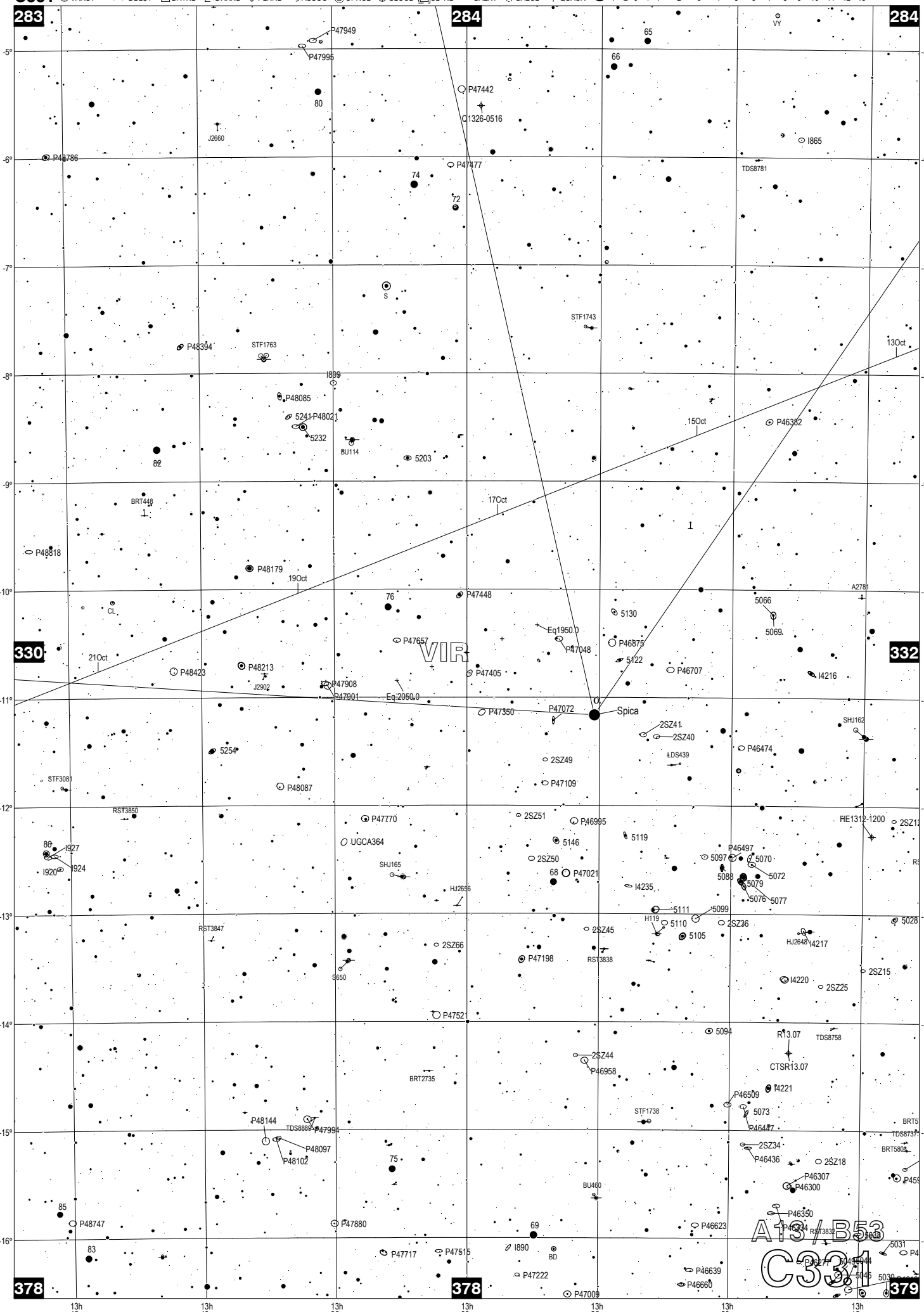
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VIR
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13Oct
15Oct
17Oct
19Oct
21Oct
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C1326-0516
P48786
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I839
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P48021
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BU114
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P48179
P47448
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P46875
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P48423
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P47405
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2SZ40
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2SZ49
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SHJ165
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H119
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CTSR13.07
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I4221
P46509
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P46447
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P47994
P48097
P48102
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P46436
2SZ18
P46307
P46300
BU460
85
P48747
P47880
69
P46623
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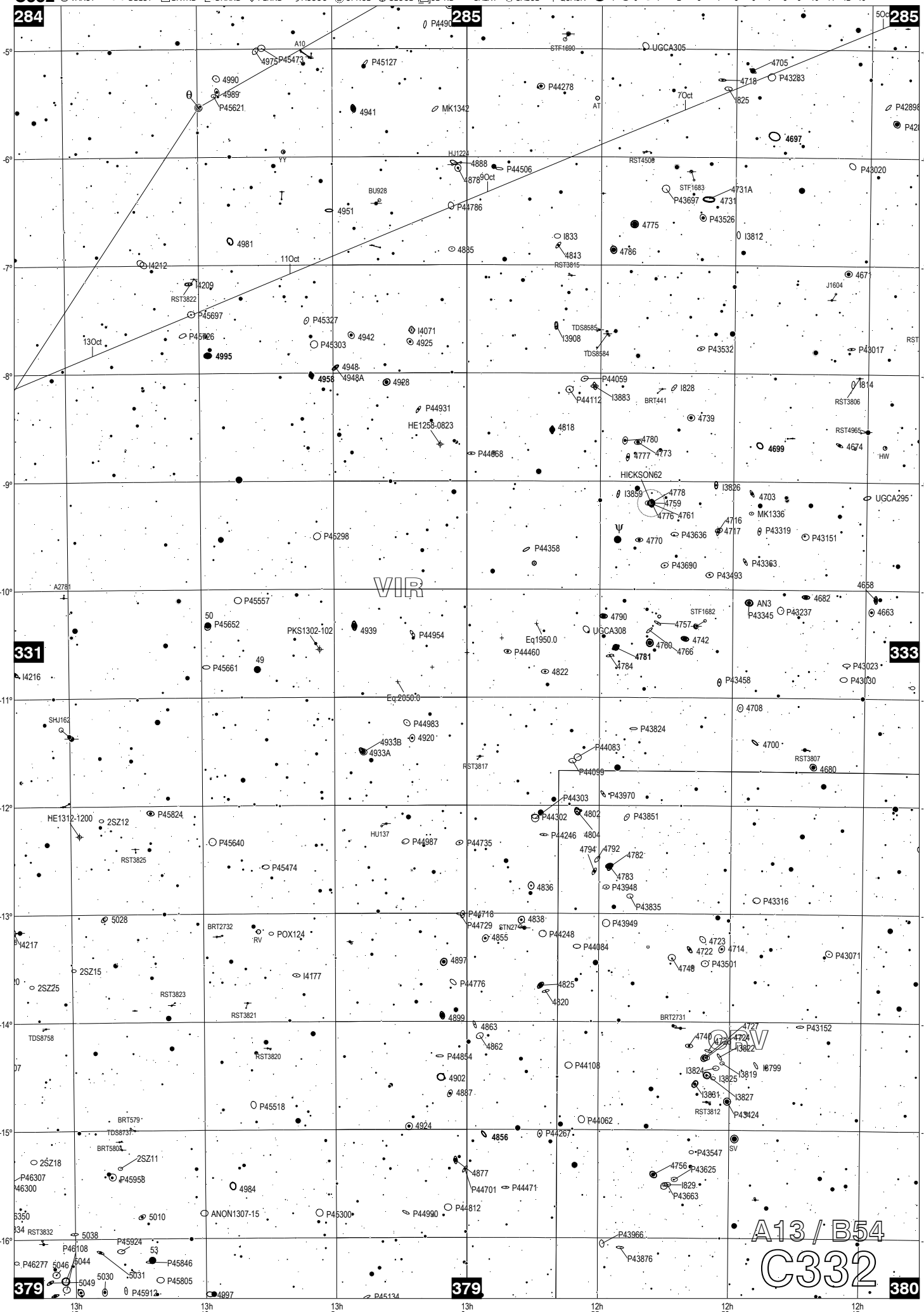
A13 / B53
C331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331
333
379
380
VIR
CRV
A13 / B54
C332
13h 15m
13h 10m
13h 5m
13h 0m
12h 55m
12h 50m
12h 45m
-5°
-6°
-7°
-8°
-9°
-10°
-11°
-12°
-13°
-14°
-15°
-16°
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P43283
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I825
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AT
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9Oct
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4671
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I4209
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P45327
I4071
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TDS8584
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4699
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P43851
HE1312-1200
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HU137
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P44735
P44246
4804
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4792
4782
4783
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P43835
P43316
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RV
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P44729
STN27
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4722
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P43071
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4862
BRT2731
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TDS8758
RST3820
P44854
P44108
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I3827
I3861
RST3812
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TDS8737
4924
4856
P44062
P44267
BRT5803
2SZ11
2SZ18
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4877
P44701
P44471
P43547
SV
4756
P43625
I829
P43663
5010
ANON1307-15
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P44812
RST3832
5038
P45924
P46108
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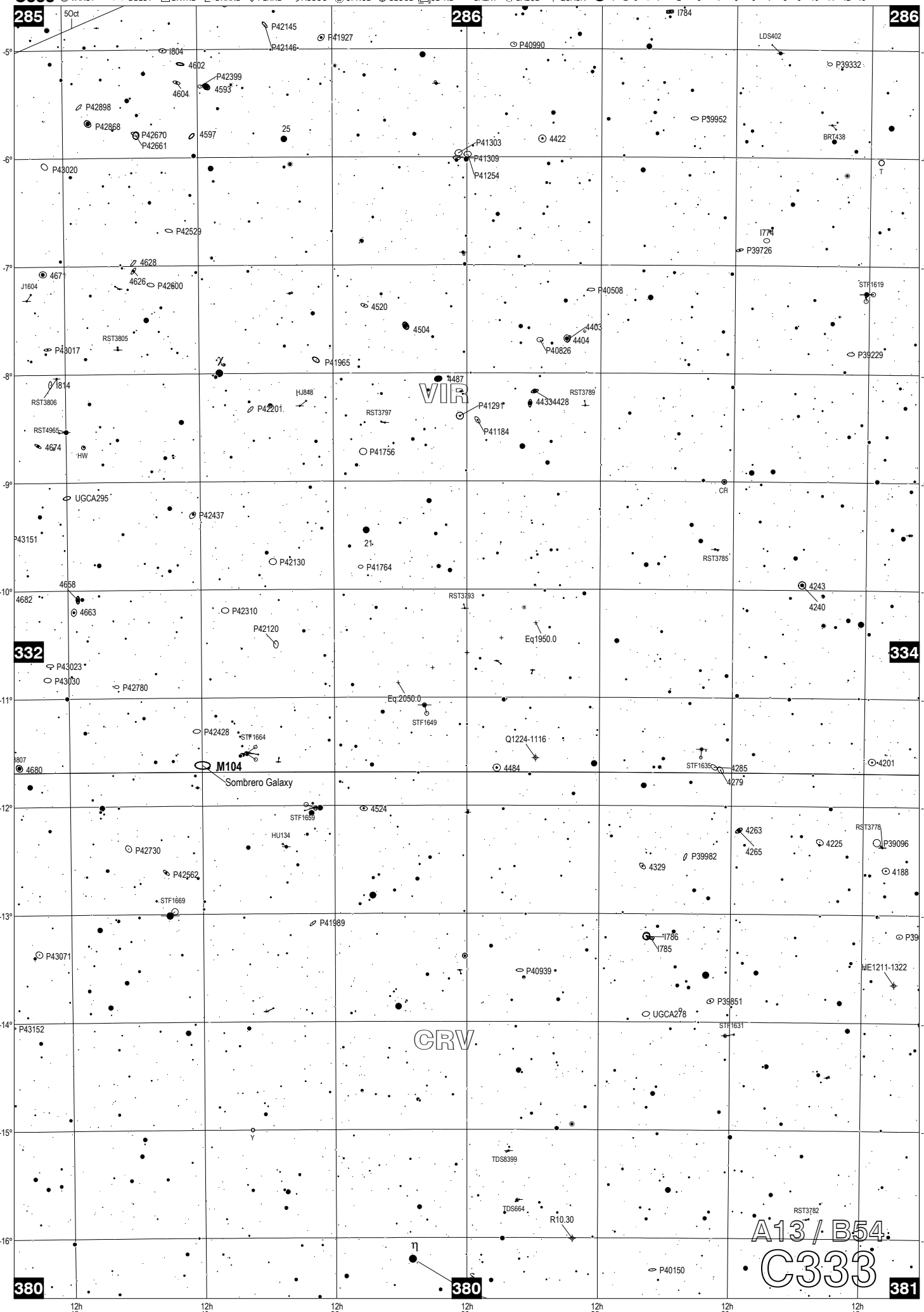
P43876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381
5Oct
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4602
P42399
4593
4604
P39332
P42898
P42868
P42670
P42661
4597
25
P39952
P41303
4422
BRT438
P41309
P41254
P43020
T
P42529
I774
P39726
4628
4626
P42600
4671
J1604
P40508
STF1619
4520
4504
4403
4404
RST3805
P43017
P40826
P39229
P41965
I814
RST3806
HJ848
4487
VIR
P42201
RST3797
P41291
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RST3789
RST4965
4674
HW
P41184
P41756
CH
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P42437
P43151
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4663
4243
4240
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P42120
Eq1950.0
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P43030
P42780
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Q1224-1116
I807
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M104
Sombrero Galaxy
4484
STF1635
4285
4279
4201
STF1659
4524
HU134
4263
4265
RST3778
4225
P39096
P42730
P39982
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4188
P42562
STF1669
P41989
I786
I785
P39
P43071
P40939
HE1211-1322
P39851
UGCA278
P43152
STF1631
CRV
Y
TDS8399
TDS664
R10.30
RST3782
η
P40150
A13 / B54
C333
12h 45m
12h 40m
12h 35m
12h 30m
12h 25m
12h 20m
12h 15m

TRIATLAS Second edition by José R. Torres Lapasió (Valencia, Spain) - generated with CNebulaX in April 2008 (http://www.uv.es/jrtorres) - Deep Sky Atlas (Epoch 2000.0) - Chart C334 (framing charts: A13 / B55) - R.A.: 11h45.0m to 12h15.0m / DEC.: -15°53' to -05°18'

C334 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 11 12 13

286 286 287

333 335

381 381 381

VIR

CRT

CRV

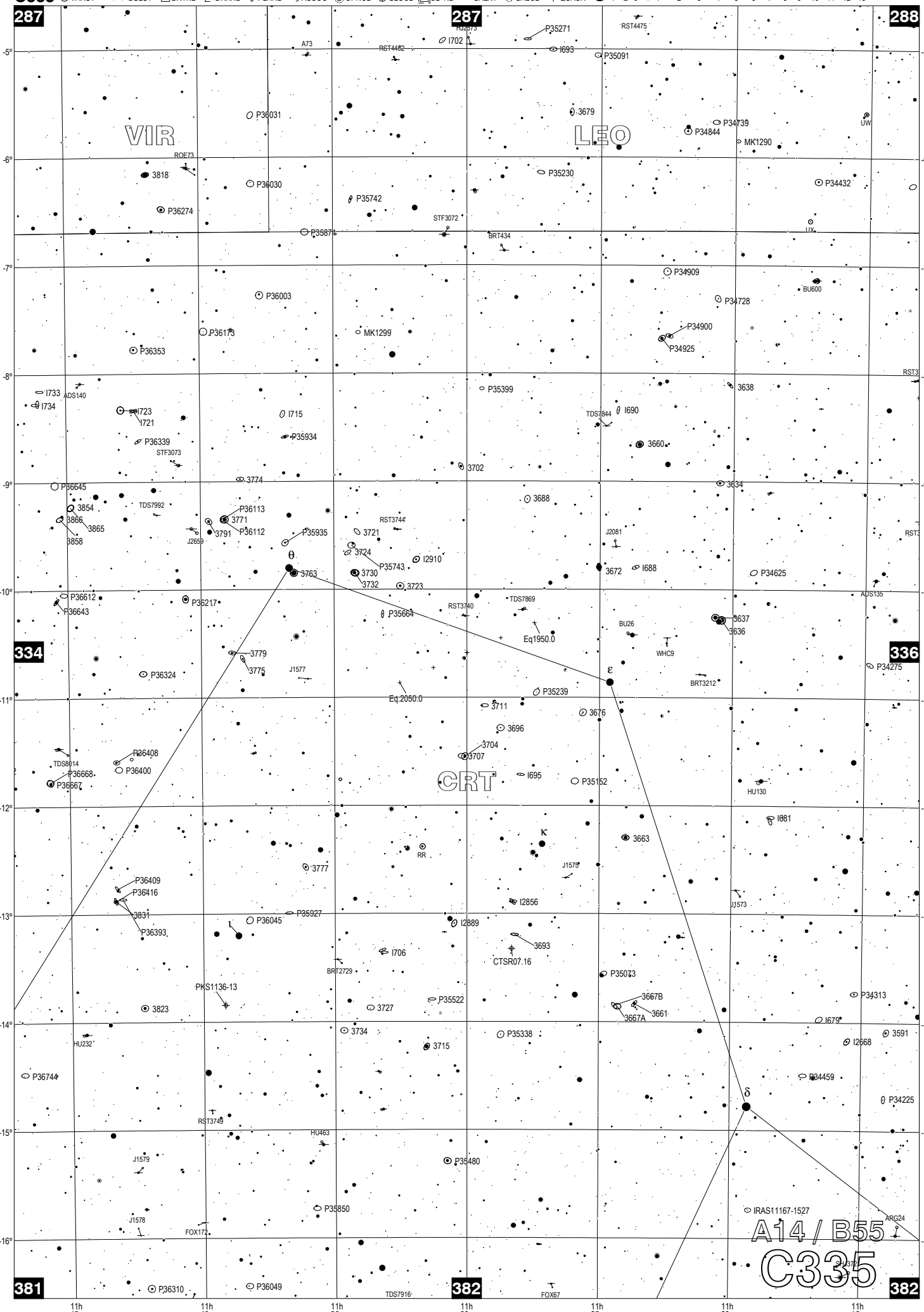
A13 / B55

C334

P38869 P39332 BRT438 T RST4494 P38889 HJ1213 RW HJ198 STF3076 I2974 P37215 TY I2963 I738 3915 HJ190 I741 TDS8029 P37076 STF1619 HJ845 P39229 3959 3967 S I747 I733 ADS140 I734 HJ843 RST3757 RST3773 4130 4129 4176 P36645 3854 3866 3865 3858 3905 243 240 SV MK1309 Eq1950.0 P37027 H115 P36612 P36643 J2085 RST3774 RST3772 J2084 Eq2050.0 3892 P38426 RU 3942 4201 STF1604 BRT3213 P36842 TDS8014 P36668 P36667 RST3778 4225 P39096 HU132 TX 3974 3970 RST3759 P37790 P37626 P37348 BRT2730 4188 I766 I761 P38195 P37199 P37644 P36978 P39010 HU764 I743 HE1211-1322 P37242 4177 3962 HU232 P37575 HLD113 4094 UGCA266 P37680 P36744 P38496 A2162 POX67 ST3782 P38534 P38529 P38123 4035 ADS2381 4050 TDS8124

-5° -6° -7° -8° -9° -10° -11° -12° -13° -14° -15° -16°

12h 15m | 12h 10m | 12h 5m | 12h 0m | 11h 55m | 11h 50m | 11h 45m


287
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288
334
336
381
382
382
VIR
LEO
CRT
A14 / B55
C335
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RST4475
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A73
RST4482
I693
P35091
P36031
3679
P34739
P34844
MK1290
UW
ROE73
3818
P36030
P35230
P34432
P35742
P36274
STF3072
P35874
BRT434
UX
P34909
BU600
P36003
P34728
P34900
P36173
MK1299
P34925
P36353
I733
ADS140
I734
I723
I721
I715
P35399
3638
TDS7844
I690
P36339
P35934
3660
STF3073
3702
3774
P36645
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3854
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3688
P36113
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RST3744
3865
3858
3791
P36112
J2659
P35935
3721
J2081
3724
θ
I2910
3763
P35743
3730
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I688
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3723
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HU130
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RR
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P35522
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HU232
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P36744
P34459
δ
P34225
RST3749
HU463
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IRAS11167-1527
ARG24
J1578
FOX172
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P36049
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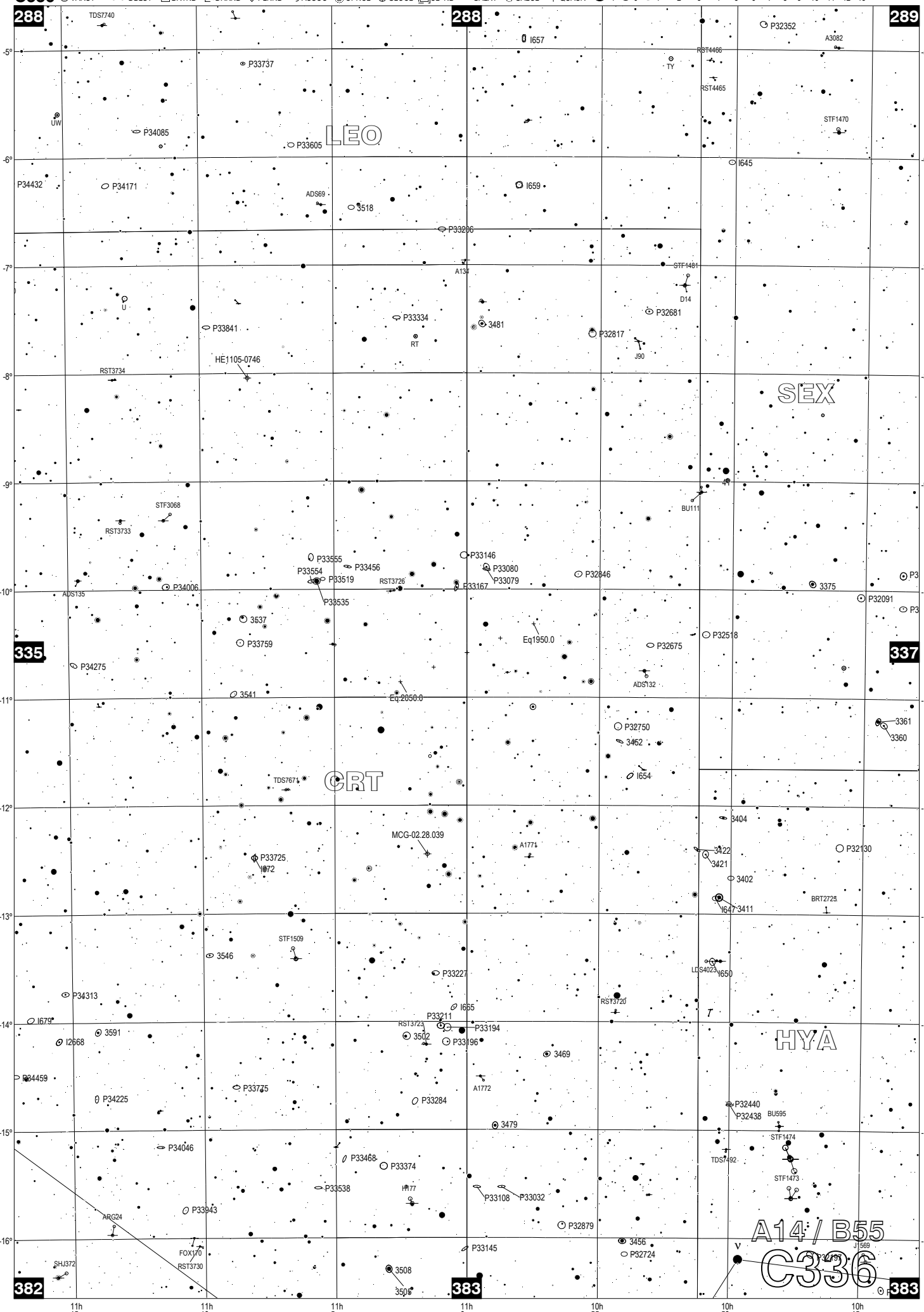
FOX67
11h 45m
11h 40m
11h 35m
11h 30m
11h 25m
11h 20m
11h 15m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337
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LEO
SEX
CRT
HYA
A14 / B55
C336
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P32352
A3082
RST4466
TY
RST4465
UW
P34085
P33605
STF1470
I645
P34432
P34171
ADS69
3518
I659
P33206
A134
STF1481
D14
U
P32681
P33841
P33334
3481
P32817
RT
J90
HE1105-0746
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STF3068
RST3733
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P33554
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P33146
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Eq2050.0
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MCG-02.28.039
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P33725
I672
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I647
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BRT2725
STF1509
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LDS4023
I650
P34313
I685
RST3720
P33211
I679
RST3723
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I2668
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P34225
P33284
P32440
P32438
BU595
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P33108
P33032
P33943
ARG24
P32879
3456
P32724
FOX170
RST3730
P33145
SHJ372
3508
3505
J569
11h 15m
11h 10m
11h 5m
11h 0m
10h 55m
10h 50m
10h 45m
-5°
-6°
-7°
-8°
-9°
-10°
-11°
-12°
-13°
-14°
-15°
-16°

C337 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 11 12 13

289 289 290

336 338

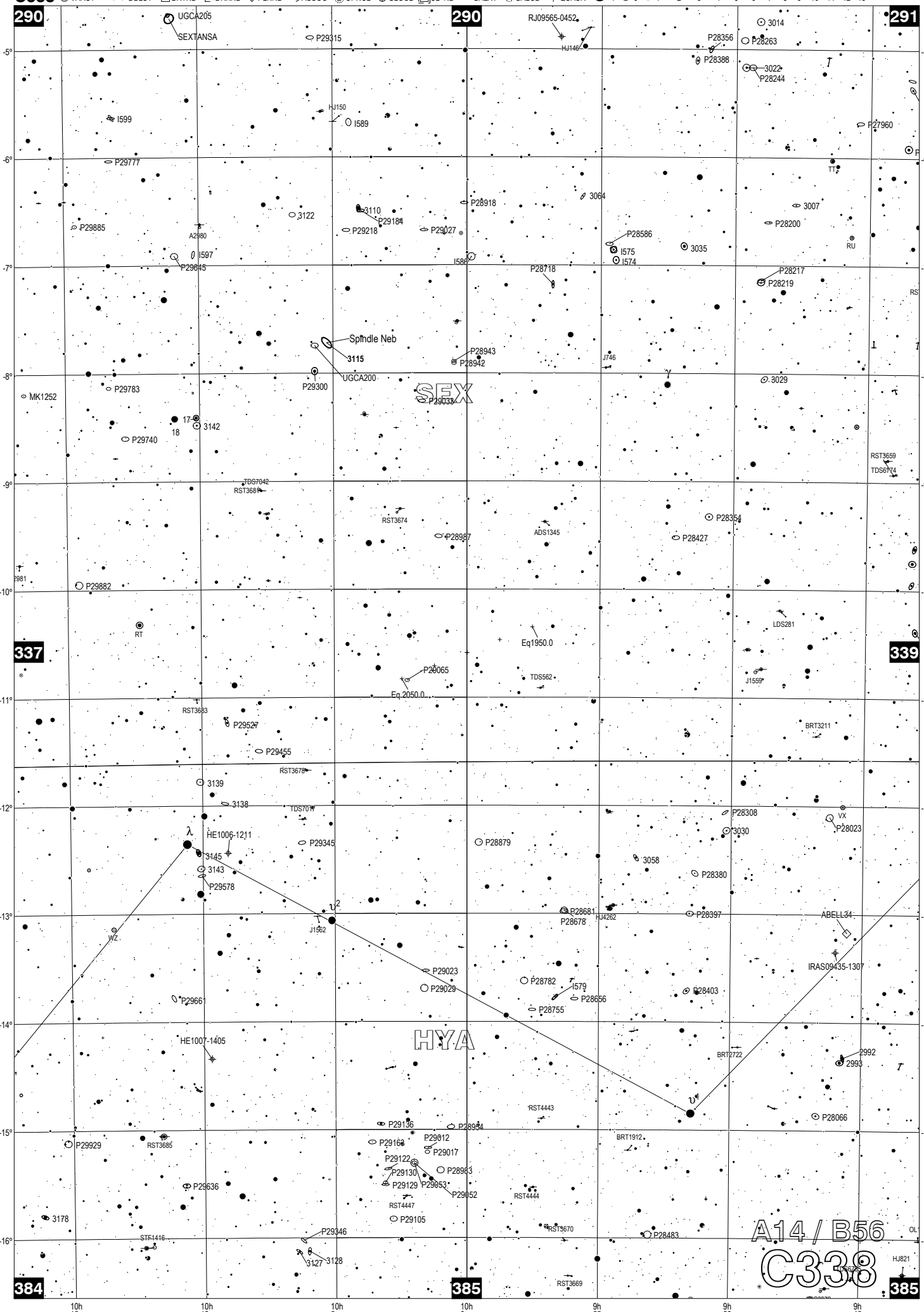
383 384 384

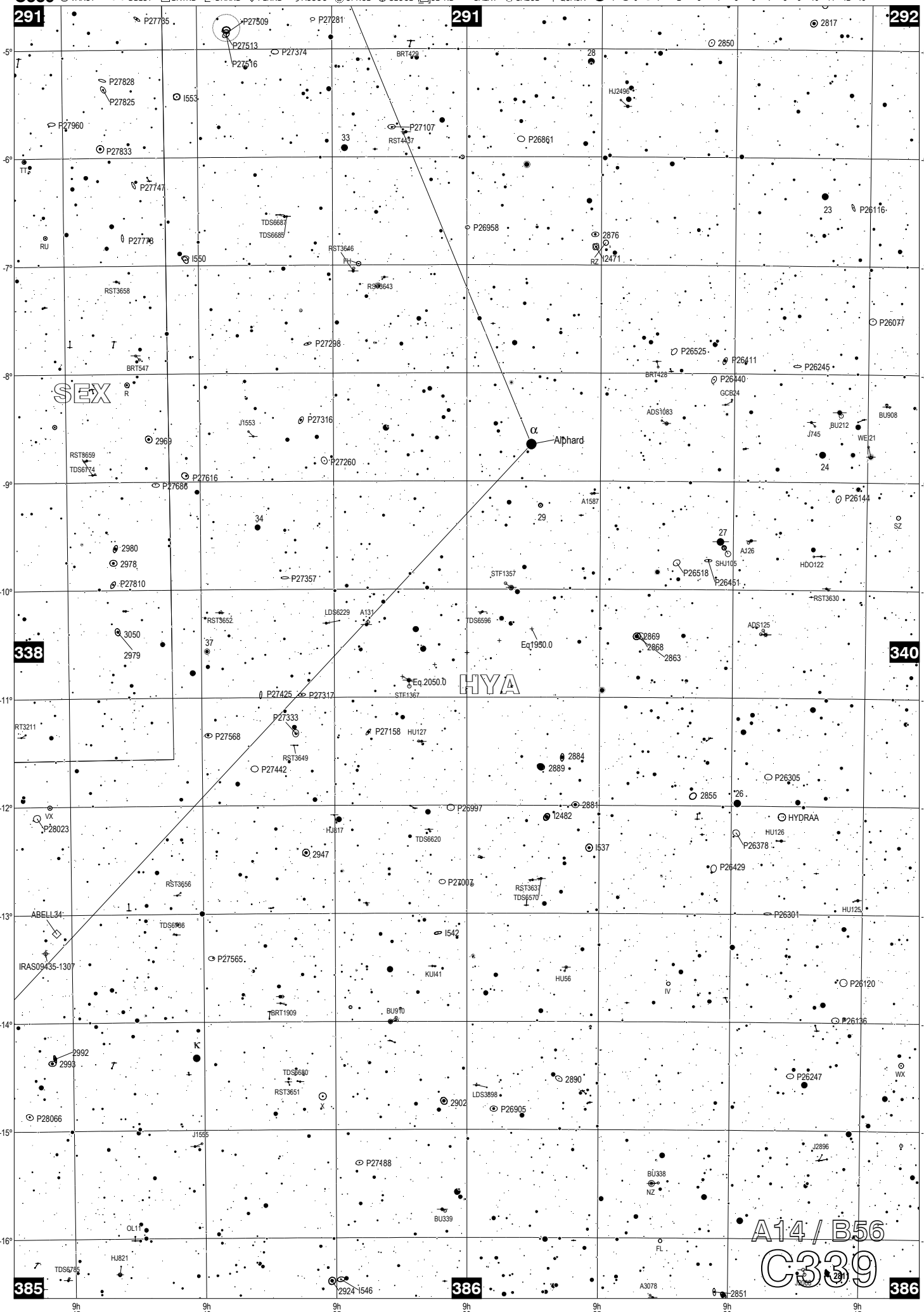
-5° -6° -7° -8° -9° -10° -11° -12° -13° -14° -15° -16°

10h 45m | 10h 40m | 10h 35m | 10h 30m | 10h 25m | 10h 20m | 10h 15m

A3082 P31062 P30943 P30293 P30333 SCA54 P31718 STF1470 SCA57 J3340 SCA51 I603 P30152 ADS66 I608 3292 SCA56 P30098 P31326 P31165 SCA50 P29885 SCA49 I631 I626 P31413 RST3705 I630 P31470 RST3704 P31181 P31345 MK1258 P31185 P31191 RST3696 X STF1441 RJ10384-0806 SEX P31239 I624 MK1252 P31047 P31714 BRT432 P31116 P31979 3375 BU25 A2981 P29882 P32091 P31978 Eq1950.0 PKS1020-103 P30759 J2075 Eq 2050.0 3361 3360 P30627 P30623 SCA67 3321 3322 J1568 SCA68 SCA72 SCA86 FF SCA74 SCA69 SCA61 SCA62 P32130 SCA67 SCA78 SCA70 I2593 3297 3296 BRT2725 DOO52 J1567 P30092 P30095 SCA85 SCA65 WZ HJ4339 U HJ4311 STF1453 RST3690 TDS580 P31365 HE1029-1401 HYA RST3693 HU1255 HJ831 RST3691 RST3698 RST3700 P29929 3178 A14 / B56 C337 J1569 P32197 BRT577 HLD103 SKI14 P32017 HE1015-1618

C338 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 11 12 13

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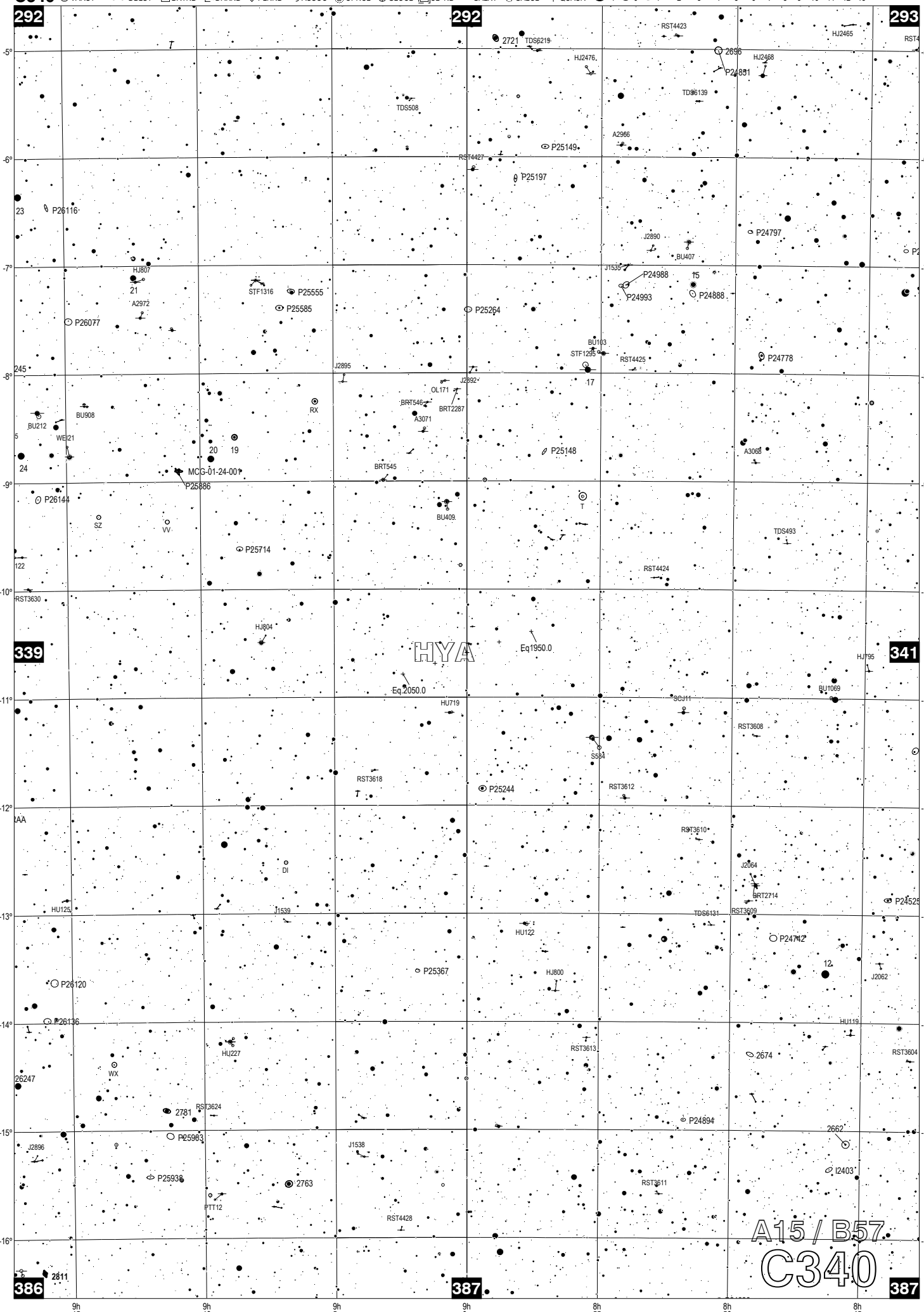
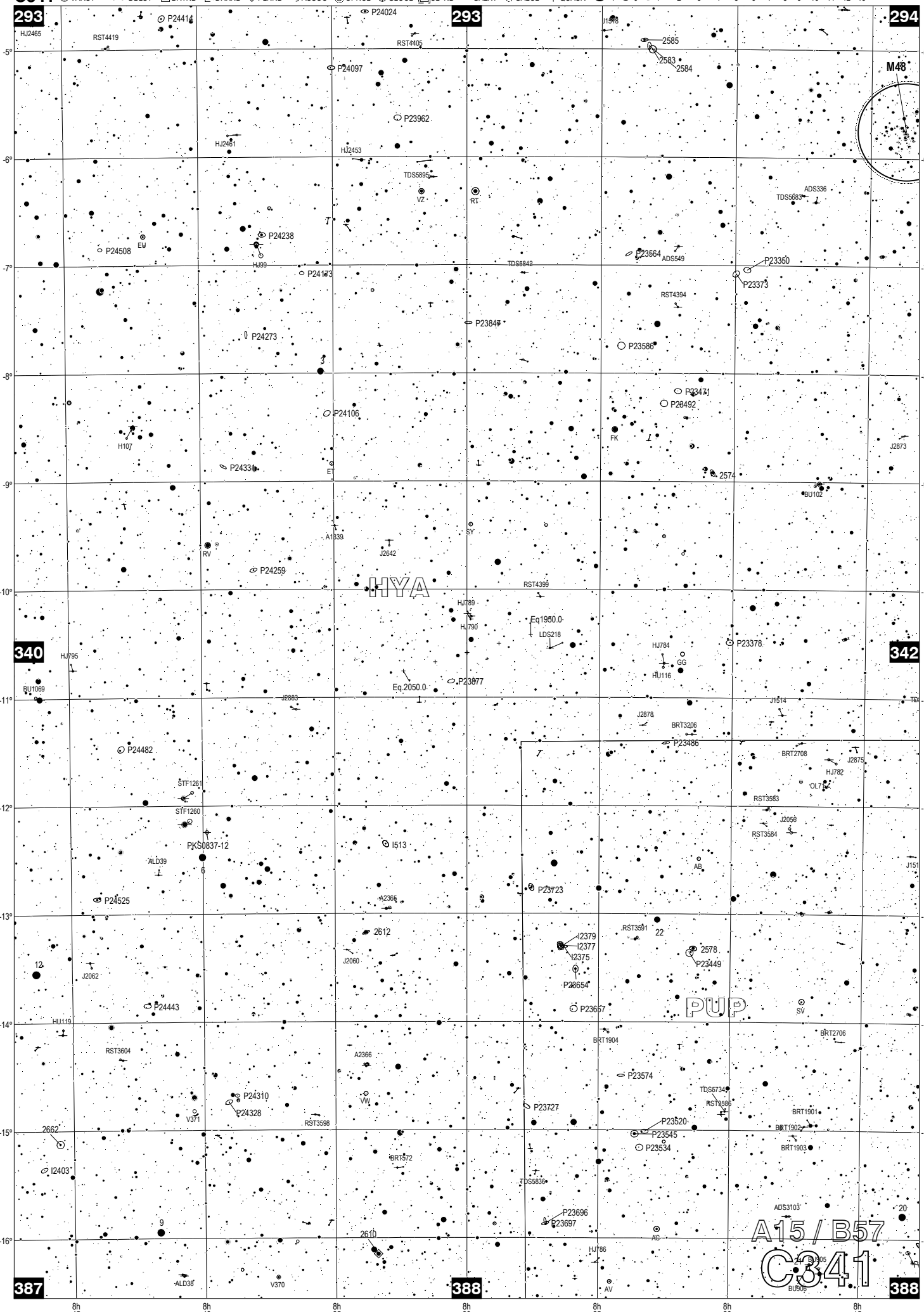
292
338
340
385
386
SEX
HYA
Alphard
α
Eq1950.0
Eq2050.0
HYDRAA
ABELL34
IRAS09435-1307
A14 / B56
C339
9h 45m
9h 40m
9h 35m
9h 30m
9h 25m
9h 20m
9h 15m

TRIATLAS Second edition by José R. Torres Lapasió (Valencia, Spain) - generated with CNebulaX in April 2008 (http://www.uv.es/jrtorres) - Deep Sky Atlas (Epoch 2000.0) - Chart C340 (framing charts: A15 / B57) - R.A.: 08h45.0m to 09h15.0m / DEC.: -15°53' to -05°18'

C340 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 11 12 13

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294
340
342
387
388
M48
HYA
PUP
A15 / B57
C341
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Eq2050.0
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P24024
P24097
P23962
P24238
P24508
P24173
P24273
P23847
P23586
P23471
P26492
P24106
P24334
P24259
P24482
P24525
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P24310
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P23545
P23534
P23696
P23697
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P23449
P23373
P23360
P23564
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2583
2584
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2578
2612
2610
2662
I2379
I2377
I2375
I513
I2403
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RST4405
RST4394
RST4399
RST3604
RST3598
RST3583
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RST3591
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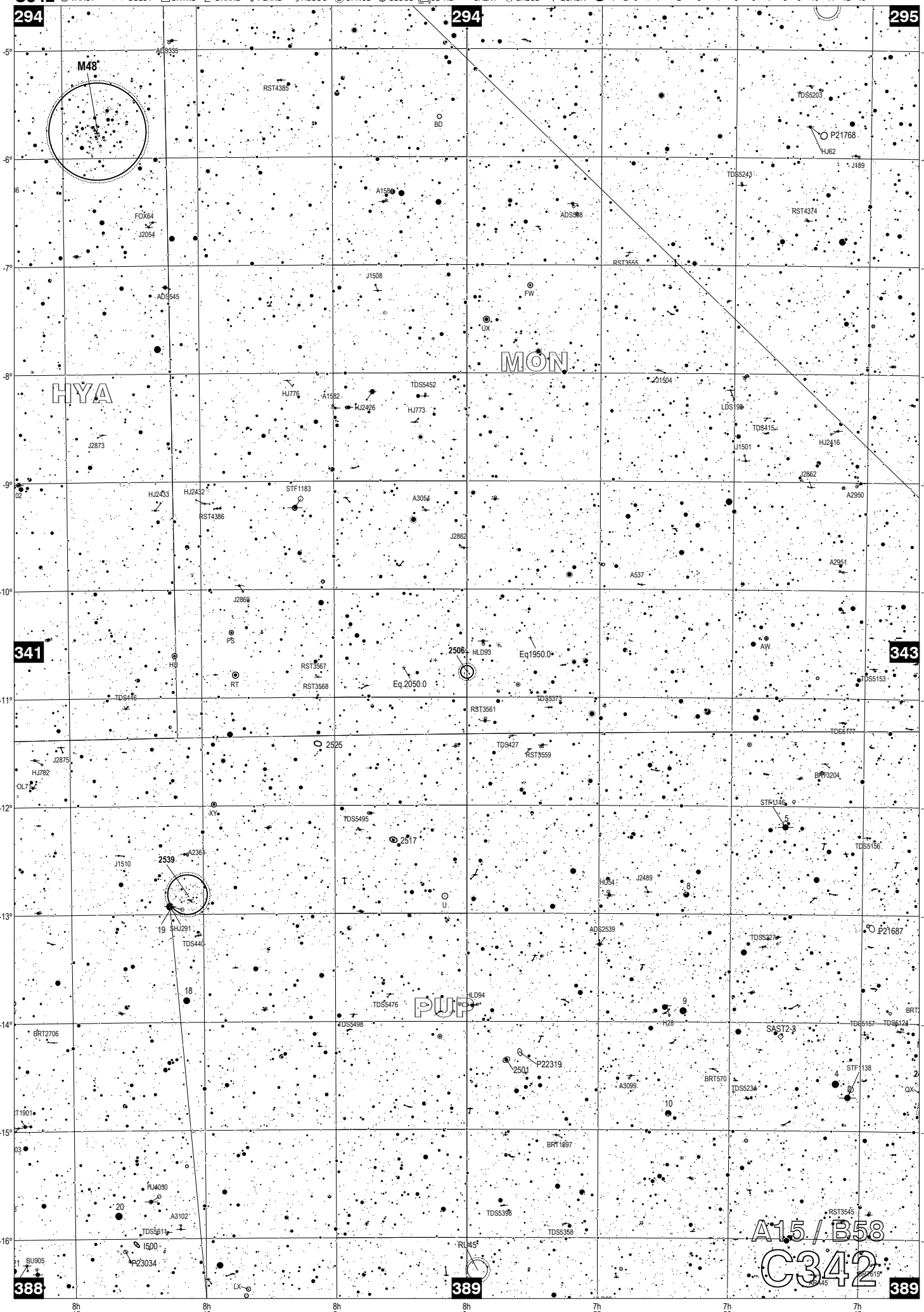
BRT2708
BRT2706
BRT1904
BRT1902
BRT1903
BRT1572
TDS5895
TDS5842
TDS5836
TDS5734
TDS5683
ADS336
ADS549
ADS3103
HJ2465
HJ2461
HJ2453
HJ99
HJ795
HJ789
HJ790
HJ784
HJ782
HU1119
HU116
BU1069
BU102
BU905
BU906
LDS218
STF1261
STF1260
ALD39
ALD38
A2366
A1339
J2683
J2642
J2878
J2875
J2873
J2062
J2060
J2056
J1514
J151
OL71
V371
V370
VW
VZ
RT
SY
RV
FK
GG
AB
AG
AV
SV
8h 45m
8h 40m
8h 35m
8h 30m
8h 25m
8h 20m
8h 15m
-5°
-6°
-7°
-8°
-9°
-10°
-11°
-12°
-13°
-14°
-15°
-16°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341
343
388
389
389
M48
HYA
MON
PUP
Eq1950.0
Eq.2050.0
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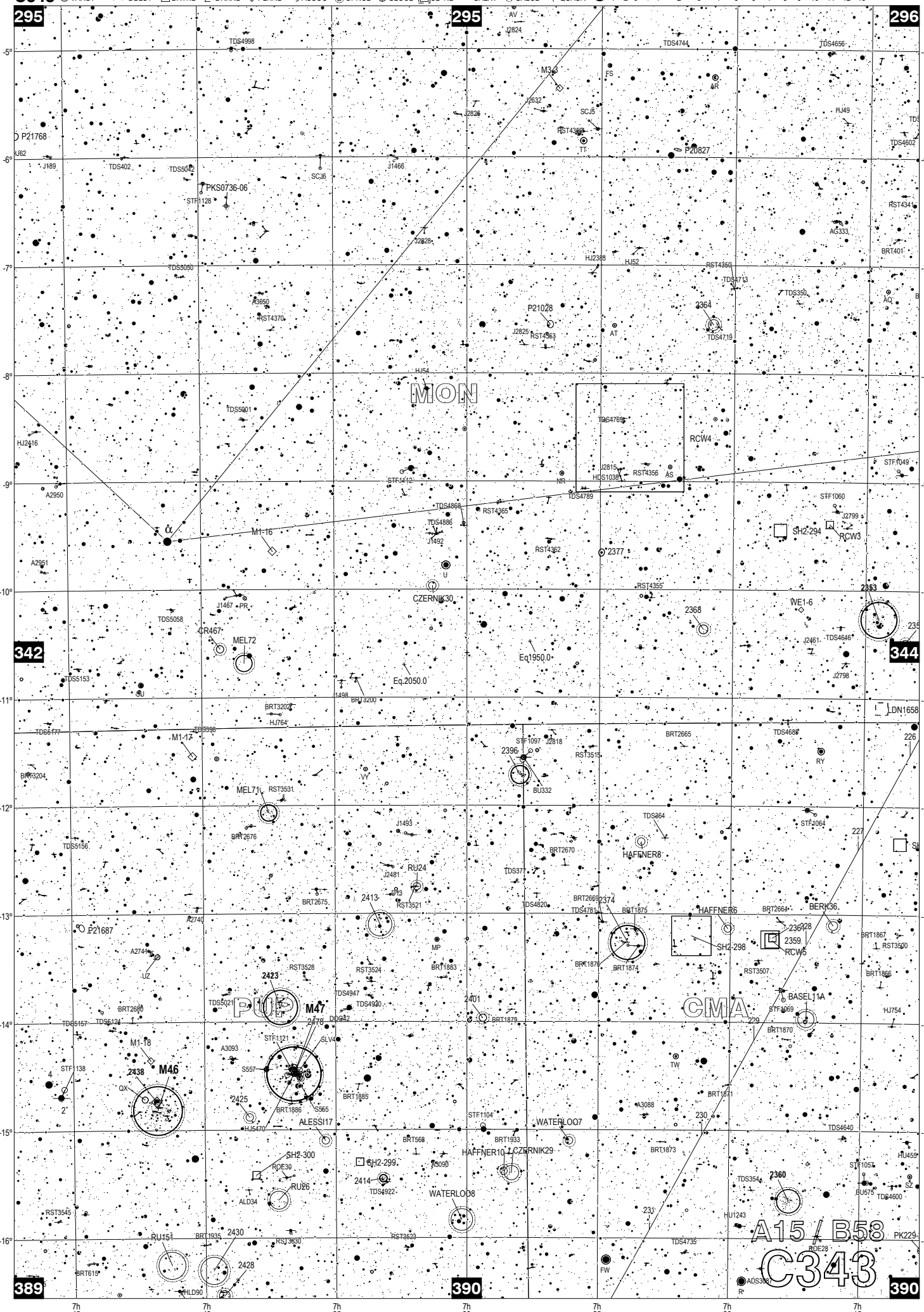
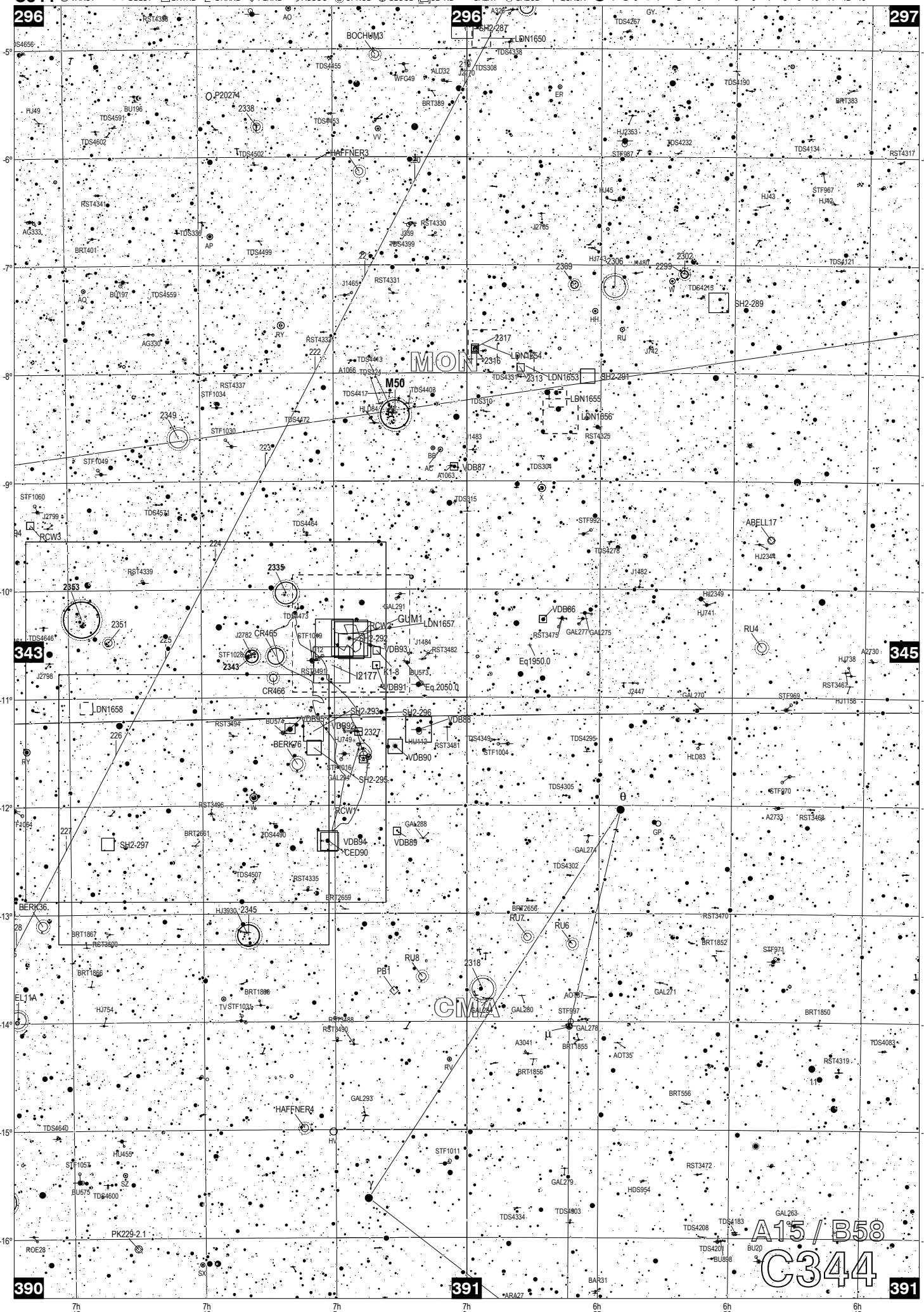
2525
2517
2539
2501
A15 / B58
C342
8h 15m
8h 10m
8h 5m
8h 0m
7h 55m
7h 50m
7h 45m


295
296
342
344
389
390
MON
CMA
PUP
M47
M46
M1-16
M1-17
M1-18
CR467
MEL72
MEL71
CZERNIK30
RCW4
SH2-294
RCW3
WE1-6
HAFFNER8
HAFFNER6
SH2-298
RCW5
BERK36
BASEL1A
SH2-300
SH2-299
RU26
RU24
RU151
ALESSI17
WATERLOO7
WATERLOO8
HAFFNER10
CZERNIK29
DN1658
P21768
P21687
P20827
P21028
PKS0736-06
A15 / B58
C343

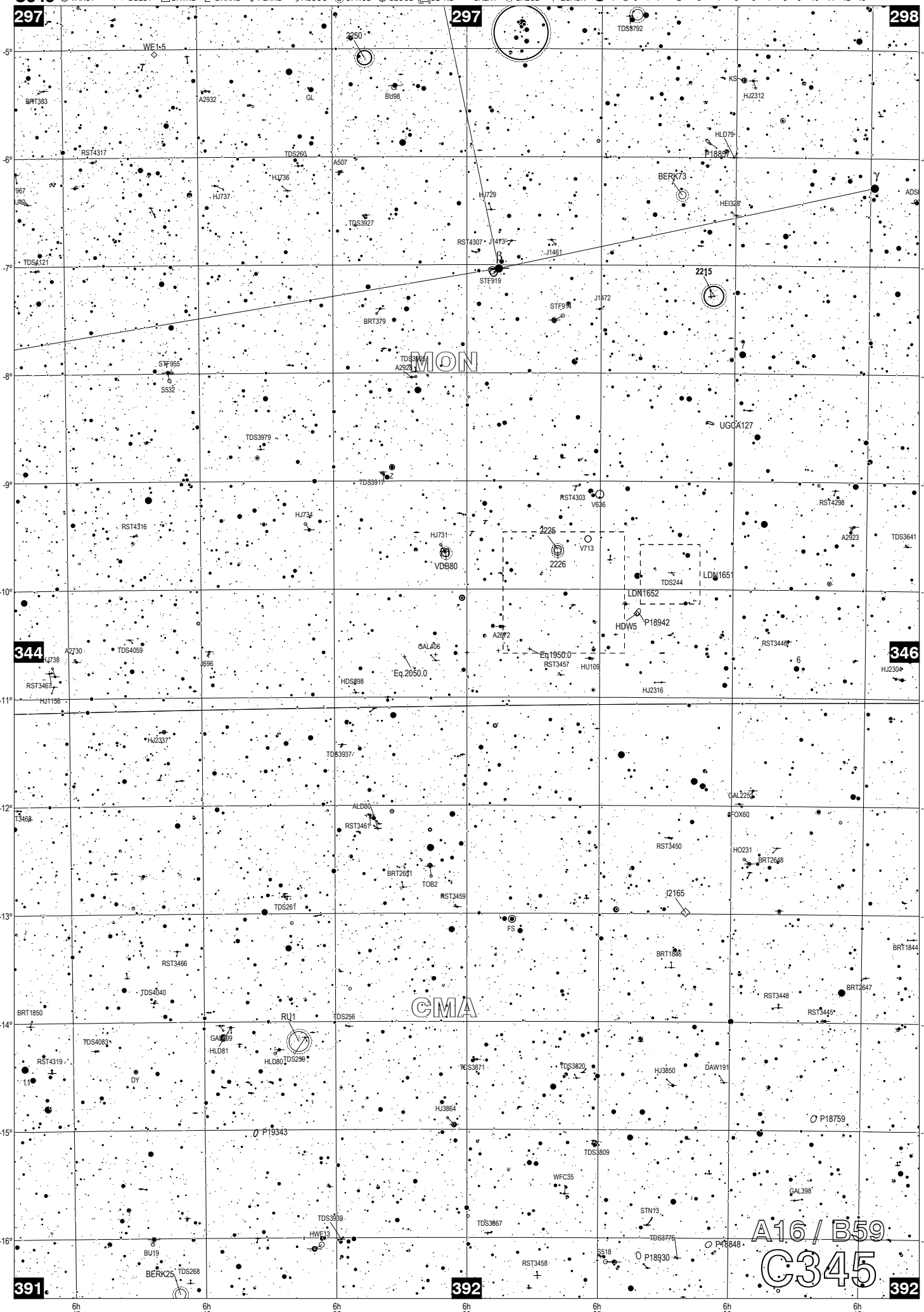
TRIATLAS Second edition by José R. Torres Lapasió (Valencia, Spain) - generated with CNebulaX in April 2008 (http://www.uv.es/jrtorres) - Deep Sky Atlas (Epoch 2000.0) - Chart C344 (framing charts: A15 / B58) - R.A.: 06h45.0m to 07h15.0m / DEC.: -15°53' to -05°18'

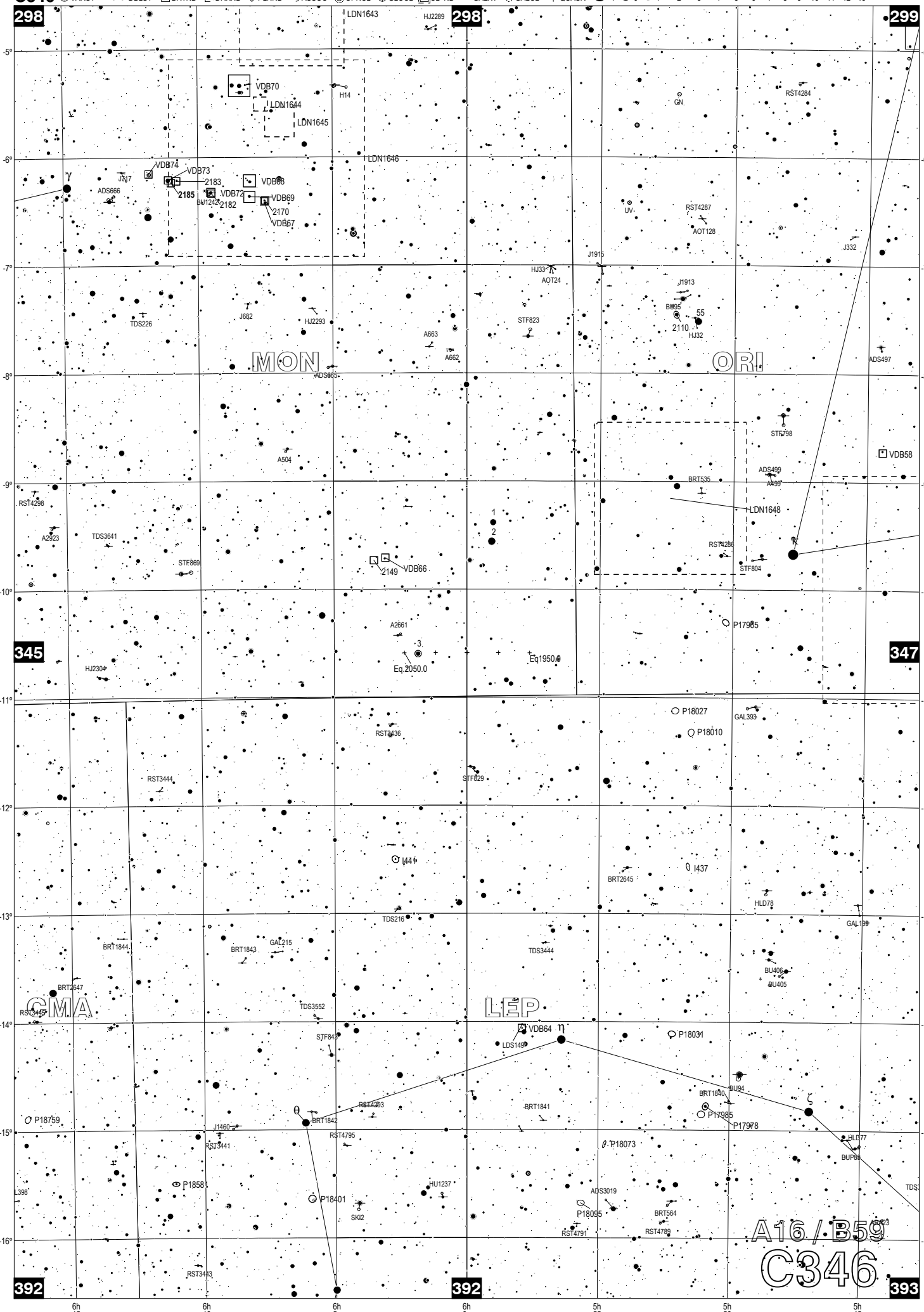
C344 VARST DBLST BRTNB DRKNB PLNNB ASSOC OPNCL GLOCL CL+NB GALXY GALCL QUASR -1 0 1 2 3 4 5 6 7 8 9 10 11 12 13



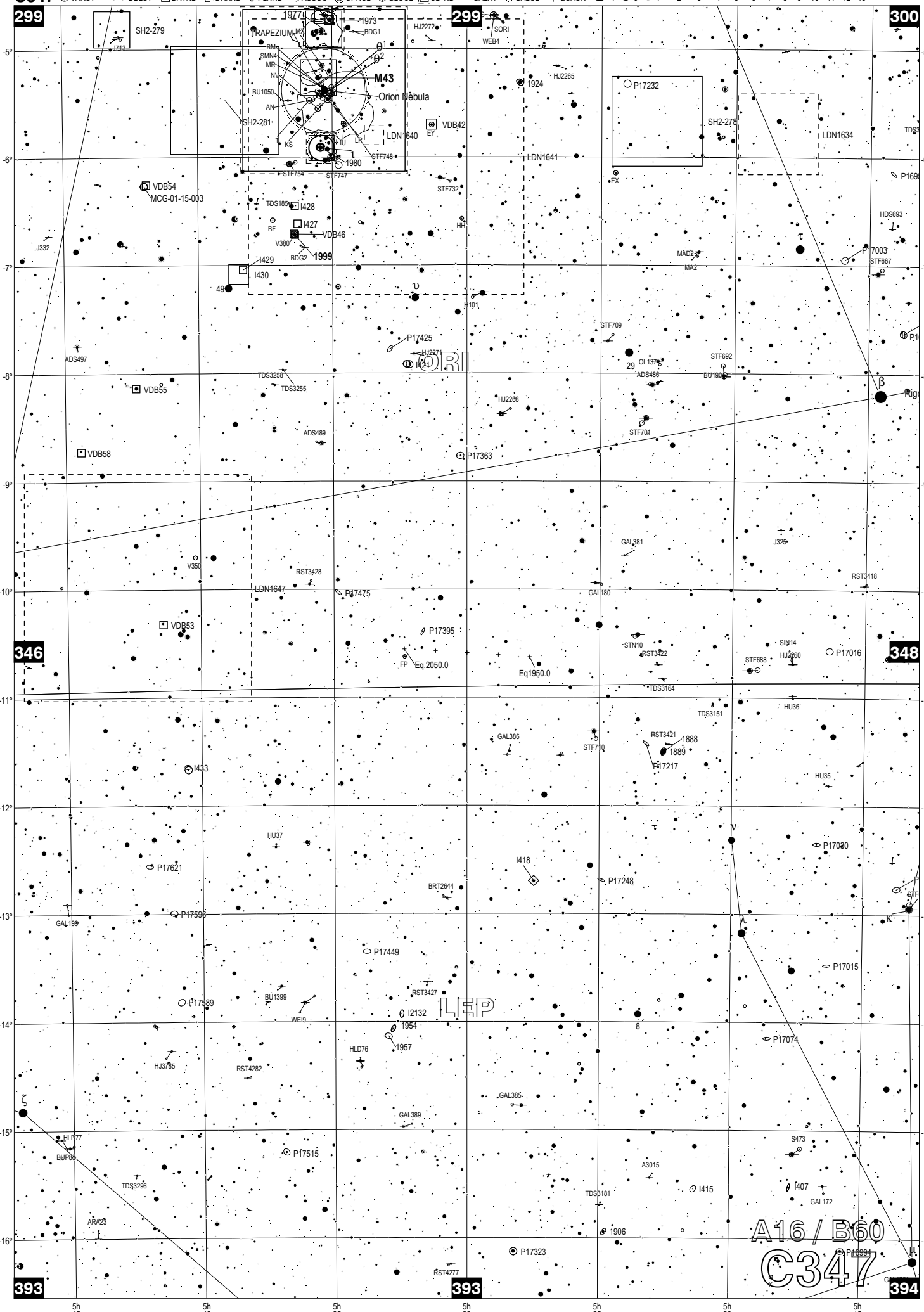
A15 / B58

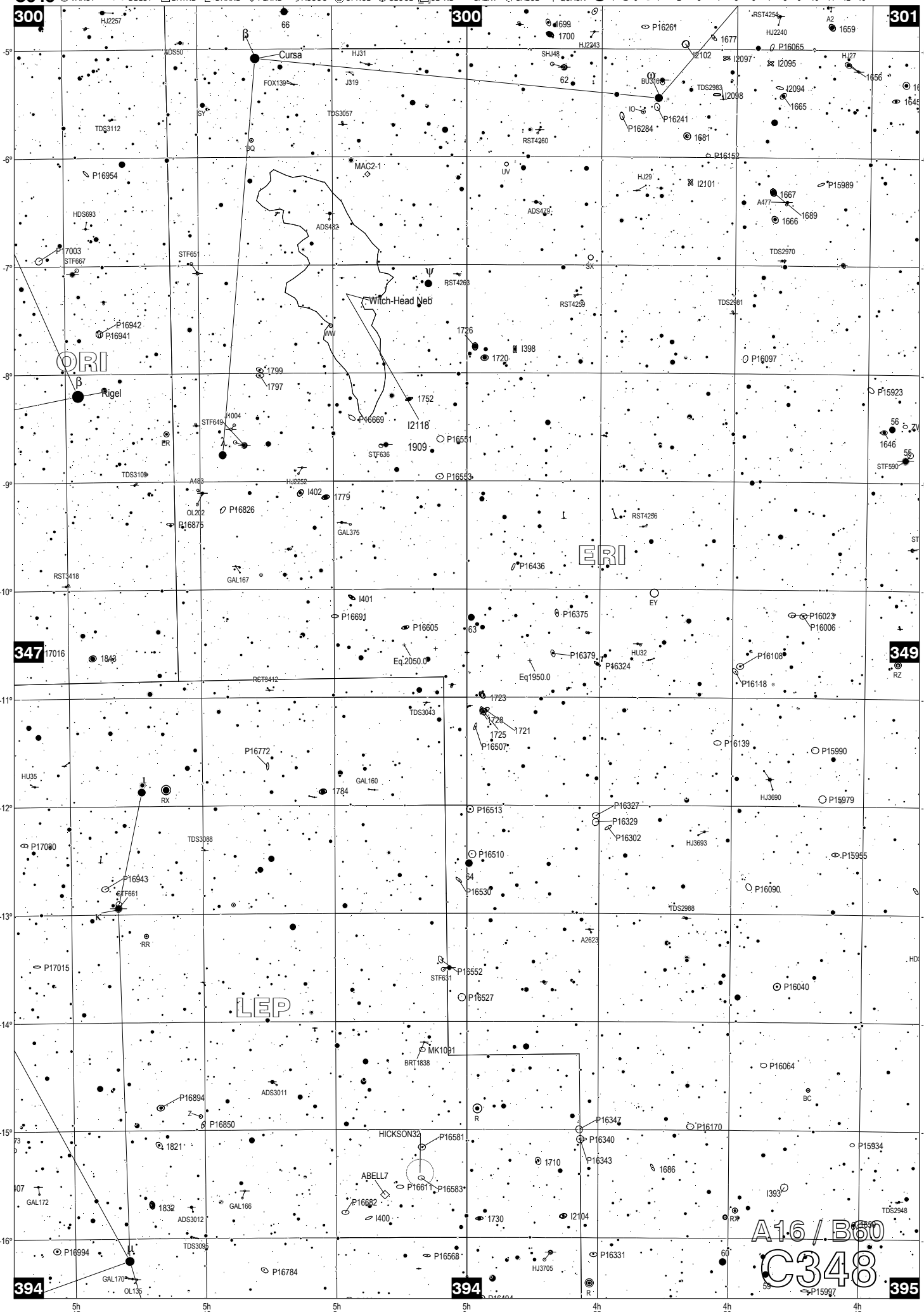
C344

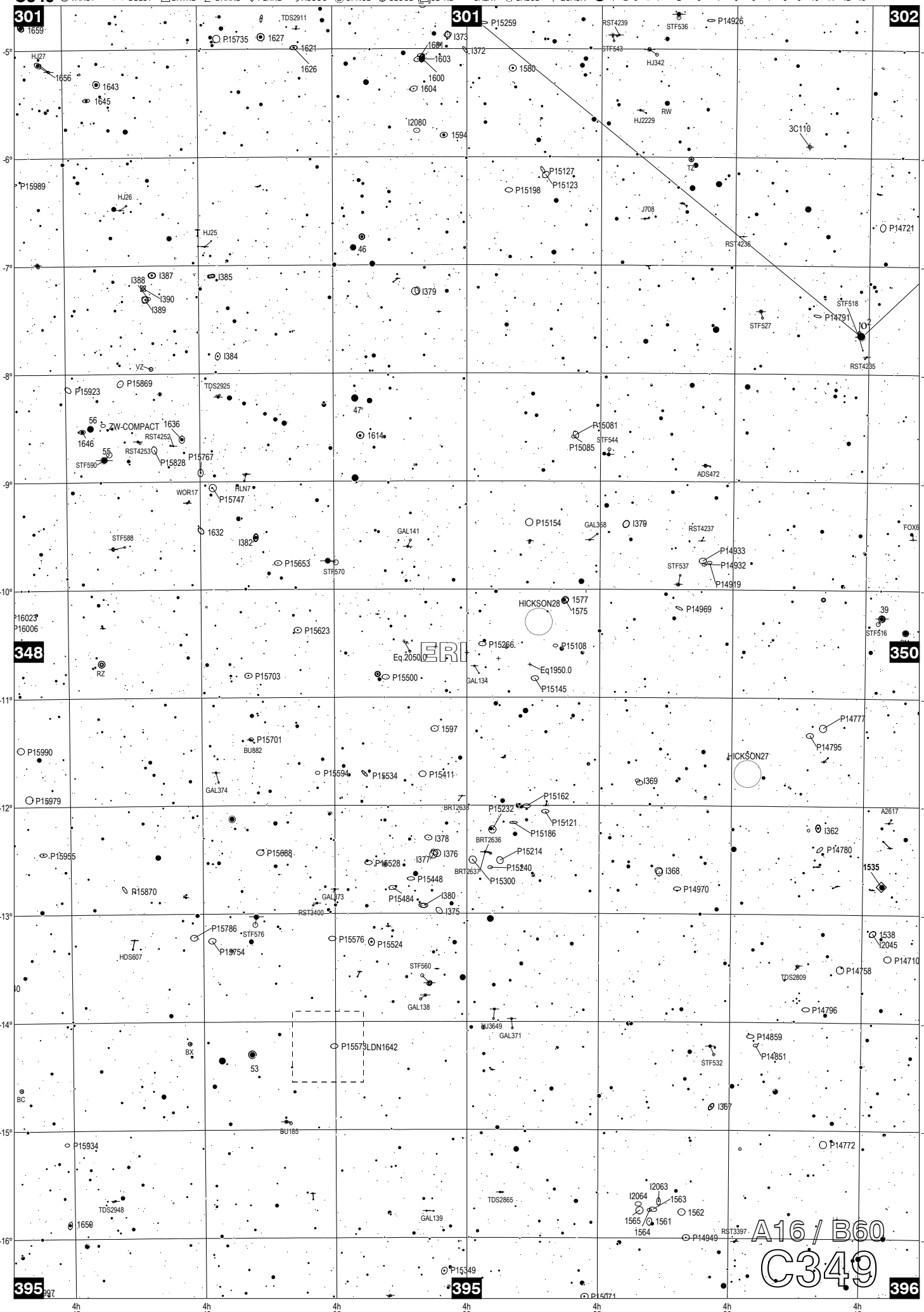

297
297
298
344
346
391
392
392
MON
CMA
2250
2215
2225
2226
VDB80
LDN1651
LDN1652
HDW5
P18942
Eq.2050.0
Eq.1950.0
WE1-5
BERK73
UGCA127
RU1
BERK25
A16 / B59
C345
6h 45m
6h 40m
6h 35m
6h 30m
6h 25m
6h 20m
6h 15m

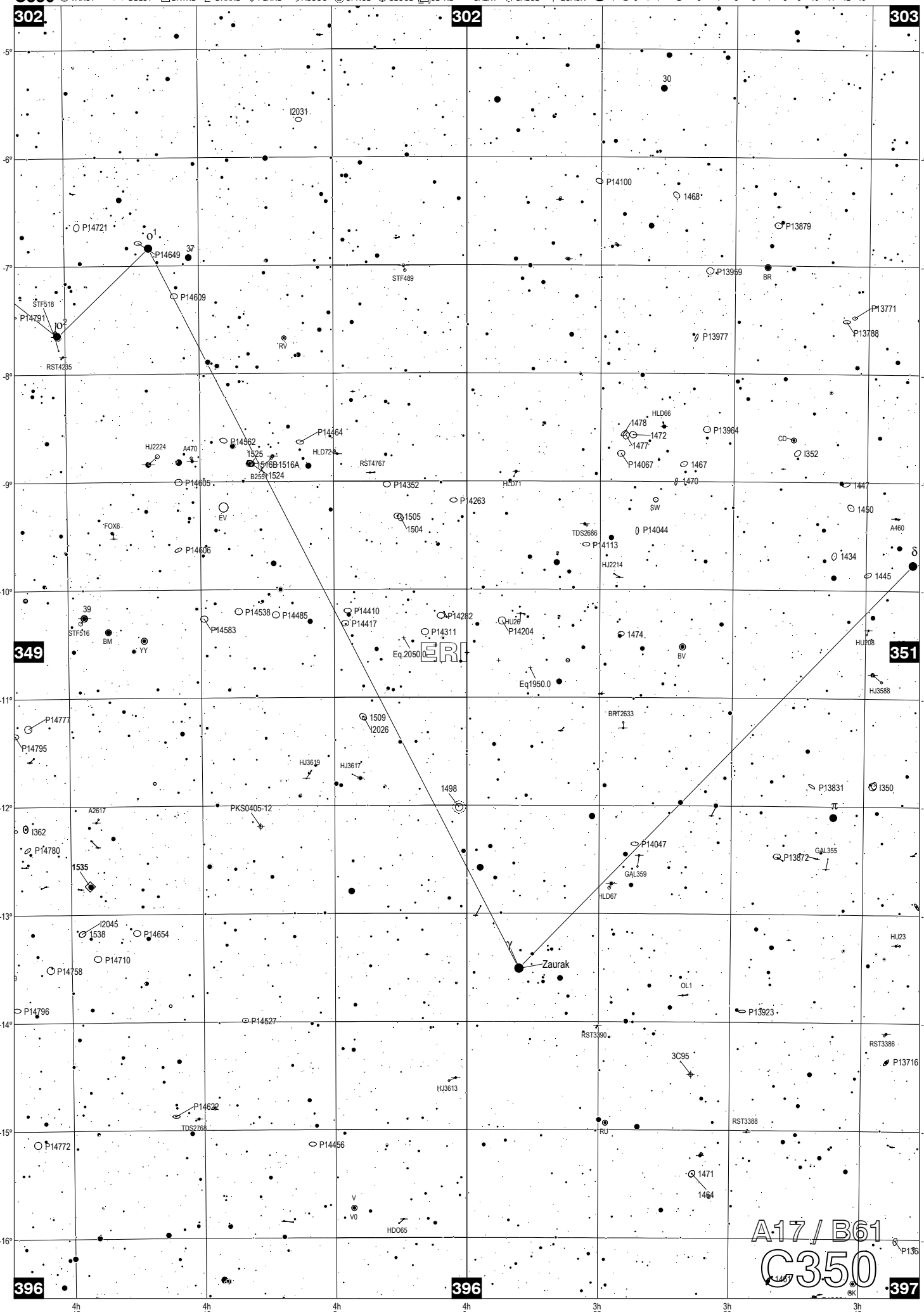

298
299
345
347
392
393
MON
ORI
CMA
LEP
LDN1643
LDN1644
LDN1645
LDN1646
LDN1648
VDB70
VDB74
VDB73
VDB68
VDB72
VDB69
VDB67
VDB66
VDB64
VDB58
2183
2185
2182
2170
2149
2110
55
Eq.2050.0
Eq1950.0
P17985
P18027
P18010
P18031
P18759
P18581
P18401
P18095
P18073
P17978
A16 / B59
C346

TRIATLAS Second edition by José R. Torres Lapasió (Valencia, Spain) - generated with CNebulaX in April 2008 (http://www.uv.es/jrtorres) - Deep Sky Atlas (Epoch 2000.0) - Chart C347 (framing charts: A16 / B60) - R.A.: 05h15.0m to 05h45.0m / DEC.: -15°53' to -05°18'



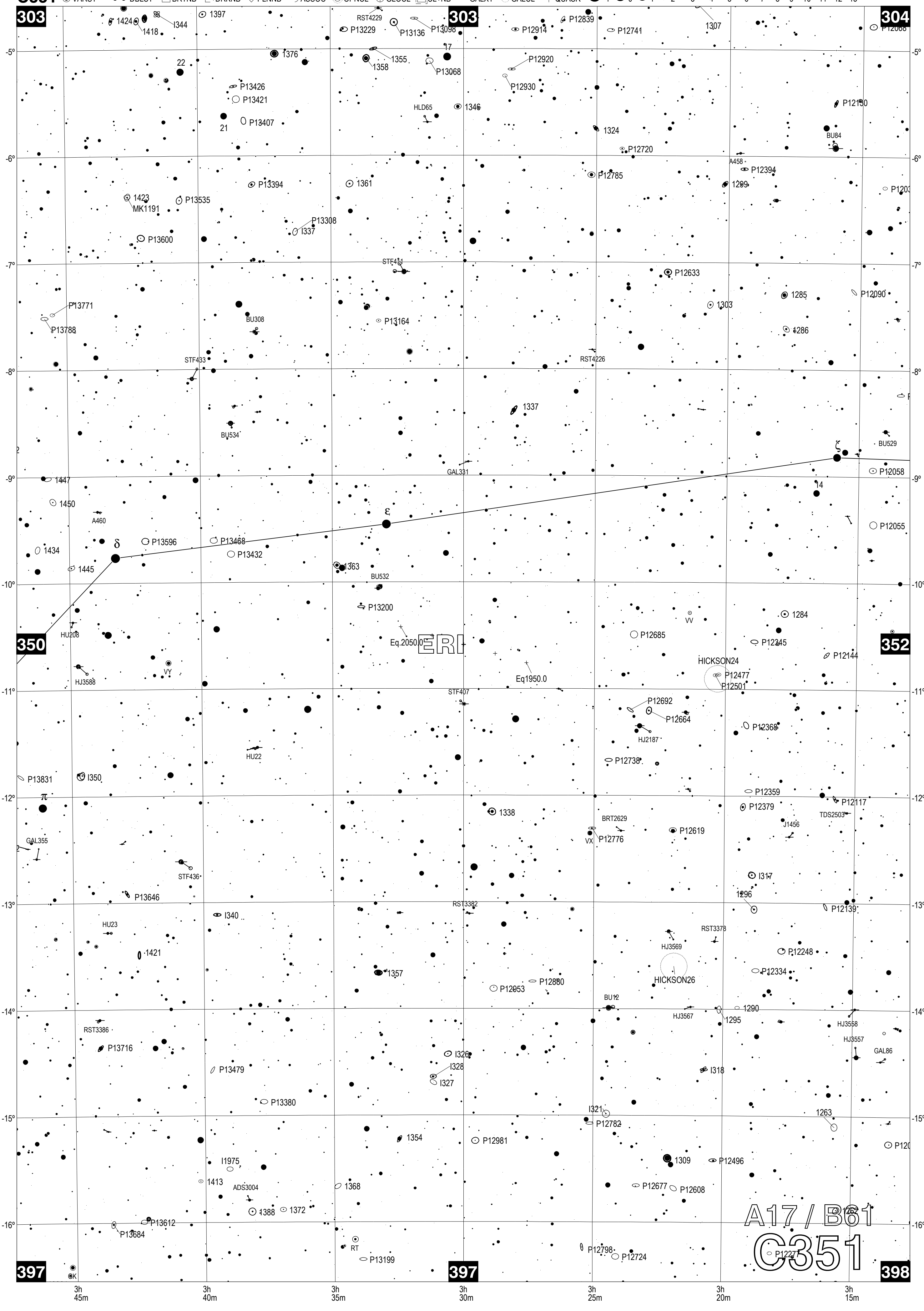

300
300
301
347
349
394
394
395
ORI
ERI
LEP
Cursa
Rigel
Witch-Head Neb
MAC2-1
Eq2000.0
Eq1950.0
A16 / B60
C348
5h 15m
5h 10m
5h 5m
5h 0m
4h 55m
4h 50m
4h 45m


301
301
302
348
350
395
395
396
HICKSON28
HICKSON27
ERI
Eq.2050.0
Eq1950.0
LDN1642
A16 / B60
C349
4h 45m
4h 40m
4h 35m
4h 30m
4h 25m
4h 20m
4h 15m

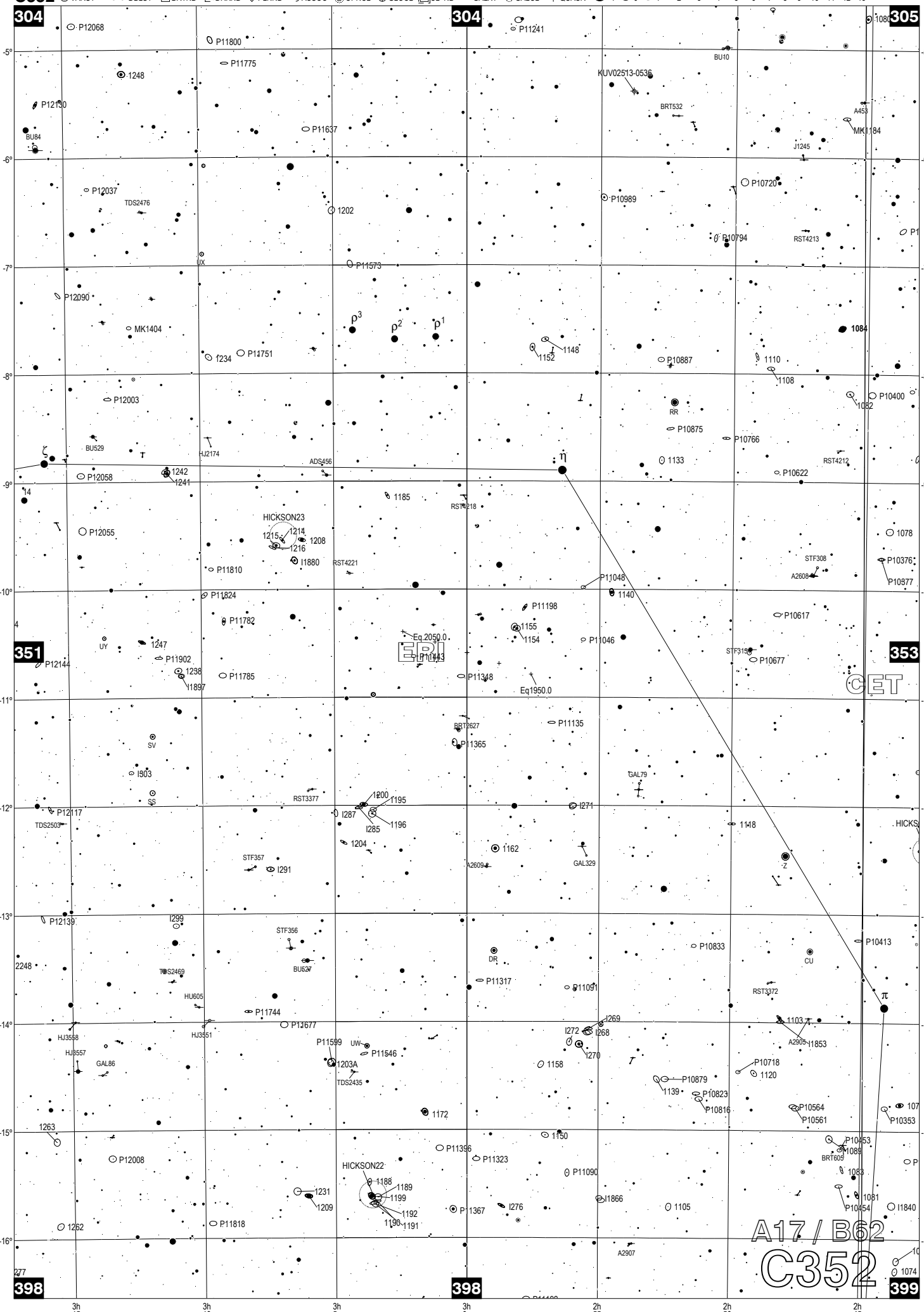

302
302
303
349
351
396
396
397
-5°
-6°
-7°
-8°
-9°
-10°
-11°
-12°
-13°
-14°
-15°
-16°
4h 15m
4h 10m
4h 5m
4h 0m
3h 55m
3h 50m
3h 45m
Zaurak
Eq2050.0
Eq1950.0
ERI
P14649
P14721
P14609
P14791
RST4235
STF518
P14605
P14606
P14562
P14464
HJ2224
A470
1525
1516B
1516A
1524
B255
HLD72
RST4767
P14352
P14263
1505
1504
FOX6
EV
P14538
P14485
P14410
P14417
P14583
STF516
BM
YY
39
P14282
P14311
HU26
P14204
P14795
P14777
1509
I2026
HJ3619
HJ3617
1498
PKS0405-12
A2617
I362
P14780
1535
I2045
1538
P14654
P14710
P14758
P14796
P14527
P14772
P14456
P14622
TDS2768
HJ3613
V
V0
HDO65
RST3390
3C95
RU
RST3388
OL1
P13923
P14047
P13872
GAL355
GAL359
HLD67
P13831
I350
BRT2633
HJ3588
HU208
HU23
P13716
RST3386
1471
1464
P14067
1467
1470
1478
1472
1477
HLD66
P13964
CD
I352
1447
1450
A460
1434
1445
P14044
P14113
HJ2214
TDS2686
SW
1474
BV
P13977
P13959
BR
P13771
P13788
P14100
1468
P13879
30
I2031
STF489
RV
P136
A17 / B61
C350

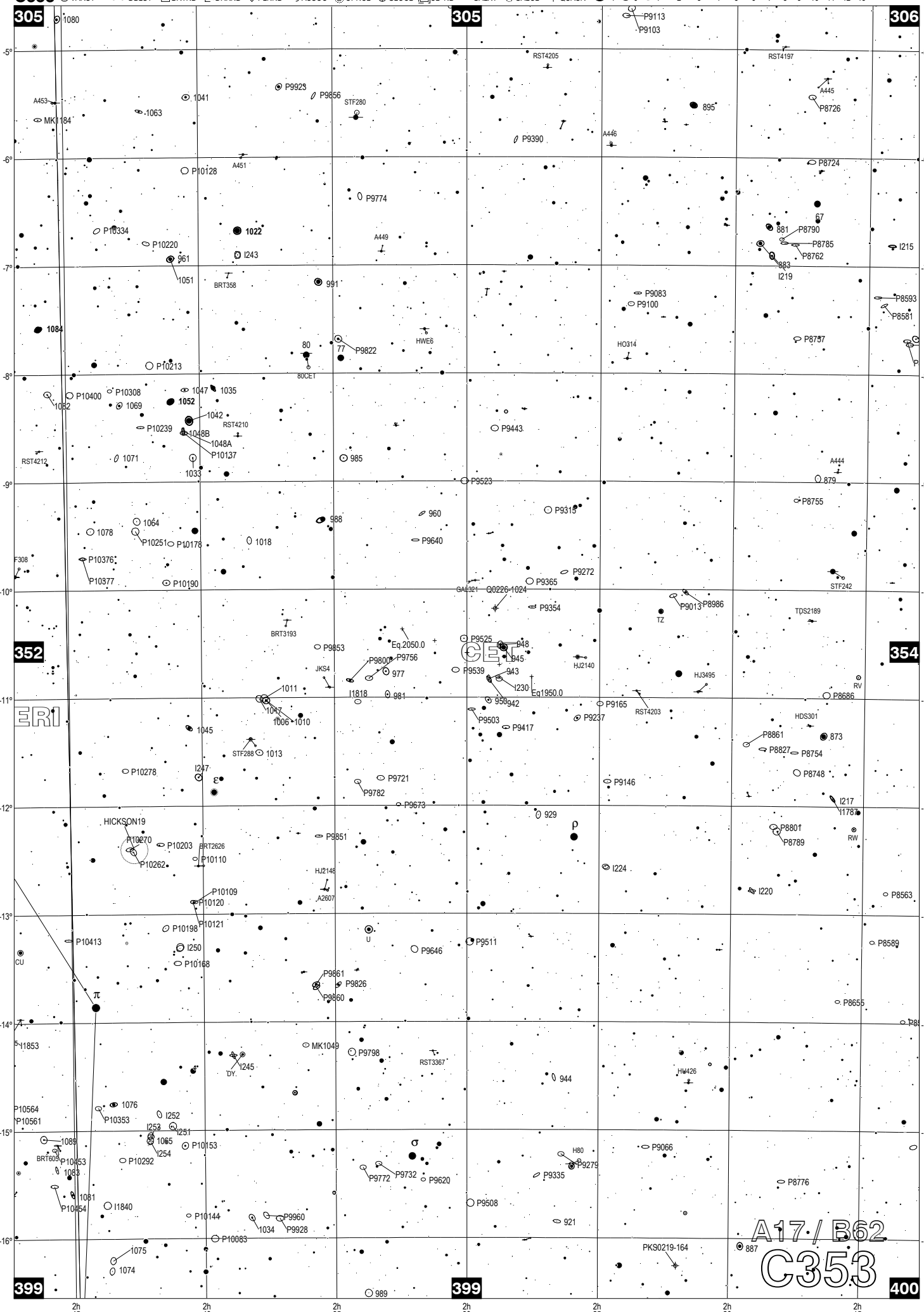
TRIATLAS Second edition by José R. Torres Lapasió (Valencia, Spain) - generated with CNebulaX in April 2008 (http://www.uv.es/jrtorres) - Deep Sky Atlas (Epoch 2000.0) - Chart C351 (framing charts: A17 / B61) - R.A.: 03h15.0m to 03h45.0m / DEC.: -15º53' to -05º18'

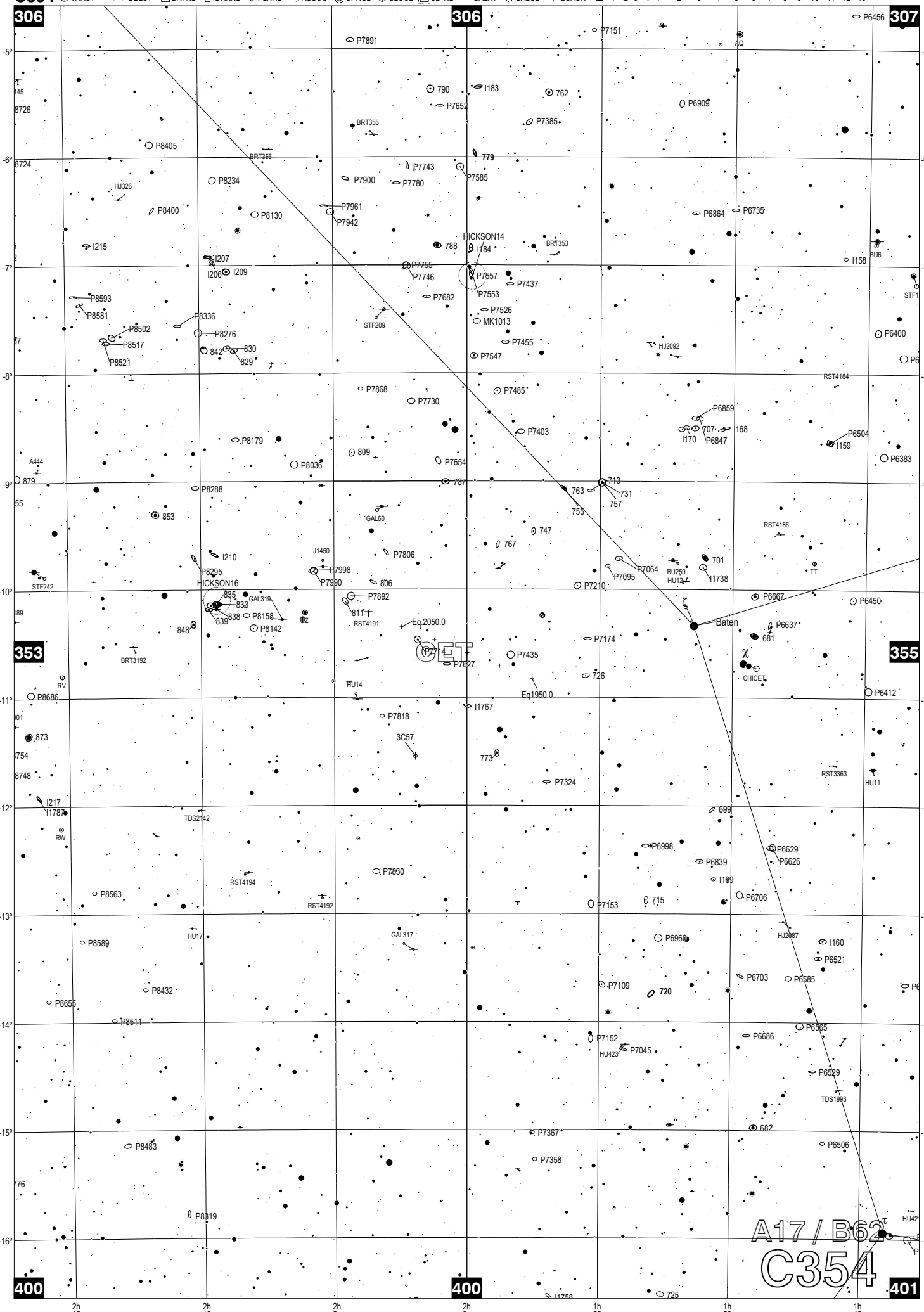
C351 VARST DBLST BRTNB DRKNB PLNNB ASSOC OPNCL GLOCL CL+NB GALXY GALCL QUASR -1 0 1 2 3 4 5 6 7 8 9 10 11 12 13



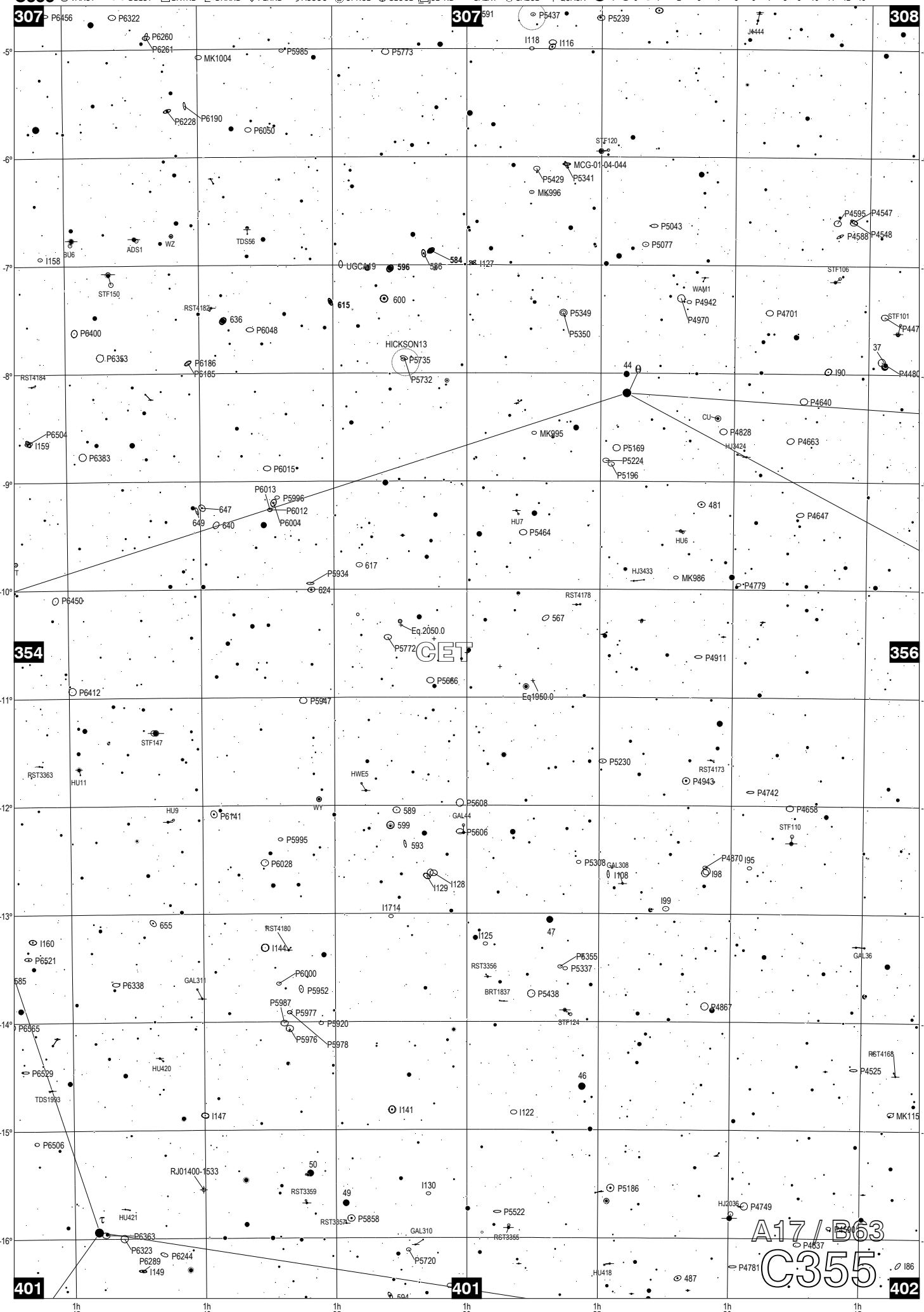
C352 VARST DBLST BRTNB DRKNB PLNNB ASSOC OPNCL GLOCL CL+NB GALXY GALCL QUASR -1 0 1 2 3 4 5 6 7 8 9 10 11 12 13

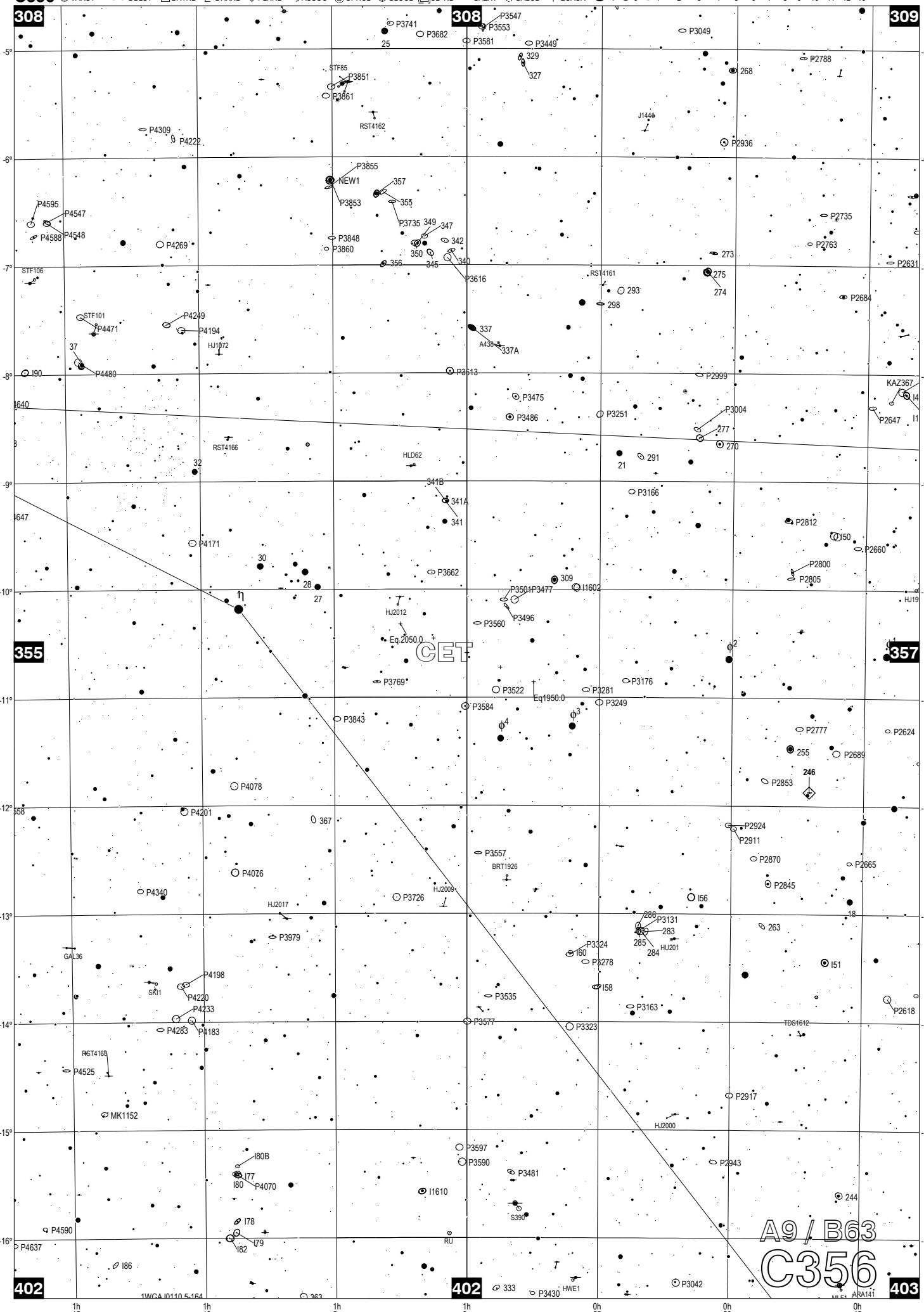


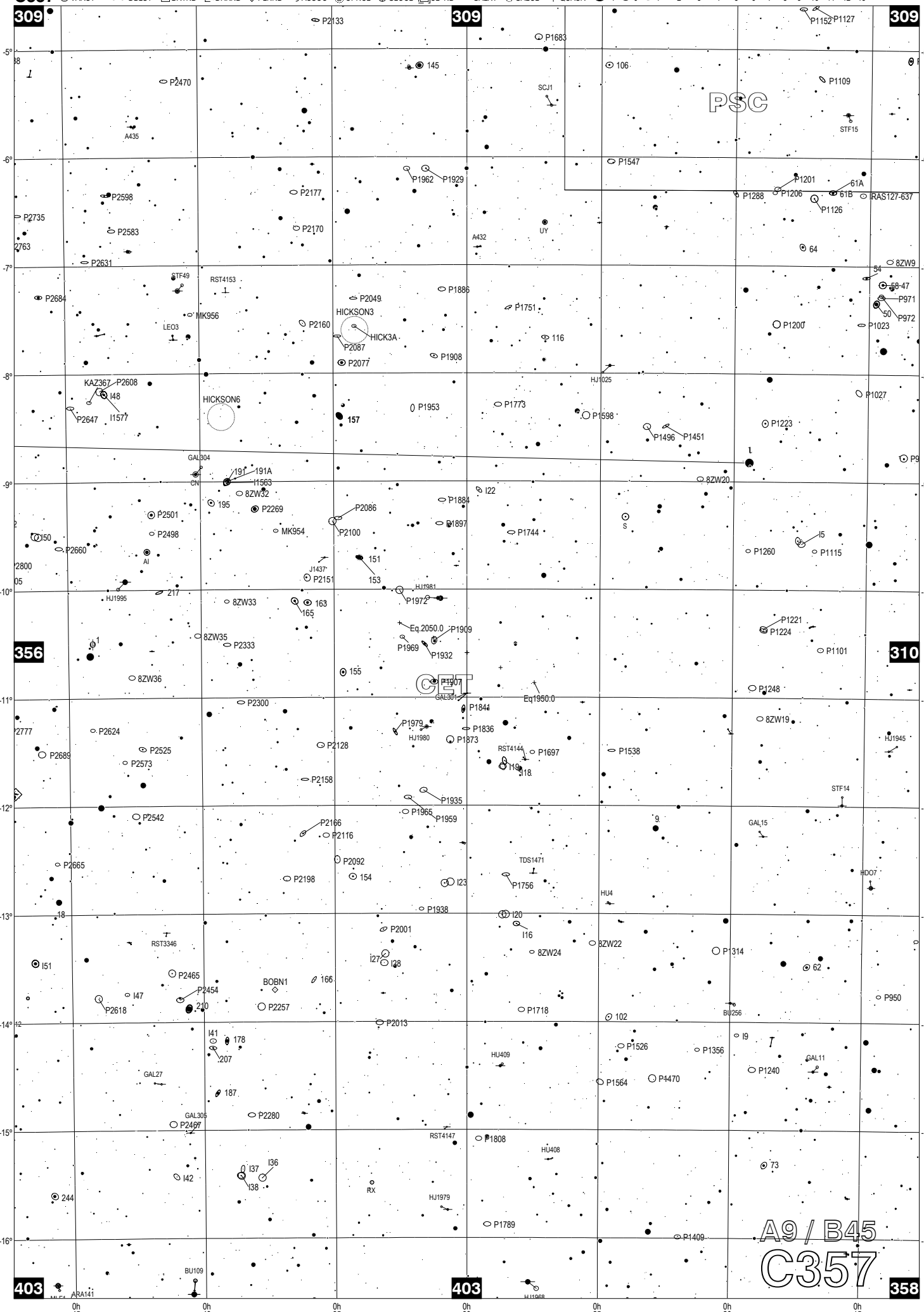

305
305
306
352
354
399
399
400
-5°
-6°
-7°
-8°
-9°
-10°
-11°
-12°
-13°
-14°
-15°
-16°
2h 45m
2h 40m
2h 35m
2h 30m
2h 25m
2h 20m
2h 15m
CET
ERI
A17 / B62
C353
1080
P9113
P9103
RST4205
RST4197
A453
1041
P9923
P9856
STF280
1063
MKT184
895
A445
P8726
P9390
A446
A451
P10128
P8724
P9774
67
P10334
1022
A449
881
P8790
P8785
P8762
I215
P10220
961
I243
883
I219
1051
BRT358
991
P9083
P9100
P8593
P8581
1084
80
77
P9822
HWE6
HO314
P8757
P10213
80CET
P10400
P10308
1047
1035
1082
1069
1052
1042
P10239
1048B
RST4210
1048A
P10137
RST4212
1071
985
1033
A444
879
P9523
P8755
P9315
1064
1078
P10251
P10178
1018
960
988
P9640
F308
P10376
P10377
P10190
P9272
P9365
STF242
GAL321
Q0226-1024
P9354
P9013
P8986
TZ
TDS2189
BRT3193
P9853
Eq 2050.0
P9525
D48
L945
P9800
P9756
977
JKS4
P9539
943
I230
HJ2140
HJ3495
RV
1011
I1818
981
Eq1950.0
P8686
1017
1006
1010
950
942
P9165
RST4203
P9503
P9417
P9237
HDS301
1045
P8861
873
STF288
1013
P8827
P8754
P10278
I247
ε
P9721
P9782
P8748
P9146
I217
I1787
P9673
929
HICKSON19
P10270
P10203
BRT2626
P9851
ρ
P8801
P8789
RW
P10262
P10110
I224
HJ2148
A2607
P10109
P10120
I220
P8563
P10198
P10121
U
P10413
P9646
P9511
P8589
I250
P10168
CU
P9861
P9826
P9860
π
P8655
I1853
MK1049
P9798
RST3367
I245
DY
944
HJ426
P10564
P10561
1076
P10353
I252
I253
I251
1089
1065
P10153
I254
BRT605
P10453
P10292
1083
σ
H80
P9066
P9279
P9772
P9732
P9620
P9335
1081
P10454
I1840
P9508
P8776
P10144
P9960
1034
P9928
921
P10083
1075
1074
989
PKS0219-164
887

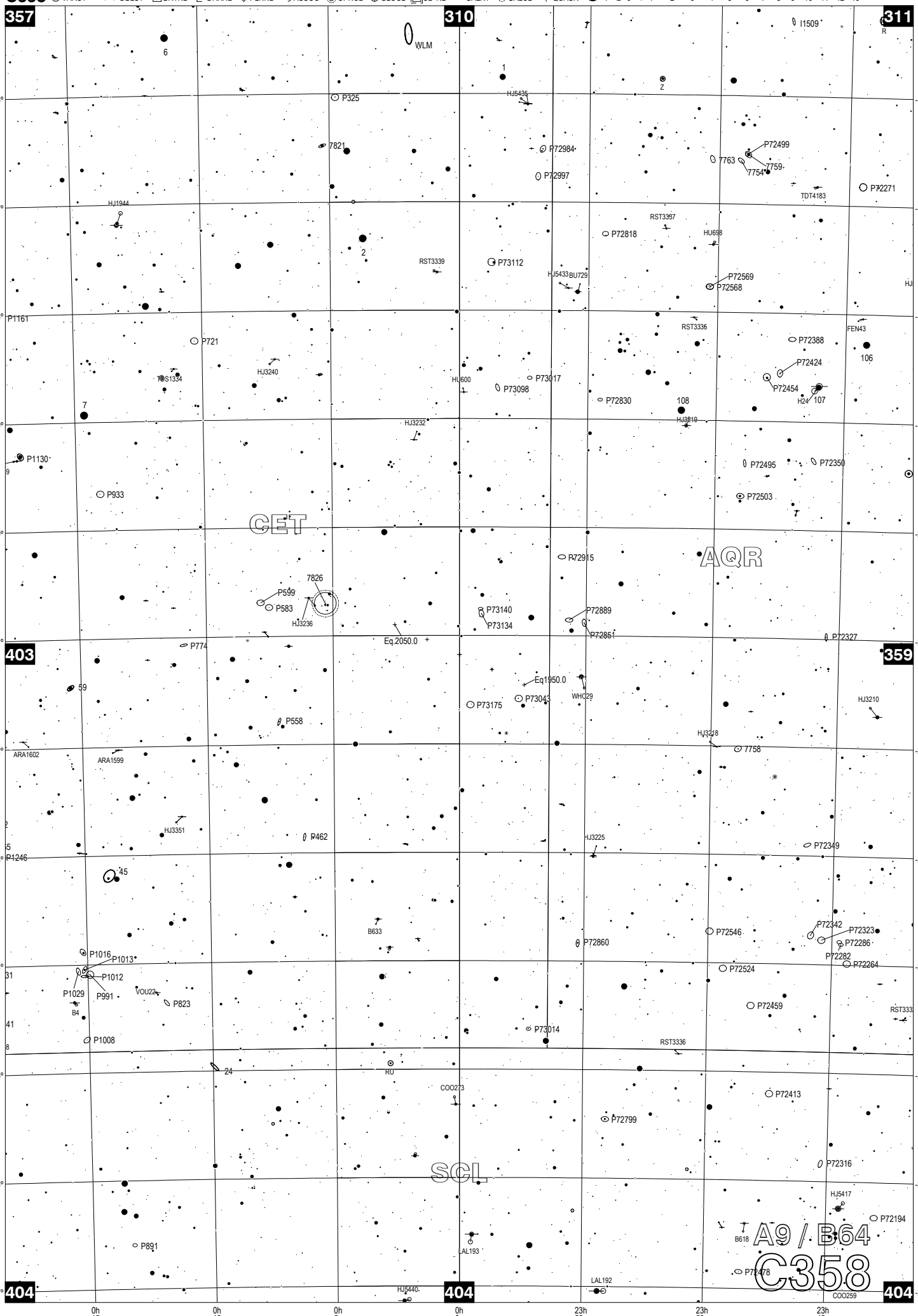

306
306
307
353
355
400
400
401
Baten
CHICET
Eq2000.0
Eq1950.0
A17 / B62
C354
2h 15m
2h 10m
2h 5m
2h 0m
1h 55m
1h 50m
1h 45m

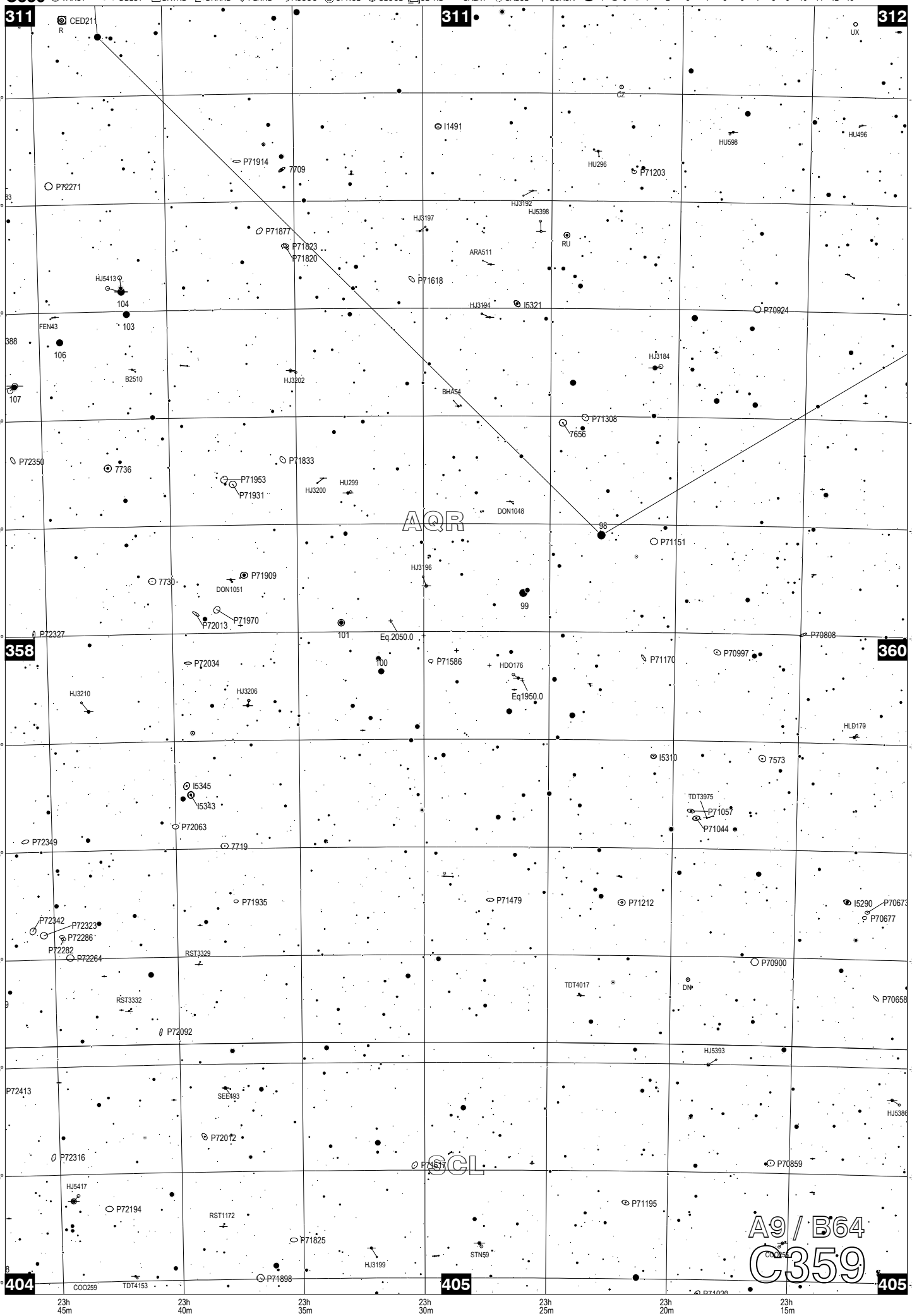
C355 VARST DBLST BRTNB DRKNB PLNNB ASSOC OPNCL GLOCL CL+NB GALXY GALCL QUASR -1 0 1 2 3 4 5 6 7 8 9 10 11 12 13




308
309
355
357
402
403
CET
A9 / B63
C356
P3741
P3682
P3547
P3553
P3581
P3449
P3049
P2788
P3851
P3861
RST4162
P4309
P4222
P2936
P3855
NEW1
P3853
P4595
P4547
P4588
P4548
P4269
P3735
P3848
P3860
P2735
P2763
P2631
P3616
RST4161
P2684
P4471
P4249
P4194
HJ1072
P4480
P3613
P2999
P3475
P3486
P3251
P3004
P2647
KAZ367
RST4166
HLD62
P3166
P2812
P2660
P2800
P2805
P4171
P3662
P3504
P3477
P3496
HJ2012
P3560
Eq 2050.0
P3769
P3522
Eq1950.0
P3281
P3176
P3249
P3584
P3843
P2777
P2624
P2689
P2853
P4078
P4201
P4076
P3557
BRT1926
P2924
P2911
P2870
P2665
P2845
P4340
HJ2009
P3726
HJ2017
P3979
P3131
P3324
P3278
P4198
P4220
P4233
P4283
P4183
P3535
P3163
P2618
TDS1612
P3577
P3323
RST4168
P4525
MK1152
P2917
HJ2000
P3597
P3590
P3481
P2943
I80B
I77
I80
P4070
I1610
S390
P4590
P4637
I78
I79
I82
I86
RU
P3042
HWE1
P3430
333
363
1WGA J0110.5-164
ARA141
1h 15m
1h 10m
1h 5m
1h 0m
0h 55m
0h 50m
0h 45m


309
309
309
356
310
403
403
358
PSC
CET
A9 / B45
C357
P2133
P1683
P1152
P1127
145
106
P2470
SCJ1
P1109
A435
STF15
P1547
P1962
P1929
P1201
61A
P2598
P2177
P1288
P1206
61B
IRAS127-637
P1126
P2735
P2583
P2170
UY
A432
64
2763
P2631
8ZW9
54
STF49
RST4153
58-47
P2684
P2049
P1886
P1751
P971
HICKSON3
MK956
50
P972
LEO3
P2160
HICK3A
P1200
P1023
116
P2087
P2077
P1908
HJ1025
KAZ367
P2608
P1027
I48
HICKSON6
P1953
P1773
P1598
P2647
I1577
157
P1223
P1496
P1451
GAL304
191
191A
CN
I1563
8ZW20
8ZW32
195
P2269
I22
P1884
P2501
P2086
P1897
P1744
P2498
MK954
P2100
I5
I50
P2660
P1260
P1115
Al
151
J1437
P2151
153
HJ1981
HJ1995
217
P1972
8ZW33
163
165
Eq 2050.0
P1909
P1221
P1224
8ZW35
P2333
P1969
P1932
P1101
155
8ZW36
P1907
GAL301
Eq1950.0
P1248
P2300
P1844
P1979
8ZW19
HJ1945
P2624
P1836
HJ1980
P1873
P2689
P2525
P2128
RST4144
P1697
P1538
P2573
I19
I18
P2158
STF14
P1935
P1965
P1959
P2542
P2166
P2116
GAL15
P2665
P2092
TDS1471
P2198
154
I23
P1756
HDO7
HU4
18
P1938
I20
P2001
I16
RST3346
8ZW22
8ZW24
P1314
I51
I27
I28
62
P2465
BOBN1
166
P2454
I47
P950
P2618
240
P2257
P1718
102
BU256
12
P2013
I41
178
I9
P1526
P1356
207
HU409
GAL11
GAL27
P1564
P1470
P1240
187
GAL305
P2280
P2467
RST4147
P1808
HU408
73
I37
I36
I42
I38
RX
244
HJ1979
P1789
P1409
BU109
ARA141
0h 45m
0h 40m
0h 35m
0h 30m
0h 25m
0h 20m
0h 15m


357
310
311
403
359
404
404
404
CET
AQR
SCL
A9 / B64
C358
WLM
P325
7821
P72984
P72997
I1509
P72499
7763
7754
7759
P72271
TDT4183
HJ1944
RST3357
P72818
HU698
RST3339
P73112
HJ5433
BU729
P72569
P72568
P1161
RST3335
FEN43
P721
P72388
106
P72424
HJS1334
HJ3240
HU600
P73017
P73098
P72454
H24
107
P72830
108
HJ3819
HJ3232
P1130
P72495
P72350
P933
P72503
7826
P599
P583
HJ3236
P73140
P73134
P72889
P72861
P72915
P72327
Eq 2050.0
P774
Eq 1950.0
WHC29
P73175
P73043
HJ3210
P558
HJ3218
7758
ARA1602
ARA1599
HJ3351
P462
HJ3225
P72349
P1246
45
B633
P72546
P72860
P72342
P72323
P72286
P72282
P72264
P1016
P1013
P1012
P1029
P991
VOU22
P823
B4
P72524
P72459
P73014
P1008
RST3336
24
RU
COO273
P72413
P72799
P72316
HJ5417
P72194
B618
P72478
P891
LAL193
LAL192
HJ5440
COO259
0h 15m
0h 10m
0h 5m
0h 0m
23h 55m
23h 50m
23h 45m


311
312
358
360
404
405
AQR
SCL
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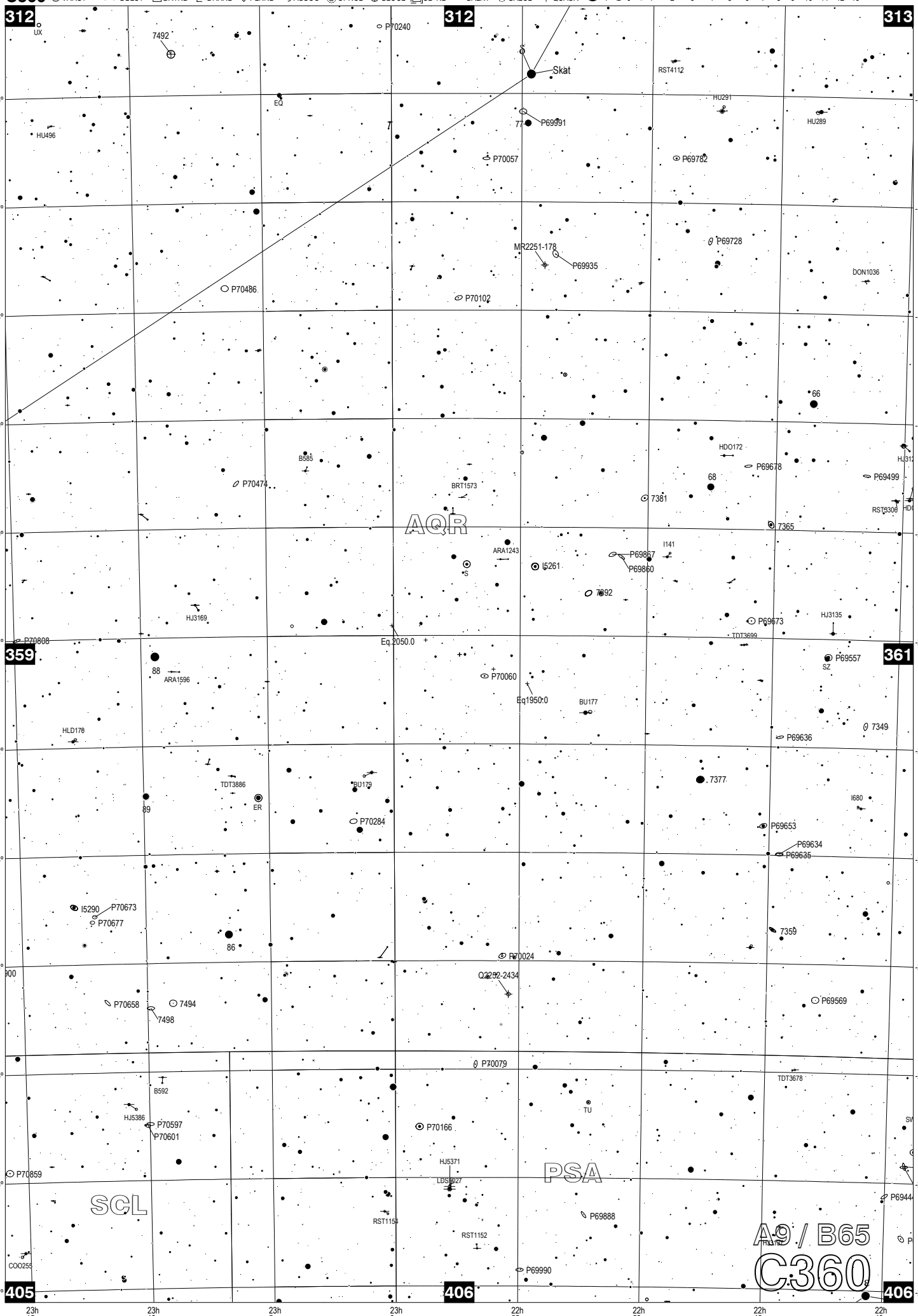
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