

8114 21 12.2 -53 29 A7E -12.9

262103
AOLSE
COLSE

0:22V 814 ACUS (5304) 614 ACUS

③ 4566V 6882 933 9C1 511 2C5
APR 1 902 12.5

100 151 601
196

his
SND

+0.80
+0.99

6110 252004

Back 1

610-504
603-018

610-018
0280 0110

59
-18
5.52

10.9 8476 7754
5307 4703

0.354
0.097

8697

21 029 + 5 56 FP

201461

25591

Burton

467 + 26 + 09 J

147 242 755 @ SOC

711

R.A. : 21.200
DEC. : -53.500
R.A. : 59.000
DEC. : -18.000
STANCE : 5.520
MODULUS : 127
VEL. : -13.900

q1 (U) : 0.693
q2 (U) : -0.142
q3 (U) : -0.706
dU : 127.447
U : 26.013

q1 (V) : -0.005
q2 (V) : 0.979
q3 (V) : -0.201
dV : -84.395
V : -7.922

q1 (W) : -0.721
q2 (W) : -0.117
q3 (W) : -0.678
dW : -107.639
W : -4.246

117

8189

~~21 15.5 -17 40~~

~~6.9~~

202223

~~70x~~

~~203/48 743 2931~~

Country

705 120 1109

~~1814
+208~~

36

1

100

1034 1001

5.04

6.4

R.A. : 21.250
DEC. : -17.650
PM. R.A. : 36.000
PM. DEC. : 1.000
DISTANCE : 5.040
MODULUS : 102
AD. VEL. : -6.900

q1 (U) : 0.700
q2 (U) : 0.302
q3 (U) : -0.647
dU : 115.311
U : 16.210

q1 (V) : -0.014
q2 (V) : 0.912
q3 (V) : 0.410
dV : 2.094
V : -2.617

118
q1 (W) : -0.714
q2 (W) : 0.278
q3 (W) : -0.643
dW : -114.730
W : -7.251

8134

21 14.1 12

13 29

10

90902

6882 4411 811 820

1005 1002

1005 1002

1005 1002

1005 1002

1005 1002

R.A. : 21.250
DEC. : -13.500
. R.A. : -7.000
. DEC. : 2.000
STANCE : 6.000
MODULUS : 158
. VEL. : -1.000

q1 (U) : 0.700
q2 (U) : 0.348
q3 (U) : -0.623
dU : -19.300
U : -2.435

q1 (V) : -0.014
q2 (V) : 0.880
q3 (V) : 0.475
dV : 8.783
V : 0.917

q1 (W) : -0.714
q2 (W) : 0.324
q3 (W) : -0.621
dW : 26.099
W : 4.757

119

9 chand 202730
29819

21 16.3 -5.3 40

-14.58

8140 13390

4.43 +0.17 x 5.5

+102 -0720
+108 -0615

2msd

+0122⁹ -061⁹N30

+0129±5.6 -067±4.7 0.6 → N30

1.50

10
15519

120

2.6.12

107.39

276

8520

7916

1760
5210

8528

-6110

124 27.1

656 755 ✓
+785 656 -806 592 ✓ +105 -066 -145 053 +12 -145 ✓

+069 035 079 040 137 5-70 -8.6 -6 +6 032

-2 +23 +6

~~+28 +3 +6~~
+23 -6 +1

-2 +22 +6

033

+22 -6 +1

10

8110

2-1 16.8 53 40 44 12

202230

29819 15928 6 11

x009 4.7

-06440

23.5

1.296

212869

2.949 2.5

+01255

01188

-06553

+11

229

+19

-12

+1055

-1456

13 77

+164 -169

144

150

-59

141 08

085-054

147

DM 438

092 229 850 2.949

12.35

num 2.0

1782
542

4

568

3030

4

19194

105494

105494

120



8140.000*

21.000*

15.300*

-53.000*

-40.000*

0.104*

-0.069*

2.000*

25.119

-14.500

0.390

-0.690

19.929

-0.329

-0.204

-0.292

-0.299

-0.686

2.429

170

8162

21 17.5 + 62 22 A7 18-5

20380

2984

2.10

2.47 + 21 + 12 J

2805

2.46 020 1.267 [m 1 200 91.1]

125 150 936 @ 510

~~2.208~~

(FNS)

+02700 +0484

10.49
+1.44 306

+02.20831

2/13

+62.4

146.4

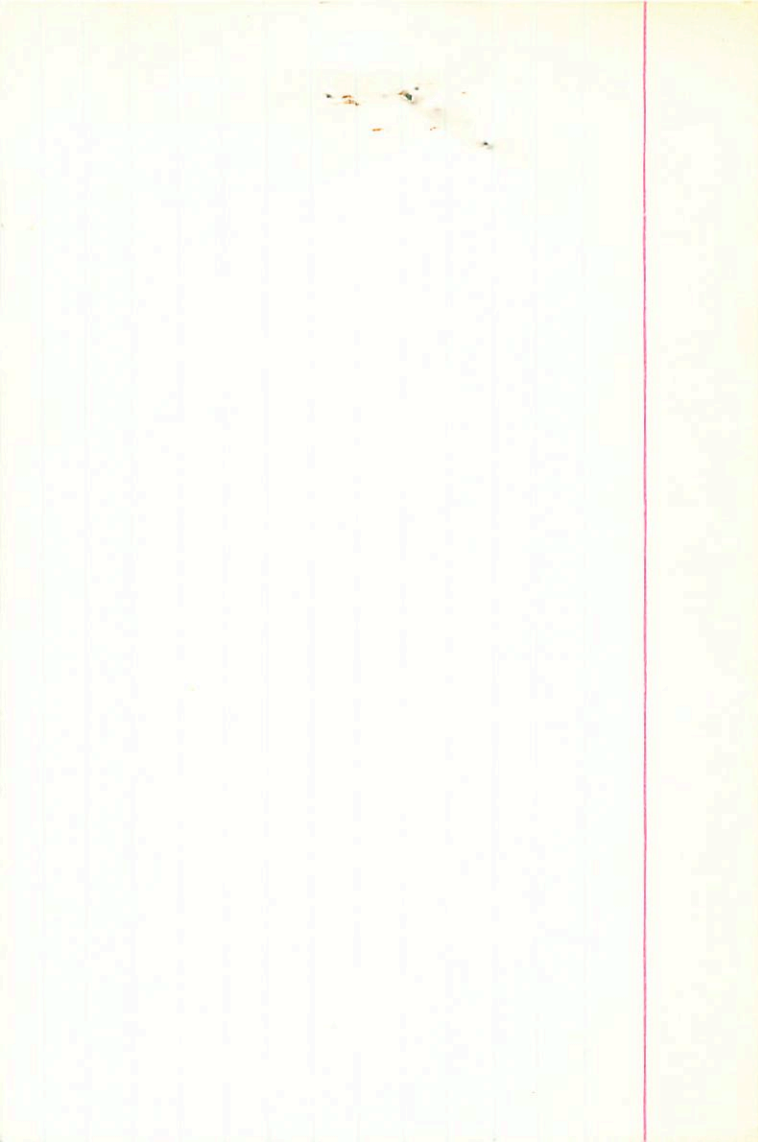
151 7040

324

500

~~1.25~~ -10

1.25
70



44

8162

21 17.4 +62

22

-10 17 pl

+0213 +050 N

+0206 +050 GV →

+0210 +050
.145

15.8 pl.

2.41 +23 +10

| | | | | | | | | |
|------|------|-----|-------|-------|-------|-------|------|-------|
| 706 | 682 | 150 | +4852 | +1616 | 6468 | +10.2 | -1.9 | +8.3 |
| -020 | -245 | 968 | -0137 | -0580 | -0717 | -1.1 | -9.7 | -10.8 |
| -708 | 688 | 161 | -4866 | +1630 | -3236 | -5.1 | -1.6 | -6.6 |

8120

21

-022 +006

R.A. : 21.300
 DEC. : 62.400
 M. R.A. : 326.000
 M. DEC. : 48.000
 ISTANCE : 1.250
 MODULUS : 18
 D. VEL. : -10.000

q1 (U) : 0.707
 q2 (U) : 0.681
 q3 (U) : 0.190
 DU : 661.241
 U : 9.864

q1 (V) : -0.022
 q2 (V) : -0.246
 q3 (V) : 0.969
 DV : -72.093
 V : -10.971

q1 (M) : -0.707
 q2 (M) : -0.681
 q3 (M) : 0.159
 DM : -349.073
 M : -7.796

W

22 499

+6134 = 1.0
+0124

+436 = 1.0
+429

AD514757

21 12.8 +37 50

-21.16

202444

+156 +431 H

29723

13360

Memberships
47582 7990.0 +37 490 52.24 1895.9

8630 7641

-697

+4 4124

WS

23.59

28.65

5052 6341

8630 7641

Plus

12.3 M³ 11
93

47.70

101 247

013 51

28.4

12.10

1925.15

1027.24

59 510

37.5

40.50

12.70

16.37

35.8

47.2 16

1064 160

41.20

+7

45.46

39.9

226

355

41.20

+7

45.46

16.81

222

470

41.20

+7

45.46

16.81

47.526

470

41.20

+7

45.46

16.81

-10

470

41.20

+7

45.46

16.81

516

47.326

44.14

-17

45.96

1937.2

-666 746 613 750 +158 +431 -211 264 -13 1.611

105176 118⁹⁴ 197 -436 1.353 -14.7 -12 +11 0440

-22 +43 +24

+48 -12 +23

20244

HR8130

G29723

21 12.8 +27 50 F044

3.73 +40 +35

676

768

256 165 607

21685

1000

1.80

+476 -12.5 +225

0.60

+1965 +360 +865

JG3 H23

2200

423

1.8

112

hr

RAD. VEL. : -21.100
 MODULUS : 20
 DISTANCE : 1.200
 PM. DEC. : 423.000
 PM. R.A. : 202.000
 DEC. : 37.820
 R.A. : 21.200

p1 (U) : 0.493
 p2 (U) : 0.710
 p3 (U) : -0.135
 q1 : 1227.325
 u : 41.825

p1 (V) : -0.805
 p2 (V) : 0.178
 p3 (V) : 0.284
 q1 : 323.223
 v : -13.205

p1 (W) : -0.221
 p2 (W) : 0.285
 p3 (W) : -0.157
 q1 : 811.123
 w : 18.822

20
 15
 5

R.A. : 21.200
DEC. : 37.850
PM. R.A. : 206.000
PM. DEC. : 423.000
DISTANCE : 1.500
MODULUS : 20
RAD. VEL. : -21.100

q1 (U) : 0.693
q2 (U) : 0.710
q3 (U) : -0.125
dU : 1957.395
U : 41.695

307
116
q1 (V) : -0.005
q2 (V) : 0.178
q3 (V) : 0.984
dV : 353.793
V : -13.702

22
116
q1 (W) : -0.721
q2 (W) : 0.682
q3 (W) : -0.127
dW : 811.193
W : 18.869

8174

27 15.4

~~450~~ 0.1

1.2

203501

612 030 1559

~~0036 + 002~~

~~009 + 002~~

57

2

609

-1.2

123

878

21 20.4

+ 6 36 A2

20352

032 159 1167 2892

1356

5M 105

5.16 +05 +07 L

030 148 1151 2889

5.18

040 130 1.143 2.889

037 169 1.155 2.881 - 4, 7, 10, 13

036 178 1.152 2.884 31

30

193

432

072 = a

002 = n

+0.55

4.0

Amplitude

1005 + 1010

105 + 1010

50

10

5.00

-11.1

643 + 1010
- 11.1

3m/5

175

350

1140

1790

1552

124

R.A. : 21.325
DEC : 2.388
FM : 22.080
R.A. : 19.888
FM : 2.000
DEC : 10.800
DISTANCE :
MODULUS :
AD. VEL. : -11.100

d1 (U) :
d2 (U) : 8.714
d3 (U) : 8.282
d4 : -8.488
d5 : 10.341
U :

d1 (V) :
d2 (V) : -8.031
d3 (V) : 8.123
d4 : 0.348
d5 : 21.222
U : -7.923

d1 (W) :
d2 (W) : -8.788
d3 (W) : 8.218
d4 : -8.428
d5 : -12.651
U : -9.322

MSY

R.A. : 21.350
DEC. : 6.600
PM, R.A. : 52.000
PM, DEC. : 10.000
DISTANCE : 5.000
MODULUS : 100
AD. VEL. : -11.100

q1 (U) : 0.714
q2 (U) : 0.539
q3 (U) : -0.448
dU : 200.311
U : 25.000

q1 (V) : -0.031
q2 (V) : 0.663
q3 (V) : 0.748
dV : 23.795
V : -5.923

q1 (W) : -0.700
q2 (W) : 0.520
q3 (W) : -0.490
dW : -146.651
W : -9.225

124

203705

21 21.5

-13 06

A91E

1007
457

F201274

8147

F201E m 24.2 ± 2.4 C

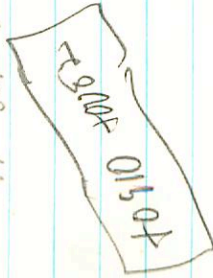
5.48 + 30 (1.59)

-8

13 m 48" 3260

49" 3210

opening



F201E

+0064 224 +0005 N30

+0064

+0011 RL →

+0064

+0008

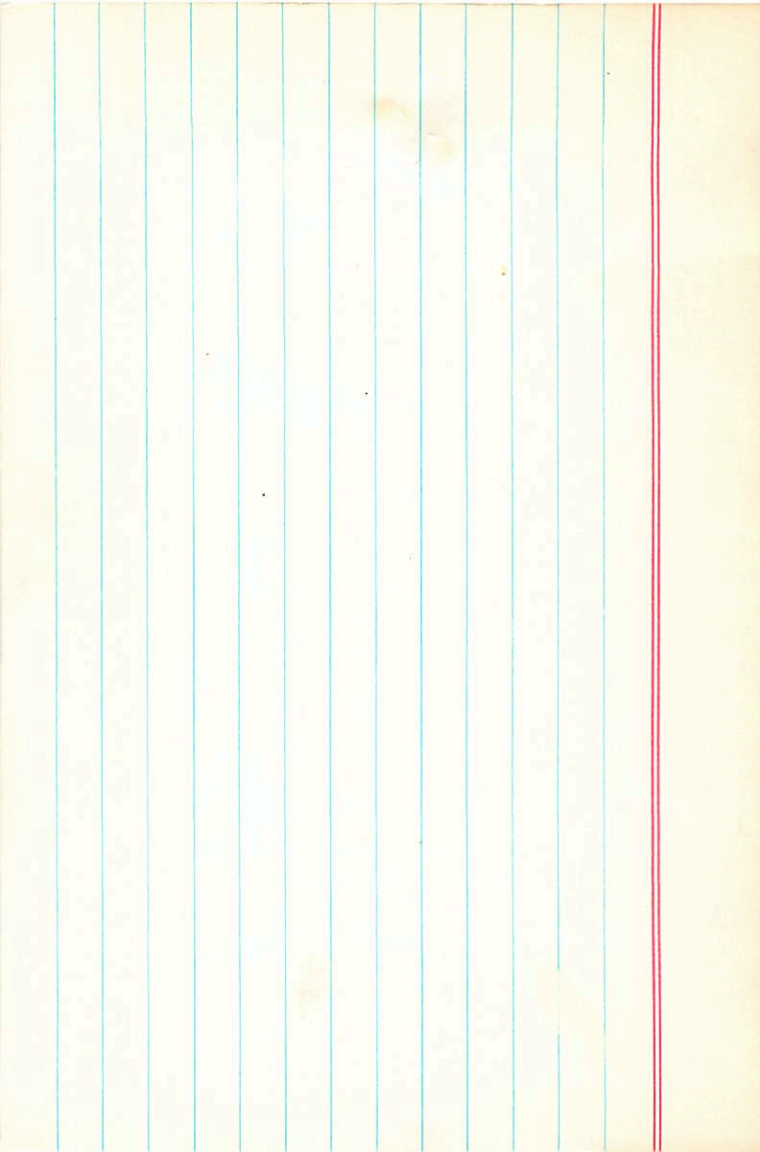
+0057

+0104 ← 22 26 →

+0060

+012

+087



5190

203803

Walter

40484020

1241020

457504

21 217

f24

03

-184

657

206178

738 2753

13643 1811

18.05 065

147

20

3.59

-184

125

20 Apr

203543

24476

13466

8192

1000-051

1004-051

21 22.3

15.323

026
349

52.170

18.210

15.320

360

224

324

15.329

221

1912.9

195

6.36

112

1081

322

-021

✓9

✓1

3.46

-282

60

70427547

14.97

170

2522

49.73

18724

48.4

49.13

49.14

48.9

49.78

1.39

14.97

170

2522

49.73

18724

48.4

49.13

49.14

48.9

49.78

1.39

379

36.9

30.6

1739.28

26

00
714
1.648
0.266
15.64
31.8

07
2
(M)
(M)
(M)
93

DEC 19 1958
R. A. ...
DEL ...
UNIVERSITY OF ...
DEL ...

1958
1959
1960
1961
1962
1963
1964
1965
1966
1967
1968
1969
1970
1971
1972
1973
1974
1975
1976
1977
1978
1979
1980
1981
1982
1983
1984
1985
1986
1987
1988
1989
1990
1991
1992
1993
1994
1995
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
2020
2021
2022
2023
2024
2025

| | | |
|--------|---|----------|
| R.A. | : | 21.400 |
| DEC. | : | -3.600 |
| R.A. | : | -9.000 |
| DEC. | : | -51.000 |
| STANCE | : | 3.960 |
| ADULUS | : | 62 |
| VEL. | : | -23.200 |
| 71 (U) | : | 0.720 |
| 72 (U) | : | 0.451 |
| 73 (U) | : | -0.527 |
| NP | : | -139.786 |
| U | : | 3.557 |
| 91 (U) | : | |
| 92 (U) | : | |
| 93 (U) | : | -0.000 |

SB 6.95

8154 21 21.9 + 25 06 A2E

20358
29960
20880

6.15

017 156 1060 2.886 et al

29

18.5w
x 0.14
10.27

159
318
1057
1.3
1406

16.5

025 = a
044 = r

+0.8

3909 9.03

5.85

5720 0.123

9976

8884

6292

0698

8187

203005

20487

21 21.5 = 13 65 #9 17

182 150 819 2.224 475, 22

906
2718

27



6194.000*

8202

204018

21

23.8

42

46

low

230

253

646

2748

549

120

~~100~~

1000

1307

~~204018~~
-0048 ± 4.6
-0050
+017 ± 4.1
+014

204018 21 23.8 -42 46 5.6 A3p ±18.31

30021

13482 49.598 1900.5 -42 45 56.37 1899.2

8" 3" $\frac{238}{836}$

$\frac{-86}{5723}$

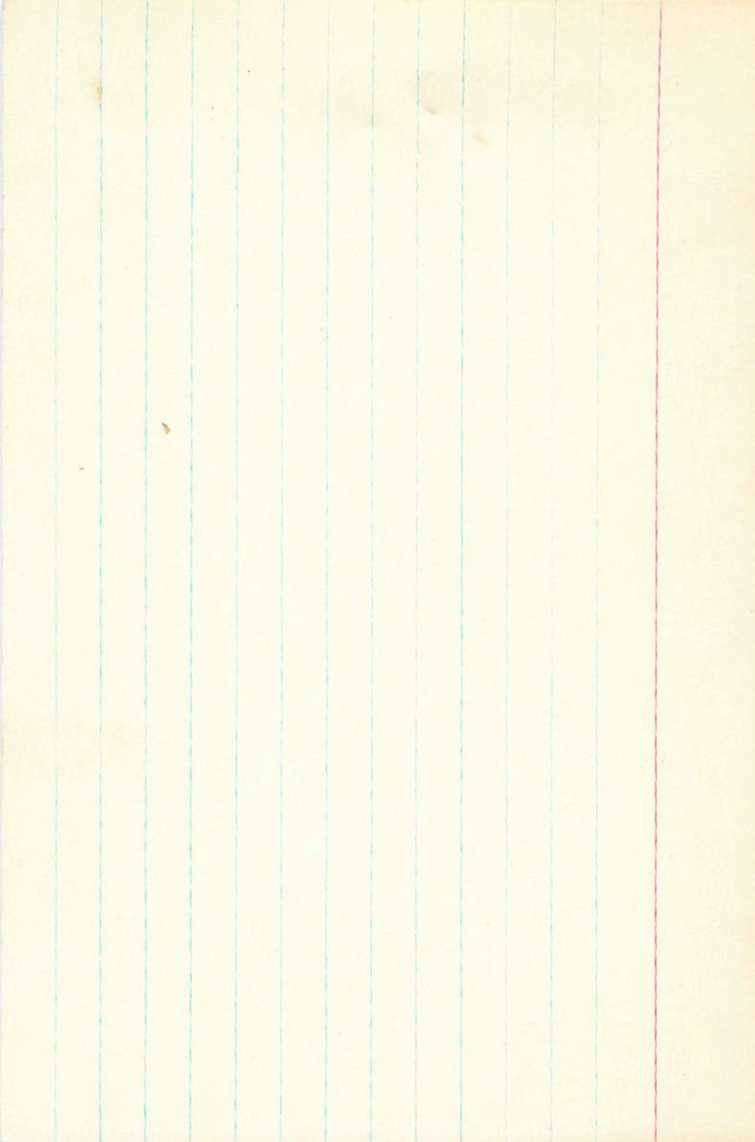
489202 49.664 $\frac{-23}{641}$ 1199

56.56 1940.29
 $\frac{+12}{56.44}$

47.2

49.579 $\frac{600}{-21}$ 558 -236

56.35 1955.06
 $\frac{-12}{56.47}$
 $\frac{56.46}{+67}$
9535
47.7
48.5



2095 2602
802 5605
802 050

21 25.1 +48 37

20441 530 705 530 108 +5 3E -16.1

056 176 1203 2844 02

016 188 1192 2915 2

191 382

1008 1014

1058 1014 +2.5
1058 1014 +2.5

12.50
1.52
1.665
1.81
1.91

a = 0.88
1 = 0.88 -1.50

474

1061 1024

500

076 183 1197 105

838

99 79 61 55

5865 -

1455

0000

10.5
14
12.5



92.1 - 14

128

DEC 1978
 DEC 1978
 DEC 1978
 STANGE
 COLLUS
 VEL
 01
 02
 03
 04
 05
 06
 07
 08
 09
 10
 11
 12
 13
 14
 15
 16
 17
 18
 19
 20
 21
 22
 23
 24
 25
 26
 27
 28
 29
 30
 31
 32
 33
 34
 35
 36
 37
 38
 39
 40
 41
 42
 43
 44
 45
 46
 47
 48
 49
 50
 51
 52
 53
 54
 55
 56
 57
 58
 59
 60
 61
 62
 63
 64
 65
 66
 67
 68
 69
 70
 71
 72
 73
 74
 75
 76
 77
 78
 79
 80
 81
 82
 83
 84
 85
 86
 87
 88
 89
 90
 91
 92
 93
 94
 95
 96
 97
 98
 99
 100

R.A. : 21.400
DEC. : 48.600
. R.A. : 87.000
. DEC. : 14.000
STANCE : 5.000
ODULUS : 100
. VEL. : -12.500

q1 (U) : 0.720
q2 (U) : 0.693
q3 (U) : 0.034
dU : 242.436
U : 23.820

q1 (V) : -0.040
q2 (V) : -0.007
q3 (V) : 0.999
dV : -1.111

204577

30095

13507

QD2x

21 27.2 -19 22 6.5 GF2-11.9 B

+0026³⁹-042⁴⁰N30

+0025±2.6 -043±2.40C-→N30

1.55 / 196 / 1010 491

21.8 159 140 2677

top of 040 Embank

36
46

5.00

034-046

9591 6729
-7830 0887
-2080
0529
9590-0258

1.50C P.55-
-55.1
1.55C 1.55-
-1.55C 1.55-
1.55C 1.55-

-10
944

0.5

129

9230

104854

41 2612-34 10

555 AD

(PPL)

1000000-1000000

(1000000-1000000)

073 165 1168 2889

-1
-4

55.5
45.7

Handwritten notes on a white paper fragment, including "01", "02", "03", "04", "05", "06", "07", "08", "09", "10", "11", "12", "13", "14", "15", "16", "17", "18", "19", "20", "21", "22", "23", "24", "25", "26", "27", "28", "29", "30", "31", "32", "33", "34", "35", "36", "37", "38", "39", "40", "41", "42", "43", "44", "45", "46", "47", "48", "49", "50", "51", "52", "53", "54", "55", "56", "57", "58", "59", "60", "61", "62", "63", "64", "65", "66", "67", "68", "69", "70", "71", "72", "73", "74", "75", "76", "77", "78", "79", "80", "81", "82", "83", "84", "85", "86", "87", "88", "89", "90", "91", "92", "93", "94", "95", "96", "97", "98", "99", "100".

130

AD. VELL. 1.50
MODULES 2.00
DISTANCE 1.00
PM. 1.00
PM. 1.00
PM. 1.00

01 1.00
02 1.00
03 1.00
04 1.00
05 1.00
06 1.00
07 1.00
08 1.00
09 1.00
10 1.00

| | | |
|----------|---|---------|
| R.A. | : | 21.500 |
| PM. DEC. | : | -34.150 |
| PM. R.A. | : | -1.000 |
| PM. DEC. | : | -4.000 |
| DISTANCE | : | 5.940 |
| MODULUS | : | 154 |
| AD. VEL. | : | 15.700 |

| | | |
|--------|---|---------|
| q1 (U) | : | 0.733 |
| q2 (U) | : | 0.132 |
| q3 (U) | : | -0.667 |
| du | : | -5.374 |
| u | : | -11.303 |

| | | |
|--------|---|--------|
| q1 (V) | : | -0.057 |
| q2 (V) | : | 0.990 |
| q3 (V) | : | 0.100 |
| dv | : | |
| v | : | |

8285

21 29.7

-24 49

A✓

2049B

30153

6.42 +20 (+10.5) C

112 189 888 2.837 5, 2, 1, 5, 2

FRS jump

+007

+0053

+071+007

803

110 200 885 2885

71.50
~~11.80~~

6.42 003 1.238

4.55

-8.6

1131

mt-
Tilt
H/S
S

1001-105
1076-005

DL 187
903 2807
329

132 182 889 2820 0.15 8
6.10 + 22 (108) C
②

1278
26 100
100

3028
20559

21 33.8 -33 17 17 17

8256

158 37
36

132

R.A. : 21.550
DEC. : -33.300
M. R.A. : 92.000
M. DEC. : -5.000
DISTANCE : 4.750
MODULUS : 89
D. VEL. : -2.000

q1 (U) : 0.739
q2 (U) : 0.147
q3 (U) : -0.657
dU : 266.008
U : 25.022

q1 (V) : -0.066
q2 (V) : 0.987
q3 (V) : 0.146
dV : -47.457
V : -4.522

q1 (W) : -0.670
q2 (W) : 0.065
q3 (W) : -0.739
dW : -245.755
W : -20.424

132

4257

+0094 ± 5.8
+0101
-029

$M_1 = 12.0$

$\Sigma \sigma_p, \sigma_m = 0.0$ S.D. $\rho =$

205539

21 33.1 +27 58

6.4 F3 -42.2 a

30229

+132 -26

13563

5.948 1896.5

+27 58

24.36 1898.8

+129 -29

131

$\frac{-503}{445}$

244 132-627
59

2678 2.11
28.47

5.771
769

6.24 + 38 -02

27.74 1928.69
27.63

10103-036(A)

$\rho = 12.71$

2.80
3156

ac new York

136-036

86
376

+132 -029

↓

part

1753

Age

550

189

27110

1449 2444

1828 543

-072 830

-665 374

116.42511

SE
348
21

+405

414 -525

554

9927

5056

5684

+11.0

-1159

-0160

23336

~~-591 806 -141 890 +111 -022 -18 003 +2.5 -104~~

066 002 089 002^{303 431} -17.8 -14.3 +10.5

+0.5 +32.0 -3.7

02

-4.2 +24.7 -1.0

03

+5.7 +39.2 -4.5

015

+9.0 +43.7 -5.5

013

36.7 -19.3 -17.5

+1.2 46.5 -6.2

012

39 -20.1 -20.2

8264 21 35.0 -8 05 A7E

205767

30268

449 +17 +13 C
1004

090 157 1.07 @ 250.1 2836

4.07 010 1.358

3.9

0.804
0.800

600 4.07 0.74 3.5

134

428

618-128
265 1570 925

8265 21 35.3 +6 23

205811
30270

005 175 1011 2-514
240 167 562 2207

+342
+320

6-20 +03 +02 595

6-18 018 143 1036 2903
008 186 995 341117

767 +36 -01 595

013 164 1015 2905

158

166
332
1014
1346

a=0.13

n=14

758
-15
445
73

+1.35
4.85

~~23~~
~~6~~
~~13~~

105-002
105-005

1058-005
058-005

A 019 6111 +128 473
B 2.58 3812- 4.25

135

205852 21 35.4 +19.06 845 -25.0

50mg

HR8267

PN5

5.3

5M4048

12.56

203150892 2734

100915 10101

1011015

+102 +014 GC
+099 +014 N
+095 +016 F
+100 +004

+0162

+1003

27.0 + 5.6

218

-17.0

3926

+3522 +0404

-0341 +0324

-3152 +0416

-2724 109

6218

1466

-25

9185

4020

R.A. : 21.600
 DEC. : 6.400
 M. R.A. PM. R.A. : 58.000
 M. DEC. PM. DEC. : -5.000
 DISTANCE : 4.500
 MODULUS : 79
 D. VEL. RAD. VEL. : 3.000

q1 (U) : 0.745
 q2 (U) : 0.532
 q3 (U) : -0.402
 dU : 191.062
 U : 13.970

q1 (V) : -0.075
 q2 (V) : 0.666
 q3 (V) : 0.742
 dV : -36.196
 V : -0.649

q1 (W) : -0.662
 q2 (W) : 0.523
 q3 (W) : -0.536
 dW : -193.363
 W : -16.968

134 135

-590507 327 545 +100 1014 -25 005 -5 062

059.003081004 261 395 -23.6 -19 +14 015

-2 +41 -4
 +34 -22 -7

01

+7 +54 -2
 +45 +8 +6

013

+1 +45 -3

+39 -22 -9

012

+3 +47 -3

+40 -21 -11

011

+5 +50 -2

+43 -22 -13

010

| | | |
|----------|---|---------|
| R.A. | : | 21.600 |
| DEC. | : | 19.100 |
| PM. R.A. | : | 107.000 |
| PM. DEC. | : | 13.000 |
| DISTANCE | : | 4.660 |
| MODULUS | : | 86 |
| AD. VEL. | : | -25.000 |
| q1 (U) | : | 0.745 |
| q2 (U) | : | 0.607 |
| q3 (U) | : | -0.275 |
| dU | : | 394.672 |
| U | : | 40.630 |
| q1 (V) | : | -0.075 |
| q2 (V) | : | 0.000 |
| q3 (V) | : | 0.000 |

137



805 070 1217 500
+0073 ± 2.0
+0071

70 27 ± 1.8
+036
5.65
+21

41 Per
205924
36.0
f05

33 5.8
+034
+032

30291 505070 1.217

15.8
14.8
27.3
27.3
2.85

1359 1.629 1403.6 +5 32 42.18 190.17

1.30
40.88

+00745 +0322
+00768 +0342

175
-015

12m 26"
Optical

112.64
18.74 ± 9.5

41.77 1933.8

+1147
+118
+109
fhs

2.768 226.817

18
41.95

116
29
4.14

516
527

1.540
-2
534

8270
+029

-040

1940.46

2237

+237

11K +04

726

42.35

+4

72.89

43.18

14

43.1

1.514

1.514

1.514

1.514

1.514

1.514

1.514

1.514

37.7

37.7

37.7

37.7

37.7

37.7

37.7

37.7

37.7

37.7

37.7

37.7

37.7

37.7

37.7

72.89

72.89

72.89

72.89

72.89

72.89

72.89

72.89

72.89

72.89

72.89

72.89

72.89

72.89

72.89

42.17

42.17

42.17

42.17

42.17

42.17

42.17

42.17

42.17

42.17

42.17

42.17

42.17

42.17

42.17

1.29

1.29

1.29

1.29

1.29

1.29

1.29

1.29

1.29

1.29

1.29

1.29

1.29

1.29

1.29

35.4

35.4

35.4

35.4

35.4

35.4

35.4

35.4

35.4

35.4

35.4

35.4

35.4

35.4

35.4

155 180 848 278

155 180 848 278

155 180 848 278

155 180 848 278

155 180 848 278

155 180 848 278

155 180 848 278

155 180 848 278

155 180 848 278

155 180 848 278

821
138

115.000
20.000
2.500
2.500
2.500

13.000
8.745
8.525
8.410
8.295

RAD. VEL.
MODULUS
DISTANCE
PM. DEC.
PM. R. A.

01 (U)
02 (U)
03 (U)

04 (U)

01 (U)
02 (U)
03 (U)

| | | |
|-----------|---|---------|
| R.A. | : | 21.600 |
| PM. DEC. | : | 5.550 |
| PM. R.A. | : | 115.000 |
| PM. DEC. | : | 29.000 |
| DISTANCE | : | 4.140 |
| MODULUS | : | 67 |
| RAD. VEL. | : | -18.500 |

| | | |
|--------|---|---------|
| q1 (U) | : | 0.745 |
| q2 (U) | : | 0.526 |
| q3 (U) | : | -0.410 |
| dU | : | 476.697 |
| U | : | 39.663 |

| | | |
|--------|---|--------|
| q1 (V) | : | -0.070 |
| q2 (V) | : | |
| q3 (V) | : | |

44

8162

21 17.4 +62 22

-10 17 pl

2.41 +23 +10

+0213 +050 N

+0206 +050 GU →

+0210 +050
.145

15.8 pl.

| | | | | | | | | |
|------|------|------|-------|-------|-------|-------|------|-------|
| 706 | 682 | 1590 | +4852 | +1616 | 6468 | +10.2 | -1.9 | +8.3 |
| -020 | -245 | 948 | -0137 | -0580 | -0717 | -1.1 | -9.7 | -10.8 |
| -708 | 688 | 161 | -4866 | +1630 | -3236 | -5.1 | -1.6 | -6.7 |

M
MP
138
(M)
2b
3b

10.012

8120

81 114 136 26

-022 +006

-12.88

129

896.75
 898.00
 899.00
 900.00
 901.00
 902.00
 903.00
 904.00
 905.00
 906.00
 907.00
 908.00
 909.00
 910.00
 911.00
 912.00
 913.00
 914.00
 915.00
 916.00
 917.00
 918.00
 919.00
 920.00
 921.00
 922.00
 923.00
 924.00
 925.00
 926.00
 927.00
 928.00
 929.00
 930.00
 931.00
 932.00
 933.00
 934.00
 935.00
 936.00
 937.00
 938.00
 939.00
 940.00
 941.00
 942.00
 943.00
 944.00
 945.00
 946.00
 947.00
 948.00
 949.00
 950.00
 951.00
 952.00
 953.00
 954.00
 955.00
 956.00
 957.00
 958.00
 959.00
 960.00
 961.00
 962.00
 963.00
 964.00
 965.00
 966.00
 967.00
 968.00
 969.00
 970.00
 971.00
 972.00
 973.00
 974.00
 975.00
 976.00
 977.00
 978.00
 979.00
 980.00
 981.00
 982.00
 983.00
 984.00
 985.00
 986.00
 987.00
 988.00
 989.00
 990.00
 991.00
 992.00
 993.00
 994.00
 995.00
 996.00
 997.00
 998.00
 999.00
 1000.00

R.A. : 21.300
DEC. : 62.400
M. R.A. : 326.000
M. DEC. : 48.000
DISTANCE : 1.250
MODULUS : 18
D. VEL. : -10.000

q1 (U) : 0.707
q2 (U) : 0.681
q3 (U) : 0.190
dU : 661.241
U : 9.864

q1 (V) : -0.022
q2 (V) : -0.246
q3 (V) : 0.969
dV : -72.093
V : -10.971

q1 (W) : -0.707
q2 (W) : 0.159
q3 (W) : -349.073
dW : -7.796

W

Handwritten text on a piece of paper, possibly a receipt or invoice, with a small white mark or tear near the top center. The text is faint and difficult to read, but appears to include:

Handwritten text, possibly a receipt or invoice, with a small white mark or tear near the top center. The text is faint and difficult to read, but appears to include:

Handwritten text, possibly a receipt or invoice, with a small white mark or tear near the top center. The text is faint and difficult to read, but appears to include:

| | |
|--------|---------|
| R.A. | 21.350 |
| DEC. | 24.050 |
| R.A. | 147.000 |
| DEC. | 20.000 |
| STANCE | 3.590 |
| MOULUS | 52 |
| EL. | -18.400 |

| |
|-------|
| 0.714 |
| 0.548 |
| 266 |

20 Aug

203843

29976

13466

8192

1006-057

1504-051

-0007 ± 2.7
-0009

21 22.3 -03 37 6.4 GA9 -23.27

15.323 1912.9 -3 36 49.57 19063

026
349
145 227 704 2753 47.39

57.170

18 210

15.320

360

-24

324

6.36 112 1081

240

328

-021

✓

✓

✓

+236

287

3.96

-28.2

14.47 193451

2522

49.73

48.22

48.22

48.22

48.22

48.22

48.22

48.22

379

36.9

30.6

189.28

48.94

48.78

-1.39

26

1950
1951
1952
1953
1954
1955
1956
1957
1958
1959
1960
1961
1962
1963
1964
1965
1966
1967
1968
1969
1970
1971
1972
1973
1974
1975
1976
1977
1978
1979
1980
1981
1982
1983
1984
1985
1986
1987
1988
1989
1990
1991
1992
1993
1994
1995
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
2020
2021
2022
2023
2024
2025

R.A. : 21.600
DEC. : -8.100
1. R.A. : 118.000
1. DEC. : -25.000
DISTANCE : 3.980
MODULUS : 63
D. VEL. : -21.000

q1 (U) : 0.745
q2 (U) : 0.414
q3 (U) : -0.522
dU : 363.720
U : 33.708

q1 (V) : -0.075
q2 (V) : 0.831
q3 (V) : 0.552
dV : -139.801
V : -20.328

q1 (W) : -0.662
q2 (W) : 0.372
q3 (W) : -0.650
dW : -410.897
W : -12.036

134