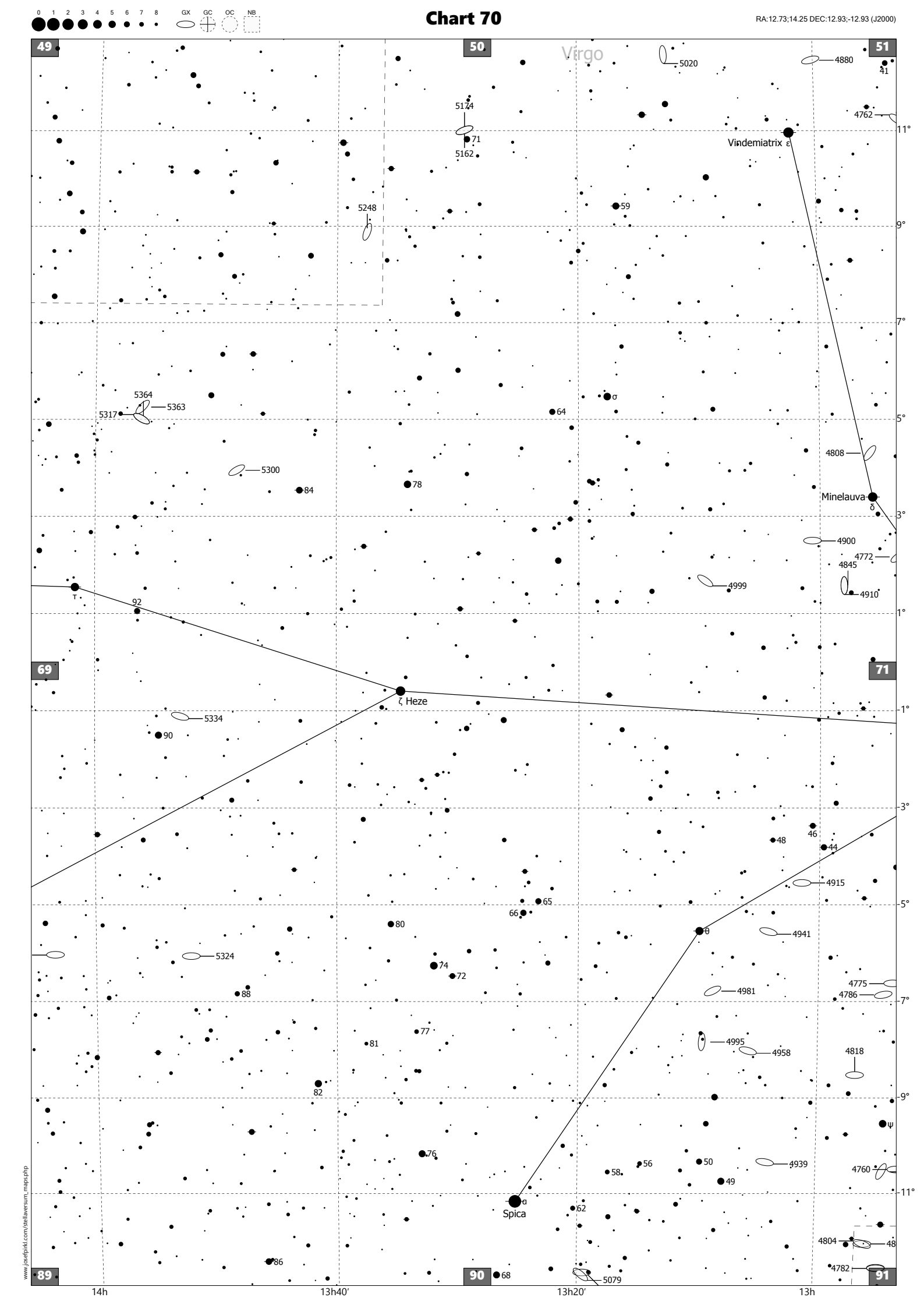
www.jsdfpirkl.com/stellaversum_maps.php

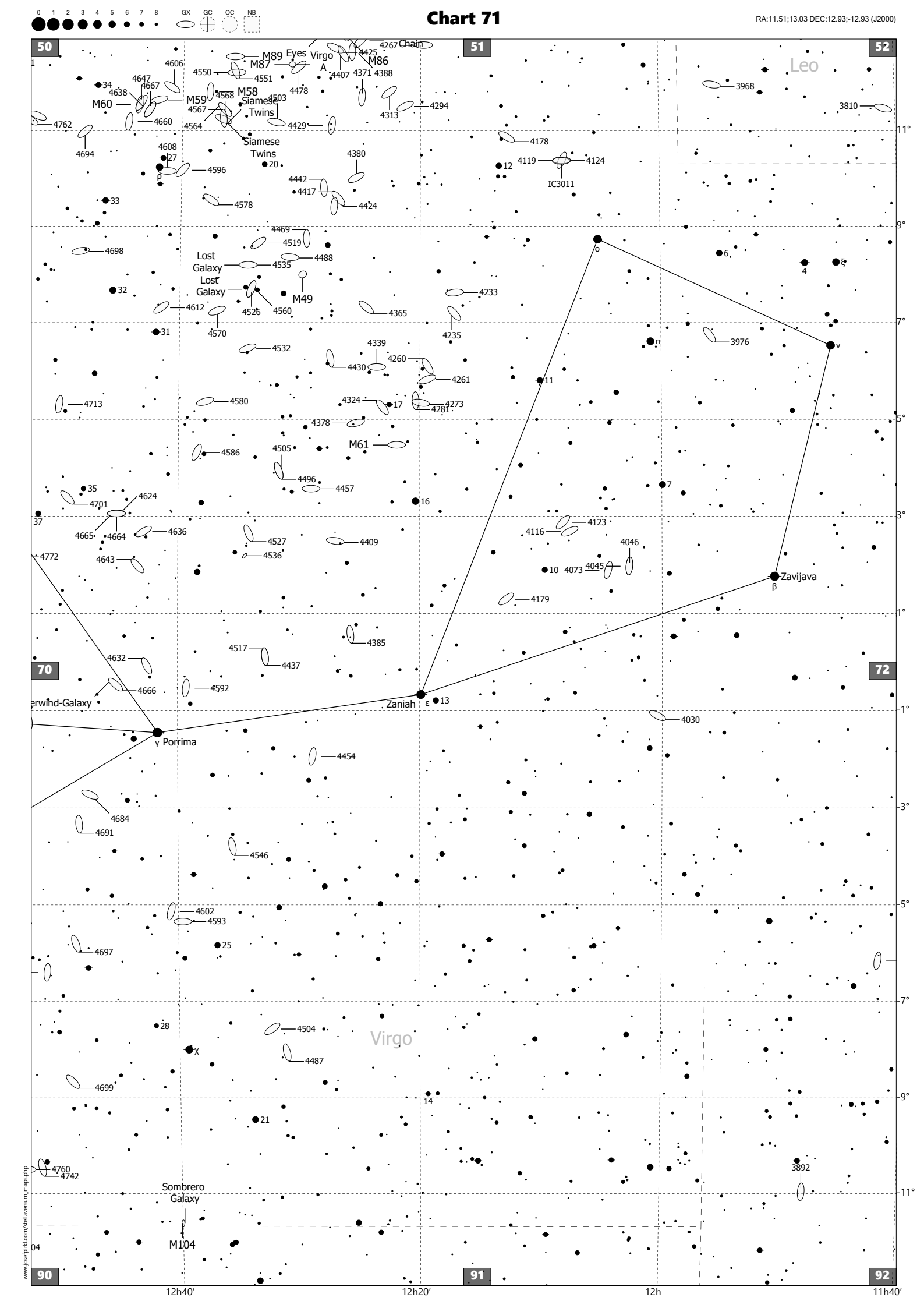
Chart 69

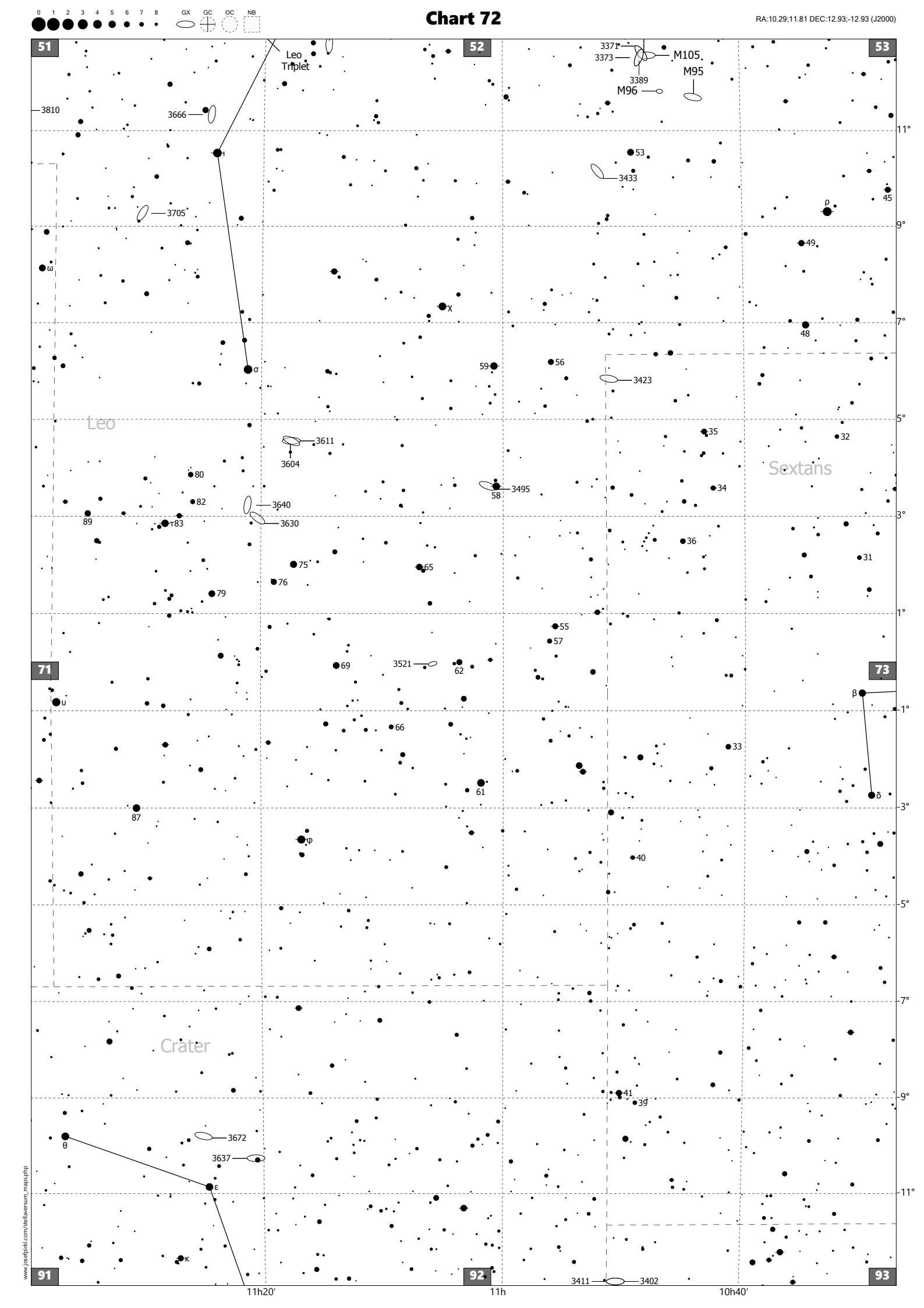
RA:13.95;15.47 DEC:12.93;-12.93 (J2000)

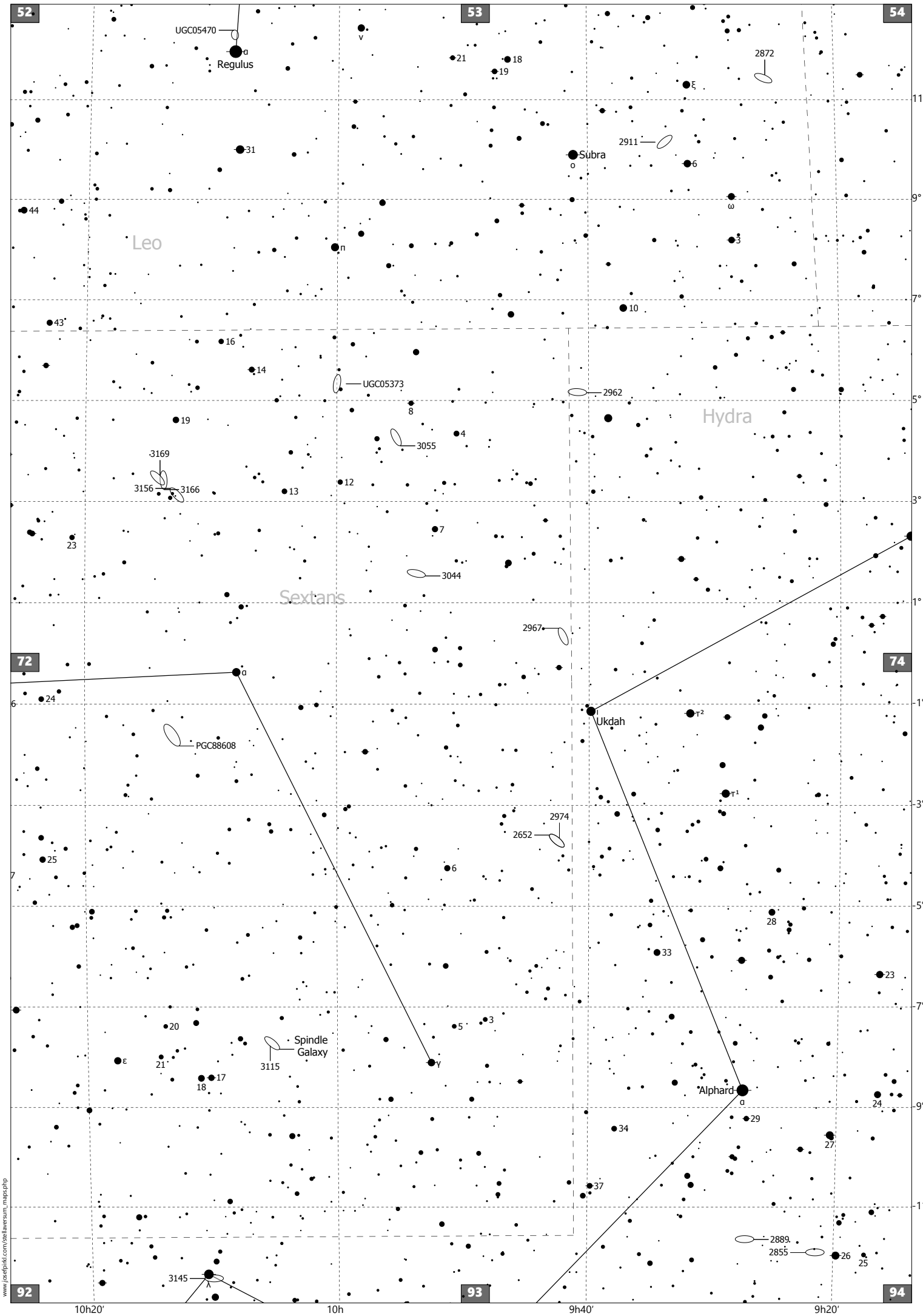


www.josefpirkl.com/stellaversum_maps.php


Chart 70
RA:12.73;14.25 DEC:12.93;-12.93 (J2000)
0 1 2 3 4 5 6 7 8
GX GC OC NB
49
50
51
Virgo
5020
4880
41
5174
71
5162
4762
Vindemiatrix ε
11°
5248
59
9°
7°
5364
5363
5317
σ
64
5°
4808
5300
84
78
Minelauva
δ
3°
4900
4772
4845
4910
4999
τ
92
1°
69
71
ζ Heze
1°
5334
90
3°
48
46
44
4915
5°
66
65
80
θ
4941
5324
74
72
4775
4786
88
4981
7°
77
4995
4958
4818
81
82
9°
ψ
76
56
50
4939
4760
58
49
11°
Spica
62
4804
48
4782
86
89
90
68
5079
91
14h
13h40'
13h20'
13h
www.jsefpirkl.com/stellaversum_maps.php


Chart 71
RA:11.51;13.03 DEC:12.93;-12.93 (J2000)
0 1 2 3 4 5 6 7 8
GX GC OC NB
50
51
52
70
72
90
91
92
Leo
Virgo
M89
M87
Eyes
Virgo
A
M86
Chain
M60
M59
M58
Siamese
Twins
Siamese
Twins
Lost
Galaxy
Lost
Galaxy
M49
M61
IC3011
Zavijava
β
Zaniah
ε
γ Porrima
erwind-Galaxy
Sombrero
Galaxy
M104
12h40'
12h20'
12h
11h40'
11°
9°
7°
5°
3°
1°
1°
3°
5°
7°
9°
11°


Chart 72
RA:10.29;11.81 DEC:12.93;-12.93 (J2000)
0 1 2 3 4 5 6 7 8
GX GC OC NB
51
52
53
71
73
91
92
93
Leo Triplet
M105
M95
M96
3371
3373
3389
3810
3666
3705
3433
3423
3611
3604
3495
3640
3630
3521
3672
3637
3411
3402
Leo
Sextans
Crater
11°
9°
7°
5°
3°
1°
1°
3°
5°
7°
9°
11°
11h20′
11h
10h40′
www.jsefpirkl.com/stellaversum_maps.php


Chart 73
RA:9.08;10.59 DEC:12.93;-12.93 (J2000)
0 1 2 3 4 5 6 7 8
GX GC OC NB
52
53
54
72
74
92
93
94
UGC05470
Regulus
Leo
Subra
2872
2911
UGC05373
2962
Hydra
3055
3169
3156
3166
3044
Sextans
2967
PGC88608
Ukdah
2974
2652
Spindle Galaxy
3115
Alphard
2889
2855
3145
10h20′
10h
9h40′
9h20′
11°
9°
7°
5°
3°
1°
www.josefpirkl.com/stellaversum_maps.php

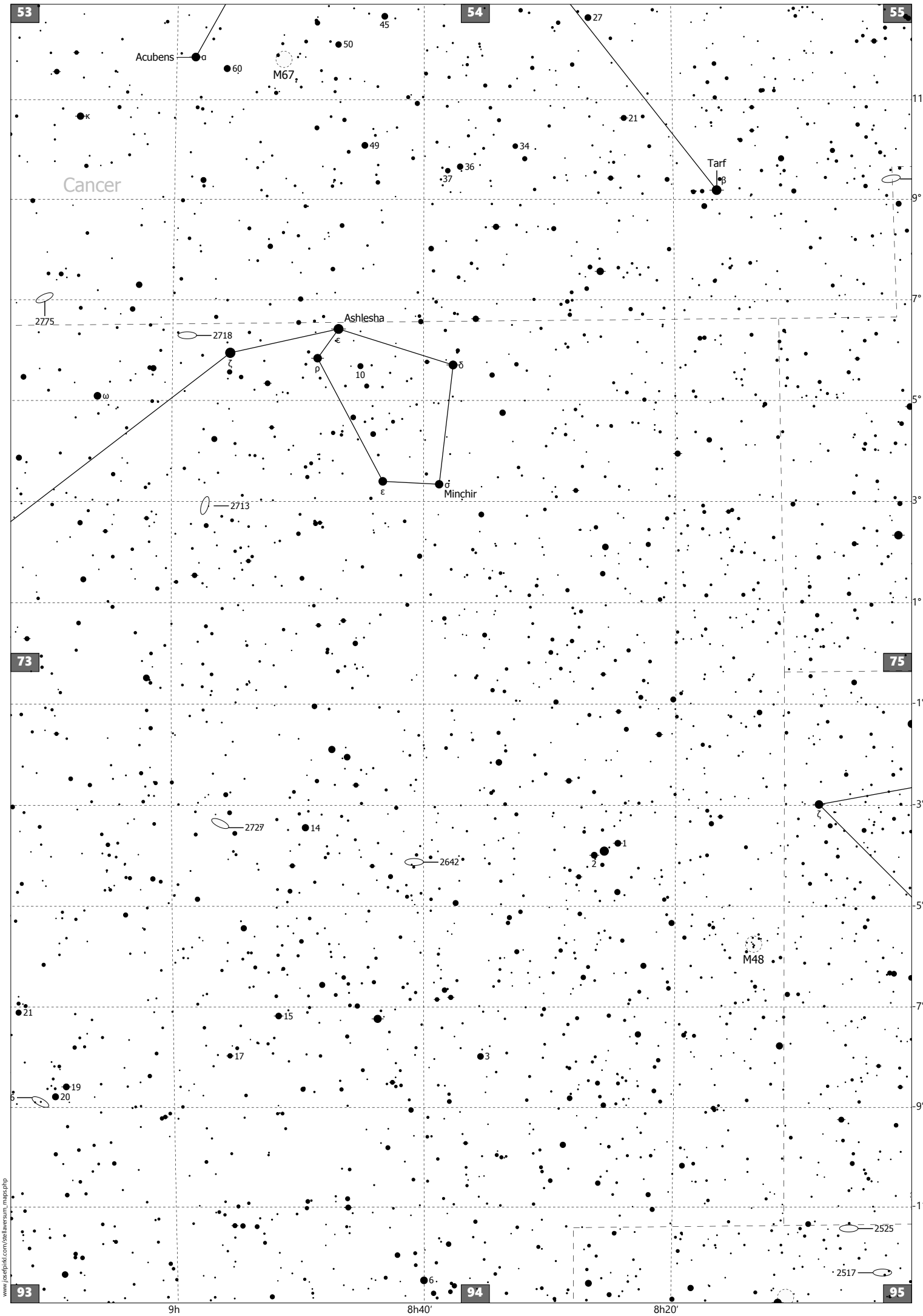

0 1 2 3 4 5 6 7 8
GX GC OC NB
Chart 74
RA:7.86;9.38 DEC:12.93;-12.93 (J2000)
53
54
55
73
75
93
94
95
Cancer
Acubens
α
M67
Tarf
β
Ashlesha
Minchir
2775
2718
2713
2727
2642
M48
2525
2517
9h
8h40′
8h20′
www.jsefipirkl.com/stellaversum_maps.php

Chart 75

RA:6.64;8.16 DEC:12.93;-12.93 (J2000)

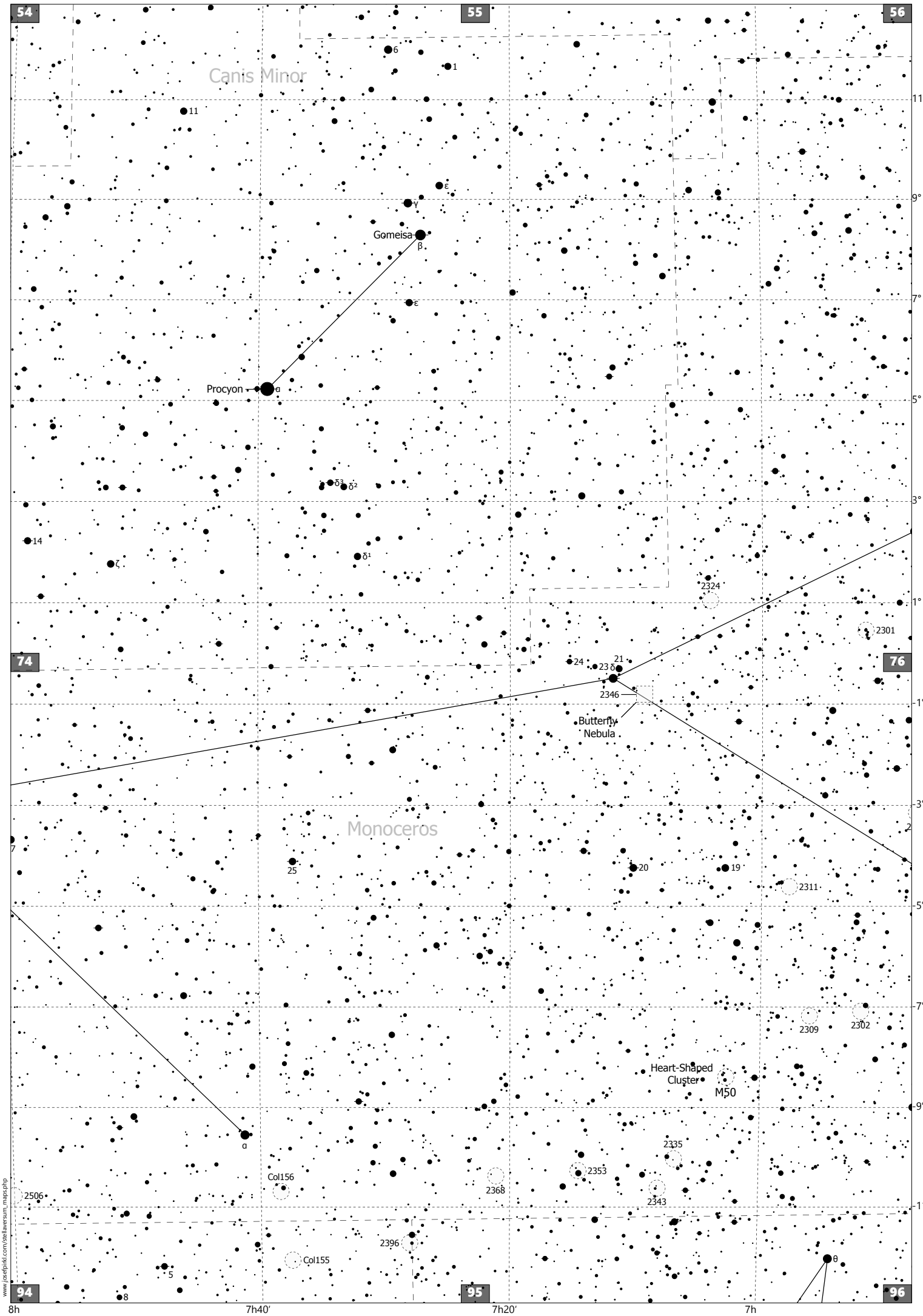
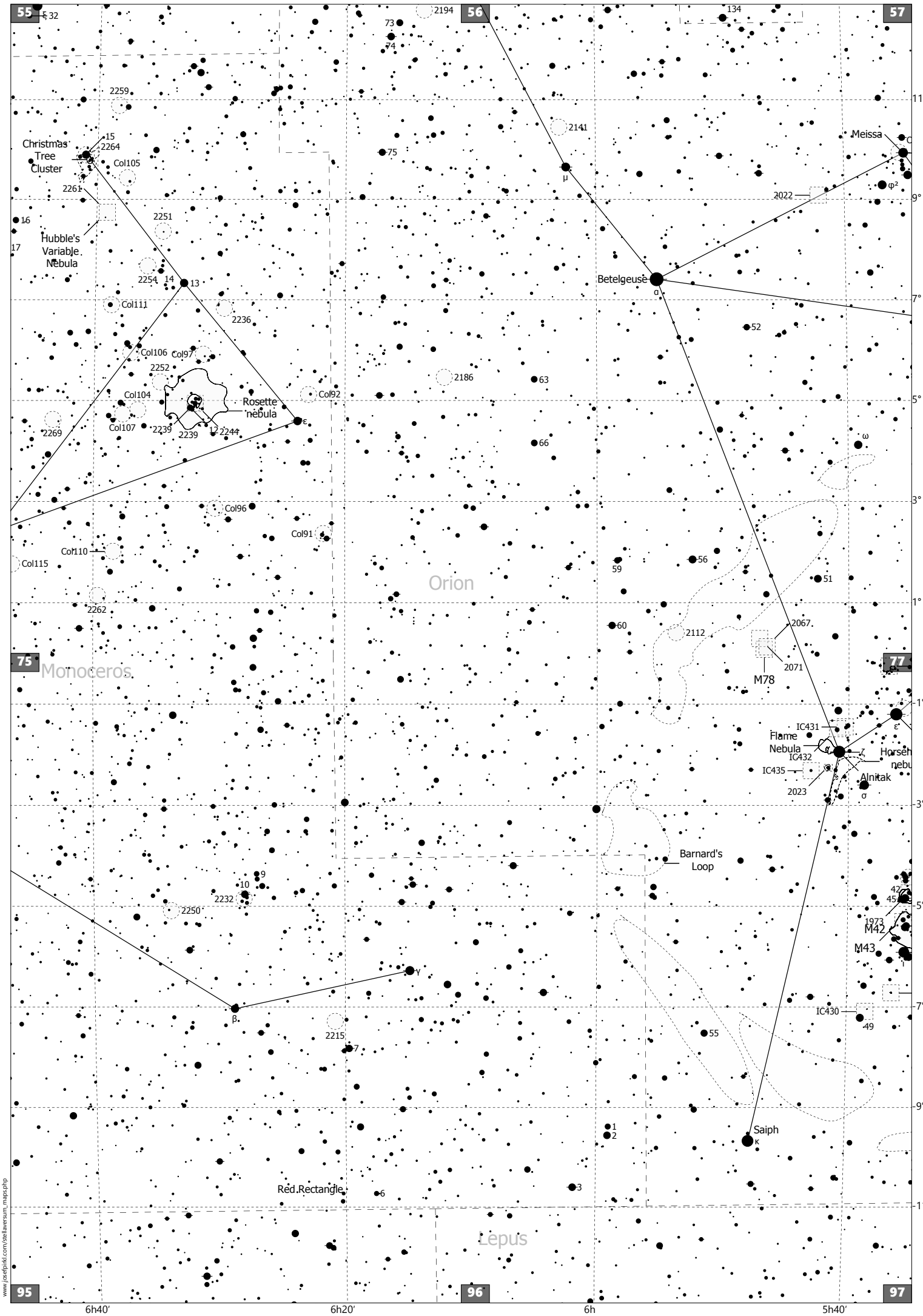
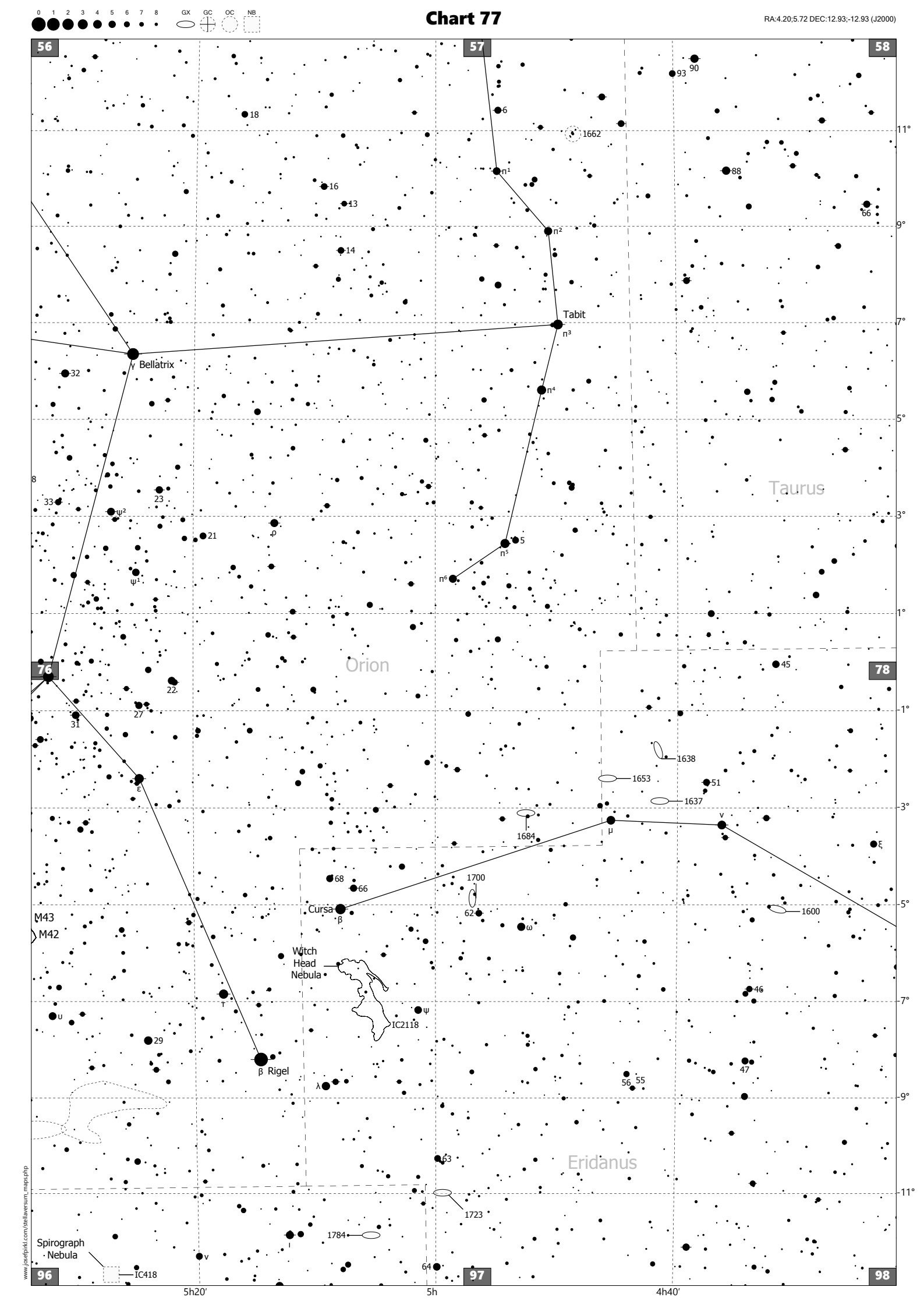


Chart 76

RA:5.42;6.94 DEC:12.93;-12.93 (J2000)



www.jsefpirkl.com/stellaversum_maps.php


Chart 77
RA:4.20;5.72 DEC:12.93;-12.93 (J2000)
0 1 2 3 4 5 6 7 8
GX GC OC NB
56
57
58
76
78
96
97
98
Tabit
π³
γ Bellatrix
Taurus
Orion
Eridanus
Cursa
β
β Rigel
M43
M42
Witch Head Nebula
IC2118
Spirograph Nebula
IC418
1662
1638
1653
1637
1684
1700
1600
1723
1784
5h20′
5h
4h40′
11°
9°
7°
5°
3°
1°
-1°
-3°
-5°
-7°
-9°
-11°
www.jsfdpinkl.com/stellaversum_maps.php

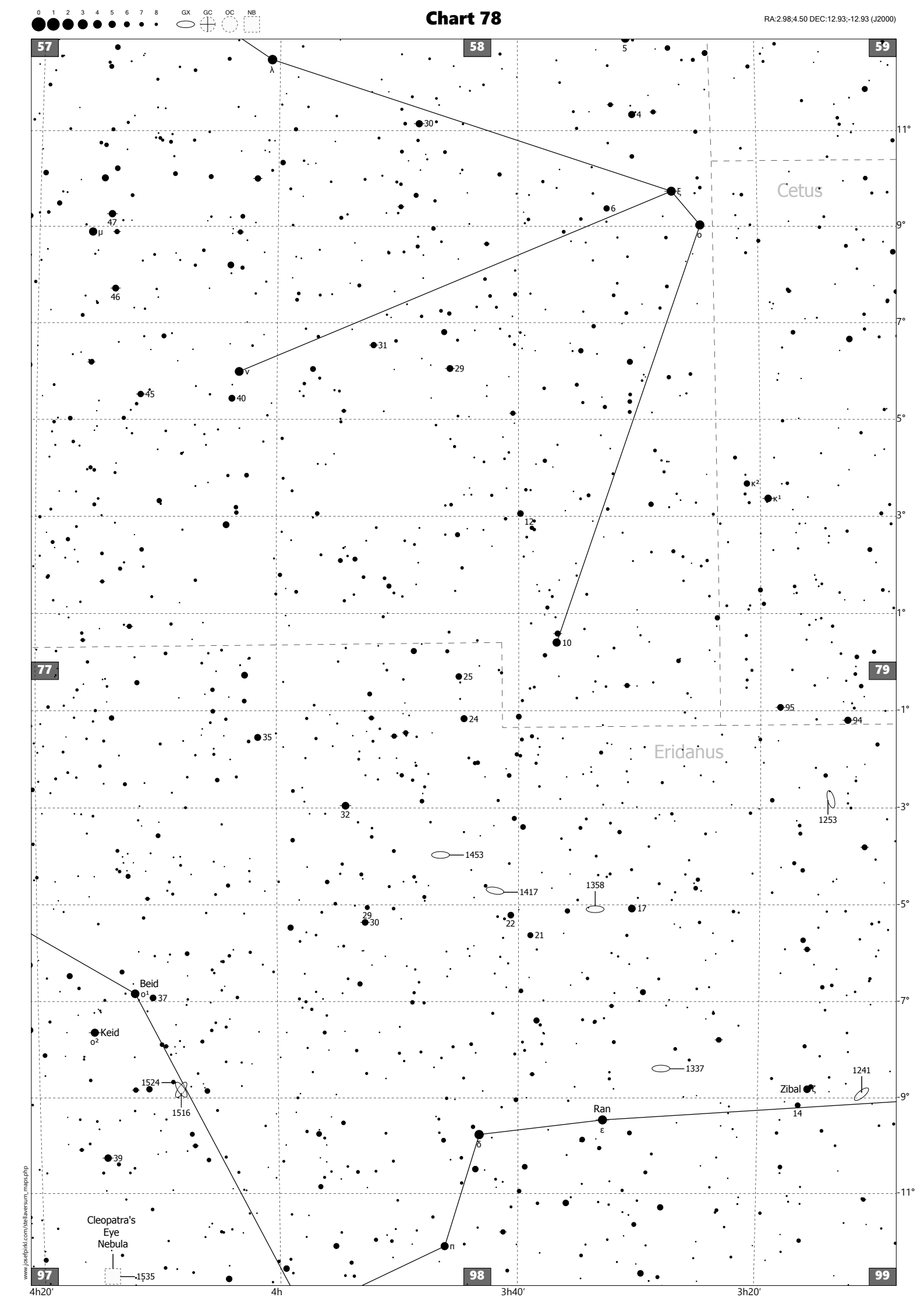
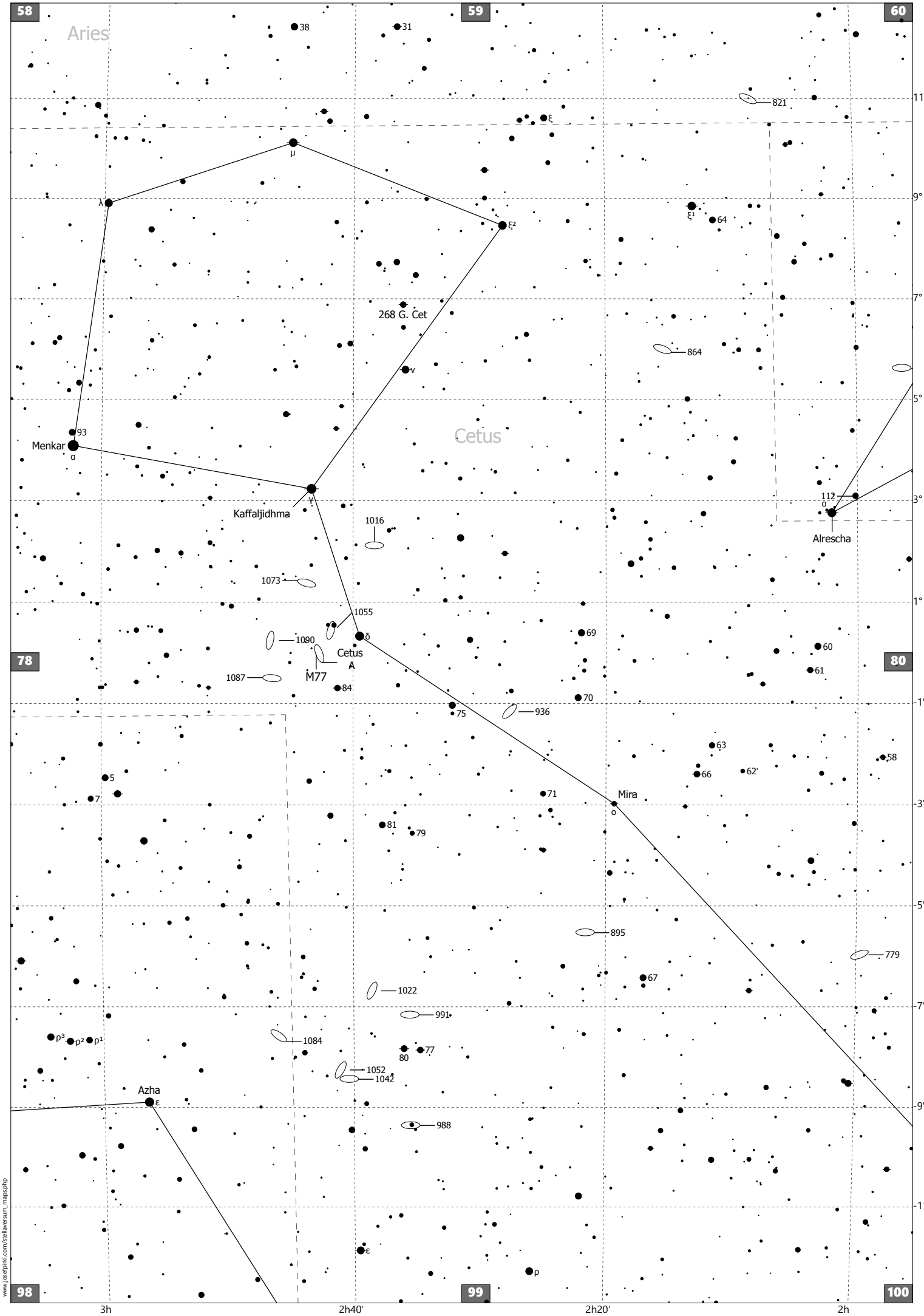
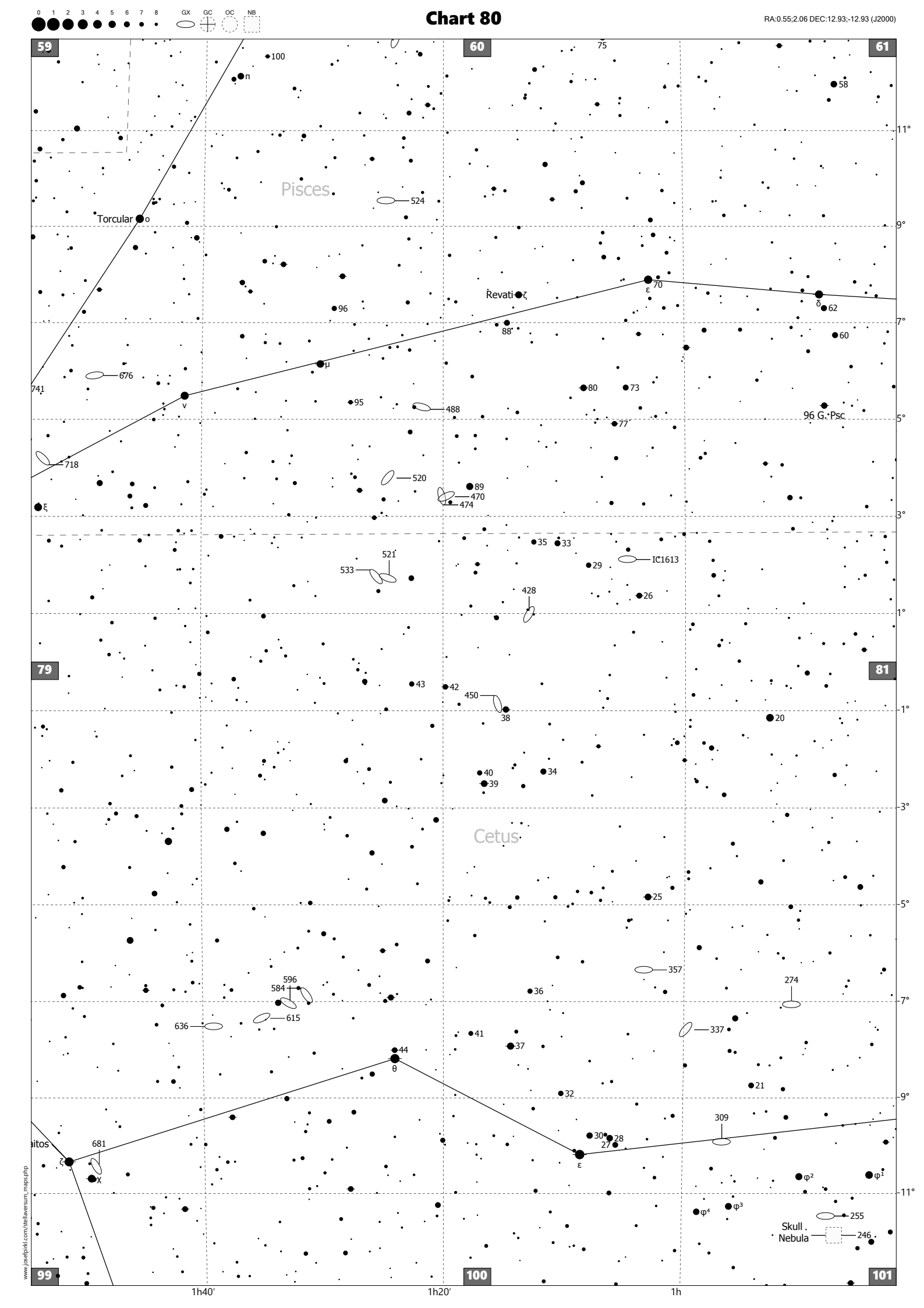

Chart 78
RA:2.98;4.50 DEC:12.93;-12.93 (J2000)
0 1 2 3 4 5 6 7 8
GX GC OC NB
57
58
59
77
79
97
98
99
Cetus
Eridanus
λ
ξ
μ
ν
ο
κ²
κ¹
Beid
ο¹
Keid
ο²
Ran
ε
δ
η
Zibal
Cleopatra's Eye Nebula
1535
1516
1524
1453
1417
1358
1337
1253
1241
11°
9°
7°
5°
3°
1°
4h20′
4h
3h40′
3h20′
www.jsfelpinkl.com/stellaversum_maps.php

Chart 79

RA:1.76;3.28 DEC:12.93;-12.93 (J2000)



www.josefpirkl.com/stellaversum_maps.php


0 1 2 3 4 5 6 7 8
GX GC OC NB
Chart 80
RA:0.55;2.06 DEC:12.93;-12.93 (J2000)
59
60
61
79
81
99
100
101
Pisces
Cetus
Torcular
Revati
96 G. Psc
Skull Nebula
IC1613
1h40′
1h20′
1h
11°
9°
7°
5°
3°
1°
1°
3°
5°
7°
9°
11°
www.jsefpirkl.com/stellaversum_maps.php

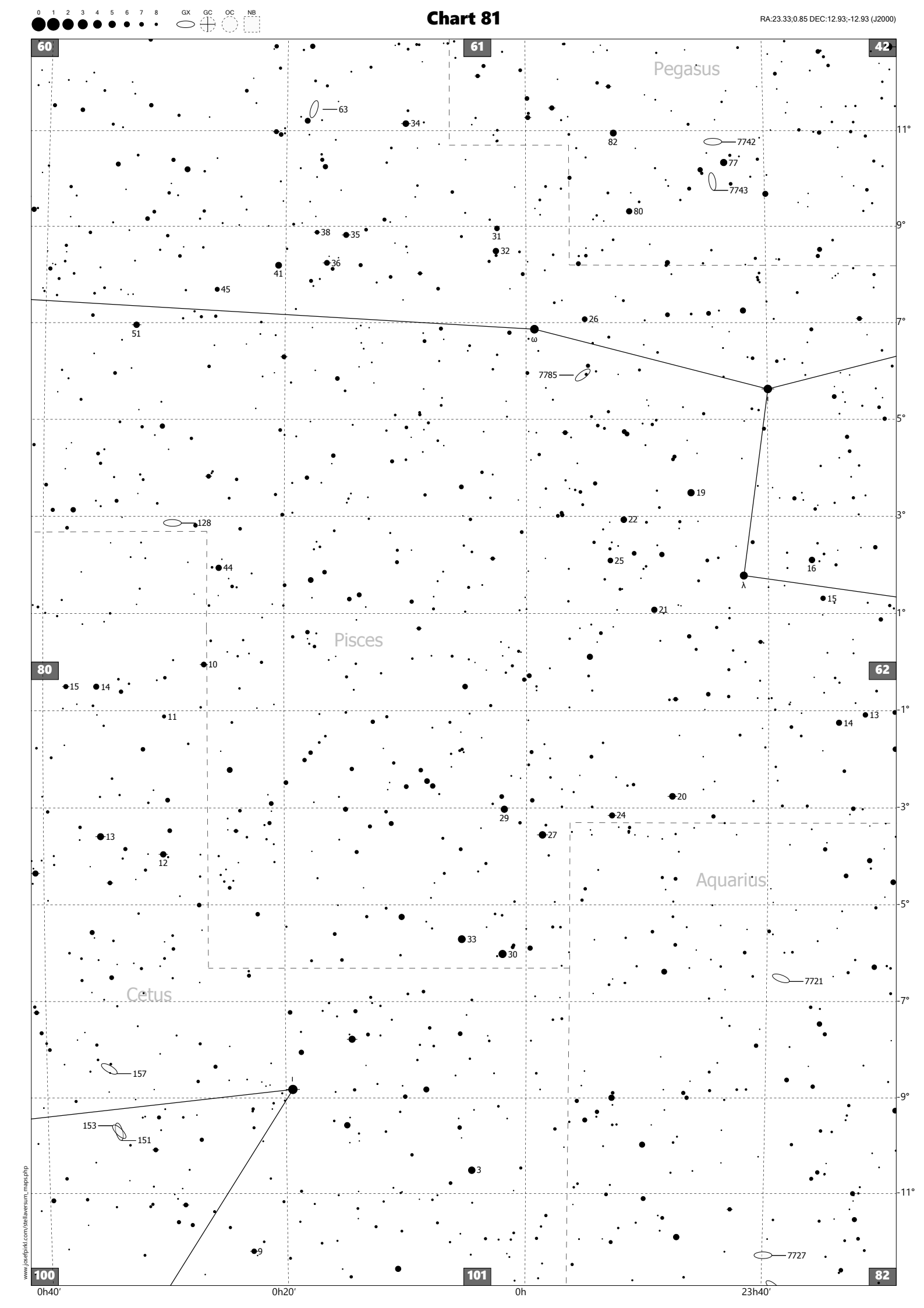
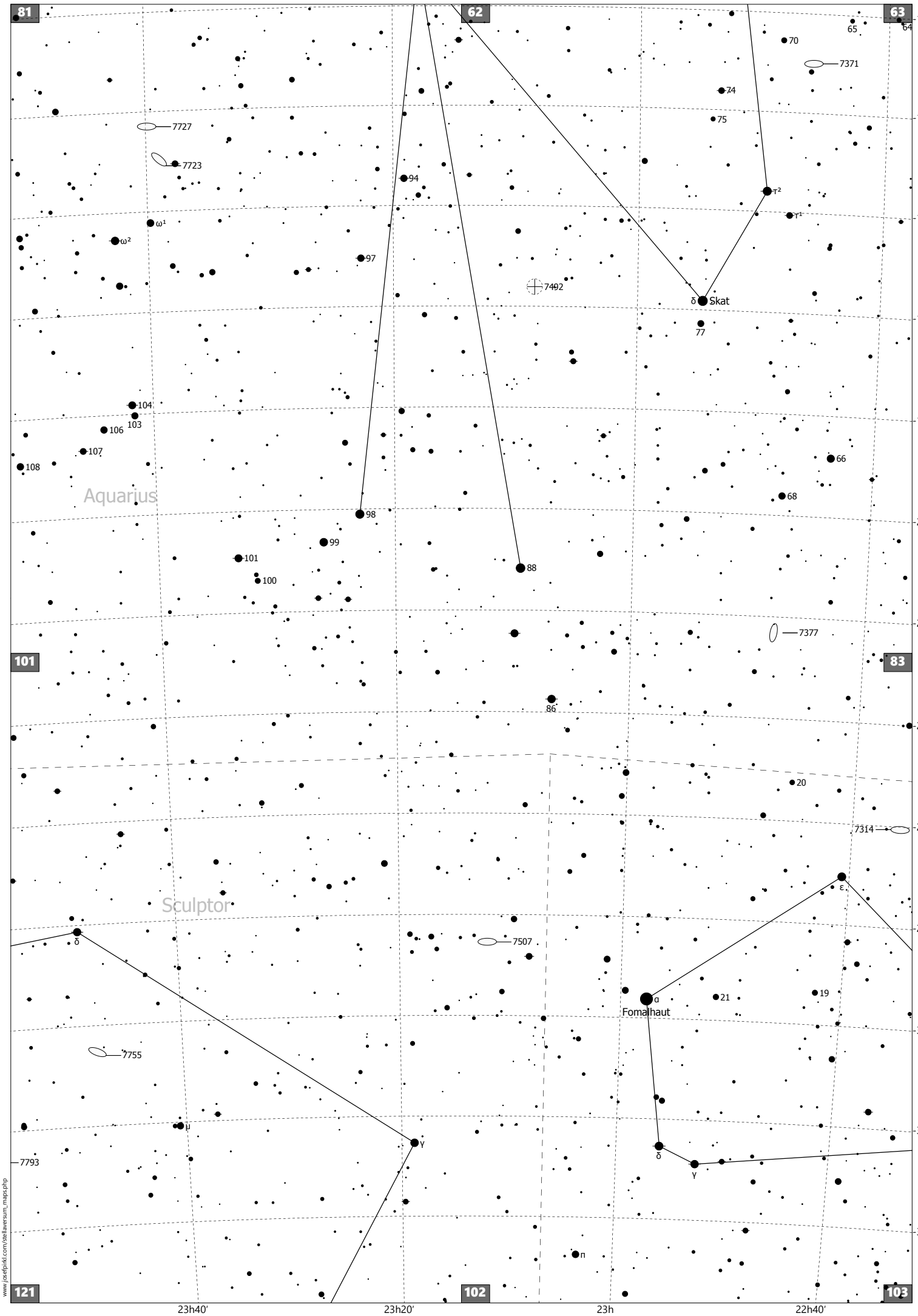

0 1 2 3 4 5 6 7 8
GX GC OC NB
Chart 81
RA:23.33;0.85 DEC:12.93;-12.93 (J2000)
60
61
42
Pegasus
63
34
82
7742
77
7743
80
38
35
31
32
36
41
45
51
26
ω
7785
19
128
22
44
25
16
λ
15
21
Pisces
80
62
10
15
14
11
13
14
20
29
24
27
13
12
Aquarius
33
30
7721
Cetus
157
153
151
3
9
7727
100
101
82
0h40'
0h20'
0h
23h40'
11°
9°
7°
5°
3°
1°
1°
3°
5°
7°
9°
11°
www.josefpirkl.com/stellaversum_maps.php

Chart 82

RA:22.48;0.00 DEC:-9.93;-35.79 (J2000)



www.jsefpirkl.com/stellaversum_maps.php

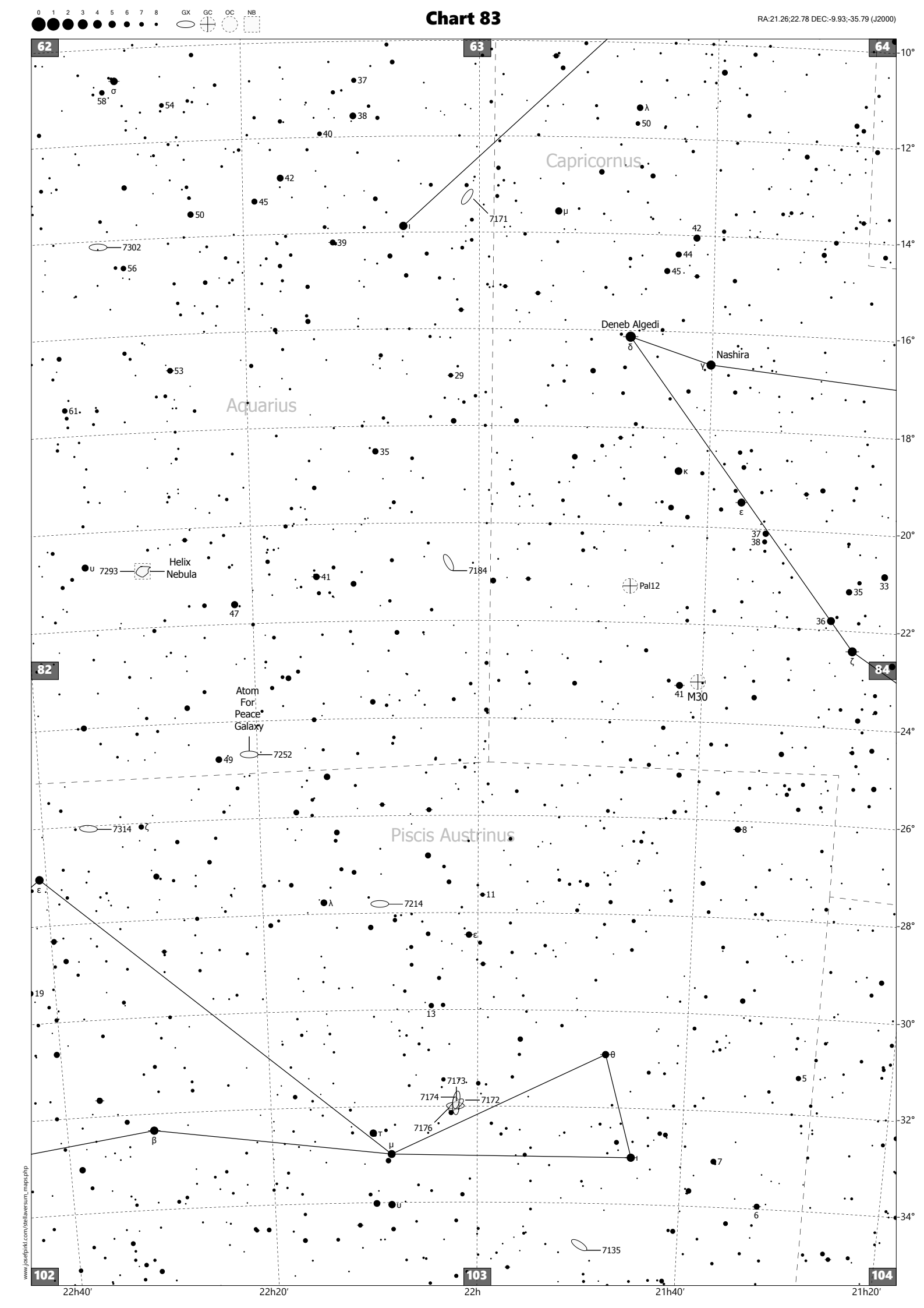
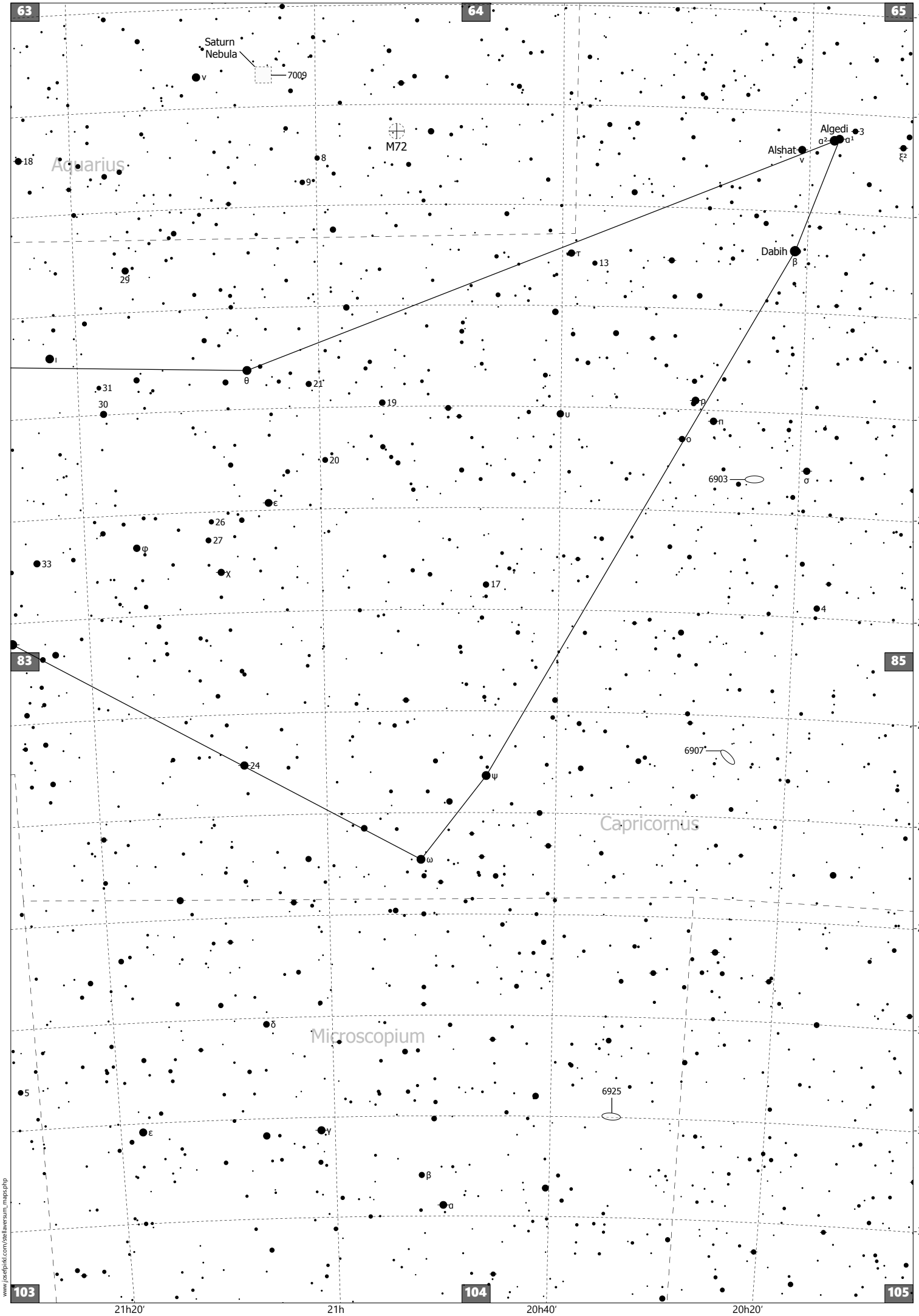

Chart 83
RA:21.26;22.78 DEC:-9.93;-35.79 (J2000)
0 1 2 3 4 5 6 7 8
GX GC OC NB
62
63
64
82
84
102
103
104
Capricornus
Aquarius
Piscis Austrinus
Deneb Algedi
Nashira
Helix Nebula
Atom For Peace Galaxy
M30
Pal12
7171
7302
7293
7184
7252
7314
7214
7173
7174
7172
7176
7135
10°
12°
14°
16°
18°
20°
22°
24°
26°
28°
30°
32°
34°
22h40′
22h20′
22h
21h40′
21h20′
www.josefpirkl.com/stellaversum_maps.php

Chart 84

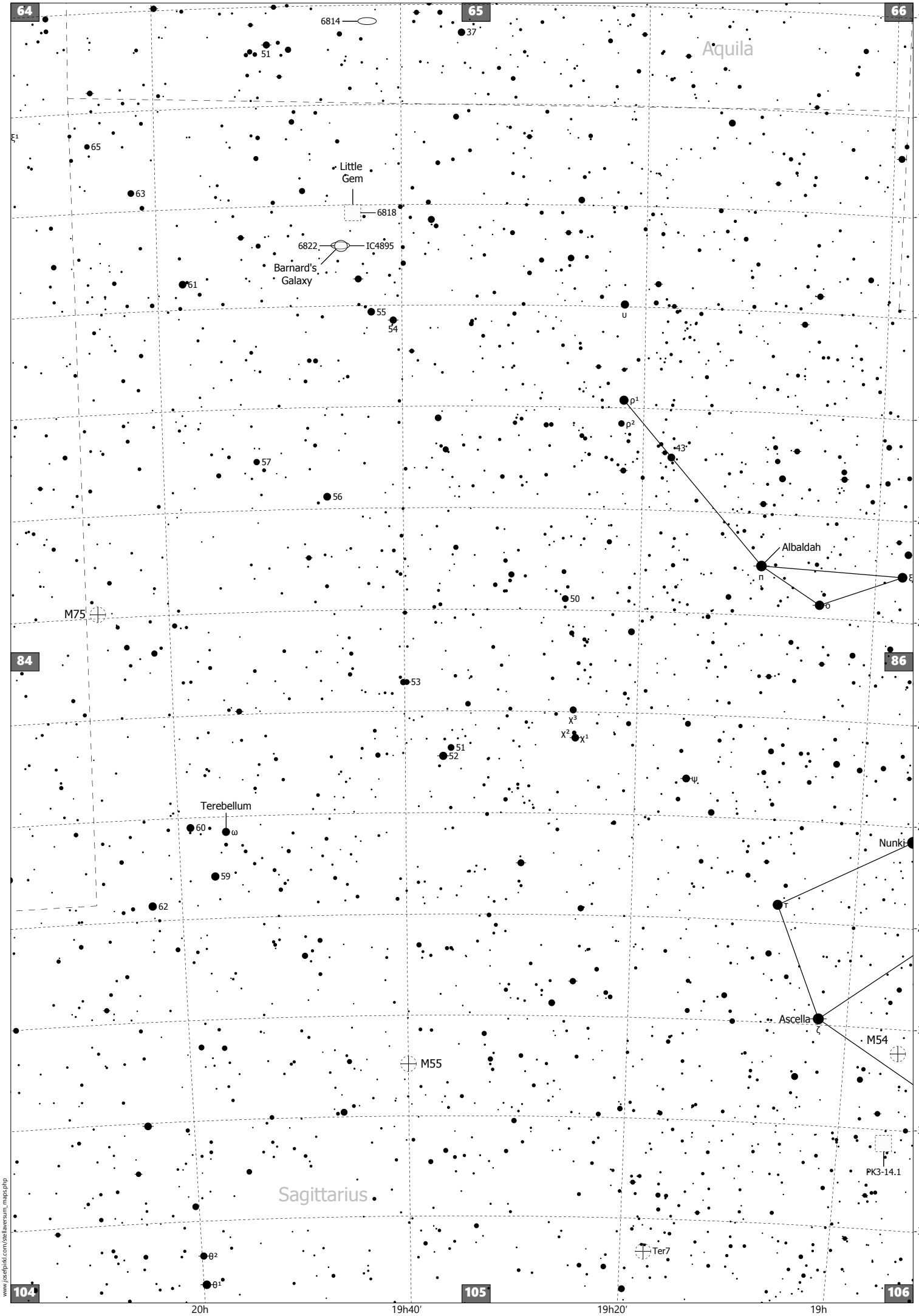
RA:20.04;21.56 DEC:-9.93;-35.79 (J2000)



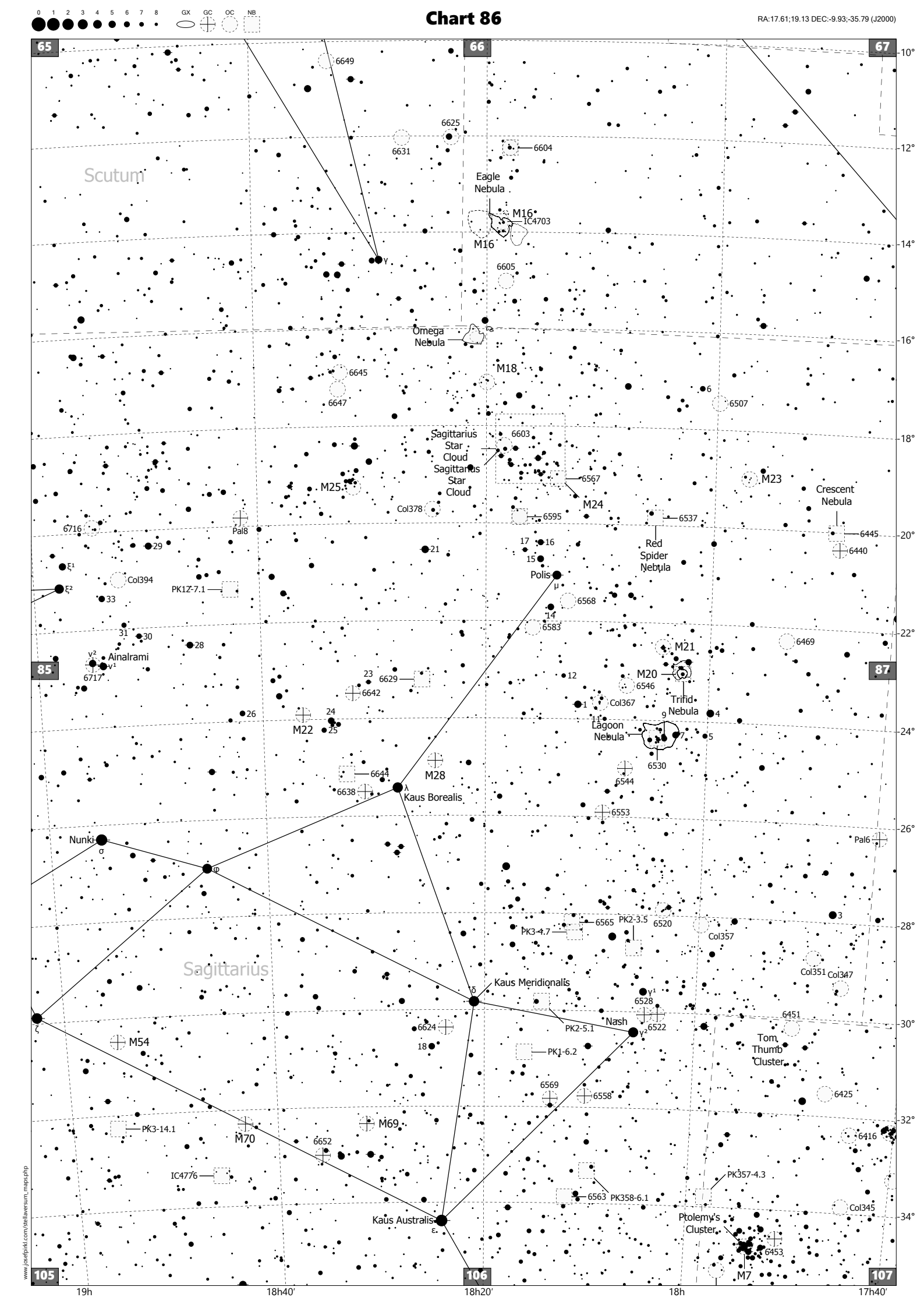
www.joelpirkl.com/stellaversum_maps.php

Chart 85

RA:18.83;20.34 DEC:-9.93;-35.79 (J2000)



www.jsefpirkl.com/stellaversum_maps.php


Chart 86
RA:17.61;19.13 DEC:-9.93;-35.79 (J2000)
0 1 2 3 4 5 6 7 8
GX GC OC NB
65
66
67
85
87
105
106
107
Scutum
Sagittarius
Eagle Nebula
M16
IC4703
Omega Nebula
M18
Sagittarius Star Cloud
M25
M24
M23
Crescent Nebula
Red Spider Nebula
Polis
M21
M20
Trifid Nebula
Lagoon Nebula
M22
M28
Kaus Borealis
Nunki
Kaus Meridionalis
Nash
Kaus Australis
Ainalrami
M54
M69
M70
Tom Thumb Cluster
Ptolemy's Cluster
M7
Pal8
Pal6
Col394
Col378
Col367
Col357
Col351
Col347
PK12-7.1
PK3-14.1
PK3-4.7
PK2-3.5
PK2-5.1
PK1-6.2
PK358-6.1
PK357-4.3
IC4776
6649
6625
6631
6604
6605
6645
6647
6507
6603
6567
6595
6537
6445
6440
6716
6717
6568
6583
6469
6629
6642
6546
6644
6638
6553
6565
6520
6528
6522
6624
6569
6558
6425
6652
6563
6453
6416
6451
6530
6544
10°
12°
14°
16°
18°
20°
22°
24°
26°
28°
30°
32°
34°
19h
18h40′
18h20′
18h
17h40′
www.josefpirkl.com/stellaversum_maps.php

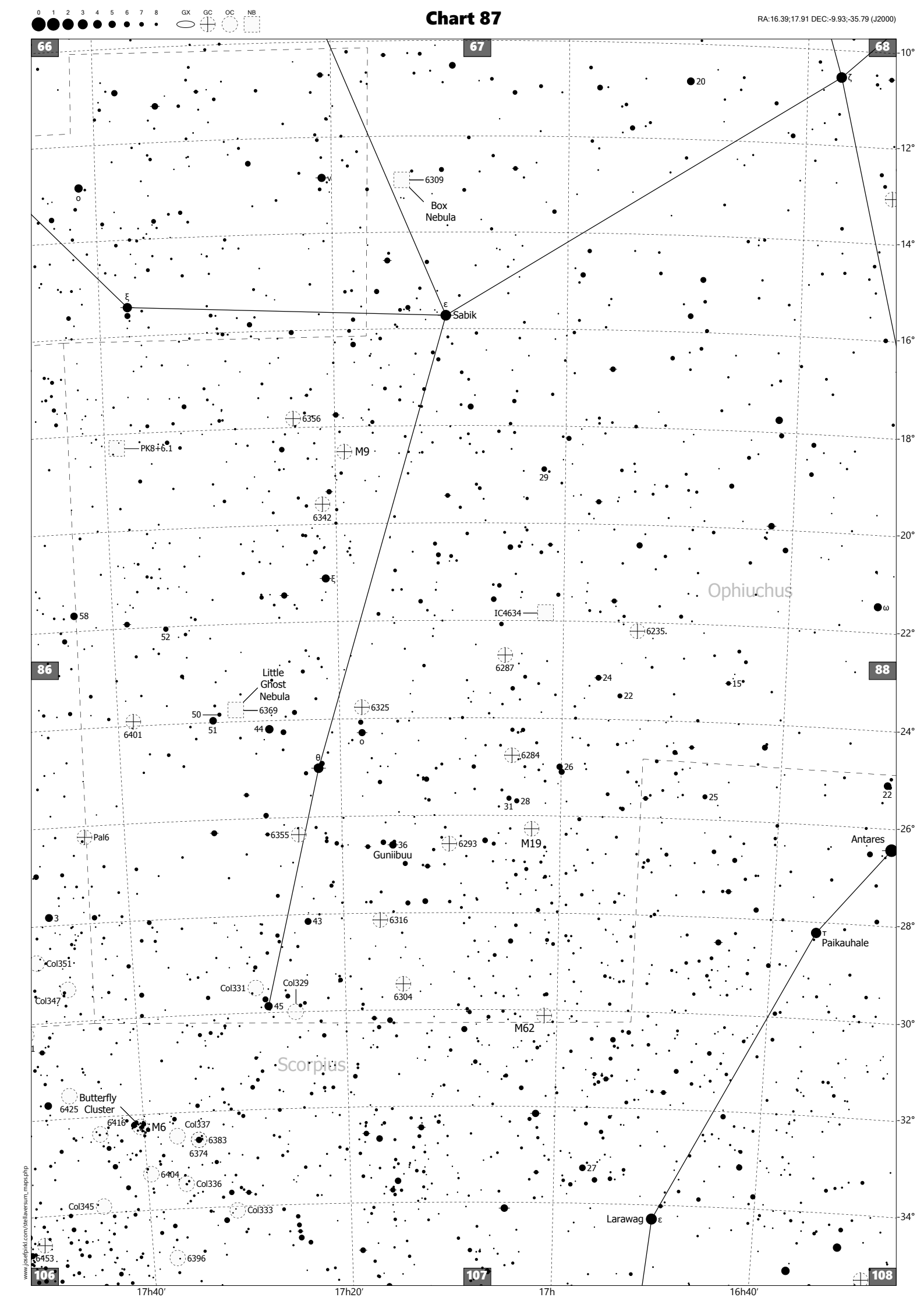
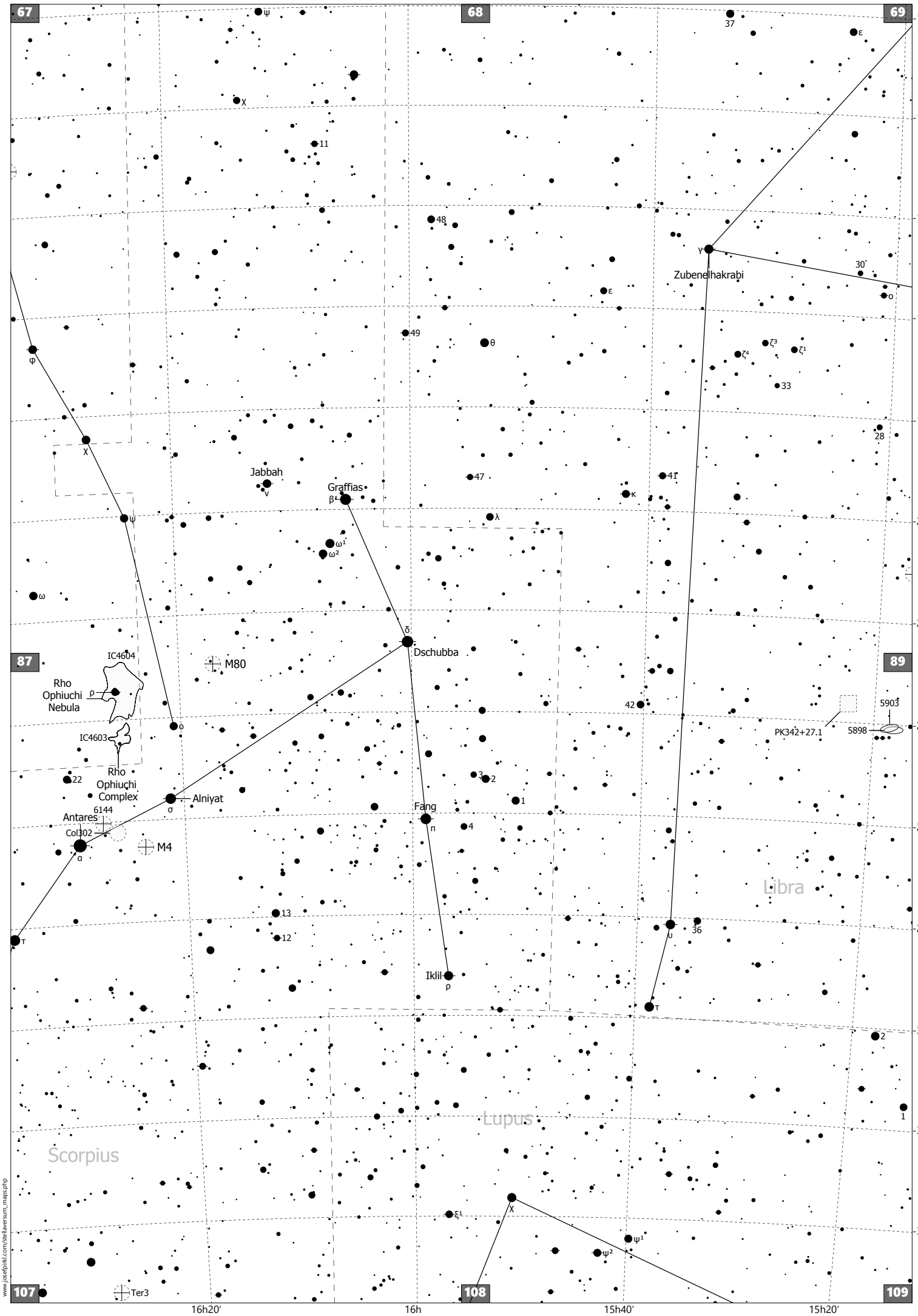
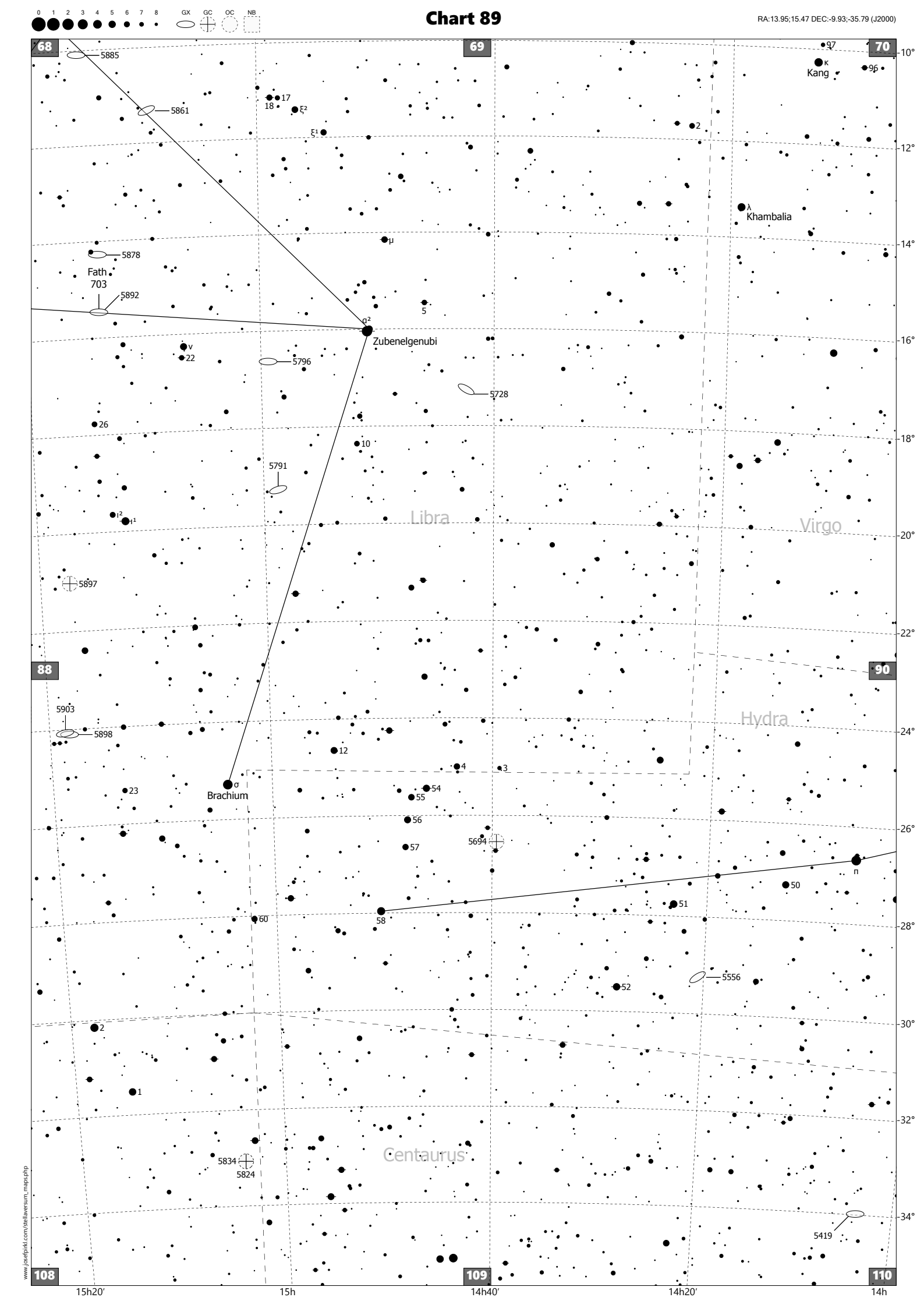

Chart 87
RA:16.39;17.91 DEC:-9.93;-35.79 (J2000)
0 1 2 3 4 5 6 7 8
GX GC OC NB
66
67
68
86
88
106
107
108
10°
12°
14°
16°
18°
20°
22°
24°
26°
28°
30°
32°
34°
17h40′
17h20′
17h
16h40′
Box Nebula
6309
Sabik
ξ
ε
ζ
ν
o
6356
PK8+6.1
M9
6342
29
20
ξ
58
52
IC4634
6235
ω
Ophiuchus
6287
24
22
15
Little Ghost Nebula
6369
50
51
44
6401
6325
o
θ
6284
26
31
28
25
22
Pal6
6355
Guniibuu
36
6293
M19
Antares
3
43
6316
τ
Paikauhale
Col351
Col347
Col331
Col329
45
6304
M62
Scorpius
Butterfly Cluster
6425
6416
M6
Col337
6383
6374
6404
Col336
Col345
Col333
6453
6396
27
Larawag ε
www.jsetfprkd.com/stellaversum_maps.php

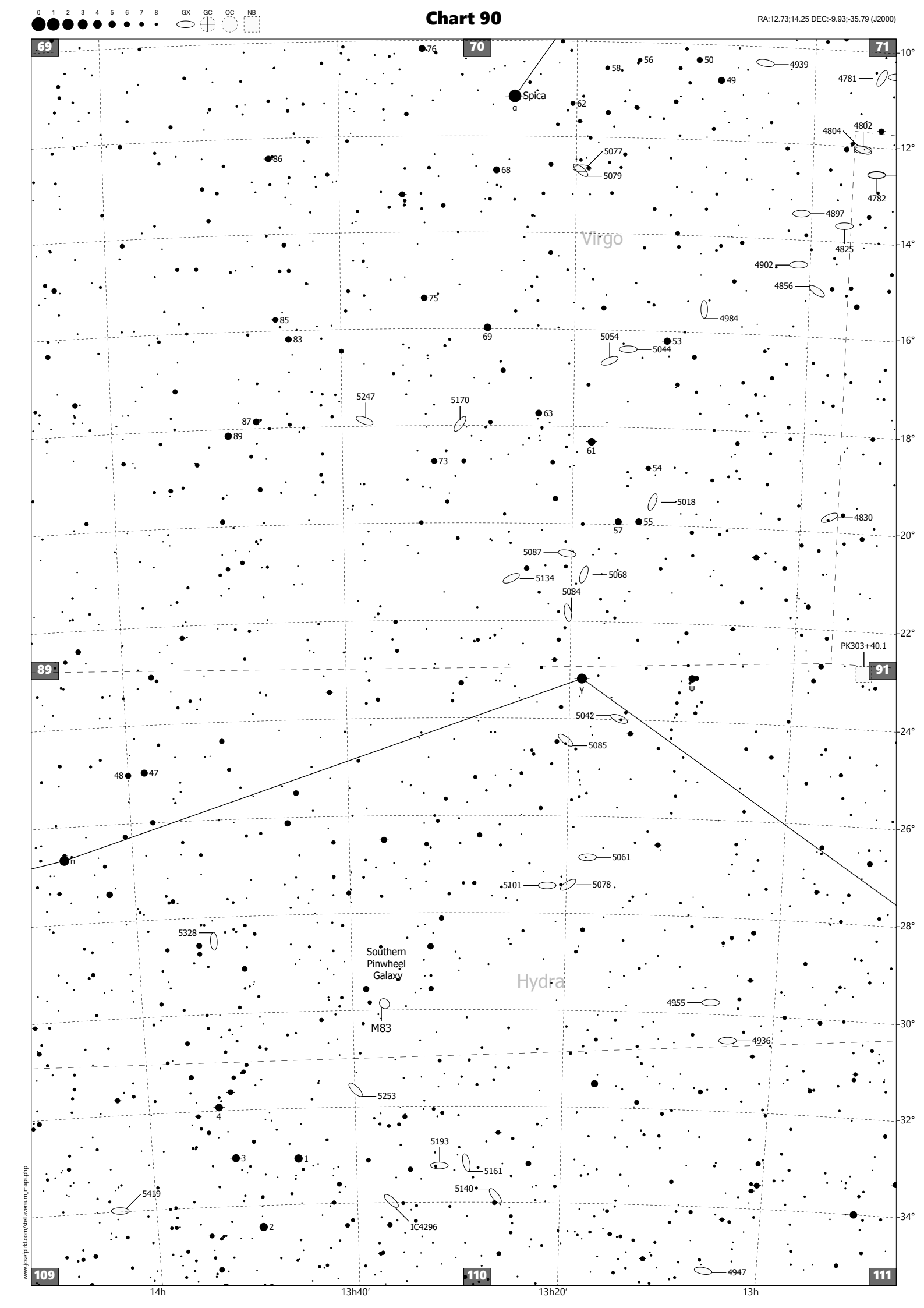
Chart 88

RA:15.17;16.69 DEC:-9.93;-35.79 (J2000)



www.josefpirkl.com/stellaversum_maps.php


Chart 89
RA:13.95;15.47 DEC:-9.93;-35.79 (J2000)
0 1 2 3 4 5 6 7 8
GX GC OC NB
68
69
70
88
90
108
109
110
5885
5861
17
18
ξ²
ξ¹
97
κ
Kang
96
2
λ
Khambalia
μ
5878
Fath
703
5892
5
α²
Zubenelgenubi
ν
22
5796
5728
26
10
5791
Libra
Virgo
i²
i¹
5897
5903
5898
12
4
3
23
σ
Brachium
54
55
56
57
5694
n
50
51
58
60
5556
52
2
1
5834
5824
Centaurus
5419
10°
12°
14°
16°
18°
20°
22°
24°
26°
28°
30°
32°
34°
15h20′
15h
14h40′
14h20′
14h
www.josefpirkl.com/stellaversum_maps.php


Chart 90
RA:12.73;14.25 DEC:-9.93;-35.79 (J2000)
0 1 2 3 4 5 6 7 8
GX GC OC NB
69
70
71
89
91
109
110
111
Spica
α
Virgo
Hydra
Southern Pinwheel Galaxy
M83
IC4296
PK303+40.1
γ
ψ
η
76
58
56
50
49
62
4939
4781
4804
4802
4782
4897
4825
4902
4856
4984
5077
5079
68
86
75
85
83
69
5054
5044
53
5247
5170
63
87
89
61
73
54
5018
4830
57
55
5087
5134
5068
5084
5042
5085
48
47
5061
5101
5078
5328
4955
4936
5253
4
5193
3
1
5161
5140
5419
2
4947
14h
13h40′
13h20′
13h
10°
12°
14°
16°
18°
20°
22°
24°
26°
28°
30°
32°
34°
www.jsefpirkl.com/stellaversum_maps.php