

+55.1823 No 13.8 +55 39 101

48705 16 15954.0 +55 25.25.306
471112)

08d
192 -452
DM12

MC-AL +113-492 PO.2 MD+8.8

+0.113 -0.442

BO 472
229
472
10
-328

1

-4^o2788-82

16 13.8 -3 56 760
17 47.9 -4 9.70

028 2006 vj
K10

McC-AC -1400 -0.019

10.66 M2 79.1

2402

-016

3494

0567

3205

0570



-401

-19

1.57

715.1

2

M : -34.245
 MB : 1582.808
 d3 (M) : 0.208
 d5 (M) : 894.0
 d1 (M) : 305.0- ✓

U : -45.183
 UB : X-1558.565
 d3 (U) : 0.140

d3 (U) : 0.52
 d1 (U) : 0.83

U : 115.33
 UB : 220.29
 d3 (U) : 248.0-
 d5 (U) : 354.0
 d1 (U) : 210.0-

BWD. AEF. : -110.100
 WODUGAS : 30
 DISTANCE : 1.200
 BW. DEC. : -10.000
 BW. K.A. : -401.000
 DEC. : -4.120
 K.A. : 10.300

R.A. : 16.300
 DEC. : -4.150
 PM. R.A. : -401.000
 PM. DEC. : -19.000
 DISTANCE : 1.500
 MODULUS : 20
 RAD. VEL. : -119.100

q1 (U) : -0.31
 q2 (U) : 0.42
 q3 (U) : -0.87
 DU : 559.57
 U : 112.33

q1 (V) : 0.6
 q2 (V) : 0.7

q3 (V) : 0.140
 DV : % -1278.792
 V : -42.183

q1 (M) : -0.702
 q2 (M) : 0.498
 q3 (M) : 0.509
 MP : 1285.909
 M : -34.942

+41²695

16
¹⁶16.1
16 19.3427

+41 18
⁺⁴¹11
+41 4.60

763

2.98 1.30 112

0.555 @ 92

89510

+616
+712

+0.3
+0.8
+0.0000

E.B. box. +.001 +.084

9.3 Mop +8.0

+0.7 100W

+0.001 +0.084

-013 +119 VVR

-03 +120 ARMY

-5 +95 0.55
+4.7

9.88
9.05

4

3.538

0.709

0.013

5.774

0.639

0.179

5.001

-0.299

0.414

4.700

15.488

0.950*

0.095*

-0.005*

5.000*

41.000*

19.300*

16.000*

763.000*

lv

-24° 12677

16 14.4

-24 27

761

16 20 8.2

-24 40.45

-329 1089

Row 854 - .36 - .60

10.4: M2 + 11.0

363

-687

105

4



RAD. VEL. : 0.000
 MODULUS : 10
 DISTANCE : 1.050
 PM. DEC. : -057.000
 PM. R.A. : -003.000
 DEC. : -34.050
 R.A. : 10.350

U : 2.81
 Ub : 173.53
 p1 (U) : -0.300
 p2 (U) : 0.097
 p3 (U) : -0.940


V : -24.58
 Vb : -330.5
 p1 (V) : 0.03
 p2 (V) : 0.70
 p3 (V) : -0.12

W : -14.09
 Wb : -887.71
 p1 (W) : -0.70
 p2 (W) : 0.04
 p3 (W) : 0.29

R.A. : 16.350
DEC. : -24.650
PM. R.A. : -363.000
PM. DEC. : -657.000
DISTANCE : 1.050
MODULUS : 16
RAD. VEL. : 0.000

q1 (U) : -0.305
q2 (U) : 0.097
q3 (U) : -0.948
dU : 173.539
U : 2.814

q1 (V) : 0.630
q2 (V) : 0.760
q3 (V) : -0.120
dV : % -3365.0
V : -54.580

q1 (W) : -0.700
q2 (W) :  0.640
q3 (W) : 0.290
dW : -887.710
W : -14.390

448.1595-89 16 19.9 448 42 163

43733

16 22 35.1 448 29.05

49443

138m (17)
125 (14)
138 5 (18)

PKS P 90
Bengawan

2715

-25.442
-28.68
dm3

C20-986 4.114-0.44

10.212488

Amplitudo ul. 1.54 km

574
6149
985
7739
4335

P03193 yrs

4.1140-0.440

2715

1.153
mid 448. spread

7747

448
0.8
208

G

RAD. VEL. : -88.00
 MODULUS : 8
 DISTANCE : -0.50
 PM. DEC. : -448.00
 PM. R.A. : X-1747.
 DEC. : 48.50
 R.A. : 18.40

p1 (U) : -0.29
 p2 (U) : 0.93
 p3 (U) : -0.18
 q1 : -379.78
 q2 : 2.14

p1 (V) : 0.83
 p2 (V) : 0.33
 p3 (V) : 0.29
 q1 : X-4187.
 q2 : -27.78

p1 (W) : -0.71
 p2 (W) : -0.08
 p3 (W) : 0.29
 q1 : 4112.93
 q2 : 13.30

10
 11

R.A. : 16.40
 DEC. : 48.50
 PM. R.A. : % -1747.
 PM. DEC. : -448.00
 DISTANCE : -0.50
 MODULUS : 8
 RAD. VEL. : -28.00

~~0.1125~~ 30.0
 q1 (U) : ~~28~~ -0.29
 q2 (U) : ~~0.120~~ 0.93
 q3 (U) : ~~0.34~~ -0.18
 dU : -379.76
 U : ~~2.1~~ 2.14

q1 (V) : ~~0.24~~ 0.63
 q2 (V) : 0.33
 q3 (V) : 0.69
 dV : % -4187.
 V : ~~54.9~~ -52.78
 -54. ✓

q1 (W) : -0.71
 q2 (W) : ~~5~~ -0.088
 q3 (W) : ~~5~~ 0.693
 dW : 4115.93
 W : ~~13.5~~ 13.303
 11.9

1132
 4.27

-12-4523 14 22.2 -12 18 164

W949D 43744R 16 27 29.4 -12 30.49

Sp.B. 2364110 2416M16 2462117

-RVH -13A SB125
-4nd2

Wellflooded 00 -1.24 10.6M2H07

-0.136 -1.163

-0.96 -1165

8.71 4120R

-98
-1165
1194
211.0

9

M : 1-12-833
d3 (M) : X-1221-298
d5 (M) : 8'412
d1 (M) : 8'220
8'512

d3 (U) : 8'728
d5 (U) : X-1221-292
d1 (U) : 8'546
8'116
8'932

d3 (U) : 8'932
d5 (U) : X-1221-X
d1 (U) : 8'666
8'382
8'882

DEC : 11'600
DISTANCE : 4
DEC : 1-1-246
DEC : X-1122-800
DEC : 8'896
DEC : 15'300
8'896

9

q1 (M) : 0.561
 q2 (M) : 0.415
 q3 (M) : -2775.560
 DM : -15.923
 M : -0.716

q1 (U) : 0.633
 q2 (U) : 0.772
 q3 (U) : 0.048
 DU : -4552.955
 U : -19.156

q1 (U) : 0.297
 q2 (U) : -0.909
 q3 (U) : -1505.544
 DU : 3.833
 U : -0.294

R.A. : 16.400
 DEC. : -12.300
 R.A. : -98.000
 DEC. : -115.000
 R.A. : -1.940
 DEC. : 4
 DISTANCE : -11.000
 MODULUS : -0.294
 AD. VEL. : -0.294

AK2 -36.2 64(3)

148653 Brady 16

26.7 +1.5 3
Co23

W 482

7.02 +0.84 +0.87

GL 22164

PL 120

6.98 +0.85 - 2.99

43745

532 401

6.65 +0.15 (2)

+1503182

ΔA=04

100510075 S.Y. 2179m.

7.02 +0.84 +0.87

-324 +392 GL

+57 -12 +9 052

1491 (W2) (249)

+54 -12 +7 057

53A(14)

+60 -12 +14 .046

52M(7)

504K(4)

57FL

-0229±4.5
-0236

40.689 1887.4 +18

1.434

42.123

41.025

037

1921

40.873

984

40.960

1.163

50.0

+352±3.3

+377

31 3.57 1882.4

-26.50

37.37

~~57.104~~

1934.3

-5

244

57.02

1940.43

59.15

+

4.73

59.16

37.4

55.0

58.09

+ 20.72

$-0.229 = 4.5$ $+392 = 33$
 40.689 874 -0.233 $+375$
 1434 -0.237 $+381$ 2.89 82.4
 42 12.3 2650
 37.39

$-0.233 + 383$
 $-0.2317 + 387.5$
 -329.6
 $-326.5 + 389.5$
 41.025
 $+07$
 03

57.10 34.3
 -11
 56.99

6324 -9544
 12777 6203
 59.94
 954
 40.391
 $+9$
 400

4977
 -1030
 -898
 0820
 0.43
 7.28 5
 -34
 66.92
 -955

Band 57

24.7 31
24.5 +18 35
16 24.5 +18 35
5 02322 +1.390
P = 36.2 f 43/p2

10075
 $\Delta m = 0.15$

P	T	e	A	B	F	G	a
222.45	1921.11	0.76	+6.17	-1.354	-338	-1795	2.250 108° 230.5
9.5	110.15	0.01	1011	0005	009	009	0015 0 55.2

2.00 +0.86 +0.46 ④ +0.10 -330+350

6.65 +0.315 ② 174 054

SBA(16)
S2M(17)
8176(14)
057

207 1821
673 1
775 43

π	MV	MI	$m_1 = m_2$	n	v. w
055	+6.4	+5.7	0.7	+55	-12 +6
060	+6.6	+5.9	0.65	+53	-13 +4
050	+6.25	+5.57	0.95		

148704 *ML 629*
16 28.1 -38 574 *AW1* -58.78 *u(3)*

GC22156 -50.1
W 9457 7.25 +0.86 +1.56 *Stacy* -50.6
P-3185 Aug

Y3747 *m/m/m = 1/1*

Abundant Spectra
-415.17 -332.45 *BC*

+76 -43 +6 .040
+71 -30 +3 .050
+69 -21 +3 .060
+74 -36 +6 .045
m, m, m = 1/1
-446.5 -326.5 *Cape*
-435 -330

0373 -381 *Walden*

MINIM 365
5.21

9.23 509 377 231 *14* 596
9.23 501 375 219 *15*

-559
-331
-597
US 215 C(6) *E, J, 35*

-559
-331
-597
+6.14
1.62

778

-0356 ± 7.1
-0392

-332 ± 7.5
-336

8.267

1897.2

-38

54

63.56

1898.5

↕

1.850

10.147

-365

-329

417.10

-359

Stung 29
320

46.44

27.393

41.512

8.905

8.968

576

979

14728

45.5

39.80

192881

18.90

58.70

170

57.00

57.01

12276

61.23

8541

42.7

44.0

7.948

8.364

+1

749

7.783

2398

5.221477

1956.6

-16

65.45

687
471 2.09
4.2

R.A. : 16.450
DEC. : -38.900
R.A. : -559.000
DEC. : -331.000
STANCE : 2.000
MODULUS : 25
VEL. : ~~-58.700~~
-50.6

q1 (U) : -0.283
q2 (U) : -0.144
q3 (U) : -0.948
dU : 809.189
U : ~~75.990~~
689

q1 (V) : 0.630
q2 (V) : 0.717
q3 (V) : -0.297
dV : % -2425.297
V : ~~-42.471~~
689

q1 (W) : -0.723
q2 (W) : 0.682
q3 (W) : 0.112
dW : 420.571
W : 3.976

✓
689
689
689

689

7

689

~~24/178~~

179414 16 321 -4 07

Adlg

R-17-25/27

20' Dep.

076 (17)

-165: Van?

963 + 0.74 + 0.09 ⁽⁴⁾
9.24 + 0.315 ⁽⁶⁾

13.98 + 1.48 + 1.43 ⁽³⁾

13.01 + 0.63 ⁽⁴⁾

1237
145

-162

-135 - 200 C (17)

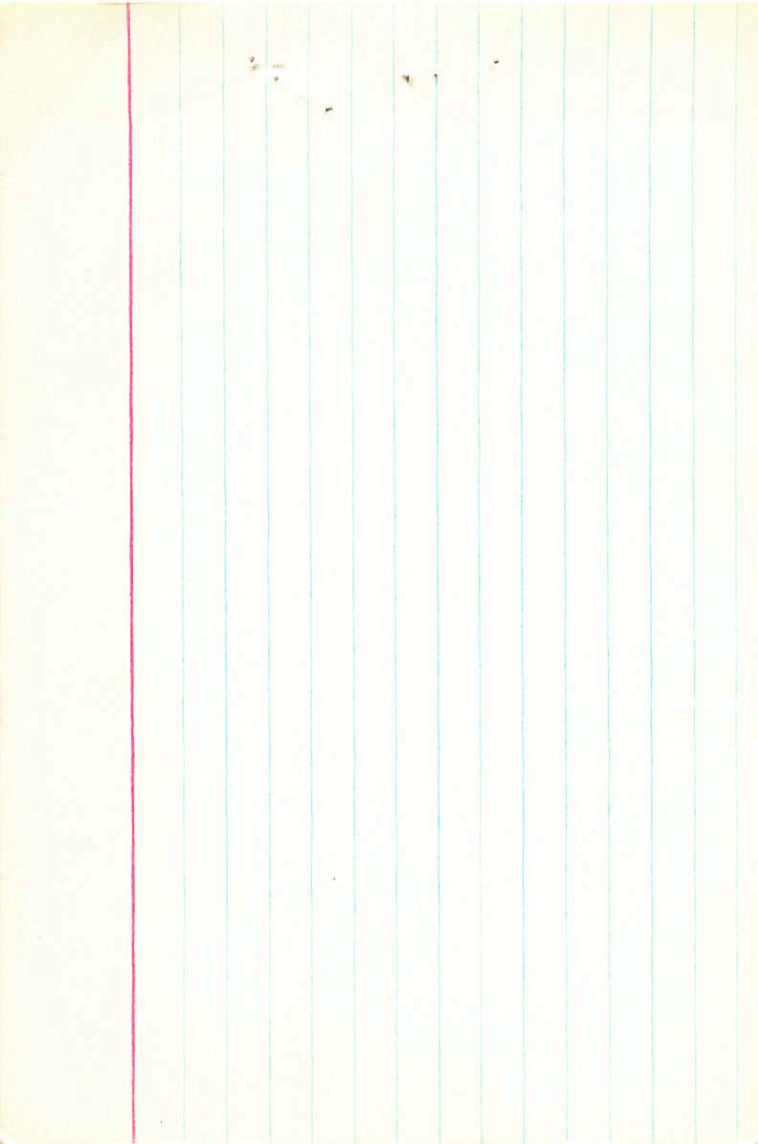
Build (2)

⁽³⁾

-148 - 235
-140 - 715

⁽³⁾
3.9

29'



14944 11 82.2 - 4 06

3267.0

44 (17)

504 (101)

891

963 + 16.74 to 12 (4)
9.24 + 0.315 (2)

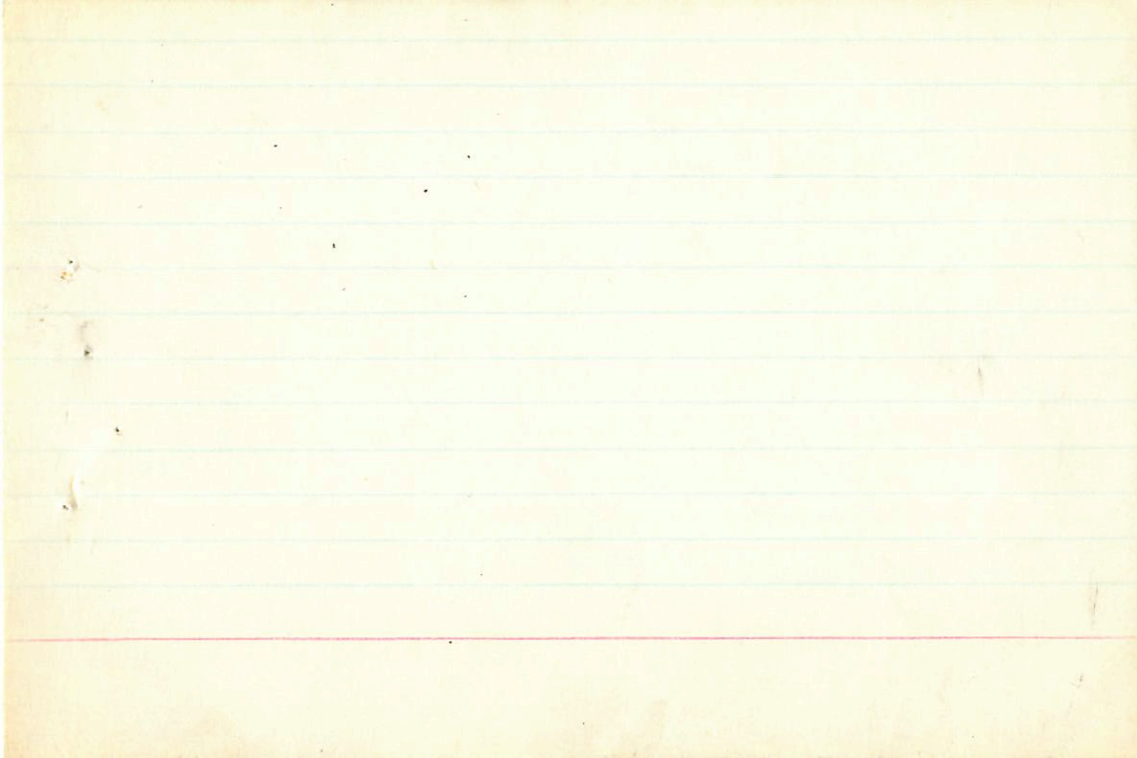
+ 16
149

13.88 + 143 + 1.44 (2)
13.01 + 0.63 (4)

12.63
16.74
1.64
10.08

891 1263
45
846 1178
1699 1269
67 101
364

2044
17 169



6-17-25

-27

16 82 04 -4 07.1

-153.5±0.6
0.24 19.15°

6.58

9.65 +0.75 +0.09

+25

+95

-178.4

-157.1

13.86 +1.45 +1.41

891

"

-135

-1699

10.80

845

12.63

CR

5.7

30.2

16.99

11.78

11.69

7.96^{2.5} 10.9

40.00

10.1

+83.4
-141.5
-11

477 10

2.2x

446 7

7.96^{2.5} 10.9

40.00

10.1

416

-262 4424 -866

+1678 -1.4048

-1.2370

-485.1024

6.25 +759 +182

-4000 -2.5148

-2.9148 -116.4-274

-735 +453 +464

+4703 -16334

-1.1631 -46.5-71.2

8



8

8.000*

16.000*

32.200*

-4.000*

-6.000*

-0.135*

-0.699*

1.690*

21.777

-166.000

-1.231

-0.867

117.103

-2.916

0.188

-93.333

-1.169

0.465

-102.627

$-3^{\circ} 39' 6''$ 149414 16 32.2 -04 06 196.0 -178.4 ± 0.5 1 Sa

3767

652 44 366 279

9.60 +0.75 +0.12 2 Sa

van

-166

629.2

-124

-700

4.45

-179.4

9.64 404 333 174

-135 ± 10

-699 ± 2 CR

-240 492 437
418 742 225.9
-248 584 482

+154	-1630	-1476	-590	+1493
-356	-2458	-2854	-1142	-46.2
+479	-1507	-1028	-41.1	-86.0

+90.3
-160.4
-127.0

40.8 passus

b

~~16.558~~
~~4.188~~
- 136.888
- 788.888
4.458
788
- 178.488

77.62
32.28

- 8.261
8.423
- 8.868
- 1234.146
59.838

115

8.625
8.768
8.182
- 2921.787
- 259.248

151

- 8.736
8.495
8.462
- 1167.552
- 173.184

9

113

2-17-20

12

304

+03 81

-51.3 20.9

+3.3218

Answer

889 788

149162

-02499 - 880 10000

[-373 782]

487 - 9236

413

-2618 - 8675

058

1491

+303215
 149162 16 30.4 +03 21 9.5
 -0246 +10.0 -1985.10.0
 -0258
 514 Data SQ(3)
 5w
 420-58C

22255
 9520 22.664 1910.4 +3 21 11.05 1909.7

M1 8557 974
 7 23.640 798
 D 19.03

22.947
 22.453
 14.13 1936.43
 13.9
 864
 32.5
 33.5

22.453
 14.08
 12.02 1950.0 43.2
 13.9
 864
 33.5

50256 -32577 -15057
 14265
 557
 12.78
 6.25

258
 142 280
 447 97 +11

LF 100-1596 16 331- +57 15 -11826

A 2m 20m

A 2m 20

pebble

-1128 -1197

-1826

-1197

0-97

11826

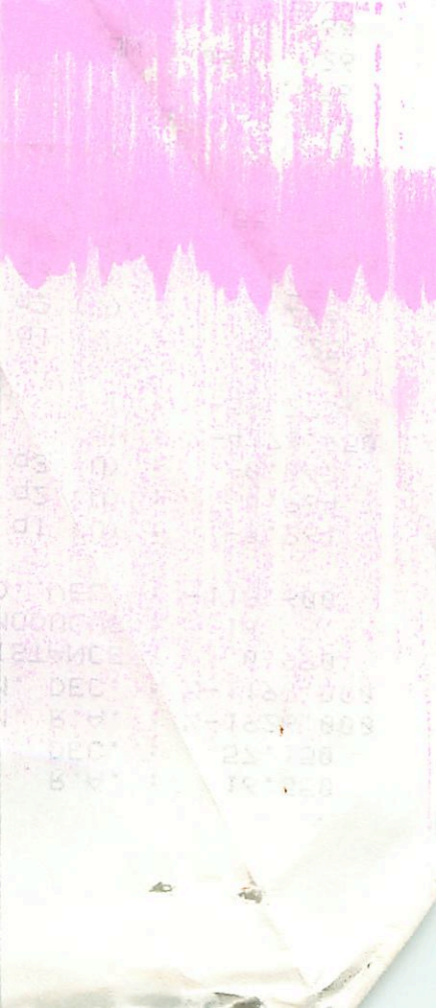
1110 1110
1104 11205

1107 11140
1103 11200
1115 1140

926 5082-9 11013
2808 8659 -30

01





1902
DEC 19
DEC 21

DEC 19 1902
BALANCE

DEC 19 1902
BANK
DEC 21 1902
BANK

R.A. : 16.550
DEC. : 57.150
1. R.A. : % -1926.000
1. DEC. : % -1197.000
DISTANCE : 0.970
MODULUS : 16
D. VEL. : -118.600

q1 (U) : -0.261
q2 (U) : 0.964
q3 (U) : -0.047
dU : % -4176.950
U : -59.722

q1 (V) : 0.625
q2 (V) : 0.206
q3 (V) : 0.753
dV : % -4260.900
V : -155.955

10
q1 (W) : -0.736
q2 (W) : -0.167
q3 (W) : 0.656
dW : 4594.926
W : -5.966

772

16 38.0 + 52 43

+ 5201486

9.8

ADD51047

A 10.83 + 1.13 + 0.91 (3)

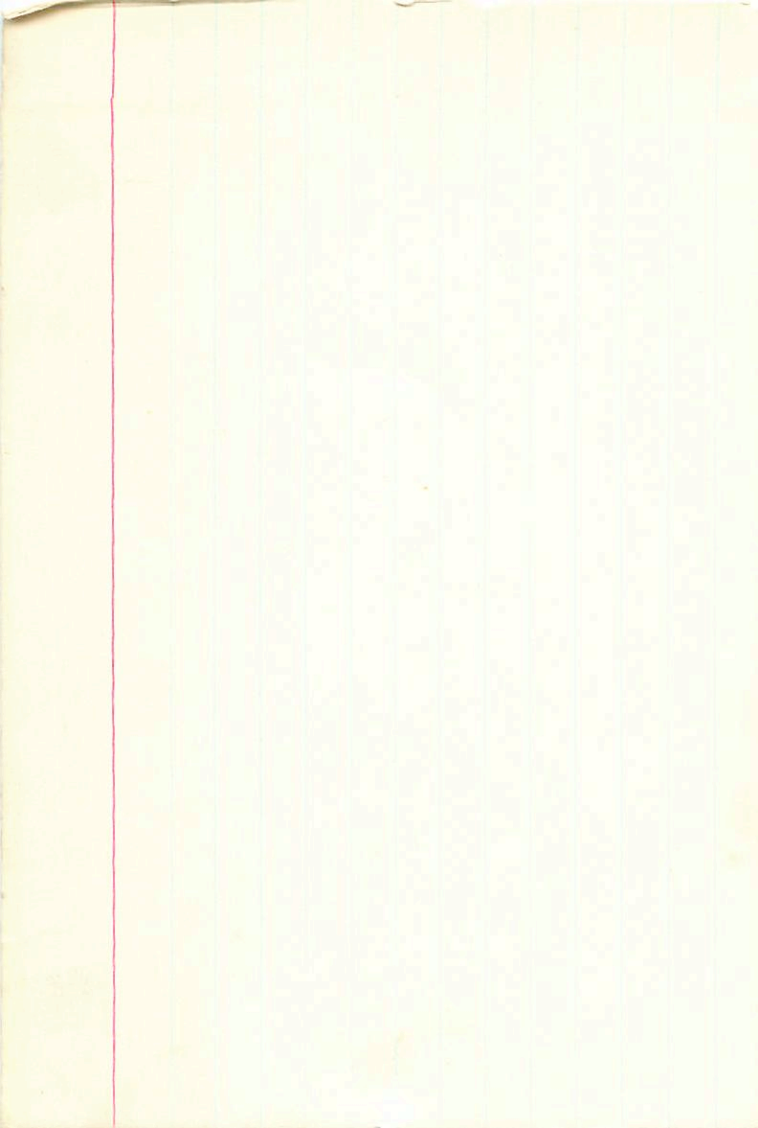
+ 0.485 (2)

S.V

1.5 m = 1.2

-120 + 193 W.L.-HC

-20.5



119' 3174

16 43.7

+19 9

779

12144

16 47.952.3

+18 59.22

11640

3578 VV

636 ~ 0.11

Quality

411 200W

259 5 Paces

Yale Zone - 0.31 - 0.88

-2 -3

+4

8.10

7.55

7.5

8.9 KS-37.7

-0.033 - 0.087

-0.01 - 0.82 1700h

043 - 089 JVR

8.40 102-89

0.333 (2)

-40-85

-47

2.05

11

11

1875
1876
1877
1878
1879
1880
1881
1882
1883
1884
1885
1886
1887
1888
1889
1890
1891
1892
1893
1894
1895
1896
1897
1898
1899
1900

779.000*

16.000*

42.900*

18.000*

59.000*

-0.040*

-0.085*

2.050*

25.704

-4.700

-0.257

-0.647

-0.554

-0.363

0.503

-11.689

0.029

0.573

-1.955

PP

2

12

16.850	:	R.A.:
-20.350	:	DEC.:
-44.800	:	R.A.:
-32.000	:	DEC.:
2.000	:	STANCE:
25	:	DDULUS:
-16.700	:	VEL.:
-0.195	:	11 (U):
0.157	:	12 (U):
-0.968	:	13 (U):
15.038	:	DU:
16.548	:	U:
0.604	:	11 (V):
0.797	:	12 (V):
0.007	:	13 (V):
-241.147	:	DU:
-6.179	:	U:
-0.773	:	11 (M):
0.584	:	12 (M):
0.250	:	13 (M):
65.309	:	PM:
-2.531	:	M:

Ally 16 51.9 12.0 483

813827

-580 338

(4120)

593

385

17

-183

444

-8641

-2938

6082

6045
~~6045~~
6045

CAK



RAD. VEL. : -68.388
 MODULUS : 33
 DISTANCE : 1.788
 FM. DEC. : 335.000
 FM. R.A. : -523.000
 DEC. : 12.000
 R.A. : 18.850

U : 84.459
 UB : 1268.442
 P3 (U) : -0.734
 P2 (U) : 0.678
 P1 (U) : -0.195

V : -42.632
 VB : -228.195
 P3 (V) : 0.433
 P2 (V) : 0.669
 P1 (V) : 0.884

W : 23.21
 WB : 2924.84
 P3 (W) : 0.523
 P2 (W) : 0.328
 P1 (W) : -0.773

3E1

R.A. : 16.850
DEC. : 12.000
PM. R.A. : -593.000
PM. DEC. : 335.000
DISTANCE : 1.700
MODULUS : 22
RAD. VEL. : -68.300

q1 (U) : -0.195
q2 (U) : 0.650
q3 (U) : -0.734
dU : 1568.442
U : 84.459

q1 (V) : 0.604
q2 (V) : 0.669
q3 (V) : 0.433
dV : -598.195
V : -42.632

q1 (W) : -0.773
q2 (W) : 0.350
q3 (W) : 0.520
dW : 2694.94
W : 23.21