

22460 36 195 23 56.7 +6 35 FYIB

1109072 1. 4.02 +41 +55 +3900 Van
GC33262 4.01 +42 +75 -225

.266 .150 .630 (11) 5PC

274 (225)

28(w) Pac

2.6684 Out

146 - +121
+154 +177
525 3.00
+15.2 -26.2 -19.1
SIC 101019-1094 A54
11529 11515

(+175)

+376-685 -493

41518
+1514

+1916

1529
553

1529
553

4561

3719

3719

3719

3719

33



9072.000*

23.000*

53.700*

5.000*

35.000*

3.154*

-3.114*

2.250*

23.184

1.900

3.382

3.109

13.961

-3.692

3.581

-18.407

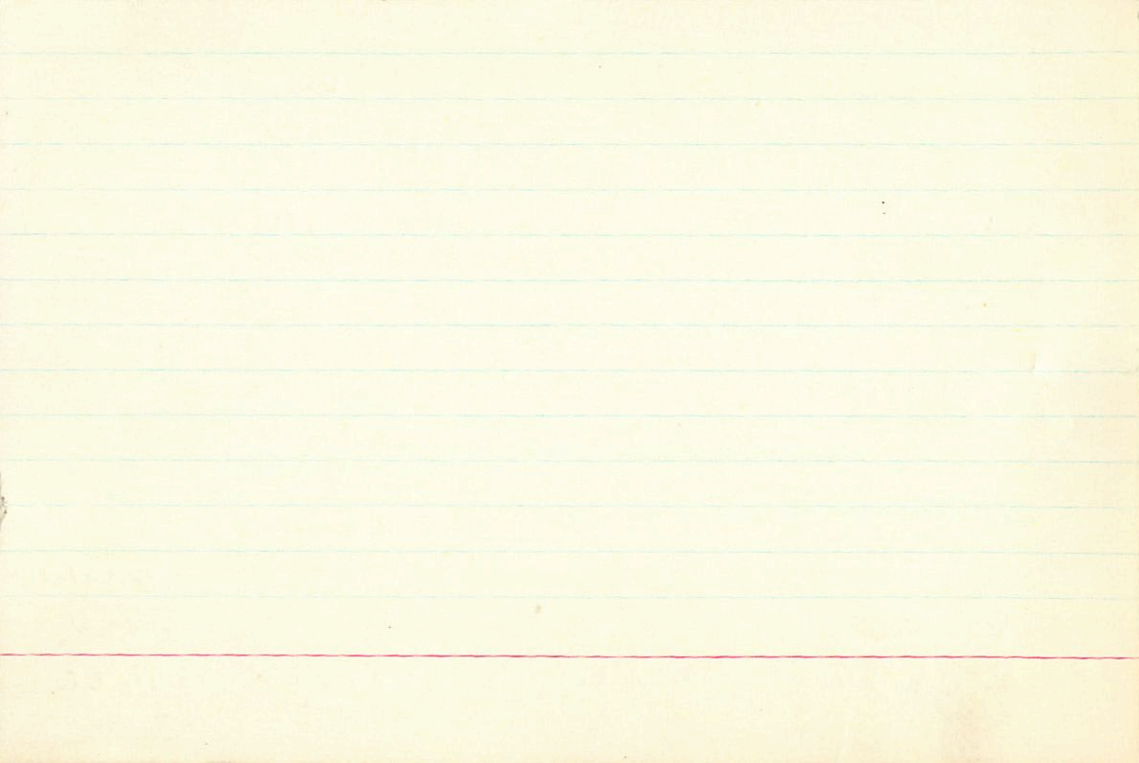
-3.447

-3.806

-14.137

195

33



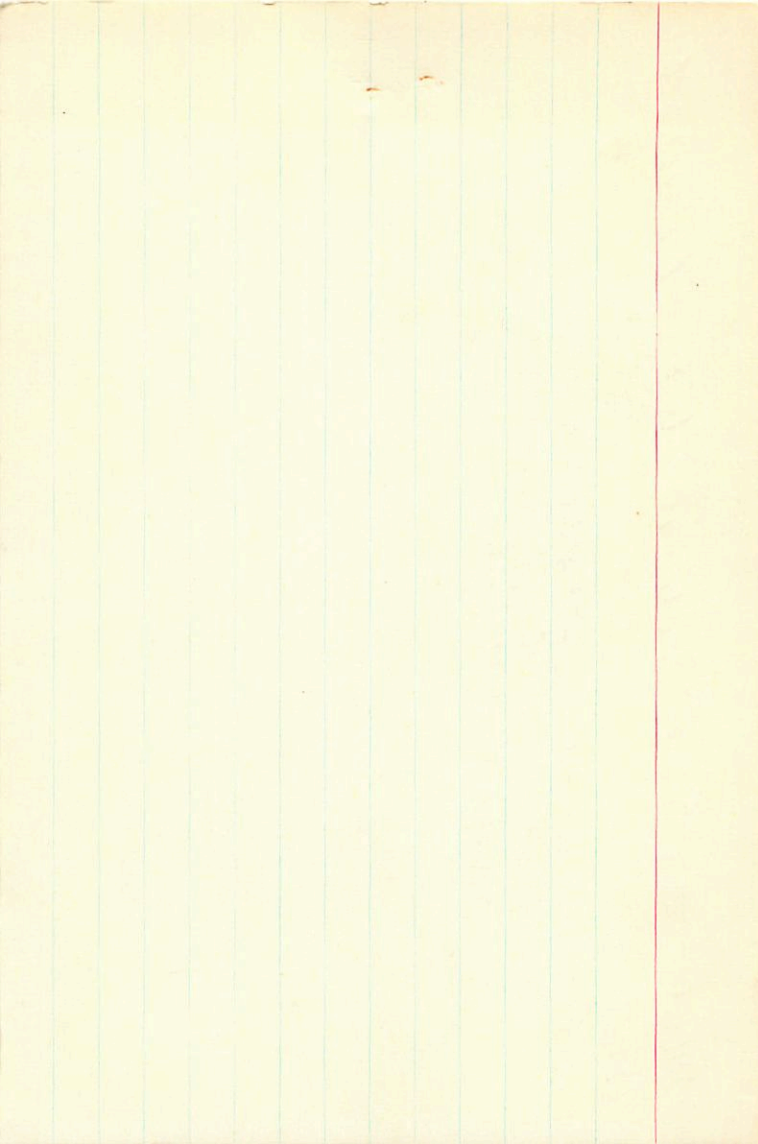
224661 23 57.1 -06 10 6.8 967 +13.28

33273

15015

+0024³³ -049³²N30

+0026^{±2.0} -051^{±1866}N30



HP 224677

3327600 23

57.2 -20-

23 709M2 -30.9

200 > -022

NW 15-0-16

6.83 + 1.62 + 1.95 ⑧

5.68 + 0.895 ⑨

5.28 20 8.00 = 4000

-18.0
-40.6
+11.1

~~3000~~ -027
+2
-0006
5009 -027

1000003 -0194
~~1000003~~ + 8
1000003 -0186
+10001
1000003 -018

1000000

873 484 019

446 748 490

198 452 254

~~0372 -0419~~

~~10190 -0638~~

~~108004 -0880~~

1652

~~0991 1660~~

~~0767 276~~

~~65100 454~~

-16.5

-44.1 -1.5

-26.8 -1.51

-45.4 124.8

-100.6

-91.8

-12.3

562 82
474
278

444
255

34

15018 23 57.5 119 46 9.5 480 +806 4W

BC33283

597 (1925) +03

+1905185 9.44 +0.79 10.38 1 100"

~~9.35 +0.92 +0.44 + 20"~~

-0146 ± 63 -201 ± 6.9

-194

17.41 1907.4

-0152

32.387 1507.6

619
33,006

-0146 -199

-0152 -192

32.505
8

-0149 -095 39.51 1939.84

16

513

34.67

-493

-6.30 50m.

+973 +434 +219

-445 +530 +722

-198 +728 -1.56

-8690 -1954

+4430 -2386

+1971 -3278

-10644

+2044

-1307

-53.2 +1.8

+10.2 +5.8

-6.5 -5.2

-51.4

+16.0

-11.7

+0068 ±10.6
+0051
-110

-111 ±8.7

-44 34 $\frac{63.18}{+3.0 \pm 0.5}$ 9(5)

6.30 + 75

224750 23 57.8

33292

$D_m = 0.5$ 0.4

+0044-109 Stay

+0044-0974+C →

+0053-105 →

+0048.5-101

+0052

+053-105

44.762

-330

$\frac{432}{1}$

27.417

17.305

$\frac{44.722}{884}$

$\frac{3.40}{0.5-94}$

44.740

$\frac{437}{109}$

1901.5

-44 34

3.27

1898.2

41.2

12.91

$\frac{640}{14}$

42

1898.2

5.75

$\frac{57.52}{8635}$

21.93

1924.87

43.2

$\frac{21.87}{1.09}$

$\frac{160}{2.44}$

$\frac{105}{4.16}$

3.69

$\frac{1956.48}{-14}$

3.85

4.50

1.289

224750.000*

23.000*

57.800*

-44.000*

-34.000*

0.053*

-0.105*

4.000*

63.096

3.000

0.027

-0.298

0.841

-0.550

-0.168

-35.179

0.090

0.010

35

224758

HR 9078

603093

23 57.8 +26 38 d'f 5

645450 +2 3E9V

223 +24

380 +187
+111

12.75

3.70

.340 .162

2.640 (3) Lat

320 +3.3 -92 -11.1
+76 -211 -284

+100310³² 0.06

+10030²⁴ -049 22.066

+100321 -0458¹⁶²
162 502

+0436

1045-050

36





10 000

224758 23 57.8 +26 38 6.4 dFS

33243

15021 50.082 1905.1 +26 38 25.93 18955

$$\begin{array}{r} -135 \\ \hline 49,947 \end{array}$$

28.8

$$\begin{array}{r} 2.48 \\ \hline 28.41 \end{array}$$

50.066

$$\begin{array}{r} -7 \\ \hline 059 \end{array}$$

$$\begin{array}{r} 039 \\ \hline +092 \end{array}$$

25.92 1935.86

$$\begin{array}{r} -8 \\ \hline 25.84 \end{array}$$

1251

$$\begin{array}{r} 4775 \\ \hline 33.9 \\ \hline 34.3 \end{array}$$

26.64 192769

$$\begin{array}{r} -2 \\ \hline 26.67 \end{array}$$

$$\begin{array}{r} 26.24 \\ \hline 2.18 \end{array}$$

33253

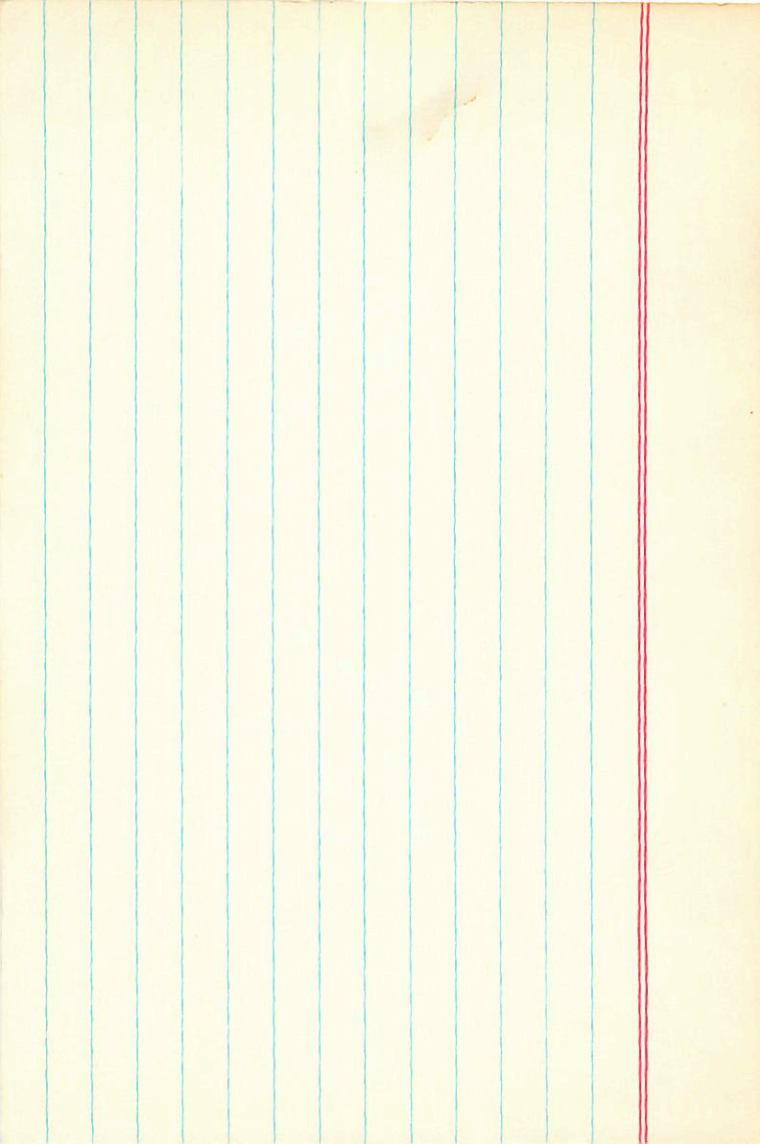
5.70 + 0.90

224834 23 58.5 - 49 05 G8III + 8.0 45d

-0006 -002 N30

-0017 -008 GC →

-0012 -006



0
 365
 70.5
 +52
 -0.33
 2355

+52-70.5

+50.5-64

+48 15

+56-64 16

+48
 +48-16
 0
 +48-16

204836

204836

0 21 10 23 5.85



25



Handwritten initials or signature, possibly "AS".

28.950
- 8.330
52.000
- 78.500
3.650
54
8.000

8.874
8.484
8.850
53.620
2.888

- 8.444
8.747
8.494
- 359.174
- 19.289

- 8.288
8.455
- 8.868
- 291.344
- 18.813

25

WZ Cas
224855
33308

186 d
-000 4 ± 6.9
+002

000 ± 5.9
> 0
922 N -34.08
-32

15027 424
2370

41.911 1905.2
018
42.029

160 4 37.32 1899.4
0007 000

25.65
16.1727

16.0 1925.2
20.86

41.8346
16/91

36.85
25
37.40
+08

878 184452
-4502054891
-188992-035

42.037
+002

37.0 1940.79
-14
26.84

408
-0208 0 83-14.9-1449 +30
+0107 0 413-295
+0045 0 416 412
42.0627
1058

38.53 1946.87
-29
38.24

331

$\frac{4}{7} \frac{1}{81}$

+0015⁸ +0005⁸ BL

2.16 + 2.84 424

5.40 + 1.24

) 5

$\frac{-1}{+0014}$ $\frac{-1}{+004}$

+010 +004

5.02

1.675

3.65P.

3.

2.40

878 184 452

+0416 +0035

+0451 21.4 +10

-15.4

-450 -054 841

-0213 -0010

-0323 -11.4 -42.1

-36.3

-188 982 -025

-0089 -0198

+0277

+1.1

WZ600

23

08.7

+ 10

0.5

- 34 8

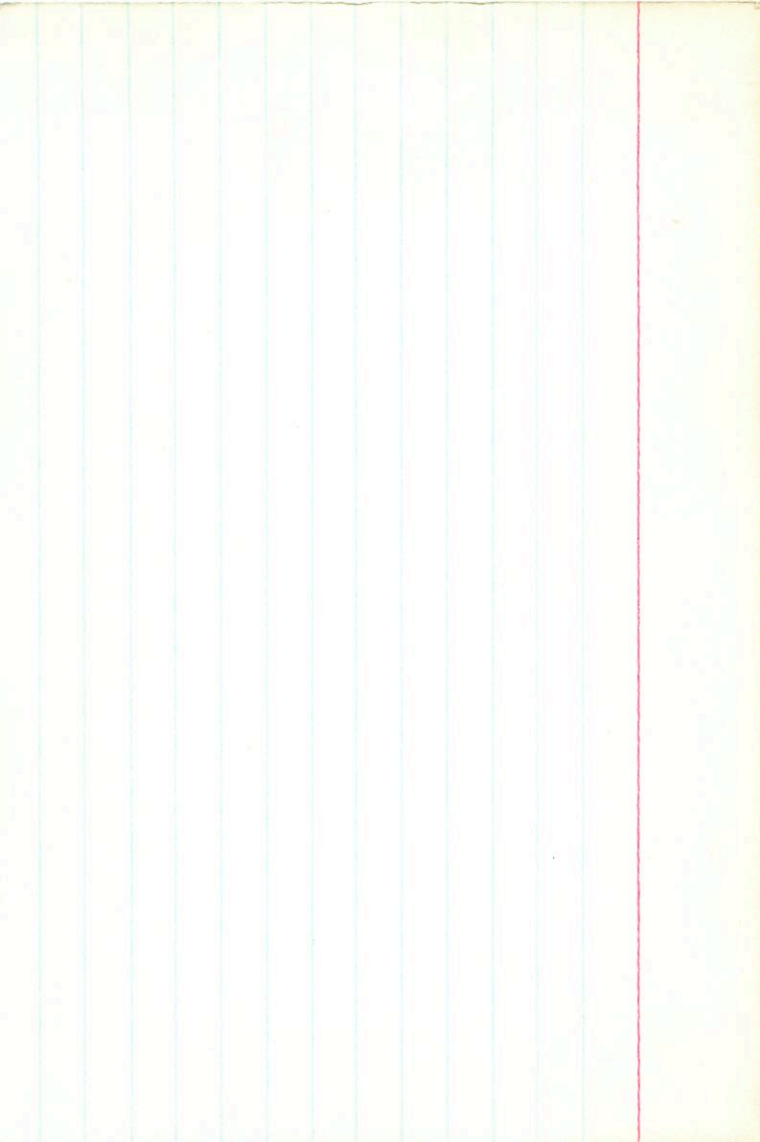
872-183 452
-450-054 891
-198 942-038

5000
- 7

4993

5000

0



AOS17175

23 5.8

+33 22

+0.48

0187

(193)

(+115)

8.62 + 805 + 375

648

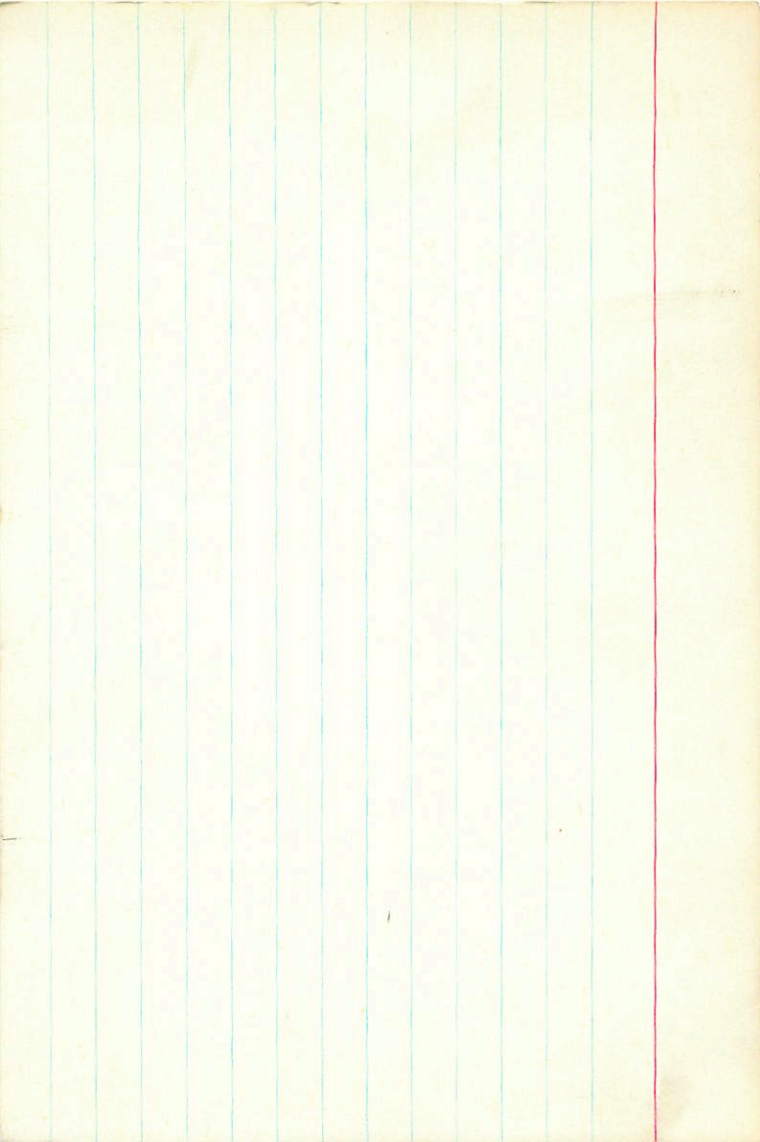
210

275

285

-0033 -063 vit

-039



224893

33370

15034

23 54.1 +60 57

57.5

3.025 1877.5 +60 54 40.51 1883.1

$$\frac{+72}{100}$$

$$-\frac{60}{39.91}$$

$$\begin{array}{r} 46.62 \\ 16.240 \\ \hline 2.170 \\ 3.031 \\ \hline 3.031 \end{array}$$

$$\begin{array}{r} 18.6 \\ 20.858 \\ \hline 39.458 \\ 47 \\ \hline 86.5 \end{array}$$

1926.5

151

86.5

$$\frac{40.01}{+10}$$

$$\frac{7194}{36.0} = 53.9$$

$$\begin{array}{r} 3.094 \\ \frac{26}{122} \\ \hline 076 \\ \hline -024 \\ \hline 40.34 \\ \frac{-9}{40.27} \end{array}$$

1545.44

$$\frac{40.34}{-9} = 40.27$$

-0010 ± 2.6
-0004
+009 ± 1.9 GC → M30
+002

5.7 A5 -23.08

30 Pac

224935

23 59.4 -6

Apr 11.8 a

HR 9089 224935

4.43 +1.64 cap

3330

+048 -0336-C

15043

+050 -034 N30

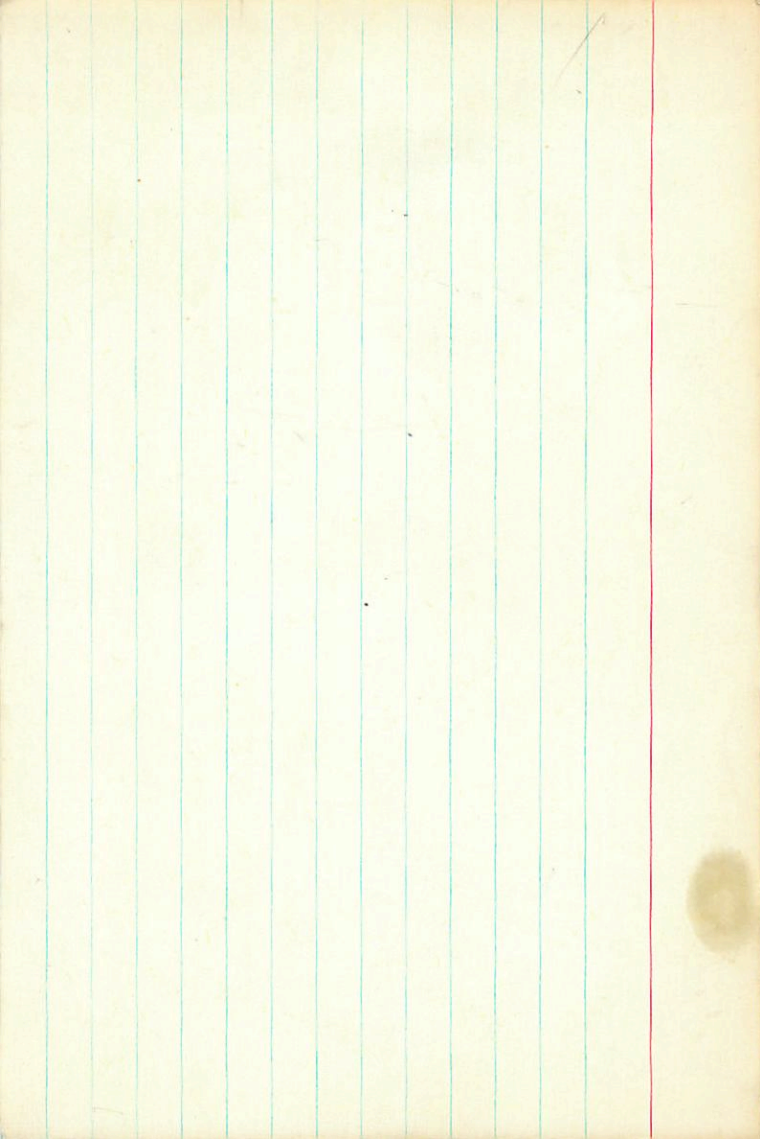
+003456 -03457 N30

+051 -033F

+003456 -035 ± 1.1 6.0 → N30

+050 -033

11923 -812
1158 Jan 9



0 Oct
224889
38821
W15085

23 59.1 -77 20

B-v Cape
4.79 +1.29

182.11

~~60.10~~ -175.10 N30

+23.7 e L(5)
+22.4503 c, (6)
+23.0 e

+21.1 3 d L

RC -055 -166

-47 -52 +49 .010
-35 -39 +28 .015

11510 7(10)

3.254 1911.8

642

3.898

-016873.4
-6129

-16673.1
-178
-77 20 24.87 1908.5

6.89

22.98

35.8

3.458
-134
3.324

28.57 1935.66

-6.95

~~112~~

28.45

8.43 952.6
47.2

514
3.257
- .641

5986
29.53

152

39.1

3.17

31.21 1955.60

3.140

-20
31.41

3 SA

23 59.7

-30

04 III

01

5.02 - 0.4

+12.5

GC 33337

46.200
 -034
 $\hline 46.166$

1901.8
 $+0007$
 $+0008$

57.07
 -20
 $\hline 57.27$

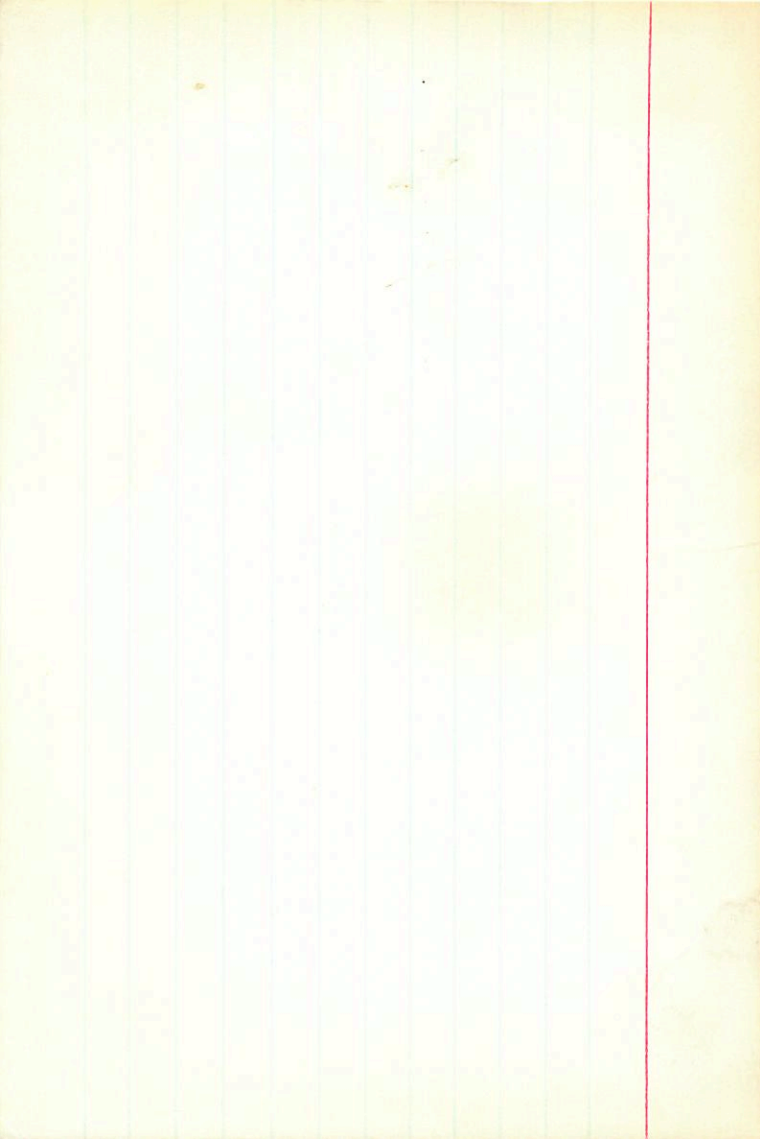
1899.4
 $+004$
 $+004$

46.273
 -25
 $\hline 46.248$

$+027$

57.26
 $+14$
 $\hline 57.40$

$+17$
 1940.36



224823
+28,5112

23 58.8 +39 29

+043

London

23
-10 72 -042

(H)

29 19.25

240-044

1205

9999
V097

9119
→ 912

080

+0865
4.55

1105

862 074
507-103
77
946

1444

PPM

~~24 31.0 114 44 188~~

28

Handwritten notes on a piece of paper, including a diagram of a triangle and some text. The text is written in blue ink and includes the words "DE" and "A".

DE
A

R. T.
DEC.

0.000
39.450
0.000
0.000

32Pac

225003 23 59.9 +0.8 112 5.8 dFO +9.6a

33341

15050

~~-0067~~ 3.2 -0.42 32 130

+2.7
+3.7

9093

-0068 ±2.2 -0.45 ±2.0 66 → 130

Carbury

208 155 603
645 2714

-0062-049

-93 5.69 113 1.035

-092-049

-49

3.15

6724

+9.6

39

1942
R.A. 1
DEC 1
R.A. 2
DEC 2
R.A. 3
DEC 3
R.A. 4
DEC 4
R.A. 5
DEC 5
R.A. 6
DEC 6
R.A. 7
DEC 7
R.A. 8
DEC 8
R.A. 9
DEC 9
R.A. 10
DEC 10
R.A. 11
DEC 11
R.A. 12
DEC 12
R.A. 13
DEC 13
R.A. 14
DEC 14
R.A. 15
DEC 15
R.A. 16
DEC 16
R.A. 17
DEC 17
R.A. 18
DEC 18
R.A. 19
DEC 19
R.A. 20
DEC 20
R.A. 21
DEC 21
R.A. 22
DEC 22
R.A. 23
DEC 23
R.A. 24
DEC 24
R.A. 25
DEC 25
R.A. 26
DEC 26
R.A. 27
DEC 27
R.A. 28
DEC 28
R.A. 29
DEC 29
R.A. 30
DEC 30
R.A. 31
DEC 31

R.A. :
DEC. : 0.000
R.A. : 8.200
DEC. : -93.000
TANCE : -47.000
DULUS : 3.150
VEL. : 43
9.600

1 (U) :
2 (U) : 0.873
3 (U) : 0.469
dU : 0.135
U : -489.736
-19.593

1 (V) :
2 (V) : -0.450
3 (V) : 0.667
dV : 0.7

97

5774 15 30.0 441 07 43

138129

20802

5.02+07+11 J

M. 9r

13.73

6657

8371

7462

5-470

137509
HRS 747
GL-2755

15 258 729 17

3.68 to 0.29 TAN 5

140 255 740 (38P 28425)