640 2 20.4 +55 08 -25.6

-0011

0700

+00091 -0083 W_{350} 7.63
+00043 +12 6.28
+0038 -0086

+003 -010
-0.2ms

2.33
+55.1
+5
-10
8.5
-25.6 25.8

2.330	3.330
55.100	55.100
12.000	5.000
-12.500	-10.000
8.500	8.500
501	501
-25.600	-25.600
0.677	0.510
-0.178	-0.307
0.714	0.803
32.603	21.454
-1.939	-9.817
-0.651	-0.667
0.306	0.449
0.694	0.595
-39.351	-30.313
-37.492	-30.420
0.943	0.543
0.935	0.839
-0.091	-0.024
-44.252	-32.427
-19.844	-15.625

Yng? II? (X) 87 696

699 2 22.3 +50 04 154 III

2902

14872 4.70 +1.525 +1.81 2E 3.90 +0.64 5 J(3)

4.70 +1.53 +1.90 J 3.92 +0.63 A3

(4.71 +1.53 +1.85A) 3.91 +0.635

4.70 +1.53 +1.85

353
46
399
285
9
607
527

Yng

+0029-0123 new ±00? -4.5a
-36

+115
-155

+0255

+025 -016

+0230

+022-014

+02

388 62
350
84
266
265
531

		699.000*
		2.000*
		22.300*
		50.000*
		4.000*
		0.025*
		-0.016*
	5.2 ✓	5.100*
115	112.5	104.713
		-4.500
		0.089
		0.732
+7	~~+6~~ +7	5.991
		-0.106
		0.660
	-15	-14.023
		-0.028
		-0.170
	-2	-2.182

ADS2237 -0003 ± 5.3 +022 ± 5.0

18384 2 54.6 -00 47 7.1 g65 +10.3 b

1643

3550 37.475 1896.7 -0 46 30.13 1894.6

9m 9s

016 / .491

20.962 / 16.470 / 37.432 / .027 / .455 / .422 / -.435 / 43

36.223

-1.22 / 31.35

34.34 / 4.48 / 29.86 / .97 / 30.83 / +.39 / 30.44

1934.56

779 2 404 +81 17

16458

+15 ~~+69~~

~~+12~~ -072

79
-72

+23

R.A.	:	2.650
DEC.	:	81.250
PM. R.A.	:	79.000
PM. DEC.	:	-72.000
DISTANCE	:	7.000
MODULUS	:	251
RAD. VEL.	:	23.000
q1 (U)	:	0.628
q2 (U)	:	-0.529
q3 (U)	:	0.571
dU	:	216.297
U	:	67.456
q1 (V)	:	-0.661
q2 (V)	:	0.023
q3 (V)	:	0.750
dV	:	-45.678
V	:	5.770
q1 (W)	:	0.410
q2 (W)	:	0.848
q3 (W)	:	0.335
dW	:	-266.172
W	:	-59.153

808 2 41.5 +17 32 g 202

17017 -9 +17

6.46 +1.06 +1.10 3E

5.97 +0.39 2B

+2

594 375

485 558

556

5.00

+05

+1.05

+0027 -0293 phy

+8 336

-31.9 b

+0386

+639-033

808.000*

2.000*
41.500*
17.000*
32.000*
0.039*
-0.033*
5.0 4.850*
101.5 93.325
-31.900

0.072
0.733

-16 -16.694

-0.230
0.304

-33 -31.122

-0.028
-0.608

+17 16.765

39 Ari

2 44.9 +29 02 121 III

(824)

17341 −14

GC3356 16

+290462

4.50 +1.13 +1.03 8 E

4.52 +1.11 +1.03 25

4.10 +0.415 25

4.03 +0.375 8A

4.06 395

W(±0.8) −14.9 f

−15.4 L(5)

−11.2 B(3)

−15.0 V(1)

25 A(16)

18 M(6)

24±?

+? +?

+0.01160 −0.1180 ±1.0 368

N30+ 323

+01167 −01173

33

−14.9 f

+153

+153 −121

(8.3)

8

346 40

+1.2 0 G W

824.000*

2.000*
44.900*
29.000*
2.000*
0.153*
-0.121*
3.300*
45.709
-14.900

0.376
0.782

5.526

-0.834
0.426

-44.466

-0.135
-0.456

0.617

40 Ari

17459 2 45.7 +18 05 6.0 gK1 +47.16

1577

3369

828

645
275
65

+0028 −029 39 N30

+0031 ±1.9 −033 ±.7 GC Louth N30

+00295 −0315

+444 −34

+0421

+043 −035

8122 −0713
5834 9974
−0713

0454

43615 65.51 35165
−11 −23
35442

7 Peg ERC 2 47.0 +5-5 41 13 flits

0172-0141

0221	+0025	-0.010	GC →
28	+0021	-0.012	N30
0336	+0023	-0.011	
.1724	+.019		

288

+605	-254	+754	+0544	+0132	+0676	+15.5	-0.7	+18.8
-664	+361	+654	-0597	-0188	-0785	-22.6	-0.7	-23.3
+438	+897	-050	+0394	-0467	-0023	-2.1	0	-2

R Tri 2 54.0 +34 03 5.8 m4 III e

64 577

(X) Roman

882 2 580 +34 59 R2 III

3575

18449 4.94 +1.23 +1.26 DE 4.43 +0.46 J (2)

4.94 +1.25 +1.28 J 4.38 +0.44 A (2)

440 +0.45

583

194 402

-00389 +0096 FRY -36.09 3.38 4.34 43

-0032 1.5 356

0583 4.98 360

386

-0476 13

446

-048 +006 +15

-17

-0477 +0005

-048 +006

832.000*

2.000*
56.000*
34.000*
59.000*
-0.048*
0.006*
4.900*
85 95.499
-36.000

-0.132
0.813

-70.5 -41.857

0.168
0.461

-21 -0.528

-0.083
-0.355

196 4.816

-0026 +10

1023 632 428
655

— 3 01.8 +56 31 ΓO II-III

918
18970

4.78 +1.01 +0.83

4.33 +0.35 8A

f m n
1023 632 428
655
23

±2.0 3.98
4.6
3.5
~~3.45~~

-0.00200 +0.0722 Sky
-31

Old

44.8a
-14
-0163
-018 +069

III – IV

η Eri 2 54.0 –9 06 141 III

5 8
4 64

8.74
18322

3.89 +1.10 +1.00 C
3.46 +0.415 3 J

+0.00504 –0.2171 F-124

–20.36

```
                 918.000*

                   3.000*
                   1.800*
                  56.000*
                  31.000*
                  -0.018*
                   0.069*
                   3.950*
                  61.660
                 -44.800

                  -0.143
                   0.772

-40              -43.443

                   0.185
                   0.635

-21              -17.056

                   0.244
                  -0.026

+11                16.224
```

NO II · III

918 3 01.8 +54 31

18970

3674

4.78 + 1.01 + 0.83 2 Essen

4.83 + 0.35 3A

5 And
2 15 0 44.7 +23 59 IN1 II

4.06 T1.12 +0.87 5

1.168 684 506

ω Per 57 4556 -20 3 08.1 27 1.141 +39 687 208 25 503 150 III

947 +14
19456

4.64 +4.46 +102 35

4.19 +0.405 35

E = +102

±3.0 4.15 +395

-.00210 +0.0083 -30 5h4 377 332 4.35

+4.76

-0.05

49 385

416 374 325 3

381 326

-4
-0243

-025 +005

947.000*

3.000*
8.100*
39.000*
25.000*
-0.025*
0.005*
4.350*
74.131
6.700

-0.066
0.836

0.696

0.093
0.478

10.068

-0.041
-0.271

-4.827

1330419 77 686 Roman

991 3 15.6 +34 02 N 2 II

3548

20468 ~~4.85 +144 12.73 +6~~

4.82 +149 +1.55 J 4.13 +0.56 J3

4.14 +0.53 A3

4.14 +0.545

μ?

3.94 475

~~+005 -027~~ +1.8a 3.56

+006 -021 FK8 2.40

24 - 29 FK4 .354

+003.10 6.

+1.8

+003 -024

+1.5

-18

```
                931.000*

                  3.000*
                 15.600*
                 34.000*
                  2.000*
                  3.003*
                 -0.024*
                  6.500*
190             199.526
                  1.800

                  0.007
                  0.352

+3                2.837

                 -0.081
                  0.404

-15             -15.369

                 -0.081
                 -3.333

-16             -15.800
```

329 337 6 (X) 74 582 Roman

1052 3 27.0 +47 58 R3 III

4158

21552 4.35 +1.36 +1.55 8F 3.67 +0.54 5 (3)

4.38 +1.34 +1.53 5 3.66 +0.51 A (3)

4.36 +1.35 +1.54 3.66 +0.525

328
258

$m_v = +0.3$ W03 PGW

+00045 +0231 FN4 +15.9 -2.2 4.78

-27

+00046 -0014

0061 +0217

+009 -0077

-0014

+006

+005 +019

3.60 505

322
24
253
205

1.6

+0012
-0006

+0046

+003 +020

1052.000*	1052.000*
3.000*	3.000*
27.000*	27.000*
47.000*	47.000*
50.000*	50.000*
0.003*	0.005*
0.020*	0.019*
4.600*	4.750*
83.176	89.125
15.900	15.900
-0.013	-0.008
0.846	0.846
12.345	12.768
0.041	0.032
0.519	0.519
11.694	11.151
0.085	0.087
-0.119	-0.119
5.219	5.860

1157A 3 42.3 -40 49 1950 K1 III

23508

+24
+14

6.59 +1.075 +1.01 1E

6.09 +0.38 2E

+02
4.6
3.45
6.05
5.75
5.3
4.2

5.1

+0015 -084 Gc+
+ 1 + 1
+31 -.25
+0182 -088

+19.4

+022

+04
+17

	1157.000*
	3.000*
	42.300*
	-40.000*
	-49.000*
	0.022*
4.5	-0.088*
	5.100*
79.7	104.713
	19.400
	-0.314
	0.257
-20	-27.840
	-0.279
	-0.557
-33	-39.984
	0.094
	-0.790
-6	-5.440

1266 (X) 4 00.5 -61 14 8124

4861

25728 4.96 +1.41 +1.70 C 4.37 +0.535 Mend

M101
467

427 +0.56 Eggs (2)

+00934 +0932 432 +0.545

- 54 + 22

394

+0098 +091 ±003.5 M30 +60.56

3.25
-2.35
5.55

+0.070

+0.075 +089

+8.5
+33.5

+0009

+0673
+ 42

+071 +091

481
14
1924
481 4
673

```
1206.000*

   4.000*
   0.500*
 -61.000*
 -14.000*
   0.075*
   0.089*
   5.550*
 128.825
  60.500

   0.524
  -0.044

  64.899

  -0.134
  -0.723

 -60.989

   0.107
  -0.690

 -27.921
```

1265.000*

4.000*
0.500*
-61.000*
-14.000*
0.071*
0.091*
5.550*
123.825
60.500

0.526
-0.044

63.109

-0.120
-0.723

-53.115

0.092
-0.690

-29.897

57 +56

52 Per 4 11.5 +40 21 G5 I6 + A2

1306

26673 -25 4.71 +1.01 +0.64 35 +1.0 8B 1576 ⊘

17 4.29 +0.405 35

+0014 -30 -029 +25 Gc+ ±2.0

+0011 10 -0265 20

-11

+0126

+012-028

7.06

```
1306.000*

   4.000*
  11.500*
  40.000*
  21.000*
   0.012*
  -0.028*
   7.300*
 288.403
  -2.000

   0.040
   0.928

   9.595

  -0.127
   0.348

 -37.344

  -0.056
  -0.131

 -15.862
```

6.4

1913

16

-25

-10