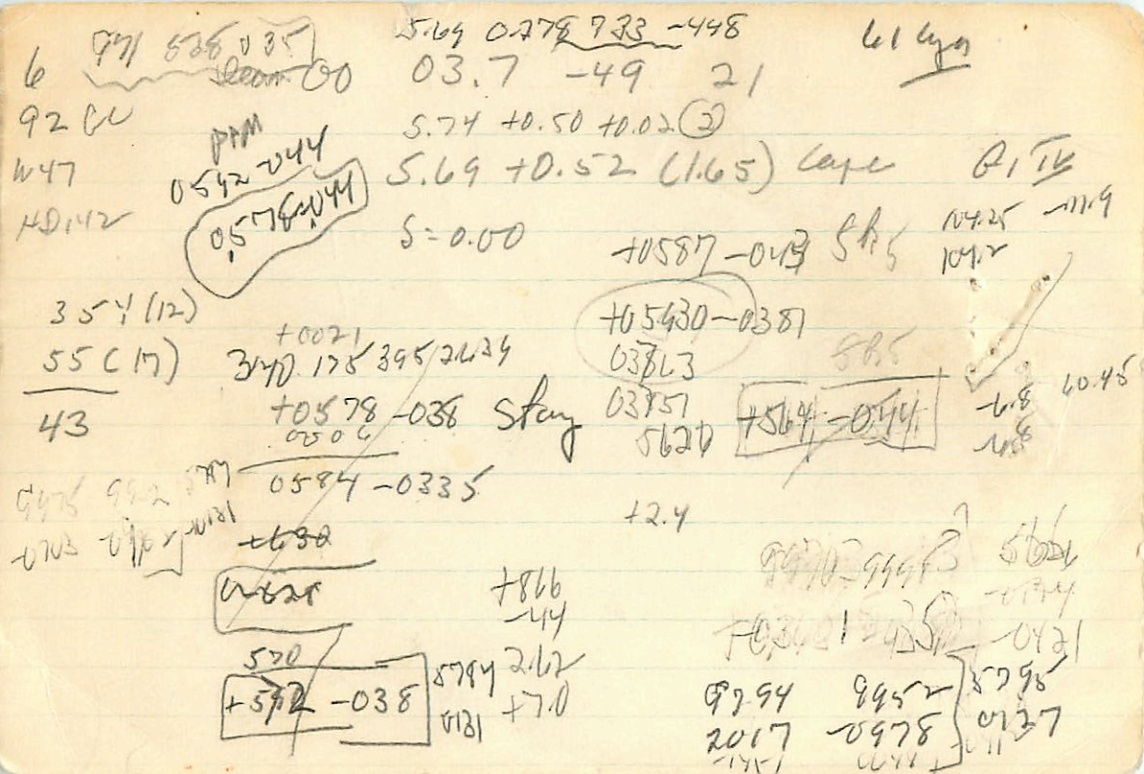


44004 10.3 40523 -037

[illegible] 10591-049 11.08 5.8

44.789 10579-043 [illegible]

10542-041 5.44

45.349 64.84 12.09

-29 -21

312 12[illegible]

43512 38.26 10.85

-69 +3

443 10.82

44470 5587 11.17

59 -31

411 11.48

PM. R.A. : -44.040
PM. DEC. : 2.529
DISTANCE : 32
MODULUS : 7.000
RAD. VEL. :

q1 (U) : 0.372
q2 (U) : -0.316
q3 (U) : 2529.151
U : 73.089

-0.457

6.17 +0.34 (1.54.)

H0203 0 04.3 -23 23 77 23

-2.45

53

GC95

~~+099 -039~~

~~5.0~~ 4.1 dA7m

+099 -039 GC

+096 -044 N

+101 -040 E

+097 -041

+0070^{36} -044^{39} N30

+0075±4.1 -036±3.6

F1 ±

Cage +7.3

+2.4

0 1 397 918 +097 -041 -2.4 -016 -1 -180

0 0 097 -016 076 460 -2.1 -2 0 01

+6 +46 -19

+32 -31 -21

02

+2 +23 -10

+15 -17 -11

-10 a 2L

1606419 0 04.6 -16 08 8.2 dT-5

1+0233

W 55 0046 -031 0.1 +0042 -048 W (merid)
0706 -16.1 .060
072-035 +25 +.061 -030 Y → GL
-35
7.55 +061 -040
<10 +7 -2
+068 -042

28.53 41.55
84.54 -04
-16 59

70.80
34184 41.84

```
 0.1000
-16.1000
 75.0000
-35.0000
 4.5500
      81
-10.0000

 0.871
 0.489
-0.048
216.191
 18.051

-0.463
 0.849
 0.255
-2.971
-26.856

-0.166
 0.200
-0.866
 9.728
 2.358
```

21.8 CV 0458 −25 38 +14.9

21.8 704 BMC 001 1=5

0157 −134 Lindsay

0212 −134

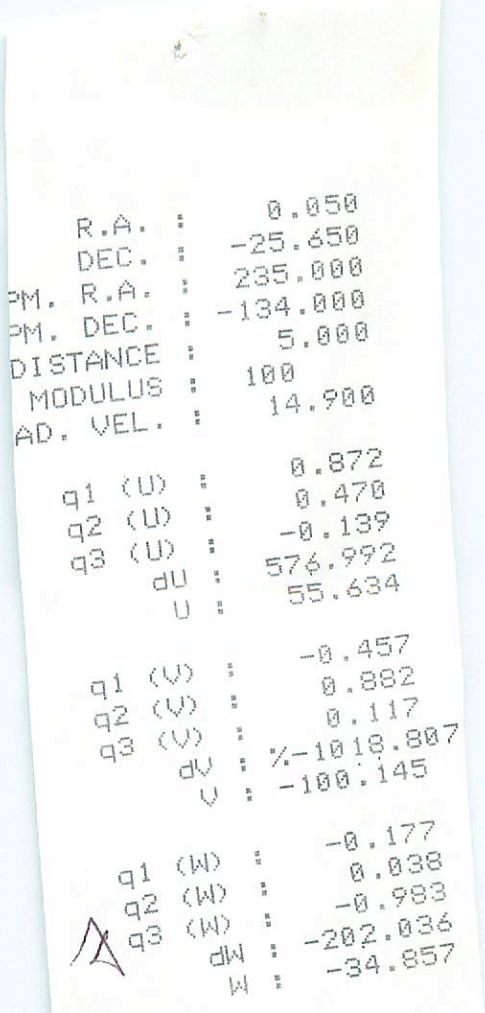
235
−134
500
44.9

1.50 -300

+55° 1823 16 16.0 +55 25 10.2 dMIe

9386

+113 -462 -AC Up.


R.A. : 0.050
DEC. : -25.650
PM. R.A. : 235.000
PM. DEC. : -134.000
DISTANCE : 5.000
MODULUS : 100
RAD. VEL. : 14.900
q1 (U) : 0.872
q2 (U) : 0.470
q3 (U) : -0.139
dU : 576.992
U : 55.634
q1 (V) : -0.457
q2 (V) : 0.882
q3 (V) : 0.117
dV : %-1018.807
V : -100.145
q1 (W) : -0.177
q2 (W) : 0.038
q3 (W) : -0.983
dW : -202.036
W : -34.857

.225 +0252 ±7.8 +015 ±7.3
+0238 +003

276 00 04.8 -77 01 K5 IV-V +28.3 ±1.4
0248 009
104 7.54 +0.41 +1.56 (5)C3

46.183 1858.4 -77 0 82.40 1895.3
-1.300 -82
44.883 33.22

÷10 -45 1947.9
46.06 33.05
-1.77 17

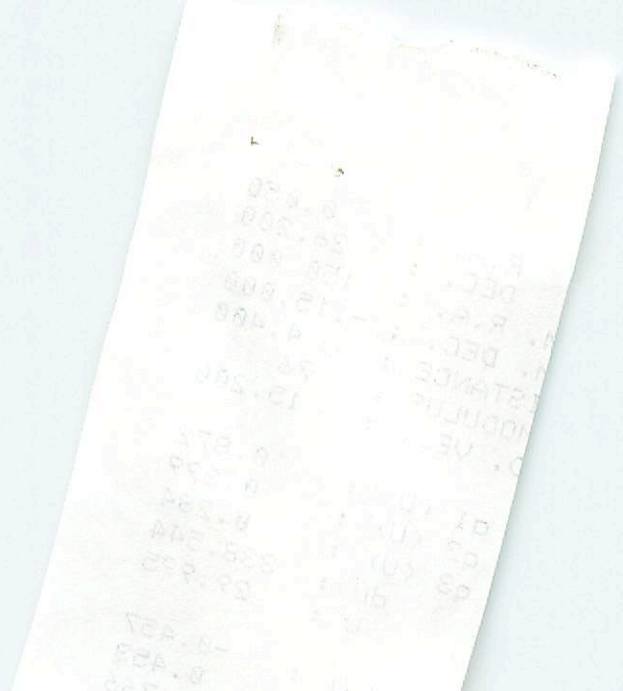
HD294 00 04.8 +26 18 KITT SS +15.500
+25°5073 +1590
W56 7.38 +0.995 +0.75 a 20" 15-

Cumulus

01 00 135 11K

+0.179 -210# Y Acc

150
715
44
+15



```
R.A.  :     0.050
DEC.  :    26.200
1. R.A.  :  150.000
1. DEC.  : -115.000
ISTANCE  :   4.400
MODULUS  :    76
O. VEL.  :  15.200

q1 (U)  :    0.872
q2 (U)  :    0.399
q3 (U)  :    0.284
   dU   :  338.544
    U   :   29.995

         :   -0.457
(U)      :    0.453
```

+1569 (2)

249 0 04.8 +26 11 7.3 NO

56

NIV ~~+1268~~

+15.5-6 0

60 50

+0990

7.3 8 +995 +72

"+121 -103 Y

2

+119 +1 -102 → N30

264 481 8 45 24.4 0 42 13 1 47 46 57 10 5

47.207

-1

206

10 28.79 192789

-4

28.75

100 NS

+4912	-1919		
-2600	-2214		
-0953	-3849		

+471	+397	+259
-461	+454	+760
-109	+796	-587

2995	+29.9	+4.5	+34.4
-4814	-48.1	+11.7	-36.4
-4802	-48.0	-9.0	-57.0

+15

285 @ 5.0 24 06 -4600 ③

-24.8

10235 1093 Cambridge

0322-0093

321 17 36

+5°3109

-12.3

783

-24.8 OB 050 -14 06 -46.0

0235 +093 Cardiology

322 +093

353
93
3.3
- 46.0

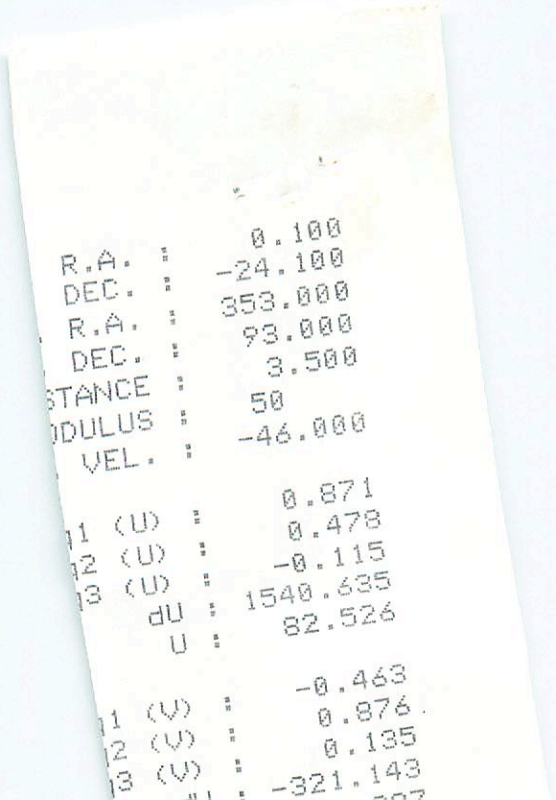
733

8

+16°

9.13 ± 1.04

+103-214



R.A. : 0.100
DEC. : -24.100
R.A. : 353.000
DEC. : 93.000
STANCE : 3.500
ODULUS : 50
VEL. : -46.000

11 (U) : 0.871
12 (U) : 0.478
13 (U) : -0.115
dU : 1540.635
U : 82.526

11 (V) : -0.463
12 (V) : 0.876
13 (V) : 0.135
-321.143

240
T84.3

0 050 t84 y2 -20 (6)

-024 -022 Courtney

-023 -027

-43
-22
310
-200

R.A.	:	0.100
DEC.	:	39.850
R.A.	:	-43.000
DEC.	:	-22.000
TANCE	:	3.000
OULUS	:	40
VEL.	:	-30.000
1 (U)	:	0.871
2 (U)	:	0.314
3 (U)	:	0.379
dU	:	-168.956
U	:	-18.090
1 (V)	:	-0.463
2 (V)	:	0.264
3 (V)	:	0.846
dV	:	44.977
V	:	-23.596
1 (W)	:	-0.166
2 (W)	:	0.912
3 (W)	:	-0.375
dW	:	-69.213
W	:	8.487

298

+36.1

CV 05.1 +06 +4 F=5

-5 (2)

+0013 ~021

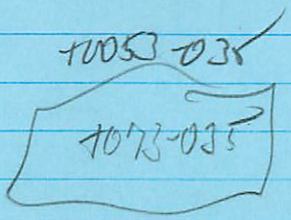
016-024

20
21
5.0
-6

R.A. : 0.100
DEC. : 36.900
R.A. : 20.000
DEC. : 21.000
TANCE : 5.000
DULUS : 100
-8.000

12
314

W 057 -22 47 -86



80
-35
-12

```
  R.A.  :     0.100
  DEC.  :   -22.800
. R.A.  :    80.000
. DEC.  :   -35.000
STANCE  :     5.000
ODULUS  :   100
. VEL.  :   -12.000

q1 (U)  :     0.871
q2 (U)  :     0.481
q3 (U)  :    -0.105
     dU :   224.648
      U :    23.720

q1 (V)  :    -0.463
q2 (V)  :     0.873
q3 (V)  :     0.155
     dV : -306.664
      V :   -32.522

q1 (W)  :    -0.166
q2 (W)  :     0.086
q3 (W)  :    -0.982
     dW :   -72.197
      W :     4.569
```

245 0 05.4 +86 31

+85°41'2

Y10

8.37 +0.65 -0.07 R G2V S = .26

+0.334 -0.007 GC

+102 -132 -61 .010

+32 -96 -48 .020

+10 -86 -43 .030

0 05 15.415 +86 30 35.3 1929.9 AGK3

05 23.061 1892.4 30 34.85 1894.8 GC

-21.04 -37

02.00 35 23

-79.86 m(3)

6G(T)

330(4) 11Ty

0 1 998 061 +334-007-80 -007-80 0

0 0 334-007 033 1.582 -4.9 -0.20 0 036

-1 44 -80

245 0 05.4 +86 31 -79.5 w(3)

58

BC11F

S=.26

8.37 +0.65 -0.07 G2E 1

8.44 +0.60 -0.03

+334 -0.007 GC

+102 -132 -61 .01

+32 -96 -48 .02

+10 -86 -43 .03

+871 -056 +488	+1.3687 +0011	+1.3698	+362	-38.9	GG (8)	-2.7
-461 -436 +772	-0.7101 +0083	-0.7318	-193	-61.6	330(4)	-80.9
-169 +898 +406	-0.2655 -0171	-0.2826	-7.5	-32.4	11±9	-40

221
110
831

3623
.061
3623
2 7 4 3 8
.022 1003

033

+365-6 ±3.2 -007 ± 4.2
+3590 -001

0 s- 23.061 1892.4 +86 30 34.85 1894.8
- 21.059 .39
2.002 35.26

+3623 -004

45.5

23.14
-01
23.13

3849
19.25
17 248

48.2

15.45
-70
14 75
25
15.3 70

35.32 1951.33
-15
35.171

8123
40.6

35.3 1929.9
-04
35.27
35.21
-05

+20.4 90 50 450 00 ARIA

-028 5.5 1.5 5200

188 6.47 94.8 44.10 5 94.8

27.545

-056 -024

0.1
-9.18
-55
-32
8.0
+20.4

MF 8268 - 9268 9270 - 9555

9190
8010
2.53
0147
3.53

1.194 88) 180


0.100
3.150
-55.000
-32.000
5.000
100
20.400
0.671
0.492
0.012
-298.681
-29.629

377 0 05.9 +6 20 8.0 dG2 -3.98

63

+502

7.65 +61 +0C

0.1
Ha33
+98
+8
3.7
13.0

0 5 51.35-0
0.0
360

bc

new Toulon (bc)

+081 ooo yds
+090 +012
+093
dg (+005

6 20 18.74
-02
.72

1937.26 Yds

14

```
 0.100
 6.330
95.000
 8.000
 3.200
    44
-3.900

 0.871
 0.471
 0.143
407.538
 17.234

-0.463
 0.687
 0.560
-181.203
-10.094

-0.166
 0.554
-0.816
-53.126
 0.864
```

370 0 06.0 +73 56 A0 +5.7 ± 0(5)

W64 7.2

GC180

+73°2 GL +0110 ±5.0 +032±3.9

+046±5 +032±4 GL

+053 +030 GA2

+048 +031

0 6 2.201 1401.6 +73 56 11.03 1401.6

−532 −1.55

1.669 9.50

0 1 961 227 +048 +031 +5.7 030 +5 041

0 0 048 030 -142 227 +1.6 +2 0 004

-34 +57 +15

+054 -31 +28

ಸಂಖ್ಯೆ

ದಿನಾಂಕ

ಪುಟ

ಸಮಯ

ಸಭೆ

ಸ್ಥಳ

ಹಾಜರಿ

ಅಧ್ಯಕ್ಷತೆ

ಕಾರ್ಯಸೂಚಿ

ಚರ್ಚೆ

ನಿರ್ಣಯ

ಕಾರ್ಯದರ್ಶಿ

R.A. : 0.188
DEC. : -22.450
R.A. : -19.699
DEC. : -7.089
DISTANCE : 8.859
COULOS : 589
VEL. : -9.598

1 (U) : 0.671
2 (U) : 0.481
3 (U) : -0.102
Ub : -65.538
U : -38.549

1 (V) : -0.452
2 (V) : 0.872
3 (V) : 0.160
Vb : -2.552
V : -1.589

1 (W) : -0.164
2 (W) : 0.972
3 (W) : -0.982
Wb : 6.671
W : -4.242

R.A.	:	0.100
DEC.	:	-22.450
R.A.	:	-13.000
DEC.	:	-7.000
TANCE	:	8.850
DULUS	:	589
VEL.	:	-0.500
1 (U)	:	0.871
2 (U)	:	0.481
3 (U)	:	-0.102
dU	:	-65.553
U	:	-38.549
1 (V)	:	-0.463
2 (V)	:	0.872
3 (V)	:	0.160
dV	:	-2.552
V	:	-1.583
(W)	:	-0.166
2 (W)	:	0.092
3 (W)	:	-0.982
dW	:	6.371
W	:	4.242

-0007 -011

GC141 0 6.3 -22 27

AD 437 -0033±8.7 +003±8.0

20.729 1858.5 27.29 18564
170 -16
.899 27.45

-004 -013

4.404 49.02 153384
16.512
20.916 28.02
-016 -03
.900 28.05
-14 +21 27.87
886 27.84 -42
875 1583.73
-024
20.872 28.21
-8 +30
844 27.91

+9.5

+1.49
+1.35

432 10181 o O6.5 +58 52 F2 IV

3394

HR21 +06787 −18061 = 1.4

β Cas 2.25V +0.34 +0.09 (2) 2.204 (5) C+

148 7.32

216 177 785 (15) SPC

174 439

+5284 −7.47

+5282 −181

0.7 +11.8a

[m,] 216 −1 0

[C,] 742 205 167 MV +10 +41.6 −10.0 −23.6

205 167 2016 −1131 −1252

20

220 ×4

m − m = 1.25

bm +2.035

10181

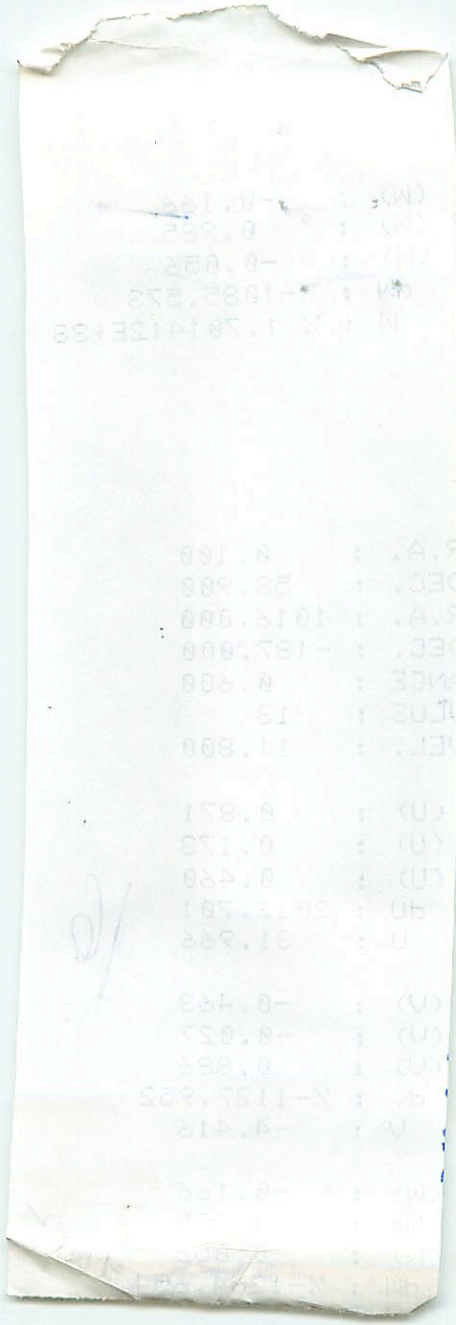
518

81448

10181

50905

5273 5-8



```
(W). :   -0.166
(W) :    0.985
(W) :   -0.056
dW : %-1085.573
 W : % 1.701412E+38
```

```
R.A. :     0.100
DEC. :    58.900
R.A. : 1016.000
DEC. : -187.000
ANCE :     0.600
ILUS :    13
VEL. :    11.800
```

```
(U) :     0.871
(U) :     0.173
(U) :     0.460
 dU : 2012.701
  U :    31.966
```

16

```
(V) :    -0.463
(V) :    -0.027
(V) :     0.886
 dV : %-1127.952
  V :    -4.416
```

```
(W) :    -0.166
(W) :     0.985
(W) :    -0.056
 dW : %-1284.654
```

B Cas 432 147 69 ⊙ 6.5 +58 52 F2IV +11.5 a

21 2.25 +0.35 +0.09 5M

432 69

+676 80 −178 74 N30

+672 ± 0.8 −178 ± 0.8 60 7N30

+524 −178 FK3

+527 −178 GC

+525 −178 N30

+525 −178

228 18Y 1.1M

+3Y −5 −17 .022

+16784 −1866 FK6

+526 6

+525 −187 +11.5

0.45

1021

1016

187

0.20

+168

3

0 1 855 518 +525 -178 +116 -152 +10 -43.6

0 0 525 -152 720 2487 +6.1 +6 0 06

+18 +41 +3

+39 -7 -22

05

+15 +31 +4

+30 -6 -16

076

+16 +33 +4

+33 -3 -17

0.100
58.900
1021.000
-181.000
0.950
15
11.800

0.871
0.173
0.460
2028.276
36.847

-0.463
-0.027
0.886
-1134.390
-7.116

-0.166
0.985
-0.056
-1258.680
-20.161

17

443 O 06.6 +64 48 d69 +228

GC152 7.04 +0.92 +0.64 +8.2 W(3)
+5 V(1)

W71
Y17
+64°3

0287 141
0217 042

W(45.0)

0135
139038

?

+276 +049 GC
+132 +010 GAZ
+135 +039 N30
+134 +040

9976 9929 1425
0192 1190 0212
1474

22 M(5)
366(8)

22±9

0 1 905 426 +134 +040 +7.2 036 +7 081

0 0 134 036 −171 635 +3.1 +3 0

+0732 ÷13 +042 +044 ≠100 −1 +16 +9 04

+18 0 +2

37.822 − 1.633 = 36.189

12.2 +0220 +0214 0217 +001

32.40 10.7 +42 = 304

36.924 → 923

45.55

31.95 → 32

37.429 + 15 = 444

10.11

32.54 − 5 = 3284

KSol

493 0 06.8 -28 16 57.5 Fl n +9.0 6

72

GC155 6.0 6.2 } 11.2 GL +0049±4.8 -001±4.3

AOS III NW +0050 -002

0 6 48.195 1897.3 -28 15 57.90 1892.3

-258 +06

47.937 57.84

6 48.183 57-8.09 1939.78 Capt

-024 +22

.159 57.87 36.5

39.2

5 31.781 .134

1 16.385 .16 +.197

6 48 -043 .12

-014

.109

23 79.06 1933.08

-9 20.98 43.8

15 58.08 -06 57-7.91

58.14 +21 57.93 .07

+0502
W76
+18°4

00 06.9 +19.17 7.8 68.10 Lich
+2C.2L

+009-048 AGN3

+0.018 -0.058 & +6L
+2

+021 -066
-3 +8
+015 -056
+020 -053
+014 -0505
+015 -055

0.1
+19.3
16
-55
1.45
+2


0.100
19.300
16.000
-55.000
1.450
19
2.000
0.871
0.427

+0182±80 +023±8.3
+0177 +022 G5V

489 0 06.9 +18 50 7.8 dG3 -24°

157 7.94 +64 +18 2L

74 52.586 1904.0 +18 50 13.55 A0A2

-837 +80 +0225 -1.05

51,749 3 +0183 +0255 12.53

52.312 259 13.07 1935.8

513 260 +021 10

52.395 716 13.17

5 358 13.22 1939.9

403 +609 34.4 16

13.38 16.7

13.28 38.4

+75 34.2

0.1
+188
+275
+21
3.55
-24

0.100
18.800
275.000
21.000
3.550
51
-24.000

0.871
0.429
0.241
1117.098
51.511

-0.463
0.550

545 0 07.4 −02 50 7.2 gm2 +18.0

78 GL +0001 ±2.6 −010 ±2.4

GC161 +0001 −013

6.85 Vm +1.61 +1.98

0	7	21.348 −005 343	1895.1	−2	50	21.29 +61 20.68	GL 1888.6 Cape
	6	4.5-86			5-8	42.46	1533.09
	1	16.773			8	20.62	
	7	21.363 +002			50	21.51 −06	
		21365 −014				21.58 35	5.67 2 83
		21.351				21.23	
	7	21.356 −012 344				21.44 +30 21.34	

.348 .005 0001

21.28 − .60

571 00 07.7 +45 49

2nd

5.03 200 281 1452 56 699 223 +57 (46) 226 (229) (230)

0877+0003 273 123 5052 2624 (7) 819 (209) 1027

545 0 07.4 −02 50 7.2 gm2 +18.06

78 GL +0001 ±2.6 −010 ±2.4

GC161 +0001 −013

6.85 Vm +1.61 +1.98

0	7	21.348 −005 343	1895.1	−2	50	21.29 +41 20.68	1888.6 GL Cage
	6	4.5-86			5-6	42.46	1533.09
	1	16.775 −363			8	20.95	
	7	21.363 +007 365			50	21.51 −06 21.35	5.67 2.63
		21.365 −014 21.351	.348 .005			31 21.23	
	7	21.356 −012 .344				21.64 +30 21.34	1938.76 35.9 (47.3)
					21.28 − .60		

```
                                                    0.  100
                                                   10.  000
                                                  275.  000
                                                  211.  000
                                                    3.  550
                                                        51
                                                -  24.  000
                                                        51

                                                    0.  871
                                                    0.  429
                                                    0.  241
                                                 11 17.  098
                                                   51.  511

                                                -   0.  463
                                                    0.  550
                                                    0.  695
                                                -  16.  686
                                                -  43.  181

                                                -   0.  166
                                                    0.  717
                                                    0.  677
                                                -   0.  804
                                                    0.  436
```