

83524

35.7

-44 46

60 +45.8 254

6613312

5-+12

836

6.49 +0.60

2.85

6.49 380 175 331 ①

2.49 180 319 260

-0026 ± 9.0

+220 ± 11.36.49 397 171 322

322

+2446.29 1897.8

-0048

124

-11.48

-0021 228

902

118 133

17.77

48.045

-0025 +220 60

26.67

1926.49

53.535

-0045 +244 0000

43.88

-030 221

41.571

-0048 +227 CA

10.53

571

-1237 CR

10.50

221

1570

-040 +233

10.63

216

+5

+45.8

-035 +237

107

.A. : 9.600
 EC. : -49.750
 .A. : -46.000
 EC. : 221.000
 ANCE : 2.160
 ULUS : 27
 VEL. : 45.800

(U) : -0.745
 (U) : 0.663
 (U) : -0.073
 dU : 799.117
 U : 18.282

(V) : 0.075
 (V) : -0.025
 (V) : -0.997
 dV : -36.900
 V : -46.655

(W) : 0.662
 (W) : 0.749
 (W) : 0.031
 dW : 690.823
 W : 20.087

151

84117 ⁴⁴²₆₇₅

9 40.0

-23 41 00

HR3862
GC13344

1.00
0.36
1.06
2.2

4.90+52-03 2899

0.272

+4.20
14

[m] 220 +24

[c] 317 $\frac{+20}{44}$

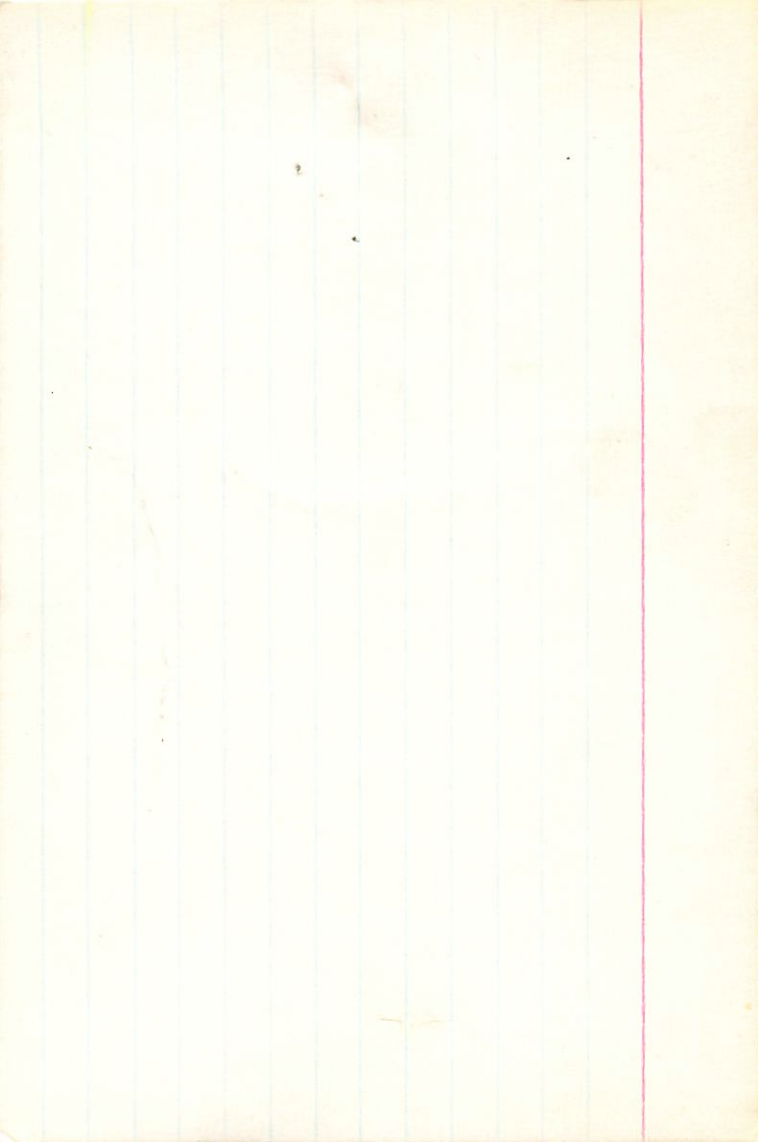
1338 168 1374 2.648 2 48.14

836 150 373

339 158

373

1.00 +41.7 -25.4 +5.7
+2170 +339 -428
435
262
435



84117
84417

$$\begin{array}{r} -0291 \pm 4.2 \\ -0292 \\ \hline 9 \quad 40.0 - 23 \quad 4647 \quad df = 7054 + 340a \end{array}$$

282

$$4.95 + 0.52 - 6.02$$

$$4.94 + 0.51 (+1.64)$$

84117

13394

6254

$$\begin{array}{r} 58.943 \\ 1.152 \\ \hline 0.095 \end{array}$$

$$\begin{array}{r} 1716 \\ 1115 \\ \hline 601 \end{array}$$

$$\begin{array}{r} 25.7 \\ 6.8 \\ \hline 34 \end{array}$$

$$\begin{array}{r} 50.977 \\ 8.243 \\ \hline 59.220 \end{array}$$

$$\begin{array}{r} 34 \\ 1 \\ \hline 35 \end{array}$$

$$\begin{array}{r} 13 \\ 1 \\ \hline 14 \end{array}$$

$$\begin{array}{r} 1910.5 - 400 + 2546.2 \\ -10.03 \\ \hline 35.54 \end{array}$$

$$\begin{array}{r} 28.50 \quad 1938.46 \\ +27.99 \\ \hline 26.2 \end{array}$$

$$\begin{array}{r} 40.19 \quad 1433.23 \\ 49.05 \\ \hline 29.20 \end{array}$$

$$\begin{array}{r} 29.00 \\ 6.54 \\ \hline 22.46 \end{array}$$

$$\begin{array}{r} 25.7 \\ 1.5 \\ \hline 24.2 \end{array}$$

$$-133.5 \pm 0.34$$

$$+35.2F$$

$$1910.5 - 400 + 2546.2$$

$$-392 + 2416.02$$

$$-0295 \pm 0.54$$

$$-02963 \pm 0.547$$

$$\begin{array}{r} 2.19 \\ \hline 26.1 \end{array}$$

$$-407$$

$$\begin{array}{r} 25.4 \\ \hline 25.4 \end{array}$$

$$\begin{array}{r} -404 + 7956 \end{array}$$

$$9.65$$

$$-20.7$$

$$-441$$

$$+258$$

$$0.45 \pm 0.50$$

15-2 mi

84737 9 45.4 +46 15

13497

41

6241 6240 +0217 -098 N3

 $+0.217 \pm 1.5 - 0.94 \pm 1.3$

66 ± 6 A(26)

17

46

5212

145

1. 2nd

2) 10/11

290 203

383 198

2607

382

1900-1920

324

13

016

5.5k

103

.A. : 9.750
EC. : 46.250
A. : 324.000
EC. : -91.000
ICE : 0.600
US : 13
L. : 5.800

U) : -0.763
U) : 0.024
U) : 0.646
DU : -620.692
U : -7.072

U) : 0.101
U) :
U) :

9.06

(1) 11-5-75+

80-25

314

Dec 22

8.12.40

72A(16)

(3) 525
(4) 1451

三

8622

473951

6327

406

9

581 422

10

5888 larval
+5625-3 F

+56

04157-4307 F108

5272-4301

623

430

101

45610

109

49793

8826

10 07.7 36 31 68 E - VI

203m4m

81 380

344 412 250

1140

4148

51 240 4148 111.16

232246 37121
2897 0.90

768 + 0.555 - 0.025

neu. n. I

-0.345 + 375 Cope R

111.1

-0.317 + 361 RHA + TC

3.5

-0.325 + 365

868 376 168 295 (1)

808 389 150 284 (1)

804 382 152

290

88261 - 328

40.215 + 365

150 + 111.1

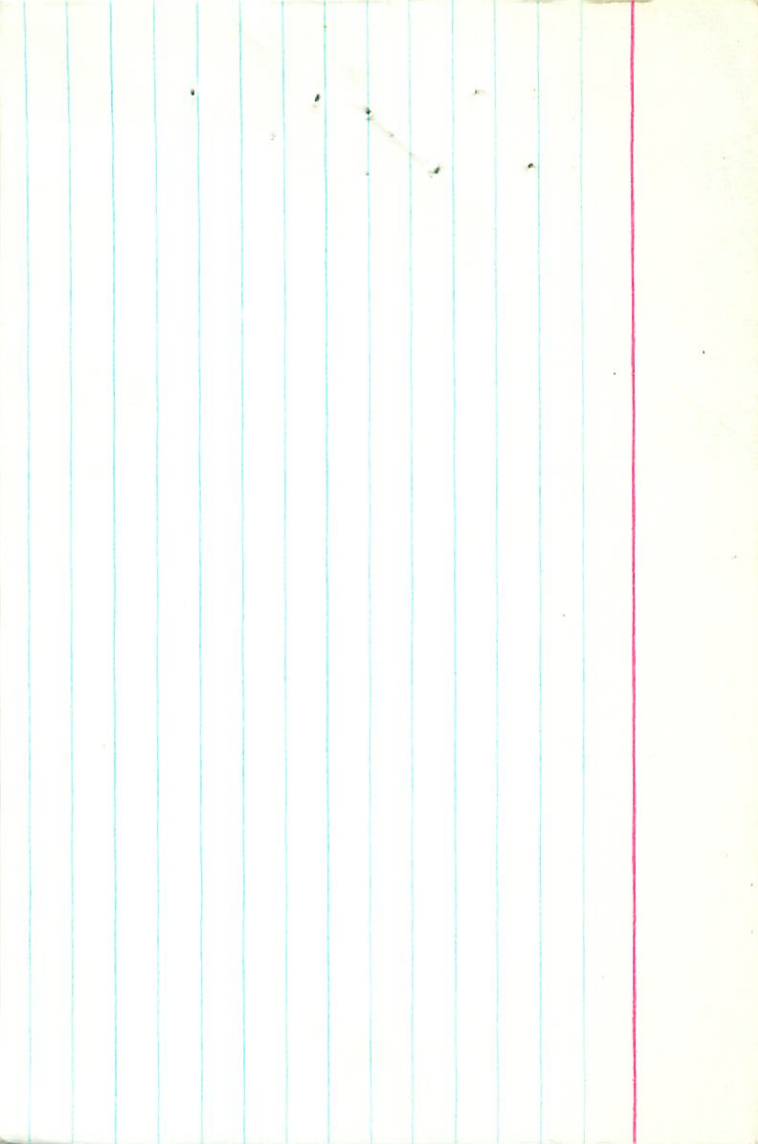
+ 7.7 3.16

- 0.55 11.1

- 0.265 + 365

- 320 365

348 865



L7T378

10 07.7

-36.31

+114 1 pl cap

-360680

8.09 + 55 1.63 2/10

(8.10 + 51 cap 0)

-3185 + 371 58 CP

$$\begin{aligned}
 & 471 - 882 - 595 804 - 318 + 371 + 114 - 221 - 681.420 \\
 & 150 \quad 104 \quad 280 \quad 195 - 213 \quad 1.810 - 81 \quad 43 \quad 04 \\
 & \qquad \qquad \qquad -87 + 98 - 32
 \end{aligned}$$

49

85

$$\begin{aligned}
 & -9 \quad 194 \quad 34 \\
 & -49 \quad -100 \quad 55 \\
 & 98 \quad -37 \quad 34
 \end{aligned}$$

$$\begin{aligned}
 & -102 \quad 224 \quad +74 \quad 01 \\
 & \boxed{221 - 94 + 85}
 \end{aligned}$$

907

10 07.7

-36 31

+135

63 E-VI +111.1(4)

C5

88261

42392

808 +60 (1.63)

502 +70

2,70

40 Y(10)

41616

40

-318 +371 CP

+2

-316 +369

-345 +376 CR

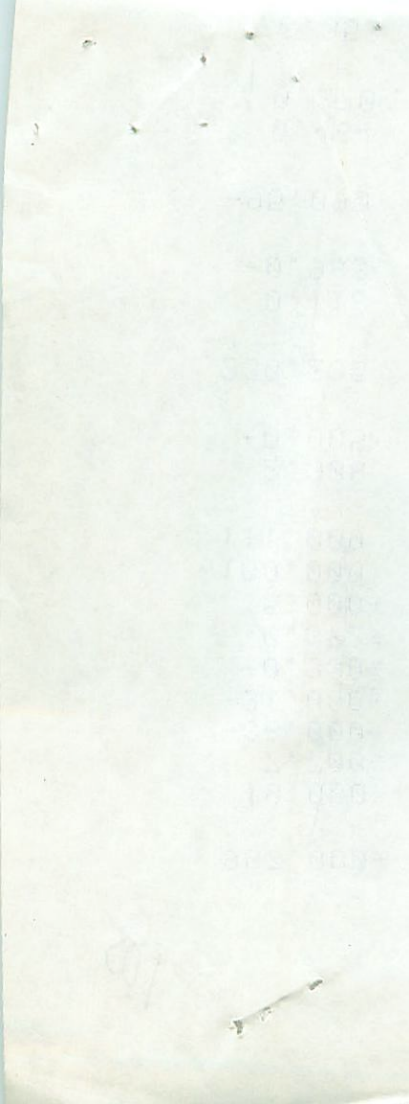
1.0

-330

+372

+24.86
-970

105



76" 92

072" 0

0" 464

060" 96-

096" 0-

0" 118

230" 235

500" 0-

2" 308

000" 111

000" 001

*000" 5

*220" 0

*000" 0-

*000" 10-

*000" 90-

*000" 7

*000" 01

*000" 206

105

1900

1901

1902

1903

1904

1905

1906

1907

1908

1909

1910

1911

1912

1913

1914

1915

1916

1917

1918

1919

1920

1921

1922

1923

1924

1925

88261.000*

00741
6.51

10.000*
7.700*
-36.000*
-31.000*
-0.325*
0.365*
3.500*
50.119
111.100

✓

28 3.4

3

2.269
-0.005

58 ~~50.2~~
-60.7

113.160 6.5
1.9 2.1

0.115
-0.963

-100

-104

-103

-101.222

105

0.452
0.270

+150

+41

52.648

+43

A.	:	10.100
C.	:	-36.500
A.	:	-398.000
C.	:	365.000
CE	:	3.150
US	:	43
L.	:	111.100
U)	:	-0.799
U)	:	0.601
U)	:	-0.000
dU	:	2252.083
U	:	96.049
V)	:	0.161
V)	:	0.213
V)	:	-0.964
dV	:	125.148
V	:	-101.731
N)	:	0.580
N)	:	0.770
N)	:	0.267
dW	:	453.313
W	:	48.992

105

H₀ 88725 10 11.5 +03 24 d 60 -24.2 8873

6C14049 2.76 +0.60 ^{-0.02} 6.12

+302338

w 2401

w 6456

+237-41366
+243 AR

+231¹⁷-40467

774 335 145 252 2543

0N17A(20)

775 354 166 256 2.5775

773 404 147 264

-5960 +1.67

6.248

15.17

2404 156 260 257

60153-404

229-404

229

-404

2.58

-23.7

454-891

~~891-454~~

0 1 +237-411-24.2 00 -1.550

-105 0 -211 0 -497 -1.000 -24.2 +22 -11 035

1 -29-26

4 15-42

-7 5-26

1 -35-20

5 19-32

-9 6-21

+8 ~~33~~ -56

~~-54-23-25~~

045

+11 ~~13~~ -43

~~+54-9-23~~

88725- G4470

88725

10

11.5

+0.3

24

260-24.28431

G614044

W6456

72401

+302335

7.76+0.60-0.02 G.I.V P

$\delta = 15$

+237 -413 GC

64
5.13/2

-44 -12 -23 .050

-53 -19 -23 .040

243 AR

231.57 404.36 Y

04777 H(20)

$$+0158 \pm 5.8$$

$$+0145$$

$$-413 \pm 5.3$$

$$-411$$

$$32.151 \quad 1898.8$$

$$+3 \quad 24 \quad 18.88 \quad 1897.2$$

$$\begin{array}{r} 32.151 \\ - 809 \\ \hline 31.342 \end{array}$$

$$\begin{array}{r} 27.81 \\ \hline 4069 \end{array}$$

21

$$\begin{array}{r} 31.792 \\ 25 \\ \hline .817 \end{array}$$

$$25.91 \quad 1932.8$$

$$\begin{array}{r} 6 \\ \hline 25.97 \end{array}$$

'038

(36.4)

$$\begin{array}{r} 0.832 \\ 31.100 \\ \hline 31.932 \\ 31.930 \\ -9 \\ \hline 921 \end{array}$$

$$\begin{array}{r} 1738 \\ .869 \\ \hline 1.527 \end{array}$$

$$\begin{array}{r} 62.23 \quad 1937.58 \\ 58.20 \end{array}$$

35.2

(38.0)

$$\begin{array}{r} 24.53 \\ 10 \\ \hline 24.43 \\ 27 \\ \hline 24.16 \end{array}$$

1.81
90

$$\begin{array}{r} 25.06 \\ \hline 44.00 \end{array}$$

-15163

4.51 (476)

88742 10 11.2 -32 47 G1E 4/13

HR 4013

G-614042

60343

4446

[27] 264 +1

[27] 274 -7

372 202 345 353

638 399 181 334

362-262 6.37+60 (410)

638 386 174 332

372 186 346

4446 143 328 167

4446 143 328 167

-0243+067

-364+067

1.70 +351 -445 -3.2

+1587 -229 -768 -440 +2

651 7159
-9443 326
-0376

1.61

443

(2) 12, 12, 8, 6

247

157

R.A. : 10.200
DEC. : -32.800
R.A. : -440.000
DEC. : 67.000
STANCE : 1.610
MODULUS : 21
VEL. : 41.300

q1 (U) : -0.808
q2 (U) : 0.589
q3 (U) : 0.021
dU : 1603.553
U : 34.523

q1 (V) : 0.178
q2 (V) : 0.277
q3 (V) : -0.944
dV : -223.214
V : -43.682

q1 (W) : 0.562
q2 (W) : 0.759
q3 (W) : 0.329
dW : -743.635
W : -2.037

054

39.60

(46.24)

-0296 ± 2.1 -106 ± 1.8

-0299

89125

10

+23 21

-0299

-108

5.8 dF3 738.28

14124

6483

29.745

1894.2

+23 21

27.60 1892.6

1.652

6.08

1025

14057712

-0299 -410

33.68

+2233

dmi
11m 8"

30.226

10244

-1087

28.86

14324

-448

236

29

42.0

29.09

1.3

+892

30.017

140

-412

28.55

1939.47

7237

26

-1.257

-411-105

29.52

36.2

48.06

25.75

17.59

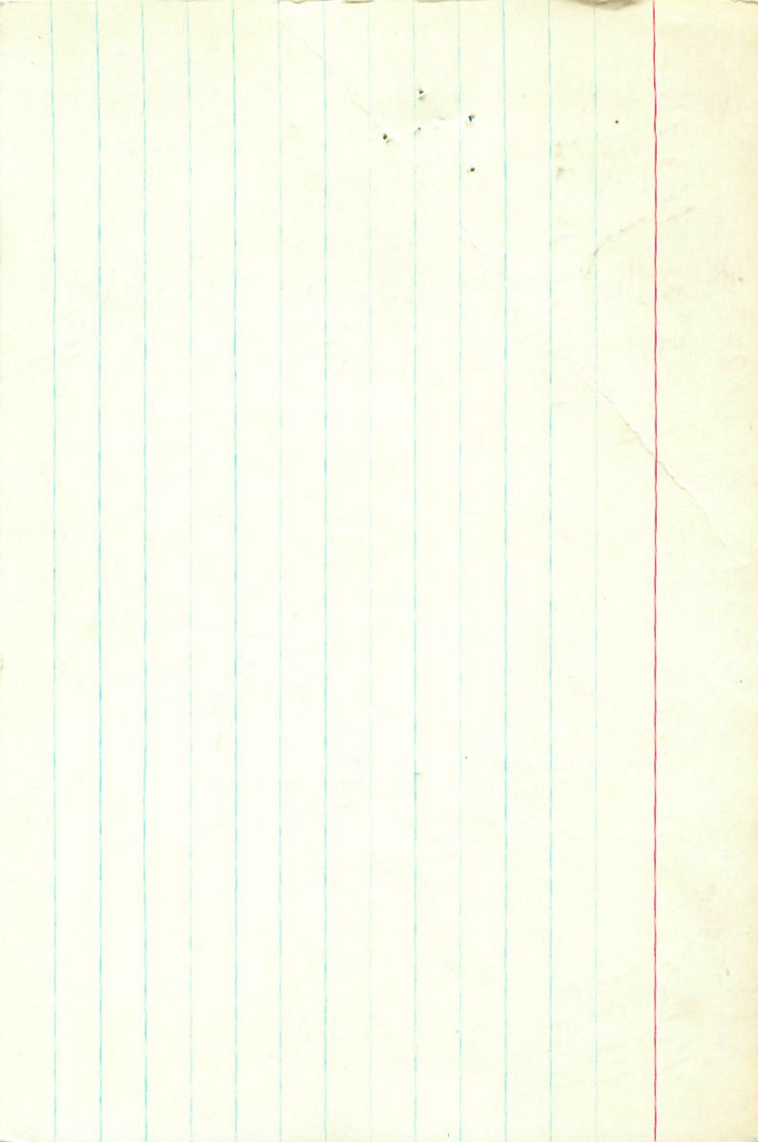
43.6

24114

-19

28.80

-4.88



427
1225
DF3

H2

89125 10 14.5 +23 21

1404034

6214124

5.82+50-5 J

11m8"

4M1

29 Sep

.336 .140 352 2 SPC-2.6153
581 343 133 352 45
582 386 145 137
331

3124
2817
282
110
21

[m] 204 143

285-4 140 +423-24.8 +123

137

+1415-821-1145

300

6335+397
1125
1125

0301-102-Carbury
5415-102-182
102512

452
1.42
+382

158

38.500 : (U) 1p

316.0 : (U) 2p

316.0 : (U) 3p

194.0 : (U) 4p

895.2441 : (U) 5p

325.24 : (U) 6p

316.0 : (U) 1p

316.0 : (U) 2p

316.0 : (U) 3p

316.0 : (U) 4p

316.0 : (U) 5p

316.0 : (U) 6p

316.0 : (U) 7p

316.0 : (U) 8p

316.0 : (U) 9p

316.0 : (U) 10p

q_1 (U) : -0.812
 q_2 (U) : 0.315
 q_3 (U) : 0.491
 dU : 1445.790
 U : 46.556

q_1 (V) : 0.186
 q_2 (V) : 0.938
 q_3 (V) : -0.293
 dV : -819.164
 V : -26.964

q_1 (W) : 0.553
 q_2 (W) : 0.147
 q_3 (W) : 0.820
 dW : -1158.266
 W : 9.061

$$\begin{array}{r} -0.95 \\ -10.5 \\ \hline -11.45 \end{array}$$

$$10 \quad 14.4 \quad -20 \quad 25 \quad F8V \quad -1.94C$$

89169

F01173

$$\begin{array}{l} 6.4 \{ 1.4 \\ 10.6 \end{array}$$

$$6.56 + 0.48 (1.60)$$

-14 [3]

$$+17$$

$$-105 - 0.29$$

$$-0091 \pm 10.6 \quad -042 \pm 10.0$$

$$23.324 \quad 1401.2$$

$$-0059$$

$$-0075 - 0.25 \quad 11.60 \quad 19006$$

$$11.52$$

$$444$$

$$968$$

$$-0075 - 0.27 \quad +2.07$$

$$9.53$$

$$-188$$

$$3.36$$

$$41.89 \quad 1934.07$$

$$-106 - 0.31$$

$$3.312.288$$

$$11.270$$

$$1933.2 \quad -27.68$$

$$9.54$$

$$9.57$$

$$9.57$$

$$23.571$$

$$17.88$$

$$9.33$$

$$+2.6 \quad 9.33$$

$$9.33$$

6.54 +0.331 +162 526

-1007

109



89169.0000*

10.0000*

14.4000*

-20.0000*

-25.0000*

-0.106*

-0.031*

3.3000*

45.709

-1.900

0.324

0.139

14.562

-0.162

-0.861

-5.780

-0.378

0.489

-18.185

109

R.A. : 9.650
DEC. : -23.700
R.A. : -435.000
DEC. : 262.000
STANCE : 0.640
MODULUS : 13
VEL. : 35.000

A1 (U) : -0.751
(U) : 0.623

15 km

84737 9 45.4 +46 15 5.2 d60 +5.2a

13497

4156 41

6291 4264 +0217 -098 N30

400 652

4156 +0217 ± 1.5 -099 ± 13

66 ± 4 A(26)

4156 N7

4156 N7

(380)

0 N13

-N12

290 803

2607

383 198

224-061

324

41

616

45.5

103