

$$(P-I)_{\frac{1}{2}} < 0.5 \quad \text{Add } -0.005 + 0.04(P-I)$$

$$(P-I)_{\frac{1}{2}} > 0.5 \quad \text{add } +0.015^m$$

2

✓ 00 03 53 -00 37 6.30 +110 909

✓ 6.31 R -055 1264

~~6.33~~ ~~037~~ ~~1242~~

6.31 -053 1257

~~6.32~~ ~~054~~ ~~1279~~

6.31 -055 1264 -020 (3)

5.95 +0.355 (2)

-511 2720075 (150)

~~473~~ 752777

513 8"

~~535~~ 226014

2RBV slit

6.28 +1.11 +1.03

5.93 +0.365 ;

5.97 +0.345 30mm 75

5.95 +0.355

3 ✓

00 04 09 -05 50

762 100 III

464	-105		
465	-092	+1185	-460 750 777
<u>463</u>	-093	1190	-455 8"
464	-092	<u>1182</u>	<u>854</u> -
	629 ✓	438 ✓	451 ✓

0000

0000

4 ✓ 00 04 31 +13 16 5.48 965

5.59 -156 1079 -464 29 20075
5.57 -171 1073 -441 2 20077
5.56 -166 1074 -460 -8 "
5.57 -165 1075 -455 ③

314
317
318
316

315

R R

5.25 +0.315 30 20075
5.14 +0.285 20 20075
5.20 +0.285

5.24 +0.308 96470 +0.298
5.23 +0.306 19 19470
5.16 +0.285 20 20075
5.20 +0.300 ③

95470
+10
5.25
+0.299
5.25
+0.297
19 19470

+0.307

6 ✓
RR

00 0504

-49 12

5.64 G1E

(2)

12" 6"

7 Sept 77
8" 11

303

-381 898 -428

-388 992 -419

(2)

895 -423

(3) MSO

905 -430

900 -426

5.72

5.71

5.72

5.72

5.72

5.7140.50+002 (2)

5.56 +0.17 13 Dec 76

5.49 +0.175 3 Jan 77

5.519 +0.190 1 Dec 77

5.51 -0.168 26 Jan 77

5.50 70 + 176

320 173 464 12.6

HTV

✓ ~~HTV~~ 05 11
HD 00
142

-49 14
-48 57

5.74 to 0.50 to 0.00
5.58 to 0.50 2299

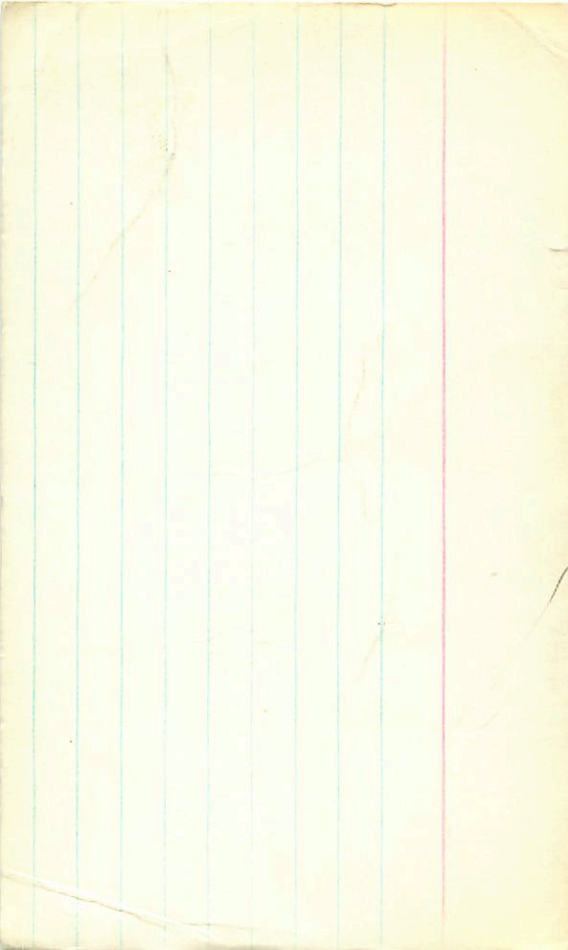
Wdy RTY ~~Yay~~

5.49 to 0.175 to 0.77
5.56 to 0.17 1800 76
5.59 to 0.15 2700 76
5.58 to 0.16 29 " "

91

5.72 - 384 - 914 - 422 12 00 76
5.71 - 394 - 901 - 418 24 " "
5.72 - 374 - 898 - 415 25 " "
188
-384 905 - 430

5.56 to 0.165 (4)



There are...

350

web has all

(e) 01h-88b-2he-01g
926 2he-91g

~~003-557-147-212-111~~

008-242-473-212-111

008-242-473-212-111

008-242-473-212-111

1002 6-4

00 05 22 + 28 53

Page -

(x) 1002 6-4

13 ✓
R 00 0653 -33 39 5.7# 9 101

5.69 -57 1248 -486⁹⁴ 29775 180

5.69 -040 +1256 -484 7 Sept 77

5.70 -057 1254 -452 8
5.70 -522 1253 -450 ③

669 ✓ 498 ✓ 460 ✓ 277 ✓

5.23 +0.385

5.17 +0.377 6.077

5.20 +0.377 5.840

du
1975

6.04 41.28
6.06 9.12

14 ✓ 00 07 02 -02 34

IOVS
2013

✓ RR ✓ Time

RR

6.24	141	1335	-855	7 Sept 77
6.24	144	1280	-795	Lehrs 8 Sept 77
6.12	137	1162	-684	Scan be 29 Nov 77
6.07	151	1271	-704	8 Dec 77
6.31	150	1266	-723	" " 24 " "
6.21	143	1264	-806	20 Nov 78 832
6.23	145	1253	-780	21 Nov 78
6.22	144	1276	-699	22 Nov 78
6.22	146	1252	-784	25 Nov 78

5.31 40515 (10215)
5.31 40490 (10215)
5.35 40515 (10215)
5.33 4503

6.24 +130 1271 -760 26777

6.21 +132 1270 -646 27777

6.20 +144 1264 -735 29777

6.22 +135 1272 -720 30777

6.20 +137 1254 -812 18677 2943

6.21 +134 1267 -740 28677

141
1264 -755

6.22 +142 1264 -701 0335 28677

6.20 +150 1272 -645 0255 28677

14

60 05.6

-2

44

606 + 1.38

6.12 + 137 + 1162 - 684 217075

16 ✓ 00 07 00 - 08 57 6.00 g 66

(+)

6.00 ✓ 108 ^{PR} 1168 - 463 22 Oct 74

6.01 - 98 1148 - 434 25 Nov 75

6.00 - 090 + 1135 - 434 7 Sep 77

6.00 - 100 1156 - 454 9 "

6.00 - 102 1162 - 458 (2)

HR

R 620

5.55 + 0.405 30 Nov 75

5.44 + 0.326 21 Dec 75

5.62 + 0.348 7 Oct 76

5.55 + 0.337 (2)

$\sqrt{19}$ $\sqrt{000746}$ $+25$ 20 6.23 120 111
 (R) $\sqrt{19}$

R R
 $\begin{array}{r} 624 \\ \hline 106 \\ \hline 132 \\ \hline 231 \\ \hline 1111 \\ \hline 437 \\ \hline 1097 \\ \hline 428 \\ \hline 1092 \\ \hline 291 \\ \hline 1058 \end{array}$

5.80 + 0313 2000 58
 5.55 + 0343 550 470
5.74 + 0328 (2)

321 1R R

$\sqrt{8.22 + 0334} 9 5470$

22 ✓ 00 07 50 +18 05 548 969

5.56 -086 VR 1159 -436 211457

5.58 -086 +1198 -461 7 nov 77

5.56 -73 1186 -441 8 "

5.57 -086 1198 -446 3

634 447 464

R X

RI

5.21 +0345 30 nov 75 [247 +0.357] 5 Oct 81

5.10 +0327 20 Nov 78

start

5.11 -317

54-319

23

00 07 54

-54 08

16.32 ~~84 14~~

x

11.1

85

629 ✓
0905 -05 22 585 909

5.86 1311 1132 -444 29 20075
5.86 121 1123 -475 5 Sept 77
5.87 138 1137 -440 5 " " "
5.86 130 1130 -460 ③

5.86 1035 10 Sept 80
5.86 1033 7 Oct 79
5.86 1034 5 30 20075
~~5.86 1130 1130 1130~~
③ 5.86 1130 1130 1130

10
7.82 - 10.34 5 [10.5 80
R

30 ✓ 00 09 07

(Ayoni) var

21 5.27 965

R ✓ ⁴²³ 5.84 -127 +1114 -465 ⁴⁵ 7 Sept 77 ✓ var

5.43 -076 1197 -438 8 " "

5.30 -076 1199 -498 29 Nov 75

5.29 -102 1225 -461 8 Dec 77

5.29 -94 1267 -431 20 Nov 78

5.29 -82 1201 -445 21 Nov 78

5.29 -82 1206 -445 ⑥

484 +6.3367 21 Nov 77

493 +13302 21 Nov 75

484 +333

~~5.94 602 355 209 18.5~~
~~5.17 245 2~~

for 515

5.95 -116
5.95 -121
5.96 -114
5.85 -111
5.92 -116
1153 296
1147 -121

29.77

26.00

25.76

21.47

(1137) -370

1146 -423

1153 296

5.96 -114

5.85 -111

5.92 -116

(+)

5.94 +116 +0.55

5.93 +0.55 +0.70 +0.20

5.80 +1.02 +0.44

[7.5 +0.38]
+ 3.85 +0.35

5.95 +0.34 +0.19

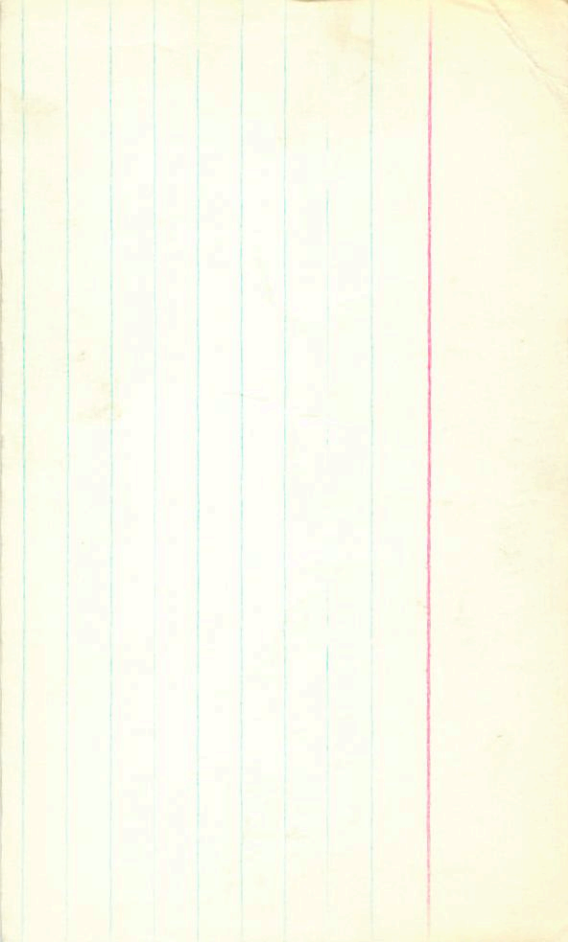
5.31 +0.37 +0.19

5.94 602 355 209 18.5

5.94 +1.02 +0.55 2.45

332
0.312
5.734

27



33 ✓ 00 10 06 -15- 35 4.88 FLY

~~4.91~~ 4.91 -354 858 -448 750777
 4.91 -354 858 -425
4.91 -354 858 -437 (2)

136/10
+165

⁹⁶ 491 320 132 423 2117
 228 489

get
see
us

314 257 303
324 56
 324

34 ✓ 00 10 25 -27 55 5.56 105-IV

R 5.44 +94 1414 -512 29mms

5.45 +92 1417 -484 8 Sept 77

5.43 +87 1425 -482 9 " "

5.44 +91 1419 1 =490 (3)

8-40 +1.34 +1.44 25 Dec 75

476 ~~6.455~~ 102.65

478

476

477

6.453 6 Dec 77

6.457 2 Dec 75

6.454

37

00 11 00 -18 04

528 K54

5.27 ~~493~~ 1497 -621 21 Aug 57

5.28 494 1482 -601 7 Sept 57

6.27 484 1458 -637 9 ...

5.27 +190 1492 -620 ③

4
+0.623] alt
[474

R ⊕

4.36 +0.562 = 21 Dec 58
434 +0.585 = 10265
5753
+572

5.25 +1.47 +1.62 = 15 Dec 60

5.46 + 5.05 (3) → RB

5.47 + 4.96 + 4.87

5.43 + 5.0 + 4.75

5.49 + 5.2 + 4.95

824
5.47 + 5.4 + 5.16 + 4.77

6.17 + 5.143 (3)

6.17 + 5.142 - 3.5

6.17 + 5.142 - 4.5

6.18 + 5.141 - 3.5

6.26 + 5.14

(5.14)

6.2 13 48 - 3.5 0.2

5.4

58 85
① ✓
00 14 56 -76 02 648968

R R
649 113. 1111 -369 240884
649 109 1100 -419 820077
6.50 -122 1098 -357 9"
6.49 -115 1103 -405 ③

6.05 +0.345 (2005)
6.03 -0.323 (2005)
6.04 +0.337

59 ✓

6-08 9 46

60 804 07

15 23

6-13 -15 ✓ 1189-484 246494
 6-16 -15 ✓ 1109-483 720077

6-12 -15 ✓ 1102-463 8"
 6-14 -15 ✓ 1106-484 ③

~~5.82 + 0.32 30 20 75~~
 5.78 + 0.31 30 20 75
 Shek
 9889 + 21.5
 13679 + 16.5

67 00 16 36 +01 34 622966 301

✓ 621 453 1138 -464 27 Oct 83
✓ 618 -149 1118 -461 24 Jan 87

6.11 -85 1225 -465 7 Nov 77

(+) 6.18 -145 1109 -455 9 301

6.19 -145 1113 -444 11 Nov 77

6.19 -145 1171 -449 10 Oct 83

R 6.19 -146 1120 -455 (5)

5.82 +0.325 30 Nov 75
5.71 11303 20 Jan 77
5.80 42.56

8.16 -6.344 8 Oct 83
8.17 +0.346 29 Oct 83
8.17 +0.353 30 Oct 83

2 V
RT
X
+1

274
5.79 274 291
5.80 276 296
5.80 283 303

69 ✓ 17 06 +11 05 6.09 110.11

6.08 1261 - 455 28 Aug 80
6.06 1204 - 466 8 Sept 77
6.07 1210 - 454 8 Sept 77
6.07 1208 - 460

106 95.4
5.65 + 0.344
5.67 + 0.340
5.62 + 0.322
5.66 + 0.335 (3)

RR
5.67 + 0.34 30 Nov 75
5.62 + 0.335 20 Dec 75
5.64 + 0.335

[800 + 0.335]
96.478

72 ✓ or 17 28 -08 10 6.45 G0

6.48 ~~596~~ 943 -425 21 Aug 77

6.47 -284 934 -434 8 Nov 77

6.46 -292 929 -441 9 "

6.46 -294 938 -431 ③

422 ✓

22 ✓

~~6.21 + 19 20 Nov 70~~

~~6.15 + 19 22 Nov "~~

6.28 + 0.215 Dec 79

6.31 + 0.223 4 Jan 75

6.30 + 0.219

73 ✓ 00 17 34 -43 21 6.32 209

6.33 +8 1344 -413 272224

6.34 0 1336 (-417) 9 20277

6.32 +8 1339 -450 10"

10.33 +8 1340 -446 (3)

1.000 ✓

5.73 +0.417 -62277

5.74 +0.404 262275

5.74 21177 → 48

470

7

74 ✓
✓
-60 18 16 -08 57 3.56 142114

357 +21 1351 -516 9 den 77
3.57 +11 1354 -537 9 den 77
357 +16 1352 -427 ②
241 589 ✓ 5

309 +1.422 25 396 642
~~241~~ 40.40 13 color
2.55 +0.400 10265 1000
3.03 +0.421

402 + 21

1851

77 00 18 44 74 -65 02 422 + 55

$$\begin{array}{r} 4.24 - 335 \\ \hline 4.25 - 345 \\ \hline 4.26 - 342 \end{array}$$

$$\begin{array}{r} 897 - 515 \\ \hline 887 - 490 \\ \hline 899 - 505 \end{array}$$

25 11/22/76

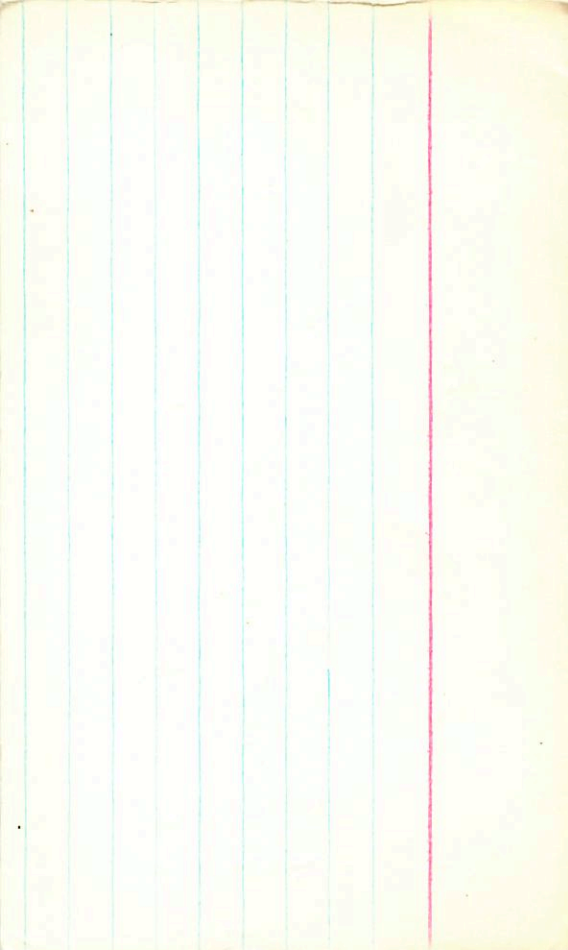
" 26 "

②

4.26 365 163 403 ② 1415

1.000
 $402 + 22$
 $402 + 22$
 $402 + 22$
 1.000

1.000
 1.000
 1.000
 1.000



Copy

77. 00 19 00 -65 00 42 825



24

2136 168075

80 ✓ 00 19 25 + 08 03.5 5.42 8123

5.37 + 93 1486 - 488 8 " ② 815
5.40 + 84 1480 - 488 8 ③
 5.37 + 087 1480 + 519 7.7000
 5.37 + 080 1464 - 517 21 Aug 87
 5.37 + 080 1464 - 517 21 Aug 87

17000

4.81 7.79 7.79
 4.74 + 0.47 3070075
 4.73 + 0.47 2070075
4.70 + 0.459 ③ - 413

✓ +1R

4.81 476
 4.73 463
4.77 469
 4.74 470

84 00 20 22 -29 06 5.1795

R ✓ 5.18 -109 1197 -547 29 24 75
5.18 -119 1198 -543 9 24 77
5.18 -109 1193 -542 10 "
5.18 -112 1196 -544-③

207

294
316

+10

7.11

+0.280 [20 24 80]

4.75 +0.33 18 Jan 25
4.74 +0.346 24 Feb 27
4.74 +0.323 ②
223

R

295
316
306

86 ✓ 00 21 13 +13 21

6.225 102

10 32" capline

(4) 6.25 +25 1245 389 27 6084
6.28 624 +1247 -423 20077
6.24 621 +1303 -441 9"
6.26 624 +1294 -415 3

7.02 +0.419 20 20080
+1.0

434
435

5.69 +0.435 20 20075
5.64 +0.408 20 20075
5.66 +0.430

5.64 757

87 ✓ 00 20 33 -77 33 5.96 100

R 5.97 +144 1402 -646²⁶ 22 Apr 77
 5.98 +127 +1411 -618 > Sept 77
 5.96 +140 1395 -615 8..."
5.97 +137 1403 -626 (3)

(4)

5.24 +0.456 7 Dec 77
 5.22 +0.501 2 Jan 77
5.23 +4498

2201986

~~AWA~~

(NI)

6.41 +0.66 to 9

(A)

00 21 34 -12 22

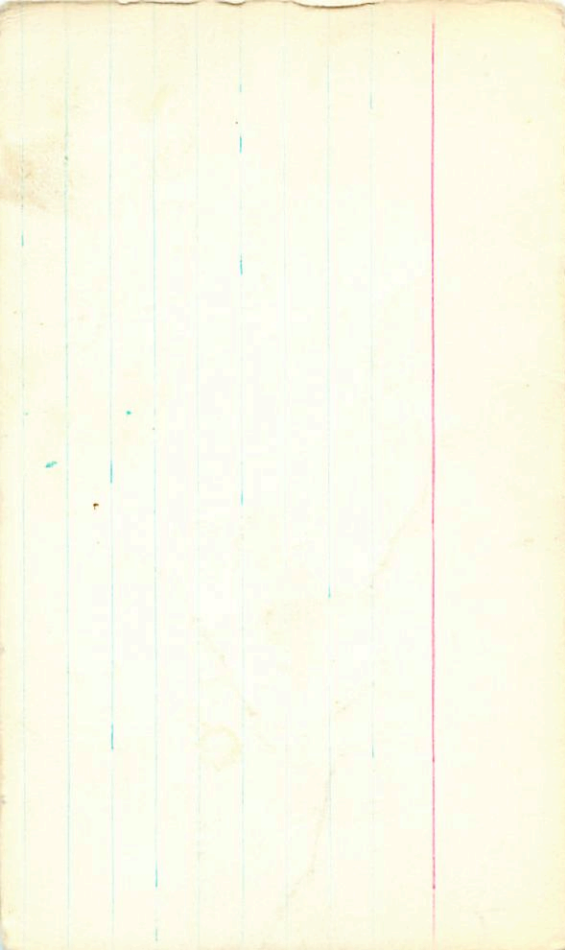
6.4 d62

6.40 -303 934 -450 2-2 Aug 91
 6.41 -306 932 -456 5 Sept 91
 6.42 -295 929 -442 5 Sept 91
 6.39 -308 935 -449 -455 13 Oct 75
 6.40 -305 934 -423 -460 14 Oct 75 6.18
 6.40 -305 933 -453 5
 6.16 6.19 6.20
 6.225 18 Sept 64
 +0.235 26 Nov 75
 +0.226 9 Sept 70
 +0.23 30 Nov 78
 +0.229 4
 230

[HP 2.176 22 Aug 71]

(R) (R) (R)

404

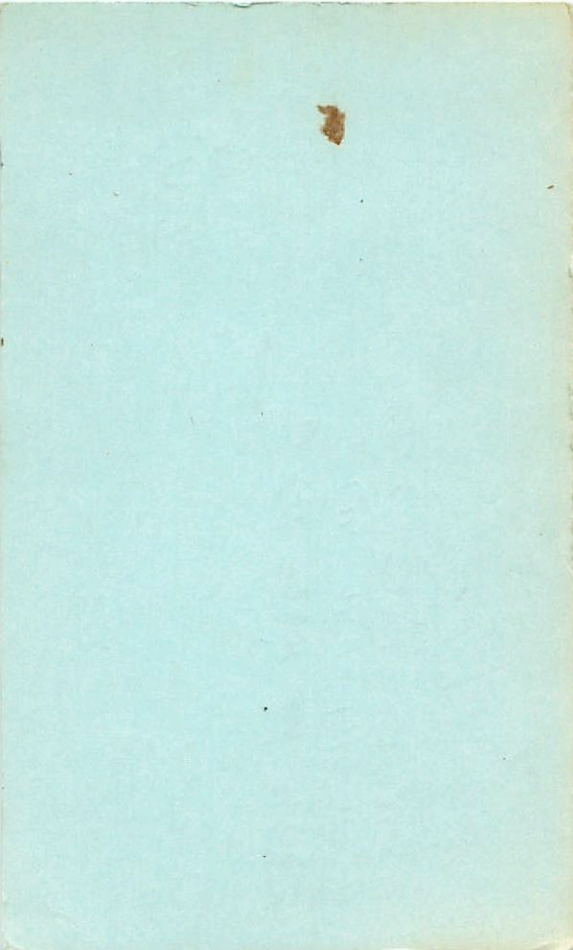


94 ✓ 00 23 19 -2 20 6.08 9101

609 + 7 1320 - 451 21 Aug 57
 6.12 + 005 1329 - 451 7 Nov 77
 6.10 + 8 1309 - 450 8 "
6.10 + 7 1320 - 451 (B)

RR

+0.420 1026
 5.47 +1388 21 Nov 78
 5.49 +1403 21 Nov 78
5.48 +395



2001

37

98

20

24

27

23

2079

764 -27

754

-407

14 June 77

763 -30

761

-413

20th Jan 79

764 -28

758

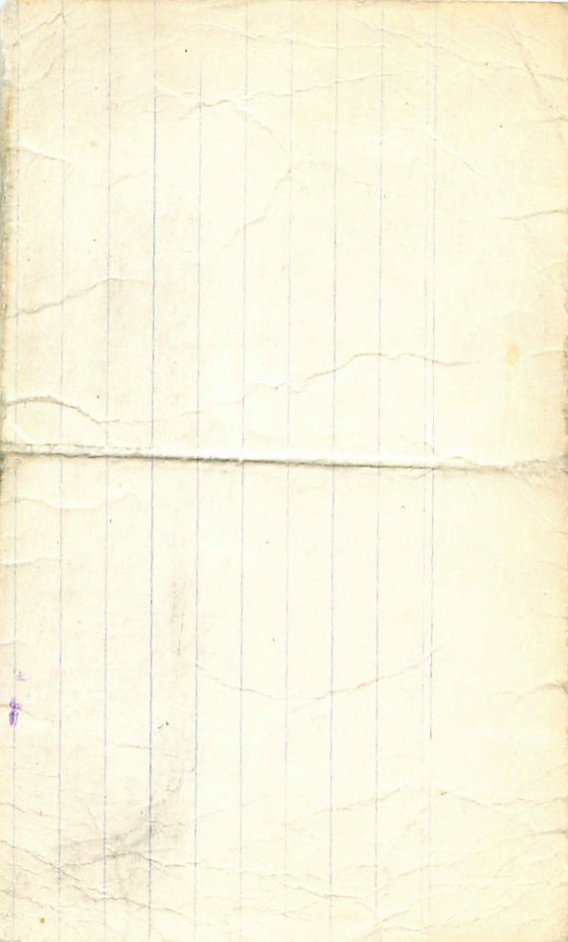
-410

278 -323

873

-468

(2)



98

0

84.40

-77

22

274.62

Bond

98 / 00 24 40 -77 21 2.5 6-2.12

✓

247

2.112 16.2.19

340 / 25

18 pm

[28h 5911 60-22.4]

1452 0811 2020

11h 1941 2020

From h.p. 50 - 24 - 51 SE AD

99 (X)

2 Phe 00 25 20 -42 25 2.59 1100

(X) (X)

-51

[4.26 -46 1104 -5] 4.0 25.8 1100
[4.29 -51 1114 +18] 3.0 1100

99 0 25 15 -42 25 234 +405

102 ✓ 00 26 06 -25 40 5.95 05

403 50

85

+10
20 Nov
80
10300

7.91

R 6.01 -095 +1189 -461 754 A77

6.00 -105 1184 -456 8"

R 6.02 -95 1173 -464 232 4077 40"

5.99 -101 1187 -456 24 " " "

6.01 -89 1180 -451 28 " " "

6.00 92 1176 -440 26 " " "

096 1182 -460

850 0.307

318

305

3320

5.55 +0.336 6160⁷⁷

5.51 +6308 2120²⁰

5.53 -3227
324

5.18 gms
6.09 + 1.61

106 00 27 00 + 16 20
02 914 00 CE 00

no need

6.08 1210 + 1587 - 517 7 Sept 77

6.04 1250 + 1551 - 457 9 " B

6.07 1255 + 1551 - 457 24 Sept 77

6.44 379 190 330 2.604 G0
368 209 329 2.582 2.700

105 00 27 55 -20 28 6.42 +59

6.45 -335 905 -483 2.136 2.377 F
6.42 -331 911 508 2.546 2.6
6.42 -334 897 459 26"

6.39 -342 900 -484 2 Jan 77

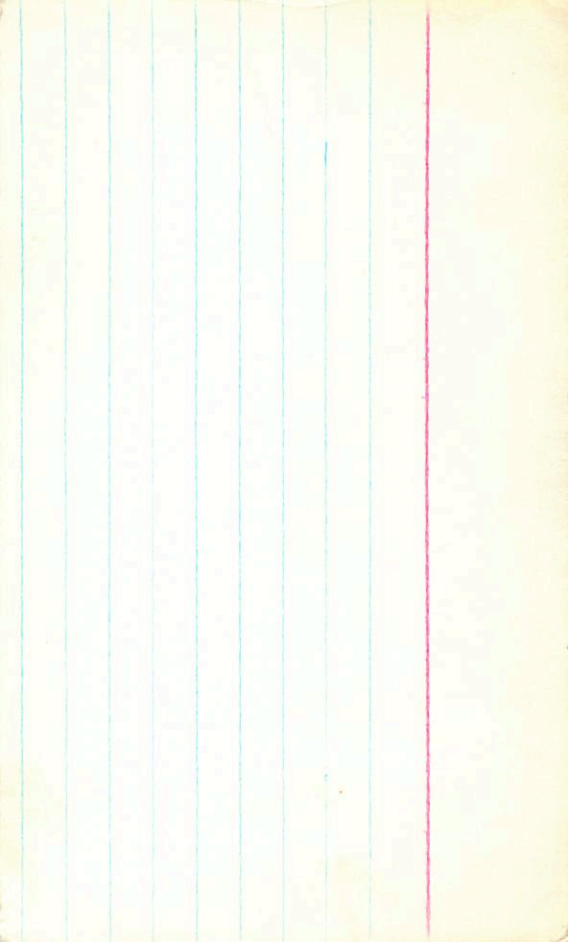
6.45 -332 899 -479 2.146 2.477 F

6.44 -336 903 -492 2.141 6.35 +0.17 2.700 2.6

6.31 370 176 421 1.110 3

371 497 429 2.116

6.26 +0.19 24 ""
6.30 70.18



1022M

(X) (F)

107

69659123443
696591556909

07 27 20 +10 05

6.04 +43

afB

6.05 -407 852 -410 2.170 902 AF
 6.06 -425 877 -406 2.173 106 AF
 6.06 -417 865 -403 2.172 (2)

2037

R

~~108~~ ~~02~~ ~~23~~ ~~13~~ ~~20~~ ~~27~~ ~~642~~ ~~00~~

5.91 + 433 27 10055

6.43 120
5.91 + 0.459 & 10077
5.55 + 0.459 50077
6.00 + 0.456 70079
5.95 70.458 ③

116 ✓ 900 28 42 -32 14
RV 098 1469 -518

6.60 + 0.694 + 1467 -529
~~5.91 + 0.459 & 10077~~

6.57 1473 -512 10 "
6.60 1466 -511 28 Nov 77 40"
R

6.58 1493 -546 24 " 40"
6.60 1463 -517 28 " " 48

6.60 1470 -529 26
6.58 1455 -497 27
6.59 1465 -506 21 Nov 77
6.55 1456 -498 29 Nov 79
5.91 70.4596 ③ 77
5.55 + 0.459
+ 0.458
5.90

131 ✓ 00 31 21 +20 11

5.40 gnd

VRo

5.39 -067 +1216 -467 9 dnd 77

5.38 -060 1214 -477 8 ""

5.38 064 1215 -475 ②

343

5.00 +0357 70079

R

354
365

4.98 +365 30000

~~4.98 +365 30000~~

4.97 +0330 20000

4.93 +0351 ③

1R

134 ✓ 00 31 35 +28 09

6.28 120 III

10^{am} 9¹¹
arrived

(A) 6.28 -134 1147 [X] 21 Aug 57
 6.27 -124 +1120 -471 2 Nov 77
6.27 -110 1107 -446 8
 6.28 -129 1130 -466 (2)

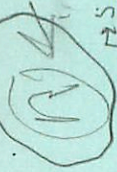
1 ✓ 6.30 +1.005 +0.72 (2) 57-
 11.26 +0.83 +0.41 (3)

5.85
5.93
 5.89

+0.390 21 Nov 78
 +0.329 7 Dec 79
70315 (2)

138 00 32 23 -29 41

R ✓	1340	-471	1340	7 Sept 77
5.55	1335	-465	1335	"
5.57	+32	-470	1341	"
5.55	+22	-477	1337	"
5.57	+27	-450	1343	22 Nov 77
5.55	+28	-488	1349	"
5.58	+29	-469	1336	"
5.57	+38	-471	1333	"
5.58	+24	-476	1344	"



5.54 102 111

479 99
479 139

25.00
4.51
4.53

+0.435
+0.435
+0.448

493 + 442.12
456 + 443.3
484 + 483

5.84 + 127 + 123
5.54 + 127 + 25 Dec 65

5.84 + 127 + 123
5.54 + 127 + 10 Dec 65

141 (8) 00 33 45 +13 15 6.48 100

✓
 6.41 -29 1270 -487 21 Oct 74
 6.39 -42 1287 -479 21 Aug 74
 6.41 -038 +1278 +489 7 Sep 77
 6.40 -029 +1258 +470 9"
 6.40 -33 1273 -478 (9)

(141)

5.89 +43 17200 } 20
 5.98 +43 250072
 6.00 405 1 Dec 72
 5.86 +43 20400 }
 5.93

+

6.40 +1.165 +1.005 21 Oct 72
 6.36 +1.15 +1.085 29 Oct 72
 5.95 +0.385 20 Oct 74
 5.96 +0.367 20 Oct 74
 5.90 +0.376 (2)

605 910

148 ✓ 100 34 30 -54 56

$$\begin{array}{r}
 R \\
 6.08 -110 \\
 6.06 -109 \\
 6.06 -117 \\
 \hline
 6.07 -114 \\
 \hline
 \end{array}$$

$$\begin{array}{r}
 1108 \\
 1112 \\
 1110 \\
 \hline
 1110 \\
 \hline
 \end{array}$$

$$\begin{array}{r}
 -402 \\
 -410 \\
 -383 \\
 \hline
 -400 \textcircled{3}
 \end{array}$$

22 Aug 80 36"
 7 Sept 77
 9"
 257
 +0.376 10 Sept 70
 +10

$$\begin{array}{r}
 19.561 \\
 5.56 \\
 5.56 \\
 \hline
 5.58 \\
 \hline
 \end{array}$$

$$\begin{array}{r}
 +0.382 \\
 +0.376 \\
 \hline
 +0.252 \\
 \hline
 +0.304 \textcircled{3}
 \end{array}$$

10 Sept 70
 6 Sept 77
 6 Sept 77
 226
 10 Sept 70

110