170648 15 279 +18 83 0.0

+183709

~~+011~~ ~~-007~~ Y
+0006 -005

+023 0 A6123
+004 -1
~~+016 -005~~

+019 -020

+20
0
6.4
0.0

R.A.	:	18.450
DEC.	:	18.550
M. R.A.	:	20.000
M. DEC.	:	0.000
ISTANCE	:	6.400
MODULUS	:	191
D. VEL.	:	0.000
q1 (U)	:	0.169
q2 (U)	:	0.732
q3 (U)	:	-0.660
dU	:	15.198
U	:	2.896
q1 (V)	:	0.436
q2 (V)	:	0.545
q3 (V)	:	0.716
dV	:	39.220
V	:	7.473
q1 (W)	:	-0.884
q2 (W)	:	0.409
q3 (W)	:	0.227
dW	:	-79.425
W	:	-15.134

Ⓧ 40 504 Room

6945 18 25.8 +65 82 1823 1/1

170693

25212 4.82 +1.19 +1.11 J 4.34 +0.455 J

3.56

±0065

+0158 -0265 mm +32.4 333

\+ 5 1.55

4.88

0 237

45 4.32

+098 394

+103-024 362

335

+0980 155

+103-029 482

+7

+10

6945.000*

18.000*
25.800*
65.000*
32.000*
0.103*
-0.024*
4.900*
95.499
32.400

-0.031
0.084

-0.279

0.231
0.886

50.797

-0.444
0.456

-27.590

6945.000*

13.000*
25.800*
65.000*
32.000*
0.103*
-0.026*
4.800*
91.201
32.400

-3.041
0.084

-0.993

0.233
0.886

49.932

-3.445
0.456

-25.777

6945.000+

10.000*
25.800*
65.000*
32.000*
3.103*
-0.027*
4.800*
91.201
32.400

-0.045
0.084

-1.415

3.233
0.886

49.997

-0.445
0.456

-25.825

OCA $^{-30}_{+0}$ 18 29.9 -42 21 G5 II

6951

170845

4.5

4.63 +100 +0.76L

~~+30 +0.35~~ 1 S

4.21 +0.35 2E

+04

4.13 32

379

-7 33 4

+0.00277 -0.0206 F184 -2.16

+0307

~~+024~~ -021

6951.000*

18.000*
29.900*
-42.000*
-21.000*
0.029*
-0.021*
5.500*

347 125.893
-2.100

0.047
-0.959

+18 7.881

-0.030
-0.124

-10 -3.505

-0.160
-0.255

-55 -19.660

-0010-013 1.42

172508 18 38.1 -04 33 -11.7 45.6

0.7
13.6
17.8

14485 2015

-44547 48.485 34.15 10.15

Noble 8.440 46.00 38.59

Carlsberg 438 4.11 38.45

+0004-007

8452 68.53 38.85

11 -17

441 39.02 +0009 -017

+0087 012

8436 6840 3841 +0008 -0145

0 +0009 -0125

-22

38.83

+0134

+015

+0006 ± 7.1 −015 ± 6.3

172365 18 37.2 +05 13 4.3 g F8 −18.5 6

+0012 +0011 000

+0010 000

25520

11110 9.151 1899.3 +5 13 3.02 1897.0

−030 ±80

.121 3.52

4.2 007

9.115 +0021 +004 4.22 1933.0

8 3

123 4.25 47

9.117 +0033 +003 3.90 1936.46

+13 120 +0049 +003 −7

130 +005 −15.5 3.83

+016 4.05

+018 +003 +.23

9.135 4.08 1954.07

1004 25

9.128 33.

```
 18.600
  5.200
 18.000
  3.000
  8.500
    501
-18.500

  0.203
  0.559
 -0.804
 25.168
 27.492

  0.416
  0.694
  0.587
 45.237
 11.809

 -0.886
  0.454
  0.092
-68.863
-36.212
```

7181 S' Lyr 18 58.5 +36 55

-00043 -0019 W 58

-001 -002

1885
+364
-1
-2
7.65
-24

19.950
36.900
1.000
-2.000
7.650
339
-26.000

0.258
0.889
-0.379
-3.405
6.656

0.381
0.266
0.885
-3.971
-24.363

-0.888
0.373
0.270
-0.168
-7.080

(6470)

171391 18 32.3 -11 01 5.2 g 67 +6.6a

25374

11031

+0038 43 -003 44 N30

+0034 ±1.9 -003 ±1.8 Gc → N30

1680

-054 +002

Carlsberg

560

535 327

307

-55

+2

4.35

+4.6

R.A.	:	18.550
DEC.	:	-11.000
. R.A.	:	-55.000
. DEC.	:	2.000
STANCE	:	4.350
ODULUS	:	74
. VEL.	:	6.600
q1 (U)	:	0.192
q2 (U)	:	0.312
q3 (U)	:	-0.931
dU	:	-46.060
U	:	-9.557
q1 (V)	:	0.423
q2 (V)	:	0.829
q3 (V)	:	0.365
dV	:	-100.390
V	:	-5.034
q1 (W)	:	-0.886
q2 (W)	:	0.464
q3 (W)	:	-0.027
dW	:	231.042
W	:	16.949

ADS11477 apluel +0015±4.5 −038±3.2
171586 18 33.1 $^{+0019}_{+04}$ 54 $^{-027}$ 6.7 A4p −0.96
25401
11051 8.265 1095.4 +4 53 40.56 18872
−082 2.39
183 42.95
8.238 41.76 19333
+9 +5
247 41.81
258
8.259 39.5 41.58 1936.46
+11 −4 27 976
270 +075 41.54 34.9
41.68 47.7
−1.27

7008 18 37.7 +05 13. F9 Ib

172365

+5°3849

+0006231 −015±43

+0002 −003

9.151 9.13

030

.121

3.02 97.0

00

3.02

+0004 −005

9.135

−002

9.133

0408 59.07

−45

03.63

19

355
175190

GC25939
W11358
Y4367

-22048915

18 52.1 -22 44 gK5 -109.98

5.0

-107.84(7)
-115.55(3)
-106.7 1st

BD 1128

+100 -029

+112	-21	-1	.020
+115	-19	-23	.016

34±.0 4(10)

+0072 ± 2.2 −029 ± 2.0
+0080 −018

5.755 1900.2

−22 44 8.44 1896.5

−359
.396

+1.55
6.89

35.149
30.500
5.649
−15
634
10
624 12

58.96 1627.82
49.70
9.26
1.60
1.66
9.
+23
43 1.13

33.3

5.703
−15
688
656
+267

7.
7.76 1939.16 4698
+4 33.5
7.70
7.56
−0.67 37.0

355 Sgr
175190
HR 7120

18 52.1 — 22 47

4.97 +1.30 +1.50 (2)
4.40 +0.48 (2)
4.02
67
335
3
15
5.15
4.47 +46
409
443
.87
+0.13

−109.9 f

+00075 −027 GC
+0093 −016 new(2)

+0079 −021 N30
+00775 −0205 FK4
+107
+107 −022 +Corr

175190.000*

18.000*
52.100*
-22.000*
-42.000*
0.107*
-0.022*
5.150*
107.152
-109.900

0.120
-0.957

118.040

0.098
0.220

-13.637

-0.494
-0.189

-32.202

4.4
83.✓

Esct

7032 -4 18 40.8 -8 19 GS II

173809

4.90 +1.12 +0.88 C

s	m	n				
1.122	1.577	448	4.40	+0.43	115	+15
955	590	435	4.10		375	
	608		376	33		

+0.0037 +0.0074 FIRY -0.6a

12

+0.203

+022 +007

(5.0)

7032.000*

18.000*
40.800*
-8.000*
-19.000*
0.022*
0.007*
5.000*
100.000
-10.600

0.035
-0.908

13.106

0.069
0.417

2.502

-0.077
-0.035

-7.354

61 488 Rome

7064 18 44.1 +26 36 1h3 #1

173780

25721 4.84 +1.20 +1.22 J 4.34 +0.44 J

4.84 +1.19 +1.22 E

4.84 +1.195 +1.22

62

+00124 +0225 +8 +1h4 -16.7a 432 435

394

60

334

137

4.7

+0220

8

+0134

+017 +021

+0176

+021 +022

+14

+49

7064.000*

13.000*
44.100*
28.000*
36.000*
3.021*
3.022*
4.700*
100 87.096
-15.700

3.108
-3.538

+15 13.360

0.084
3.813

-7 -5.263

-4.046
3.223

-8 -7.760

0 Dia 44 572 Roman

7125 18 50.5 +59 20 1NO II - IV

Hossoh KO III apt

175306

25905 4.67 +1.19 +1.04 J 4.15 +0.46 J 7.5 3.44

1428 10138

474

+00952 +0370 FKY 19.5a

0.1428

+0285 +0228

+417 +43 4.4

455

413

323 4.67

312 319

33

+0075 +0381

+0717 +0009 1.9

+ 36 3122

+076-1026 5.0

	7125.000*
7125.000*	
	13.000*
13.000*	59.500*
59.500*	59.000*
59.000*	20.000*
20.000*	0.075*
0.076*	0.031*
0.026*	5.000*
4.650*	158.489
85.114	-19.500
100 -19.500	
	0.233
0.211	-0.011
-0.011	
	37.156
+21 13.207	
	0.123
0.127	0.920
0.920	
	1.498
-9 -7.159	
	-0.280
-0.290	0.393
0.393	
	-52.100
-37 -37.360	

32 Sgr

7116 18 51.2 −22 45 e 1.2

64 532

174571

25918

4.41 130 118 401 380

4.83 +1.40 +1.28 5 4.21 +0.48 5

103

20

14

87

363

308

75

442

warm

$M_V = -3.1$

+00013 −0109 +002 ZC −12.1a

−00016

−00003

+00016

+00013

+0018

+14

−0109

+32

−0077

−0039

−0106

+43

+003 −007

+00013 −0109 ZC

16 +32

−00003 −0077

18 +30

+00015 −0044 +16

+0021

+002 −005

```
T 16.000*

  18.000*
  51.200*
 -22.000*
 -48.000*
   0.003*
  -0.007*
   7.500*
 316.228
 -12.100

  -0.000
  -0.958

  11.481

  -0.024
   0.217

 -10.344

  -0.027
  -0.186

  -6.156
```

848 546 375 45 30

— 18 52.0 +50 38 64 14

7137

175535

4.93 +0.90 +0.578 J

4 54 +0.30 3 J

+33
11

4 2 5
3.91

±2.5
45

−0.00020 −0.0295 GC+ +8.2a

−0250
−10

37

−00035
44

−0033

+001 −020

64
572

o Dra 18 50.5 +59 19 120 II-IV

7175

175306

4.67 +1.19 +1.04 4 J

7137.000*

18.000*
52.000*
50.000*
38.000*
0.001*
-0.026*
3.200*
43.652
8.200

-0.116
-0.156

-6.349

-0.004
0.924

7.403

-0.041
0.348

1.055

~~3 Sgr~~ 37 Sgr

175775 1F 54.7 -21 10 3.6 g[2]1 -19.9a

26019

11359 +0026 58 -013 57 N30

+0025±1.3 -015±1.4 GC → N30

2.152 45-48 42-45 41-47 $C_m = 251$

1.217 935 258

η Set 18 54.6 −5 55 102 14

7149

17751

4.88 +608 +101 C

4.35 +375

400

51

3.5

−7

+18

+13 ± 2.0

+0.00435 −00390 N30+ −92.8a 2.15 TRG

+00423 −0387

14

+0631

+164 −040

7149.000*

18.000*
54.600*
-5.000*
-55.000*
0.064*
-0.040*
2.150*
26.915
-92.800

0.007
-0.878

81.648

-0.038
0.474

-45.034

-0.356
-0.069

-3.167

+9 492

7150 18 54.8 -21 10 N, III

175775

26019

34 (42) 34 -0.8 water

3.51 +1.18 +1.13 J

3.51 +1.18 +1.04 C

3.19 +0.42 J 3

Young

+03

+40

+00230 -0118 FIN4 -19.9 C

+0341

+0344 -014

+0322

+032 -013

313

275

225

+17 -15

Rum

7149 18 544 -5 55 102 [II]

175751

260B

97 38 5 56478 -2.6

52 Ura 18 55.0 +71 14 120 TI

7180 +40 4

176524 4.82 +1.15 +1.00 4 J

4.35 +0.40 3 J

1.249 685 805 4.25 36.5 +05

1.219 658 512 46

944 -0.6 359 51 8

3.3 14 4.45 5.0

+0.00936 +0.0450 PRY -7.16

44 -10

+0452

+050 +044

7180.000*

18.000*
55.000*
71.000*
14.000*
0.050*
0.044*
5.000*
100.000
-7.100

0.261
0.190

24.779

0.029
0.883

-3.421

-0.175
0.428

-20.528

52 1.249~~685~~ 505
757

~~#~~ Dra 18 55.0 +71 14 RO FY

7180

176524

4.89 +1.15 +1.06 31B -1.58

4.82 +1.15 +1.10 45
+1.08

4.35 +0.40 35

+4 397 +2
3

+40 5.55

+00936 +0450 FKY
-10

44
+0452

-7.16

+050 +0441

	7180.000*
	18.000*
	55.000*
	71.000*
	14.000*
	0.050*
	0.044*
	5.950*
	154.882
	-7.100
	0.261
	0.190
+30	39.119
	0.029
	0.883
-3	-1.856
	-0.175
	0.428
-24	-30.125