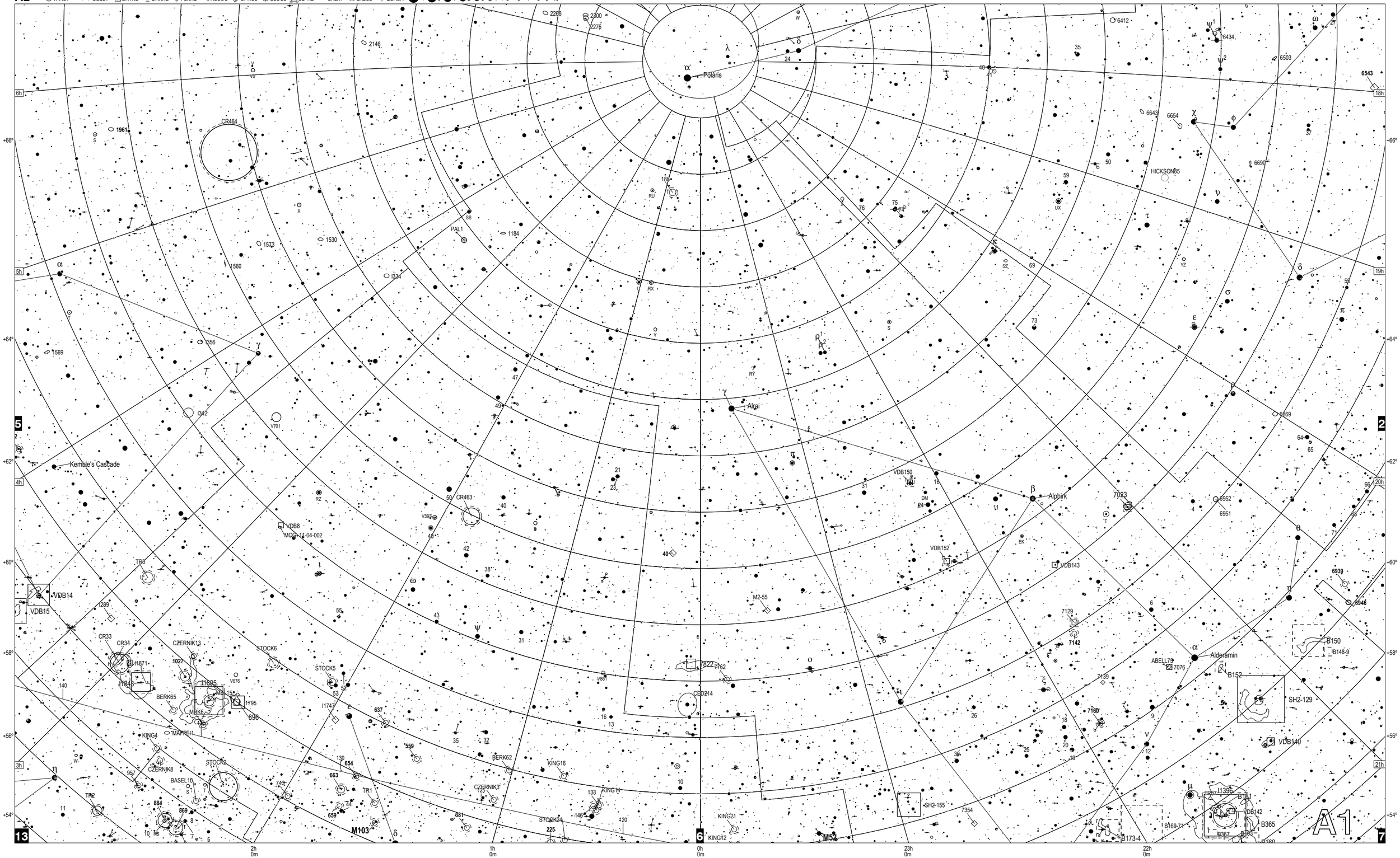
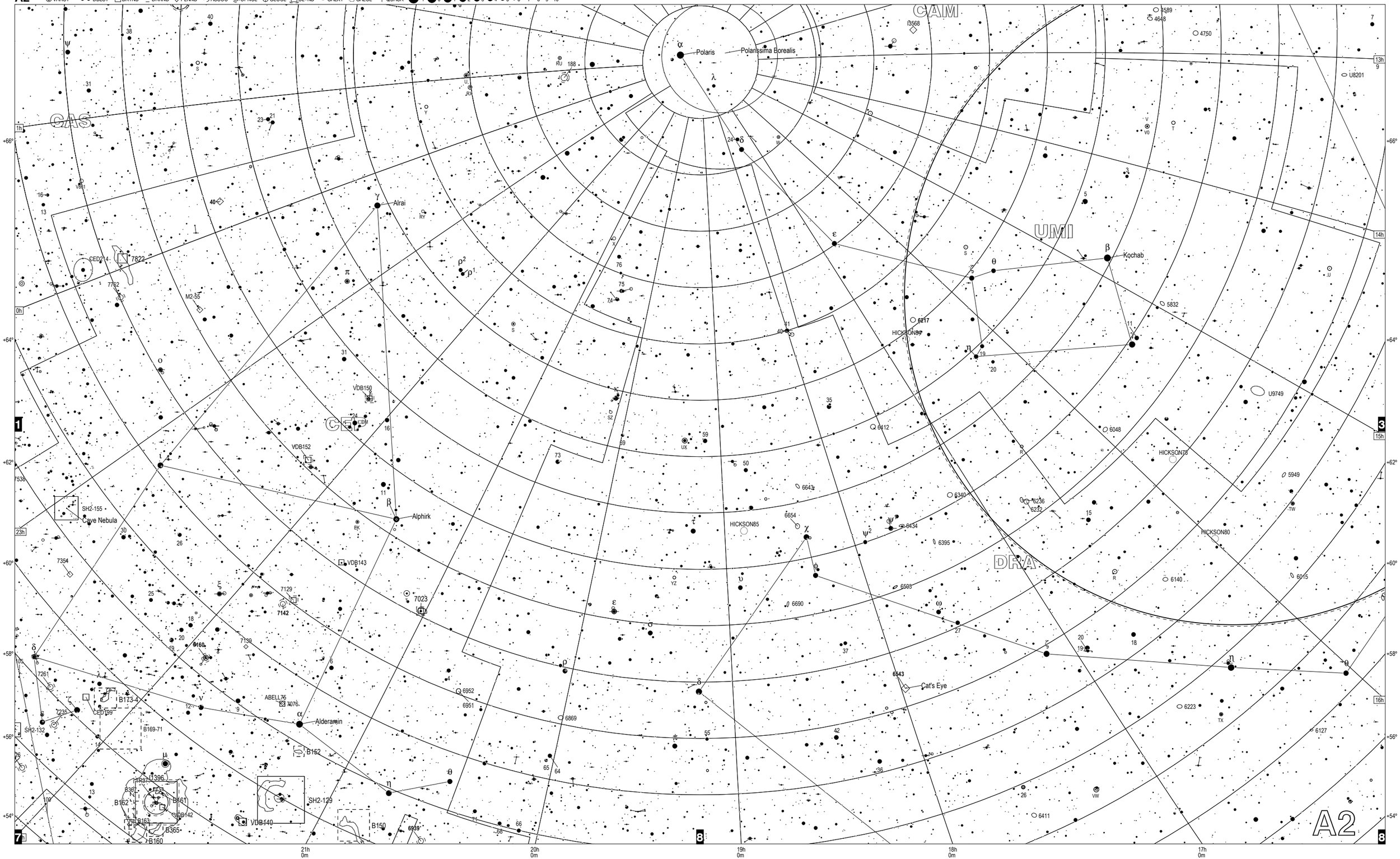

Polaris
Alrai
Alphirk
Alderamin
Kemble's Cascade
CR464
CR463
CR33
CR34
PAL1
HICKSON85
ABELL75
M103
M52
M2-55
CED214
SH2-155
SH2-129
VDB14
VDB15
VDB8
VDB140
VDB142
VDB143
VDB150
VDB152
B150
B152
B365
B361
B173-4
B169-71
IB148-9
CZERNIK13
CZERNIK8
CZERNIK3
STOCK6
STOCK5
STOCK2
STOCK24
KING4
KING16
KING14
KING21
KING12
BERK65
BERK62
BASEL10
MAYER1
MRK6
TR3
TR2
TR1
TR87
MCG-14-04-002
2h 0m
1h 0m
0h 0m
23h 0m
22h 0m
+66°
+64°
+62°
+60°
+58°
+56°
+54°
6h
5h
4h
3h
18h
19h
20h
21h


CAS
CAM
UMI
DRA
Polaris
Polarissima Borealis
Alrai
Kochab
Alphirk
Alderamin
Cat's Eye
Cave Nebula
SH2-155
SH2-132
SH2-129
CED214
CED159
M2-55
VDB150
VDB152
VDB143
VDB142
VDB140
B173-4
B169-71
B152
B150
B162
B161
B160
B163
B365
ABELL76
HICKSON85
HICKSON78
HICKSON80
A2

Polarissima Borealis
CAM
UMI
DRA
UMA
Kochab
Thuban
Cat's Eye
Coddington's Galaxy
Dubhe
M81
M82
CR285
HICKSON85
HICKSON84
HICKSON78
HICKSON80
HICKSON55
HICKSON49
MCG+13-07-007
MCG+10-19-040
ABELL1377
I1512
I3568
I529
U4305
U4841
U5139
U5612
U9749
U10822
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3403
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3516
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U10822
U820
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UMI
DRA
UMA
Polarissima Borealis
Kochab
Thuban
Dubhe
Coddington's Galaxy
Cat's Eye
M81
M82
CR285
HICKSON85
HICKSON84
HICKSON78
HICKSON80
HICKSON55
HICKSON49
MCG+13-07-007
MCG+10-19-040
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Y
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T
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V
VV
VW
VY
RR
RS
RV
RY
SS
TW
TX
+66°
+64°
+62°
+60°
+58°
+56°
+54°
20h
19h
18h
8h
9h
10h
11h
17h 0m
16h 0m
15h 0m
14h 0m
13h 0m
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9
10
A3

TRIATLAS Second edition by José R. Torres Lapasió and Casey Skelton - generated with CNebulaX in January 2009 (http://www.uv.es/jrtorres) - Deep Sky Atlas (Epoch 2000.0) - Chart A4 - R.A.: 07h12.0m to 12h00.0m / DEC.: +64°17' to +90°00'

A4

VARST DBLST BRTNB IDRKNB PLNNB ASSOC OPNCL GLOCL CL+NB GALXY GALCL QUASR -1 0 1 2 3 4 5 6 7 8 9 10

CEP

Polaris

Polarissima Borealis

UMI

Kochab

DRA

CAM

UMA

Megrez

Integral Sign Galaxy

Coddington's Galaxy

MCG+10-19-010

MCG+13-07-007

MCG+11-10-017

HICKSON78

HICKSON55

HICKSON49

PAL1

CR464

M82

M81

LYN

A4

TRIATLAS Second edition by José R. Torres Lapasió and Casey Skelton - generated with CNebulaX in January 2009 (http://www.uv.es/jrtorres) - Deep Sky Atlas (Epoch 2000.0) - Chart A5 - R.A.: 02h24.0m to 07h12.0m / DEC.: +64°17' to +90°00'

A5 VARST DBLST BRTNB DRKNB PLNNB ASSOC OPNCL GLOCL CL+NB GALXY GALCL QUASR -1 0 1 2 3 4 5 6 7 8 9 10

DRA UMI CEP UMA CAM CAS LYN

Polarissima Borealis
Polaris
Alrai
Coddington's Galaxy
Integral Sign Galaxy
M81 M82 M103
MCG+13-07-007
MCG+11-10-017
VDB8 MCG+11-04-002
PAL1
CR464 CR463
HICKSON49
ABELL576
BERK62 BERK65 CZERNIK3 CZERNIK8 KING4 KING16 MAFFEI1 MEL15 MRK6 STOCK2 STOCK5 STOCK6 TR1 TR2
GEB214

11h 10h 9h 8h 7h 6h 5h 4h 3h 2h 1h 0h 23h
+66° +64° +62° +60° +58° +56° +54°
0m

PER
CAS
CEP
AND
LAC
CYG

M103
M52
M76
M110
M32
M31
M39

Bubble Nebula
Cave Nebula
SH2-155
Double Cluster
h Persi
χ Per
SH2-188
SH2-129
VDB140
SH2-167
SH2-132
Caph
Schedar
Barbell Nebula
Little Dumbbell Nebula
Andromeda Galaxy
Almach
ABELL262
HICKSON10
MERRILL2-2
Cocoon Nebula
B168
B164
B160
B365
B142
B157
B364
B469-71
HB173-4
CED196
M1-79
VDB145
MCG+08-01-018
MCG+08-01-016
U12632
A6

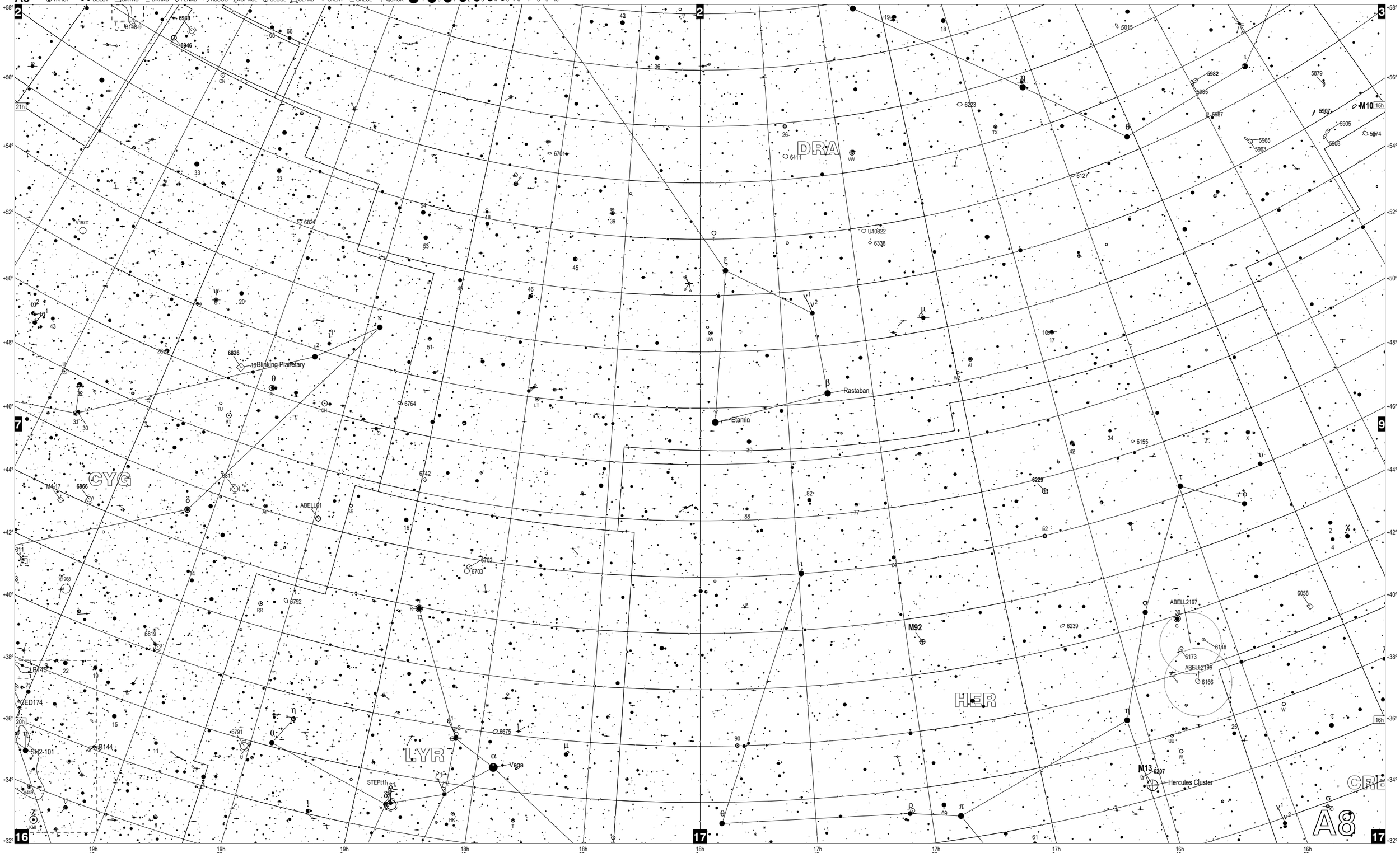
TRIATLAS Second edition by José R. Torres Lapasió and Casey Skelton - generated with CNebulaX in January 2009 (http://www.uv.es/jrtorres) - Deep Sky Atlas (Epoch 2000.0) - Chart A7 - R.A.: 19h30.0m to 22h30.0m / DEC.: +38°34' to +64°17'

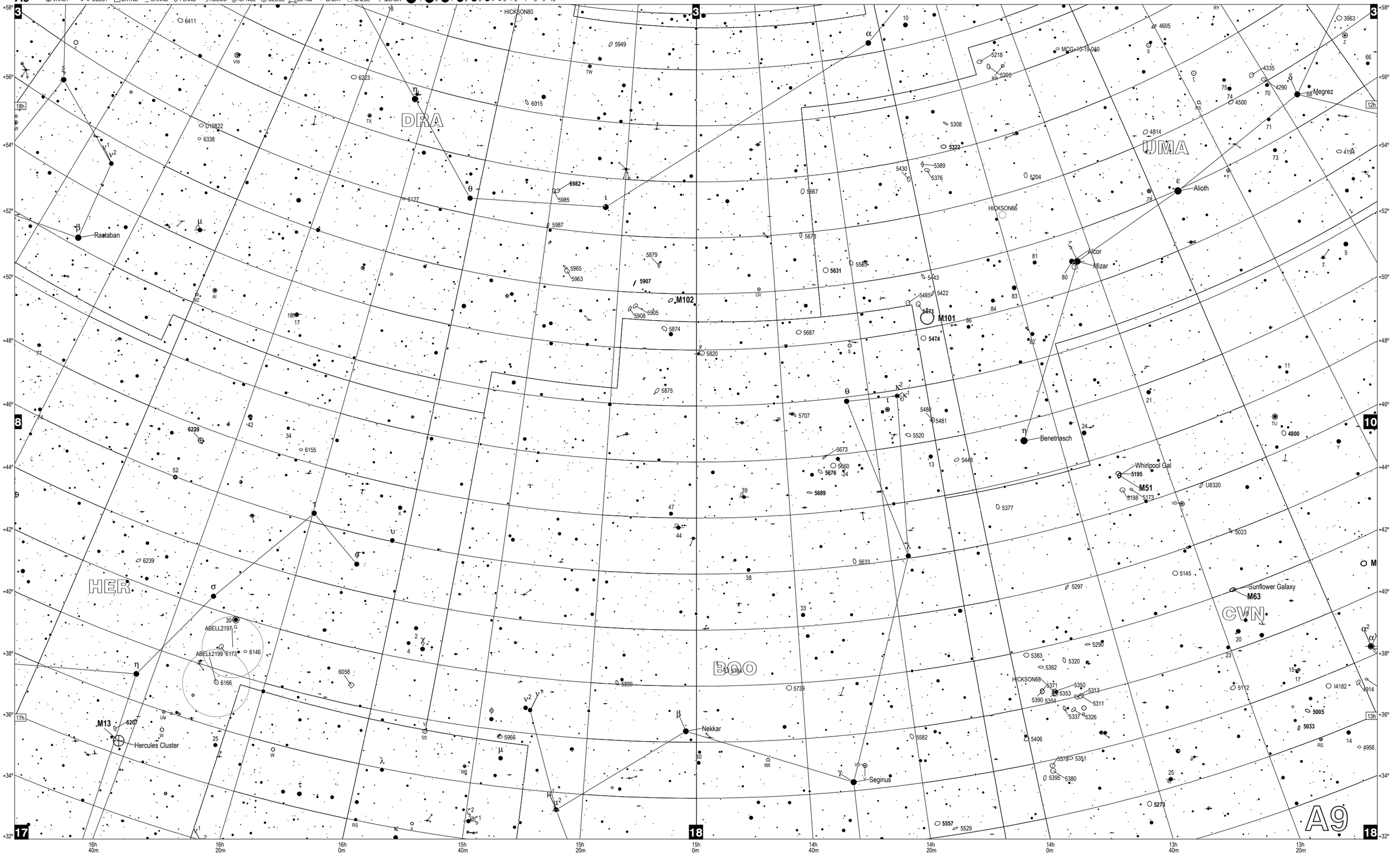
A7 VARST DBLST BRTNB IDRKNB PLNNB ASSOC OPNCL GLOCL CL+NB GALXY GALCL QUASR -1 0 1 2 3 4 5 6 7 8 9 10

CAS CEP DRA AND LAC CYG LYR

7635 7538 MRK50 7510 KING19 SH2-155 7789 ABELL85 7662 7354 7380 7142 SH2-155 7139 7160 ABELL75 7076 Alderamin B152 6951 6939 6946 B150 SH2-129 B148-9 6701 B173+4 CEP199 B169-71 7261 7235 VDB140 B361 B365 B160 B162 B157 B364 7128 7008 7226 SH2-132 BERK9 7245 7296 7434 7442 7686 7426 7330 7248 7223 7265 7315 7331 HICKSON92 7243 B164 7086 7031 B362 M39 VDB145 W1-79 7067 7209 W11909 I5146 Cocoon Nebula B168 7082 7062 7048 7039 I1369 I5076 SH2-115 B350 B352 SH2-112 Deneb CB228 6997 I5070 Pelican Nebula 7000 LDN935 North American Nebula 7027 I5068 LDN896 6914 GR421 GR419 6910 LDN889 B343 I1318 VDB130 BERK86 M29 6888 Crescent I4996 VDB133 SH2-104 CED174 B145 BASEL6 6826 Blinking Planetary 6824 6764 6811 6792 6819 6791 6742 6702 6703 6866 M4-17 V1687 V1966 V1974 V1070 V1074 ABELL61

A7

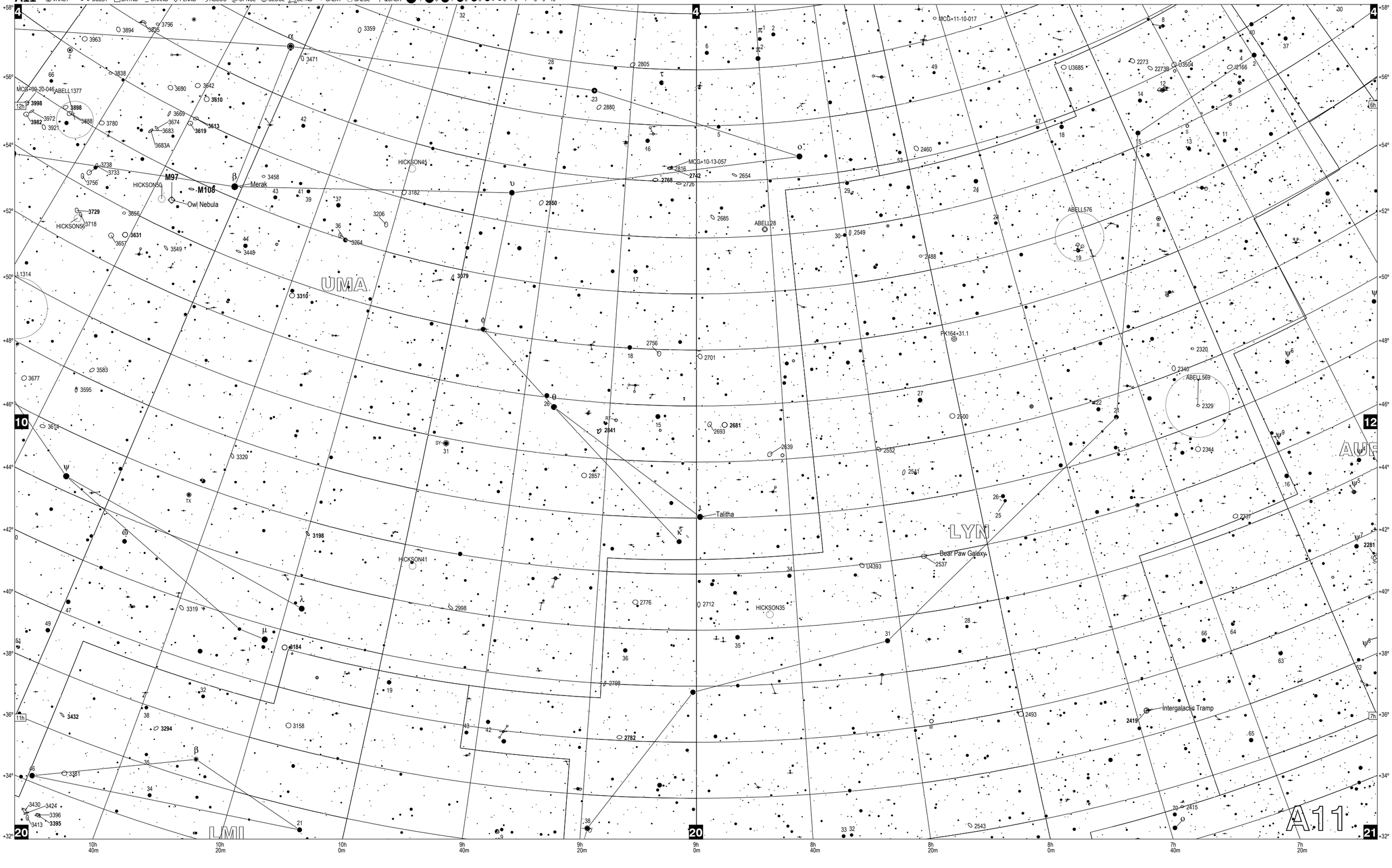

DRA
CYG
LYR
HER
CRE
A8
Rastaban
Etamin
Vega
M92
M13
Hercules Cluster
M10
16Blinking Planetary
STEPH1
CED174
SH2-101
B144
B145
ABELL61
ABELL2197
ABELL2199
IC1148-9
6939
6946
6826
6666
6811
6742
6702
6703
6792
6819
6791
6675
6764
6824
6701
6411
6223
6015
6127
6338
6207
6229
6155
6239
6058
6173
6166
5982
5985
5987
5907
5905
5974
5908
5965
5963
5879
U10822
UW
VW
TX
WZ
AI
LT
RT
TU
GH
RR
SS
XP
HK
V1974
V1968
KW1
M4-17


DRA
UMA
HER
BOO
CVN
Rastaban
Nekkar
Seginus
Megrez
Alioth
Alcor
Mizar
Benetnasch
Hercules Cluster
Sunflower Galaxy
Whirlpool Gal
M101
M102
M51
M63
M13
HICKSON80
HICKSON66
MCG+10-19-040
ABELL2197
ABELL2199
A9

TRIATLAS Second edition by José R. Torres Lapasió and Casey Skelton - generated with CNebulaX in January 2009 (http://www.uv.es/jrtorres) - Deep Sky Atlas (Epoch 2000.0) - Chart A10 - R.A.: 10h30.0m to 13h30.0m / DEC.: +38°34' to +64°17'

A10 VARST DBLST BRTNB IDRKNB PLNNB ASSOC OPNCL GLOCL CL+NB GALXY GALCL QUASR -1 0 1 2 3 4 5 6 7 8 9 10

Dubhe
Merak
Megrez
Alioth
Mizar
Alcor
Phecda
Benetnasch
Owl Nebula
Whirlpool Gal
Sunflower Galaxy
Cor Caroli
M51
M63
M94
M97
M101
M106
M108
M109
UMA
CVN
LMI
A10


UMA
LMI
LYN
AUR
M97
M108
Owl Nebula
Merak
Talitha
Bear Paw Galaxy
Intergalactic Tramp
MCG+11-10-017
MCG+10-13-057
MCG+09-20-046
ABELL1377
ABELL576
ABELL28
ABELL569
HICKSON45
HICKSON50
HICKSON56
HICKSON41
HICKSON35
PK164+31.1
L1314
A11
12h
6h
11h
7h
10h 40m
10h 20m
10h 0m
9h 40m
9h 20m
9h 0m
8h 40m
8h 20m
8h 0m
7h 40m
7h 20m

TRIATLAS Second edition by José R. Torres Lapasió and Casey Skelton - generated with CNebulaX in January 2009 (http://www.uv.es/jrtorres) - Deep Sky Atlas (Epoch 2000.0) - Chart A12 - R.A.: 04h30.0m to 07h30.0m / DEC.: +38°34' to +64°17'

A12 VARST DBLST BRTNB DRKNB PLNNB ASSOC OPNCL GLOCL CL+NB GALXY GALCL QUASR -1 0 1 2 3 4 5 6 7 8 9 10

UMA
LYN
CAM
AUR
PER
ABELL28
ABELL576
ABELL569
PK164+31.1
PK169-0.1
U3685
U3504
U4393
I2166
2654
2685
2460
2949
2488
2273
2273B
2552
2500
2541
2347
2340
2329
2344
2337
2493
2281
2415
2537
Bear Paw Galaxy
Intergalactic Tramp
2419
2126
Menkalinan
Capella
SH2-224
SH2-223
CR62
M38
1502
1501
VDB14
VDB15
TOMBAUGH5
M2-2
B8,9,11,13
SH2-205
LBN12
VV1-2
KR2-1
1528
1545
1513
1624
1724
1664
1857
1778
1579
BERK11
BERK68
RU148
1582
Ω
α
β
γ
δ
ε
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R
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T
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V
V0
V373
V393
UU
RR
NV
SV
W
XX

9h 3h 8h 4h 11 13 21 22

+58° +56° +54° +52° +50° +48° +46° +44° +42° +40° +38° +36° +34° +32°

7h 40m 7h 20m 7h 0m 6h 40m 6h 20m 6h 0m 5h 40m 5h 20m 5h 0m 4h 40m 4h 20m

A12

TRIATLAS Second edition by José R. Torres Lapasió and Casey Skelton - generated with CNebulaX in January 2009 (http://www.uv.es/jrtorres) - Deep Sky Atlas (Epoch 2000.0) - Chart A13 - R.A.: 01h30.0m to 04h30.0m / DEC.: +38°34' to +64°17'

A13 VARST DBLST BRTNB DRKNB PLNNB ASSOC OPNCL GLOCL CL+NB GALXY GALCL QUASR -1 0 1 2 3 4 5 6 7 8 9 10

CAM

CAS

PER

AUR

AND

Kemble's Cascade

Capella

Mirfak

Algol

Almach

Schedar

Mirach

Double Cluster

h Persei

χ Per

M103

M76

Barbell Nebula

Little Dumbbell Nebula

M34

SH2-205

SH2-188

B8,9,11,13

B12

VDB14

VDB15

TOMBAUGH5

CZERNIK13

CZERNIK8

STOCK6

STOCK5

STOCK2

MAFFEI1

KING4

BASEL10

BERK66

BERK11

BERK68

TR1

TR2

TR3

MEL20

ABELL426

ABELL347

ABELL262

HICKSON10

VDB24

SH2-223

RU148

M2-2

VV1-2

KR2-4

PK121+2.1

I1805

I1848

I99

I63

I289

I1795

I1799

I1579

I1342

I1239

I1023

I1058

I1245

I1284

I1027

1501

1502

1513

1528

1545

1582

1664

1724

1624

1444

1496

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896

891

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617

507

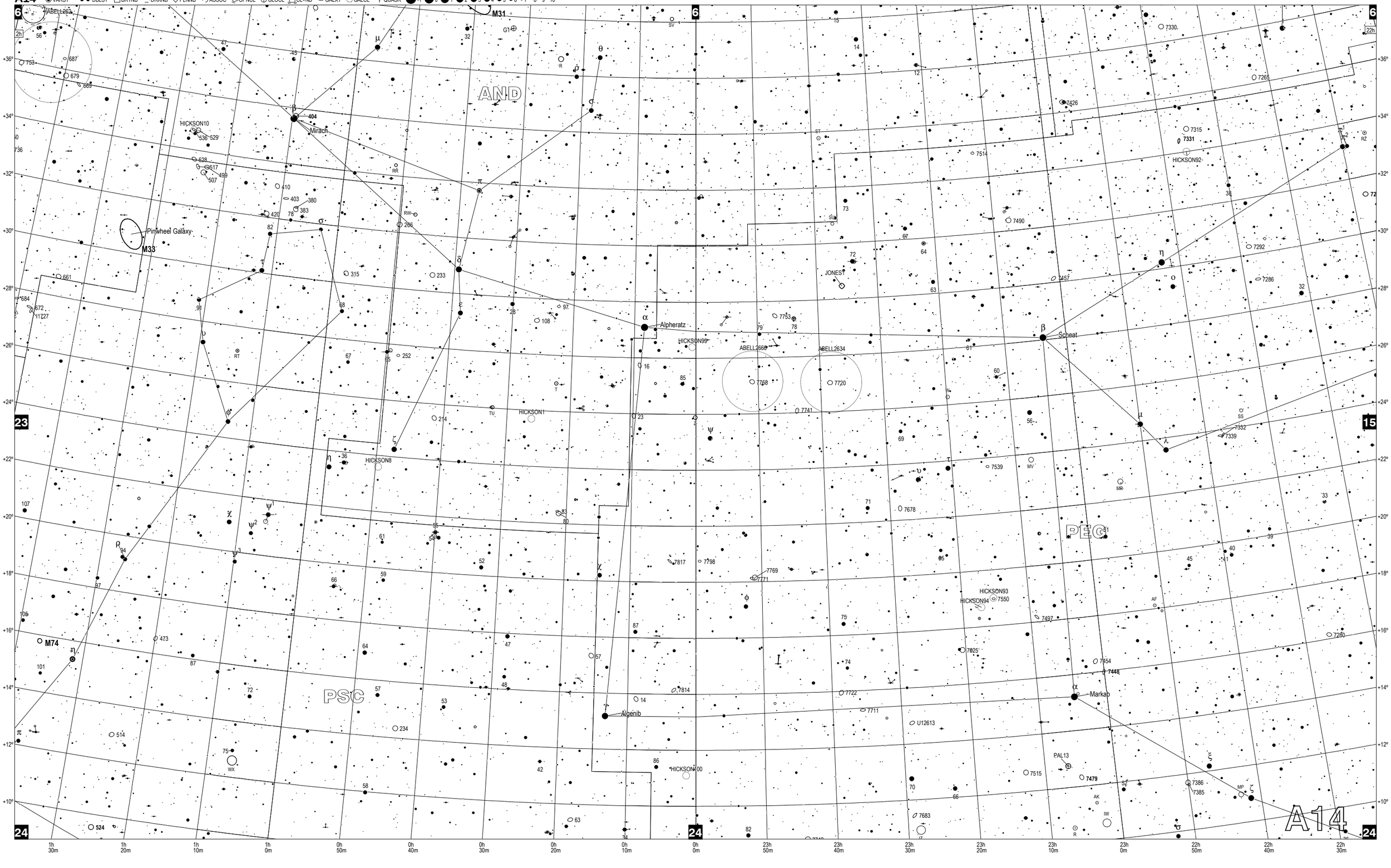
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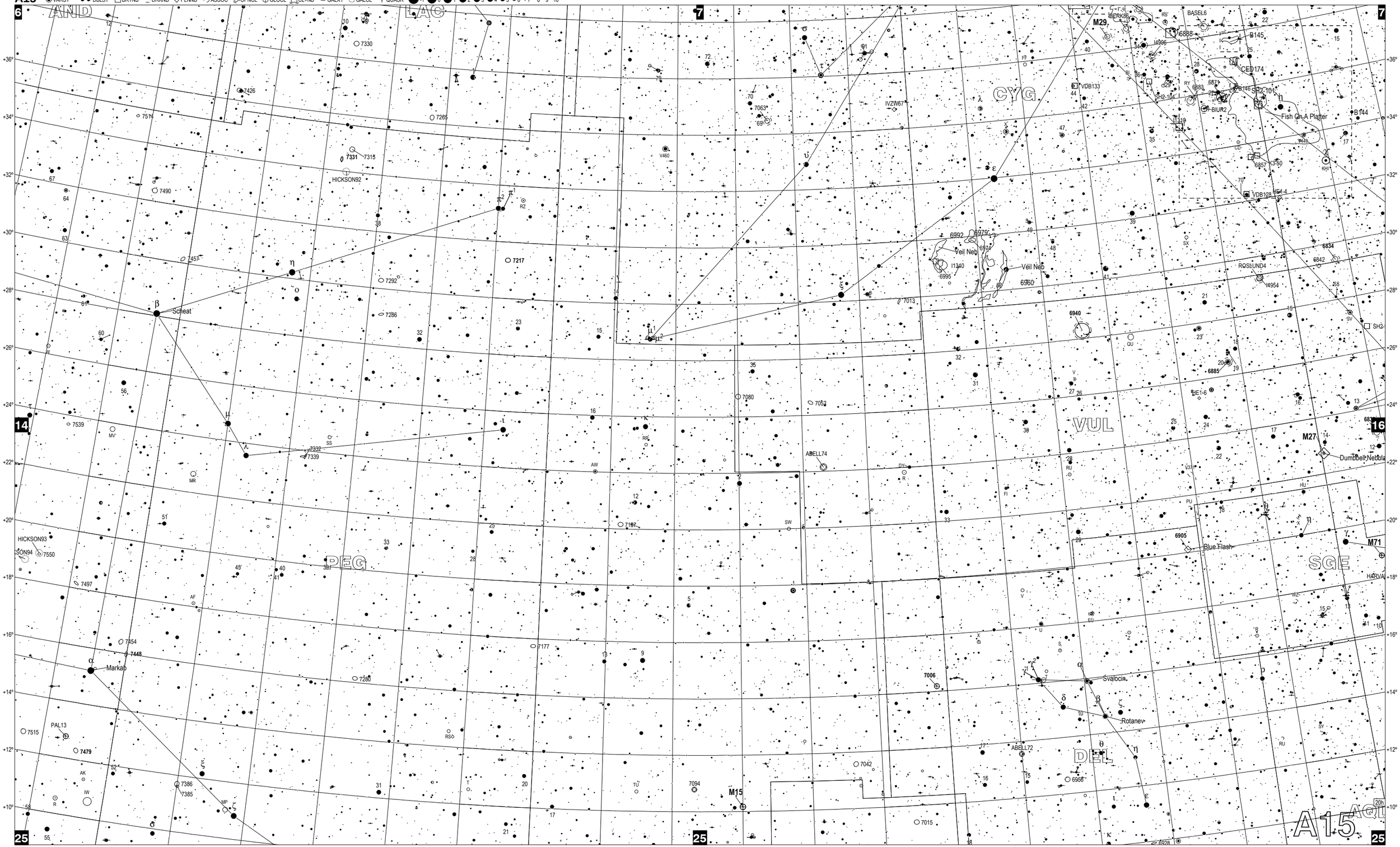
404

393

789

A13


AND
PEG
PSC
M31
M33
M74
Mirach
Alpheratz
Pinwheel Galaxy
Algenib
Scheat
Markab
HICKSON10
HICKSON8
HICKSON1
HICKSON99
HICKSON100
HICKSON92
HICKSON93
HICKSON94
JONES
PAL13
ABELL262
ABELL2668
ABELL2634
U12613
A14


AND
LAC
CYG
VUL
SGE
DEL
AQL
PEG
M29
M27
M71
M15
Veil Neb
Veil Neb
Fish On A Platter
Dumbbell Nebula
Blue Flash
Svalocin
Rotanev
Scheat
Markab
HICKSON92
HICKSON93
IVZW67
ABELL74
ABELL72
PAL13
BASEL6
ROSLUND4
BIUR2
VDB128
VDB133
CED174
SH2-104
SH2-10
SH2
HARVA
B144
B145
KH1-4
7331
7315
7426
7514
7285
7490
7457
7292
7286
7217
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7332
7339
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7177
7197
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7052
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7015
7006
7013
6992
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6995
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6888
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6956
7063

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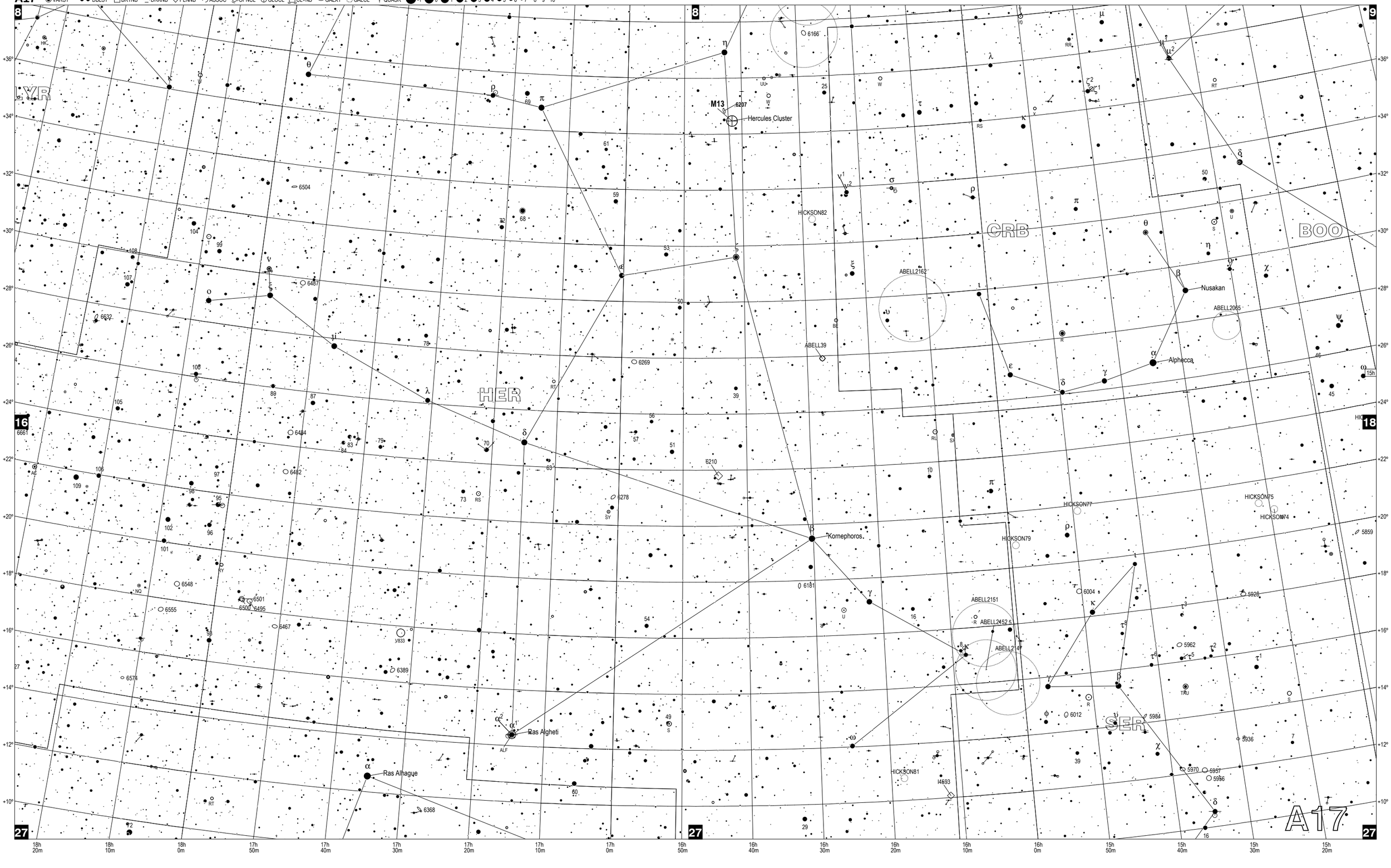
A16 ◉VARST ●–●DBLST □BRTNB ⌐DRKNB ◇PLNNB ( )ASSOC ◯OPNCL ⊕GLOCL ⊡CL+NB ⬭GALXY ◌GALCL +QUASR ⬤-1 ⬤0 ⬤1 ⬤2 ⬤3 ⬤4 ⬤5 ⬤6 ⬤7 ⬤8 ⬤9 ⬤10

M29 · BER98 · BASEL6 · I4996 · I4888 · B145 · VDB133 · CYG · S-SH2-104 · CED174 · SH2-101 · BIUR2 · B144 · Fish On A Platter · IVZW67 · 6992 · 6979 · 6995 · Veil Neb · Veil Neb · 6960 · 7013 · 6940 · ROSLUND4 · I4954 · 6834 · 6842 · M56 · Footprint Nebula · M1-92 · SH2-91 · Albireo · 6813 · SH2-90 · STOCK1 · SH2-88 · VUL · M27 · Dumbbell Nebula · 6830 · 6820 · 6823 · VDB126 · 6905 · Blue Flash · CR399 · Brocchi's Cluster · Coathanger · 6802 · M71 · HARVARD20 · SH2-84 · SH2-82 · PAL10 · ABELL63 · SGE · Svalocin · Rotaney · DEL · B334,336-7 · LDN684 · LDN673 · B142-3 · ABELL62 · AQL · STEPH1 · M57 · Shellak · Ring Neb · Sulaphat · LYR · 6504 · 6487 · 6882 · HER · 6674 · 6661 · 6454 · 6482 · 6548 · 6555 · 6501 · 6493 · 6495 · 6467 · 6574 · M3-27 · 6738 · 6799 · A16

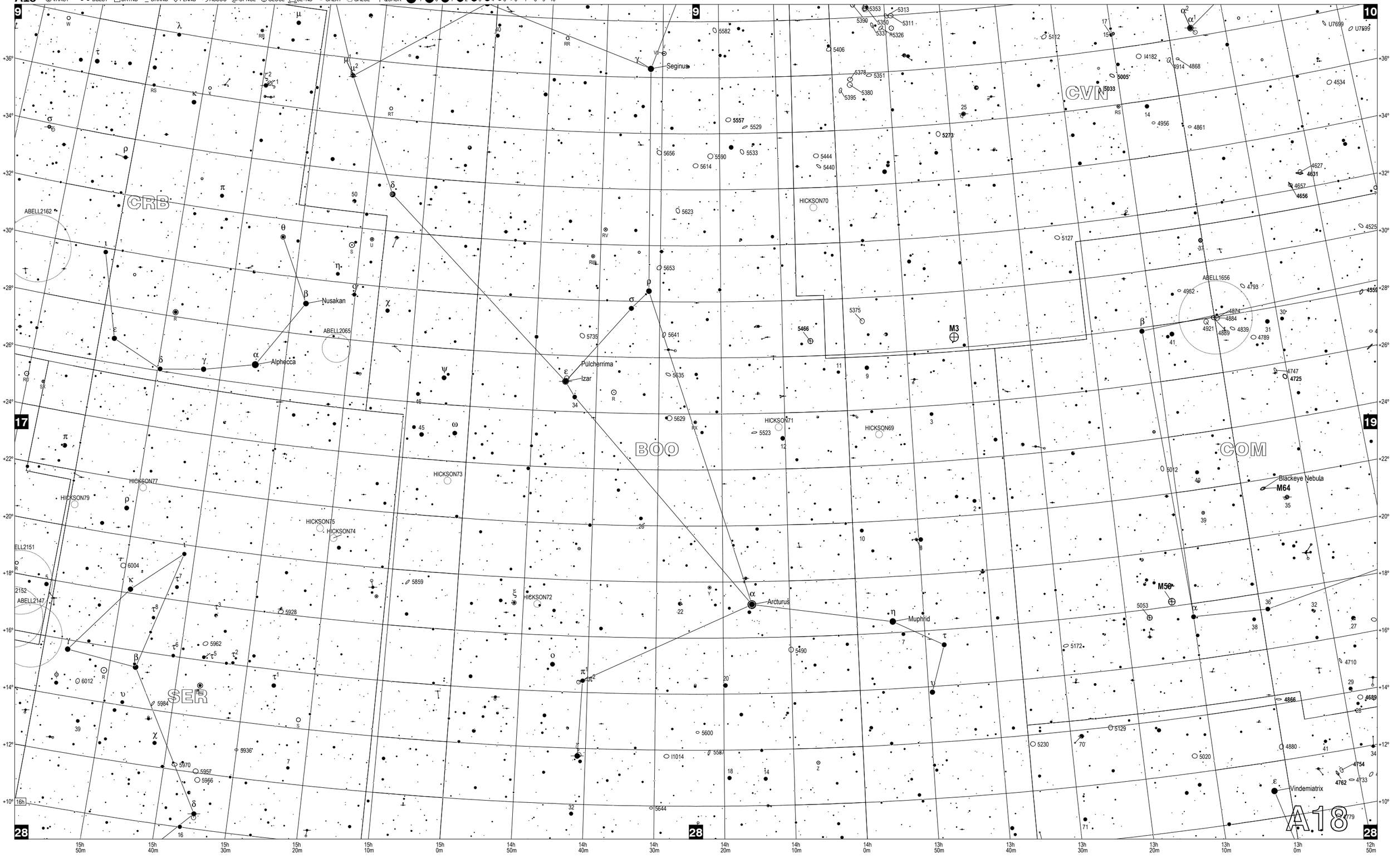
+36° +34° +32° +30° +28° +26° +24° +22° +20° +18° +16° +14° +12° +10°

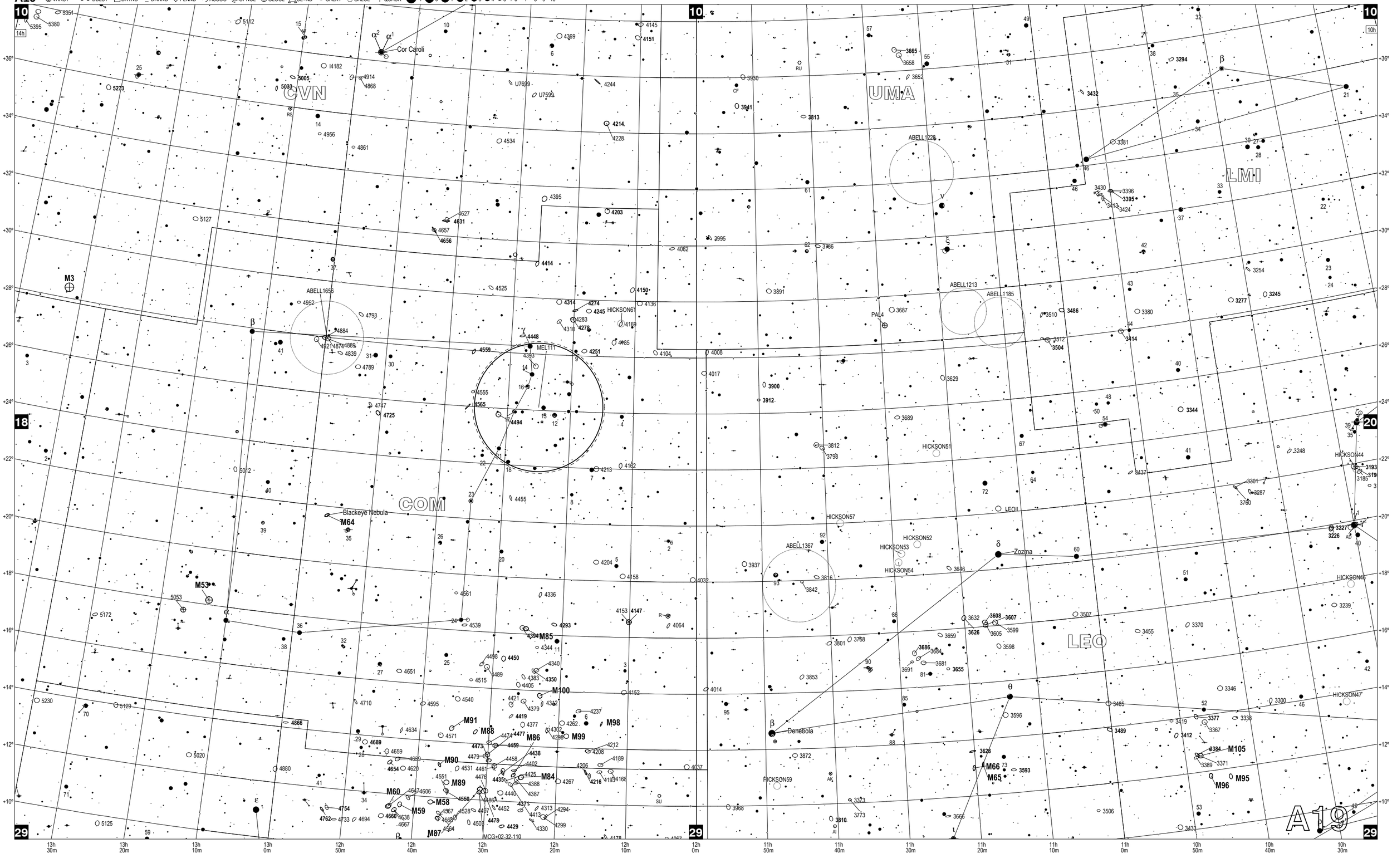
21h 20h40m 20h30m 20h20m 20h10m 20h0m 19h50m 19h40m 19h30m 19h20m 19h10m 19h0m 18h50m 18h40m 18h30m 18h20m 18h10m 18h0m 17h50m 17h40m

7 8 15 17 26


M13
6207
Hercules Cluster
6166
6504
6457
6632
6269
6484
6482
6278
6210
6181
6548
6555
6501
6500
6495
6467
6389
6574
6368
HICKSON82
ABELL2162
ABELL39
ABELL2065
ABELL2151
ABELL2452.5
ABELL2147
HICKSON77
HICKSON79
HICKSON75
HICKSON74
HICKSON81
6004
6012
5984
5970
5957
5956
5962
5936
5926
5859
4693
Nusakan
Alphecca
Kornephoros
Ras Algheti
Ras Alhague
HER
CRB
BOO
SER
+36°
+34°
+32°
+30°
+28°
+26°
+24°
+22°
+20°
+18°
+16°
+14°
+12°
+10°
18h 20m
18h 10m
18h 0m
17h 50m
17h 40m
17h 30m
17h 20m
17h 10m
17h 0m
16h 50m
16h 40m
16h 30m
16h 20m
16h 10m
16h 0m
15h 50m
15h 40m
15h 30m
15h 20m
15h

A17


CRB
BOO
SER
CVN
COM
Seginus
Nusakan
Alphecca
Pulcherrima
Izar
Arcturus
Muphrid
Blackeye Nebula
M64
M3
M53
Vindemiatrix
ABELL2162
ABELL2065
ABELL2151
ABELL2147
ABELL1656
HICKSON70
HICKSON71
HICKSON69
HICKSON73
HICKSON77
HICKSON79
HICKSON75
HICKSON74
HICKSON72
A18


CVN
UMA
LMI
COM
LEO
Cor Caroli
Blackeye Nebula
M64
M53
M3
M85
M100
M91
M88
M86
M99
M98
M90
M89
M84
M60
M58
M59
M87
MEL111
HICKSON61
ABELL1656
ABELL1228
ABELL1213
ABELL1185
ABELL1367
PAL4
HICKSON59
HICKSON57
HICKSON52
HICKSON53
HICKSON54
HICKSON51
HICKSON44
HICKSON46
HICKSON47
LEO II
MCG+02-32-110
Zozma
Denebola
M105
M95
M96
M66
M65
A19

TRIATLAS Second edition by José R. Torres Lapasió and Casey Skelton - generated with CNebulaX in January 2009 (http://www.uv.es/jrtorres) - Deep Sky Atlas (Epoch 2000.0) - Chart A20 - R.A.: 08h24.0m to 10h48.0m / DEC.: +12°51' to +38°34'

A20 VARST DBLST BRTNB DRKNB PLNNB ASSOC OPNCL GLOCL CL+NB GALXY GALCL QUASR -1 0 1 2 3 4 5 6 7 8 9 10

UMA LYN LMI LEO GEM CNC

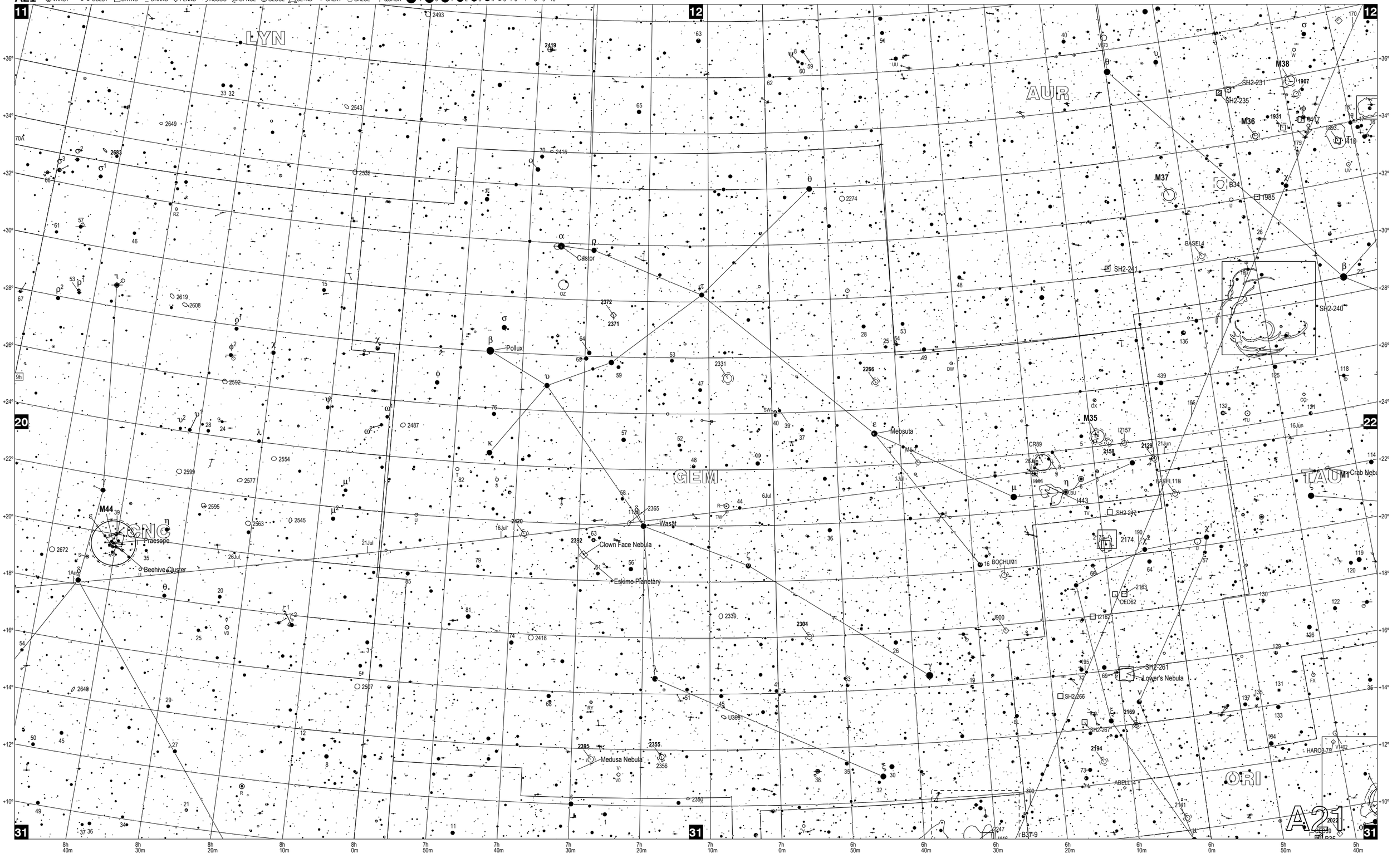
ABELL1228 ABELL1213 ABELL1185 ABELL179 HICKSON37 HICKSON44 HICKSON46 HICKSON47 HICKSON36 HICKSON38 LEOII Zozma

M44 Praesepe Beehive Cluster M67 M105 M96 M95

A20

TRIATLAS Second edition by José R. Torres Lapasió and Casey Skelton - generated with CNebulaX in January 2009 (http://www.uv.es/jrtorres) - Deep Sky Atlas (Epoch 2000.0) - Chart A21 - R.A.: 06h00.0m to 08h24.0m / DEC.: +12°51' to +38°34'

A21 VARST DBLST BRTNB DRKNB PLNNB ASSOC OPNCL GLOCL CL+NB GALXY GALCL QUASR -1 0 1 2 3 4 5 6 7 8 9 10



TRIATLAS Second edition by José R. Torres Lapasió and Casey Skelton - generated with CNebulaX in January 2009 (http://www.uv.es/jrtorres) - Deep Sky Atlas (Epoch 2000.0) - Chart A22 - R.A.: 03h36.0m to 06h00.0m / DEC.: +12°51' to +38°34'

A22 VARST DBLST BRTNB DRKNB PLNNB ASSOC OPNCL GLOCL CL+NB GALXY GALCL QUASR -1 0 1 2 3 4 5 6 7 8 9 10

12 12 13

AUR PER GEM TAU ORI ARI

M38 M36 M37 M35 M1

SH2-235 SH2-231 SH2-241 SH2-240 SH2-247 SH2-261 SH2-266 SH2-267

Alnath Crab Nebula Flaming Star Nebula California Nebula Lower's Nebula

Aldebaran Hyades Pleiades Taygeta Maia Alcyone Atlas Electra Merope

Struve's Lost Nebula Hind's Variable Nebula

B34 B29 B30-2,225 B1,2,202-6 B3,4 B5

VDB24 VDB31 VDB29 VDB37 VDB16 VDB23

ABELL07 BASEL4 BASEL11B BOCHUM1 CED62 CED33 CED34 CED19H CED9C CED49E CED9F CED19C HARO3-29 HARO3-75 HICKSON33 MCG+02-14-001 MEL25 PAL2 BAADE1 ABELL14 K2-1 B26-8 CR89 CR65 CR69

A22

+36° +34° +32° +30° +28° +26° +24° +22° +20° +18° +16° +14° +12° +10°

6h 20m 6h 10m 6h 0m 5h 50m 5h 40m 5h 30m 5h 20m 5h 10m 5h 0m 4h 50m 4h 40m 4h 30m 4h 20m 4h 10m 4h 0m 3h 50m 3h 40m 3h 30m 3h 20m

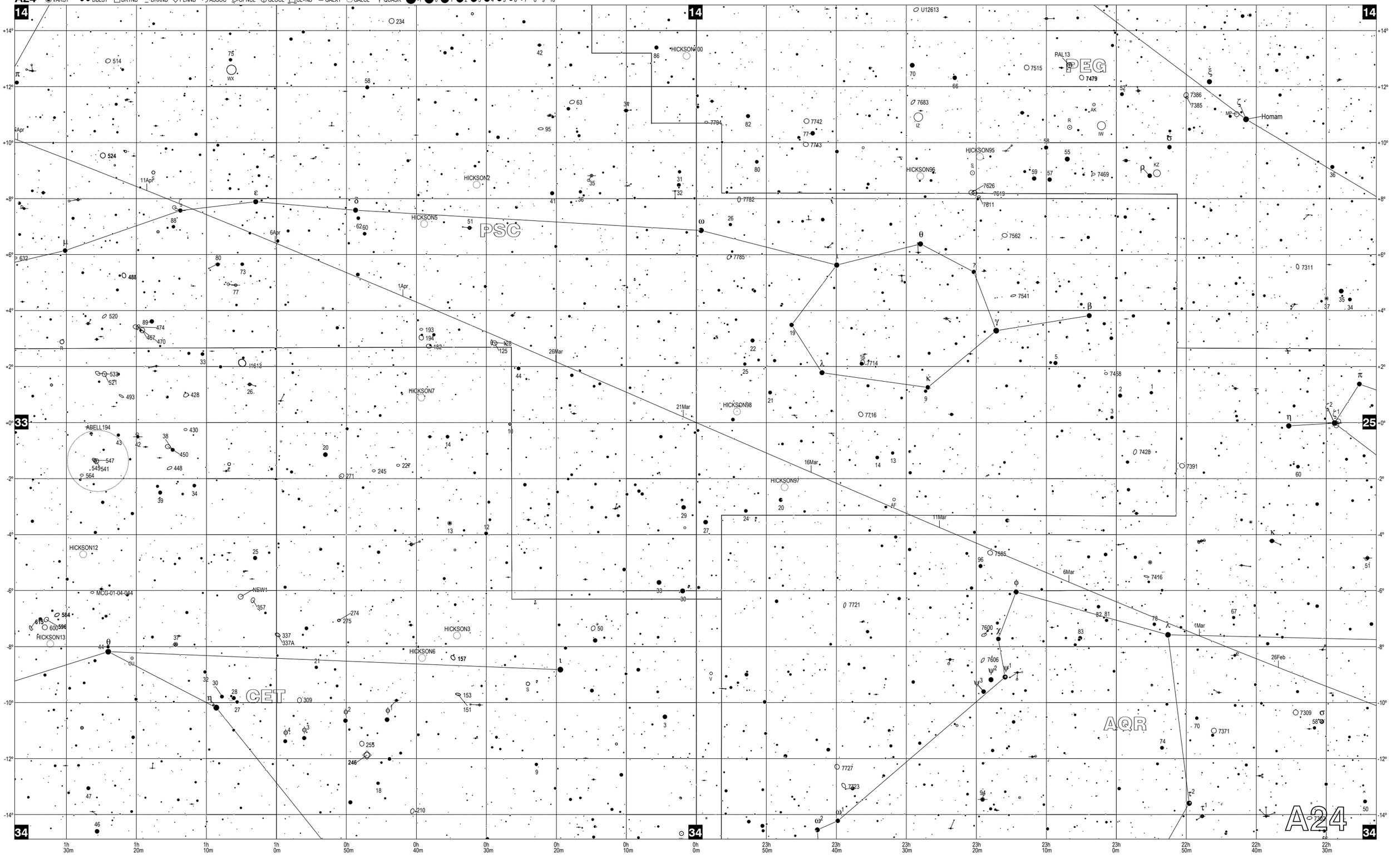
TRIATLAS Second edition by José R. Torres Lapasió and Casey Skelton - generated with CNebulaX in January 2009 (http://www.uv.es/jrtorres) - Deep Sky Atlas (Epoch 2000.0) - Chart A23 - R.A.: 01h12.0m to 03h36.0m / DEC.: +12°51' to +38°34'

A23 VARST DBLST BRTNB IDRKNB PLNNB ASSOC OPNCL GLOCL CL+NB GALXY GALCL QUASR -1 0 1 2 3 4 5 6 7 8 9 10

PER AND TRI ARI TAU PSC

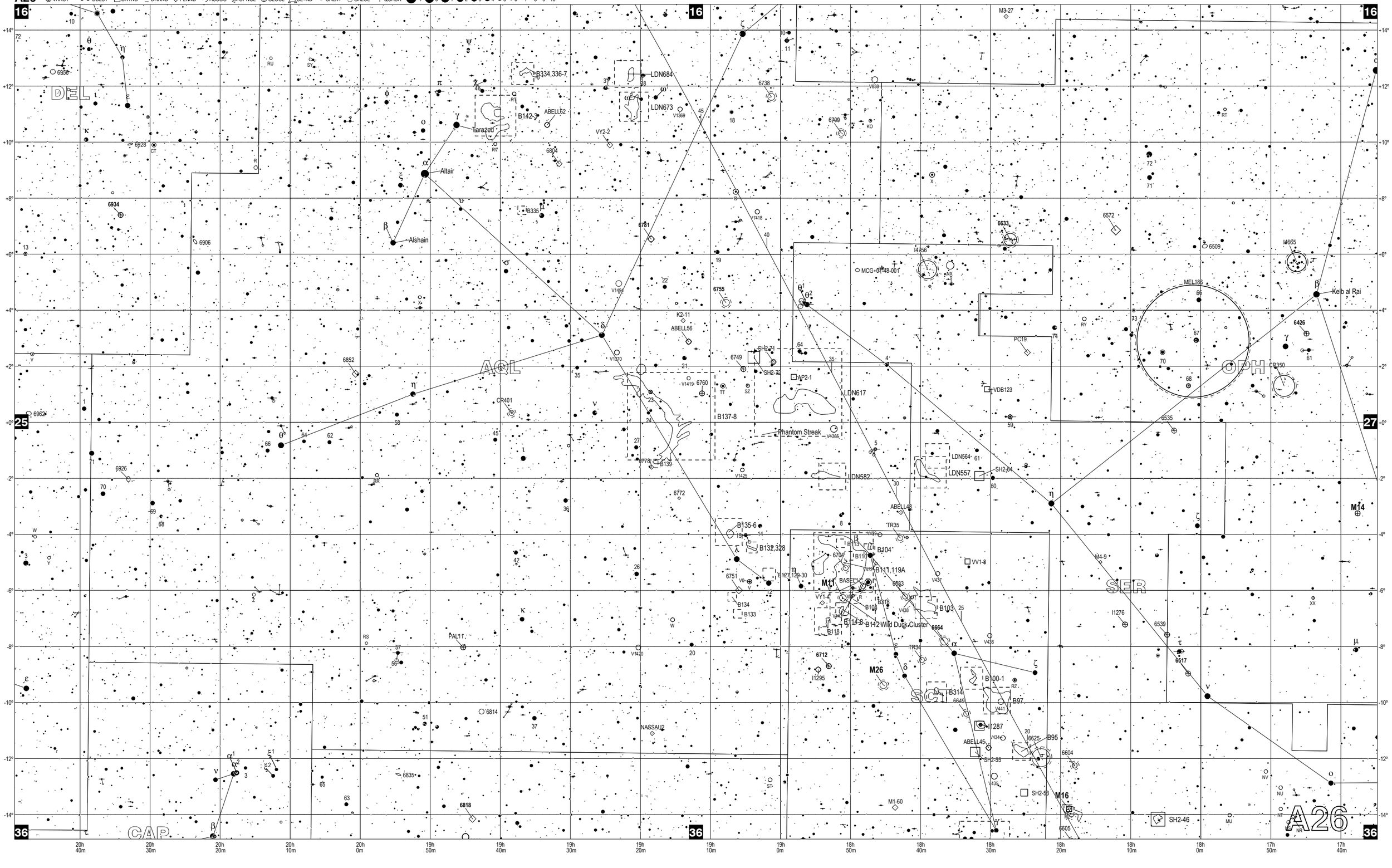
California Nebula · Pinwheel Galaxy · M33 · M45 · Taygeta · Electra · Maia · Merope · Atlas · Alcyone · Pleiades · Mirach · Hamal · Sheratan · M74 · ABELL262 · ABELL407 · HICKSON10 · HICKSON8 · HICKSON17 · HICKSON18 · HICKSON20 · B5 · B3,4 · B1,2,202-6 · VDB16 · VDB23 · VDB24 · BAADE1 · CR21 · U1551 · WX · RR · RW · RT · YY · YZ

A23


PSC
CET
AQR
PEG
PAL13
HICKSON2
HICKSON3
HICKSON5
HICKSON6
HICKSON7
HICKSON12
HICKSON13
HICKSON95
HICKSON96
HICKSON97
HICKSON98
ABELL194
MCG-01-04-044
NEW1
Homam
1Apr
6Apr
11Apr
21Mar
16Mar
11Mar
6Mar
1Mar
26Feb
26Mar
A24

PEG
DEL
EQU
AQR
CAP
AQL
PSC

Homam
Enif
Sadalmelik
Sadachbia
Sadalsud
Albali
Baxendell's Unphotographable Nebula
Saturn Neb
HICKSON89
HICKSON88
ABELL72
M15
M2
M73
M72
6852
6934
7009
A25


DEL
AQL
CAP
SER
OPH
SCT
Altair
Alshain
Tiarazed
Kelb al Rai
Phantom Streak
B142-3
B334,336-7
LDN684
LDN673
B335
B137-8
LDN617
LDN582
LDN564
LDN557
B135-6
B132,328
B127,129-30
B134
B133
B14-8
B12 Wild Duck Cluster
B118
B113
B110
B104
B111,119A
B103
B100-1
B97
B95
B314
M11
M26
M16
M14
M4-9
M3-27
M1-60
MEL186
MCG+01-48-001
ABELL62
ABELL56
ABELL43
ABELL45
VY2-2
K2-11
AP2-1
PC19
VDB123
SH2-71
SH2-72
SH2-64
SH2-85
SH2-53
SH2-46
CR401
CR350
NAISSAU2
PAL11
TR35
TR34
VV1-8
6956
6926
6962
6906
6934
6852
6814
6835
6818
6772
6778
6738
6799
6804
6781
6755
6749
6760
6712
6704
6751
6683
6664
6633
6572
6509
6426
6539
6535
6625
6604
6605
6617
I4756
I4665
I1418
I1276
I1295
I1287

TRIATLAS Second edition by José R. Torres Lapasió and Casey Skelton - generated with CNebulaX in January 2009 (http://www.uv.es/jrtorres) - Deep Sky Atlas (Epoch 2000.0) - Chart A27 - R.A.: 15h36.0m to 18h00.0m / DEC.: -12°51' to +12°51'

A27 VARST DBLST BRTNB DRKNB PLNNB ASSOC OPNCL GLOCL CL+NB GALXY GALCL QUASR -1 0 1 2 3 4 5 6 7 8 9 10

Ras Alhague
Kelb al Rai
Unukalhay
White Eyed Pea
Zuben Elc
HICKSON81
HICKSON83
HICKSON76
LDN134
NASSAU1
MEL186
SH2-53
SH2-46
HER
OPH
SER
LIB
SCO
M5
M10
M12
M14
M16
M107
A27

TRIATLAS Second edition by José R. Torres Lapasió and Casey Skelton - generated with CNebulaX in January 2009 (http://www.uv.es/jrtorres) - Deep Sky Atlas (Epoch 2000.0) - Chart A28 - R.A.: 13h12.0m to 15h36.0m / DEC.: -12º51' to +12º51'

A28 VARST DBLST BRTNB DRKNB PLNNB ASSOC OPNCL GLOCL CL+NB GALXY GALCL QUASR -1 0 1 2 3 4 5 6 7 8 9 10

18 18 18 27 29 38 38 38

BOO VIR LIB SER

Vindemiatrix Zuben Elchamali Unukalhai Spica

HICKSON76 HICKSON64 HICKSON67 HICKSON62 LDN134 PAL5 M5

16Oct 21Oct 26Oct

+14° +12° +10° +8° +6° +4° +2° +0° -2° -4° -6° -8° -10° -12° -14°

16h 0m 15h 50m 15h 40m 15h 30m 15h 20m 15h 10m 15h 0m 14h 50m 14h 40m 14h 30m 14h 20m 14h 10m 14h 0m 13h 50m 13h 40m 13h 30m 13h 20m 13h 10m 13h 0m 12h 50m

A28

TRIATLAS Second edition by José R. Torres Lapasió and Casey Skelton - generated with CNebulaX in January 2009 (http://www.uv.es/jrtorres) - Deep Sky Atlas (Epoch 2000.0) - Chart A29 - R.A.: 10h48.0m to 13h12.0m / DEC.: -12º51' to +12º51'

A29 VARST DBLST BRTNB IDRKNB PLNNB ASSOC OPNCL GLOCL CL+NB GALXY GALCL QUASR -1 0 1 2 3 4 5 6 7 8 9 10

Vindemiatrix
Siamese Twins
MCG+02-32-110
Zawijah
Spica
Sombrero Galaxy
M104
HICKSON59
HICKSON58
HICKSON64
HICKSON62
HICKSON47
MCG+01-27-026
LEO
VIR
SEX
CRT
A29

TRIATLAS Second edition by José R. Torres Lapasió and Casey Skelton - generated with CNebulaX in January 2009 (http://www.uv.es/jrtorres) - Deep Sky Atlas (Epoch 2000.0) - Chart A30 - R.A.: 08h24.0m to 10h48.0m / DEC.: -12º51' to +12º51'

A30 VARST DBLST BRTNB IDRKNB PLNNB ASSOC OPNCL GLOCL CL+NB GALXY GALCL QUASR -1 0 1 2 3 4 5 6 7 8 9 10

LEO
SEX
CRT
HYA
CNC
M105
M96
M95
M67
M48
Regulus
Alphard
Spindle Neb
HICKSON47
HICKSON38
HICKSON43
HICKSON39
HICKSON40
MCG-01-25-011
MCG-01-24-001
MCG+01-27-026
UGCA205
ABELL31
ABELL33
ABELL34
21Aug
26Aug
1Sep
6Sep
16Aug

Medusa Nebula
Gomeisa
Procyon
Christmas Tree Cluster
Cone Nebula
B37-9
Hubble's Variable Nebula
Betelgeuse
Rosette Nebula
SH2-282
Barnard's Loop
M78
M48
M50
M46
M47
HARO3-75
ABELL12
ABELL24
BOCHUM2
BOCHUM3
HAFFNER8
HAFFNER6
BASEL11A
MEL72
MEL71
GUM1
CED90
LDN1622
VDB49
VDB1
B35
B36
B33-2023
SH2-294
K1-8
PB1

TRIATLAS Second edition by José R. Torres Lapasió and Casey Skelton - generated with CNebulaX in January 2009 (http://www.uv.es/jrtorres) - Deep Sky Atlas (Epoch 2000.0) - Chart A32 - R.A.: 03h36.0m to 06h00.0m / DEC.: -12°51' to +12°51'

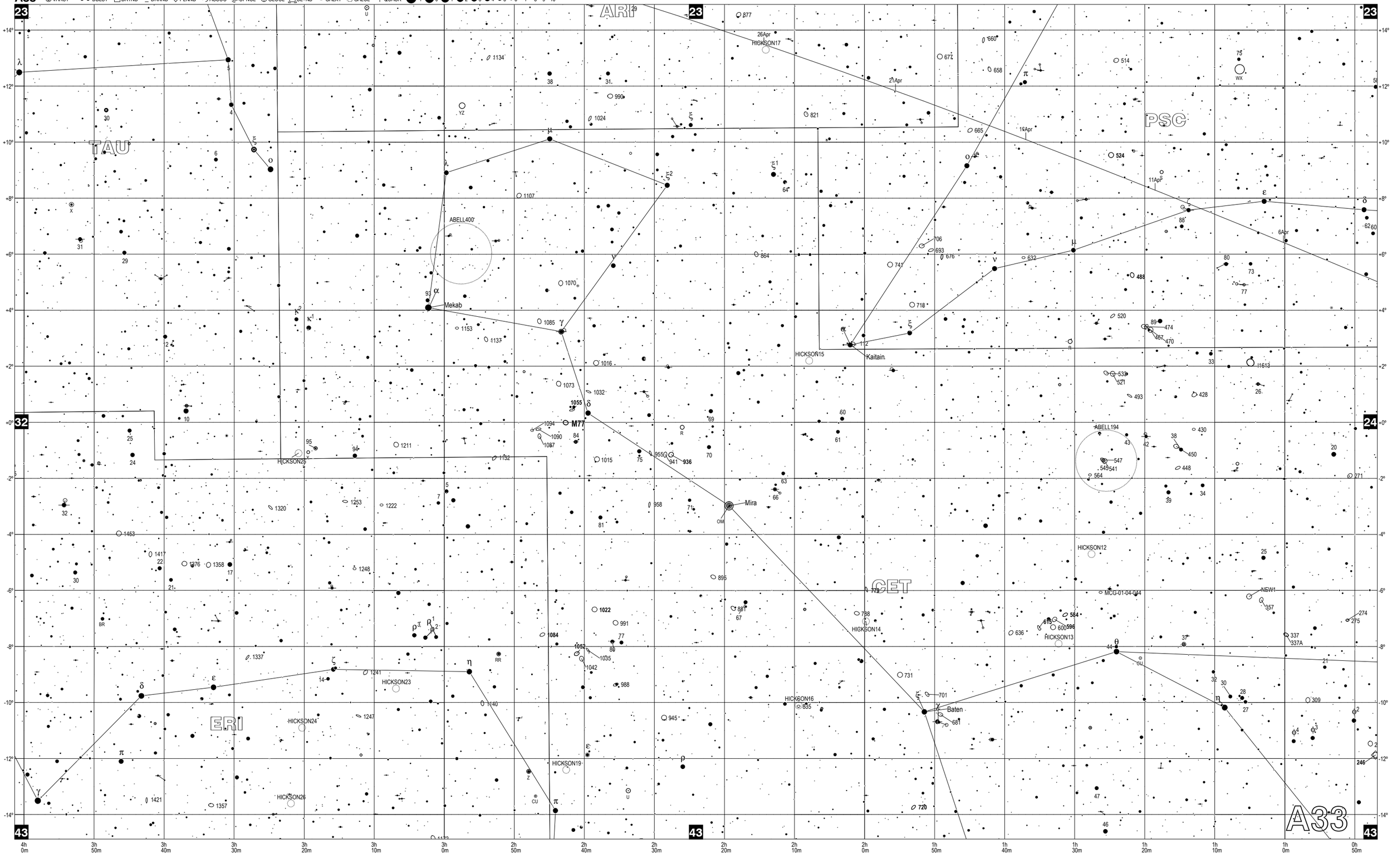
A32 VARST DBLST BRTNB IDRKNB PLNNB ASSOC OPNCL GLOCL CL+NB GALXY GALCL QUASR -1 0 1 2 3 4 5 6 7 8 9 10

SH2-267 2169 2194 FX 137 136 131 133 134 73 74 ABELL 14 200 2141 75 ABELL12 2022 B35 CED59 V1402 HARO3-75 B30-2,225 MCG+02-14-001 VDB37 CR69 V451 SH2-264 18 16 13 14 662 88 90 93 79 76 83 60 57 TAU VDB26 66 47 46 30 31 29 45 40 6 4 5 x R

Betelgeuse ALF V1259 52 B36 ABELL10 HICKSON34 ABELL539 VDB38 SH2-263 Bellatrix MCG+01-14-037 MCG+01-13-013 1819 1691 1550 2186 CR92 63 32 ORI VDB49 38 33 66 CR91 LDN1622 59 56 Barnard's Loop 2112 60 51 M78 2071 2067 V351 2064 CR70 I426 I423 Alnilam I990 I435 I432 2024 I434 Horsehead Nebula B33 2023 Tank Track Nebula SH2-276 Mintaka 22 27 31 21 I88 LDN1616 1981 M42 1976 1973 1977 1924 Orion Nebula LDN1641 MCG-01-15-003 M43 1980 1999 I430 49 2215 2183 2182 2170 2185 55 29 Rigel 2149 6 3 Witch-Head Neb 1726 1752 1909 I2118 1779 1723 1784 I418 1888 1954 8 64 53 1589 1587 1620 1635 1638 1653 1637 1625 1622 1507 1320 1463 1417 1376 1358 1659 1600 1667 1700 62 68 66 HICKSON31 HICKSON30 HICKSON28 HICKSON27 HICKSON25 HICKSON24 HICKSON26 1337 1421 1357 1253 1248 ERI 39 37 35 25 24 10 95 94 22 17 21 14 12 53 RX RZ EY EV BR

+14° +12° +10° +8° +6° +4° +2° +0° -2° -4° -6° -8° -10° -12° -14°

6h 20m 6h 10m 6h 0m 5h 50m 5h 40m 5h 30m 5h 20m 5h 10m 5h 0m 4h 50m 4h 40m 4h 30m 4h 20m 4h 10m 4h 0m 3h 50m 3h 40m 3h 30m 3h 20m


TAU
ARI
PSC
ERI
CET
M77
Mekab
Kaitain
Mira
Baten
ABELL400
ABELL194
HICKSON25
HICKSON26
HICKSON24
HICKSON23
HICKSON19
HICKSON16
HICKSON15
HICKSON14
HICKSON13
HICKSON12
HICKSON17
MCG-01-04-044
NEW1
WX
OMI
RR
CU
A33
23
32
24
43
+14°
+12°
+10°
+8°
+6°
+4°
+2°
0°
-2°
-4°
-6°
-8°
-10°
-12°
-14°
4h 0m
3h 50m
3h 40m
3h 30m
3h 20m
3h 10m
3h 0m
2h 50m
2h 40m
2h 30m
2h 20m
2h 10m
2h 0m
1h 50m
1h 40m
1h 30m
1h 20m
1h 10m
1h 0m
0h 50m

CET

AQR

PSA

SCL

Diphda

Skat

Fomalhaut

Helix Nebula

SCULPTORDWARF

BLANCO1

WLM

CED211

MCG-03-03-011

HICKSON4

HICKSON9

HICKSON11

A34

TRIATLAS Second edition by José R. Torres Lapasió and Casey Skelton - generated with CNebulaX in January 2009 (http://www.uv.es/jrtorres) - Deep Sky Atlas (Epoch 2000.0) - Chart A35 - R.A.: 20h24.0m to 22h48.0m / DEC.: -38°34' to -12°51'

A35 VARST DBLST BRTNB DRKNB PLNNB ASSOC OPNCL GLOCL CL+NB GALXY GALCL QUASR -1 0 1 2 3 4 5 6 7 8 9 10

AQR PSA CAP SCL MIC SGR

Deneb Algiedi Skat Helix Nebula Fomalhaut

M30 M72 M73 M75

HICKSON87 HICKSON90 HICKSON91 HICKSON86

PAL12

11Feb 16Feb 6Feb 1Feb 26Jan 21Jan 16Jan

A35

TRIATLAS Second edition by José R. Torres Lapasió and Casey Skelton - generated with CNebulaX in January 2009 (http://www.uv.es/jrtorres) - Deep Sky Atlas (Epoch 2000.0) - Chart A36 - R.A.: 18h00.0m to 20h24.0m / DEC.: -38°34' to -12°51'

A36 VARST DBLST BRTNB IDRKNB PLNNB ASSOC OPNCL GLOCL CL+NB GALXY GALCL QUASR -1 0 1 2 3 4 5 6 7 8 9 10

TRIATLAS Second edition by José R. Torres Lapasió and Casey Skelton - generated with CNebulaX in January 2009 (http://www.uv.es/jrtorres) - Deep Sky Atlas (Epoch 2000.0) - Chart A37 - R.A.: 15h36.0m to 18h00.0m / DEC.: -38°34' to -12°51'

SER
OPH
SCO
SGR
LUP
LIB
CEN

M16 Eagle Nebula
M17 Omega Nebula
M18
M24
M23
M25
M21
M20 Trifid Nebula
M8 Lagoon Nebula
M28
M9
M107
M80
M4
M19
M62
M6
M7
M69
M12
M10
M14
M5
M3
M53
M2
M15
M30
M75
M54
M22
M55
M70
M56
M79
M72
M73
M71
M11
M26
M29
M39
M52
M103
M76
M27
M57
M13
M92
M31
M32
M110
M33
M74
M77
M34
M45
M1
M42
M78
M35
M36
M37
M38
M41
M50
M46
M47
M48
M93
M67
M44
M40
M81
M82
M97
M65
M66
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M105
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M100
M85
M88
M91
M64
M63
M94
M106
M83
M68
M102
M101
M51
M61
M60
M49
M59
M90
M89
M84
M86
M87
M58
M104
M109
M108

Antares
Graffias
Zuben Elakrab
Shaula
Rasalhague
Kaus Australis
Sabik
Rasalgethi
Unukalhai
Alphecca
Atria
Pipe Nebula
Bug Nebula
Little Ghost
Crescent
Tom Thumb Cluster
Parrot's Head
Inkspot
Ant Nebula
Red Spider Nebula
Blue Planetary
Cat's Eye Nebula
Ring Nebula
Dumbbell Nebula
Hercules Cluster
Great Hercules Cluster
Wild Duck Cluster
Pleiades
Hyades
Beehive Cluster
Double Cluster
Perseus Cluster
Coma Cluster
Virgo Cluster
Andromeda Galaxy
Triangulum Galaxy
Whirlpool Galaxy
Sunflower Galaxy
Pinwheel Galaxy
Leo Triplet
Leo Group
Ursa Major Group
Owl Nebula
Bode's Galaxy
Cigar Galaxy
Southern Pinwheel Galaxy
Centaurus A
Omega Centauri
47 Tucanae
Eta Carinae Nebula
Carina Nebula
Jewel Box
Southern Pleiades
Coalsack
Wishing Well Cluster
Helix Nebula
Saturn Nebula
Blinking Planetary
Ghost of Jupiter
Eskimo Nebula
Cocoon Nebula
Crab Nebula
Veil Nebula
Cygnus Loop
Dolphin Head Nebula
Crescent Nebula
Soul Nebula
Heart Nebula
Double Cluster
Cassiopeia A
Tycho's Star
Kepler's Star
Cassiopeia Galaxy
Perseus A
Fornax A
Sculptor Galaxy
Sombrero Galaxy
Silver Coin Galaxy
Black Eye Galaxy
Sunflower Galaxy
Whirlpool Galaxy
Pinwheel Galaxy
Leo Triplet
Leo Group
Ursa Major Group
Owl Nebula
Bode's Galaxy
Cigar Galaxy
Southern Pinwheel Galaxy
Centaurus A
Omega Centauri
47 Tucanae
Eta Carinae Nebula
Carina Nebula
Jewel Box
Southern Pleiades
Coalsack
Wishing Well Cluster
Helix Nebula
Saturn Nebula
Blinking Planetary
Ghost of Jupiter
Eskimo Nebula
Cocoon Nebula
Crab Nebula
Veil Nebula
Cygnus Loop
Dolphin Head Nebula
Crescent Nebula
Soul Nebula
Heart Nebula
Double Cluster
Cassiopeia A
Tycho's Star
Kepler's Star
Cassiopeia Galaxy
Perseus A
Fornax A
Sculptor Galaxy
Sombrero Galaxy
Silver Coin Galaxy
Black Eye Galaxy

TRIATLAS Second edition by José R. Torres Lapasió and Casey Skelton - generated with CNebulaX in January 2009 (http://www.uv.es/jrtorres) - Deep Sky Atlas (Epoch 2000.0) - Chart A38 - R.A.: 13h12.0m to 15h36.0m / DEC.: -38°34' to -12°51'

A38 VARST DBLST BRTNB DRKNB PLNNB ASSOC OPNCL GLOCL CL+NB GALXY GALCL QUASR -1 0 1 2 3 4 5 6 7 8 9 10

28 37 28 39 47 47 48

16h 20m 16h 10m 16h 0m 15h 50m 15h 40m 15h 30m 15h 20m 15h 10m 15h 0m 14h 50m 14h 40m 14h 30m 14h 20m 14h 10m 14h 0m 13h 50m 13h 40m 13h 30m 13h 20m 13h 10m 13h 0m 12h 50m 12h 40m 12h 30m

-10° -12° -14° -16° -18° -20° -22° -24° -26° -28° -30° -32° -34° -36°

LIB VIR HYA CEN LUP CRV

Zuben Elakrab Zuben Elgenubi

SH2-1 B228

M83 M68

ABELL36 ABELL1736 ABELL1735

HICKSON65 HICKSON63

MCG-03-34-014 ESO383-G087

16Nov. 21Nov 11Nov 6Nov 26Oct

A38

TRIATLAS Second edition by José R. Torres Lapasió and Casey Skelton - generated with CNebulaX in January 2009 (http://www.uv.es/jrtorres) - Deep Sky Atlas (Epoch 2000.0) - Chart A39 - R.A.: 10h48.0m to 13h12.0m / DEC.: -38°34' to -12°51'

A39 VARST DBLST BRTNB DRKNB PLNNB ASSOC OPNCL GLOCL CL+NB GALXY GALCL QUASR -1 0 1 2 3 4 5 6 7 8 9 10

VIR CRV CRT HYA CEN ANT

M104 M68 M83

Spica

Ringtail Galaxy

Antennae

MCG-03-34-014

MCG-03-28-004

Cbs Eye

Ghost Of Ju

ABELL36 ABELL35 ABELL1736 ABELL1060

HICKSON65 HICKSON63 HICKSON48

ESO383-G087

K1-22

29 38 40 48 14h 13h 12h 11h 10h

TRIATLAS Second edition by José R. Torres Lapasió and Casey Skelton - generated with CNebulaX in January 2009 (http://www.uv.es/jrtorres) - Deep Sky Atlas (Epoch 2000.0) - Chart A40 - R.A.: 08h24.0m to 10h48.0m / DEC.: -38°34' to -12°51'

A40 VARST DBLST BRTNB DRKNB PLNNB ASSOC OPNCL GLOCL CL+NB GALXY GALCL QUASR -1 0 1 2 3 4 5 6 7 8 9 10

30 30 30

-10° -12° -14° -16° -18° -20° -22° -24° -26° -28° -30° -32° -34° -36°

CRT HYA PYX ANT PUP

3411 FF 3145 ABELL34 2992 2902 2889 2855 2781 2763 2924 2907 2848 2811 2610 2525 2539 2517 2509 2479

3200 3242 Cbs Eye Ghost Of Jupiter 3124 HICKSON42 3091 3052 2983 2935 2921 2986 2996 2945 2665

3571 3450 MCG-03-28-004 3233 3081 2835 2865 2815/Q 2794 2717 2613

3511 3513 12627 44 3054 3109 3054/3078 3051 I2537 3089 3056 3175 3137 3082 3001 2997 2904 2627 2571 2567 2489 2482

3393 3313 ABELL1060 3203 HICKSON48 3308 3285 3336 3309 3311 3312 3685 3673 3483 3390 3302 3241 3449 3621 3606 K1-22 3706 3742 3573 3568 3557 3564 3250 3244 3132

3108 3095 3103 3100 3038 I2522 I2511 ESO373-G008 2658 2663 2818 2818A 2845 HE2-15 PISMIS5 2451 2477

3281 3269 3289 3267 3268 3271 3258 3273 3275 3358 3347

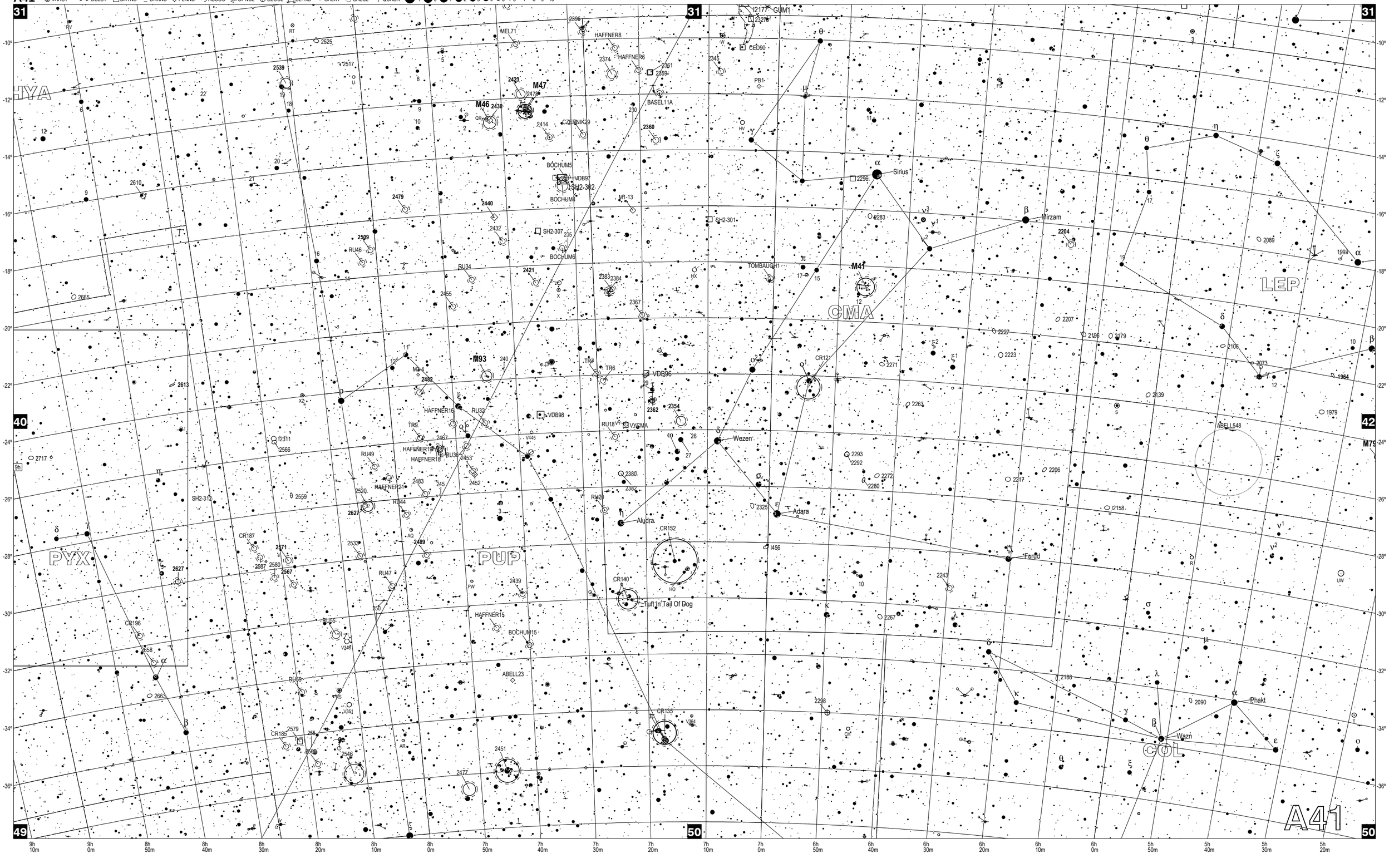
3087 3223 3222

I2311 2566 SH2-312 HAFFNER16 HAFFNER19 HAFFNER18 HAFFNER21 RU49 RU36 RU44 RU47 RU55 RU59 RU46 HAFFNER15 BOCHUM ABELL23 CR187 CR196 CR185 2579 2580 2587 2533 2520 2483 2453 2452 2546 2559

39 41 48 49

11h30m 11h20m 11h10m 11h0m 10h50m 10h40m 10h30m 10h20m 10h10m 10h0m 9h50m 9h40m 9h30m 9h20m 9h10m 9h0m 8h50m 8h40m 8h30m 8h20m 8h10m 8h0m 7h50m 7h40m

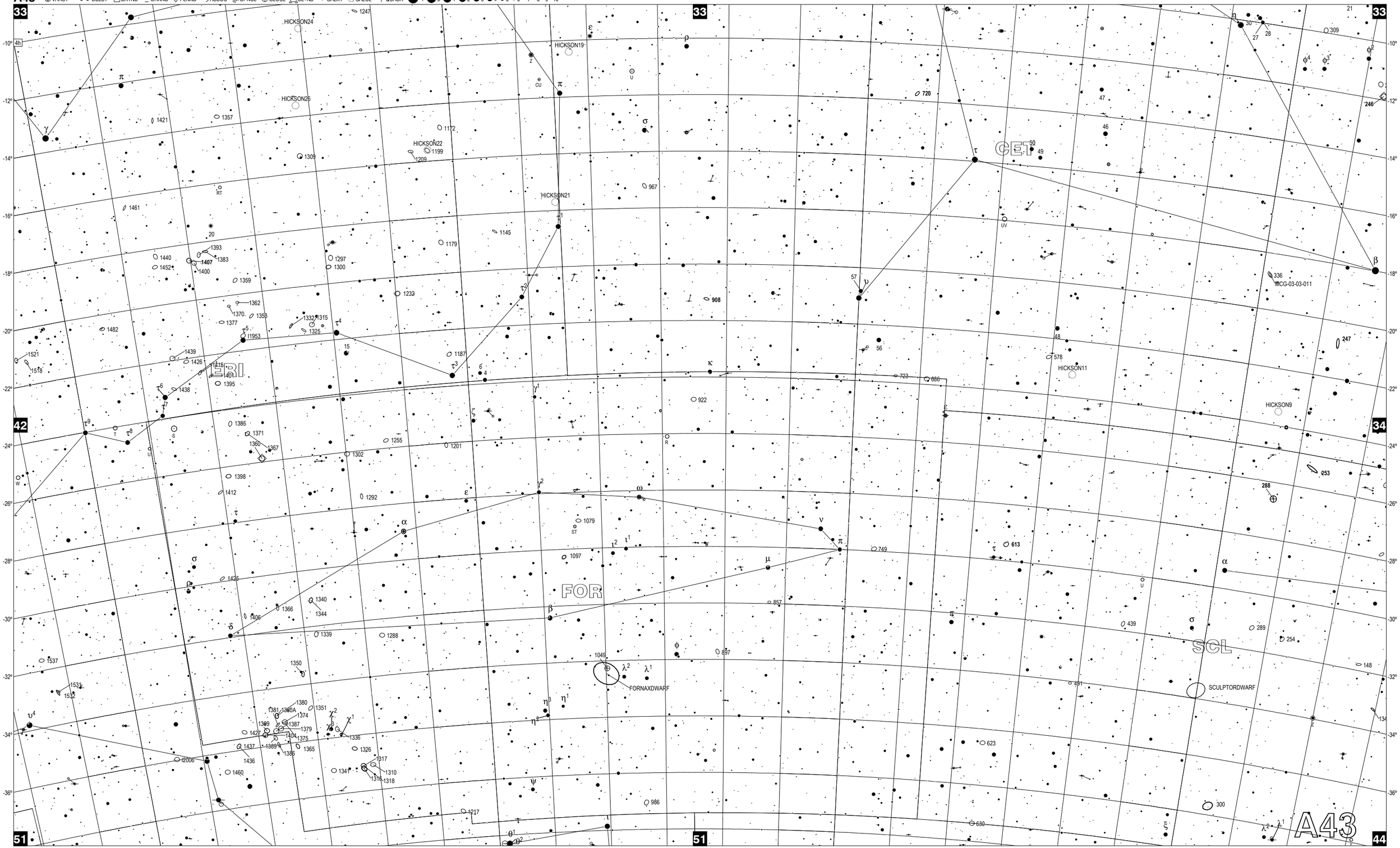
A40

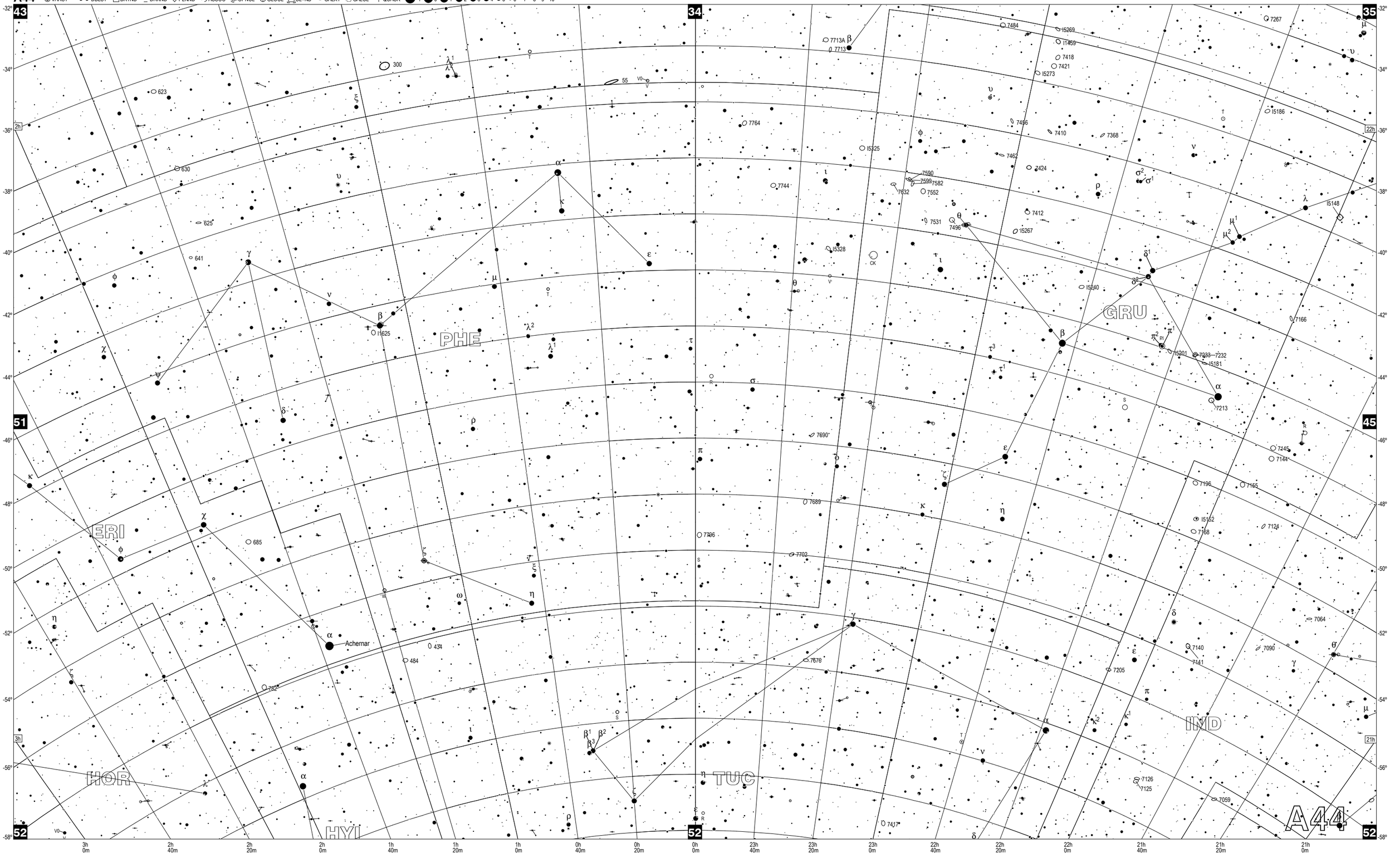

HYA
PYX
PUP
CMA
COL
LEP
M46
M47
M93
M41
Sirius
Mirzam
Wezen
Adara
Aludra
Furud
Phakt
Wazn
Tuft In Tail Of Dog
GUM1
HAFFNER8
HAFFNER6
MEL71
CZERNIK29
BASEL11A
BOCHUM5
BOCHUM4
VDB97
LSH2-302
M1-13
SH2-301
SH2-307
BOCHUM6
TOMBAUGH1
CR121
VDB96
VVCMA
HAFFNER16
HAFFNER15
BOCHUM15
ABELL23
CR132
CR140
CR135
HAFFNER21
HAFFNER19
HAFFNER18
SH2-312
CR187
CR196
CR185
RU34
RU32
RU49
RU44
RU47
RU55
RU59
VDB98
PB1
CED90
ABELL548
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50
-10°
-12°
-14°
-16°
-18°
-20°
-22°
-24°
-26°
-28°
-30°
-32°
-34°
-36°
9h 10m
9h 0m
8h 50m
8h 40m
8h 30m
8h 20m
8h 10m
8h 0m
7h 50m
7h 40m
7h 30m
7h 20m
7h 10m
7h 0m
6h 50m
6h 40m
6h 30m
6h 20m
6h 10m
6h 0m
5h 50m
5h 40m
5h 30m
5h 20m
A41

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A42 VARST DBLST BRTNB DRKNB PLNNB ASSOC OPNCL GLOCL CL+NB GALXY GALCL QUASR -1 0 1 2 3 4 5 6 7 8 9 10

A42


CET
ERI
FOR
SCL
HICKSON24
HICKSON26
HICKSON22
HICKSON21
HICKSON19
HICKSON11
HICKSON9
FORNAXDWARF
SCULPTORDWARF
WCG-03-03-011
A43


43
34
35
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45
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52
PHE
GRU
ERI
HOR
HYI
TUC
IND
Achernar
A44

TRIATLAS Second edition by José R. Torres Lapasió and Casey Skelton - generated with CNebulaX in January 2009 (http://www.uv.es/jrtorres) - Deep Sky Atlas (Epoch 2000.0) - Chart A45 - R.A.: 19h30.0m to 22h30.0m / DEC.: -64°17' to -38°34'

A45 VARST DBLST BRTNB DRKNB PLNNB ASSOC OPNCL GLOCL CL+NB GALXY GALCL QUASR -1 0 1 2 3 4 5 6 7 8 9 10

TRIATLAS Second edition by José R. Torres Lapasió and Casey Skelton - generated with CNebulaX in January 2009 (http://www.uv.es/jrtorres) - Deep Sky Atlas (Epoch 2000.0) - Chart A46 - R.A.: 16h30.0m to 19h30.0m / DEC.: -64°17' to -38°34'

A46 VARST DBLST BRTNB DRKNB PLNNB ASSOC OPNCL GLOCL CL+NB GALXY GALCL QUASR -1 0 1 2 3 4 5 6 7 8 9 10

36
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SGR
CRA
TEL
ARA
PAV
SCO
NOR
CIR
Alkes
Table Of Scorpius
BE157
BE149
SL42
SL26
SL28
SL17
SL7
SL8
TR29
LONGMORE16
HARO1-26
HARO2-6
HARO2-3
HARO1-3
SH2-5
SH2-3
B58
B48
B263
B283
B231
B44A
RCW126
RCW106
RCW104
RCW103
RCW102
MENZEL3
MENZEL2
MENZEL1
LYNGA6
LYNGA14
CANON1-4
CANON1-1
HOGG22
SHAPLEY3
SHAPLEY1
VDBH81
HE2-198
HE2-407
HE2-164
HE2-165
HE2-163
HE2-144
HE2-136
HE2-152
PK345+4.1
PK331-2.2
PISMIS20
CR316
CR338
CR332
CR307
CR292
CR299
RU119
RU118
I4628
I4637
I4599
I4663
I4642
I4662
I4651
I4797
I4837
I4889
I4721
6541
6496
6397
6584
6281
6302
6256
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6153
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6231
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6216
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6134
6152
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6800
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6754
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6156
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6253
6335
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6322
6388
6450
6363
6363
6363

TRIATLAS Second edition by José R. Torres Lapasió and Casey Skelton - generated with CNebulaX in January 2009 (http://www.uv.es/jrtorres) - Deep Sky Atlas (Epoch 2000.0) - Chart A47 - R.A.: 13h30.0m to 16h30.0m / DEC.: -64°17' to -38°34'

A47 VARST DBLST BRTNB DRKNB PLNNB ASSOC OPNCL GLOCL CL+NB GALXY GALCL QUASR -1 0 1 2 3 4 5 6 7 8 9 10

37 38 38 46 48 54 54 54

17h 13h 1-4 12h 18h

-32° -34° -36° -38° -40° -42° -44° -46° -48° -50° -52° -54° -56° -58°

18h 0m · 17h 40m · 17h 20m · 17h 0m · 16h 40m · 16h 20m · 16h 0m · 15h 40m · 15h 20m · 15h 0m · 14h 40m · 14h 20m · 14h 0m · 13h 40m · 13h 20m · 13h 0m · 12h 40m · 12h 20m · 12h 0m

LUP · NOR · ARA · TRA · CIR · CEN · GRU

Table Of Scorpius · Rigil Kentaurus · Omega Cen Cluster · Mimosa · Jewel Box · COALSACK

B231 · B233 · BE149 · SL11 · SL7 · SL8 · SL17 · B44A · I4628 · B58 · B48 · IB235 · LYNGA14 · HARO2-3 · HARO15 · CR316 · TR24 · MENZEL3 · MENZEL2 · MENZEL1 · RCW106 · RCW103 · RCW104 · RCW102 · CR299 · CR292 · RU119 · RU118 · PK331-2.2 · HE2-164 · HE2-165 · HE2-141 · HE2-163 · HE2-136 · HE2-152 · HE2-207 · HE2-198 · CANON1-1 · SHAPLEY1 · VDBH81 · VDBH63A · VDBH63 · BE145 · HOGG22 · HOGG18 · HOGG17 · HOGG16 · HOGG14 · PISMIS20 · PISMIS18 · HE2-114 · HE2-116 · HE2-103 · HE2-108 · HE2-90 · TR22 · TR21 · TR20 · LYNGA2 · BASEL18 · STOCK16 · LODEN807 · CR275 · CR272 · CR271 · THE2-A · CED122 · CIRCINUSDWARF · HARVARD5 · PK299-2.1 · ESO382-G087 · BE146 · I4444 · I4406 · I4599 · I4651 · I4637 · I4642 · V1008 · V992 · V347 · V353 · V842 · V854 · V885 · V412 · V886 · V887 · RX · RT · RV · RW · RY · BH · BY · SA172

A47

TRIATLAS Second edition by José R. Torres Lapasió and Casey Skelton - generated with CNebulaX in January 2009 (http://www.uv.es/jrtorres) - Deep Sky Atlas (Epoch 2000.0) - Chart A48 - R.A.: 10h30.0m to 13h30.0m / DEC.: -64°17' to -38°34'

A48 VARST DBLST BRTNB DRKNB PLNNB ASSOC OPNCL GLOCL CL+NB GALXY GALCL QUASR -1 0 1 2 3 4 5 6 7 8 9 10

38 39 40 47 49 54 55

14h 10h 15h 9h

-32° -34° -36° -38° -40° -42° -44° -46° -48° -50° -52° -54° -56° -58°

15h 0m · 14h 40m · 14h 20m · 14h 0m · 13h 40m · 13h 20m · 13h 0m · 12h 40m · 12h 20m · 12h 0m · 11h 40m · 11h 20m · 11h 0m · 10h 40m · 10h 20m · 10h 0m · 9h 40m · 9h 20m · 9h 0m

CEN

ANT

VEL

CAR

A48

Omega Cen Cluster

Jewel Box

Coal Sack

COALSACK

Acrux

Mimosa

Eight-Burst

Keyhole Nebula

Eta Carina Nebula

Running Chicken Nebula

RCW50

RCW47

RCW58

GUM39

GUM41

GUM32

WESTR2

PISMIS16

PISMIS13

HOFFLEIT38

HOFFLEIT40

HOFFLEIT4

BOCHUM10

BOCHUM11

BOCHUM12

BOCHUM9

STOCK13

STOCK14

STOCK16

TR19

TR17

TR18

TR16

TR14

TR12

TR21

HARVARD9

HOGG16

HOGG15

HOGG14

HOGG12

HOGG10

HOGG1

LODEN807

BASEL18

CR272

CR277

CR213

CR223

CR232

CR234

CR236

CR240

HE2-108

HE2-111

HE2-85

HE2-84

HE2-77

HE2-76

HE2-70

HE2-55

HE2-37

HE2-39

HE2-36

HE2-32

HE2-29

HE2-21

FLEMING1

LYNGA2

REREK2-4

VDB-HA90

VDB-HA96

RU108

RU99

RU97

RU93

RU92

RU82

RU83

RU79

RU87

PK289-21

EM1

BE146

ESO883-G087

TR20

TR22

CED122

I2948

I2944

I2602

I2488

I2581

I2582

I2766

I2714

MEL105

IC2944

IC2948

IC2966

RX

RZ

RU

RV

RW

SV

SW

SX

SY

WZ

V361

V366

V370

V372

V378

V382

V412

V840

V842

V886

V887

V888

V889

V890

V891

V892

V893

V894

V895

V896

V897

V898

V899

V900

V901

V902

V903

V904

V905

V906

V907

V908

V909

V910

V911

V912

V913

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V915

V916

V917

V918

V919

V920

V921

V922

V923

V924

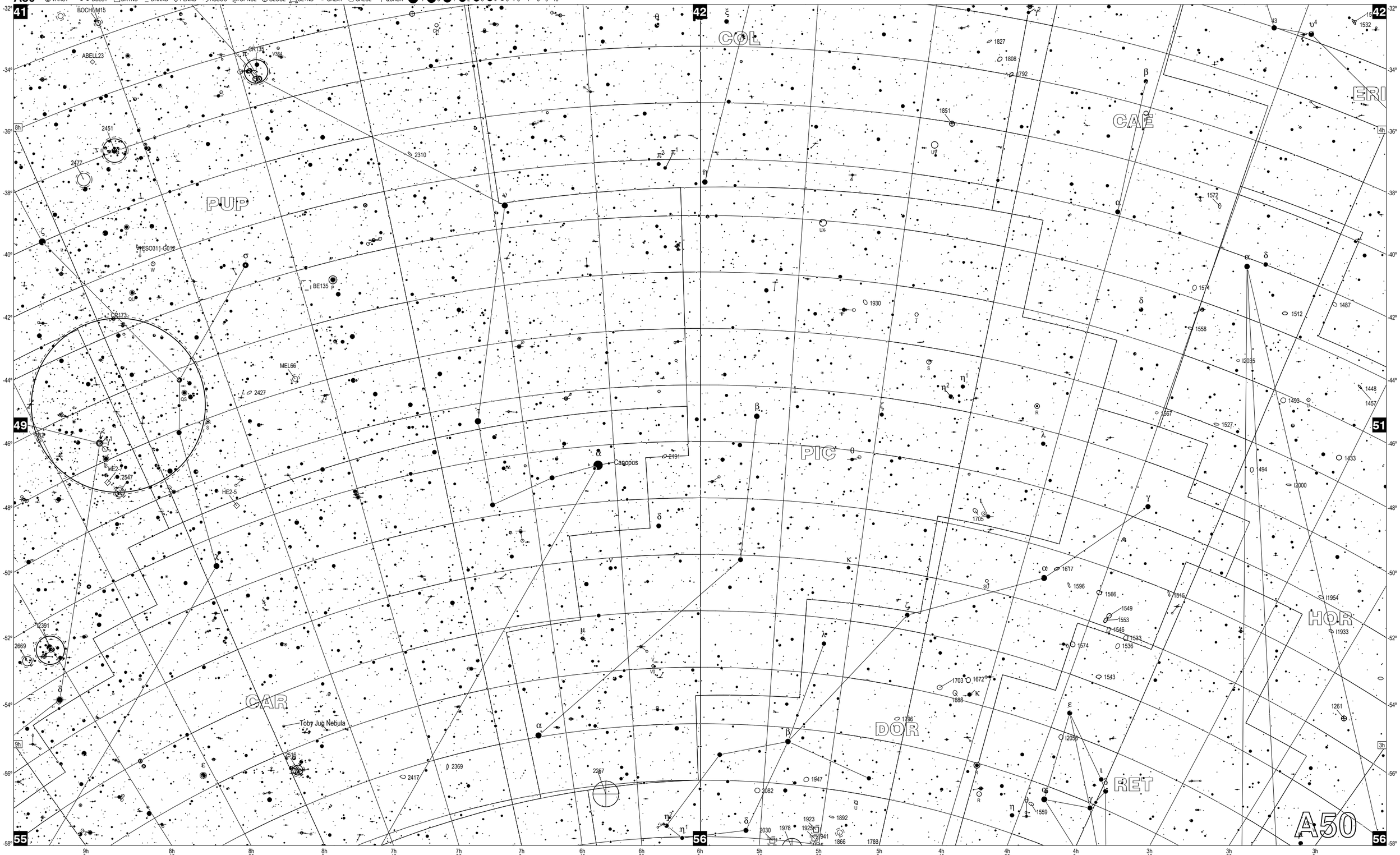
V925

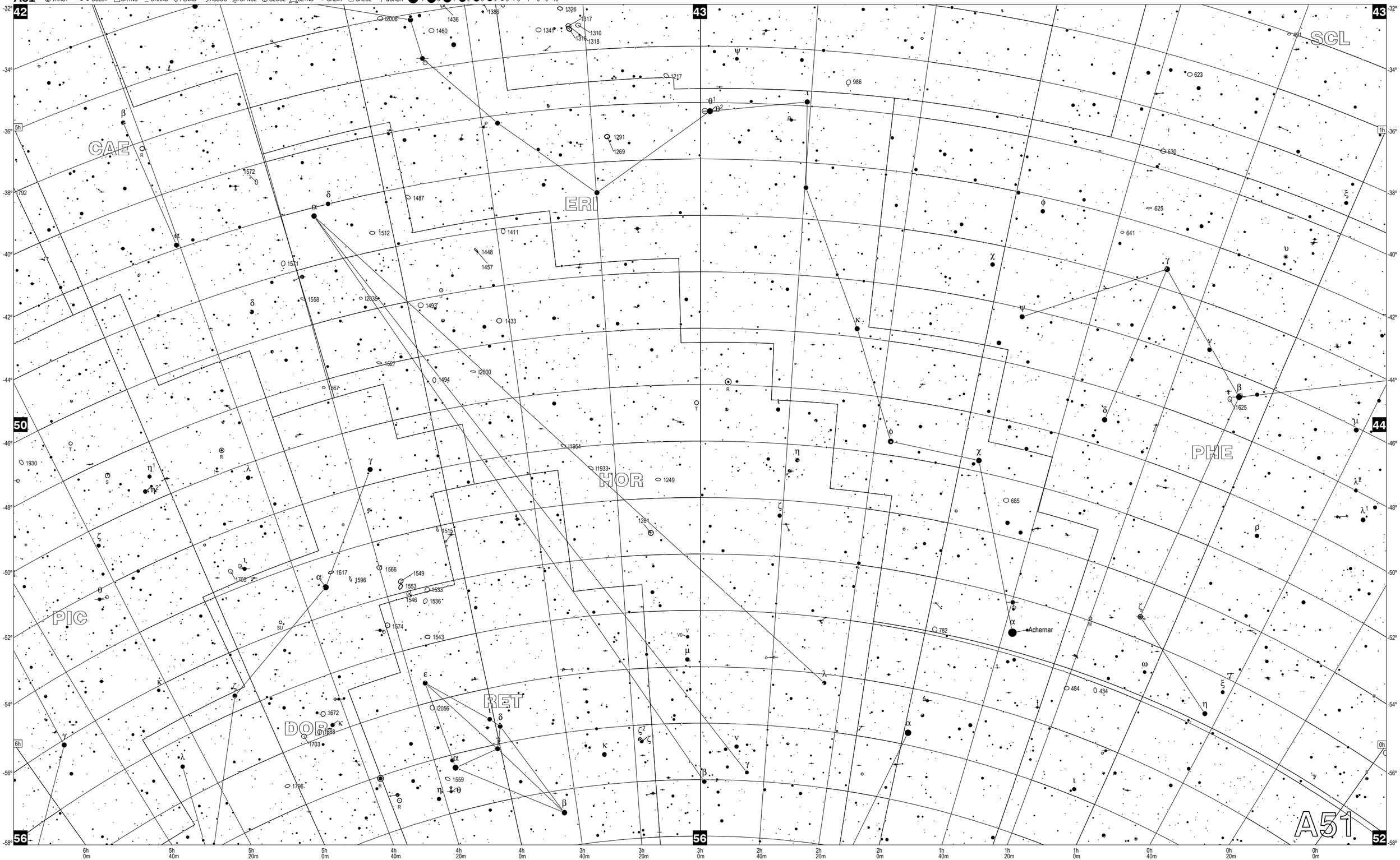
TRIATLAS Second edition by José R. Torres Lapasió and Casey Skelton - generated with CNebulaX in January 2009 (http://www.uv.es/jrtorres) - Deep Sky Atlas (Epoch 2000.0) - Chart A49 - R.A.: 07h30.0m to 10h30.0m / DEC.: -64°17' to -38°34'

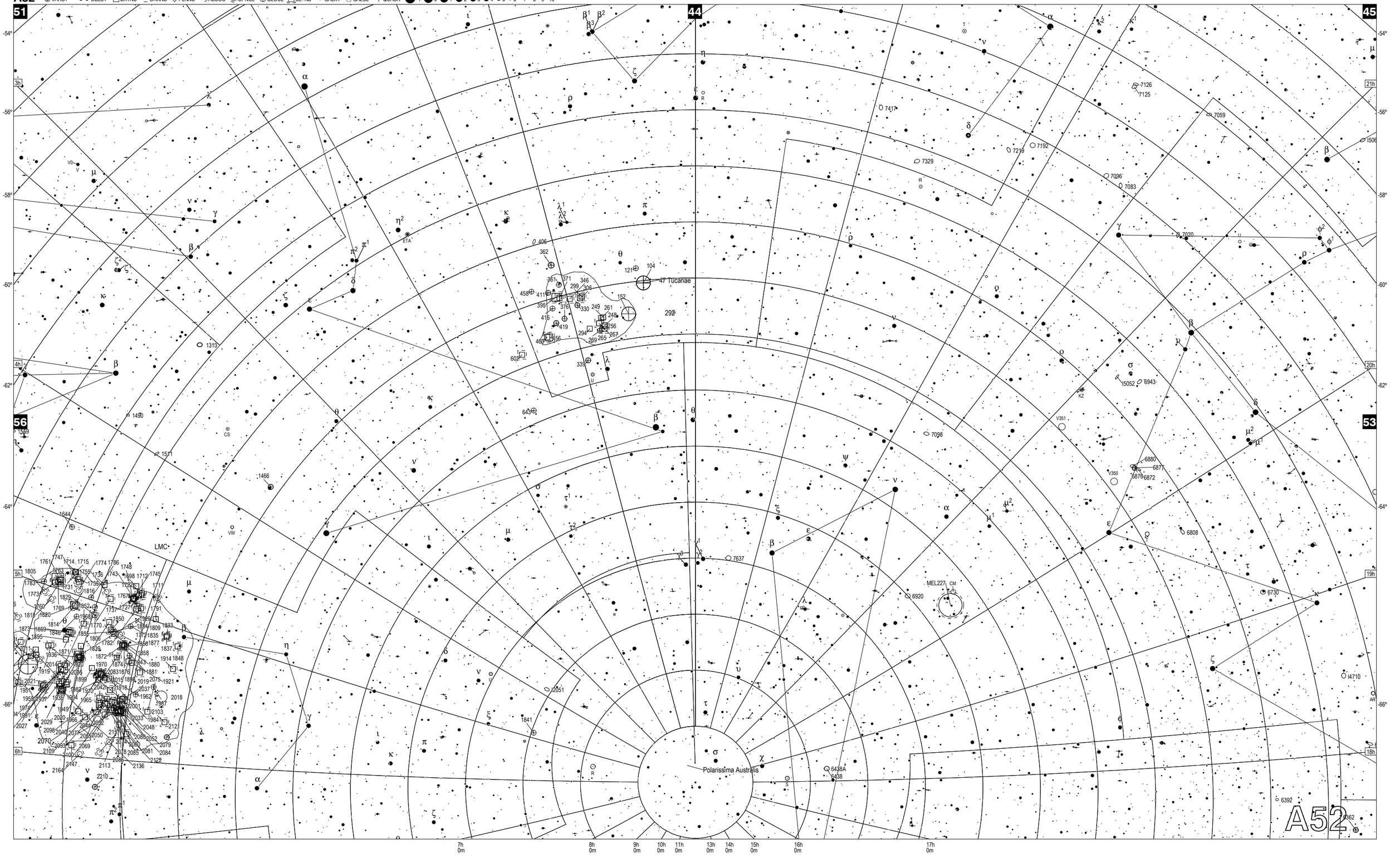
A49 VARST DBLST BRTNB DRKNB PLNNB ASSOC OPNCL GLOCL CL+NB GALXY GALCL QUASR -1 0 1 2 3 4 5 6 7 8 9 10

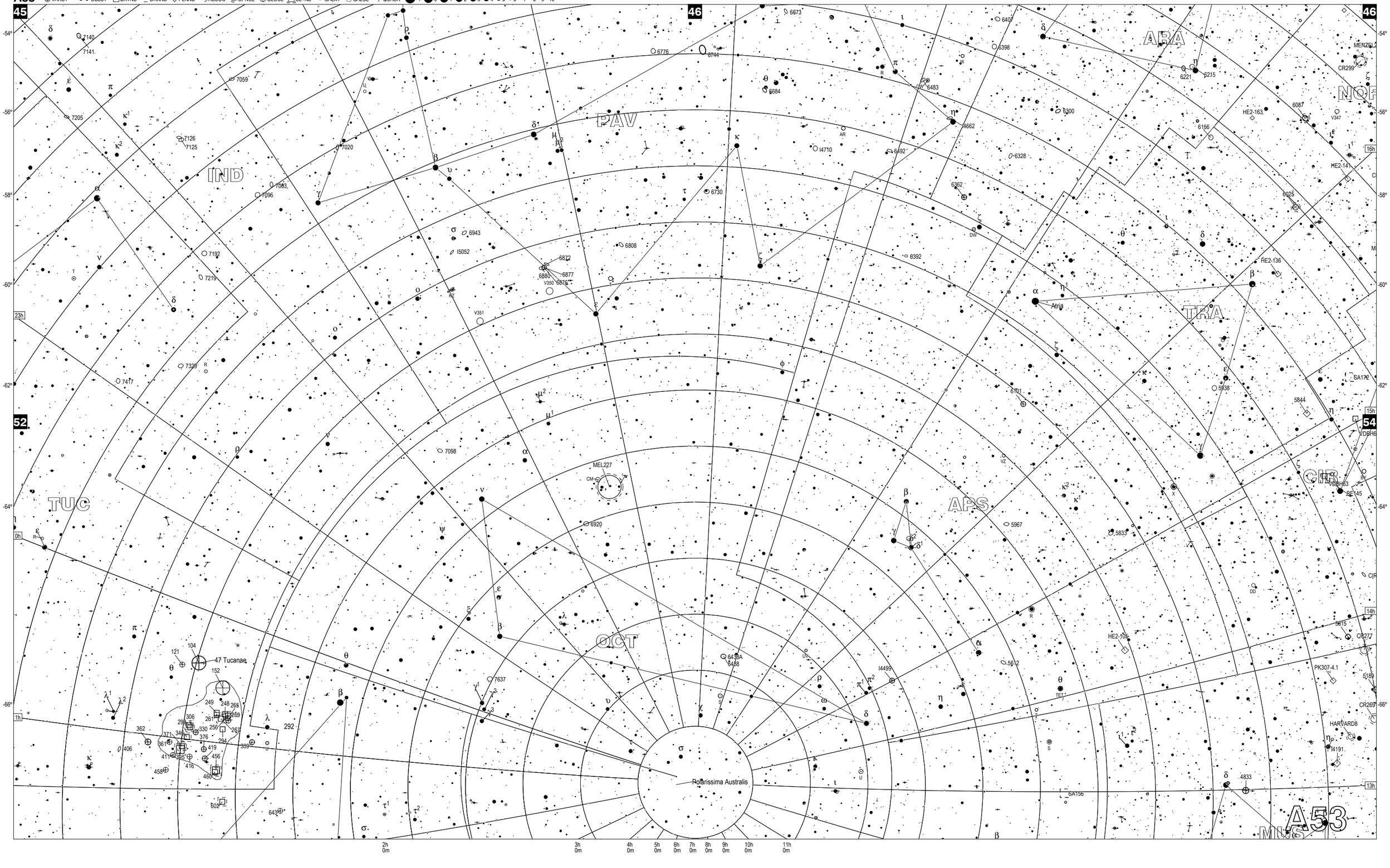
ANT
VEL
CEN
CAR
PUP
PIC

Eight-Burst
Suhail
Keyhole Nebula
Eta Carina Nebula
Toby Jug Nebula
Canopus
RCW50
GUM17
GUM12
GUM23
GUM35
GUM32
RCW89
RCW47
HOFFLEIT25
HOFFLEIT28
HOFFLEIT35
HOFFLEIT38
HOFFLEIT46
HOFFLEIT47
HOFFLEIT48
HOFFLEIT50
HOFFLEIT51
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HOFFLEIT55
HOFFLEIT56
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HOFFLEIT88
HOFFLEIT89


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55
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PUP
COL
CAE
ERI
CAR
PIC
DOR
HOR
RET
Canopus
Toby Jug Nebula
BOCHUM15
ABELL23
CR135
V364
2451
2477
2310
FESO311-G012
BE135
CR173
MEL66
2427
HE2-7
2547
HE2-5
2391
2669
2516
2417
2369
2267
2191
1827
1808
1792
1851
UX
1572
1574
1930
1487
1512
1558
I2035
1448
1457
1493
1567
1527
1433
494
I2000
1705
1617
1596
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1543
1703
1672
1686
1796
I2059
1559
1947
2082
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1978
1923
1892
1866
1788
1532
I1954
I1933
1261
-32°
-34°
-36°
-38°
-40°
-42°
-44°
-46°
-48°
-50°
-52°
-54°
-56°
-58°
8h
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3h
9h 0m
8h 40m
8h 20m
8h 0m
7h 40m
7h 20m
7h 0m
6h 40m
6h 20m
6h 0m
5h 40m
5h 20m
5h 0m
4h 40m
4h 20m
4h 0m
3h 40m
3h 20m
3h 0m


42
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CAE
ERI
SCL
PHE
HOR
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DOR
Achernar
A51
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6h
0h
-32°
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-40°
-42°
-44°
-46°
-48°
-50°
-52°
-54°
-56°
-58°
6h 0m
5h 40m
5h 20m
5h 0m
4h 40m
4h 20m
4h 0m
3h 40m
3h 20m
3h 0m
2h 40m
2h 20m
2h 0m
1h 40m
1h 20m
1h 0m
0h 40m
0h 20m
0h 0m


47 Tucanae
Polarissima Australis
LMC
SMC
ETA
CS
VW
KZ
V351
V350
MEL227
51
44
45
56
53
3h
4h
5h
6h
21h
20h
19h
18h
7h 0m
8h 0m
9h 0m
10h 0m
11h 0m
13h 0m
14h 0m
15h 0m
16h 0m
17h 0m
-54º
-56º
-58º
-60º
-62º
-64º
-66º


45
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52
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IND
PAV
ARA
TRA
TUC
OCT
APS
MUS
CIR
NOR
Atria
Polarissima Australis
47 Tucanae
MEL227
-54º
-56º
-58º
-60º
-62º
-64º
-66º
23h
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4h 0m
5h 0m
6h 0m
7h 0m
8h 0m
9h 0m
10h 0m
11h 0m
13h
14h
15h
16h
A53

ARA
TRA
CIR
CRU
MUS
APS
CAR
PAV
OCT
CHA
Coal Sack
COALSACK
Running Chicken Nebula
RCW59
RCW58
GUM39
GUM41
MEL105
MEL101
MEL227
HOGG15
HARVARD5
HARVARD8
HOGG14
HOGG13
HOGG12
HOGG11
HOGG10
HOGG1
HOFFLEIT48
HOFFLEIT38
BOCHUM1
BOCHUM14
STOCK16
STOCK14
STOCK13
LODEN807
CED122
CR272
CR277
CR269
CR271
CR236
TR20
TR19
TR18
TR16
TR11
BASEL18
PK299+2.1
PK307+4.1
HE2-90
HE2-103
HE2-136
HE2-163
HE2-84
HE2-85
HE2-70
HE2-58
HE2-105
HE2-W
CIRCINUSDWARF
VDBH65A
VDBH63
BE145
BE142
SA172
SA156
Acrux
Atria
Alpha
Beta
Gamma
Delta
Epsilon
Zeta
Eta
Theta
Iota
Kappa
Lambda
Mu
Nu
Xi
Omicron
Pi
Rho
Sigma
Tau
Upsilon
Phi
Chi
Psi
Omega
18h
19h
20h
21h
22h
23h
0h
1h
2h
3h
4h
5h
6h
7h
8h
9h
10h
11h
-54°
-56°
-58°
-60°
-62°
-64°
-66°

TRIATLAS Second edition by José R. Torres Lapasió and Casey Skelton - generated with CNebulaX in January 2009 (http://www.uv.es/jrtorres) - Deep Sky Atlas (Epoch 2000.0) - Chart A55 - R.A.: 07h12.0m to 12h00.0m / DEC.: -89º60' to -64º17'

A55

VARST DBLST BRTNB IDRKNB PLNNB ASSOC OPNCL GLOCL CL+NB GALXY GALCL QUASR -1 0 1 2 3 4 5 6 7 8 9 10

48 49 50 54 56

CAR VOL PIC MUS CHA CIR MEN APS OCT TRA HYI CEN CAU

Jewel Box Acrux Coal Sack COALSACK Running Chicken Nebula Polarissima Australis LMC

A55

PIC DOR RET HOR ERI MEN CAR VOL HYI TUC CHA OCT IND

LMC

Teddy Jug Nebula

47 Tucanae

Polarissima Australis

BE142

ETA

50 51 55 52

8h 9h 10h 11h 1h 0h 23h

-54º -56º -58º -60º -62º -64º -66º

13h 0m 14h 0m 15h 0m 16h 0m 17h 0m 18h 0m 19h 0m 20h 0m 21h 0m 22h 0m