3 Tau -0006 +0018 1038 3 24.6 +9 33 B8p OB 2Sp

21364 4107 +0600 -0387 FK5 3.73 -08 -32 C

F:4

+0397

196 -00 -7

-10e dbl

12

+0578

+0397 -037

```
1038.000*

   3.000*
  24.600*
   9.000*
  33.000*
   0.059*
  -0.037*
   6.500*
 199.526
-10.000

   0.076
   0.792

   7.222

  -0.316
   0.082

 -63.936

   0.056
  -0.605

  17.267
```

IVPD sp.

1022 3 29.2 +44 41 B2IV

21803

+3.2

6.40 +0.03 -0.70 (2)

086 012 143 (1) 2.610 (1)

027 126

54

180

+0002 -005

+0021

+001 -008

$M_V = -3.25$

495

+0011 -0051

+001

050 -008

```
1072.000*

   3.000*
  29.200*
  44.000*
  41.000*
   0.001*
  -0.008*
   8.850*
 588.844
   3.200

   0.009
   0.860

   7.903

  -0.025
   0.484

 -12.991

  -0.028
  -0.160

 -16.893
```

1068 3 25.5 +58 36 A4 IV II-III

6.40 +0.14 +0.15

+7.0

AD92592

189

063 214 985 2.872

223 972 2.972

6.0

+1.55

19 Eri (1661) 425 500 49.91 -2747 436

1088 +0017 3 31.6 -21 17.02 0.75 48 BSU

22203

4258

4.28 12-35 J5 3.40 SB 6.2

+14.08 -036 +102 +702 (8) 2.762 (5)

+0479 -1745 F125 0.24 Rhulsp

$N_V = 0.25$

$E = 00$

$V_0 = 4.25$

$B-V = -12$

$U-B = -35$

$M_V = -0.55$

5745 8605 0549 0024 0002

5.00

16.62 130 2225

1088.000*

3.000*
31.600*
-21.000*
-48.000*
0.043*
-0.027*
~~4.950~~*
93.325
14.000

0.004
0.504

7.428

-0.221
-0.334

-25.302

0.095
-0.796

-2.263

485
41.3

+15 cards Part 63 CS

W1993 11.00 +0.0176 −0.0050 +0.0012 −0.0012

3 34.0 −7 3 8 5.3 Avg +14¢

+0.0156 −0.010

GC#305

2247.0 HD

+0.0016 ±2.2 −0.008 ±1.9

−0.003

TL803

0.6601 1901.6 +0.021 53.19 1902.6 3.6

077 +37 −17.6

524 52.82 26.0

+0.0016 −0.008 −3.6

+0223 6.0

462 684 563 0.598 +0248 −0036 5338 1939.01

−664 688 −2% 012 +37 +14

588 238 −77% 610 53.01 36.6

+0526 −0254 596 0722 1.890 0.82

−0755 −0261 83.35 158 pp

+0669 −0490 52.264 152.86

9.255 5400 33

+0.0267 +4.2 +7.9 0.5530 52.36

−1016 −16.0 −4.1 +12.1 5882 +50 93

+0579 +9.1 −10.6 −20.1 +0.0580 $120 52.86 −11

−1.7 −23.013 −583.7

R.A.	:	3.600
DEC.	:	-17.600
PM. R.A.	:	26.000
PM. DEC.	:	-3.600
DISTANCE	:	6.000
MODULUS	:	158
RAD. VEL.	:	14.000
q1 (U)	:	0.459
q2 (U)	:	0.686
q3 (U)	:	0.564
dU	:	42.185
U	:	14.587
q1 (V)	:	-0.663
q2 (V)	:	0.687
q3 (V)	:	-0.296
dV	:	-89.648
V	:	-18.357
q1 (W)	:	0.591
q2 (W)	:	0.238
q3 (W)	:	-0.771
dW	:	65.378
W	:	-0.425

1097 3 376 +42 25 B5

6.42 -016 104 603 2.731 38 Ω m
99 606
1.48
604

V_0 6.15 ✓
-0.7
6.85

m_V -0.7

-1.5

+028 -020 GL
+031 -0 FBY
+030 -023 +60V

9830 4746
1836 -8807
1836

1097.000*

3.000*
34.600*
42.000*
25.000*
0.030*
-0.023*
6.850*
234.423
-1.500

0.082
0.874

17.813

-0.160
0.450

-38.069

-0.003
-0.181

-0.320

1126 3 35.4 +1433 2

O.D: Vanilla

+0071

+0025 -0132 2c

+0034 -0124 564 022 052 714 264

+0038 -0104 904 714

924

+0040

+004 -012

366

+19.55

+4

-12

5.4

0.0

```
  3.660
 19.550
  4.000
-13.000
  5.400
    120
  0.000

  0.447
  0.204
  0.871
 -4.573
 -0.550

 -0.662
  0.730
  0.169
-56.821
 -6.831

  0.602
  0.652
 -0.461
-29.440
 -3.540
```

$\frac{\text{אחוז}}{\text{מספר}} = \frac{\text{חלק}}{\text{שלם}}$

$\frac{\text{שלם}}{\text{חלק}} = \frac{\text{מספר}}{\text{אחוז}}$

$\frac{\text{חלק}}{\text{אחוז}} = \frac{\text{שלם}}{\text{מספר}}$

$\frac{\text{חלק}}{\text{שלם}} = \frac{\text{אחוז}}{\text{מספר}}$

$\frac{\text{מספר}}{\text{אחוז}} = \frac{\text{חלק}}{\text{שלם}}$

$\frac{\text{אחוז}}{\text{מספר}} = \frac{\text{חלק}}{\text{שלם}}$

$\frac{\text{שלם}}{\text{חלק}} = \frac{\text{מספר}}{\text{אחוז}}$

$\frac{\text{חלק}}{\text{אחוז}} = \frac{\text{שלם}}{\text{מספר}}$

$\frac{\text{חלק}}{\text{שלם}} = \frac{\text{אחוז}}{\text{מספר}}$

$\frac{\text{מספר}}{\text{אחוז}} = \frac{\text{חלק}}{\text{שלם}}$

1141.000*

3.000*
42.500*
45.000*
32.000*
0.024*
-0.018*
6.750*
223.872
2.200

0.067
0.876

16.934

-0.125
0.466

-27.045

0.003
-0.124

0.302

24Eu

1146 3 42.0 −1 20 B > +V

23363

4481 "

5.24 −09 −37 C

5.09

E +05

V0 5.10
+0.4

4.7

+0004 −0093

+0006

+001 −012

W=V

+0004

+002 −010

5.24 −033 108 641 2.7346

5.23 −037 101 666 2.7173

5.24 −035 104 653 2.725

94 660

188

(848)

m_V = −0.9

N_0 520

6.0

B7V

1160 3 44.7 +50 86 B7V

23552 6.13 +06 -33 +21 63

+15.0

-0005 -009

-0007 -006

-23.9

+018 -005

+016 -0022

+014 -005

Var

$m_V = -2.75$

0.89 0.68 6.00 2.668

227

0.94 583 188 770

5.5 -2.2 3.7

5.50 2.75 7.65

-0067

-008 -008

t0019 ±63 -005 #53

36.460 15005

94

.366

0.70 1898.1

.26

.96

36.332

+17

.349

-017

0

1.36 194470

-22

1.14

.18

1160.000*

3.000*
44.700*
50.000*
36.000*
-0.008*
-0.008*
7.650*
338.844
-23.900

-0.006
0.858

-22.397

0.004
0.512

-10.820

-0.053
-0.050

-16.814

1158 3 453 +13 08 43

5.85 +18

V_0 5.8
0.15
5.55

.114 182 491 2.806

-0.15

-10:

-013 -047 GC
-013 -050 FRY
-015 -052
check

```
1158.000*

   3.000*
  45.300*
  63.000*
   8.000*
  -0.015*
  -0.052*
   5.950*
 154.882
-10.000

   0.084
   0.776

   5.178

  -0.058
   0.618

 -15.222

  -0.235
   0.122

 -37.684
```

6.46 +06 +01

3 15

1161 3 453 +56 58 (10.1)

23564 125 10.17 1270

6.46 070 108 1026 2862 AV 2

(+7.8) 6.0 -085 140 1005

+0.2

+0.5 6.0 5.5

3.75 +57 +8 6.5 -24. 5.8

+026 ±4 -025 ±25 -03 58.55 949

19.542 19.24 +030 124 418 + +005 -130 1.35 5593

+030 -030 +2.6 +020

19.827 +030-023 +017 544 +126 +0216 +020-024

55.44 -18 55.26 =07 1545.0

```
 31.750
 37.000
 36.500
-24.000
  5.800
  14[illegible]
  3.800

  0.429
 -0.376
  0.921
 33.267
 15.156

 -0.660
  0.490
  0.570
-117.920
 -14.880

  0.617
  0.786
  0.038
 -11.332
 -4.384
```

142.9

+15

-15

-4

DQ I-II

1194 3 48.5 +12 54 B8p

24155

4.80 -06 -48 +11 33

65 -014 114 440 2.766

110 443

220

+16.3 017 595 643

+00185 -025 -1.25

+00170 -0235

+00184 -017 26

+00170 -016

+0249 7.25 +0248 6.00

+026-026 +026-019

1194.000*

3.000*
48.500*
12.000*
54.000*
0.026*
-0.026*
7.250*
281.838
16.300

0.015
0.858

18.079

-0.174
0.058

-47.983

0.005
-0.511

-7.024

29Tan 1150 +0018 1157 1156 +0015 -0116 (W)

1153 Y 3 43.0 +5 53 B3 E (NO)

0225 024 -014

23446 2.4 5.32 -11 -62 5 Cu+

4505 -035 +084 +316 (3) 2628 (3)

168 489

5.25 -0120 21.6

+0191

+0225

+024 -014

+17 6

49 2.64 +056 36

5.1 1.1

2.64

635 -065 0.0326 0.080 335 160

E = +09

V0 = 5.05 (4.95) 7.5

B-V0 -20

2-B0 -68

MV -1.9

2733 2678 055

-022 084 320 2.687

1153.000*

3.000*
43.000*
5.000*
53.000*
0.016*
-0.010*
7.29 6.950*
285 245.471
17.000

0.014
0.805

+17 17.102

-0.086
-0.018

-25 -21.340

0.022
-0.593

-4 -4.806

1207 3 52.3 +47 44 BLV

24504

5.38 -08 -48 (2)

B +04

-027 100 478 2.721
55 483
194
(6)

5.2 V0
-5
5.55

M_V = -0.85

+0824 -0158

+0214 -018

1st FRY

+0020 -024 66 +9.8 6

+0018 -0215 FRY

+0183

+017 -024

+0142

+021 -013

+3.9
+47
+31
-13
6.05
+9.8

1.2 + 2.8 - 0.5 =

-0.17 3.63 2.72 1.21 +0.81 1.50 -0.20

2.44 9.86

0.88 -0.01

-0.16

1.55 -0.88

+0.11

-0.88

1.55

-1.05

2.44 4.44 +0.20 -0.24 8.54 1.55 0.88

-0.16

1.50 +0.81

-0.20

0.88

-0.01

2.44 9.86

-0.17 3.63

1.55 -0.88

+0.11

-0.88

1.55

-1.05

2.44 4.44 +0.20 -0.24 8.54 1.55 0.88

	3.900
	47.750
1207.000*	31.000
	-13.000
3.000*	6.050
52.300*	162
47.000*	9.800
44.000*	
0.017*	
-0.024*	0.399
5.950*	-0.252
154.882	0.882
9.800	54.915
	17.548
0.061	
0.880	-0.655
	0.594
18.063	0.466
	-101.375
-0.120	-11.873
0.469	
	0.641
-14.003	0.764
	-0.072
-0.036	16.291
-0.076	1.935
-6.314	

6.05
142

1217 Sr 3 52.4 −12 15 3.12

24712

+8

5.58 +0.825 +0.022 B

191 222 6.8 2.28 S

2.18 6.32

Δ[m1] = +004 Δ[c1] = +020

Δ[c1]' = +048

M_V = 2.15

0
−0.10

−0040 −047 GC+ ±5.0
−33 −18

−00433 −0484

−0635 −0.231
25 51

+224

−041−051

	1217.000+
	3.000+
	52.900+
	-12.000+
	-15.000+
	-0.061+
	-0.051+
24	3.450+
38	48.978
	22.400
	-0.271
	0.657
+4	1.466
	0.020
	-0.279
-5	-5.255
	-0.262
	-0.701
-26	-28.508

2.5 kg L = 0 km + 20.2

1244 8 59.0 -1 42 B50

25340 13.79

5.28 -15 -55 C E-003

624

-076 111 485 2.708

097 450

194

644

5.2

1.15

6.35

13.96 0.063

7.20 +131

-0139

+00145 -0

0217

+0210

+023-016

NV

6866 15908

7270 8079 +565

6.05

1244.000*

3.000*
59.000*
-1.000*
-42.000*
0.023*
-0.014*
6.350*
186.209
13.500

0.008
0.773

11.925

-0.120
-0.163

-24.589

0.042
-0.613

-0.454

B25 V

1258 4 01.2 -20 17

25631 6.45 -15 1.19

-20.764 -077 099 174 (3) 2654

085 189

+20.0 E +05 170

359

+021 -009

8.4 $m_V = -2.1$

WB

-0008 -0084

-0112

-004 -011

2.646 191 049 (4.47 -0.84)

073 208

146

354

1258.000*

4.000*
1.200*
-20.000*
-17.000*
0.001*
-0.009*
8.400*
478.630
20.000

-0.029
0.575

-2.521

-0.031
-0.396

-22.618

-0.007
-0.716

-17.439

12 58 4 01.4 20 17 42.8

24.771 24.468 3.9 t0014 ± 10.0 +0102 ± 5.1

35.67 2.9

61.4888

3447

24.492 69.93 42.89 18.372 50.41

5 +8 4.072 9.88

497 42.81 24.444 40.53

12 1.53

457 4208

+19 +12

476 41.96

2034

24.471 42.36

19 +8

490 42.18