φ Peg

223768 23 49.9 +18 51 5.2 gM3 −2.8 a

33119
14939

−0008 98 −030 92 N30

−0006 ± 13 −033 ± 1.3 a 2N30

4036

−0037 −0363 PR1

−0052 −0363

−5.5
−363
6.

−5.8 1 P
−2.5

R.A.	:	23.800
DEC.	:	18.850
PM. R.A.	:	-5.500
PM. DEC.	:	-36.300
DISTANCE	:	6.000
MODULUS	:	158
RAD. VEL.	:	-7.500
q1 (U)	:	0.875
q2 (U)	:	0.451
q3 (U)	:	0.176
dU	:	-99.147
U	:	-17.036
q1 (V)	:	-0.424
q2 (V)	:	0.538
q3 (V)	:	0.729
dV	:	-82.121
V	:	-18.479
q1 (W)	:	-0.234
q2 (W)	:	0.71?
q3 (W)	:	-0.66?
dW	:	-116.79?
W	:	-13.54?

9055 2.3 541 +22 17 +0.8 f

f105

-0162 -0053 +~~874~~

-0225 -0053 -24.3
-5.3
7.7
+0.8

R.A.	:	23.900
DEC.	:	22.300
PM. R.A.	:	-24.300
PM. DEC.	:	-5.300
DISTANCE	:	7.700
MODULUS	:	347
RAD. VEL.	:	0.800
q1 (U)	:	0.874
q2 (U)	:	0.431
q3 (U)	:	0.224
dU	:	-103.981
U	:	-35.875
q1 (V)	:	-0.437
q2 (V)	:	0.498
q3 (V)	:	0.749
dV	:	34.102
V	:	12.424
q1 (W)	:	-0.211
q2 (W)	:	0.753
q3 (W)	:	-0.623
dW	:	3.571
W	:	0.740

355
335

45-45 42-45 Com 048 134 1892 (X)
1.410 1.210

9064 22 56.2 +24 52 M3 III

224427
33208

4.64 +1.59 +1.67 J 3.58 +1.02 J (2)
4.65 +1.60 +1.69 6E

3.20
1.34
.86
4.25
6.10

-1.45

-0035-0332 = 1.5 -4.2a

-0335-0332

-0364
-0332
6.45
-5.7

356 +1.015
3.18
1.27
3.33
1.85
4.25
6.10

$M_V = -1.3$ Com

9963 -6.172 0468
1973 -3.868 0059

R.A.	:	23.900
DEC.	:	24.900
PM. R.A.	:	-36.900
PM. DEC.	:	-33.200
DISTANCE	:	6.450
MODULUS	:	195
AD. VEL.	:	-5.200
q1 (U)	:	0.874
q2 (U)	:	0.420
q3 (U)	:	0.244
dU	:	-204.789
U	:	-41.197
q1 (V)	:	-0.437
q2 (V)	:	0.463
q3 (V)	:	0.771
dV	:	-3.491
V	:	-4.690
q1 (W)	:	-0.211
q2 (W)	:	0.781
q3 (W)	:	-0.588
dW	:	-89.348
W	:	-14.362

630
-385
-416
-132

9082 23 587 −50 37 +20

−0003 ±6.3 +014 ±43

46.24 10.9 +0011 57.54 5.6
12 +0004 12
241 0 587

0 +13

46.847 7010 65.70 +009 6.3
39 57.42 +009 9
347 22 +013 16.4
310 5764 +23

46.38 39.46 5774 0000 +010
14 11 +00065 +0136
241 5784 0028 +0131
+0027

46307 56.07 37.34 +004 +004
25 26
232 3754

.A.	:	0.000
EC.	:	-50.600
.A.	:	6.300
EC.	:	9.000
NCE	:	6.900
LUS	:	240
EL.	:	2.300
(U)	:	0.873
(U)	:	0.359
(U)	:	-0.331
dU	:	31.844
U	:	6.877
(V)	:	-0.450
(V)	:	0.853
(V)	:	-0.263
dV	:	27.869
V	:	6.081
(W)	:	-0.188
(W)	:	-0.378
(W)	:	-0.906
dW	:	-19.710
W	:	-6.813

(x) 1416 P28 1416 1844 M3 (I)

9089 23 59.4 -6 18 M3 (II)

224535

33380

4.41 +1.63 +1.84 J

4.3V +1.60 +1.80 SE

4

327 +1.08 mm+

323 +1.095 J (3)

3.08 +1.105 = (3)

3.16 +1.10

278

144

134 —

44

5.74

+0711 PNS

-11.9 P

-11.8 a

-0360

-0860

+0510-0411

51.3

-41.1

4.15

-11.9

+050

+052-041

+051-040

R.A.	:	0.000
DEC.	:	-6.300
PM. R.A.	:	51.300
PM. DEC.	:	-41.100
DISTANCE	:	6.150
MODULUS	:	170
RAD. VEL.	:	-11.900

q1 (U)	:	0.873
q2 (U)	:	0.488
q3 (U)	:	0.014
dU	:	115.877
U	:	19.518

q1 (V)	:	-0.450
q2 (V)	:	0.794
q3 (V)	:	0.408
dV	:	-263.558
V	:	-49.614

q1 (W)	:	-0.188
q2 (W)	:	0.362
q3 (W)	:	-0.913
dW	:	-116.095
W	:	-8.853

2.25136 0 01.3 +66 26 6.6 gm4 +15.16

11

GC 24 +0024 -010 4h5 GC +0035 ± 5.1 -004 ± 4.0

+014 -010 Nw +0011 -016

0 1 16.190 -175 16.012 1899.0 +66 26 2.36 +21 2.57 1856.4

363

10

75

1 16.037 +025 .062 26 1.87 -09 1.78 1944.65

+15.1

```
  R.A.  :     0.000
  DEC.  :    66.450
. R.A.  :    36.300
. DEC.  :   -10.000
STANCE  :     7.500
ODULUS  :   316
. VEL.  :    15.100

q1 (U)  :     0.873
q2 (U)  :     0.132
q3 (U)  :     0.470
    dU  :    53.753
     U  :    24.096

q1 (V)  :    -0.450
q2 (V)  :    -0.154
q3 (V)  :     0.879
    dV  :   -23.651
     V  :     5.801

q1 (W)  :    -0.188
q2 (W)  :     0.979
q3 (W)  :     0.075
    dW  :   -59.365
     W  :   -17.637
```

-0385 -0085

-037 -13

9047 28 52.2 -01 10 -2.4

→ -0257 -0085

-00263 -0081 ≠ 70 9.5 -0027 -017

8 +11

-00271 -007 173 431 1.385 -040 -017

+15 -008 393

-00256 179

-038 -4 214 7.25

+2 -012

p.u -036

+14 -

-40.5

-7

-47

-2.4 B

372

168

204

45

699

R.A.	:	23.850
DEC.	:	-0.150
PM. R.A.	:	-40.500
PM. DEC.	:	-17.000
DISTANCE	:	7.700
MODULUS	:	347
RAD. VEL.	:	-2.400
q1 (U)	:	0.875
q2 (U)	:	0.484
q3 (U)	:	0.031
dU	:	-206.889
U	:	-71.812
q1 (V)	:	-0.431
q2 (V)	:	0.746
q3 (V)	:	0.508
dV	:	22.565
V	:	6.605
q1 (W)	:	-0.222
q2 (W)	:	0.458
q3 (W)	:	-0.861
dW	:	5.773
W	:	4.067

$-8^{0}3 \quad 00 \quad 054 \quad -7\ 49$

324

$-016 \quad +020$

$-6 \quad +3$

$-016 \quad +023$

$+1$

$+024$

$-014 \quad +020$

0.1

-78

-14

$+20$

43

-22

```
  0.100
 -7.800
-14.000
 20.000
  4.300
     72
-22.000

  0.871
  0.491
  0.023
-10.675
 -1.287

 -0.463
  0.803
  0.375
106.566
 -0.536

 -0.166
  0.338
 -0.927
 42.889
 23.493
```

~~HP10~~
1686

-77°10

OD 18.2 -77 30 PE

Flt Mnvr
+29

-038 +025 Yaw →
-042 +029 Cape
~~-042~~ +029

-040 +027
-040 +023

0.3
-23
-185
+23
3.63
+29

```
    0.300
  -77.500
 -185.000
   23.000
    3.650
       53   [illegible]
    2.900

    0.865
    0.237
   -0.443
 -138.332
   -8.713   -7

   -0.488
    0.606
   -0.628
  158.638
    6.697   +5

   -0.120
   -0.759
   -0.640   -4
  -60.049
   -5.080
```

536 00 07.2 -37 36 ±5°

±1.4

12 m 0.5

-0046 -022

-055

-057 -026

0.1
-37.6
-7.2
-2.6
5.35
±1.4

```
  0.100
-37.600
-72.000
-26.000
  5.350
    117
  1.400

  0.871
  0.438
 -0.224
-289.400
 -34.315

 -0.463
  0.883
 -0.073
 16.360
  1.819

 -0.166
 -0.168
 -0.972
 65.430
  6.327
```

615 0 7.5 +14 -7 -4.6 -4.2 L(3)

+14.8

WT6

8.2

-075 -081 Y

-2 +2

0 +2

-077 -087

-0060 -061

-067 -076

-070 -072

-078 -080

0.1

+18

-70

-76

4.45

-4

0 1 25 8 966 -075 -091 -4 -023 -1 -417

0 0 -075 -023 109 -35-5 -4 -4 0

+4 -24 -29 015

-35 -10 -13

02

+1 -18 -22

-24 -9 -5

```
 0.100
15.000
-70.000
-76.000
 4.450
    78
-4.000

 0.871
 0.444
 0.212
-438.938
-34.920

-0.463
 0.595
 0.657
-65.850
-7.740

-0.166
 0.670
-0.723
-188.383
-11.730
```

1736 00 191 -16 29 -5
-1704

-0014±5.5 -002±5.9
3.599 98.9 -0027 +006 5.08 989
072 -0020 +004 +10
.671 4.98

-029
-027 ow

3.588 0.3 4.57 33.18
-12 -16.5 -.21
.574 -28 4.78
0
5.4
-5

```
  0.300
-16.500
-28.000
  0.000
  5.400
    120
 -5.000

  0.865
  0.502
 -0.008
-110.051
 -13.193

 -0.488
  0.843
  0.226
 62.051
  6.332

 -0.120
  0.191
 -0.974
 15.236
  6.703
```

2068

-2403

00 22.5 -23 44 +2.2

-024 -037

-5 +7

-029 -037

-033 -037 ✓

-071 -042

0.4

23.75

-23

-42

5.1

+2.2

```
  0.400
-23.750
-23.000
-42.000
  5.100
    105
  2.200

  0.861
  0.506
 -0.050
-186.682
 -19.659

 -0.499
  0.860
  0.106
-121.364
 -12.476

 -0.097
  0.066
 -0.993
 -3.452
 -2.546
```

3548
-809

or 383 -50 56
+081 +022

GOTO Mich
GOE

075 026
077 022

+069 +030 Take
~~+071 +026~~

0.66
-80
~~+749~~ 487
~~+24~~ 22
316
~~+58~~ 18
-59.5

+069 +030
+081 +022

```
    -0.660
   -80.900
   487.000
    22.000
     3.600
       524
   -59.500

     0.848
     0.290
    -0.443
   339.906
    44.214

    -0.528
     0.521
    -0.671
  -138.607
    32.632

    -0.036
    -0.803
    -0.595
   -97.042
    30.292
```

42.70 OD 42.7 +14 54

+14 103

vanes
P3 IV

-003 -019 Y

~~-3~~ ~~+1~~
~~-006~~ ~~-018~~

-5 +1 AG104
-3 -15

-4 -7
-2 -11

0.7
+14
-2
-11
55
-14

```
-0.7700
14.900
-2.000
-11.000
5.550
129
-14.000

0.846
0.409
0.342
-29.098
-8.532

-0.533
0.616
0.580
-27.243
-11.634

-0.027
0.673
-0.739
-34.837
5.861
```

4841 00 48.2 -23 57 605 +25.2

-24°538

+064 -083 4

-5 +7

+59 -076

+060

+062 -080

0.8

-2395

+68

-80

4.25

+25.2

```
  0.300
-23.950
 68.000
-80.000
  4.250
     71
 25.200

  0.840
  0.542
  0.029
 41.777
  3.699

 -0.543
  0.838
  0.053
-477.749
 -32.496

 -0.004
  0.060
 -0.998
-23.963
-26.851
```

5453 0 53.7 -07 51 sq FL +L L(2)
-80164
W525 8.0 FLTE MAP

+24 -49 -14 .015
+20 -35 -13 .02

0.9
-7.85
+149
-91
4.35
+6

+150±5 -093±5
-4 +3
+146 -090
+148-095 -091

```
  0.900
 -7.850
149.000
-91.000
  4.350
     74
  6.000

  0.833
  0.516
  0.200
360.350
 27.915

 -0.553
  0.789
  0.269
-727.042
 -52.284

  0.019
  0.335
 -0.942
-130.805
 -15.350
```

5892 ✓

+0142 ✓

00 57.9 +07 08 ✓

-2.9 6

Bgl

-0010 +030

FSV

-011 +024 ✓ ✓

-10 + 6

-021 +030

-H +023 A G104

-20 +031

-016 +027

-014 +023

0.95 ✓

+7.1

-14

+23

4.2

-2.9

```
  0.950
  7.100
-14.000
 23.000
  4.200
     69
 -2.900

  0.829
  0.445
  0.337
 -6.076
 -1.399

 -0.558
  0.694
  0.456
112.341
  6.450

  0.031
  0.566
 -0.824
 59.702
  6.519
```

6064 00 59.4 +2 16 FGT +10

+10.91

+119 +10 +113 +35 AC-100
−10 +10 +109 +20
+109 +020 +111 +29

+112-+29

+1°164°

1.0
+225
+113
+28
1.35
+1.0

1140
0220
+8.9
0120

```
  1.000
  2.250
112.000
 25.000
  4.350
     74
  1.000

  0.826
  0.472
  0.309
493.904
 36.923

 -0.563
  0.730
  0.388
-211.908
 -15.321

  0.043
  0.495
 -0.868
 81.210
  5.152
```

6424 / 02.5 +11 03 +9.0

+10 0123

+0001 -44 Tonkun -6 -40 ABBY +4 -44 4

+1 -35 -4 +4

+2 -42 0 -40

-3 -40

0 -44

1.0
+11
0
-44
44
+9.0

```
     1.000
    11.000
     0.000
   -44.000
     4.800
        91
     9.000

     0.826
     0.419
     0.378
   -87.430
    -4.576

    -0.563
     0.662
     0.495
  -138.137
    -8.145

     0.043
     0.621
    -0.783
  -129.506
   -18.855
```

6529
−1014

1037 −0032 −12th

+0027 +0522

+37 +224
−4 −4
+30 +18

+27 +16 AGIC4
+0285 +017
+030 +013

105
−0.5
130
+13
6.35
−1.0

```
 1.050
-0.500
30.000
13.000
 6.350
   186
-1.000

 0.822
 0.486
 0.297
146.813
 27.041

-0.567
 0.748
 0.345
-34.581
 -6.785

 0.054
 0.452
-0.890
35.586
 7.517
```

6 24

8188A 1 18.2 -48 56 Wayne PLE

B

30"

C622

1.3
-18.9
+15.4
TSR
4.8
+20.7

+20.7

+0100 +062
0486 1108
101 +058

7.20 317 144 506 2.632
239 443
336 262 402 +4.1
323 +23 41 +30.5

E_q=076

9974 9963 1123 U
0872 2496 0309

9.76 407 191 407 2.552
412 313 326
406 330 380 +6.1
+17

E=001

1.300
-48.900
154.000
58.000
4.500
79
20.700

0.800
0.585
-0.131
544.874
40.562

-0.589
0.726
-0.355
-82.982
-13.931

0.112
-0.361
-0.926
-45.527
-22.779

6 (w L)

H08262 1 15.6 +18 25⁻ dG2 +2.48

GC1648 6.56 +0.62 +0.09 G-3 Ξ

+170 197 S = 06 +541 -010 GC

Y251

W778

40 m (G)

+0384 -008

+0358 -0052

5491

550 -009

1.3

+18.4

+580

-9

1.75 +2.4

342 940 316 544 +541 -0.10 +2.48 -003 +1 -0.$\overline{44}$

-213 001 510 -003 -1.$\overline{000}$ 2.$\overline{430}$ +24 +2 +1 051

-2 42 0
-9 -21 0
16 -8

-2 51 0
-11 -27 0
20 -10

+4 +48 0
-18
+40 -30 +5

041

-23 +61 0
+44 -38 +10

1.300	
18.400	
580.000	
-9.000	
1.750	
22	430
2.400	
0.800	
0.347	
0.489	
2073.002	
47.582	Hot
-0.589	
0.607	
0.533	
-1562.368	
-33.698	Wet
0.112	
0.715	
-0.690	
261.775	
4.203	Hot

8262 / 19.6 +18 25⁻

GC1648 W(+4.5).032

Y 281

+17°197 6-96 +0.62 +0.09 R G3 M

S=.06

+54 -39 +8 .038 +541 -010 QC

+46 -34 +7 .045

+50 -36 +8 .042 ←

+60 -41 +8 .032

+2.46 WL(6)

40M(6) ±13

+0380 ±5.5 −010 ± 6.1
+0388 −006

19 34.348 1908.3 +18 25 16.91 1908.7

1.584 41
32.794 17.32

34.014 17.18 1939.93
6 19
022 17.37

12.84 7359 24.9 1925.5
20.51 33.680 (24.5) 2222
33.355 +886 17.12 6543
50 −522 32.7
405 16.60 (24.0)
−68 +37
337 16.97
143 17.17
−15

9380 | 20.5 -2, 4 F3 = (+16)

-220373

600-220477

+2 0
+1 +2
+3 +2
-0.5
(+5 -3)

1.33
21.7
+6
-3
5.75
+16

```
  1.330
-21.700
  6.000
 -3.000
  5.750
    141
 16.000

  0.798
  0.583
  0.156
 12.789
  4.309

 -0.591
  0.806
  0.012
-27.093
 -3.631

  0.119
  0.102
 -0.988
  1.689
-15.563
```

8865

-0°23

1 24.8 -00 12

F=I MP

+22.56

-2 -6

+1 -7

-1 -7

+3 -2 ABBAY

-1 -7

+1 -7.5

+003-009

1.4

-0.2

+3

-9

6.1

+22.9

```
  1.400
 -0.200
  3.000
 -9.000
  6.100
    166
 22.900

  0.791
  0.485
  0.374
 -9.439
  6.989

 -0.597
  0.746
  0.296
-40.298
  0.091

  0.135
  0.457
 -0.879
-17.581
-23.049
```

11170 1 47.3 +06 59 B/IV -14
mP

-9 -62 -15 -67 ABNY
-8 0 -17 -62
-17 -62 -16 -645
-14 -685

1025-038 Bgf

18
+7
-14
-18.5
47
-18

```
  1.800
  7.000
-14.000
-68.500
  4.650
     85
-14.000

  0.747
  0.424
  0.511
-187.006
 -23.077

 -0.625
  0.710
  0.324
-189.514
 -20.660

  0.226
  0.561
 -0.796
-197.169
 -5.637
```

+30 +11
+1 +13

1 3.5 −25 16 F4 V −13.6

0000 ±53 +023 ±7.1

48.000 006 −000 +027 11.36 335
0000 +025 −1.18
12.54

48.647 −0001 +0053 11.67 335
+1 −001 +V
648 +001 +021 11.59
018

1.6
−0525
+1
+21
5.45
−13.6

```
  1.600
-25.250
  1.000
 21.000
  5.950
    155
-13.600

  0.770
  0.615
  0.170
 64.506
  7.677

 -0.612
  0.787
 -0.076
 75.747
 12.768

  0.181
  0.045
 -0.982
  5.299
 14.182
```

1274

+18 335

1 480 +12 35 F-5 +17

+24 +16 4

+2 -2

+31 +14

+030 +0125

+032 +00085

18

-126

+33

+8.5

43

+17

```
  1.800
 -2.600
 33.000
  8.500
  4.300
     72
 17.000

  0.747
  0.504
  0.434
137.055
 17.298

 -0.625
  0.754
  0.201
-67.257
 -1.463

  0.226
  0.421
 -0.879
 52.273
-11.149
```

1158 | 50.5 -33 34 FTE +7.5

-33.65

-0.25

~~-0.025~~ -1.60 4C

-0.31

-028.5-1.64

1.8

-33.6

-34

-1.64

34

+7.5

1.800
-33.600
-34.000
-164.000
3.800
7.800

0.747
0.655
0.112
-609.511
-34.199

-0.625
0.750
-0.217
-499.128
-30.412

0.226
-0.092
-0.970
41.028
-5.203

12102 / 56.3 +6 2.6 F3V +1.6+

+5°269

AGRY +42 -29 +46 -16 ½
+39 -16 -7 0
+405 -225 +39 -16
+042 -26

1.6
+6.4
+42
-26
6.4
+1.6

```
 1.900
 6.400
42.000
-26.000
 6.400
   191
 1.900

 0.735
 0.428
 0.526
92.728
18.669

-0.631
 0.716
 0.300
-213.007
-40.018

 0.248
 0.552
-0.796
-18.921
-5.117
```

MP

12460 / 59.5 -12 04 PLV -8

-12°373

70 +37
+2 -2
-8 +35

-6 +33
-4 +30

20
-12.1
-4
+30
50
-8

```
  2.000
-12.100
 -4.000
 30.000
  5.000
    100
 -8.000

  0.722
  0.576
  0.382
 68.577
  3.801

 -0.636
  0.770
  0.041
121.334
 11.805

  0.271
  0.273
 -0.923
 33.765
 10.762
```

127 R

-2.3 ✓

2 025 +00 05

28.402
+4.810
45212
24
53
+2

3346

6.72
1235
5163
73
4.90

-004 -023 AG 104

-0010 -034

2
+0.1
-2
-24
31
+22.2 ✓

45.226

57.85

462

-027

0

45.285

62.95

4.00

-0002 -025
-003
-0035 0355

45.253
+2
35

48.55

4.24
+2
4.31

-002 -024

```
  2.000
  0.100
 -2.000
-29.000
  3.100
     42
 22.200

  0.722
  0.483
  0.495
-73.196
  7.943

 -0.636
  0.744
  0.203
-96.270
  0.490

  0.271
  0.462
 -0.845
-66.028
-21.506
```

13410
-3784

2 080 -37 ✗ PUE +24

F5 I Mich

-002 +038 CY

-014

-011 +034.5

2.1
-37.6
-.14
+34.5
4.65
+24

```
  2.100
-37.600
-14.000
 34.500
  4.650
     85
 24.000

  0.709
  0.696
  0.112
 76.564
  9.193

 -0.641
  0.703
 -0.308
148.636
  5.262

  0.293
 -0.147
 -0.945
-39.395
-26.030
```

```
 18.500
 21.800
 -1.000
  1.000
  8.000
    395
-21.000

  0.190
  0.767
 -0.616
  2.842
 20.219

  0.430
  0.502
  0.751
  0.487
-23.081

 -0.885
  0.400
  0.239
  5.790
 -5.109
```

18945

+ 14 −23 +2

2 13.0 −23 31

60709

+04

+0087 +021 ±8.3

+0054

−23.840

58.197 1.2 4505 98.5

+108

5013

2.2

−23.5

+86

+11

36

+0.9

33.74 50.04

+31

49.73

+0555 +014

+0147

+0764

+0750 +011

```
  2.200
-23.500
 86.000
 11.000
  3.600
     52
  0.900

  0.695
  0.655
  0.295
294.160
 15.763

 -0.646
  0.750
 -0.143
-202.417
 -10.752

  0.315
  0.091
 -0.945
122.328
  5.569
```

14085 2 13.9 -23 16 Go VII +371

238852

+47 -40

0 +8

+47 -32 -3

+46 -36

+049.5-036

2.2

-23.25

+25.5

-36

4.7

+37.1

```
    2.200
  -23.250
   75.500
  -36.000
    4.700
       87  10
   37.100  7262

    0.695
    0.654
    0.297
  117.063
   21.232  +20

   -0.646
    0.750
   -0.140
 -340.478
  -34.833  13✓

    0.315
    0.095
   -0.944
   87.195
  -27.445  24
```

15084 2 23.4 +18 41 dF7 +20.36

+18°305 8.0

+094 -045 Y

+0527 -0389 ZL

+0553 -0381

-0364

+0256

+056.5 -040.5

2.4

+18.7

+80.5

-40.5

4.25

+203

585 811 321 547 +094 -045 +20.3 -014 +7 -199
-055 008 076 -011 -208 398 +18.2 +16 +11

015

+2 +38 -6

+30 -19 -11

02

+6 +31 -3

+26 -12 -11

2.400
18.700
80.500
-40.500
4.250
71
20.300

0.667
0.276
0.692
187.949
27.359

-0.654
0.662
0.366
-363.506
-18.313

0.358
0.696
-0.622
-4.465
-12.946

15024 2 24.1 +10 22 +340.6

+9°32.2 Bgd +031 -030 +53 -3

+0030-016

-5 +6

+025 -024

15165

2.4

+10.4

+44.5

-9

6.1

+34.0

Cpm

16.5 8607 9557 0438

5 09/0252

15165

+9°32.1

+00286 -0026 +0025±21 -012±23

+ 5 ~~+042~~ -020

4.457 970 28.22 52.7

+00291 -0065

4.442 28.442 39.36

+6 +8

28.50

-0054

+0429

+044 -009

2.400
10.490
44.500
-9.000
6.100
1166
34.000

0.667
20.373
6.645
122.396
42.248

-0.654
0.708
9.266
-165.883
-18.481

0.358
0.599
-0.716
48.513
-16.283

1540 ✓

37°53'

2 25.7 -36 55 ✓

+55 mi

~~+0004~~ ~~+0076~~

SE5 scott

+0042 -006 F8

0504

~~+053.5 -006.5~~

2.4

-36.5

+6.7

-9.5

6.15

+17.5 ✓

```
  2.400
-36.900
 67.000
 -9.500
  6.150
    170
 17.500

  0.667
  0.727
  0.163
136.571
 26.050

 -0.654
  0.676
 -0.340
-196.514
 -39.322

  0.358
 -0.120
 -0.926
 96.207
  0.130
```

16314
+1045

2 346 +2 12

-5 +9
+35 -214
+33 -12
+30 -13
+13 -25 ×6104
+22 -021
+024 -024

2.6
+22
+24
-24
54

-16

+2612
-16
FSTL

```
  2.600
  2.200
 24.000
-24.000
  5.900
    151
-16.000

  0.636
  0.460
  0.619
 19.969
 -6.888

 -0.660
  0.740
  0.128
-159.241
 -26.151

  0.400
  0.490
 -0.775
-10.351
 10.826
```