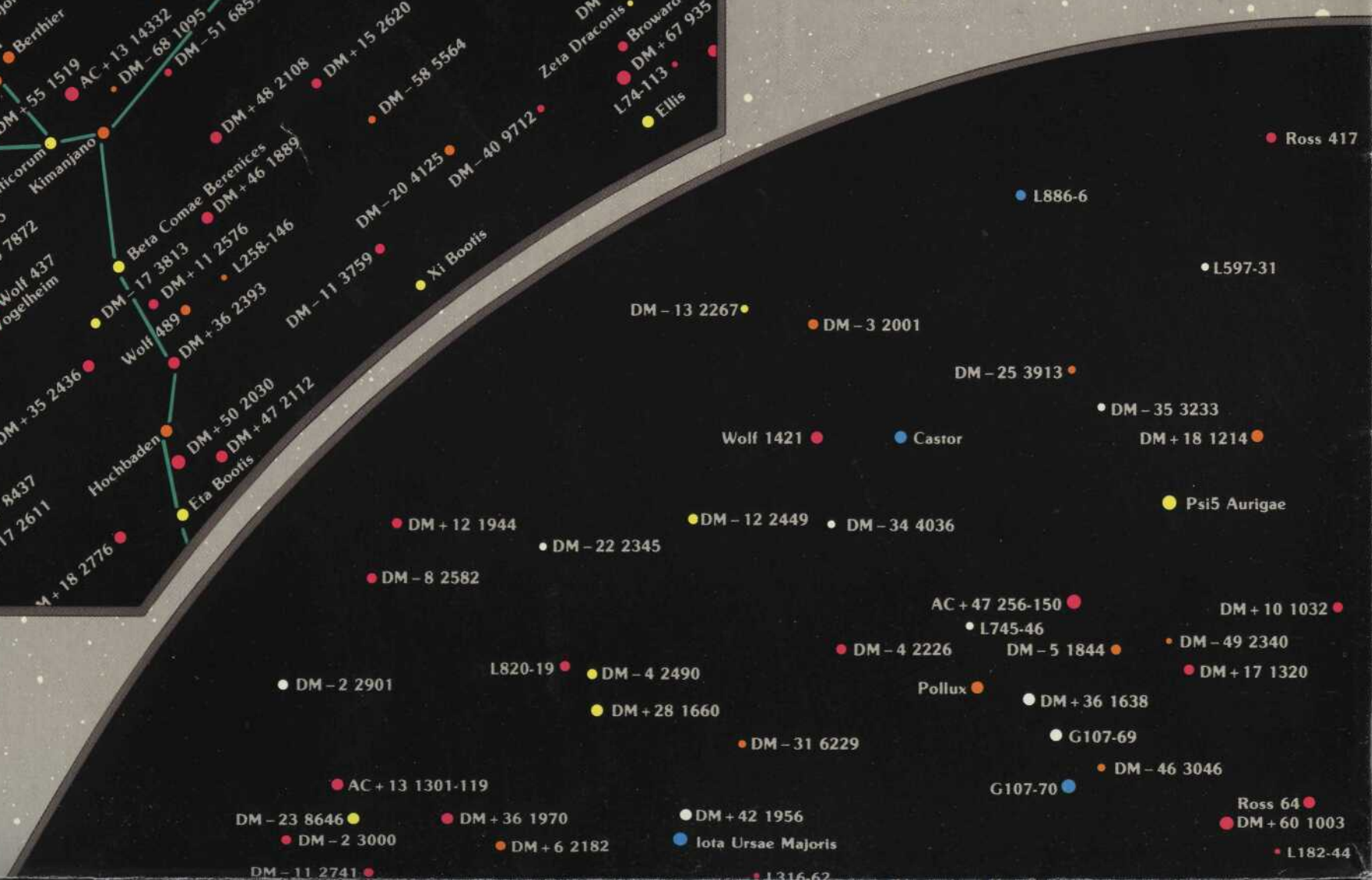
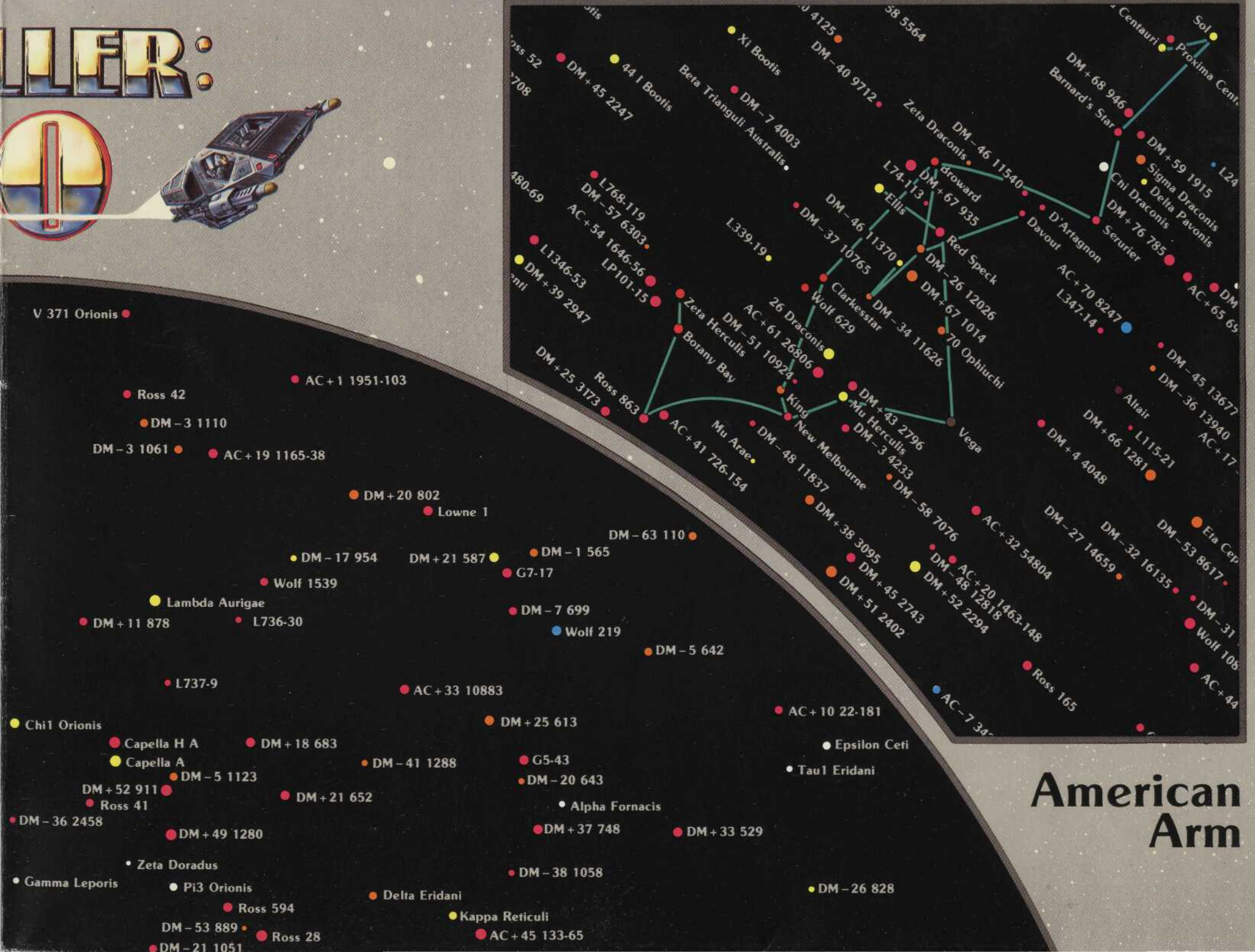
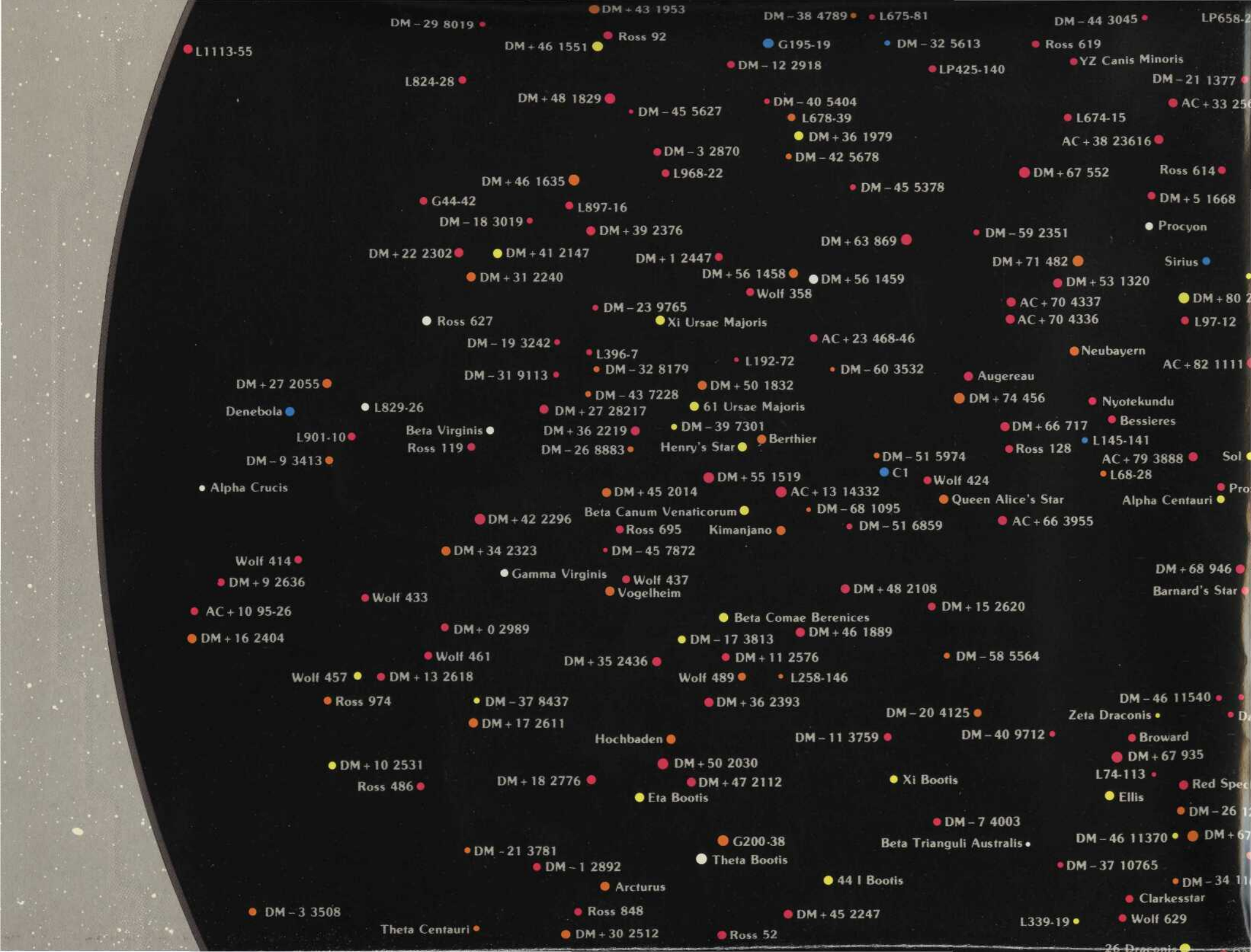
TRAVE
230



French Arm



American Arm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DM – 38 4789
L675-81
DM – 44 3045
LP658-2
Ross 92
L1113-55
DM + 46 1551
G195-19
DM – 32 5613
Ross 619
YZ Canis Minoris
DM – 12 2918
LP425-140
DM – 21 1377
L824-28
DM + 48 1829
DM – 40 5404
AC + 33 25
DM – 45 5627
L678-39
L674-15
DM + 36 1979
AC + 38 23616
DM – 3 2870
DM – 42 5678
L968-22
DM + 67 552
Ross 614
DM + 46 1635
DM – 45 5378
G44-42
L897-16
DM + 5 1668
DM – 18 3019
Procyon
DM + 39 2376
DM – 59 2351
DM + 63 869
DM + 22 2302
DM + 41 2147
DM + 1 2447
DM + 71 482
Sirius
DM + 31 2240
DM + 56 1458
DM + 56 1459
DM + 53 1320
Wolf 358
AC + 70 4337
DM + 80
DM – 23 9765
Ross 627
Xi Ursae Majoris
AC + 70 4336
L97-12
DM – 19 3242
AC + 23 468-46
Neubayern
L396-7
L192-72
AC + 82 1111
DM – 31 9113
DM – 32 8179
DM – 60 3532
Augereau
DM + 27 2055
DM + 50 1832
DM – 43 7228
DM + 74 456
Nyotekundu
Denebola
L829-26
DM + 27 28217
61 Ursae Majoris
Bessieres
DM + 66 717
Beta Virginis
DM + 36 2219
DM – 39 7301
L145-141
L901-10
Berthier
Ross 128
Ross 119
DM – 26 8883
Henry's Star
AC + 79 3888
Sol
DM – 51 5974
DM – 9 3413
L68-28
DM + 55 1519
C1
Wolf 424
Alpha Crucis
DM + 45 2014
AC + 13 14332
Queen Alice's Star
Alpha Centauri
Beta Canum Venaticorum
DM – 68 1095
DM + 42 2296
AC + 66 3955
Ross 695
Kimanjano
DM – 51 6859
DM + 34 2323
DM – 45 7872
Wolf 414
DM + 68 946
Gamma Virginis
Wolf 437
DM + 9 2636
Vogelheim
DM + 48 2108
Barnard's Star
Wolf 433
DM + 15 2620
AC + 10 95-26
Beta Comae Berenices
DM + 0 2989
DM + 46 1889
DM + 16 2404
DM – 17 3813
Wolf 461
DM + 35 2436
DM + 11 2576
DM – 58 5564
Wolf 457
DM + 13 2618
Wolf 489
L258-146
DM – 46 11540
Ross 974
DM – 37 8437
DM + 36 2393
DM – 20 4125
Zeta Draconis
DM + 17 2611
Hochbaden
DM – 11 3759
DM – 40 9712
Broward
DM + 67 935
DM + 10 2531
DM + 50 2030
L74-113
Ross 486
DM + 18 2776
DM + 47 2112
Xi Bootis
Red Spec
Eta Bootis
Ellis
DM – 26
DM – 7 4003
G200-38
DM – 46 11370
DM + 67
DM – 21 3781
Beta Trianguli Australis
Theta Bootis
DM – 1 2892
DM – 37 10765
44 I Bootis
DM – 34
Arcturus
Clarkesstar
DM – 3 3508
Ross 848
DM + 45 2247
L339-19
Wolf 629
Theta Centauri
DM + 30 2512
Ross 52


DM – 62 780
DM – 3 1123
AC + 12 1800-213
DM – 48 1011
DM + 52 857
Iota Persei
Theta Persei
DM – 13 544
DM – 44 775
AC + 25 7918
Delta Trianguli
DM + 6 398
DM – 54 487
Omicron2 Eridani
L1303-10
DM – 18 359
Zeta1 Reticuli
DM + 47 612
DM + 32 828
DM – 51 532
L127-97
Zeta2 Reticuli
DM – 41 328
AC + 58 13565
Alpha Hydri
82 Eridani
L89-27
DM + 19 279
Kapetyn's Star
DM + 63 229
AC + 56 13511
Alpha Mensae
Epsilon Eridani
DM + 61 366
DM + 62 274
AC + 58 25001
L724-32
Haifeng
DM + 63 137
DM + 63 238
AC + 60 3496
Tau Ceti
Rho Eridani
DM – 28 302
AC + 79 1584
Mu Cassiopei
DM + 4 123
Qingyuan
DM – 68 47
DM + 61 195
Eta Cassiopei
Wolf 47
Van Maanen's Star
AC + 71 532
DM + 66 34
Groombridge 34
Zeta Tucanae
Beta Hydri
Hunjiang
DM + 44 4548
Beta Cassiopei
L362-81
DM + 45 4408
Ross 248
DM + 74 1047
DM – 73 1672
DM + 1 4774
L49-19
Lacaille 9352
Kruger 60
DM + 56 2966
DM + 19 5116
Epsilon Indi
DM + 43 4305
DM + 57 2735
L789-6
L24 52
DM – 15 6290
61 Cygni
L119-21
Fomalhaut
DM + 59 1915
Xiuning
Sigma Draconis
DM – 39 14192
DM + 15 4733
Ross 226
Delta Pavonis
DM – 32 17321
DM – 23 17699
Gamma Pavonis
Chi Draconis
DM + 61 2068
DM + 76 785
AC + 65 6955
DM – 21 6267
Serurier
DM – 54 9222
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L347-14
AC + 17 534-105
L355-62
DM – 5 5715
Wolf 1561
Altair
Wolf 922
L115-21
DM + 62 1916
DM – 51 13128
DM + 66 1281
Eta Cephei
DM – 47 13928
DM + 0 4810
DM – 53 8617
DM + 4 4048
DM – 51 12998
Vega
DM – 32 16135
DM – 31 17815
Wolf 1084
DM – 27 14659
AC + 44 871-589
DM – 28 694
Iota Horologii
L870-2
DM + 2 348
Ross 555
DM – 23 693
DM – 16 214
AC + 3 2259-31
DM – 47 502
DM – 2 129
Nu Phoenicis
DM + 41 219
DM – 23 332
DM – 31 325
DM – 42 249
DM + 39 154
DM + 20 85
Wolf 1056
DM – 25 225
DM + 40 45
L1154-29
DM + 28 4704
85 Pegasi
Ross 249
DM – 22 6219
AC + 32 86422
Iota Piscium
Wolf 1039
DM – 17 6768
G29-38
L935-50
DM – 26 16501
DM + 19 5036
AC + 16 734-144
Iota Pegasi
DM – 1 4323
AC + 17 536-125
AC + 39 60670
L715-89
DM – 5 5674

Chinese Arm


59 2351
DM + 71 482
AC + 70 4337
AC + 70 4336
DM + 53 1320
Augereau
DM + 74 456
Neubayern
Sirius
DM + 80 238
Alpha Mensae
Kapetyn's Star
AC + 82 1111
L97-12
Nyotekundu
Bessieres
DM + 66 717
L145-141
Ross 128
Wolf 424
Queen Alice's Star
AC + 66 3955
AC + 79 3888
L68-28
Alpha Centauri
Proxima Centauri
Sol
AC + 58 25001
Epsilon Eridani
AC + 79 1584
Qingyuan
Tau Ceti
Beta Hydri
Groombridge 34
Eta Cassiopei
DM + 68 946
Barnard's Star
Ross 248
DM + 59 1915
Sigma Draconis
Chi Draconis
Delta Pavonis
AC + 71 532
Zeta Tucanae
DM - 68 47
Rho Eridani
DM + 63 238
Haifeng
DM + 61 366
DM + 63 229
Wolf 47
Mu Cassiopei
DM + 61 195
Van Maanen's Star
DM + 66 34
Hunjiang
DM + 74 1047
DM - 73 1672
DM + 56 2966
DM + 43 4305
DM - 15 6290
DM + 1 4774
DM + 44 4548
L362-81
DM + 19 5116
DM + 57 27
Fomalhaut
L119-21
DM + 15 4733
DM - 32 1
L24 52
Epsilon Indi
L49-19
Kruger 60
Lacaille 9352
L789-6
61 Cygni
Xiuming
Gamma Pavonis
DM - 39 14192
DM + 61 2068
AC + 65 6955
DM - 46 11540
Broward
DM + 67 935
Red Speck
DM - 26 12026
DM + 67 1014
70 Ophiuchi
1626
D'Artagnon
Davout
Serurier
DM + 76 785
AC + 70 8247
L347-14
Altair
DM - 45 13677
DM - 36 13940
DM + 13 2901
Gamma Serpenti
DM + 16 2708
AC - 12 2306-155
Ross 845
Wolf 534
DM + 19 2881
DM + 16 2658
DM + 24 2733
L480-69
Ross 508
AC + 18 1890-112
DM + 24 2733 B
DM + 24 2786
DM + 25 2874
DM - 23 11940
Ross 802
Lambda Serpenti
DM - 37 10500
L768-119
DM - 57 6303
AC + 54 1646-56
LP101-15
Zeta Herculis
Botany Bay
AC + 61 26806
DM - 51 10924
King
DM - 48 118
L1346-53
DM + 39 2947
Mu Arae
AC + 41 726-154
Ross 863
DM + 25 3173
Ross 868
DM + 5 3409
DM - 1 3220
Ross 867
DM + 41 2695
DM - 4 4225
DM - 39 10940
DM + 32 2896
DM - 24 12677
L989-20
DM - 21 4352
DM + 3 3465
DM - 6 4

NEAR STAR MAP

AC + 32 54804
Herculis
DM – 3 4233
DM – 58 7076
AC + 20 1463-148
DM – 48 12818
bourne
DM + 52 2294
Ross 165
337
DM + 38 3095
DM + 45 2743
DM + 51 2402
AC – 7 342-402
DM – 46 12902
AC + 2 2155-242
DM – 43 12343
L489-58
DM + 45 2688
AC + 8 142-393
BPM 94172
DM + 5 3993
DM + 25 3719
AC + 16 247-80
DM + 4 4157
663
DM + 15 3364
DM – 1 3474
DM – 18 4986
DM – 21 5081
DM + 18 3606
Wolf 1466
AC + 3 2528-176
L1064-75
AC + 20 76187
Wolf 918
G24-16
Psi Capricorni
AC + 39 57322
DM – 28 16676
DM – 23 15935
Ross 188
L997-21
DM + 31 3767
AC + 24 747-102
DM – 24 16193
DM – 24 15668
DM + 2 4076
AC + 13 1185-145
Beta Aquilae
DM + 7 4052
L850-62
Delta Aquilae
L714-88
DM + 27 4120
AC + 22 308-605
Wolf 906
L856-54
DM – 14 5936
DM – 19 5899
Ross 193

SCALE

one ly (light year) = 5 mm

one ly

one parsec

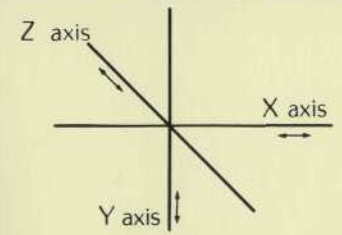
MORE INFORMATION

Additional data for each star is provided in the accompanying Near Star List. Information provided includes spectral type, size, magnitude, XYZ coordinates, and distance from earth.

STELLAR SPECTRAL TYPES

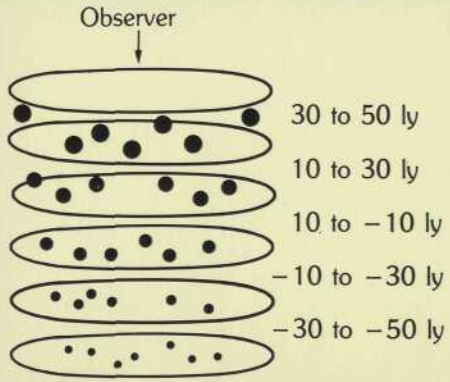
Type	Color	Temperature °K
A	Blue	7500° to 11,000°
F	White	6000° to 7500°
G	Yellow	5000° to 6000°
K	Orange	3500° to 5000°
M	Red	less than 3500°

XYZ AXES



On this map, the X axis extends left-right, the Y axis extends up-down, and Z axis extends in-out (of the map sheet.)

SENSING THE Z AXIS



Z AXIS DISTANCE

- 30 to 50 ly
- 10 to 30 ly
- –10 to 10 ly
- –30 to –20 ly
- –50 to –30 ly

Z axis distance is the value above or below the map plane. Symbols represent perspective distance, not stellar size.

CC-1000/M1