

90589 10 23.4 -73 4/6 F3 1E -E

HRC410 2

G614323

855 +26 -1 C

27.4

76

[m] 197 +19

[C] 533 +10
+51

239.149.587 2.70.8 2 1332

281 181. 441. 182. 5472 2645 3

~~236 551. 922. 540 2.50~~

←

284 164 558
702 154 508

(145) (225) (571)

+2.7, 2.50 +1.8 +5.5 -2.6

-1 +4 -150

3-6 144 95

+2307230
330
1591 3.4

R.A. : 10.400
DEC. : -73.800
M. R.A. : -75.000
M. DEC. : -26.000
DISTANCE : 1.030
MODULUS : 16
D. VEL. : $\frac{1}{2} \cdot 1.000$

q1 (U) : -0.825
q2 (U) : 0.417
q3 (U) : -0.382
dU : 30.386
U : 2.018

q1 (V) : 0.211
q2 (V) : -0.400
q3 (V) : -0.892
dV : 28.421
V : 4.024

95

76

136

178
1789

224

036174 1158 2.880
4105 6190631541 10 23.9

heat
-23 43 609 4105

90630
-73.735

-10061 ± 6.7 +010 #53
+002

746177 54.5
332

+010 2.40 884
+016 $\frac{-015}{3.01}$ 48792

f-614325
144788
30385

82.4
-10041
-10084

25.822
37.12

144788
30385
44.826
-6.4
3.50

10048 #004
120 #004

10041 10045
-10046 0128
-71
+9
583
-2.7

120 #004

2.14
2.14
2.14

10041 10045
-10046 0128
-71
+9
583
-2.7

44700 1.81
+1.11
405

44700 4.74
-10046
5.85

-0193

1.80
1.80
1.80

274
+9

-017

8466
5322

013 613 4030

78849
-4658

96

8240-8145
3894-3895
[1418-1419]

83
7140
743

27.0 30 43

5.55

71208
4163

57
585
2.855
2.502

0.54 1.97

644
1.07-0.20 1.018

4108
90745
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76
10
1081-057

-055 -056
-6 980-
-054 5850
-054 5850
-054 5850

150-051

Blank lined paper with faint ghosting of text from the reverse side.

R.A. : 10.450
DEC. : 64.500
PM. R.A. : -122.000
PM. DEC. : -51.000
DISTANCE : 4.770
MODULUS : 90
RAD. VEL. : -12.000

q1 (U) : -0.828
q2 (U) : -0.047
q3 (U) : 0.558
dU : 217.635
U : 12.877

q1 (V) : 0.219
q2 (V) : 0.890
q3 (V) : 0.401
dV : -269.645
V : -29.062

q1 (W) : 0.516
q2 (W) : -0.454
q3 (W) : 0.727
dW : -18.542
W : -10.386

97

97

4115 10 25.9 75 27 960

90874 -81.86 2057

87198 14.22 0.53

041 196 1015 2901 6400

0000

5.94 -081 1.382

1.44

-080 1030

-194
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456

1114

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14
476
100

50875 022

7113

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+ 1.93

9996
1034
98651
5016
0843
0192

96
-9687
2484
0880
0000

101 9392
1897 2665 3433

90 = 9.1

372 1 14.2 44 39 145 -51.5

9647

6.11 +1.59 +1.98 1 PL 1539

86

3671 mA

90839

10 27.4 +56 14 4.8

df8

+9.26
#422

14427

6587

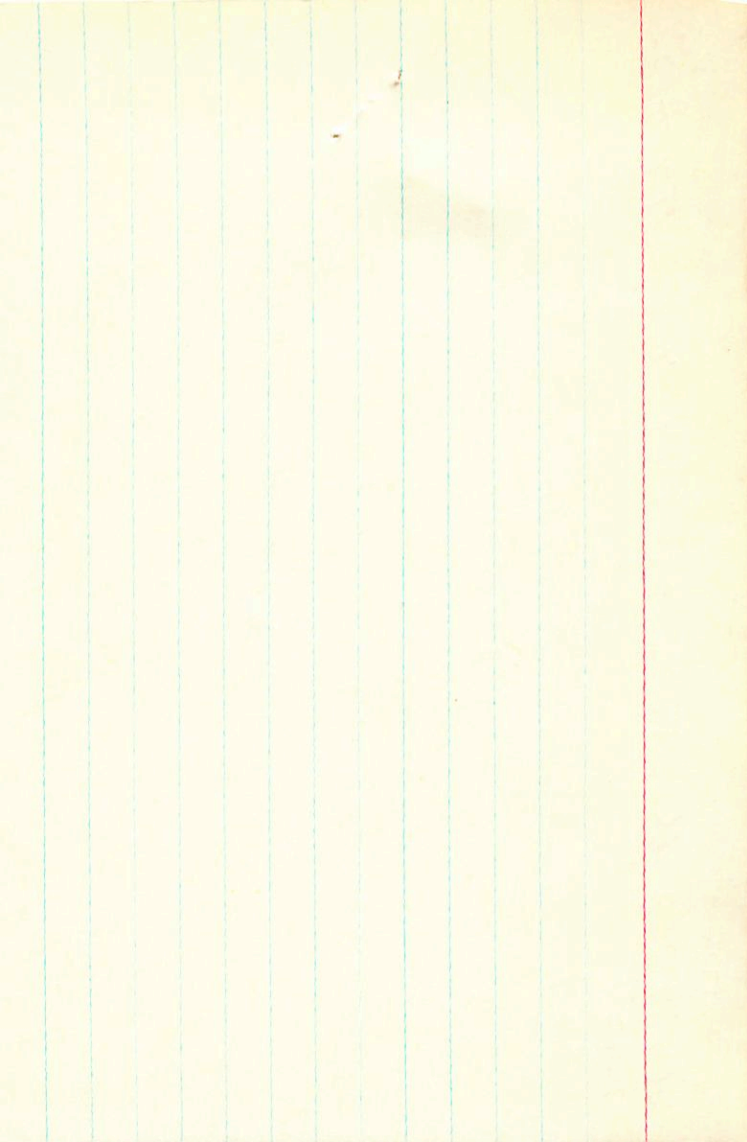
50

-0209 -035 N30

-0210 ± 13 -035 ± 1.2 61 → N30

DFP=11

4.82 ± 0.5-1 0.00 ES



90839

HR4112

CC14427

367Ma

[α_1] 233 +14

[γ] 263 -30

10 27.4 +56 14 F8 IV

482+8160349

428

N²

341 1172

135

56

⑤

331

SPC 2618.6

4+

8.69 136 1.26 547 R7 II

0.50 +13.7 -1.6 +2.5

+6.80 -305 -372

CPA

PM. DEC. 1948
R.A. DEC. 1948
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R.A. DEC. 1948
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DEC. 1948

PM.

DEC. " " "

R.A.

DEC. " "

R.A.

8.40€

-33.00€

-313.00€

56.25€

18.45€

859188

4132

10 30.3

440 41

A712

91312

14491

4774 + 23 + 88 J

121 208 858 2824 : 250C

Sp.D.

262

14204

788 + 1004

14204 8100

2943 0.79

182

47

2.96

440

155
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4138
91375
14457

10 29.1 -71 44 Am

020154 1.114 2.197

14457

① 1.150

473 + 03 + 07 C

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②

021 148 1164 ③ 2865-③C



1026-035

1545 302

282

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-9145

1020 24 46 174 23 607 375 600 -9145

1026-035 1545 302 282 1.1

020154 1.114 2.197

① 1.150

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③ 2865-③C

473 + 03 + 07 C

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R.A.
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4920 10.1 10071

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4121 10054 10058 -037
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-0.30
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-0.209
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10.500
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-33.000
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7.600
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-0.832
0.410
-0.374
-182.663
-18.390
75.1
0.228
-0.363
-0.904
89.904
89.171
0.722
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0.586
0.837
-0.209
-58.793
-6.589
-6.42

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75.400
-0.879
0.586
0.837
-0.209
-66.047
-6.832

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-6.42

$$+0046 \pm 4.9 \quad -037 \pm 4.1$$

$$+0070 \quad -038$$

$$10 \quad 29.1 \quad -71 \quad 44$$

$$4.9 \quad A2 + 7.6$$

91375

14457

$$6595 \quad 4.420 \quad 1910.1 \quad -71 \quad 44 \quad 7.10 \quad 1905.5$$

$$- \frac{184}{236}$$

$$+ \frac{165}{545}$$

$$0060 \quad -036$$

$$4.421$$

$$\frac{28}{44}$$

$$6.77 \quad 1940.2$$

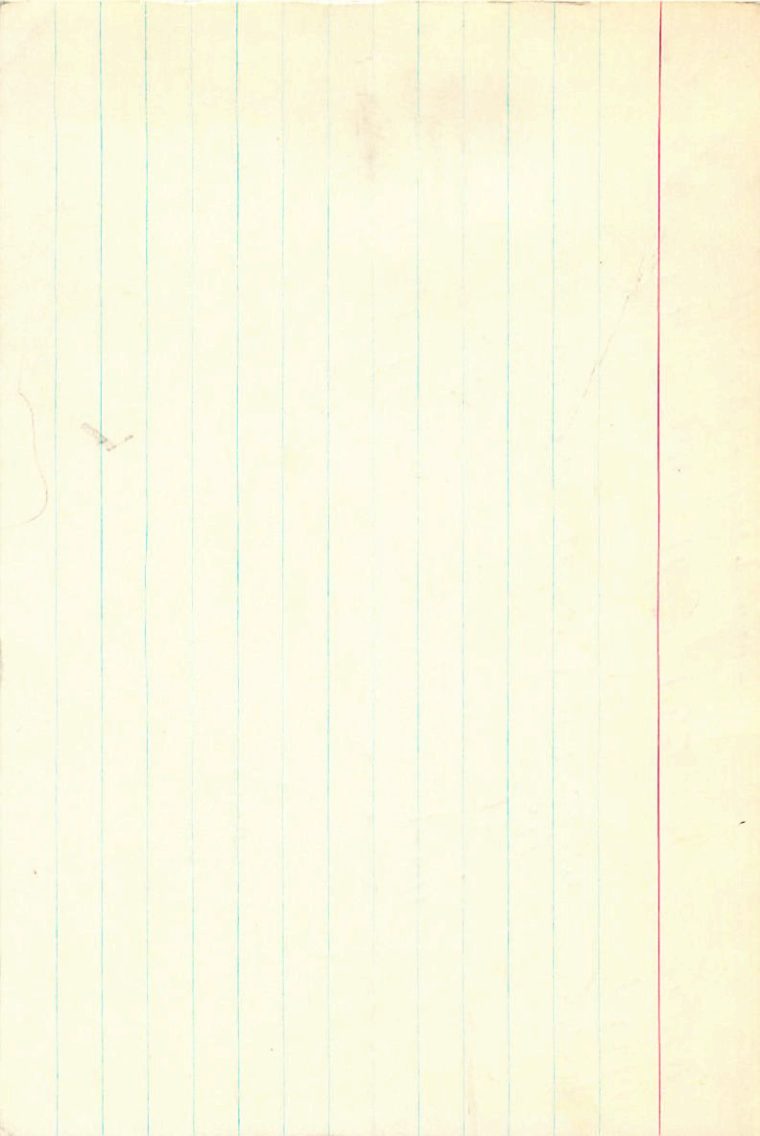
$$-1$$

$$\frac{6.78}{38}$$

$$35 \quad 1.33$$

$$\frac{105}{280}$$

91375-14457



Next Published

404038 10 29.1 -71 44 42 +7.60

46595 4.25 +04 +022-03760
+024-03815

MS +0

MS 07
9286 441 0316 7004 -037 -30 1710
9286 441 0105 70030 -0410 453

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386 - 822 - 949 314 + 024 - 038 + 7.6 036 - 7.2 - 057
- 009 - 014 - 022 - 033 114 - 171 + 2.4 - 2.2 + 0.9

+10.0 - 10.5 - 11.0 015

-13.4 + 1.2 - 12.5

+6.9 - 5.9 - 5.5 025

-8.9 - 1.2 - 9.4

W.

4144 10 31.0 -58 24 A2I

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5.54 + 32

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5.91²⁰⁶ 280

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9/5/58

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2100

107

R.A. : 10.600
DEC. : -12.200
PM. R.A. : -50.000
PM. DEC. : 1.000
DISTANCE : 5.800
MODULUS : 145
AD. VEL. : 12.100

q1 (U) : -0.839
q2 (U) : 0.525
q3 (U) : 0.142
dU : 196.797
U : 30.169

q1 (V) : 0.244
q2 (V) : 0.596
q3 (V) : -0.765
dV : -53.660
V : -17.009

q1 (W) : 0.487
q2 (W) : 0.607
q3 (W) : 0.628
dW : -109.887
W : -8.279

4189 0074-004 10 40.3 +26.35 ASD

92769 5.54 +165 +075 2695

14730
~~100510~~
5.51 104 186 898 (283) ③ 500

12350 945
433
789
1948 92.5

00945-066 40074 -064 659
0095 -066 7092 -067 1239
0095 -066 6707 17.97 269

17.237 19.04
158
17.224 69.76 17.8

100-001-1000
544
17.224 69.76 17.8
17.71
1004
1004

103

DEC 19 1958
R. A. ...
DEC 18 1958
R. A. ...
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R. A. ...
DEC 16 1958
R. A. ...
DEC 15 1958
R. A. ...
DEC 14 1958
R. A. ...
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DEC 12 1958
R. A. ...
DEC 11 1958
R. A. ...
DEC 10 1958
R. A. ...
DEC 9 1958
R. A. ...
DEC 8 1958
R. A. ...
DEC 7 1958
R. A. ...
DEC 6 1958
R. A. ...
DEC 5 1958
R. A. ...
DEC 4 1958
R. A. ...
DEC 3 1958
R. A. ...
DEC 2 1958
R. A. ...
DEC 1 1958
R. A. ...

R.A.	:	10.650
DEC.	:	26.600
R.A.	:	-112.000
DEC.	:	-69.000
CE	:	4.000
	:	63 000

4/21/12

63344

65225

0 42.8 - 20 86

+96

+150

150

1087 103

1043-103

13 Apr

950

985

2827

2820

525

4500

135

154

TSX

TSX

625 026 1831

645 026 1261

130

-124

105

170

-3

105

470

423

3364

347

7014

1 88.0 + 2 11

9104

-2.66

Ca

Fin

5.55 + 1.50 + 1.86 C

-0002 -009

54046 . 10 46.2 -17 48 AD

-173245 657 038 (42) 1109 2898

(202) 113

E=004 M=2+0.90

6-614923

10 48 34.00 -18 4 0.6

6860
-047+009

9371 1109
3890

9560 098
0000 9899
Smet +242
0053

4464 -6416
1245
here E

6.37

-10034 4322

+1005 53.0

84.003 3.1

-10032

+1009

063

589

$\frac{159}{162}$

$\frac{24}{0.89}$

47620

28.879

2387

4.52

is

13452

$\frac{39031}{20}$

+1016

52.20

$\frac{0.70}{39}$

-10033

$\frac{104}{+35}$

$\frac{051}{+13}$

-100343 +10083

$\frac{0.79}{0.79}$

R.A. : 10.700
DEC. : -70.600
R.A. : -129.000
DEC. : -3.000
STANCE : 4.500
MODULUS : 79
VEL. : 12.300

q1 (U) : -0.845
q2 (U) : 0.376
q3 (U) : -0.380
dU : 166.290
U : 8.531

q1 (V) : 0.260
q2 (V) : -0.333
q3 (V) : -0.907
dV : -48.084
V : -14.970

q1 (W) : 0.467
q2 (W) : 0.865
q3 (W) : -0.183
dW : -107.187
W :

44.7
44.6

93765

10 47.2 +28 14

dAS

HP 4230

GC 14897

144 mi

1008 + 1031

1008 + 1031

156
110 1031

6.07 + 39 - 2 1.44

6.27

12.64 1132

240

② SPL 2.6700

ct

...

[m] 179 + 34

4.00

+6.7 + 8.7 - 1.9

[c] 527 + 117
156

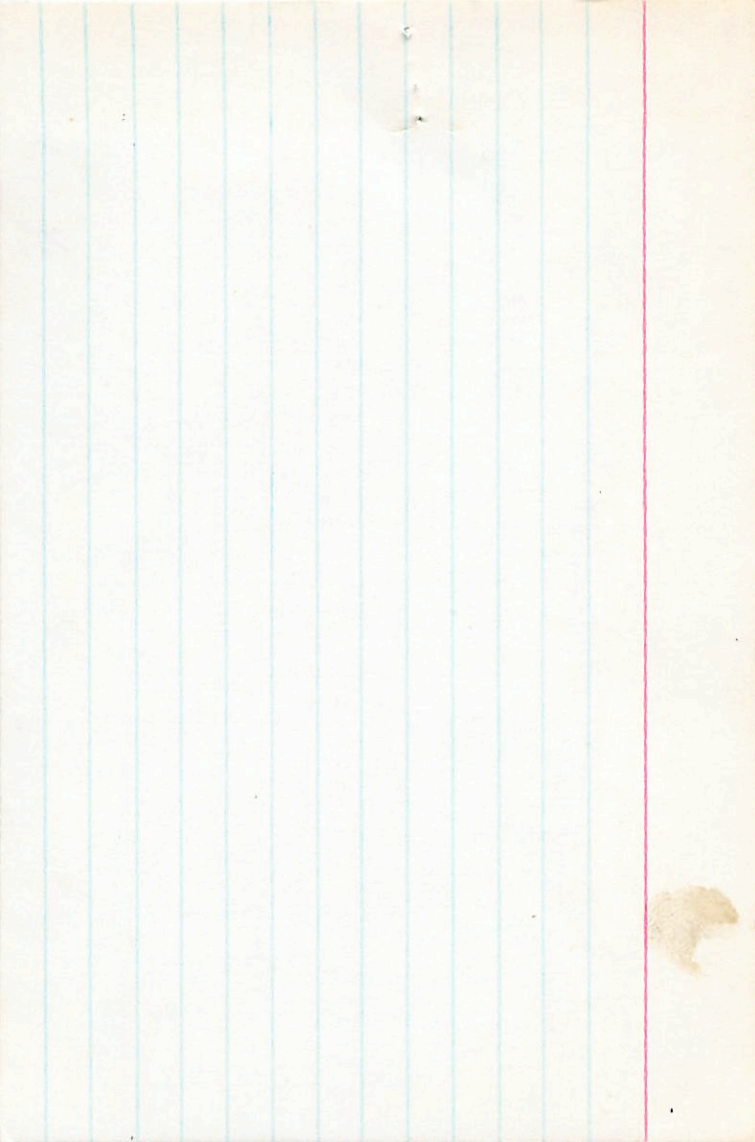
+87 + 145 - 10

12.0

-12

3/4

12.9



442 mi
93765
14897
6725
 $\sqrt{230}$

10 47.2 +28 14 6.1 dA8m +2.98

-0011 ~~25~~ +034

-1005 ± 1.9 +030 ± 1.5

104

R.A. : 10.800
DEC. : 28.250
R.A. : -12.000
DEC. : 31.000
DISTANCE : 3.440
MODULUS : 49
VEL. : 2.900

1 (U) : -0.851
2 (U) : 0.328
3 (U) : 0.410
dU : 90.889
U : 5.621

1 (V) : 0.276
2 (V) : 0.944
3 (V) : -0.183
dV : 124.818
V : 5.555

1 (W) : 0.447
2 (W) : 0.042
3 (W) : 0.893
dW : -16.182
W : 1.802

PH

4244 10 49.6 +1 17 A2 -13

94180 6.36 +074 1568 0.00

14940 6.37 +08 +12 C

0248 165 1167 2964

050 144 1162 51 2050 C

53

175

350 a=92

1152 a=104

1504
1594
1.

②

030 122-1158

4002 +012
40035012

3
12
607
-13

0200 627 0.00

105

1254
9440

Handwritten notes:
1041 + 1001
1055-1001

443
+8

070 640 + 123

106

105

R.A. :
DEC. : 10.900
M. R.A. : 25.750
M. DEC. : -61.000
DISTANCE : 1.000
MODULUS : 4.930
AD. VEL. : 97
 : 8.000

q1 (U) :
q2 (U) : -0.856
q3 (U) : 0.356
dU : 0.375
U : 224.572
 : 24.749

q1 (V) :
q2 (V) :

5385
49470 }
10.50
10.50

58.0 +39 29 Am +327

025

95318 -8098 -1634 5.08 +0.24 +0.17

15128 808 000 145 134 1007 2.792

68044 504 027 1.344

1063-030

+0.360
400

+16.2 32.400
+16.8 +1.4
14.4 11.1
+3.0

1288

35

-859. +265 +4581
+303 +953 +84
+413 -144 900

+2562 -0207
-0905 -1039
-12330 -0157

+9945
-1948
-301

+9818/88

-94
-30
4.55
+33

-073-030

-073 -026
-061 -025
-065 -026
-063 -023

267 - 964 636 772 - 065 - 026 + 3.3 - 017 + 2 - 085

20.5
926
1/2

017 005 063 016 5332 + 2.5 - 2 + 1 025

$$\begin{array}{r} -2 + 13 - 2 \\ \boxed{+10 - 8 - 1} \\ +10 - 8 - 1 \end{array}$$

2.580

(46.15)

51.17

FOI

42-96

10 57.9 - 51 33 +13.9

GenSh

0 89 217 8762269

+1.80
1.175

11/15/88
01330002

6.15 016 6234

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66

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231 255
408

113

11.28

+13.9

5101 5403
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110 76-86-
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108

X 260
94097

GC 15235
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(1010)

+2581
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12m 311

+234
+231
+238
4.64 +0.33 +0.07

Naum.
F212-102
plot.

Σ: -02
108
-0228 -050 N30
-0229 ± 0.8 -049 ± 0.8 GC-N30

207 199 709 2.231
4.14 2.466

+68 -49 -28 .020
+48 -26 -18 .030 ←

H102-114-1027
H102-0470 PNR

341 -0467

-MAR 1005-150-4

9346
3558
-9974 / 435 H45
+0714 / 0717

8m (7)
164110

11 02.4 +07 36 dF3 +4.76

+6.1 L (6)
-3.65 (8)
+3.0 W (4)
+4.1 V (1)

GC
-340 -05.0
-339 -05.0 N30

2.18 240
218 74

+244
+248
25

-344
-47

2.486
+5.0

R.A. : 10.950
DEC. : -51.550
M. R.A. : -86.000
M. DEC. : -2.000
DISTANCE : 4.000
MODULUS : 65
VEL. : 13.900
1 (U) : -0.858
2 (U) : 0.436
3 (U) : -0.271
dU : 213.403
U : 10.197
(U) : 0.300
(V) : -0.004
(V) : -0.954
dU : -75.926
U : -18.231
) : 0.417
) : 0.900
) : 0.127
) : -114.187
) : -5.709

96097

11 2.4 +7 36 F2TH-TV

HPT4310
GL15235

4.63 +34 +07 C

4.63 +33 +05 J

4.63 +335 +075 SW

63(X) In

.208 .187 .710 (5) SPC

462 203 195 700

2.727 (6)
2.734 C+
2.733

[m] 224

[L] 668

3.00 +51.6 -29.3 -24.3

+1273 -678 -74

109

10/1

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	R.A.	DEC.	R.A.	DEC.	STANCE	ODULUS	VEL.
91 (U)					10.400		
92 (U)					-73.700		
93 (U)					-71.000		
NP					9.000		
U					1475.830		
					-2.700		
					-0.825		
					0.410		
					-0.325		

1290.000
40.030

0.307
0.816
-0.489
-674.950
-22.081

0.407
0.352
0.840
-730.720
-18.195

109

[Gues-
herb
1418-
oneb

33

1100

10 27.0 764 30 43

4108

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14404

55.5

3
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094 197 585 450

8+
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8181 100-609

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$M_1 = 10.7$
 $M_2 = 11.2$

5582995+412+460

97

11/2
bpc
16/4

R.A. : 10.500
DEC. : 40.700
1. R.A. : -182.000
1. DEC. : 4.000
DISTANCE : 2.960
MODULUS : 39
D. VEL. : 9.000

q1 (U) : -0.832
q2 (U) : 0.189
q3 (U) : 0.522
dU : 547.712
U : 26.101

242
46

q1 (V) : 0.228
q2 (V) : 0.974
q3 (V) : 0.010
dV : -130.329
V : -5.006

✓

q1 (W) : 0.506
q2 (W) : -0.127
q3 (W) : 0.853
dW : -333.379
W : -5.352

100

4138
91375
14457

10 29.1 -71 44 Am

020 154 1.164 2.197

473 +03 +07 C

50

021 148 1.164 2865-368

+020 -24
+022-030

154
308
1160

282

047=a

106=a

1.464
1.503

1160

46
44

174
131
133

154

med 460
0422 p=16
0141

0444
0433
0115

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375
low 0
-9145
4022

+30.5
-30
4.1
+7.6

10.5
-7.75

+20246 44.9 -03244.1

49220 10.1 +1021 -034 7.10 55-

+105P
145
5.45

153
239

+105P -037
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4921 +105P -037
10389

+22 0314
10.5

449 00132
-21.75

0184 +1023
496

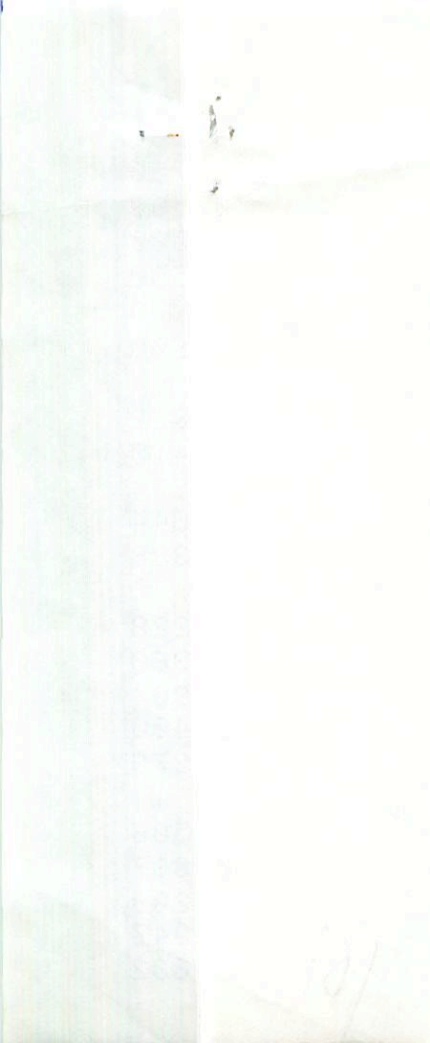
+1023 -33
441

4.553 7.72 50.85 47.6

+34
7.12

589 7.84

5



16.559
- 71.750
70.500
- 30.000
4.500
79
7.600

- 0.832
0.410
- 0.374
= 145.344
- 14.388

0.228
- 0.363
- 0.904
75.400
- 0.879

0.506
0.837
- 0.209
- 66.047
- 6.832

187

Handwritten notes on a white piece of paper, including numbers and some illegible text.

1224
9445
10 520 224 45
184 181 421
1220 081 1224

Handwritten circled text: *Handwritten*

Handwritten circled text: *1001-590*

1224
1224
1224
1224

Handwritten text: *1224 1224*

q2 (U) : 0.217
q3 (U) : 15.136
dU : -0.103

076

105

106