

57306

7 16.6 -54 24

P8WFB

541242

(P) [full P] ON

-002-035 Cape
-003-043 Sydney

-004-039

-002-037

-9 -1

-006-038

+002-040

+3

-70

46

-0025-035

010
700
000
000

Handwritten initials

R.A. : 7.250
DEC. : -54.400
1. R.A. : 3.000
1. DEC. : -40.000
DISTANCE : 4.600
MODULUS : 83
D. VEL. : 0.000

q1 (U) : -0.344
q2 (U) : 0.936
q3 (U) : 0.075
dU : -180.304
U : -14.997

q1 (V) : -0.322
q2 (V) : -0.042
q3 (V) : -0.946
dV : 5.314
V : 0.442

q1 (W) : 0.882
q2 (W) : 0.350
q3 (W) : -0.316
dW : -58.984
W : -4.906

94

94

1220 890 256 MF
 58535 7 22.8
 4932 19 78
 -0019 ±3.9 +008 ±3.1
 -0010 +010
 -31 43 5.4 N2 +19.9a
 -0045 +003

2403 48.832 1906.3 -31 42 34.25 190.1
 83
 915
 -0015 +006
 0 +006
 -47
 34.72

1202 47 20 48.859 -0195
 858
 850
 850
 065
 40.6
 66.2
 34.71 1939.45
 9601
 48.0
 46.9

457 48.823
 120
 843
 48797 3447
 23
 820 34.52
 +009 -116 +007
 +006
 +003
 +003
 34.08
 +9
 33.99
 195.653
 17

(20)

124
124

174
107
184
219 084

124
124
124

99

7 27 17

1072 1278

155

ASLT

NSND
OPNTR
QNSR
LMSHILL
102
102

05530

PM

BL P=16kg

a=0.17

c=0.10

Σ 1.8

0904
0916

1910-14

9.5

16744

MFB

1357103

250

1079

10.72

1250

1022

+10.00

+10.72

153

9531

1314

-8026

~9413

-0.2

9.1

-6.9

-53.6

31.2

-0.3

9/5

7 29.8 +31 13.6

~~72674~~

68904

87X8

1990 6411

P=5049 d

25p 4904

305-250

75

4904

212

(X)

96

502-

Kaplan

858

48.4

96

0/0

R.A. :
 DEC. : 7.280
 PM. R.A. : 31.280
 PM. DEC. : 26.880
 DISTANCE : -362.880
 MODULUS : 6.280
 RAD. VEL. : 200
 8.480

p1 (U) :
 p2 (U) : -0.376
 p3 (U) : 0.882
 u1 : 0.913
 u : -167.532
 -32.715

p1 (U) :
 p2 (U) : -0.583
 p3 (U) : 0.750
 u1 : -0.131
 u : -1201.28
 -300.230

016
R.A. : 7.500
DEC. : 31.200
PM. R.A. : 96.000
PM. DEC. : -309.000
DISTANCE : 6.500
MODULUS : 200
RAD. VEL. : ~~1052~~ 8.400

64
q1 (U) : -0.396
q2 (U) : 0.009
q3 (U) : 0.918
dU : -167.539
U : -25.715

244
q1 (V) : -0.283
q2 (V) : 0.950
q3 (V) : -0.131
dV : % -1501.68
V : -300.730

289
q1 (W)

60298 7 818 +25 04 G2 V

G88-41

7.40 + 0.64 + 0.10 518

7.17 + 0.215 (2)

6.9
6.55

3

+137.85
-124.5

13.35

-139.0

5

+0104 - 86460

+0102 - 358 (marked)

+0103 - 361

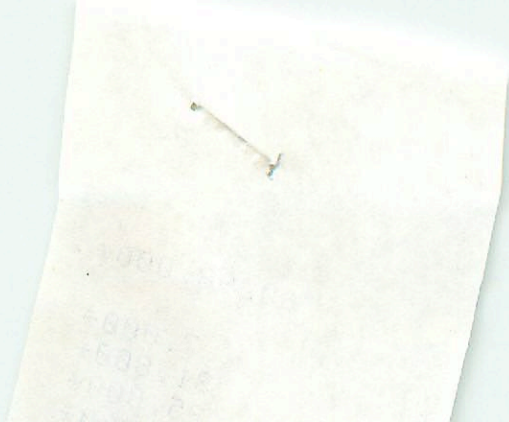
+01015 860

+188

+185 - 358

325

97



60298.000*

7.000*

31.800*

25.000*

1.000*

60295

7 31.8 125 04

~~1002050121~~ (14)

6610130

-134.5 -2.6 0(14)

W5047

7.34 10.67 10.11 6.25

MO.1 10

+2507209

$\delta = 10$

-137.5

-132 -12 -50 .040

+146¹⁰ -364¹⁶ 6-8

-130 -20 -47 .036

+13655 -34754

+140 -355

47.621

1508.4

+010659.5
+0104

+254

10.09 1504.0

-441
180

16.42

26.51

99.2

47.340
25

388

870

435

255

24.7

18.22
4 1526.04

18.26

15.71

32.77 1487.67 32.9

-17.64

15.11

300

28.0

10.574
26249
7.4
1.1
46.2

-24
13
4

~~14.7~~
16.50
4

14.7
10.01

7 32.5 45 10

252
-454
5154

-440

544+

~~444~~

446

374

RF 252

638

1001 252 252

352



11- (A) 11

28

7.550
-45.150
-440.000
445.000
4.600
83
317.400

-0.406
0.891
0.204
2476.176
270.732

-0.275
0.094
-0.957
602.450
-253.600

0.872
0.445
-0.207
-343.969
-94.246

98

98

G-89-33

7

35.2 705 50

+83.4 (5)

+6.1736

10.36 0.02

.313 128

747 -193

248

-193

445

+83.4



99

Handwritten notes on a piece of paper, possibly a receipt or invoice, with a metal fastener at the top. The text is mirrored and includes:

Handwritten notes on a piece of paper, possibly a receipt or invoice, with a metal fastener at the top. The text is mirrored and includes:

Handwritten notes on a piece of paper, possibly a receipt or invoice, with a metal fastener at the top. The text is mirrored and includes:

R.A.	:	7.600
DEC.	:	5.850
R.A.	:	248.000
DEC.	:	-193.000
	:	4.650

→ 3.0

5.50

8.58

8.6

+4.20	+1.20	+1.20	+1.20	+1.20	+1.20	+1.20	+1.20
+1.20	+1.20	+1.20	+1.20	+1.20	+1.20	+1.20	+1.20
+1.20	+1.20	+1.20	+1.20	+1.20	+1.20	+1.20	+1.20

10.20
 10.20
 10.20
 10.20
 10.20
 10.20

10.20
 10.20
 10.20
 10.20

10.20
 10.20
 10.20
 10.20

10.20
 10.20
 10.20
 10.20

$10.07 + 0.56 - 0.04$

$+220396$

23.5
 23.5
 23.5
 23.5

493.122

-20.9

2 45.8 + 22 24

G5-1

4.53

54

102

77

100

829

17581

-00

1038-002
-0370-

2 48.0

854 + 86

-0045 + 100
-00465 + 10015

6.45 + 115 + 105 0545
056 206 959 2.899 6

Am:

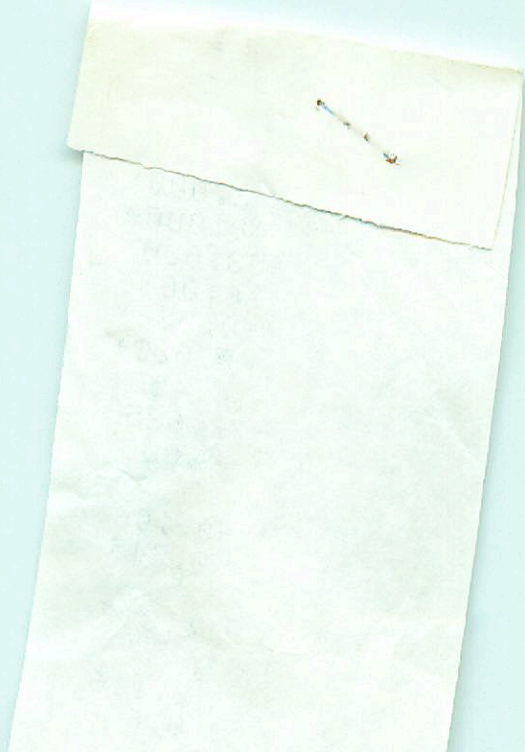
-480

747

DEC. 20.400
R.A. 20.000
DEC. 20.000
R.A. 20.000
TANGE 2.000
DOLUS 150
VEL 123.000
1 (U) 0.412
2 (U) 0.100
3 (U) 0.100
4 100.000
5 144.000
6 0.400
7 (S) 0.400
8 (S) 0.400
9 (S) 0.400
10 1.100.000
11 1.100.000
12 (S) 0.400
13 (S) 0.400
14 (S) 0.400
15 1.114.500
16 152.000

2.750
22.400
58.000

101



839.000*

2.000*

48.000*

58.000*

6.000*

-0.038*

-0.002*

4.450*

77.625

-4.800

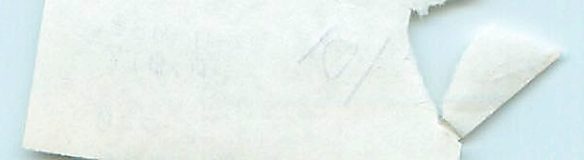
-0.106

0.745

-11.812

0.116

0.666



101

-0.080

-0.017

-0.740

180031

'2 49.9 -55 17

630 W

55470

Probability Ablythly wench build

+0006 1014

+0009 1017

+0011

+011 1014

18012

2

51

+1

43

65

0.47

$$6.78 + 0.54 + 0.54 \text{ ①}$$

$$6.33 + 0.37 \text{ ②}$$

9.0

-127.4

"
-043 -155 Fk4 + Com.

$$\begin{array}{r} 3.125 \\ 120 \\ \hline 355 \end{array}$$

$$\begin{array}{r} 3.125 \\ + 25 \end{array}$$

$$\begin{array}{r} 3.150 \\ \hline 105 \end{array}$$

$$1897.3$$

$$\begin{array}{r} -042 \\ -3 \end{array}$$

$$\begin{array}{r} -045 \\ -3 \end{array}$$

$$+ 2$$

$$\begin{array}{r} -043 \end{array}$$

$$\begin{array}{r} -0026 \pm 5.4 \\ -0027 \\ \hline -0027 \end{array}$$

$$-152 \text{ BL}$$

$$0$$

$$\begin{array}{r} -155 \text{ Fix} \\ + 12 \end{array}$$

$$\begin{array}{r} -157 \pm 5.4 \\ -147 \end{array}$$

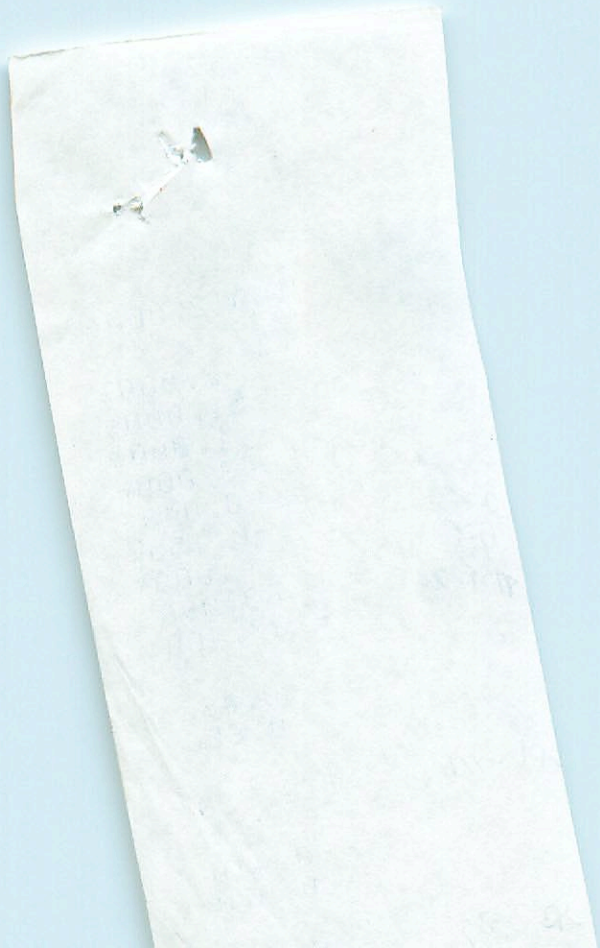
$$-1524.44 \quad 1895.2$$

$$\begin{array}{r} 860 \\ \hline 1304 \end{array}$$

$$7.13 \quad 1934.5$$

$$\begin{array}{r} 12 \\ \hline 7.25 \\ \hline 5.79 \end{array}$$

162
1



18812.000*

2.000*

51.000*

1.000*

43.000*

-0.043*

-0.155*

4.000*

63.096

-127.400

-0.462

0.656

-112.723

-0.410

0.078

-25

22
45 425
71.28 70.5

121 -116

43 -39

244225

2 588 -36 50

12.96 565 44 308 395

PLS (H)

-0.65

4500 + 2258

Velocity?

18484
1572

636
7

560

121 25

+27.7

665 A3

AD5225

5225

0022 -017

0020 0030 -013 8.12 54.3

0030 -016 9.5 126

0030 -0153 9.5 0.81 219 00

0030 -0131 796 989 044

0423

510-016.5

219 1022

6440 1010
1885 1936
1417 -0101
609 6049

5852

825

5500

1414

7.64

916

151

78

46

-16

602.7

127

8.15

103

674058 67 M
5741

14305 3 03. F 21/1 401 47

2418
213

(3913)

155
155
155

8354 920 0.03

7642 910 +1.35 +1.24 R
+10543 8.98 +1.44 Mansford

(1105)

+389
+365
+373
+350
YR
MC R
VR
Y 47

-31 -60 -1 .068
-31 -75 -5 .059

+384
+333
+384
-85
-85
-85

+390-883 8700 R.d.
+356

+375
410
1.0

(Candling) 928

+340
-883
-17
-883
-85

→ 241

391-928

-21.46 w(4)

391
-928
-31.3

5835



~~0/10~~

~~35~~

~~107~~

~~167~~

~~055~~

~~34~~

~~565~~

~~1710~~

104

R.A. : 3.828
 DEC. : 1.808
 PM. R.A. : 391.898
 PM. DEC. : -928.098
 DISTANCE : 0.898
 MODULUS : 14
 RAD. VEL. : -31.308

d1 (U) : 0.281
 d2 (U) : 0.483
 d3 (U) : 0.987
 q1 : -999.827
 u : -32.861

d1 (V) : -0.787
 d2 (V) : 0.744
 d3 (V) : 0.845
 q1 : X-4500.888
 u : -88.237

d1 (W) : 0.428
 d2 (W) : 0.483
 d3 (W) : -0.258
 q1 : X-1217.89
 u : 2.182

101

R.A. : 3.050
DEC. : 1.800
PM. R.A. : 391.000
PM. DEC. : -928.000
DISTANCE : 0.800
MODULUS : 14
RAD. VEL. : -31.300

q1 (U) : 0.561
q2 (U) : 0.462
q3 (U) : 0.687
dU : -993.827
U : -35.861

q1 (V) : -0.667
q2 (V) : 0.744
q3 (V) : 0.045
dV : % -4506.605
V : -66.537

q1 (W) : 0.490
q2 (W) : 0.483
q3 (W) : -0.726
dW : % -1217.869
W : 5.105

104

$$\begin{array}{r} -26.4 \text{ (4)} \\ -30.9 \text{ (5)} \\ \hline -57.3 \end{array}$$

5-17 3 07 13 +15 11 24

114.524

-28.6

9.07 82 50

-73 -241

8.1
+15.2

-76

144

3.1

-25.6

105



Handwritten text on a piece of paper, including the word "LONDON" and a date "18th Dec 1891".

LONDON
18th Dec 1891

MR-530

115062

2213

12.1 -10 06

9m2

Sevin ~~pesticide~~

2.94 + 1.575 + 1.875

5.50 + 0.795 3,2

1273

28

-0.030 - 0.048

5.52

447

80m

855

2075.515

820

-11-116 -34

+2-24 -12

N=2.83

R=2.50

4.10
1.3

26
1/2
1/8
1/4

2007-812

2022-810

055211

26.40 00.5

206

810

11
104.5

33

13.208
-10.100
-15.000
-48.000
8.000
501
27.000

DEC
PM
PM
DISTANCE
MODULUS
AD. TEL.

-8.000
8.413
8.413
-0.000

01
02
03
04
05

8.000
8.413
8.413
-0.000

01
02
03

R.A. :
DEC. : 13.200
PM. R.A. : -10.100
PM. DEC. : -25.000
DISTANCE : -48.000
MODULUS : 8.500
RAD. VEL. : 501
27.300

q1 (U) :
q2 (U) : -0.809
q3 (U) : 0.418
dU : -0.413
U : -0.586
-11.570

q1 (V) :
q2 (V) : 0.581
q3 (V) : 0.675
dV : -0.455
V : -221.369
-123.000

65-26

3

1419

+23

27

578 (19)

632 136

1360 100

439-455

478

455

478-455

6.1

6.5

1300 0.795

157

PM.

DEC.

R.Y.

.....

1955

1000

1000

1000

1000

1000

PM.

DEC.

R.Y.

.....

1955

1000

1000

1000

1000

1000

2057 15394 3 .57 +15 10 -2.8 (7)
 35 → 247 79 → +8.4 (13)
 +14.550 738 82 38 3/4 P. 120

742 487 271 346 (2)
 744 483 275 337 (1)
 485 293 343

+1.48 201.22
 17154 1126

+6008 -268
+012 -268

12
 -268 3.75
 675
 8.4

208

(Faint, mostly illegible text on a torn piece of paper)

... 0.500 ...
... 0.400 ...
... 0.300 ...
... 0.200 ...
... 0.100 ...
... 0.050 ...
... 0.025 ...
... 0.0125 ...
... 0.00625 ...
... 0.003125 ...
... 0.0015625 ...
... 0.00078125 ...
... 0.000390625 ...
... 0.0001953125 ...
... 0.00009765625 ...

(Additional faint text and numbers are visible on the right side of the strip, including what appears to be a list of items or measurements.)

.A. : :
EC. : : 3.250
.A. : : 15.000
EC. : : 12.000
NCE : : -268.000
LUS : : 6.750
EL. : : 224
 : : 8.400

(U) : : 0.525
(U) : : 0.286
(U) : : 0.802
dU : : -334.210
U : : -68.087

(V) : :
(V) : : -0.282
dV : : 0.179
V : : -954.811
 : : -212.248

(M) : :
(M) : : 0.528
(M) : : 0.629
MP : : -0.575

471

26

711

713

R. A. : 3.250
DEC. : 15.000
R. A. : -1.480
DEC. : -301.250
R. A. : 3.750
DEC. : 56
R. A. : 8.400
DEC. : 56

DELTA : 0.525
DELTA : 0.286
DELTA : 0.802
DELTA : -411.661
DELTA : -16.416

DELTA : -0.667
DELTA : 0.723
DELTA : 0.179
DELTA : 7-1027.533
DELTA : -56.275

DELTA : 0.528
DELTA : 0.629
DELTA : -0.570
DELTA : 02.076

108

68-15

4

17.4

45

42

730 00

9.98 00

992 344 154 239 0.580¹⁴⁰

500

4.64

343 154 239

405 5.23

451

343 491

451

4.50
+330

109

95 cat
20559
GC3953
W1827

3 15.8 -01 07
5.37 +1.04 +0.8 (N11E) W(+0.4)

910 +2256 W(3)
+324 P.

A052459
orbit 545

247 -049

S=11 R
+0168 ±2 -049 ±2 Vari Much

+53 -64 +18
+44 -45 +8
+41 -38 +4

450 952
9.2
88
44

+252 ±2 -049 ±2
+252 ±2 -047 ±2 GC
+255 ±6 -056 ±7 Y1

351.98
1.07

+0168 -049 GC 335 -049
+0165 -050
+2475

(9A(20))
4M(10)
-18Y(10)
4 ± 5

1.4 D

244 -052



48.734

-981

1891.6

+0168 52.0
+0161
-050

-050
-050
-011

1892.9
217
217

47.753

10168

169

+2.68

37.27

1433.00

21
0165 -048

32.118
16.263
48.481

49052
4111
4111
4111

70.24
31.18
39.06
-1.06

96
34.18

7262
00165 -049

3 948

44.7

34.63

1939.65

21

48.551
+12
563

494

6643

137

36.3

21

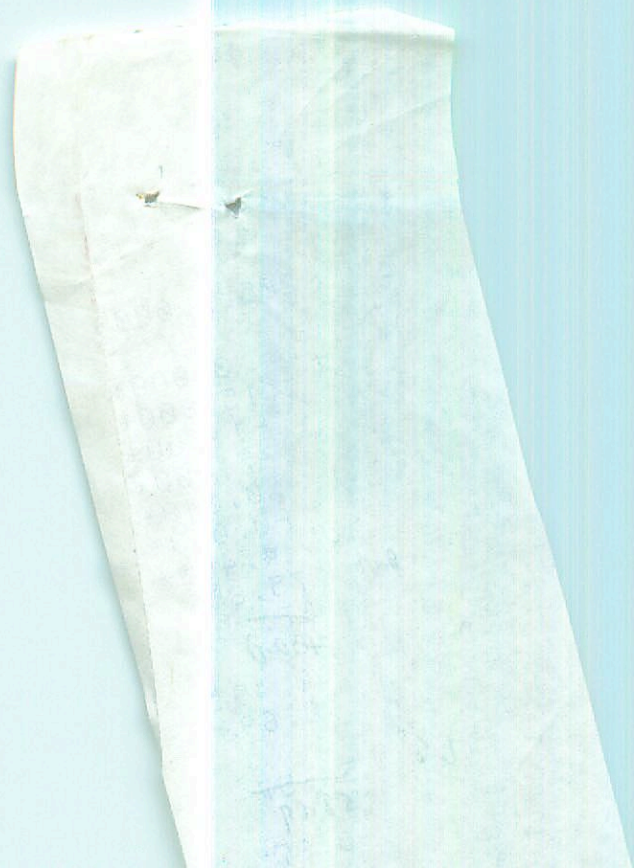
+92

4801
40.24

39.26

43.4

015
4050



20559.000*

3.000*

15.800*

-1.000*

-7.000*

0.249*

-0.053*

4.400*

75.858

~~27.000~~

130.0

0.492

0.693

~~56.574~~

58.09

-0.975

50
900

37

4020559

9566

W1827

653953

3 15.8 - 01 07 910 +2788
 5.37 +1.04 +0.81 1412

(70474)

70474-049 v. m. med

+253-050

70474

7075 - 068 A603

(70474)

7217 - 029 A603
 7229 - 097 Yale

754657 0 1 1253-050 1228 00-237 ✓

-191 0 166 0 -905 787 +18 +21

⁻²³

022

1459 +57 -11

+43 -44 +6

-25 50 -5

-46 -25 -8

+90 -9 -5

49.011 (blue) 40.74

R.A. : 2.750
DEC. : 22.400
R.A. : 58.000
DEC. : -358.000
TANCE : 5.500
DULUS : 126
VEL. : -23.000

1 (U) : 0.612
2 (U) : 0.209
3 (U) : 0.763
dU : -198.378
U : -42.520

1 (V) : -0.663
2 (V) : 0.660
3 (V) : 0.352
dV : % -1289.265
V : -170.398

1 (W) : 0.430
2 (W) : 0.721
3 (W) : -0.543
dW : % -1114.720
W : -127.856

100

-00

$\frac{-038-002}{-0370-}$

-0045 +001
-00465 +0015

829

2

48.0

+58 06

17581

6.45 + 115 + 105 @ 545 ~

056 206 959 2.859 6

Am:

7.45

-4.8 a Sp. 0 P=9.25^d

101