

-0069 ± 2.7 -034 ± 2.5
-0064

62 wt

13228 7 06.6 -2 34 7.1 dFS -11.46

1173

2574 37.166 1897.2 -2 34 2.554 18946

$\frac{364}{.530}$
+1.88
0.66

-0065 -034

21.274

$\frac{16.005}{37.279}$

$\frac{0.299}{299}$

37.264

$\frac{1}{263}$

$\frac{281}{-249}$

9.96 1933.40

$\frac{8.00}{8.96}$

582
291

94

$\frac{11.72}{2.7252}$

1939.22

36.3

41.7

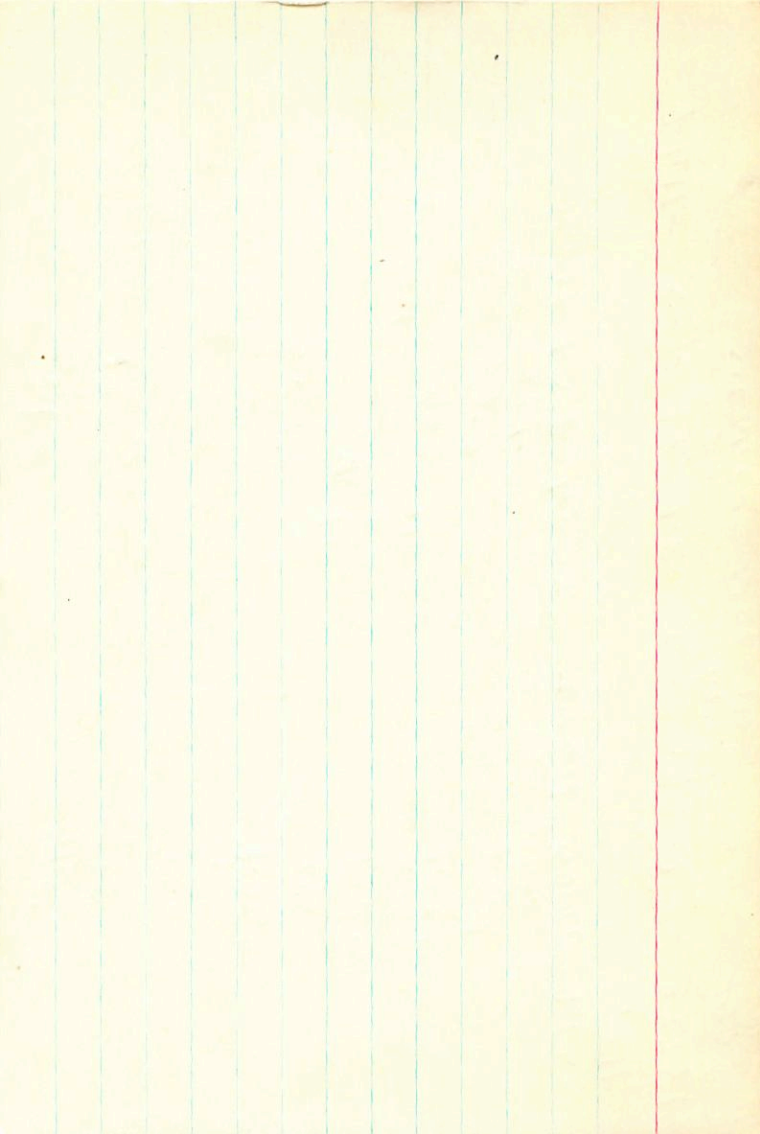
2.95

+38

2.6

258

-1.88



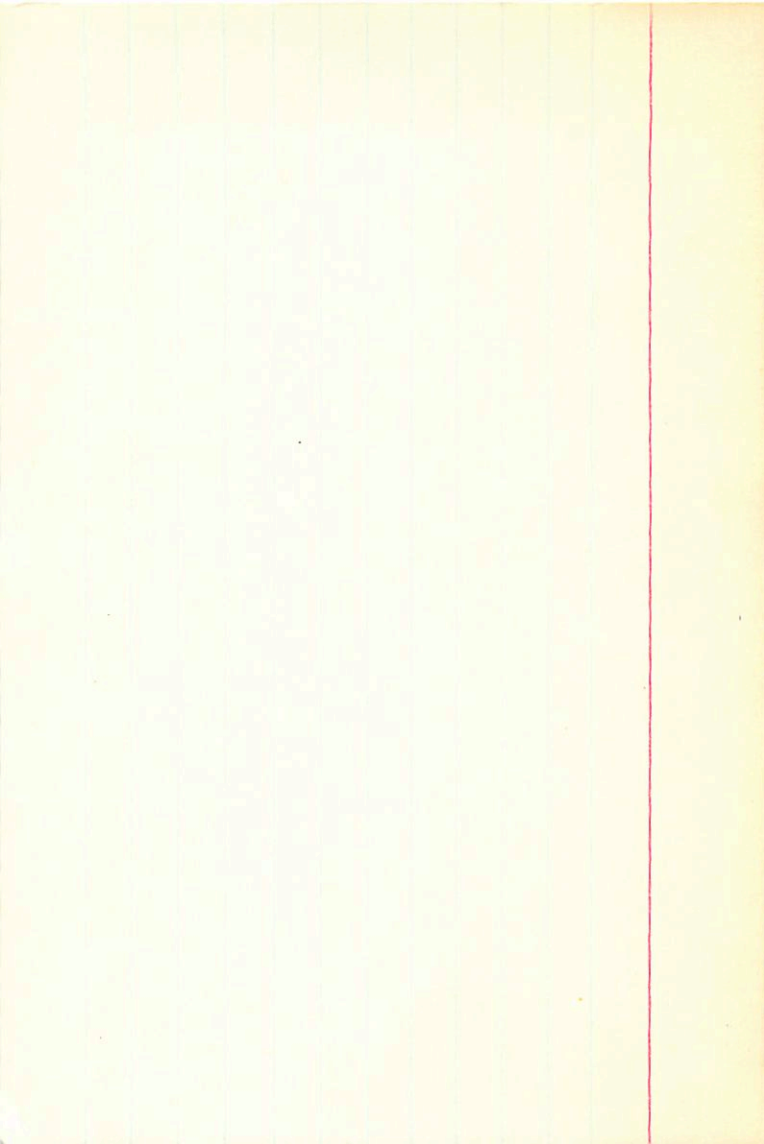
KP623

2 6.6 +25 42 +1

5.43
1225.
↓

6900. +074 -033 →

710	211	670	2450	-0330	2160	+149	+0.7	+15.6	-072
-600	587	495	-2245	-0918	-3163	-21.8	40.5	-21.3	-38.0
259	752	-503	1014	-1223	-0209	-1.4	-0.5	-1.9	-3.1



~~+00344~~

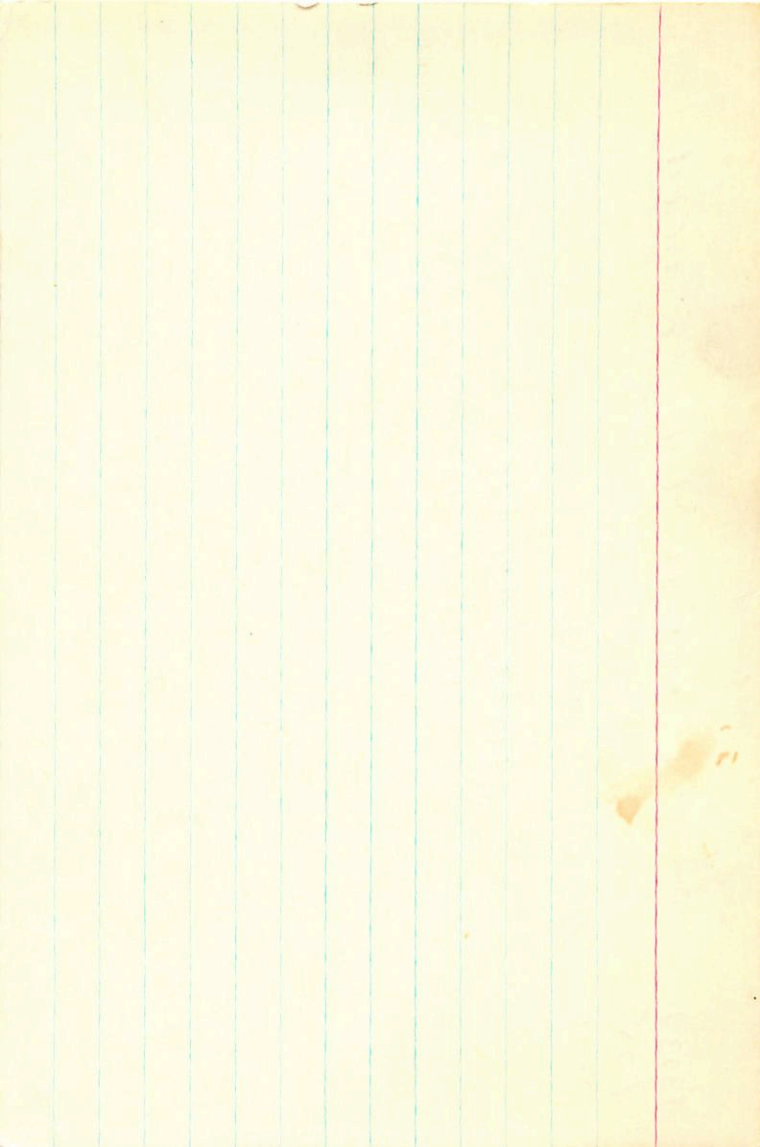
13137 2 06.8 +53 36 6.4 gGF +10.0 A

1175

2590 45.5 10 1896.7

+0023 -041 N30

+0033 ± 3.5 -045 ± 2.0 G-6mm to N 30



10051689

6077

+0091 -085 = 4.7
+0076 -074

13357

2 08.2

+13 27 5 11 8.4 10.4 +24.2 8

1184

8 | 8.9 10.8 +22.6 8

2607

9.339

1904.8

+10 26 56.39 1895.9 23.14 2

-411
8.928

4.60
60.99

97
83

8.144

+0083 -080
+2

1.97

29 |

9.144

58.02

1434.7

776 |
80

9.163

58.02

2.97

9.185
0.77

29.9

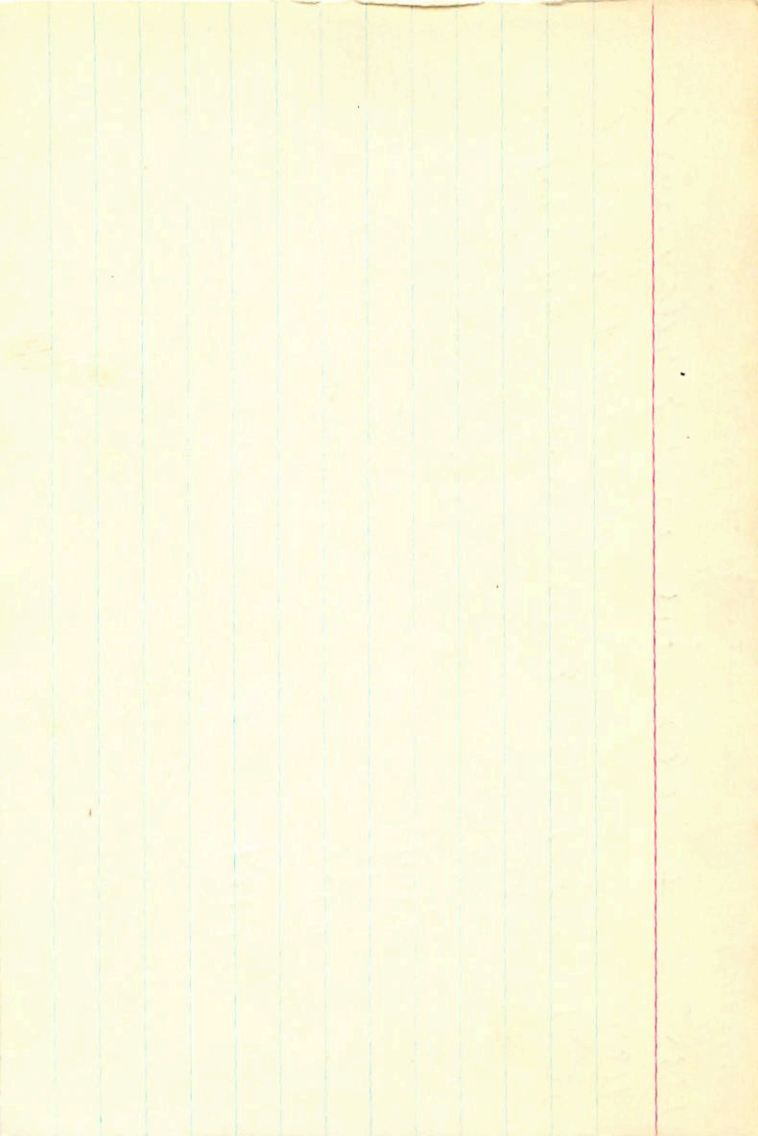
39 2.97

5-4.5-9 2.5 7

174

37.3
32.5

+246



HR 634

24270 960
1128
CP
1000
8000
1000
1000

24270
1000
1000
1000
1000

2 08.5

1000
1000
1000
1000
1000
1000

3027 55.15
1000
1000
1000
1000

6567

29272
1000
1000
1000
1000
1000

1000 1000

0355

036-011

25p
+5.54

+31 15

+036 -009
1000 9993
1000 9993
1000 9993
1000 9993

1000 -008
36

-26.16
1000

22.5

+2.7
+5.9
-8.2

+217

1140

-1308

1194 -0054

-1100 -0208

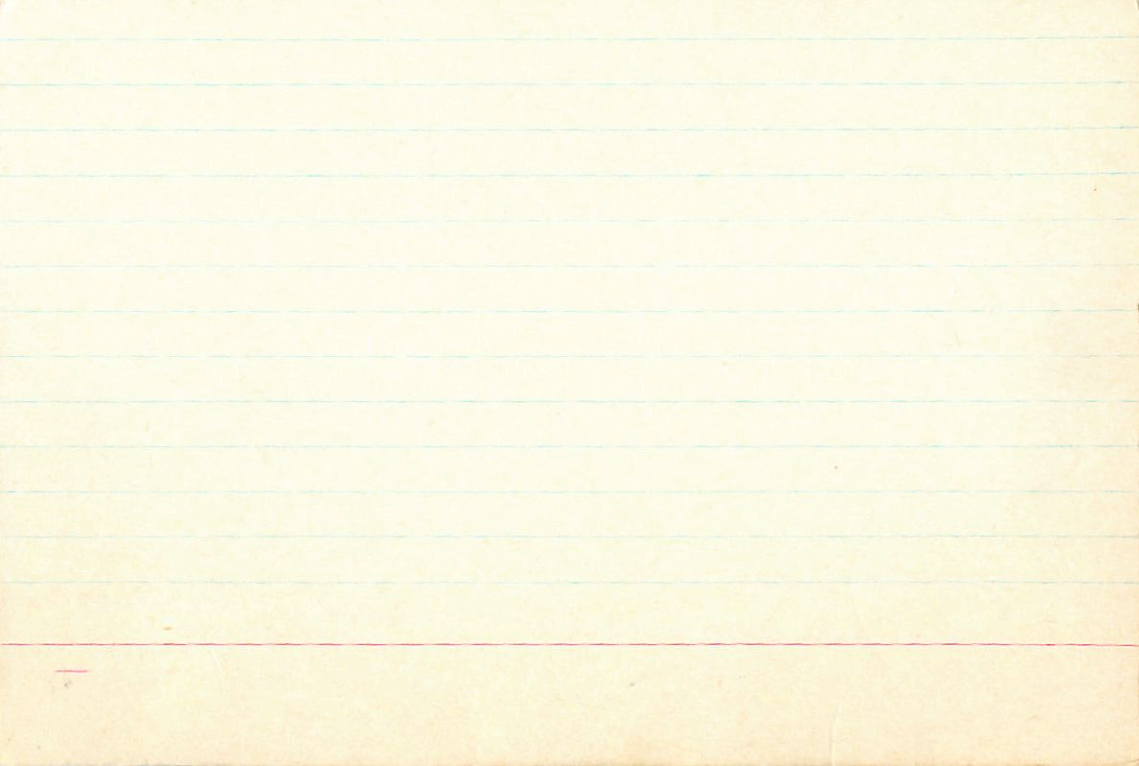
0524 -0312

700 144 659

645 549 532

307 824 -477

+0212



13442
 -15080
 2 087
 -51
 +20
 18
 673
 -035
 -036
 12
 18
 12

18.23 97.8
 1.11
 17.08

40.0.05
 28.159
 11.841
 3369

40.114
 20.050
 164
 2341
 +558
 18.03
 -22
 18.73
 +68
 18.30

10162
 -024
 187
 +23
 164

115
 115
 -3
 115
 115

W3456

2 08.9 -10 n dF2

300
669
287

HPL36

6.00 +40 (-4) C

GL2628

6.00 +.405 -0.03 2595

4217

6.00 2269 .167 .547 2678 (3) 2,4399

276

[a, 7] 218 +3

[c, 7] 953 +84
+84

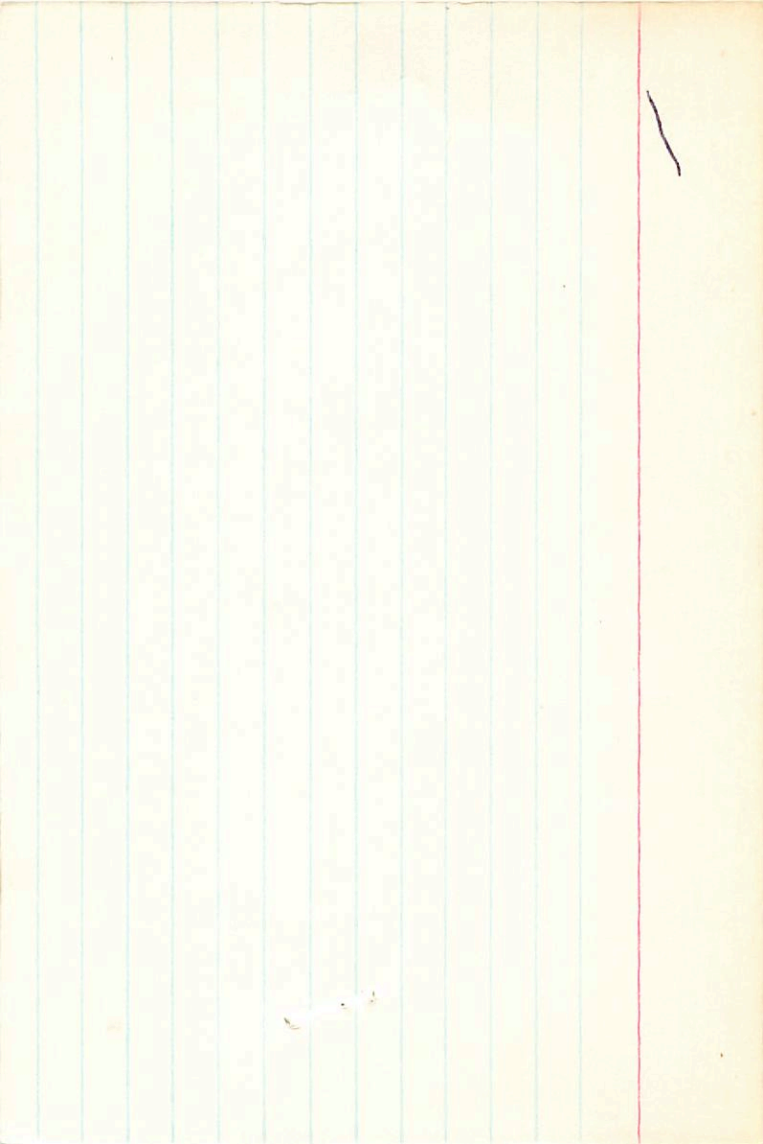
(285)

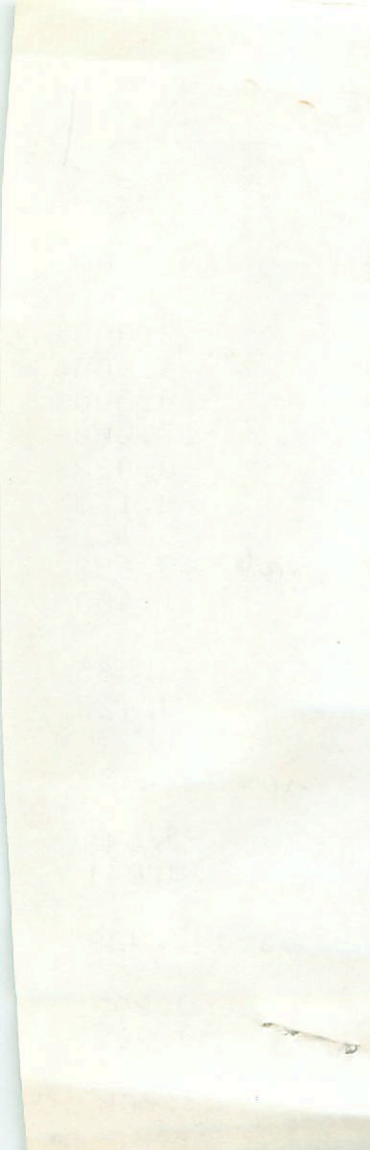
3.15

+15
+4

-12 -17
-00195 -1700 ± 5
-00209 -1717

+22 -89
-0307 1754
+11.4
-0288-175





633.000*

2.000*

3.500*

-10.000*

-17.000*

-0.020*

-0.175*

3.150*

43.6

42.658

11.400

-0.565

0.427

-20

-19.239

-0.548

0.041

-20

-22.929

-0.292

-0.903

-22.765

6468

13421 2 08.7 +0.8 20 5.7 dFF -17.76

1192

2619 42.470 1906.0

3457 A

-0095 -104 N30
-0095 ± 1.8 -107 ± 1.8 GC Cont. N30

635

-0095 -1055
-0095 -1045

65.55

42320
11010
509

449 -7826
-1082

5.23
4.43
1.93
0.76

1.95

-1418
-17.7
-140 -108

1718
6020
0.266
1.16

2

✓

1915

1916

1917

1918

1919

1920

1921

1922

1923

1924

1925

1926

1927

1928

1929

1930

1931

1932

1933

1934

1935

1936

1937

1938

1939

1940

2

13421.000*

2.000*

8.700*

8.000*

20.000*

-0.140*

-0.108*

1.950*

24.547

-17.700

-0.673

0.586

-26.887

0.063

0.283

-3.466

-0.496

-0.759

1.267

13421 2 08.7 +8 20 dFF

HR635

5.62 + 56 + 12 C

261966

6464

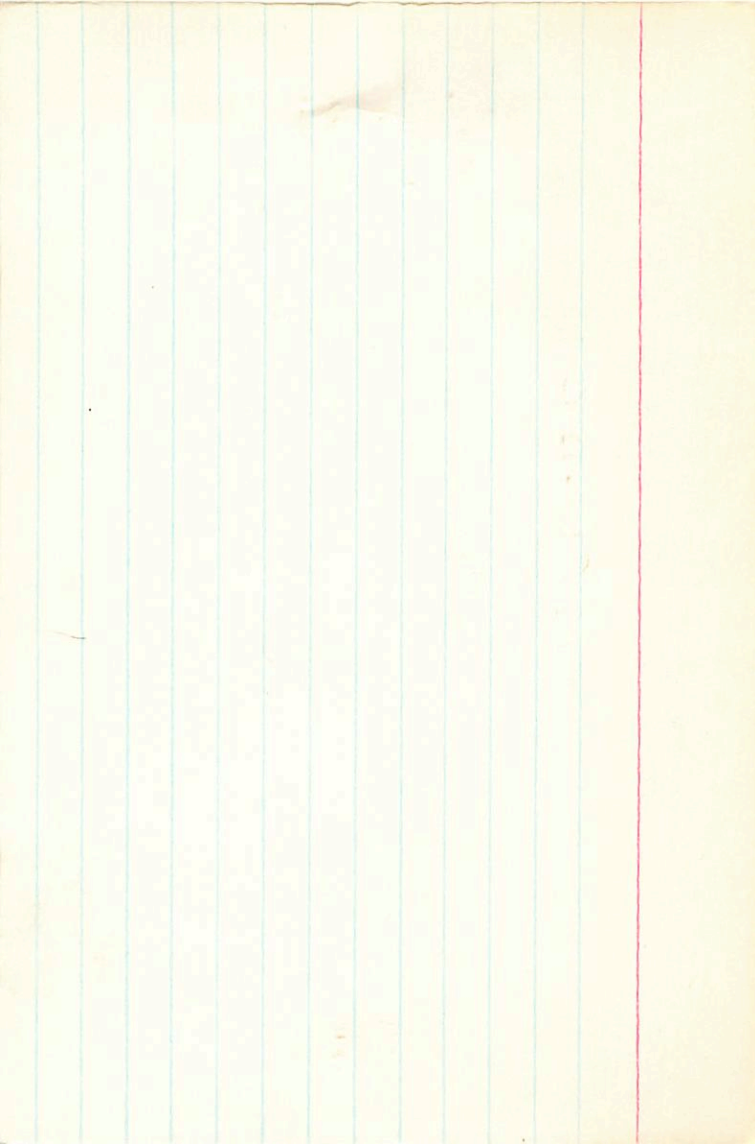
.366 .170 .462 ② SAC 2.627 ③ CT

567

494

[m] 236

[EN] 389



02-11-70

49 49

USB

2

~~715105~~
13588

1180 2870

793 082-244 923

+225 (D)
+234 (1)

1807 (mm)
+29

-4763

V 5m 2 19

+317
+132
+114

197

614
544

1000

1487

102
100 68-1009

614
-9

070-1009

724

1000
1000

1983 1389 1028 1481 1981

3

RAD. VEL. : 29.000
 MODULUS : 10.000
 DISTANCE : 0.140
 FM. SEC. : 0.000
 FM. R.A. : 0.000
 DEC. : 0.000
 R.A. : 0.000

P1 (M) : 0.000
 P2 (M) : 0.000
 P3 (M) : 0.000
 P4 (M) : 0.000
 P5 (M) : 0.000
 P6 (M) : 0.000
 P7 (M) : 0.000
 P8 (M) : 0.000
 P9 (M) : 0.000
 P10 (M) : 0.000

P1 (M) : 0.000
 P2 (M) : 0.000
 P3 (M) : 0.000
 P4 (M) : 0.000
 P5 (M) : 0.000
 P6 (M) : 0.000
 P7 (M) : 0.000
 P8 (M) : 0.000
 P9 (M) : 0.000
 P10 (M) : 0.000

3

R.A. : 2.150
 DEC. : -46.800
 PM. R.A. : 102.000
 PM. DEC. : -9.000
 DISTANCE : 6.140
 MODULUS : 169
 RAD. VEL. : 29.000

q1 (U) : 0.702
 q2 (U) : 0.712
 q3 (U) : 0.005
 dU : 202.095
 U : 34.311
 → 31.3

q1 (V) : -0.644
 q2 (V) : 0.638
 q3 (V) : -0.422
 dV : -240.303
 V : -52.860
 → -44.3

q1 (W) : 0.304
 q2 (W) : -0.293
 q3 (W) : -0.907
 dW : 113.001
 W : -7.188
 → -8.9

60 And +RUB

13520

2

10.1

+44 00

5.1 gms -46.3a

1207

104II

2645

-0019 -012 N30

-0021±2.4 -009±1.9 GC 6m TUB30

-480 Orbit

505-600

13474 2 10.5 +66 17 6.2 dF2 -12.18

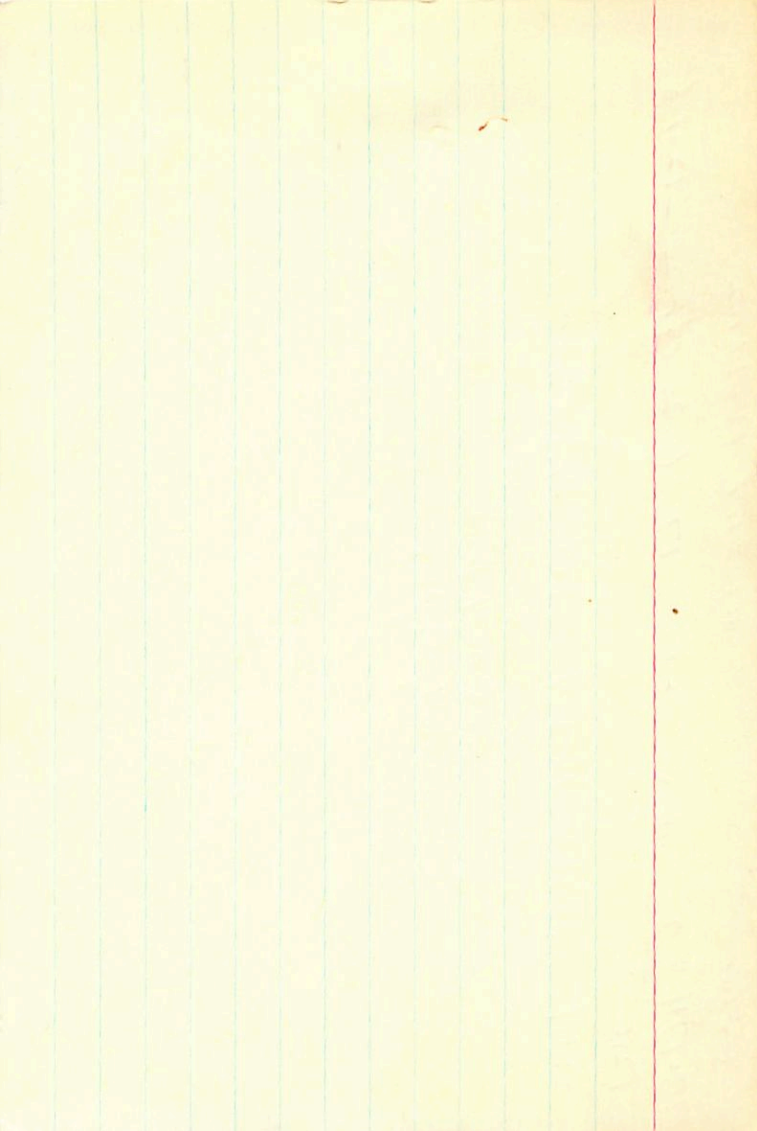
1214

2661 31.765 1906.4 +66 17 29.30 / 901.3

-0005 +001 N30⁵⁷

-0014 ±14 +001 ±1.2 -0.0

-0010 ±1.4 +001 ±1.2



13249

2 '08 + 25 17

F7E

-13.3 AM

09 95 200

4000 7 264 6000

4004 264

10

264

4000

133

4

HD 12721

$2 \begin{matrix} 8.6 \\ 11.2 \\ 13.6 \end{matrix} - 10 \begin{matrix} 13 \\ 0.0 \\ 16 \end{matrix} + 1 \text{ or}$

$8.55 + 0.25 \quad 0.00 \quad F0 \text{ E}$
 $S=09$

+031 -115 Y

10016 108 (Chulby)

824 108

9922 5230

1243 -8523

537 843 -182583 +031-118 +1 0210-535

-017-011 026 015 005 071 +1 +1 +1 011

067 25

0 7-23

0 -1-38

-1 -1-23

0 8-29

1 -1-17

-2 -1-29

+1 +8 -50

-76 -42 -25

+2 +9 -62

-21 -50 -32

009

-0.7
0
+0.3

-17.4
-70.4
-28.1
135m

$$\begin{array}{r} 1277 \\ 5216 \\ 2143 \end{array} \left| \begin{array}{r} +0451 -1728 \\ -0448 -4268 \\ +1028 -3171 \end{array} \right. \begin{array}{r} 1540+ \\ 8460- \\ 3171- \end{array}$$

307 309-900
700 567 433
645 763 642

+0.3 (10-11.8) = 11.8

135m

-26 -66 -10.008

0.24 nos

table nos

$$S = .04$$

$$\Delta I_m = \frac{I_m \Delta t}{T} = \frac{0.24 \times 10}{17} = 1.41$$

(Circuitry)

$$8.55 + 0.25 + 0.00 = 0.2 R$$

-10452

+0.8 (2.5 (13))

59

11.2

2

13721

3w

13543

2 10.4 +57 34

8.9 g66 -20.9

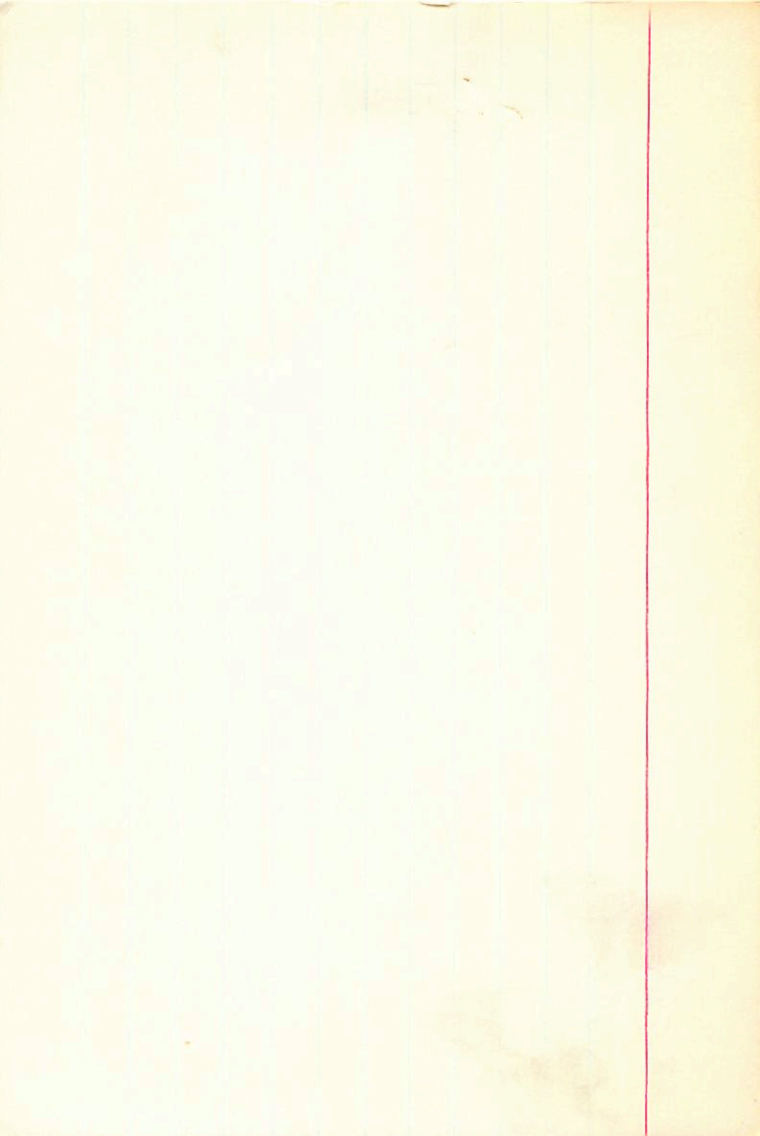
+570521

W1217

536
 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

70063 -0487
 - 4 +2

 70059 -046
 0 +1
 1048



1240322

13610 2 10.6 +25 09 8.6 60 -48.58 4D

C287

1218

-078	-121	4
<u>+1</u>	0	0
-077		

$F8\overline{10}$

5.



5

13610.000*

2.000*

10.600*

25.000*

9.000*

-0.077*

-0.121*

5.000*

100.000

-48.500

-0.378

0.683

-70.868

-0.109

0.472

-33.820

-0.555

-0.558

-28.423

G 4-6

2 110

+11 43

- 5-7.0 Sum

+110299

10.64 +5.5 -0.9 14

M₁ P₁ →

5.45

117

20.42

-60.65

+50.79 -0.34 T

+0.179 -0.32 → 13

Sum

2.2

1117

264

-32

5.10

-89

+203 -0.32

15/59

②

3.200 : R.A.
 11.700 : DEC.
 249.000 : PM. R.A.
 -32.000 : PM. DEC.
 5.000 : DISTANCE
 100 : MODULUS
 -29.000 : RAD. VEL.

0.995 : p1 (U)
 0.300 : p2 (U)
 0.010 : p3 (U)
 812.874 : qb
 44.794 : U

-0.040 : p1 (V)
 0.995 : p2 (V)
 0.312 : p3 (V)
 -912.000 : qb
 -109.819 : U

0.312 : p1 (W)
 0.010 : p2 (W)
 -0.750 : p3 (W)
 298.832 : qb
 23.000 : W

6

R.A.	:	2.200
DEC.	:	11.700
PM. R.A.	:	269.000
PM. DEC.	:	-32.000
DISTANCE	:	5.000
MODULUS	:	100
RAD. VEL.	:	-59.000

q1 (U)	:	0.695
q2 (U)	:	0.366
q3 (U)	:	0.619
dU	:	812.874
U	:	44.794

q1 (V)	:	-0.646
q2 (V)	:	0.695
q3 (V)	:	0.315
dV	:	-912.060
V	:	-109.819

q1 (W)	:	0.315
q2 (W)	:	0.619
q3 (W)	:	-0.720
dW	:	298.835
W	:	72.343

13626 8.46 +2.13 +0016±5.4 +024±5.4 +037 +037
 VAm 2 12 18.129 +12 0 23.41 1906.1
 +110305 1509.7

98 24 39 196 23

2 12 18.129 -00264
 1909.7 0 +12 0 23.41 1906.1
 +0024 +030
 +0024 +032

18.136 14 150
 23.56 15 25.89
 24.7

139 1075
 23.5 1930.0

18.129 126 126
 23.41 28.3

1802
 1505
 1577
 52932
 +1.04

Whendantin

You want to have long hair

You may not want to go back to work

You should find help in many places

Cartan's

$P=0.085$

~~H₀~~

RV Ani

2

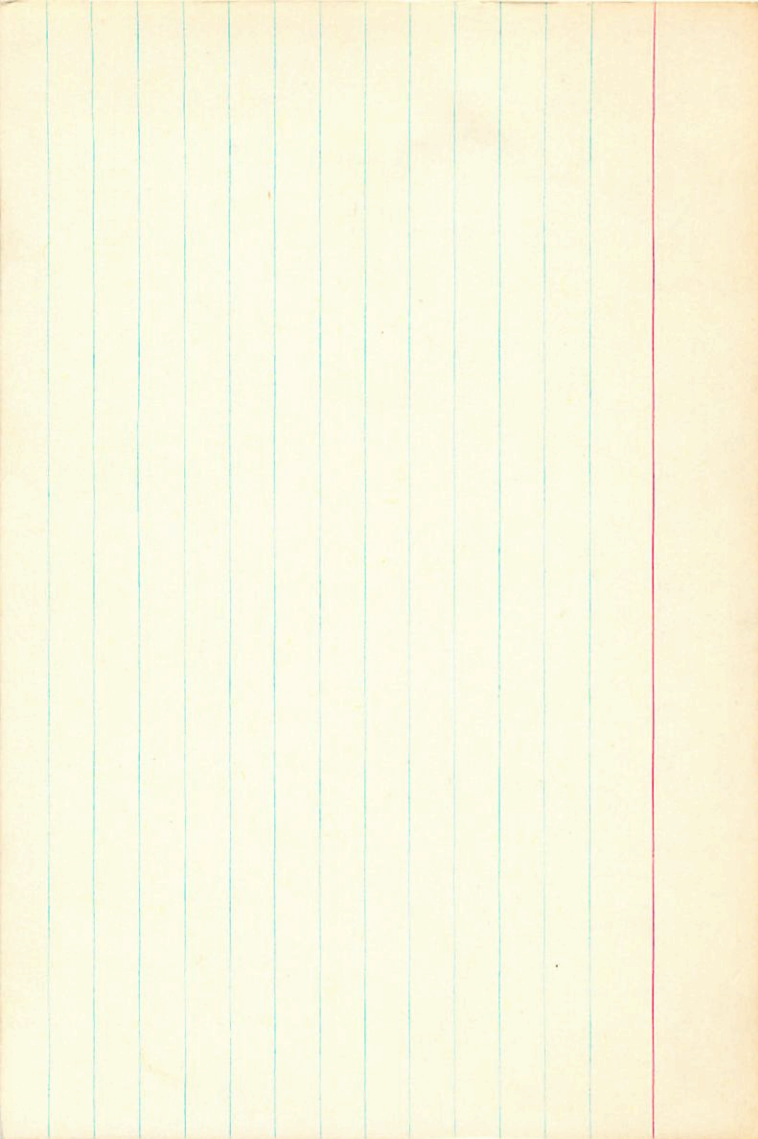
12.4

+17

$\delta=1$

$t_{35, \alpha/2(1)}$

-0.17 -0.02 vs



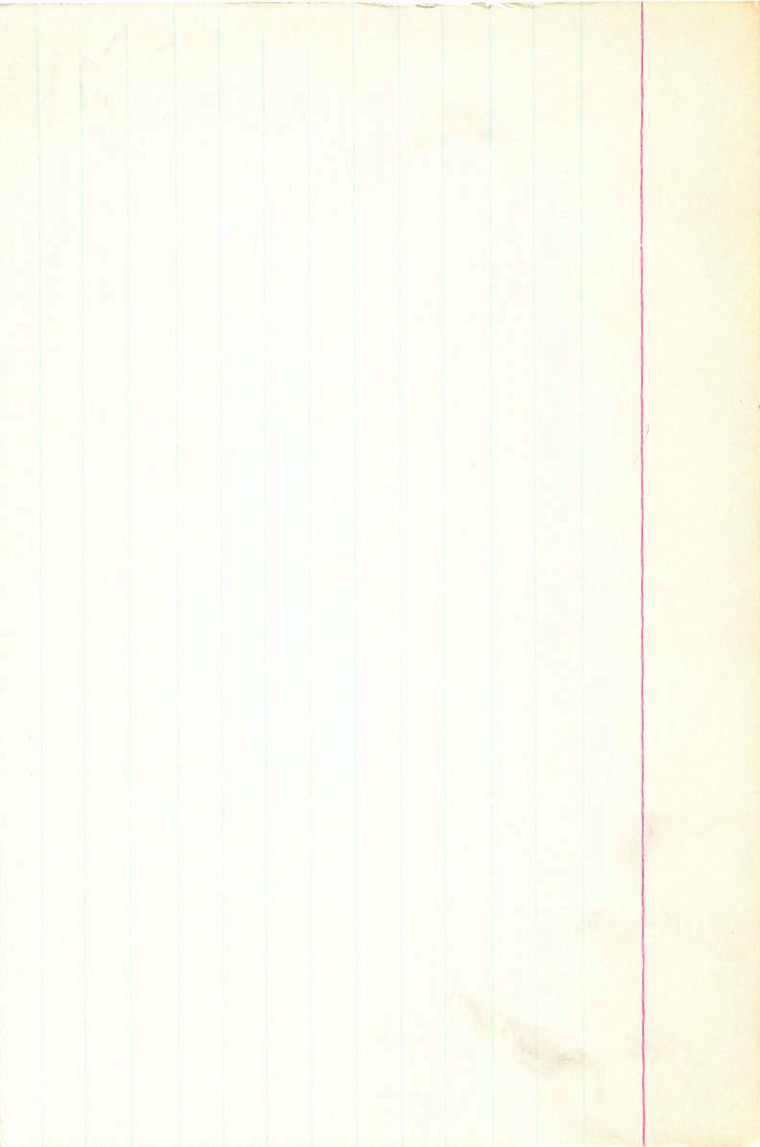
6.3

17R653 2 12.7 447 35 +15.7

0650221

$$\begin{array}{r}
 +060 -069 \text{ CL} \\
 \hline
 0 \quad +1 \\
 +060 -068
 \end{array}$$

694 -066 716	+1974	+0213	+2187
-446 380 660	-1537	-1225	-3062
316 922 -221	+0900	-2972	-2072
			+11.2
			+10.4
			-3.5



20 Apr 13871
13871 2707
14R656 1244

W1244

+0129 ± 2.6 -060 ± 2.1
+0131
+0128
2 12.9 + 25 33 -062 DF3 +26.0 8

+0128 -065
5.8 +174 -060 G
+0128
0128 -061 +174 -067 F

53.882 1900.4 +25 33 7.17 1900.3

-640
242

53.744
6
75-0

+0128 -054

173 ↑

2.98
10.15

7.53 1939.21

1
7.54

0128

173-065

53.913 54.082 6.07

-10
53.903

661

-9
673

-16
591

65.32

6.92

+03
6.95

320

1952.21

8901 9946 } 1788
1068 854 } 1710
4558 -1038 } -10.5

548 837 432 502 +174-063 126.0-027+11-320
-095 015 146-023 -341 763 +23.4 +20 +13

+6 +43 0

025

+39 -16 -12

022

+5 +46 -1

+40 -19 -11

13892

2

12-5

724 48

44

(187)

PNV

-088.2 -087.5

9711

7489

1231

-1435

6017

04168

115
405

13871

2 12.9 +25 33

df3

HR656

0.4 ^{banding}

270762 40132

5.80 +44 00 2344

3.7

20Aii

288

.171 .458 205PC 2.655 3ct

[m] 223 ✓ +1 0

2.7

[c] 440 ✓ 79 +16
69 +19
149

+14

+0285

20 .6ct

01288 -0590

9947

644
937
24

+1743

+325

268

1175-063

+26.08

1332

502
4

386

193880
4

174266
4

15



47

656.000*

2.000*

12.900*

25.000*

33.000*

0.175*

-0.063*

2.650*

33.884

25.000

0.514

0.691

35.361

-0.716

0.470

-12.022

624459

13783

602711

~~602711~~ 41246

7459

+640312

-325 (7)

2 13.0 +6444 dg5 +31.06 w14)

829 +0.66 +0.12 G8Z R

S=08

w1+4.9)

±12

-264 -329 ±11

-349

-342 GAR

-357 -336

334(7)

96(18)

2058

548 836 904 427 -357 -336 -310 -304 -28-675
196 167-298-251 2.132 -621 -13.2 -11 -7

190-37-60 0.024

-53 416 -100

13783 2 13.0 +64 44

GC 2711

4 459 8.29 +0.66 70.12

GC
-366 ~329

-53 +14 -105 .0225

-31.08w(4)

33w(7) 20.58
96(r)

59.045 - 1910.8
 -0572.712.2
 -0584
 +64 43 31.59 1909.2
 -32D
 -329410.6

$\frac{2.242}{1.287}$

$\frac{13.42}{45.01}$

59.450
 -1
 59

$\frac{33.43}{-3}$ 1945.25

$\frac{5.21}{-4.92}$ 19890
 $\frac{0.13}{-1}$ 59.45
 $\frac{443}{442}$ -1.342

25.5

$\frac{33.40}{39.4}$

1927.3

255

$\frac{1.35}{40.15}$
 $\frac{39.80}{39.25}$

$\frac{36.3}{27.1}$

$\frac{34.85}{36.62}$

$\frac{8.39}{8.39}$

xo

+0016

+023 -12 FEB MC

+032 -18

+025 -16 MC FIR4 → LOW ± 40
+032 -20 Yalen 2 ± 40
+038 -18 Members ± 30

" 033 -18

" 033 -019

RANI

13413

2718

1250

Jan 1350

2

1250 1250

76.075

1505.2

+24 49

30.32

1506.8

13.3

+0032 ± 3.5

-020 ± 3.6

+032 -014

+0025

-012

7.22 gm 30 HIVE

15.984
-143
15.932

+0025 -0016

23.7

+0027 ± 0.14

15.984

992

Perche
Bul.
1950

31.18

∞

30.50 1927.91

30.84

28.9
22.1

6 - 350

+000

+0018 -010

30.9

1929.9

+008 = (10-0) 15.99

+0025 -012 New
+0017 -012 Nelson
+0024 -016 Yale

30.81

+33
-18

459 + 84

996

LV Value

30.84

436
315
410
0.15

9.2 b.b's
+148 10.84
10.55

+0021 -014

-27

+002

+33
-18



13913.000*

2.000*

13.300*

24.000*

50.000*

0.032*

-0.014*

9.150*

676.000

114.000

0.091

0.699

139.959

-0.130

0.462

8

-40.921

-0.002

-0.559

-65.285

13913.000*

2.000*

13.300*

24.000*

50.000*

0.033*

-0.018*

11.000*

1584.899

114.000

-0016

+17.9

HD MOS 7 2 13.4 -41 18 6.47 +1.62 3.56 MO IT

GV 2722

23.665
 0.10
 6.58

+0002 ± 84
 19013 + 0009

+033 ± 6.9
 +0.19
 4.26
 1.76
 6.02

1896.6

23.948
 728
 786

23.15
 711
 30
 81
 6
 023

1005 + 024
 + 1.5 + 2
 -4

10056
 + 34
 1009 + 020

64.74
 59.82
 4.92
 63
 5.55
 + 13
 5.42
 1.60

1927.40

14057.000*

2.000*

13.400*

-41.000*

-18.000*

0.000*

0.022*

7.500*

316.228

17.900

0.101

0.083

33.432

0.045

-0.368

7.666

-0.009

-0.926

-19.369

9

9

13974

07 140 +33 58 - bid

660

Prod

833395

386 191 256

487 391 183 260

(20)

386 170

357 182 258

→ 20.50

-039

7000 A051753
 13994 2 14.5 +57 17 6.2 g 66 -10.86

1272 ARUN
 2752 32,360 1900.2 +57 17 9.51 1893.4
 115
 473

-154
 119
 -2746

477.00
 435.169
 32,233
 401

399

32,409
 399
 395
 80

10 10.0 1627.7
 59.35
 9.135
 -108

8.27
 +33
 9.60

8.69
 -147

8.93 1945.55 120 21

-24
 9.69
 9.97

1946.94
 1546.94
 1546.94

40.1
 416.7

13982

2

14.4

40

6.1 g N3 + 2.77

+0076 +3.2
+0078
+57

+01222.3

1268

2746

26.402

1894.1

+57

40

9.28 1898.1

~~41.5~~
40.428975

45.520

25.990

23.77

26.3279

26.396

-12

374

26.40361

-34

369

9.28 1898.1
-62
8.66

33 10.5

6 59.48

40 9.98 201

-108

8.90

8.79

-24

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8.86

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11888

1445.22

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41.5

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8.86

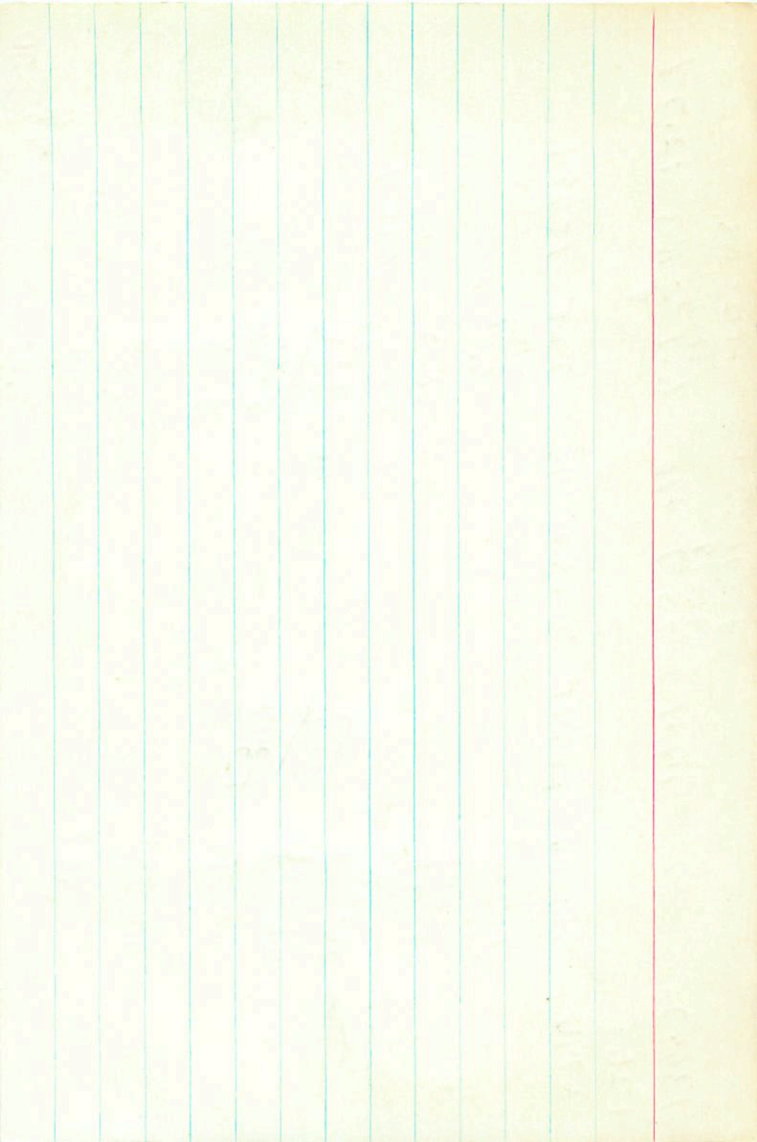
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+948

61



12/20/71

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+3.9
+6.2
+5.5a

A051752

+0058 ±4 -062 ±3
+0062 ±5 -058 ±4

0859 -061

+0058
+0058 -060

558
50/4
50/8
44/5

688 173 704 | 2328 -0492
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