

Beranda * 17 55.4 + 0.4 R3 M5-D

+403561

9.54 + 1.75 + 1.80 (6)

8.09 + 1.26 (5.87)

(7.5)

^{2.74}
-200 + 10250 (11) 10.8

(75)

558(140)

19555

22 V W
+135 - 4 + 5

M_{Red} + 10.8

34

0.000*

17.000*

55.400*

4.000*

33.000*

-0.751*

10.274*

-3.710*

1.811

-106.000

26.674

-0.833

136.594

32.659

0.498

W10392 17 55.4 +4 33 21m5 -108R

+4°3561

9.53 +1.71 +1.29 m5V

-.22 +10.27 cm

-.25 +10.31

999

ⁿ
8038 -1080

R-I
1.23 slit

10.2745

553A (20)

545M (12)

5557 (12)

5097 (7)

579 (7)

¹¹⁶
-689 ± 1 +10.256 ± 1 m6R

-701 ± 1 +10.244 ± 4 VR

⁴⁷
-418 10.316

-736 10.314

545 ± 3

-1 0 079557 - .25 +10.31 -108 +0.814 -9 48.202

- .250 .814 00 -3.554 3.857 -107.6 0 +108 .55

-6 +115 +80

+138 +5 +23

$\pi = 500$

-468 +10254

-6 +114 +72

1.8349 gm

+130 0 +20

+50 +551 -823

+502 +707 +448

-864 +442 +222

-1905 +268643

-1.9126 1344317

+3.2418 +21.5234

-1648 +2.47888 +26.6160 +90.0 = +138.8

+1.6547 +3.43630 +32.7083 +10.0-5.38 +6.2

+2.8779 +0.44830 24.3309 +44.6-26.1 +18.5

+26.6738 448.5 +90.0 +138.5

+32.5191 +59.1 -53.7 +44

+24.8177 +45.1-26.1 +19.0

443561

17 50.7

+4 17 25

799

44098 B

17 55.424.4

+4 16.37

W10342

- 553 A (20) —
- 545 M (12)
- 552 Y (12)
- 509 YK (7)
- 518 W (7)
- 550 S (8)
- 558 V (16)
- 524 C (7)

9.53 + 1.74 + 1.29 MS $\sqrt{\quad}$

- 102.8 W12
- 111 Md3
- 128 L2

Ban

553

-108 C
~~-110.8 ± 14 OC W~~

van de Kamp -689 +10.256

9.53 MS + 11.0
+ 0.545

-0.689 + 10.256

8.09 + 123 R

Barnard's star
 Cydonia
 Sp. B. Unresolved asteroid.
 binary.

-12.4935

18

01.4

-12

03

177

Y 4156

18

6.743⁰

-12³

2.10

7218

21 M(8)

53
26

953 W

+7 days

td: 1 ± 1.6 06W
max

ML-AL +063 -202

-1.7 100W

9.6 42494

+0.063 -0.202

+024 -239 L

915
827
635

1.8 147W
1.5 200W
0.

160-210 +1.5
19

35

177.000*

18.000*

6.700*

-12.000*

-2.000*

0.060*

-0.210*

1.900*

23.988

1.500

-0.264

-0.952

-7.756

-0.685

0.299

-15.982

-0.730

0.063

-17.417

35

ADS 11046 18 02.9 +2 31

-7.20

+256 -1.09766

+256 -1.10000

.2061

+0174 ⁴⁵ N30

+0172 ± 1.0 0c → N30

+0173 -10965 N207

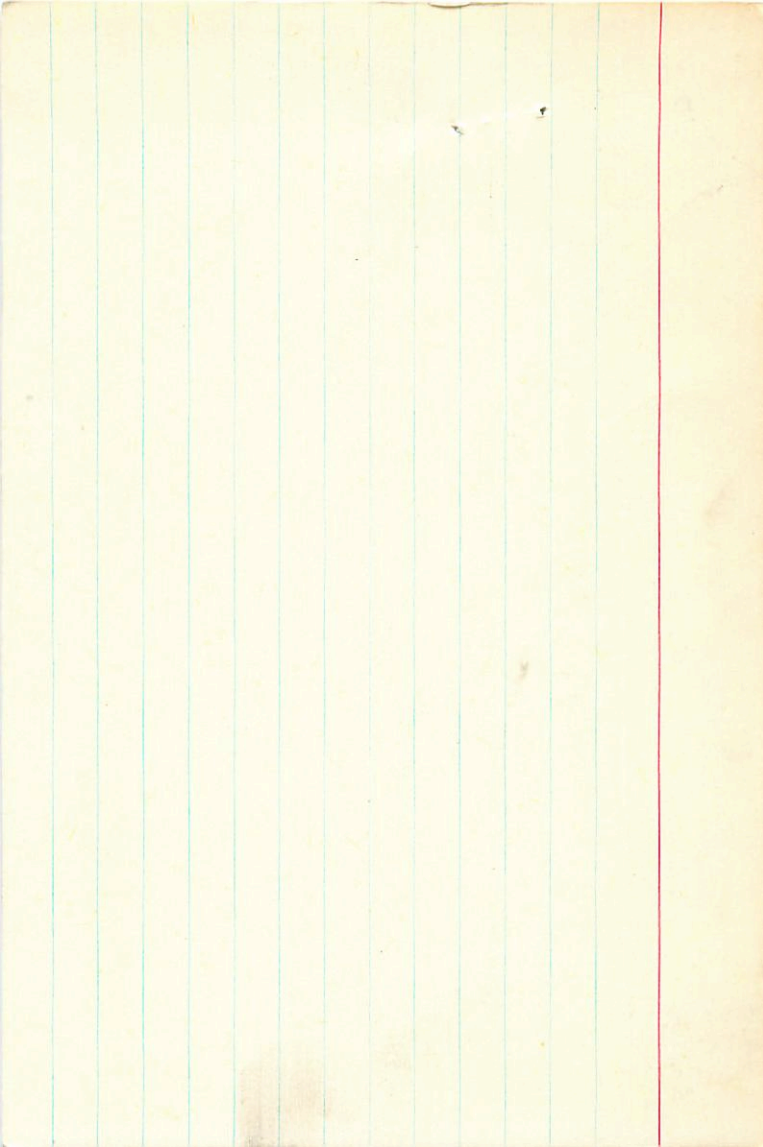
~~N208~~

+2592

-7.2

230.11924

-1.4



20 ph

165314

GL24641

A0511646A

W10531 B

+203482

44137

-6 -21 -19 .183

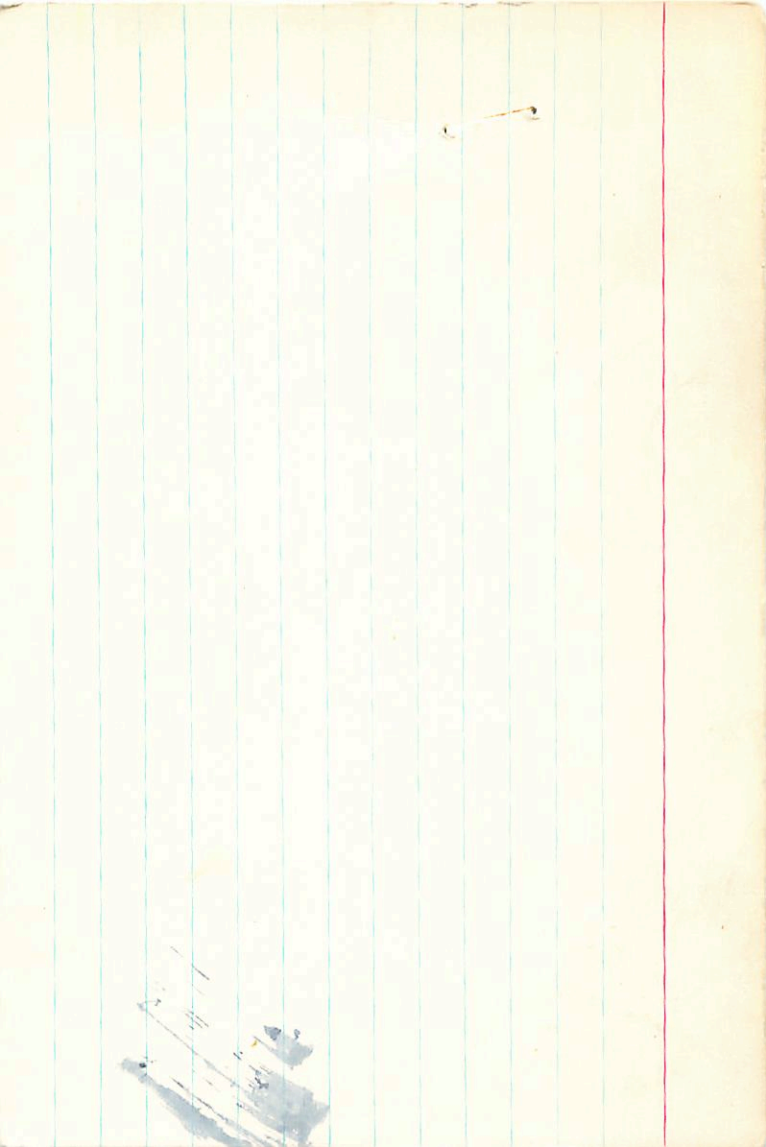
+256 -1.097

18 02.9 +02 31 d(1) -7.2e
b(21)

4.02 +0.98 +0.51

$\delta = .01$

18854



w1012
H0165401
G-224647

→ E. L. R. R
→

213 287000 ± 9.5 -309 ± 10.0
0024 -329

03.2 + 0Y 39 dF7 -123.58 Y(ews)

0.79 + 0.63 + 0.04 G-22E

+403589
+44135

S = .13

9.233 16075
657 270
590 157
9.240 157 367

1402.0
+4 34 22.47 -018 -309 G.C
14.83
37.20 -029 YR

51A(20)
39M(18)
30Y(10)

129
9.215
-095
26.99 1933.8
26.99
10.46

100M 314 (under) -120.4 (under)

115-120

-021
314

1204

38
1.526
29

-1 0 0 1 -0.80 -310²² -123.5²² 0 0 -1.470²⁹
-0.20 0 0 0 -0.95² 0 -123.5² 0 +124
050

0 109 -14

-1 -56 -22

2 -20 -14

0 169 -10

-1 -56 -16

2 -20 -10

-2 +124 -29
+95 -79 -32

-2 +124 -21

+99 -73 -25

-3

04

+13.3578 18 09.4 +13 53 179

18 13.7445 +13 54.94

W 10729 +4193.2
61 M(7)

+11 R 2W
dmo

MC-AL. +098-491 493 V

007 -510 S
09A

+0098-0.491

10.3410 +8.1

98
-500
1.50
11

36

+45 2688 18 12.4 +45 29 801

18 15 6.9 +45 31.24

122

3178
Jan. 7

-135 328

McC-AC -1006 +1330

3141

10.1 MO +9.3

-031 245 L

0027
lead

-019 314

0416

~~444~~

320

-51

318

288

-045

041

1.91

1519

964

+44

1.20

1519

1.89

-35

R.A.	:	18.250
DEC.	:	45.500
PM. R.A.	:	-81.000
PM. DEC.	:	318.000
DISTANCE	:	1.200
MODULUS	:	17
RAD. VEL.	:	-38.000

q1 (U)	:	0.124
q2 (U)	:	0.957
q3 (U)	:	-0.262
dU	:	1409.090
U	:	34.461

q1 (V)	:	0.462
q2 (V)	:	0.178
q3 (V)	:	0.869
dV	:	144.500
V	:	-30.497

q1 (W)	:	-0.878
q2 (W)	:	0.229
q3 (W)	:	0.420
dW	:	581.403
W	:	-5.865

37

44201

+2603215

10766

18

15.8

+26

38

9.2

-44201

① 488

+33 +0.9

9.54 + 1.04 + 73

25.510

m(10)

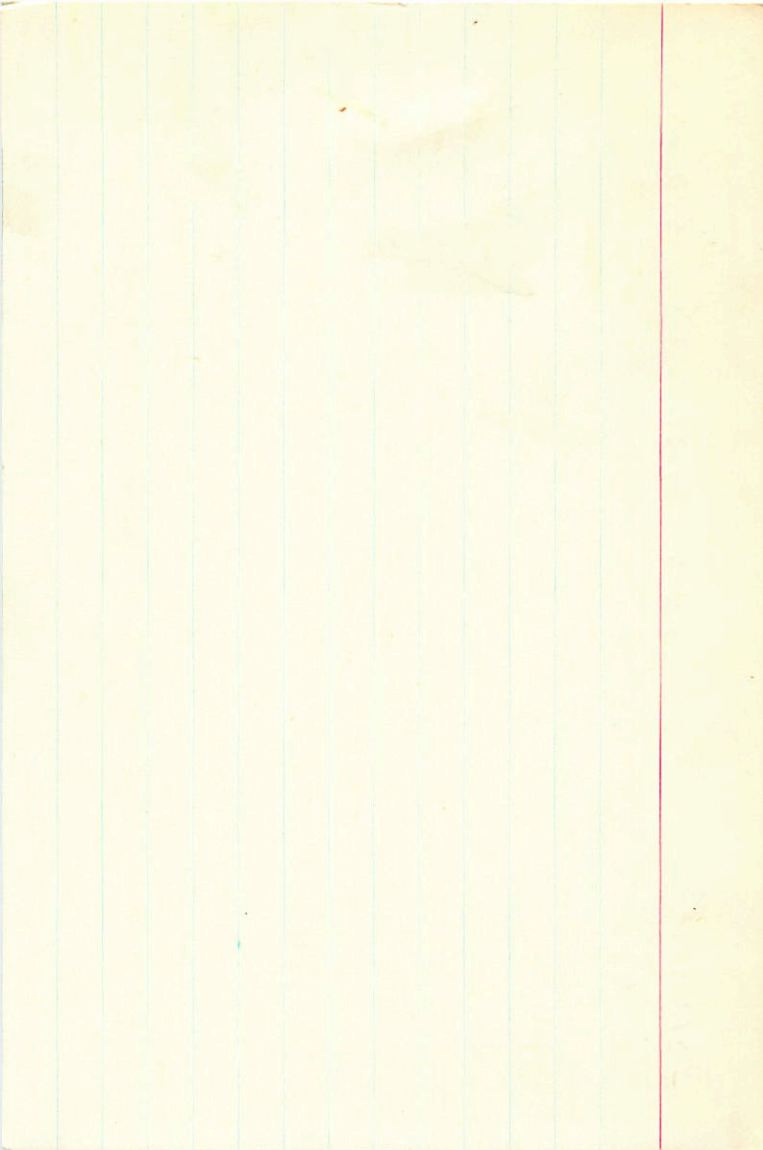
(11)

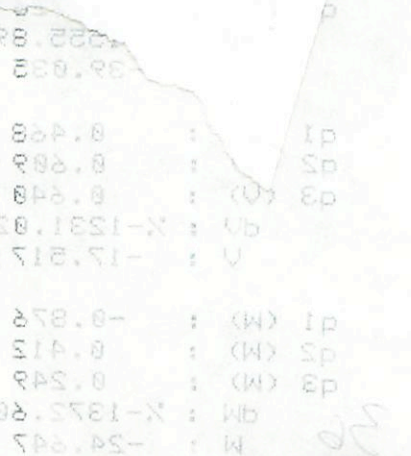
$$\begin{array}{r}
 +333 \\
 -5 \\
 \hline
 +328 \\
 -2 \\
 \hline
 +106 \\
 +1 \\
 \hline
 +107 \\
 0 \\
 \hline
 +104
 \end{array}$$

9.60 + 1.02 + 0.81

121

√160
991
+333
+97





878.0-	:	(W)	1P
314.0	:	(W)	2P
942.0	:	(W)	3P
8.2781-N	:	WB	
746 42-	:	W	
718.71-	:	V	
0.1521-N	:	UB	
0.45.0	:	(U)	3P
988.0	:		2P
0.400	:		1P

em

R.A. : 18.200
DEC. : 13.900
PM. R.A. : 98.000
PM. DEC. : -500.000
DISTANCE : 1.500
MODULUS : 20
RAD. VEL. : 11.000

q1 (U) : 0.113
q2 (U) : 0.678
q3 (U) : -0.726
dU : % -1555.8
U : -39.035

q1 (V) : 0.468
q2 (V) : 0.609
q3 (V) : 0.640
dV : % -1231.02
V : -17.517

q1 (W) : -0.876
q2 (W) : 0.412
q3 (W) : 0.249
dW : % -1372.6
W : -24.647

36

170657
0-25274

W10974

4254
~~74574~~

-180481

JLW

18 28.4 -18 57

6.79 +0.86 +0.90 Mich
C023

-090 -195

136145

d160 -46.56
-47.7 W(3)
-50 and (1)
-38 L(2)

+40 -29 +7 .062
+40 -26 +7 .072

+7 082

+41 -26 +5 .075

144
195
046
-465

-140 -198
-12453 -205509
-134 -200

534(2)
874(12)
7357

Hyades

-0099±2.8 -198±3.2
-0093 -193

22.939
525
1596.7

-18 56 32.70 1898.1

Ph

23.467

+10.28
22.42

54601

28.215

89.94 1434.84
58.72

23.109

105
5
36

40.8

120 107

23.059 177

057

29.42
29.42
30.65- 1940.11
+4

499
37.5
39.4

088
102-379

30.61
30.02 -760

0.430	:	U
41.838	:	QU
-274.895	:	P3 (U)
-0.867	:	P2 (U)
0.178	:	P1 (U)
0.160	:	
-46.500	:	RAD. VEL.
13	:	MODULUS
0.490	:	DISTANCE
-195.880	:	PM. DEC.
-144.880	:	PM. R.A.
-18.630	:	DEC.
18.470	:	R.A.

R.A. : 18.450
DEC. : -18.950
PM. R.A. : -144.000
PM. DEC. : -195.000
DISTANCE : 0.490
MODULUS : 13
RAD. VEL. : -46.500

q1 (U) : 0.169
q2 (U) : 0.178
q3 (U) : -0.969
dU : -274.095
U : 41.638

0.436

~~-11.4672 18 25.4 -11 44~~

~~+4244 18 30 7420 -11 39.79~~

W11012 ✓
52M(17)
464(10)
536(18)

10.02 +1.28 +1.19 JR -8

35.9 mo.

+56 -87.5 +31

10.3

yale: -323 -245 -63 -162 +80

-1 -3
+3 +2

2.78

-0.321 -0.246

281
244 289
286 217
328 249

888

418

2780

574

(+6.4)

-301

-235

175

43.7

18 30.7 -11 40 AMO -83.76 W(3)

CC1091

10.02 +1.28 +1.19 J+K

W11012

-297

McR

Y4266

-286 ± 7

-217 ± 8

C.R

-1104672

-323 ± 10

-245 ± 11

Y

$\frac{-324}{-324}$

$\frac{-245}{-245}$

→ 0.0

-281

YR

-264

-260 Caper

+65 -65 +26 .050

-29 -29 sin

+62 -74 +32 .040

-323 ± 10 -245 ± 114

+67 -59 +21 .050

5-24(17)

+68 -55 +14 .060

47Y(10)

52C(15)

50 ± 6

39

17.819	:	M	
217.735	:	GM	
-0.051	:	d3 (M)	
0.499	:	d2 (M)	
-0.885	:	d1 (M)	
-03.489	:	v	
-1557.9	:	vb	
0.359	:	d3 (v)	
0.832	:	d2 (v)	
0.439	:	d1 (v)	
82.371	:	u	
-1089.843	:	qu	
-0.237	:	d3 (u)	
0.281	:	d2 (u)	
0.189	:	d1 (u)	
-83.789	:	RAD. VEL.	
32	:	MODULUS	
1	:	PM STAFF	
1	:	PM. R.A.	
-301.000	:	DEC.	
-111.000	:	R.A.	
18.000	:		

32

R.A.	:	18.500
DEC.	:	-11.650
PM. R.A.	:	-301.000
BM. STANEE	:	-235.000
MODULUS	:	22
RAD. VEL.	:	-83.700

q1 (U)	:	0.180
q2 (U)	:	0.301
q3 (U)	:	-0.937
dU	:	-586.843
U	:	65.251

q1 (V)	:	0.430
q2 (V)	:	0.832
q3 (V)	:	0.350
dV	:	%-1527.6
V	:	-63.489

q1 (W)	:	-0.885
q2 (W)	:	0.466
q3 (W)	:	-0.021
dW	:	717.732
W	:	17.819

39

803.000±

18.000*

31.200*

22.000*

17.000*

-0.185*

-0.485*

1.750*

22.387

37.000

-1.936

-0.608

-65.861

-1.511

0.757

-5.819

39

-0.143

0.238

5.620

172393
25503
11101

18 36.5 +42 37 8.7 d110 +32.08

+0259±5.6 +065±4.4
70270 +061

27.576 1406.6 +42 379.36 1900.2

$$\begin{array}{r} -1.124 \\ \hline 26.452 \end{array}$$

$$\begin{array}{r} -324 \\ \hline 6.12 \end{array}$$

+1.290 +068

$$\begin{array}{r} 27.06 \\ \hline 15 \\ \hline 095 \end{array}$$

8.34 + 82 + 362 = 204

$$\begin{array}{r} 8.33 \\ -33 \\ \hline 7.97 \end{array}$$

$$\begin{array}{r} 639 + 41 \\ \hline 1.90 \end{array}$$

48 A(20)

24m(6)

2 New group

84305
172582 18 39.8 -50 13 -32.5 ± 1.05 (4)

707613 9.32 ± 0.69 0.52

Handwritten signature
-076 -075 ± 6 -151 ± 2 CR

-073 -179 ± 6 CR

$$\begin{array}{r} -0075 \\ + 14 \\ \hline -0061 \end{array}$$

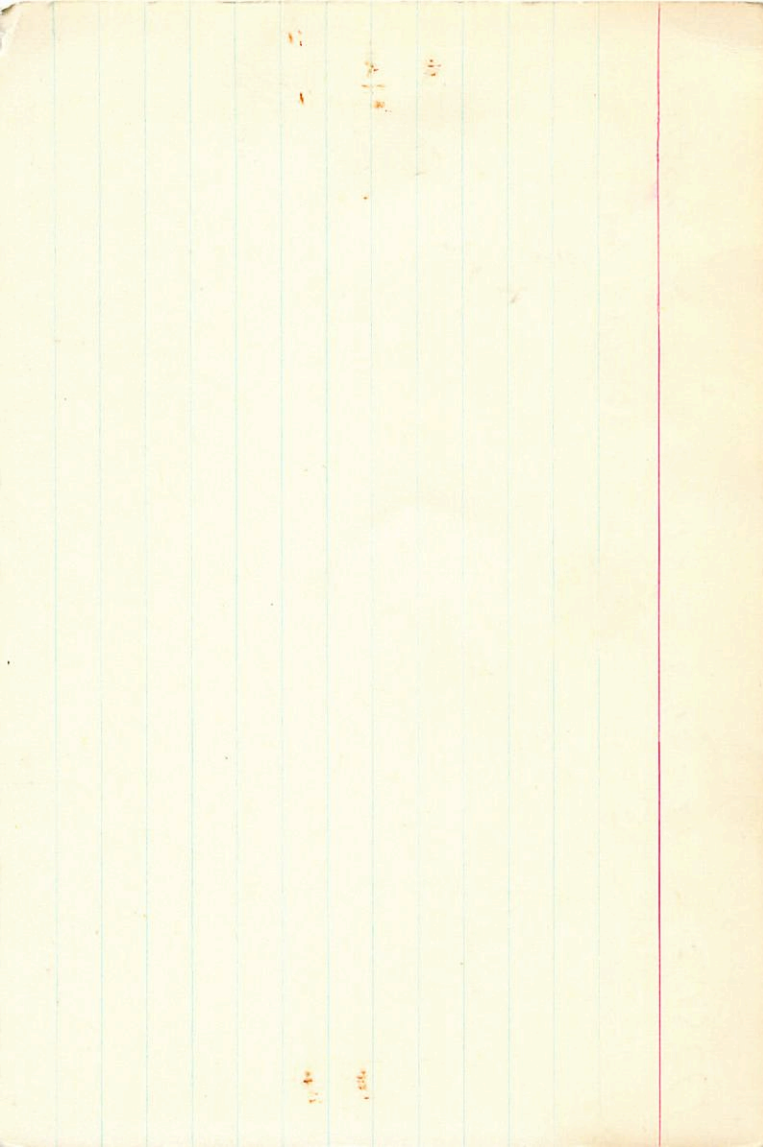
932 426 211 264
48 / 198

Handwritten mark

9909

+4.79

50



759.1915 ^{0.273} 18 41.2 759 26 184

Y4330 18 41.7 759 29
18 42.532.1 759 32.10

ADS11632 A, B:

1.5m = 0.8 17" binary

WD114314 HD173739
HD173740 GC 25648
GC 25649

~~288 M(8)~~ 288 ± 3.5
~~286 YK (10)~~
~~256 S (7)~~
286 V (16)
263 Lo (3)
277 ± 5

8.90 + 1.54 + 1.11 5M + 1C dmy 72.6WS - 4nd1
9.69 + 1.59 + 1.14 5M + 14C dms + 16.5WS + 3nd89
MS

8-5.4 ^{31.6} 0.6W
mcy

9.0 M2 + 11.2

018-2456 -1.329 +1.896

A -6.3 106W
B -2.4 106W

Increase the rel. parallax
the mean for the 2 components

731
139
592
2274
81

1832.17 1344 12.42 3 Σ
1869.15 143.6 15.83 6 Δ
1905.05 151.0 17.04 6 β
1910.91 152.2 17.04 40 -
1918.59 153.4 17.04 50 -
1924.91 154.6 16.81 51 -

-1.300 +1.820 VR
-1.336 +1.800 VR
-1.813 +1.840 Y
-0.1727

0.0

-2.22 768 +1.07
8.38 +11.45
143
900
149
651
873

-1.315 +1.846

708 W 1388

40

184.000*

18.000*

41.200*

59.000*

32.000*

-1.315*

1.846*

-2.220*

3.597

0.000

7.148

-0.013

25.713

-3.223

0.911

40

-11.593

7.344

0.412

26.422

A0511696

+0094 ± 4.2
+0083

~~710~~
~~44~~
~~34.5~~

~~1885.5~~

174080 18 46.1

+10 42

8.0 dny -17.9 6

25770

(7010)

7.457

1892.2

+10 41

39.5 1885.5

Vynoz

11248

-8.43

4,914

+0088 -435607

28.5

68.09

50 ± 6

7.306

492

+132 -432 -179

44.56

1939.57

(11th April)

313

492

+134 -432

44.56

1939.57

(11th April)

313

492

+134 -432

44.56

1939.57

(11th April)

806.59

+332

(40.1)

1212

1925.1

46.7

11248

1064.5

7.230

49.24

48.02

46.8

11248

1064.5

7.230

49.24

48.02

46.8

11248

1064.5

7.230

49.24

48.02

46.8

11248

1064.5

7.230

49.24

48.02

46.8

41

174080.000*

0572
1.21

18.000*

46.100*

10.000*

42.000*

0.134*

-0.432*

1.500*

19.953

-17.900

-1.141

-0.737

-6.7

-9.557

-1.043

0.669

-30.2

-32.788

471

-1.486

0.096

-27.7

-31.368

-0295 +7.3
-0296

~405 ± 8.0
-422

23 9.1 dmi -16.78

229590

18 46.7 +17

-0290
0293

-424
-426

25783

23 14.38 1406.5 ~~410~~

39.997 1906.0

+17

23 14.38 1406.5

1406.5 ~~410~~

725 $\frac{1.298}{41298}$

17.78
 $\frac{17.78}{32.16}$

585 $\frac{41298}{84806}$ $\frac{1051}{1051}$

17.78
 $\frac{17.78}{32.16}$

40.313 1092
0

17.74 1939.57
 $\frac{11}{17.55}$ 4278

34.220 $\frac{40.586}{6580}$
6580 - 759

25.6

17.55 4278
 $\frac{11}{17.55}$ 4317

40.803 $\frac{803}{803}$

89.666
89.666

62.68
60.34
 $\frac{60.34}{8.30}$
 $\frac{8.30}{8.30}$

44.7 1423.6
3898
23.114

31.6
 $\frac{25.5}{31.6}$

-4.75
-4

21.39
21.39

21.47
21.47

21.39
 $\frac{21.39}{9.7}$

2493 -10.7

409 419
-424
-419 107 204

42

889.0- : (M) 10
888.0 : (M) 10
887.0 : (M) 10
886.0 : (M) 10
885.0 : (M) 10
884.0 : (M) 10
883.0 : (M) 10
882.0 : (M) 10
881.0 : (M) 10
880.0 : (M) 10

880.0 : (M) 10
879.0 : (M) 10
878.0 : (M) 10
877.0 : (M) 10
876.0 : (M) 10
875.0 : (M) 10
874.0 : (M) 10
873.0 : (M) 10
872.0 : (M) 10
871.0 : (M) 10
870.0 : (M) 10

869.0 : (M) 10
868.0 : (M) 10
867.0 : (M) 10
866.0 : (M) 10
865.0 : (M) 10
864.0 : (M) 10
863.0 : (M) 10
862.0 : (M) 10
861.0 : (M) 10
860.0 : (M) 10
859.0 : (M) 10

858.0 : (M) 10
857.0 : (M) 10
856.0 : (M) 10
855.0 : (M) 10
854.0 : (M) 10
853.0 : (M) 10
852.0 : (M) 10
851.0 : (M) 10
850.0 : (M) 10
849.0 : (M) 10
848.0 : (M) 10

847.0 : (M) 10
846.0 : (M) 10
845.0 : (M) 10
844.0 : (M) 10
843.0 : (M) 10
842.0 : (M) 10
841.0 : (M) 10
840.0 : (M) 10
839.0 : (M) 10
838.0 : (M) 10
837.0 : (M) 10

836.0 : (M) 10
835.0 : (M) 10
834.0 : (M) 10
833.0 : (M) 10
832.0 : (M) 10
831.0 : (M) 10
830.0 : (M) 10
829.0 : (M) 10
828.0 : (M) 10
827.0 : (M) 10
826.0 : (M) 10

R.A. : 18.750
DEC. : 17.400
R.A. : -429.000
DEC. : -419.000
TANCE : 1.070
DULUS : 16
VEL. : -20.400

1 (U) : 0.236
2 (U) : 0.713
3 (U) : -0.660
dU : % -1874.894
U : -17.230

q1 (V) : 0.395
q2 (V) : 0.550
q3 (V) : 0.736
dV : % -1858.965
V : -45.440

q1 (W) : -0.888
q2 (W) : 0.435
q3 (W) : 0.152
dW : 859.508
W : 10.959

U2

Need (W) $+10.3724$ 18 48.1 $+10.48$ 187

50.3
 18 $52.634.1$ $+10$ 55.24

$5''$ 44377.1 52 MIR
 ~~$62240V$~~

$61V(10)$
 $41.7.7.2.2$ $60W$
 $27.7.2.2$ $60W$

-22.0 $106W$ 807
 -26.7 $106W$ 807

61.6
 41.6
 10.2
 -23.8 $306W$ 9.3 $M0$ $+8.3$
 -24

~~$way 1509$~~ 412 -01

$+0.009$ MIR $+0.017$ $+114$ VVR

$19.6.31$ 13.8 5.17 10 $plate$ $M0$

$+0.120$ -0.010 $?$

26.23 9918 12.23
 -9150 -12.50 $+0.736$ 8114
 0.0

$M0$ 12.2
 $+15$ $+115$ -23.8
 0.8

43

1890
1891
1892
1893
1894
1895
1896
1897
1898
1899
1900

187.000*

18.000*

52.600*

10.000*

55.000*

0.815*

0.115*

0.800*

14.454

-23.800

0.364

-0.728

22.583

0.369

0.682

-10.897

78.142-393 18 48.5 +08 14 188

✓ 12.85 Ayl 18 53 3.8 18 21.30

MAN-204 1P 205 135 093

A.S. 94 093

100

110

ALC-ALC +106-079

10.5 112+91

-001

-030

098-001

100 -014

-13.8

1173 ✓ 10.3 d
15 min = 0

Y = -150

0.0073

0.0080

1.23 x 10⁻¹²

0.99-040

0.96-001

100 -014

171

5

P_{avg}

R.A. : 18.900
DEC. : 8.350
PM. R.A. : 100.000
PM. DEC. : -61.000
DISTANCE : -0.300
MODULUS : 9
RAD. VEL. : -13.500

6.9

q1 (U) : 0.269
q2 (U) : 0.599
q3 (U) : -0.754
dU : -47.208
U : 9.767

9.3

q1 (V) : 0.374
q2 (V) : 0.656
q3 (V) : 0.655
dV : -14.402
V : -8.970

q1 (W) : -0.888
q2 (W) : 0.458
q3 (W) : 0.048
MW : -548.729
W : -5.423

44

44

18710

-0140 ± 7.5
-0147

-1.221 ± 0.4
-1.247

1708

176029 18 55.6 ± 0.5 51 9.7 dm ± 18.86

-0186
12211

26042

11412 33.685 1901.2 ± 5 51 23.45 1897.1

153493

683
34,368

64.59
28.574

46
80

34,3601
41
3602

5766 1486

1922.5

20.61

13 502

34.112

-57
055

184
+585

203

1214

0.0

+198

1139

35.680

1312

1312

1312

1312

1312

1312

41
60

14

14

14

14

14

14

14

14

14

27

27

27

27

27

27

27

27

27

27

57.6

57.72

55.32

130

56.13

56.49

56.49

56.49

56.49

56.49

518

259

767

38.34

50.20

1929.0

20.5

1202 - 1.214

37.304

20.18

45

18.988
5.858
- 203.888
- 1219.888
8.888
18
18.888

8.269
8.588
- 8.779
- 3527.327
- 49.926

8.374
8.684
8.626
- 4312.232
- 31.355

- 8.888
8.468
8.828
- 1886.995
- 17.558

MS

+33.3339 19 03.6 +33 50 192
5.2 +33 54
Y 4466 19 7116.0 +33 59.25 10115

W11614 53 M(10)

~~+226 2W
dnc~~

-069 M 5.30
-085 +057 AGND 7.9

110

Exp 877:

EBday -06 +08

+4.2 10CW

-0.060 to 0.080 +14

-92
+57
1.98
+8.7

46

192.000*

19.000*

7.100*

34.000*

0.000*

-0.060*

0.000*

1.700*

21.878

~~14.000~~

0.235

-0.406

-0.543

RAD. VEL. : 8.788
 MODULUS : 25
 DISTANCE : 1.250
 PM. DEC. : 57.888
 PM. R.A. : -92.888
 DEC. : 34.888
 R.A. : 19.188

d1 (U) : 0.312
 d2 (U) : 0.328
 d3 (U) : -0.488
 dU : 119.027
 U : -0.924

d1 (V) : 0.312
 d2 (V) : 0.328
 d3 (V) : 0.828
 dV : -44.128
 V : 0.992

Handwritten mark

d1 (W) : -0.882
 d2 (W) : 0.418
 d3 (W) : 0.288
 dW : 433.188
 W : 15.388

R.A. : 19.100
DEC. : 34.000
PM. R.A. : -92.000
PM. DEC. : 57.000
DISTANCE : 1.950
MODULUS : 25
RAD. VEL. : 8.700

q1 (U) : 0.312
q2 (U) : 0.858
q3 (U) : -0.408
dU : 119.027
U : -0.624

46
q1 (V) : 0.345
q2 (V) : 0.298
q3 (V) : 0.890
dV : -44.158
V : 6.662

q1 (W) : -0.885
q2 (W) : 0.418
q3 (W) : 0.203
dW : 433.106
W : 12.396

+24.3692 19 09.3 +24 38 193

19 13 14.2 +24 48.03

-912-6
Jan

237 192

10.3 MB + 8.6

Nov 735 +.23 +.23

241

192

1.60

27112

...

47

19.380 : R.A.
 24.800 : DEC.
 281.000 : PM. R.A.
 192.000 : PM. DEC.
 1.000 : DISTANCE
 21 : MODULUS
 -71.200 : RAD. VEL.

0.333 : p1 (U)
 0.778 : p2 (U)
 -0.222 : p3 (U)
 1082.897 : p4
 00.494 : U

0.329 : p1 (V)
 0.432 : p2 (V)
 0.339 : p3 (V)
 793.213 : p4
 -40.889 : V

Handwritten mark resembling a stylized 'N' or 'X'.

-0.383 : p1 (W)
 0.433 : p2 (W)
 0.112 : p3 (W)
 -277.897 : p4
 -20.099 : W

R.A. : 19.200
DEC. : 24.800
PM. R.A. : 261.000
PM. DEC. : 192.000
DISTANCE : 1.600
MODULUS : 21
RAD. VEL. : -71.200

q1 (U) : 0.333
q2 (U) : 0.778
q3 (U) : -0.532
dU : 1082.865
U : 60.494

q1 (V) : 0.329
q2 (V) : 0.432
q3 (V) : 0.839
dV : 763.513
V : -43.809

q1 (W) : -0.883
q2 (W) : 0.455
q3 (W) : 0.112
dW : -577.897
W : -20.069

27

1076 1702

8116.84

8545908

DM3 12th

19 15.5 + 85.4

1044(3)

8420

334

5485
-5395

-078 +184 AGNY

-167 +161 Yob

v974ker

~~24~~ ~~488~~

856.84

076773
-058 160

0425(2)

9.86 106 092

9.76 104 094 94.6

040(3) ~~040~~

(169)

WFT 1464 19 17.1 -45 37

4.61 - 2.87

352	-232	-906	41.0178	+3.1561	44.1739	+24.7
315	940	-118	+5.108	-12.7876	11.6968	-20.3
-880	243	-405	-2.5444	-3.3057	-5.8501	-34.6

Bl 756

19

19.8

228

SP

-31.6

G-185-14

0.94

851 257

19.3

228.6

969

257

1.85

-31.6

10.57 86 0.94

10.52 87 0.94

48

18

21

~~19.300~~
28.600
969.000
251.000
1.850
23
-31.600

0.354
0.000
-0.471
2390.389
70.927

0.314
0.372
0.874
1709.154
12.462

-0.881
0.456
0.122
-3007.091
-74.346

48

181433

19

20.2

-66

34

155

137.9

56

F01038

8.38 +1.04 2.18

2175611

-226 + 245

836 591 625 229 0

-226 + 237 CP

-236 + 234 → 66

(20)

~~737~~ + 240 →

~~2014~~

-230 + 237

→ 744

49

1870
1871
1872
1873
1874
1875
1876
1877
1878
1879
1880
1881
1882
1883
1884
1885
1886
1887
1888
1889
1890

1891

181433.000*

19.000*

20.200*

-66.000*

-34.000*

-0.230*

0.237*

2.000*

25.119

37.900

-1.000

-0.761

-53.949

49

0.607

-0.448

-1.735

1.040

-0.470

8.313

+3303433

CC1151 pg

20.5 +33 46

9.5 - 4166 - 630

11829

990 + 1.16 Egg

+09 +.70

1492

70

NW

+0084

+106 +724 M(R)

2nd

