

181577 19 18.6 -17 57 F074

H07340

Cc26694

445gr

393 +22 +145
393 +22 +126

1015+015

1137 .180 .940 2.813③ ~~8.115~~
1129 .188 .955④ 2.812⑤

0.26 +0.08

133 184 958 2813
184 958 2813
901

24
11
3.1
110

Bul 51

R.A. : 19.300
DEC. : -17.950
PM. R.A. : -26.000
PM. DEC. : 18.000
DISTANCE : 3.100
MODULUS : 42
RAD. VEL. : 1.000

q1 (U) : 0.354
q2 (U) : 0.213
q3 (U) : -0.910
dU : -23.357
U : -1.884

q1 (V) : 0.314
q2 (V) : 0.890
q3 (V) : 0.331
dV : 39.093
V : 1.961

q1 (W) : -0.881
q2 (W) : 0.403
q3 (W) : -0.248
dW : 137.664
W : 5.490

40

191623

19 19.6 -44 54 dF1

HR7248

622678

~~constant~~

0.54

$\frac{+1099}{+1095-0.54}$

[m] 192

[c] 756

1111111

133

-59

335

112

2.60

(215) (808)

F01E

428 +34 +5 6

212 155 747 2.101

.209 1.152 .800 2.648 (788,4,2

.213 1.157 1.796 2.702 (862

1211 154 1.798 2.707 +0.47

212 185 757 2.201 +47

-6.6 -3.3 -17.5 +101 +13.5

+225 -75 -479 -0.00

Handwritten scribbles or marks, possibly initials or a signature, located in the upper center of the page.

HP7343 1037
Bapt

16/6/23

W11819

Not Published

19 19.6

4.25 + 0.34

APR

1920

59

+13564
+222
~~1806~~

+092-05766
+9 +7
+101 -050

F0III

-1-5, 19

227(110)

+18.5(4)25

0860
-940

R.A. : 19.300
 DEC. : -44.900
 M. R.A. : 133.000
 M. DEC. : -59.000
 DISTANCE : 3.250
 MODULUS : 45
 D. VEL. : 17.500

q1 (U) : 0.354
 q2 (U) : -0.222
 q3 (U) : -0.908
 dU : 220.497
 U : -6.045

q1 (V) : 0.314
 q2 (V) : 0.943
 q3 (V) : -0.108
 dV : -123.487
 V : -7.413

q1 (W) : -0.881
 q2 (W) : 0.247
 q3 (W) : -0.404
 dW : -462.333
 W : -27.725

+27.0-3.5-21.9
 -11.2-1.6-33.0

M

41
-190

7357 19 20.9 +14 50 A3

182239
beca1

26749

159 154 823 (2) 800
763

6064 068 1192 76

+1.75
+2.12

8004 +101
-100

-13
+1

+9.0

0.10 6060
0.25 653

7340

14

18.8

-17

57

FOPE

181577

26094

393 +22 +12 c

Rent 1

7369

19

22.1

416

51 Am

054221

45692

Signature

~~6.25~~

SB 70

1007 - 013
+ 12.0

~~206 966 2881 J6~~

034 184 995 2880 total

190

782

(35)

126

380

047 = 60

988

031 = 7

+ 1.25

1368

5.0

1430

3rd 51

034

42

185

185

7369.000*

19.000*

22.100*

16.000*

51.000*

-0.007*

-0.013*

5.000*

100.000

12.000

-0.055

-0.620

-12.929

-0.043

0.765

5.001

-0.000

0.011

0.106

7371

19 20.4 465 37 A212

182864

26735

-28.7

4.54 402 406 J

+012 +042 (H)

458-103 1584

~~408~~
408-4042

1923

20
43

Bud 81

3.54

-28.7

43

Handwritten notes on a piece of paper, including the words "RAD. VEL.", "MODULUS", "DI", "PM.", and "DISTANCE". The text is oriented vertically and appears to be a list or set of labels.

R.A. : 19.350
DEC. : 65.600
PM. R.A. : 20.000
PM. DEC. : 43.000
DISTANCE : 3.590
MODULUS : 52
RAD. VEL. : -28.700
: 0.365
: 0.924

f = 0.16

S Agl 19 23.0 +03 01 dAsm -25.9 6

17R7377 3.38 +0.31 F012 +255 +07966

+255 +0824
+250 +084

+253 +082-

F012
F126

+01717 +00810

+252-0910

W351

+01709 +0954
+01715 +0859

259 3544 2603
181 127 15851
299 ~4351 5384
 -0703

259
158
0.98
299

+259 +084

~~299~~

299

~935 354 052 559 +253 1052 -25.9 004-15 359
237 004 090 001 1.18 445 -25.9 -11 +28 0455

+12 +37 +6

+37-6-14

05

+11

624(20)

562(5)

674(16)

+6 +35 +5

06

+34-8-11

07

+5 +34 +4

+32-10-8

SAG
182640 19 23.0 +3 01 dAsm -29.98

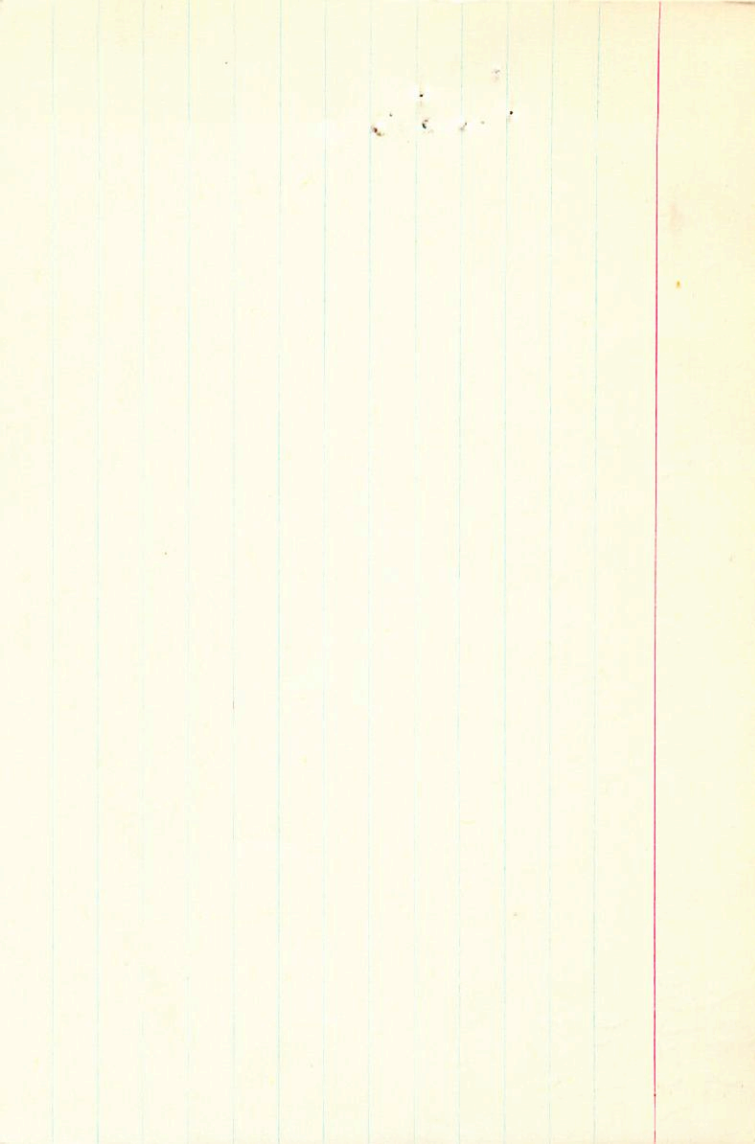
76816

11863

+0169¹⁰¹ +082⁹² N3U

+0170±06 +082±0.6 CC → N3U

62±5



182640

335 12 1104
19 23.0 + 31' 10" 1

FOTO

MOR 7377

336 + 32 + 45

+ 2.25
+ 1.90

GL 26816

337 + 32 + 46

30(s) Spl

204 168 515 2239

[m] 2 03 +13 ⁵² 925

.210 .165 .713 @ SPL 2.734
215 163

(5th) out

[C] 671 1

x 1.00

+33.3 - 8.8 - 11.0
+656 +641 - 894

+127

44

2110 808 279-2125 51-612 31

83584

511
788

5080 AC11 151 AC0

555-850-111 610-6100

40-1110

W : ... 34

M. REA : ~~14.000~~
M. DEC. : -19.000
DISTANCE : 6.200
MODULUS : 174
AD. VEL. : -20.800

q1 (U) : 0.386
q2 (U) : 0.163
q3 (U) : -0.908
dU : 9.103
U : 20.470

q1 (V) : 0.291
q2 (V) : 0.912
q3 (V) : 0.288
dV : -64.214
V : -17.144

q1 (W) : -0.876
q2 (W) : 0.375
q3 (W) : -0.304
dW : -87.875
W : -8.941

45

45

7415

14 280

+ 3 20

605 Ave. Shell

7422

19 30.7 -40 09 A2

+D.18

184835

27006

+0007

-101 skg

053

127

140

2882

(2)

+0009 +001

5.89

057

153

1.157

2.826

91116

5-12-077 1.384

163

324

096=4

650=2

10103

+0009 000

1146

1472

1576

11192

010 167 145

1472
1576

F02

P00
340
144
96

11004 1004
11005 1005

4

570

976

9970

244

0780

1114

5.5

976

0780

4/6

6027067

19

33.0

-24

50

085 237 925 282

7931

18458

00045

-0175

-018

1006049

708014

24

402

523-024 1.337

+1.64

150

Cents
-30.5a

Handwritten scribble

400
276
-872

Faded printed text on a separate piece of paper, possibly a receipt or document, with a signature at the bottom.

M
M.
IS
MC
D.

o
o
o

o
o
o

o
o
o

46

HR7431 5.66 + 0.19 1.60 Edge 5.68 + 0.20
 184552 19 3.3.0 -24 50 5.7 Am

27067 +0006 ± 2.3 -0.2 ± 2.4
 +0005 -0.25 Sp. B. ^{only} alt

11987 59.586 1900.8 49.36 1900.1
 -0.30
 550
 46.11
 -44.3 ± 1.2 5 Edge
 -25 Shin

26 + 0005 - 0.18 →

+10 -22/60 → 120
 +9 -22 →

59.585
 -16
 569

35.8

49.08 1939.06
 +12
 48.96

+10 -22
 0.15
 59.544
 0
 49.34
 49.50

23.198
 36.424
 59.622
 573
 +017

+0006 -0.24
 +0008 -0.22
 +0092
 +0000 -0.24

8.08 1941.25
 1803
 49.45
 49.21
 49.01
 109.65
 36.6
 35.3

28.524
 31.098
 59.622
 590.11/574
 70
 5.26
 17.77
 50.57
 1.52
 49.926
 48.71
 1929.34

350 = 50.1 pm.

30.5

30.9 p.

30.9 pm.

10.5	+27.6	+28.1
-2.5	-7.3	-9.8
-2.8	+10.8	+8.0

54

50 pm.

413 112 964
 270 933 239 ✓
 -670 342 -355

+0266	-0117
+0174	-0973
-0561	-0357

+0149	-0600
-0918	

+0.7	+27.6
-40	-7.3
-46	+10.8

+283
-113
+6.2

20 pm

~~1285~~

~~-129~~

~~414~~

~~V~~

R.A. : 19.550
DEC. : -24.850
R.A. : 9.000
DEC. : -24.000
TANCE : 4.020
DULUS : 64
VEL. : -30.500

7431 19 330 -24 50 Am

184552

27067

-17
+16

5.66 +19 #12.5) C

62 mm
34 +2.0

5.66 095 206 976 2880 16,427

22
+00055 -0250

+00077 -0214
-17

+223 +957 2.880

8 days

$M_V = +12.1$

-303

m-M 3.55

+0104

+010-023

(3)

48



7431.000+

19,000+

33.000+

-24.000+

-53.000+

3.010+

-3.023+

3.450+

43.978

-33.300

3.007

-3.907

27.815

-3.000

2.55
51.3

7436 14 31.9 +38 40 A32

184603

6.48 661 -067 1388

27034

063 186 1024 2.575 2.875

1024 37
1024 37
1024 37

1974
391
1011
465
1521

205

092 = a
044 = a

+13
5.15

5.20
100 021

+145
1441

025 6.50 131 524

49

7435.000*

19.000*

31.900*

38.000*

40.000*

-0.002*

0.031*

5.150*

107.152

17.000

7444 19 33.1 +42 18 72 A2V

184875
27070

W350

5.35 + 0.5 + 0.9 (1899)

area (10)

1169

140 152 1197 (25) PC 2.873

+0032

194 1169

12.5

+024

03

040 192 1177

+0036

+0.4

5

4.9
4.7

+004 +034

19892-2089 } 0289
1469 - 9786 } 0084

+004 +026

+002 +026

368 184 686

50

R.A. : 19.550
DEC. : 42.300
R.A. : 2.000
DEC. : -26.000
DISTANCE : 4.910
MODULUS : 96
VEL. : 2.500

q1 (U) : 0.406
q2 (U) : 0.880
q3 (U) : -0.248
dU : -105.545
U : -10.746

q1 (V) : 0.275
q2 (V) : 0.141
q3 (V) : 0.951
dV : -15.492
V : 0.891

q1 (W) : -0.872
q2 (W) : 0.454
q3 (W) : 0.184
dW : -62.109
W : -5.498



7445 19 33.8 11 01 A2

184884

27092

644 088 1490 6.5
049 158 1085 2.852

SN

~~004-007~~
-003-007

(-004-007)

1674
335
1079
1499

4014
074=2
049=2

(23)

154

11.1
5.4

-4
-7
603
-5

1

51

R.A. : 19.550
DEC. : 11.000
M. R.A. : -4.000
M. DEC. : -7.000
DISTANCE : 6.030
MODULUS : 161
RAD. VEL. : -5.000

91 (U) : 0.406
(U) : 0.623
(U) : -0.669

0.000
188395

19 35.1 +50 06 4.6 dF2 -28.0a

27141

12022

7469

-002475

+25767030

+357
317

-0032±1.0 +255±0.8 6-1 → K30

W.F.

ROSLIN

151103, 128578, 17

PNP

448 172-886

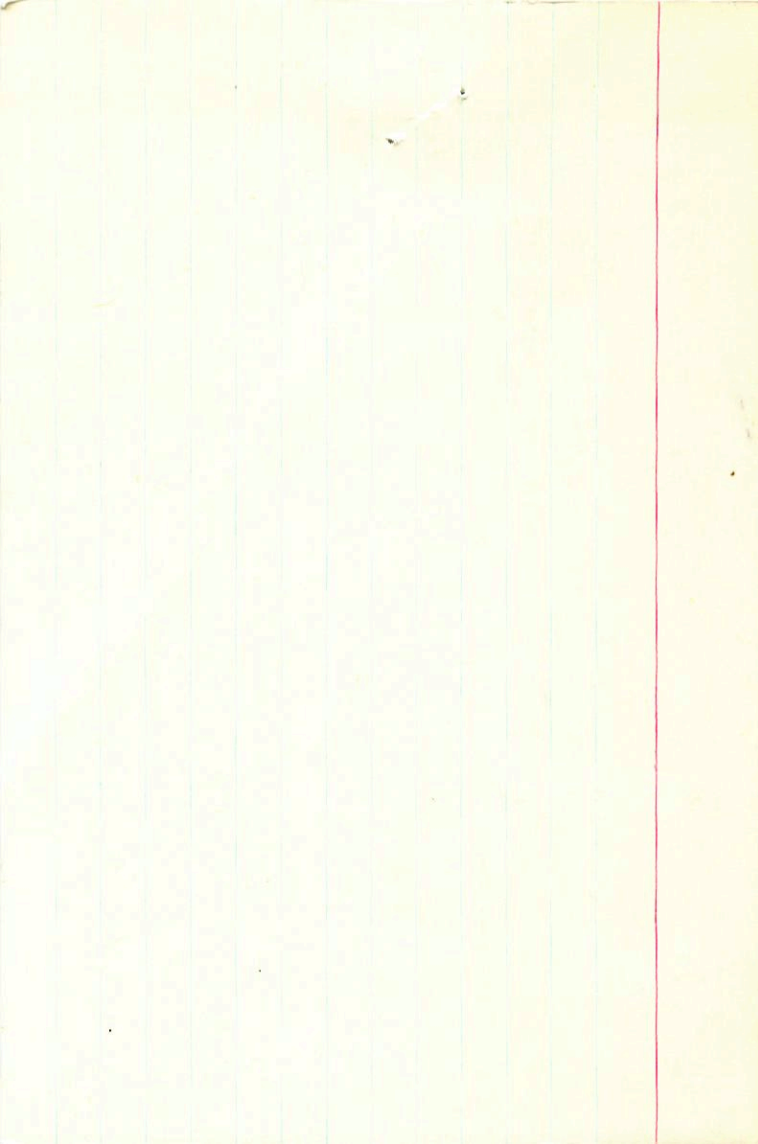
111
-616-258
958-919

4-
4-
1.73

958

1.73

958-
-258



185395

19 35.1 +50 6

F40

HR7469

4.47 +39 -2 5

GL27141

+35

13(0)lyg

78

454

.261 .158 .506 (21) SPC

~~.265~~ 143 ~~576~~

2.689 (10)

221

at

[m] 205 +13

[L] 454 +9

0.90 +19.3 -27.3 +2.6

+1045 -18 +615

52

R.A. :
DEC. :
PM. R.A. :
PM. DEC. :
DISTANCE :
MODULUS :
RAD. VEL. :
-28.000 18

d1 (U) :
d2 (U) :
d3 (U) :
DU :
U :
25.314 1021.114

d1 (U) :
d2 (U) :

18.000
20.100
-22.000
225.000
1.250

0.415
0.201
-0.153

R.A.	:	19.600
DEC.	:	50.100
PM. R.A.	:	-22.000
PM. DEC.	:	255.000
DISTANCE	:	1.250
MODULUS	:	18
RAD. VEL.	:	-28.000

q1 (U)	:	0.416
q2 (U)	:	0.901
q3 (U)	:	-0.123
dU	:	1061.114
U	:	22.314

q1 (U)	:	0.000
q2 (U)	:	0.000
q3 (U)	:	0.000

7480

15 38.1 -00 44 A2

185762

061 158 1067 2867

27222

5.67 712 +102 55445

5.67 061 147 1072 284146813

054 163 1052 2850 atch

ph

1406 +1.28 1.31 5 545

22
14
5.02
-116

156
316
1060
1376
1486

225 HAS
684-a
655-a

200

1015 101 granding

1022 104

5.22

046 547 1045



53





7481

19 37.9 + 30 51 + 38

48

185831

6.10 + 0.9 + 1.45 (5) 5.45

27216

06.9 63.1 15.2 (3) 50.2

2.874

28743

233.0

1005 + 3004
5127 81007

C 13.68 + 1.29 = 14.97

7107 8007

10101007
10121007

40.2

~~18.8~~ 18.8 11.0

582
-330

5.9

174
269
113

54

12.000
03.880
15.000
7.000
2.820
20.000

01 (U)
02 (U)
03 (U)
04 (U)
05 (U)
10 (U)

06 (U)
07 (U)
08 (U)
09 (U)
10 (U)

R.A. : 19.600
DEC. : 33.850
R.A. : -15.000
DEC. : 7.000
STANCE : 5.820
ODULUS : 146
VEL. : -33.000

q1 (U) : 0.416
q2 (U) : 0.831
q3 (U) : -0.370
dU : 2.982
U : 12.651

q1 (V) : 0.267
q2 (V) : 0.278
q3 (V) : 0.923
dV : -6.553
V :

1085264 203 718 2711
W5

10083 ± 3.0 + 111 ± 2.3 5-06 176 1035
+176

186155

19 35.3 +45

24 5.0 Ag FS -20.2c
+192
+174

27279 PA 5(2)

→ 100753 +1242 W350
100786 +1258

24 5.0 Ag FS -20.2c
+192
+174

12033

17.573 1056.0 +45 24 19.37 1898.6

1898.6

448

-5.71

13.66

125

0824
7087 724

-5.71

13.66

31.28

81.5

47.5

1926.0

46.082

050 120

25555

27.8

17.360

050 120

16355

29.2

303

3949 17.10

17.06

43.

1238

8150 987

17.11

1429.7

17.379

148 148

17.3

1429.7

379

80 120 148 148

17.3

1429.7

202

1468 1037 0310

17.00

8196 3
-5800 9

84106 120088
90.57 0.52

6949/1450
7/9/023
696-
W77
76/9

55



5119

7498

19 43.7 → 2 38 Am

186219

27351

Supra
FRS

5.40 + 22 + 10 C

5.40 140 187 818 2.837 2,564,7

(2)

0000 + 017

000 + 017

000
+ 17
3.03
- 1

135 211 812 2835

5.37 035 1.071

+ 2.25
+ 2.30
2.80

000 5.37 2.80 3.03



56

7500

156240

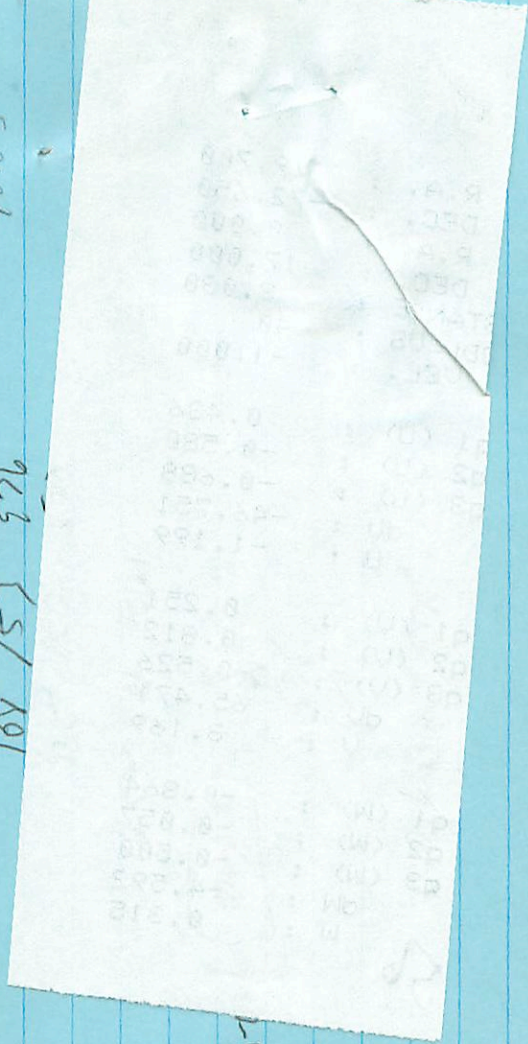
19 89.4 60 23

A4E

+0.50

+0.85

185 / 57 576




1003-

R.A. : 19.650
DEC. : 60.400
R.A. : 4.000
DEC. : -21.000
TANCE : 5.750
DULUS : 141
VEL. : -1.000

q1 (U) : 0.426
q2 (U) : 0.904
q3 (U) : 0.043
dU : -85.954
U : -12.184

q1 (V) : 0.259
q2 (V) : -0.167
q3 (V) : 0.951
dV : 19.066
V : 1.742

q1 (W) : -0.867
q2 (W) : 0.394
q3 (W) : 0.305
dW : -47.375
W : -6.997



97229

7519

12 43.2 + 7 29 A2

83.8 00.10
10.48 0.83

186689

587 - 010 0.252

27342

5.50 + 18 + 07 C

+ 6

106 187 894 250C 2.863 (Y)

+30 +2.5
+8035

+80360

+80376
+80445
-136

902 193 893 2854

18081

+560

1004850C
+1004850C

29.9E

55

106 1206 873 2.863

1004850C

120

29.9E

249

18081

3.4E



58

7558

19.50.3

--- 41 18

7110

187653

004

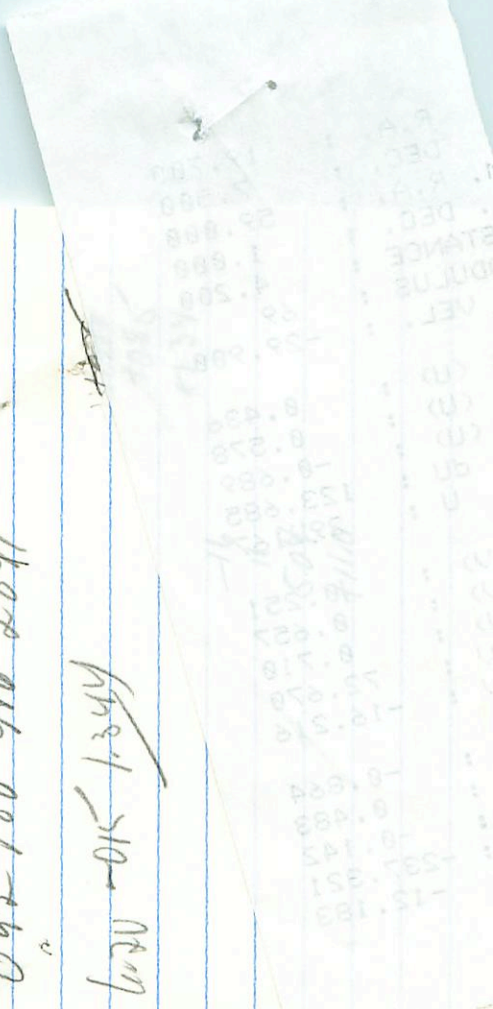
008

092 180 986 2847

020 015 1344

01101019
01101019

11013011



R.A. :
DEC. : 19.700
1. R.A. : 7.500
1.

59

19-338
19-340
19-342
19-344
19-346
19-348
19-350
19-352
19-354
19-356
19-358
19-360
19-362
19-364
19-366
19-368
19-370
19-372
19-374
19-376
19-378
19-380
19-382
19-384
19-386
19-388
19-390
19-392
19-394
19-396
19-398
19-400

W.A.
D.E.
R.A.
D.E.
TANCE
DULUS
27

R.A. : 19.850
DEC. : -61.300
R.A. : -16.000
DEC. : 11.000
DISTANCE : 5.040
MODULUS : 102
VEL. : 11.000

(U) : 0.466
(U) : -0.418
(U) : -0.780
(U) : 0.750

13Vnd
188260

19 51.3 +23 57 4.57 A0 -28.27
+0016 ±2.6 +036 ±2.0
+0015 +034
+0016 +037 A0
+89.5 III

27544

12239

20.077 1897.0 +23 5-6 52.57 1894.6

-085
002

-1.99
50.58

20.064
060

52.07 1932.5
52.03

39.7

51.91 1940.60

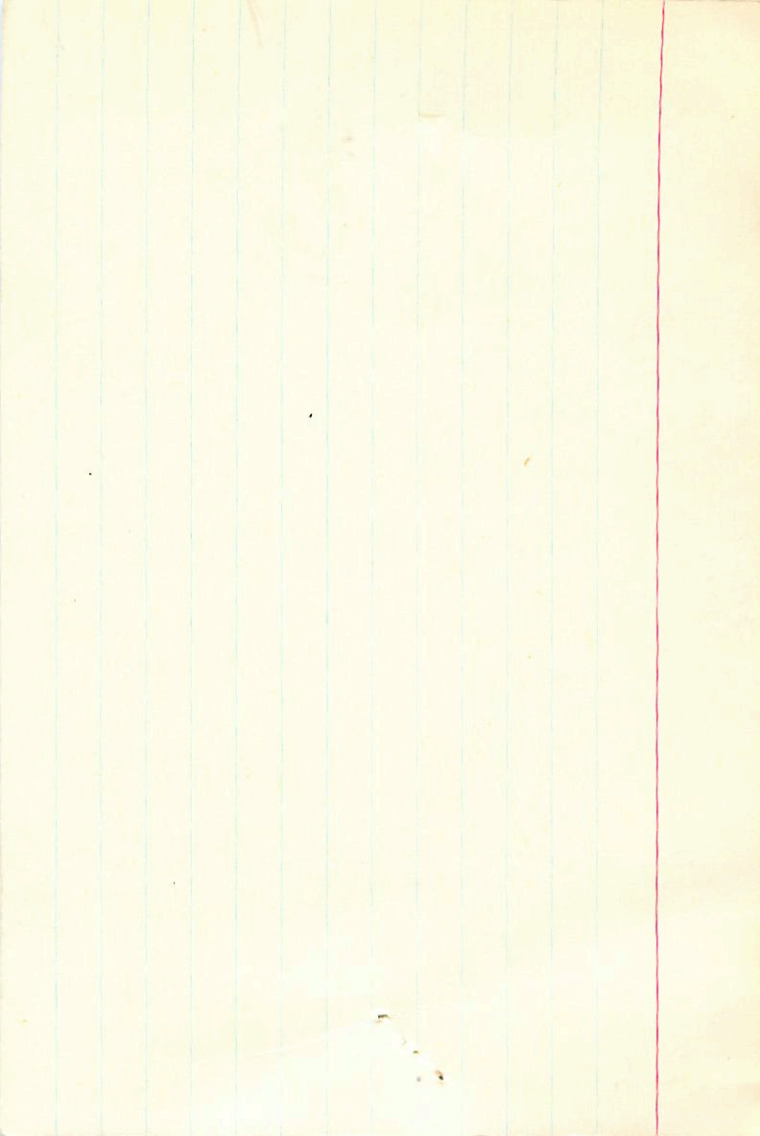
20.075
062
061

+2
51.93
7340
36.7

704
52.03
42.1

+059

20.115 5344
-24
5342



7592 19 513 +23 57 AU II

99869

W.C. 458-05-12

402

032

2820

958

120

953

45

280
1193

100155 +035647

100180 +0395

-2824 3029

AV = +0.15
VO 4.475
4.30

2006 500
GNB 500

10047
1028 +036

60

Faint, illegible text on a piece of paper, possibly a receipt or document fragment. The text is mostly obscured by a large, dark, horizontal smudge or stain across the middle of the page. There are some very faint, scattered characters and lines visible, but they are not legible.

33

60

7592.000*

19.000*

51.300*

23.000*

57.000*

0.028*

0.036*

4.350*

74.131

-28.200

97.62

0.189

-0.481

+26

27.535

0.103

0.076

HP 7343 1037
Bape

16/11/23

willis

Not Published

19 19.0

4.25 +0.34

ARRA

19m 54

+13.5 C4
+22 C
-186

1092-0576

+9 +7
+101 -050

FOIII

-1-5, 19

22²(110)

+18.5(4) C5

-940 342 -707 207 +092 -057 +22-040 -156³⁷⁹
086 035 031 014 341 327 +15.6 +11.5 -14.7 02

+20.0 -6.3 -20.4 04
-13.3 -2.8 -26.0

+18.3 -8.2 -13.4 05

+22.0 -3.5 -21.9 03

-11.2 -1.6 -33.0

III

R.A. : 19.300
DEC. : -44.900
M. R.A. : 133.000
M. DEC. : -59.000
DISTANCE : 3.250
MODULUS : 45
D. VEL. : 17.500

q1 (U) : 0.354
q2 (U) : -0.222
q3 (U) : -0.908
dU : 220.497
U : -6.045

q1 (V) : 0.314
q2 (V) : 0.943
q3 (V) : -0.108
dV : -123.487
V : -7.413

q1 (W) : -0.881
q2 (W) : 0.247
q3 (W) : -0.404
dW : -462.333
W : -27.725

41

R.A. : 19.400
3.000
000

5
24
64
154
662

299
.712
1.635
5.760
7.563

-0.877
0.467
-0.111
888.308
-12.638

KS

R.A. : 19.700
DEC. : -72.650
R.A. : 0.000
DEC. : 17.000
DISTANCE : 3.030
MODULUS : 40
VEL. : -1.000

q1 (U) : 0.436
q2 (U) : -0.580
q3 (U) : -0.688
dU : -46.751
U : -1.199

q1 (V) : 0.251
q2 (V) : 0.812
q3 (V) : -0.526
dV : 65.471
V : 3.169

q1 (W) : -0.864
q2 (W) : -0.057
q3 (W) : -0.500
dW : -4.592
W : 0.315

56

7502

19 89.4 60 23

A4E

186249

+0.50
+0.85

185 / 576
235 - 150 520

6.52 0.71 1.861

140-000

140-001

4
1E
505

1

020 6.43 + 6.5 5.75



88

2110 19 279-2125 802-

83581

5511
538

3832 AC11 251 AC0

5551 250-119 610-61007

610-604

0100-

41
79

0019
600

802-

45

R.A. : 19.400
DEC. : 3.000
R.A. : 257.000
DEC. : 81.000
DISTANCE : 1.270
MODULUS : 18
D. VEL. : -29.900

q1 (U) : 0.375
q2 (U) : 0.524
q3 (U) : -0.764
dU : 657.854
U : 34.662

q1 (V) : 0.299
q2 (V) : 0.712
q3 (V) : 0.635
dV : 636.760
V : -7.563

q1 (W) : -0.877
q2 (W) : 0.467
q3 (W) : -0.111
dW : -888.308
W : -12.630

W

R.A. : 19.300
DEC. : -44.900
M. R.A. : 133.000
M. DEC. : -59.000
DISTANCE : 3.250
MODULUS : 45
D. VEL. : 17.500

q1 (U) : 0.354
q2 (U) : -0.222
q3 (U) : -0.908
dU : 220.497
U : -6.045

q1 (V) : 0.314
q2 (V) : 0.943
q3 (V) : -0.108
dV : -123.487
V : -7.413

q1 (W) : -0.881
q2 (W) : 0.247
q3 (W) : -0.404
dW : -462.333
W : -27.725

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