

1012/03 20 49 +27

32 554965

RR

64 167

184

5.49 - 0.078 1248 - 578 (2) 1160

5.52 - 36 1222 - 542 - 25 1167

5.56 - 26 1212 - 531 26 1167

5.54 - 27 1207 - 533 27 1167

5.53 - 42 1222 - 546 (4)

7.31 + 405
7.35 + 406

~~111111~~

~~111111~~

500 375

504

300

5.25

5.22

5.24

10.387 3/27

10.864 4/27

10.387

447 381

692-462-372-350

363

1012

3

20

42

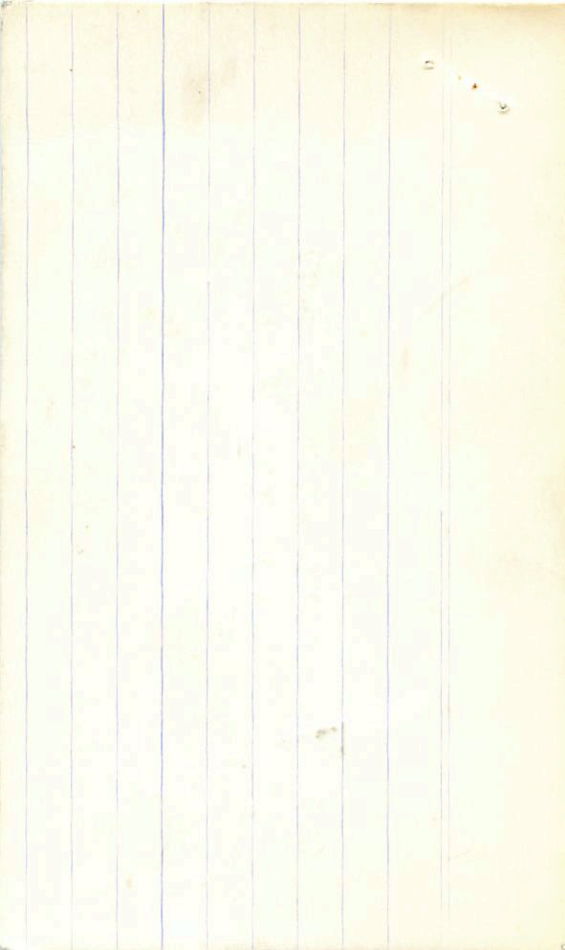
+27

5.54 ~~905~~
31.5

5.39	73	1246	-584	7 Jan 77
<u>5.59</u>	<u>-72</u>	<u>1251</u>	<u>-573</u>	8 "
5.49	-78	1248	-578	

B. 52

5.49	642	493	328	2588 (2)	096
	162	676			



1000

03 19 03 + 25 35 6.30 9.123

✓
✓
RR

6.09 + 1.255 + 1.300

6.12 + 25 1381 - 45

6.07 + 11 1391

(555)

7 1/2 11 11 11

6.06 0 1399 - 517

MSO
400

5.57 355
5.58 373
5.74 384
375

6.11 + 22 1406 - 508

6.14 + 36 1354 - 498

6.40 + 25 1395 - 504 (5)

2.45 + 10.400 139.000

7.91 + 10.439 10.400.000

~~10.400~~

5.45
5.45

5.66 + 0.43 (1)

2.5.74 + 0.8842 1.25

1.5.75 + 0.4002 1.25

5.75 - 1.1392

(7)

(RR)

1007 03 19 54 103 36 5.68968

V/R

5.64	-133	1141	-455	25 Dec 77
<u>5.64</u>	<u>-133</u>	<u>1139</u>	<u>-457</u>	26 Dec 77
5.64	103	1140	-456	

5.31	+0.315	26 Jan 75
5.37	+0.311	4 Jan 75
<u>5.34</u>	+0.313	⊙

~~1002~~ ~~03~~ ~~18~~ ~~39~~ ~~-43~~ ~~10~~ ~~426~~

20744

✓

532
485

515
511

397
359

27
28

1000
1000

426 + 171

③ 425×1000

444
555

235
519

283
81

275
56

13000
13000

21
56

1001

$10 - 1 = 9$

② ①

659
517

285
917

518
19087

11

1000
1000

68

428
257

936
917

520
51176

27000

426
265

941
146

535
71176

27000

427
261

929
528

27000

424
267

940
940

329
329

27000

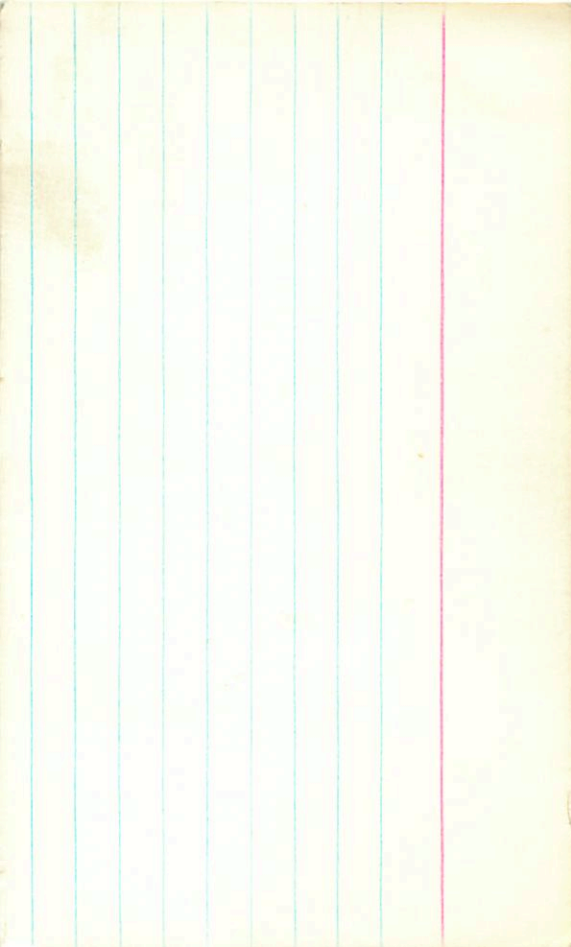
440
283

583
583

1000
1000

1000

1000



1006	3	17	07	-62	41	5.53	+64
1010	3	17	33	-62	37	5.23	+60

5.50	+0.65	+0.06	23 cent 69	5.04	+22
5.48	+0.65	+0.05	3 nov 69	5.04	+23
<u>5.49</u>	+0.65	+0.055		5.29	+23
				5.29	+22.45

5.54 555

236

Consume

5.24	+0.23	15
	+ 22	5

5.84 83

210

5.04	+0.23	15
	+ 22	5

5.24	+0.605	+0.005	23 cent 69
------	--------	--------	------------

<u>5.22</u>	+0.61	-0.005	3 nov 69
-------------	-------	--------	----------

5.23	+0.61	0.00
------	-------	------

1904 203 284 217

381 183 251 217

2.620 G0

5m 20 22"

11503

560 (B)

(X)

54 38 401 43.5 6.02 + 56

5.94 - 363 904 - 459 2.154 200ms ✓

6.00 - 388 (864) - 427

25 June 76

6.02 - 356 905 - 467 26 " "

5.59 - 370 904 - 464 2 Jan 77

6.00 - 363 904 - 468 (3)

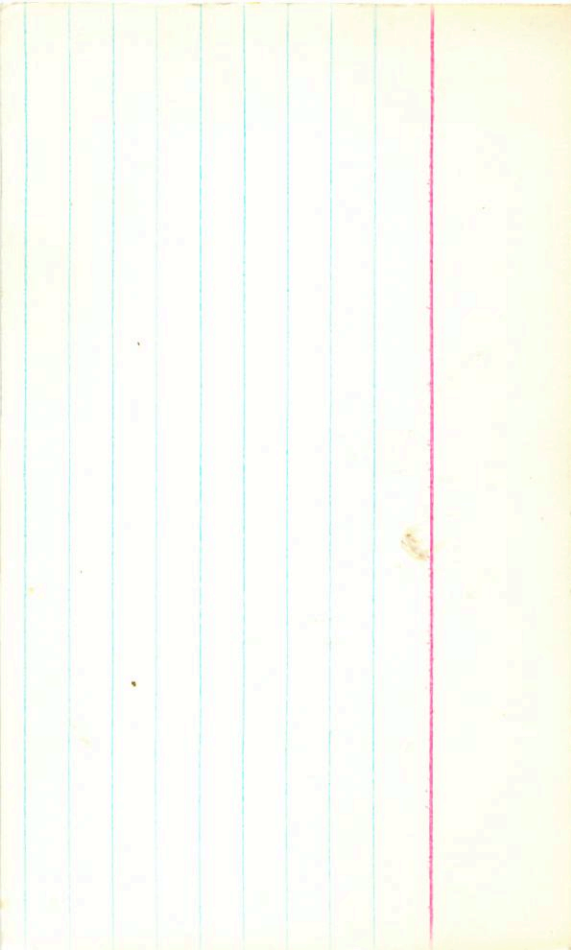
+ 195 ¹⁰⁰⁰

5.91 + 0.19 27 Nov

5.94 + 0.19 29 "

5.92 + 0.19

6.17 240 100 1000 (3)



563/ ✓
01 56 05 +17 43

495 121P
5.11+042-10.72 ②

5.10 -137 1043 -307 9 4/277

5.12 -142 1089 -300 10

5.11 -140 1091 -304

579 ✓
303 410 ✓

470-10.335 3A

565 ✓
01 55 35 -22 38 5.18 9.104

102,45

4.91 +146 1507 -489 8.1277

4.93 +143 1509 -462 10"
492 +144 1501
492 +144 1509 =190

875 733

8.117 +0.522 10.965

~~118~~

+8.66

566 ✓

01 55 00

-51 413

370 65 IV

11²⁰ 6⁴

378 -183 997 -461 1000 77

377 -184 1007 -466 11⁴

378
-184 1002 -464

531

3.37 + 0.316 in

10.295 1364

3.32 + 0.310 37 in

570 ✓ 01 54 20 -67 45 468 684

✓
✓

469 -156 1080 -413 36877

471 -140 1052 -409 108277

471 -142 1067 -417 11
471 -142 1067
471 -142 1067

575 ✓

337 ✓

4.30 +0.34 1360
+0.34 3 Mead

AND

121

523

~~01 5605 -51 53 6.10 d1=7~~

-0.45

2.611

573

6.10 324 135 377 2.624 60

4.4

121

~~330~~

122

454

389

(121)

0.42

0.165

576 / 01 57 26 -33 10 6.34 65

✓ R R

~~643 105 1122 430^{2.5} 27 Jan 74~~

~~639 112 1108 411 27 Jan 74~~

634 111 1121 424 11 Jan 77

~~636 112 1117 448 25 "~~

638 1121 11147 454 (5)

640 112 430 436 (3) 5.55 +0329 1XB 49

5.57 +0.343 5 Jan 77

5.54 +0.337 8 Jan 77

5.55 ~~340~~
+3310

117mm

1

+

011 5.89 5.89 110
 " 211 " 6
 9^m 118 "

5.90 1153 - 457 98277
 " 01 10

$$\begin{array}{r} 457 \\ \hline 1911 \\ - 5911 \\ \hline 201 - 15.9 \\ \hline 05.5 \end{array}$$

~~1 average 12.0 + 6.4.5~~
⁸⁶

~~5.46 10.385 2 sta~~
~~5.47 + 0.350 7 # #~~
 3 July

$$\begin{array}{r} 5.46 \\ \hline 5.47 \\ \hline 5.46 \\ \hline 5.47 \end{array}$$

5.47 3527 2

258 257

5m 0152

1222 < 258

582 01 58 51 +2 58 5.89 +62 861

586 -327 923 -418 25 11/27 6

587 -332 926 -406 26 "

588 -330 921 -412 (2)

589 378 202 499 (2) 1616

590 378 202 499 (2) 1616

591 315 (43)

592 807 161 491

593 111 2.624 straight

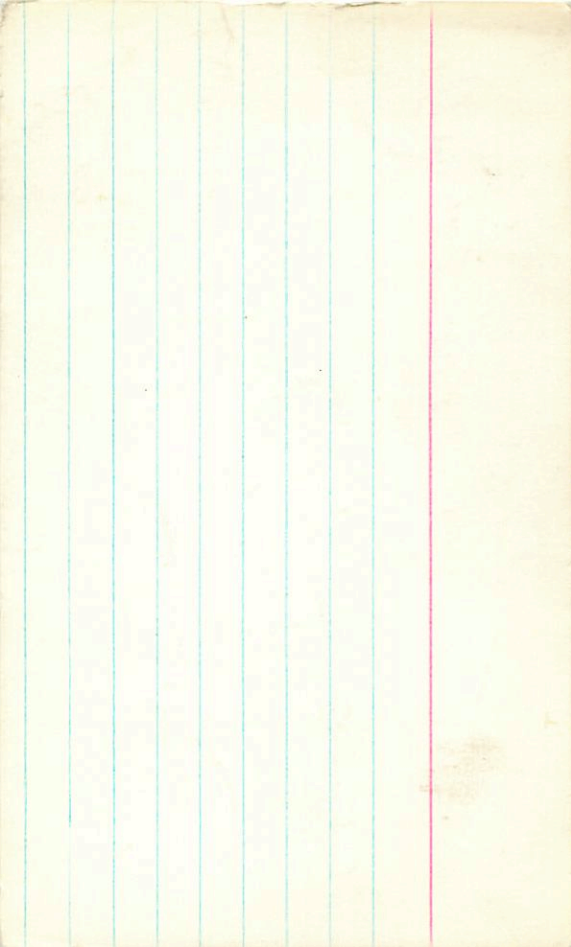
10.22 13 10/22

5.74 +0.19 27 11/26

5.79 +0.19 24 "

5.78 +0.20 3 11/27

5.73 10.19 (3)



584 01 57

V R R

~~MMW~~
~~X~~

↖

16 65 32 6.36 85

6.36 - 176 1117 - 454 2700000
6.38 - 166 1080 - 451 2500000

6.38 - 164 (10723) - 427 1000000

6.37 - 165 1043 - 455 11'

6.37 - 168 1066 - 483 (3)

[8.36 + 0.24] HD

6.00 + 0.305 1054770

5.55 + 0.307 500000

5.98 + 0.289 6''

5.99 + 0.300 (3)

598 01 58 43 -42 08 5.42 9 101

~~W/R~~
W/V

5.57 + 10.4 + 0.7

5.58 85 1184 -442 24 Jan 77

5.59 -84 1203 -448 11 Jan 77

5.58 84 1189 -445 + 0.365 30 Jan 77

634

5.06
5.08 40.338 27 Jan 77

5.12 40.389 6 Jan 77

5.06 40.365 30 Jan 77

5.10 40.365 2 Jan 77

(1 RIL)

40.338

5.58 + 10.5 + 0.87 3 Jan 77 47.47 + 8.45 15 KB

388
387
386

594 / 02 00 14 -30 06 534 05 IV

✓ A (X) 5.37 -178 997 -414 21 May 77

5.37 -175 984 -402 11 Nov 77

5.36 -165 979 -425 8 Dec 77

5.37 -176 990 -415 (3)

1780
7.32 + 0.376
3.5

5.35 + 0.87 + 0.415 3 June 72

5.34 + 0.60 + 0.416 85

4.64 275
5.17 + 0.325 30 Dec 73

~~4.64 + 0.325 28 Dec 73~~

4.55 + 0.325 28 Dec 73
5.04 + 0.325 (3)

(X)

600 01 59 05 -66 11 6.09 N2 II

✓ R

6.09 22 1334 -420 27 Jan 74

6.10 10 1240 -412 -27 Jan 75

6.11 -3 (1277) -410 10 Jan 77

6.09 -9 1307 -487 11

6.10 -18 1313 -423 ③

①

290
1171

5.50 + 0.415 1 Dec 72

5.56 + 0.376 6 Jan 77

5.53 + 0.372 27 Jan 77

5.53 - 0.374 ②

608 ✓ 02 01 52 -15 26 5.91 905

✓ R ✓

5.89 -132- 1130 -491

5.89 -136 1138

5.89 -136 (1110)

5.89 -154 1153 -472

5.89 -125 1125 -456

5.89 -125 (1115) -401

5.88 -131 1131 -444 (5) 5.54

5.88 -131 1131 -444 (3) 5.45

5.88 -131 1131 -444 (3) 5.45

5.88 -131 1131 -444 (3) 5.45

5.88 -131 1131 -444 (3) 5.45

MISO

171²³

0.03367

296

366

10325 546.77

11306 11306

11306 11306

11306 11306

✓

✓

✓

✓

✓

609 ✓ 02 02 26 + 18 08 6.27 9.04

R ✓

R

6.24 + 156 1438 - 461 94277

6.23 + 152 1450 - 426
6.24 + 154 1444 - 468

82
[7.79 + 581] 1986

946,

∴ 5186

~~(X11)~~

5.55

+ 0.508

5.55

+ 0.520

5.40

+ 0.468

5.50

+ 0.500

(11)

✓

✓ 10.174

✓ 12.77

✓ 7.77

✓ 2.127

③

Ⓟ Ⓟ B

1 → A again

✓

HR610 2 02 31 -02 28 6.01 6.55 10.15

18.55 486 6.07 10.15 10.35
5.55 -174 1046 -489 2545
5.50 -175 +1048 (+114) 2800
5.56 -170 +1045 -460 2500
5.54 -173 +1046 -495
5.52 307 423 5.54 542 2100

5.63 10.315 ④

435

10.77 +0.74 +0.32 438

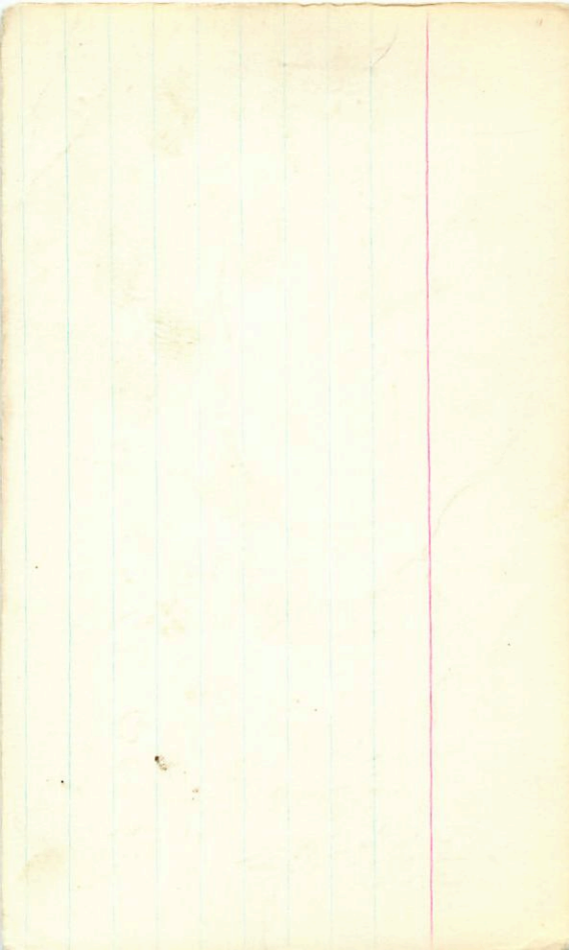
10.80 -279 995 -483 3000
10.79 -257 +467 -440 2400

10.80 -272 +966 -431 2500

10.80 -265 +966 -436 2300

10.60 10.25 ④

* 10.80 1146 233 444 ②



HR 640

2 02 31

-10

27

43" 6-01 650.00

10.7 055

~~8.45 -120 10.40 474 27 10.40~~

~~5.94 8.42 306 439 2100 3~~

5.13-10.215 4

~~10.80 476 234 474 1752 2~~

10.60 10.25 4

11 Nov 11

252 268

info [252 268] 7.52 4.4 4.2 7.14

10

10.61 10.251 3210

take steel 4.95

610 2 02 15 - 0 28 / 6.0 G 5 II - 17

596 - 180 1055 - 464 31 Jan 83
 596 - 170 1045 - 460 25 Nov 75
 595 - 174 1046 - 489 25 June 77
 595 - 173 1040 - 474 27 Dec 79
595 - 173 1047 - 473 (A)
 596 - 174 1047 - 473 (A)

1081 - 274 976 - 471 31 Jan 83
 1080 - 274 995 - 483 30 Dec 77
 1080 - 272 966 - 464 25 Nov 79
1080 - 275 975 - 473 (B)

42" 10.7 10.74 6.50
 5.10 + 0.31 30 Nov 75
 5.66 + 0.30 5 28 Oct 75
 5.62 + 0.32 30 Aug 77
 5.62 + 0.32 5 30 Aug 75
5.62 - 10.34 (A)

10.51 + 0.25 30 Nov 75
 10.42 + 0.18 30 Aug 73
 10.61 + 0.24 25 Oct 75
 10.61 + 0.25 5
 10.61 + 0.25 5
10.61 + 0.25 5
 10.61 + 0.25 13 Nov 73
10.61 + 0.25 (B)

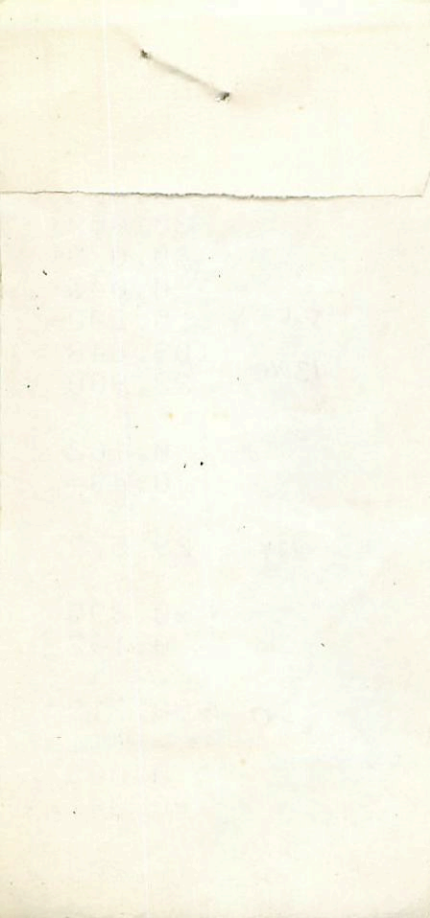
59.04

10.32
9.95
9.6

~~14204~~ 1849.7 + 1052 - 123 - 040

14434 1896.8

4508 1897.5



610.000*

2.000*

1.200*

0.000*

-30.000*

0.078*

-0.045*

5.0

5.200*

1306

109.648

23.900

0.162

0.494

134

29.572

790

-0.395

0.192

-47

-38.713

0.005

-0.848

-20

-19.709

6.28 151+23

616 2 05 12 -00 06

6.30 -160 1112 -495 11 Jan 77

6.30 -161 10599 -495 10 Jan 77

6.29 -186 902 -519 3 Jan 77

6.29 -170 1881 -487 8 " " 1164

6.32 -157 1088 -488 20 Nov 75 556 +0299.3 Jan 75

6.31 -163 1162 -494 14 Jan 75 554 +0.302 7 Jan 77

6.30 -168 1100 -492 (B)

553

589

573

590

+1282-2 Nov 77

+021.8 Nov 77

+1524

79

1164

79

1164

79

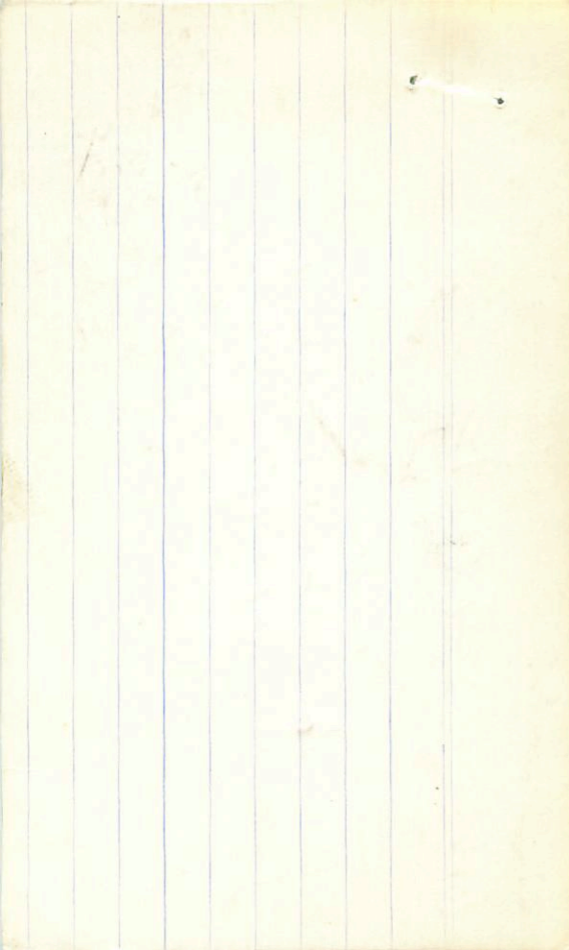
1164

79

1164

79

1164

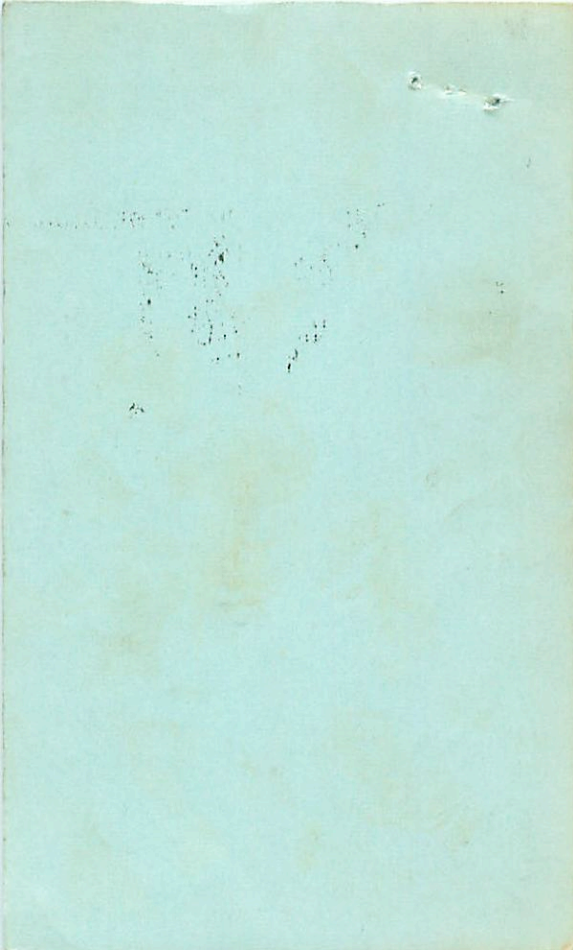


916 02 05 18 -00 05 6.33 1P0

WR ✓
R

6.30 -161 1099 -495 10/27/77
6.30 -160 1112 -495 "
6.30 5760 1106 -495

5.94 ✓ +0.302 ✓ ^{10/27}
5.96 ✓ +0.312 ✓ ^{10/27}
5.98 ✓ +0.307 ✓



2 Am ⁰⁴³ 2 06 05 +23 22 20 x 2 14

(A) (X)

-044
2.0 -039 1313 -500 (A)

1.45 + 0.418 2A

-039 1259

~~691 545 370~~

2.00 -039 1306 -500 } +1.5

511

-503

4.39 -11 1249 -74 } +1.0 -044 -503 1313
4.54 + 70 -039 -454 1313

4.35 -40 1276 -501 - 20 cent 8
4.35 -41 1223 -523 } 4 cent 8

632 ✓ 02 08 15 -43 37 5.75 9.12

5.87 → 1277 -480 8 June 7

5.86 -1 1270 -465 7 June 7

5.86 -11 1284 -472 8 June 7

5.82 -5 1276 -468 9 "

~~5.84 -8 1270 -470~~ ②

5 -6 1277 472

12

✓ 5.85 + 1.14 + 2.15 =

5.25 + 1.425 = 6.675

5.27 + 1.4726 = 6.7426

5.26 + 1.433 = 6.693

633 02 09 53 +25 50 6.03 9114

✓
RR

6.01 +99 1443 -491 100007
 6.01 +113 1426 -501 11"
6.01 +106 1434 -496

225 664 ✓

5.46 +0.487 3 1/2 ft
 5.51 +0.480 4 1/2 ft
5.49 +0.484

13423

25 48 61

268

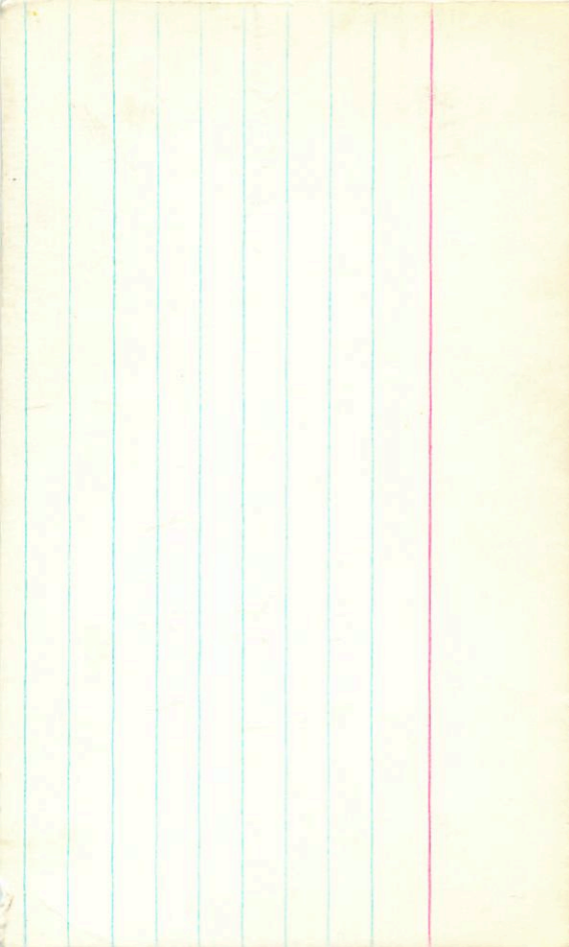
636 02 09 06 -43 57 6.31 750

6.33 -163 1063 -420 21 Aug 11 5.94 70.305 3 Jan 17
 6.34 -173 1067 -405 2 Jan 76 6.01 +0.308 76 Jan 19
 6.33 -179 1070 -414 25 Jan 76 5.95 70.306 ②

6.35 -176 1088 -414 26 Jan 5.96 +0.288 2 Jan 17
 6.34 -174 1067 -413 ③

~~6.34 539 324 487 ③~~ 2201 5.93 +0.295
 5.94 +0.305 3 Jan 17
 5.95 70.29 ③

1 B K Grant



607 ✓

13445

6111 487

338

283

4000

6.115 + 0.81 + 0.44 + 0.00

RR-1 418

291

418

4000

6.112 + 0.84 + 0.46 + 0.15

6.14 234

10374

-4804

28000

6.14 + 825 + 41

6.13 232

+1031

-4522²⁶

13000

6.14 + 825 + 41

6.12 232

+1024

-422²⁸

31000

6.14 + 825 + 41

6.13 229

+1018

-451²⁹

12000

6.14 + 825 + 41

6.13 234

1031

-480

4

6.14 + 825 + 41

476 254 424

* #48 290 396

6.14 + 825 + 41

5.68

5.11

2 09 24 -50

57 6.11 + 81

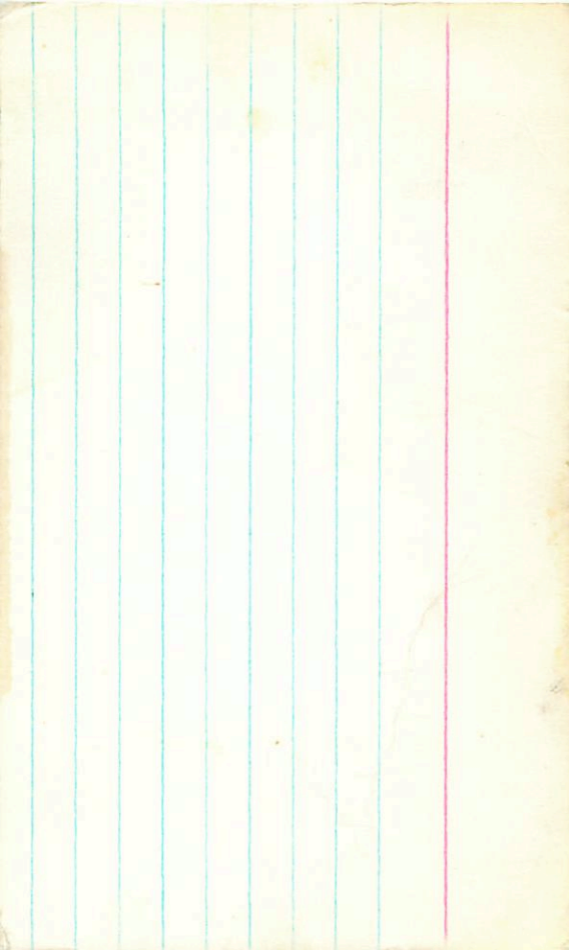
Cape

5.64 + 6.31 20 Sept 69

5.70 + 0.315 3rd

6.14 + 0.315

303 Cape



639

2 10 09

38

38

55

55

593 -102

1048

-422 30 days

592 -136

1048

-412 26 days

596 -135

1089

-404 28 days

554 -133

1087

-404 8 days

554 -141

1081

-415 10 days

596 -126

1089

-404 10 days

594 -135

31040

111

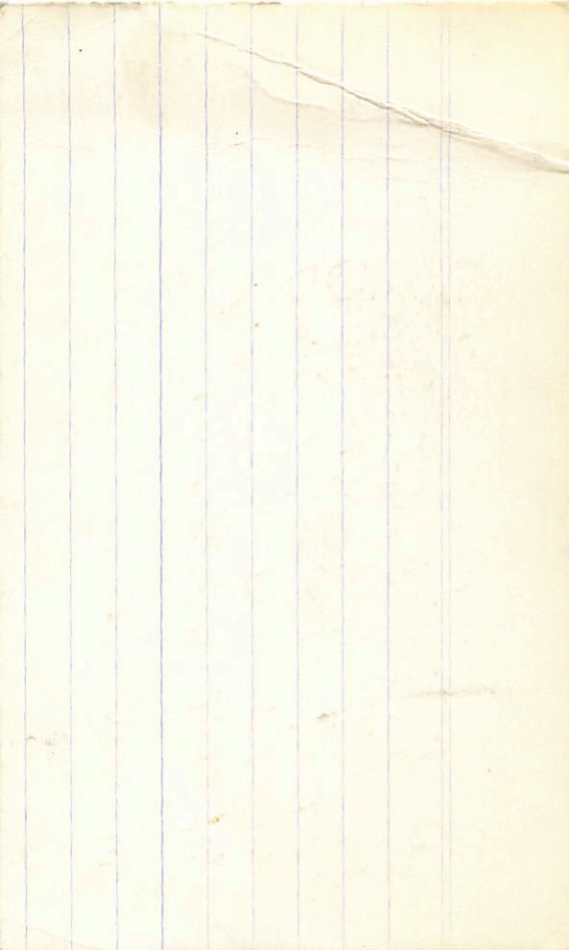
552 55 55

38 38

55

55

UWA



639 / 02 10 26 -01 56 604 969

5.15 3.26
5.15 2.25

RR

5.94 -142 1084 -412 (2) 1150

5.94 -126 1070 -401 1080 1037

5.95 -127 1089 -404 1111 1037

5.96 -126 1080 -402 1080 1037

5.95 -134 1082 -407 (4)

13.1
10
10
13

5.56 +0.3366
5.44 +0.3133
5.51 +0.324

543 ✓

5248 207

RR 211

649 82 11 81 ket 40 60 100 120

✓✓RR

$5.75 + 102$
~~102~~ 1433 - 532 (2) 1160

596 + 118 1442 - 500 100000

5.56 + 121 1450 - 495 11"

5.96 + 120 1446 - 499

5.92 + 114 1440 - 516 (4)

844 670 391 8715 ✓

5.39 10.498 1000

5.43 10.506 1000

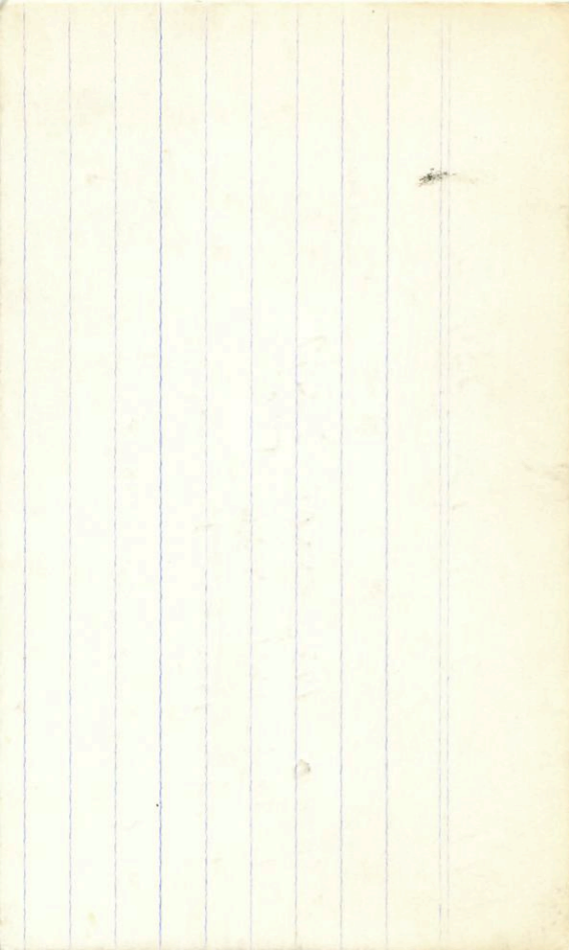
5.41 10.500 (2)

644 2 11 12 24 10 606.120

550 + 102 1430 - 550 2 Jan 77
586 + 83 1436 - 524 5
588 + 42 1482 - 537

1 + 2 = 3

588 821 664 370 8339 (2)

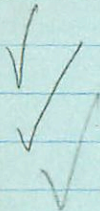


645

02 12 15 +50 55.5 5.32+93

100 1/4

H1 44
A3A



60

5.24	161	1173	622	110.780	16"
5.22	153	1159	625	266.780	"
5.22	161	1168	628	28"	"
5.31	159	1167	626		

✓
6m7

02 11 47 408 45 444 68 II

4.35 -174 1052 -4227 5 Jan 52
 4.37 -174 1063 -412
 4.39 -171 1046 -394 10 Dec 77
~~4.34 -173~~
~~-403~~

4.34 -182 (598) -403 7 Jan 77 M80
 4.30 -155 1057 -407 9 " " M80
~~4.32 -188~~
~~-405~~

4.64 +380 Conson
 3.99 +316, 2A
 3/2

4.35 -180 1062 -409 (5)
 4.34 534 316 507 210 ✓
 ✓
 ✓

4.36 + 88 + 60

649 2 11 40 + 8 44 448 6811

435-174

~~182~~ 1082-427 5 Jan 22

434 ~~102~~ (994) - 403 8 Jan 27

430-195 1057-407 8 "

430-190 1027-105

(3.84) + 0.309 Cousin

~~1000~~ (1000)

RI 500

13612

650 2 11 29 -2 31 5.52 +0.58

5.71 -356 891 -424 ^{2.148 23 Nov 91} 2.158 4 Sept 91

5.68 -385 915 -426 28 Dec 76

5.65 -399 903 -428 29 " "

5.64 -397 905 -428 ^{2.153} (3) 5.66 318 181 483 1443 (2)

7.77 -294 940 -457 ^{2.125 4 Sept 91}

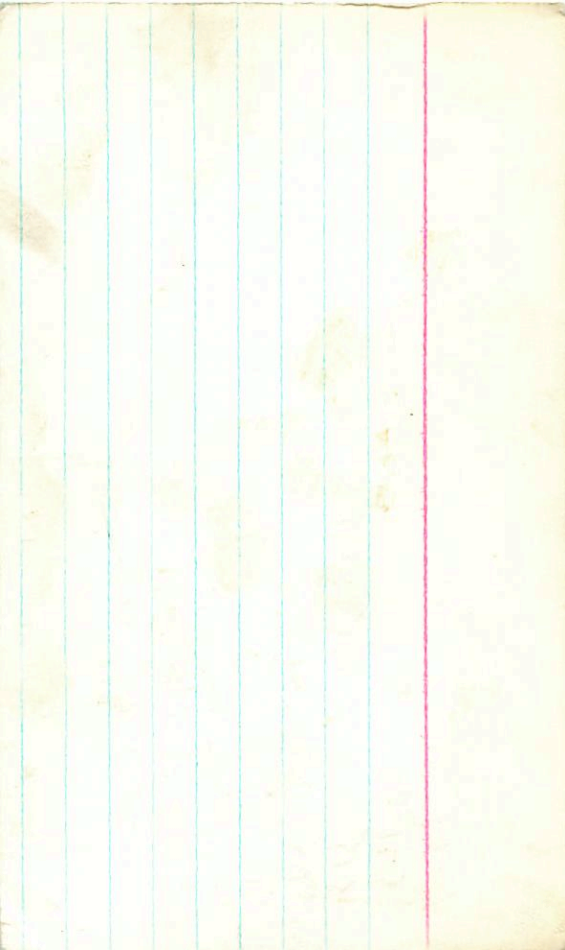
~~7.80 -306 920 -510~~ 28 Dec 76

7.72 -297 944 -463 29 "

7.74 -300 957 -447 13 Jan 77

7.74 -297 947 -455 ^{2.125} (3) 7.75 407 225 454 1681 (3)

(5.14) +0.185 (win)



651
02 11 56 -21 06 986 602

✓
R

588 -121 1142 -454 920077

588 -111 1122 -417 1020077

~~588 -116~~ 1132 -435 (2) 327

588 -114 1124 -435 (2) msd 1473

588 -115 1130 -436 781 +398

603

✓
(D)

583 328

545 40329 6207

539 40326 2077

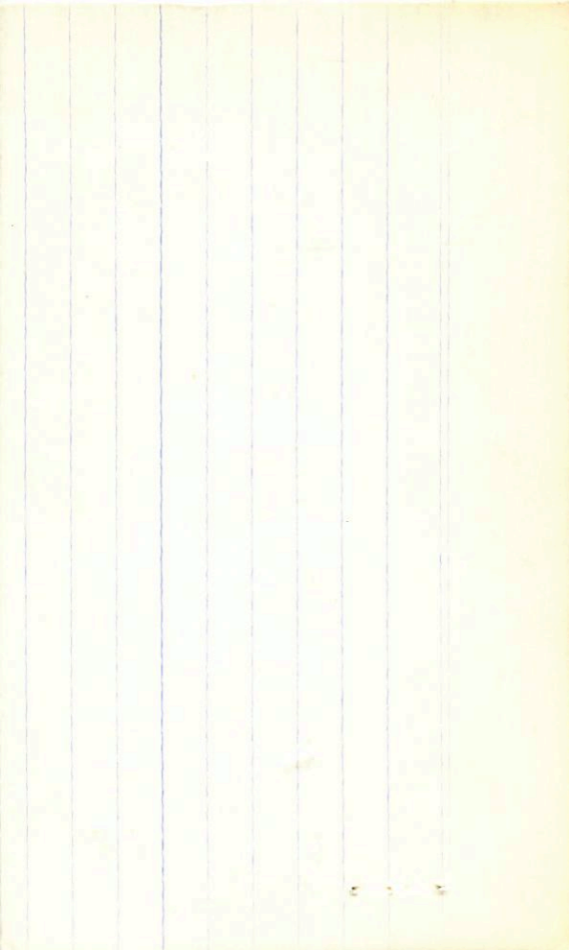
542 41328

602 69111

657 2 11 51 -2107

5.88 -101	1123	-429	7	Jan 77
5.89 -115	1133	-447	8	"
<u>5.88</u> -114	<u>1128</u>	<u>-438</u>		

5.88 604 383 472 2416 (2)



657

336 140 452 2.636

659 02 13 36 -71 16 5.91 6.9 11.5

R ✓ 5.93 -134 1109⁹⁴ -436 7 Jan 77) MSD
5.94 -149 1138 -472 7 " 11)

R 5.93 -147 1123 -452 8 Nov 77 5.174 B
5.93 -148 1124 -451 9 Nov 77 [257 +377] B
5.93 -146 1124 -454 ②

826 76079
+0.316 100000
+0.300 60000
+0.306 260000
+0.319 ③

5.49
5.55
5.49
5.4h
5.51

571 ✓
571 ✓
11R ✓

665
02 15 53 +235641 634 64 111
6.55 +1025 +0.75 (2)

✓ R R
654 -97 1128 -416 19 Dec 17
6.54 -86 1126 -405 10 Dec 17

(X)
 $\frac{6.53}{6.54} = \frac{575}{90}$
1127 -435 11
 $\frac{1130}{1130} = \frac{419}{419}$ (2)
8.36 +425 19 Dec 17
 $\frac{5.96}{5.96} = 0.55$

6.55 +1.025 +0.75 (2)
6.19 +0.363 3 Jan 78
 $\frac{6.22}{6.04} = \frac{10.35}{18.57}$ 4 Jan 78

(X)

✓
✓
666 62 15 50 -06 31 5.52-3877

5.51 -148 1146 -450 2 MSO

5.51 -124 1132 -441 8/10/77

5.52 -124 1132 -447 10"

5.51 -126 1132 -444 (2) 5/10

5.51 -137 1140 -447 (4)

5.12 +0.365 1 slabs

580 Airy 468

5.11 +0.308 6/10/77

5.05 +0.215 3/10/77

5.09 +0.310 22/10/77

5.05 +0.311 (3)

5.09 +0.310 22/10/77

5.08 +0.304 22/10/77

5.11 +0.318 16/10/77

5.10 +0.307 (3)

16.4.

14129 2 15 30 -6 33 5.50+96+76c

(666)

5.09 +0.310 22 Jan 70

666

5.05 +0.315 30 Jan 71

5.12 +.318 18. Dec 71

5.05 +34

NRS 5.54

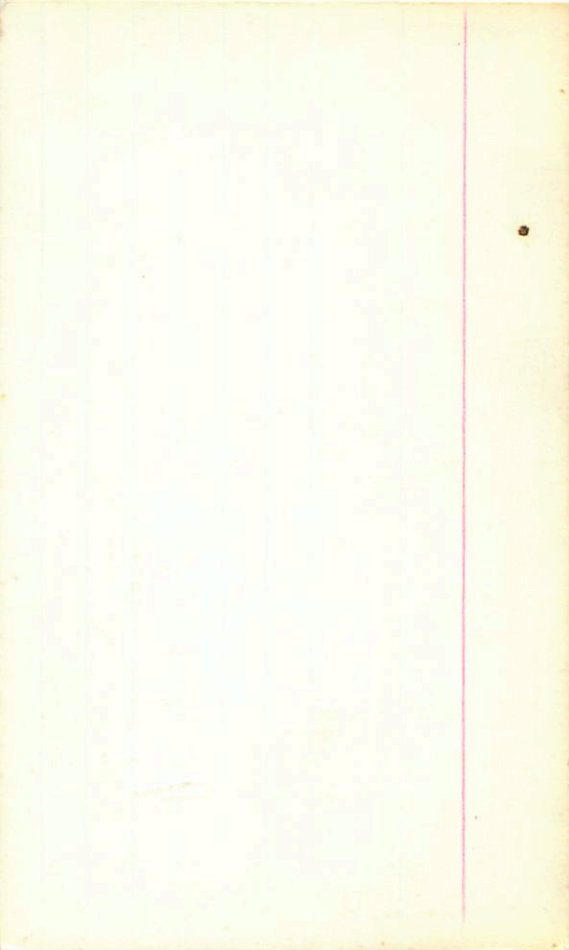
5.50 -1155 1153 -457 2 Jan 77

"

5.52 -151 1140 -442 8 "

5.51 -145 1146 -450

5.51 569 399 460 2372 (2)



14214

6720 2 16 44 + 1 38 5.58 + 60 F54

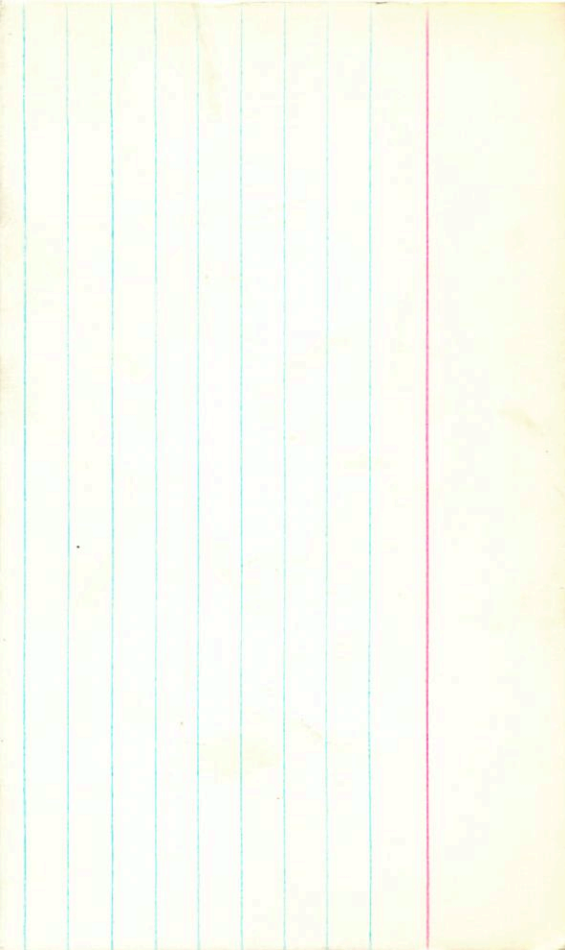
5.63 - 349 902 - 408
5.61 - 342 914 - 427
5.57 - 340 890 - 415
5.59 - 347 902 - 417

2168 221487
26 Dec 76
25"

5.43 + 0.19 2.26
5.42 + 0.20 2.4"
5.44 + 0.19

5.59 866 176 450 1527 ②

373 152-483



678 62 15 00 -67 51 5.69 g 103

5.64 +75 1396 -4637 5 Jan 53

5.68 +53 1425 -497 8 Jan 27 MSO

5.67 +64 1416 -458 8 Nov 77

5.67 +72 1410 -462 11

5.68 +70 1407 -461.2

[237 +0.504] 10 Jan

438

790 ✓

4.97 +043 30 Nov 75

5.11 70459 3 Jan 75

5.02 70434 46

~~711~~

688

62

18

42

+30 05

6.44 100

✓RR

6.50	+25	1325	-487	10/2/77
6.51	+20	1340	-512	"
6.50	+22	1333	-500	

6.17

6.13

6.15

+0.4293 Jun 75

+0.4271 Jun 75

11.425

5/6/75