

1481028

D Flu

R 111

R 8154

9 20.8 + 7 56

Sm4 + 57.8

E = +03

6.7 54

flu +1.12 +18

5.34

110<sup>135</sup>

187  
4020  
858

36  
43

7.95 N

-6.500 - 0.022

544

-D42-Cashway

1315

506

144

1315

3615  
4 05

546  
508  
144  
362

1.12  
110

8.1

E = +03

-0003 -0410 2005

-0045  
1 18  
1 34

-0003 -0412

HD 81028

675 +1.64 +188

-33

+6 -98 0 -4 +57.8

80±

5.4 +1.12

7.55

-7 -17 -9 -48

Sm4

+37°

210

5B

11/10

25

8/38

B



L.K.P

0.796

0.604

0.086

101.255

0.558

0.166

3.186

0.569

0.071

57.800

416.869

8.100\*

0.042\*

0.003\*

56.000\*

7.000\*

20.000\*

9.000\*

81028.000\*

h.L.S

~~h.L.S~~

h.L.S

h.L.S

9

22/6

V Ved

87222

19 208 45 45

15 11

-787

2022 007 1111

1008 1007

~3

47

85

-287

10

17/07  
18/07  
19/07  
20/07  
21/07  
22/07  
23/07  
24/07  
25/07  
26/07  
27/07  
28/07  
29/07  
30/07  
31/07

0.350  
1.50



81783

9 24.3

-0056 ± 10.6  
-0063

-103 ± 7.3  
-124

670  
605

-47 33

7.71 + 1.28

13025

143 III + 36.0 ± 0.70, (4)

20.476 1402.5

-47 32 41.60 1899.7

266  
—  
742

~~-0060 -115  
+3 +3  
-0057 -12~~ FIX

5.18

—  
36.42

② 261716

53.860

—  
20.576

+ 20

—  
596

—  
13

—  
583

7.17 + 0.46

695

615

1.6

775

7

39.1

991

~~-058 -102  
+3 +3~~

496

~~-055 -109~~ Con

—  
54

—  
246

—  
0060 -088

—  
0045 -100

—  
0051 -094

FIX 41.06

—  
60

—  
41.66

—  
22

—  
41.88

—  
41.00

—  
34

—  
41.34

—  
048 -091

9.74 1927.82

28.68

—  
41.06

—  
60

—  
41.66

—  
22

—  
41.88

—  
41.00

—  
34

—  
41.34

—  
048 -091

122

—  
41.61

—  
5.19

—  
1955.31

8313

41.6

—  
41.9

—  
41.9

20.413

—  
408

-246

-0060 -088

-0045 -100

-0051 -094

Stuy

+36.0 7.55

1

2

3



81783.000\*  
9.000\*  
24.300\*  
-47.000\*  
-33.000\*  
-0.055\*  
-0.109\*  
7.750\*  
354.813  
36.000  
-0.170  
-0.022  
-61.040  
-0.016  
-0.999  
-41.743  
-0.553  
0.036  
-194.909

11

81783.000\*  
9.000\*  
24.300\*  
-47.000\*  
-33.000\*  
-0.048\*  
-0.091\*  
-0.550\*  
7.550\*  
323.594  
36.000  
-0.135  
-0.022  
-44.360  
-0.014  
-0.999  
-40.496  
-0.468  
0.036  
-150.303

11

82877

9 320 -05-41

7010.9-059.5 FAS  
E

7184 2833 0601  
- 257 1547 ~9890 ~0064

33 Wga (1.237 1.24L 965 252 MF)

82870

9 32.0 -0.5 41 5.7 9.1 +12.6

13226 1226 8555 003 063 962 812

6197 5000 40540

38.4 km 233 + 10004 -064 N30

0.53 + 10004 ± 1.8 62 → N30

2.184 5.8 10004 ± 1.8 2.49 2.49 24.74

2.925 66.56 28.87

10006 -065

10004 -065

1226 961 251 0.9  
0.82  
0.57  
0.66  
0.67

0.63 0.66 0.67

26.93 6.3 -0.57 ± 1.8 2.49 24.74

26.93 6.3 -0.57 ± 1.8 2.49 24.74

2.49 24.74

38.74 26.75

26.75 26.47

33.007 2.449 71.0

76.69

39.54

26.44 2.1.2

14.6 1.4

1.4

2803 2803 2803 2803

28.00

28.00 28.00

1000 1000 1000 1000

38.4 38.4 38.4

12

1.6







559

107664

Passover

9 38.1 + 1 14

157.4 (31)

102234p

10416 299 056 378 2613 (6)

678-29 1034 2-51 058 376 10.50 + 0.38 - 0.19 Sand

016 (20)

146 Sp.B. - 5) Near (1 plates)

+1165 - 510 G'

~~1445 500 Britain~~

~~130 - 512 Japan~~

~~1850 - 505~~

~~75224~~

+153 - 501 W (IT)

+165 - 510 G'

+160 - 505

(6.5)

1340

1414

1529

180  
505

517  
574

678

2

W 8030 H5 P5

9000889 9 38.2 +1 15

+102341m 19.0

10.53 + 0.39 - 0.06  
10.46 + 0.33 + 0.07  
1.44 3m S = 128

Note: 10.46  
10.46 + 0.33 + 0.07  
1.44 3m S = 128

+102341b adFS -19cmd(27)

10.18 + 42 + 1.58 3m S = 03 F0 III MM

-5.6

sp

-643 43.110  
-59 50(53)

-59 36

.19 -.51

908-415 0 / +18 -51 -55 00 -2800

-173 0 -079 0 -520 -374 -59 +24 -54 009

-67 -96 -311

-235 -223 -71

011

3

R.A. : 9.650  
DEC. : 1.250  
R.A. : 150.000  
DEC. : -505.000  
DISTANCE : 5.170  
MODULUS : 108  
VEL. : -57.400

q1 (U) : -0.751  
q2 (U) : 0.474  
q3 (U) : 0.459  
dU : % -1667.843  
U : -206.738

q1 (V) : 0.083  
q2 (V) : 0.759  
q3 (V) : -0.646  
dV : % -1757.209  
V : -152.956

B

q1 (W) : 0.655  
q2 (W) : 0.447  
q3 (W) : 0.610  
dW : -604.710  
W : -100.392

84743

5

044

-44

29

AD

try A, C, B

7.34 23 1861038 2.925

(-33)

Down

-14 1/2 -66 2 5/8

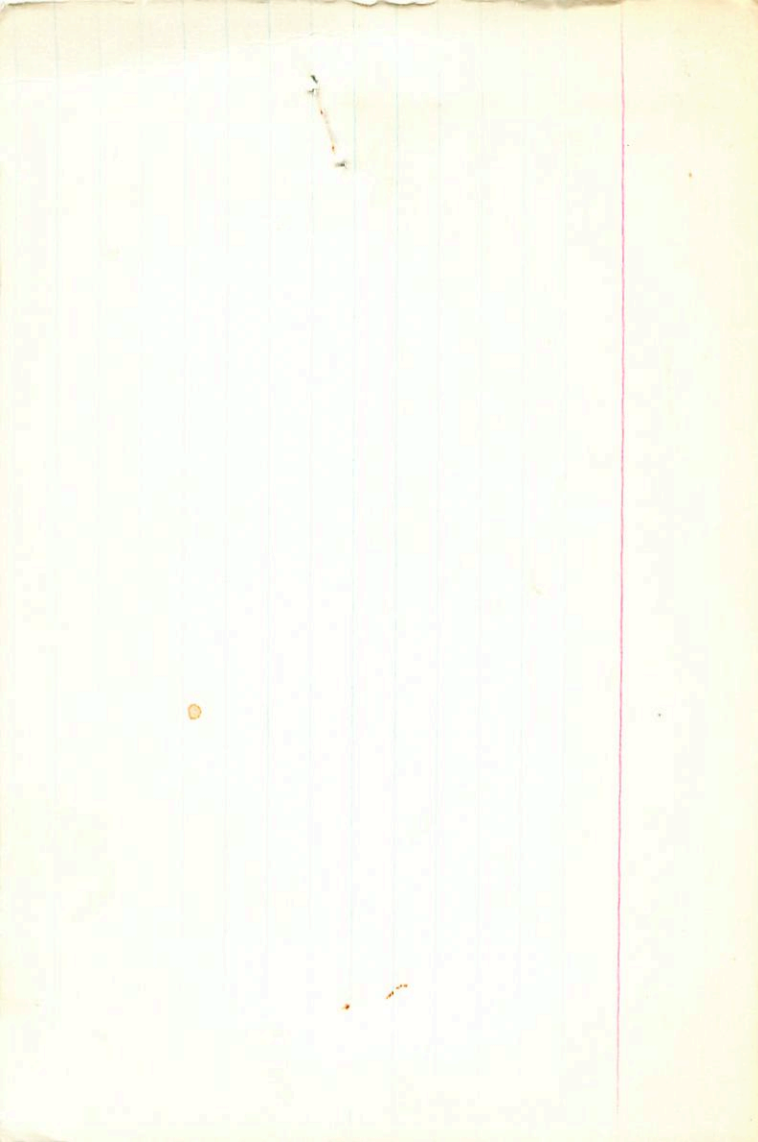
70

-00494044 77C FBY

-0527

-050 4045

(-35) v/w





3886 577-052-101-253-2470 6W+1P(2) 474  
 84903 / 9 45.3 -41 13 ~~80~~ 2000

APD -40 0375

Extremely weak-hand 1st C-band yields P/E

-0023 -013 4+C

1010 -17

-026 9.65

5.8  
 (4.2) 71 0.6

-023 -010 480

024 3

Non-Std?  
 1166  
 619  
 92

84903 -23 +44 -1.8  
 +0.55 -10 -93 (-2.65)

70 480.0 -76

M

102

157

1121

+650737      9 46.0 + 6533      9.5 G-3

TT 12603

42

47

-33.1 ± 0.4 Sander

Sta CMT *Stumbria*

§ = +11

9.70 + 0.67 + 0.10 4 Sander

3.80 = 57.5 ps

-50760 - 270  $\text{Cin} = 0$

-419 - 243 G'(6)

101

005

-415 ~ 235 G'(17)

-417 = 240

-763 - 190 + 1508 + 2161 + 17243 + 99.1 - 20.5 = 478.6

+101 4910 + 404 - 10352 - 1.2348 - 71.0 - 13.4 - 84.4

+639 - 370 + 675 + 4209 - 8421 - 48.4 - 22.3 - 70.7

59 240

4650737

9

458  
~~460~~

+ 65

82

CG 12

G 235045

9.70 to 6.7 to 10.10 5ml

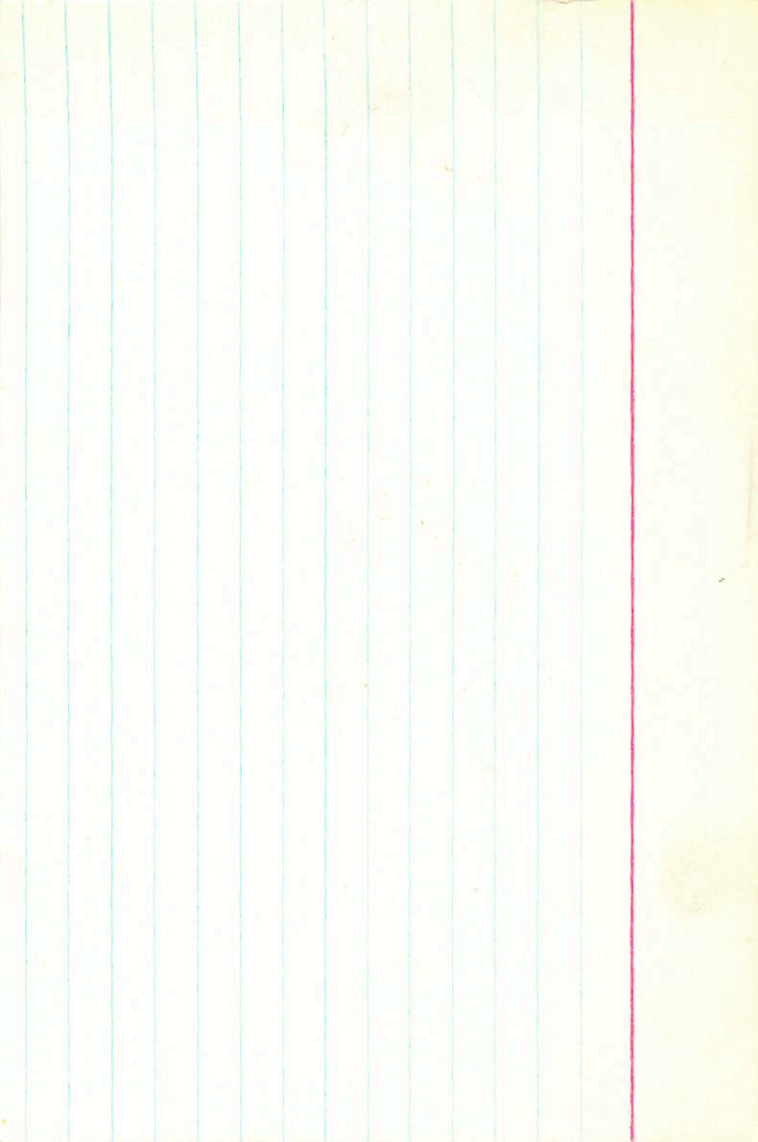
Strong LA

-33.1

-419 -243 G'

-715 -235 GAZ

-500 -290 Giehn



10  
-33

010-032

70009

86476 9 56.2 705 03 235 MY -25.0

+0007 = 45  
-0001  
1500.0  
+0007-032  
+010-032  
+0005-085

12.071  
+035  
12.036

-026  
-033 ± 6.0  
54.84  
+164  
56.57

1898.8  
582-915  
544  
424  
395

1607  
+0009 -044  
+7  
+0008 -043  
+35  
+0125  
+014 -040

12-000  
+032  
12.032  
-4

1533.9

55.52  
+08  
55.60  
-97

1305A

556 176  
12470  
93  
10180  
sus. pa.

-0259 #0530  
+0043 #0947  
+0203 -0476  
-0789 -28.8 -12.6 = -41.4  
-0904 -32.8 +17.0 = -15.8  
-0273 -9.8 -19.8 = -29.4

↓

1

15





86476.000\*

9.000\*

56.200\*

5.000\*

3.000\*

0.014\*

-0.040\*

7.000\*

363.078

-29.000

-0.137

0.432

-62.191

-0.143

-0.500

450 436 7.2

80 -72

3371  
3372  
3373  
3374  
3375  
3376  
3377  
3378  
3379  
3380  
3381  
3382  
3383  
3384  
3385  
3386  
3387  
3388  
3389  
3390  
3391  
3392  
3393  
3394  
3395  
3396  
3397  
3398  
3399  
3400  
3401  
3402  
3403  
3404  
3405  
3406  
3407  
3408  
3409  
3410  
3411  
3412  
3413  
3414  
3415  
3416  
3417  
3418  
3419  
3420  
3421  
3422  
3423  
3424  
3425  
3426  
3427  
3428  
3429  
3430  
3431  
3432  
3433  
3434  
3435  
3436  
3437  
3438  
3439  
3440  
3441  
3442  
3443  
3444  
3445  
3446  
3447  
3448  
3449  
3450  
3451  
3452  
3453  
3454  
3455  
3456  
3457  
3458  
3459  
3460  
3461  
3462  
3463  
3464  
3465  
3466  
3467  
3468  
3469  
3470  
3471  
3472  
3473  
3474  
3475  
3476  
3477  
3478  
3479  
3480  
3481  
3482  
3483  
3484  
3485  
3486  
3487  
3488  
3489  
3490  
3491  
3492  
3493  
3494  
3495  
3496  
3497  
3498  
3499  
3500

REG  
MOR  
DIST  
FM. D  
R. R.  
DEC  
R. V.

10  
-0.006  
0.685  
-32.002

R.A. : 9.750  
DEC. : 5.050  
PM. R.A. : 10.000  
PM. DEC. : -33.000  
DISTANCE : 5.000  
MODULUS : 100  
RAD. VEL. : -29.000

Q1 (U) : -0.784  
Q2 (U) : 0.447  
Q3 (U) : 0.430  
DU : -107.021  
U : -23.166

Q1 (V) : 0.13  
Q2 (V) : 0.79  
Q3 (V) : -0.58  
DV : -118.63  
V : 5.11

Q1 (W) : 0.62  
Q2 (W) : 0.41  
Q3 (W) : 0.67  
DW : 34.10

27/10/20  
8642

9

573

24

37

427

Cardinal

9.46 0.83

4007 106

2-10

8714

10

01.4

+54

35

-63.7

181

+55.1362

-063

8.48 474 116 278 2.539 (5)

598 487 109 252 (1)

482 113 255

+192  
104  
592

10134-025

Country

116-25

200

76

3.26

-43.7

16







654-17

88371

10 09.0 + 24 00 862 + 83.2 0447

6614001

8.43 + 0.63 + 0.12 0.25

+240243

8.41 407 186 329 2.584

42335

4.42 415 179 340 338

166441

983-0224 + 063 60 +

(8A(20)

-388 406700

-389 40727

0 -7

17A(15)

82245 + 0645

X

116

~~388 + 0645~~ 60 +

21

-387 + 70 AGINS

60274

-389 + 654 ->

14 182-335

-388 + 67 66 ->

135

~~388 + 67~~ + 83.2

+4.0

-387 4071 44

467-985 407 514 -355 +070 +83.2 625 +34 +303

187-013 341-025 975 1.530 -68 +36 024

-3 43 22

-15 -43 36

24 -15 22

-2 96 22

-11 -49 36

19 -14 22

-30 95 +46

+102 -22 +33

-22 109 +45

+116 -24 +23

C 21

88371

6614001

W6441

72395

+2402193

+147 -22 +4 .015

+121 -23 +21 .020

+95 -23 +30 .025

10 09.0 +24 00 262 +83.28 W(4)

8.43 +0.63 +0.12 -6.27 R

$S = .07$  W(+4.5)

-396 AR

-397 MC

-388 1067 ac

-359 +5 +0.22 +54

(821428)

(51111)

+1965

see 7 Sect (85504)

$$-0.238 \pm 6.4 \quad +0.67 \pm 6.3$$

$$-0.209$$

$$+0.59$$

$$\begin{array}{r} 2.100 \\ 1.123 \\ \hline 3.223 \end{array}$$

$$1902.5$$

$$+24 \quad 0$$

$$4.61$$

$$1903.6$$

$$3.11$$

$$\hline 1.50$$

$$\begin{array}{r} 2.628 \\ 26 \\ \hline 65.4 \end{array}$$

$$\begin{array}{r} 6162 \\ \hline -561 \end{array}$$

26.9

$$\begin{array}{r} 2.98 \\ -15 \\ \hline 2.83 \end{array} \quad 1928.22$$

$$606$$

$$\begin{array}{r} 2.64 \\ 31 \\ \hline 671 \end{array}$$

$$3.3 \quad 1930.1$$

$$-7$$

$$\hline 3.23$$

$$583.2$$

$$29.7$$

26.1

$$\hline 3.03$$

$$+153$$

Handwritten text on a piece of paper, including a small diagram of a horizontal line with vertical end caps.



83871.000\*

10.000\*

9.000\*

24.000\*

0.000\*

16 15:51 11

922415

210

④ 1005 24 080 301

1057  
+345

175  
94

120 52h

1231  
405  
110  
000

R.A. : 10.250  
DEC. : -52.250  
R.A. : 700.000  
DEC. : 22.000  
ANCE : 5.190  
ULUS : 109  
VEL. : 197.700

1 (U) : -0.812  
2 (U) : 0.554  
3 (U) : -0.183  
dU : % -1592.481  
U : -209.947

1 (V) : 0.186  
2 (V) : -0.051  
3 (V) : -0.981  
dV : 372.441  
V : -153.339

1 (W) : 0.553  
2 (W) : 0.831  
3 (W) : 0.061  
dW : 1209.354  
W : 144.152

4



89668

10 18.2 -01 13 +35c w(4)

6i18-244  
06509

42424  
-002326

9.41 +1.09 +1.00 N 3V R

-672  
-200  
+8510

W(+8.1)

8.3

-66 -16 Cin

+59 -48 -18 .046  
+55 -47 -15 .050

-625 -149 CR  
-681 McR  
-632 VR

-672 ~200 HIGH  
-667 -187 Y 2.4  
-666 -194 +350

-625 ±10 -149 <sup>CR</sup> CR

-667 ±9 -188 ±7 Y

-655 -165

-46(4)

404(4)

437(10)  
-100(7)

19 ±4

-625 ±10 -149 ±2 CR  
-631 McR  
-632 VR

430-903 -021 1.000 -655 -165 +35.0 003 -1-782  
282-001 591-003 1.350 2.795 +35.0 -32 +15 / -2 +76-18

+127 623  
-45 -50  
-44 -88

+59-49-18

0455

6

1800-3000

1800-3000

1800-3000

1800-3000

1800-3000

1800-3000

1800-3000

1800-3000

1800-3000

1800-3000

1800-3000

1800-3000

1800-3000

1800-3000

1800-3000

1800-3000

1800-3000

1800-3000

1800-3000

1800-3000

1800-3000

1800-3000

1800-3000

1800-3000

1800-3000

89668.000\*

10.000\*

18.200\*

-1.000\*

-13.000\*

-0.669\*

-0.194\*

2.400\*

30.200 33.11

~~35.000~~

3.140

0.304

45.71 1.55  
23.3 5

0.5

1124 761 75.263

-1.290 62

-0.654

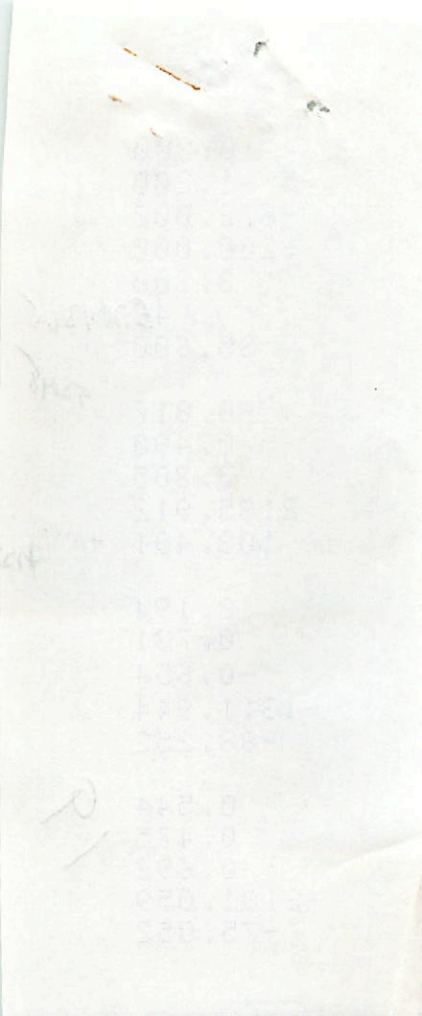
52 -53 -61.855

-2.158

0.693

19

-26 -40.946



10.300  
- 1.200  
- 672.000  
- 200.000  
3.300  
45,704365  
35.600

5248

- 0.817  
0.490  
0.305  
2135.912  
100.491

+104 +10

0.194  
0.731  
- 0.654  
- 1311.944  
- 83.252

0.544  
0.475  
0.692  
- 2181.059  
- 75.052

9

G 236-20

10-25-44 +63 15

-184.7 (44)

.737 142

12.85 0.63

12.74 0.61

Sp. D. <sup>about</sup> 1 1/2

$\left[ \begin{array}{l} 144 \\ 184 \\ 157 \end{array} \right]$

E 208

324

187

711

1547

(NO)

20





R.A. : 10.400  
DEC. : 63.250  
R.A. : 324.000  
DEC. : -187.000  
ANCE : 7.150  
ULUS : 269  
VEL. : -184.700

(U) : -0.825  
(U) : -0.045  
(U) : 0.564  
dU : -530.343  
U : -246.919

(V) : 0.211  
(U) : 0.901  
(U) : 0.380