-47c

5755 15 26.9 +60 51 5.86 gi25

M5.4 (25) -019 -006 G

-6 +3

-025 -003

4

.000*
.000*
.025*
.003*
6.500*
9.526
47.000

0.045
0.068

5.858

-0.083
0.674

-48.320

0.072
0.736

-20.172

15.400
7.250
9.000
7.000
.040
102
100

102.33
101.44

497
48
31
76
4

-13.773

-0.556
0.645
0.525
188.855
2.916

3

+00485.15
+0049

138245 15 26.8 +62 2

20817
8946

47.123 1889.9 +62 2

200
~~46.8822~~
46.8 3 4

20.43
26.462 2
46.89
63
.55 5
10
~~47.00~~ 945

36.1

47.029 4025
31 7.012
040
+178

53.59
53.61
9
53.5

53.19 1945.32
-10
53.09
53.60
-.99

71.4
36.0

49.0

19.450
-17.250
-69.000
5.000
6.500
200
-31.100

-0.488
0.246
-0.838
158.172
57.608

6.35
116.5

199.5
101.05
97.8

G-15-23

24.7 6 29

15 27.1 +6 19

-79.4 Sand

10.96 +70 +04 21C

4.70

+21

1690 6

1713 3

5.6

6.3 ~~Sp.10 P~~

138338 15 27.7 +55 22 A2 -6.98

20833

1949 -0017[26] +029[27] N30

-0018±3.5 +030±2.8 Gc ~~N30~~

34 tit

+0012 ±2.0 −006 ±2.3
+0016 −001

138137 15 27.8 −16 26 5.9 gb6 −1.7 6

20842

5952 50.853 18993 −16 26 21.63 18929

−061
.792

+.31
21.32

26.291
24.502
50.793
45
.838
6
844

846
+054

34.3

11.43 1928.38
11.20
22.63
122
21.41
+11
21.30

6730
33.6

35.7

50.853
−5
848

21.36 1938.92
5
21.41
21.36
−04

138341 15 28.4 +31 27 6.4 A2 -4.0 δ

20848 6.35 +19 +14 A5 II

8955 -0024 22 -021 23 N30

-0024±4.3 -014±3.2 Bc → N3 ✓

-40.46

5768 15 28.5 +62 17 4.34 1.5

-024 -005 GC
-6 +2
-030 -003

5

5768.000*

15.000*
28.500*
62.000*
17.000*

VY Sex - H4 — 140 new

15 28.5 +1 5-1 ~~120~~

mod 8.8 in

bs=9 -113 +057 vs

-1 -4
+5
+1

-289 -614 0 1 -113 +057 ~~-140~~ 0 0 .250 0 .0

-089 0 069 0 -422 .327 ~~-140~~ +186 +100 .0015

~~+361 +115 +150~~

+154 -52 +379

-194 +330 +150

+257 -107 +199

-336 +437 +270 .001

+481 -156 +345

-035

.0015

+1.8 6

5761 15 28.6 +36 59 6.31 100

-061 +016 GC
-2 +5
-063 +021

+016 ± 3.8
+030 25.09 1892.0
93
2416

37.091 -0051 ±47
268 -0058
359 1897.0

37.026 -0054 +023
+14 -2 +5
-0056 +028
34 042
-067

2645 1552.65
-48
25.97
1.83

6

+10.16

5785 15 302 +64 23 5.74 GG

+440 1074

-160
0
-5

-0.113 +074 GC
-7 +2
-120 +076

-0175 ± 3.2 +074 ± 2.2

11 Sep

-0009 ±2.2 -042 ±2.1
-0013 -048

185.62 15 30.4 -01 01 5.8 g G9 -16.16

20896

9971 23.224 1895.9 -1 1 4.69 1898.0

049 +2.18
1273 9908 -5020 2.51
-1352 -8649

-017.2 -0420

PINS

Supp

57.957 58.48 1534.26
17.250 6.38
23.207 5.36
234 1.13 13.9
224 4.23 4.46 11.477
+2 -1.95 38.3
4.21

42.4

58 219 4.41 1839.23 40.3
+2
4.39

23.211 3
214 054

52.37
30.913 0
23.23 +4
-18 216

2.71
2.11
482 +15 -15 4.79 1941.28

-0160 ± 8.0 -040 ± 5.9 C,(4)

-0152 -030

138549 15 30.8 -30 51 65 ± +14.4 ± 0.5

20505

7.96 ± 0.70

48.439 1899.8 -30 51 5.35 1895.8

803 2.17

49.242 3.18

43.5

48.76 160 3.9 1931.5 86.6

7 29 43.3

48.753 49.580 3.68 873 47.5

662 436

1.18

48.400 4.86 1955.19

7 -24

407 5.12

2000 pc. 0.10

AR Ser 1531.0 +2 5-7 +100 km/sec

<V> 123 -050 +017 +133 9

-478	521	-707	+1133	+0420	+1553	+310.6	-70.7	+240
665	741	096	-1576	+0597	-0979	-195.8	+9.6	-186
-574	424	701	+1360	+0342	+1702	+340.4	+70.1	+410

XX Pup
~~AV Pay~~

36 lib +0009 ± 3.0 −041 ± 2.9 SB±
+0012 −044

138688 15 31.6 −27 53 5.2 9.14 +12.36

20918

9979 35.063 1902.7 −27 52 48.34 1899.9

−.043
.020

4.194
30.799
34.989
+.65
35.054
.054

.062
+.042

35.075
−.9
.066

34.5

+2.05
46.29

4432 1934.83
455
4927
4133
9
47.13 26
47.91

47.81 1939.54
−26
48.07 −1.65
47.94

1437
37.2
37.3

6.53 356 87 330 2.607

5779 1295 258 -322 (2) 1-35

128763 15 81.7 -5 31.1 -377 (9) -18

-006.4 ±23 +004 ±004 ±73 +001

42.087 97.0 -00135 -006.1 42.94 56.4 -48

339 .426

41.983 66.80 43.11 43.72 -006.3 +004

+6 954 -0063 +007 -4 43.15 +007

-054007 (wrong)

-094

NO

41.964 70.09 43.70 -093 +010

+8 977 -25 43.48

OK

-1.76

6853 -4580 0636 -7262 0943 -00110 -135 0440 425

-34.0 — -42.2 6 Bieres

-33.0 -0107

7

ETA +0048 ± 2.4 -074 ± 2.4
+0058 -061

13553 R5 32.1 -66 09 4.1 NO -15.50

20932

5984 7.124 1904.5 -66 9 4.55 1902.4
-218 +3.52
6.906 1.03
7.074 3.30 1940.53
+29 -23
7.103 3.53

443

9755
48.8
46.4

328 768
7.164 3.84
-2.81
+.258

7.200 3.87 15-7.02
+25 -28
7.225 4.15

-0216±6.0 -134±5.4 $C_3(L)$

-0251 -126

138289 15 32.6 -77 45 KS II +13.1±0.4

20948

6.18 +1.23 (2.30)

35.1365 1894.3 -77 45 8.93 1892.9

1.203 7.65

36.1568 1.28

-0232 -130

14.7866 2.74 1931.31

28 04

.814 2.78

17.755 -6.38

.569 5.00

34.0070 2.87

1.09 .13

35.6079 0.

736 $15^h 32^m.6$ $-77°45'$

HD 138289 +6.18 +1.23 +2.30 K2 II

-.470	-.619	-.629
+.664	+.221	-.714
-.581	+.753	-.307

+13

5757 15 32.7 -77 45 6.18 182 II

-069 -184 GC
+1
-183

8

```
  15.400
 -17.250
 -69.000
   5.000
   5.040
     102
 -31.100

  -0.497
   0.248
  -0.831
 161.176
  42.274

   0.666
   0.723
  -0.183
-190.994
 -13.773

  -0.556
   0.645
   0.525
 188.855
   2.916
```

102.33
101.44

3

3

	19.450	
	-17.250	
	-69.000	
	5.000	
9.35	6.500	
116.5	200	199.5
	-31.100	101.06
		97.85
	-0.488	
	0.246	
	-0.838	
	158.172	
+44	57.608	
	0.666	
	0.726	
	-0.174	
	-190.752	
-16.8	-32.637	52.46
	-0.565	
	0.643	
	0.518	
	191.619	
+6	22.130	

3

+10.16

5785 15 302 +64 23 5.74 GG

+440 1074

-150
-85

-0113 +074 GC
-7 +2
-120 +076

-0175 ± 3.2 +074 ± 2.2

13.197 1850.1 -0189 +076 35.03 1893.7
+03 -417
4.300 30.86

-0181 +075
-8 +2
-0189 +077

13.250
+03
281
-1.019

-.122

37.88 1944.95
-10
37.78
+3.92