

297

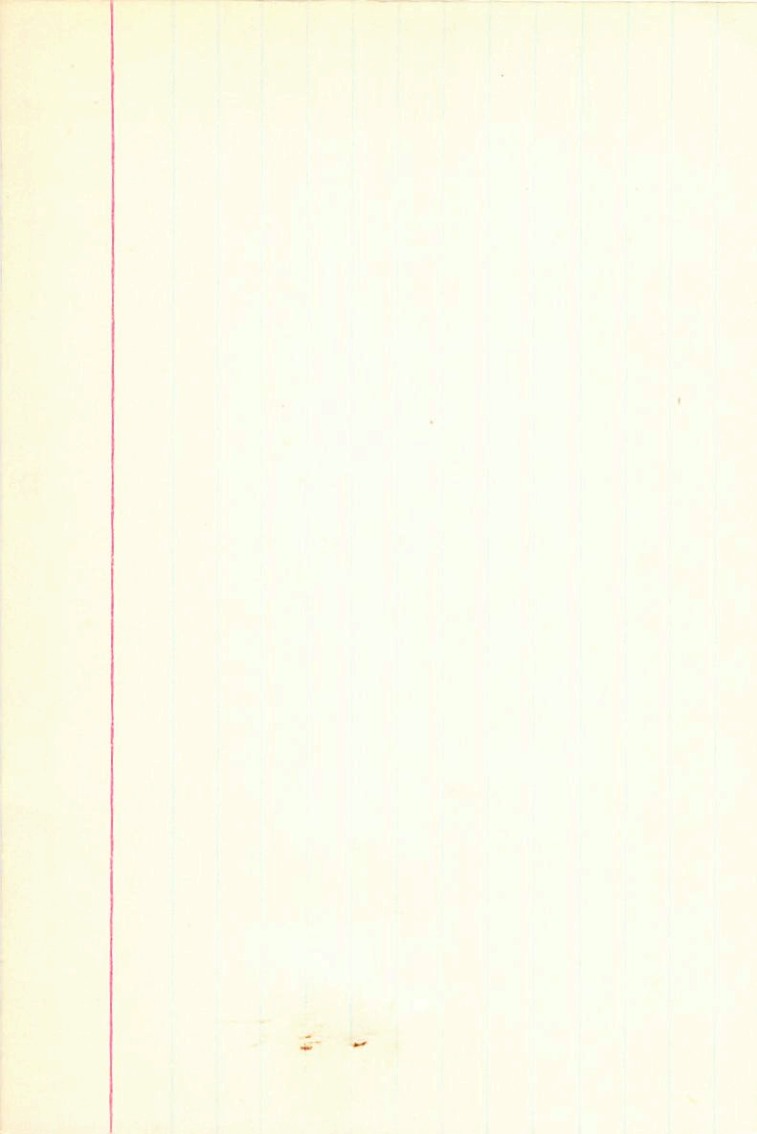
7 28.3 +14 43

+1401684

8.56 +1.10 +1.02 ① +0.45 ②

+16.3 ②

+67.8



163 14097

7 21.1

163 16

497

7 29 51.6

163 4.12

492 - 783

488 - 119.5

440 - 108

10.8 190 + 9.2

McC-AC - .488 - .119

1504

108

0.410

0.58-

7/2+

1.0et

hebo

LYO

+17 378-177

7 23.6  
7 29 5.2

+17 39  
+17 27.01

498

G

270 235<sup>0</sup> L

10.74 1.61

13481 - - 1233 1.01:

1100 +1.43 - 1009 0.67

542  
710

McC-AC -229 -143 }  
-229 -160 }  
-227 -177 }

NO 8 1/2

10.84 MO +8.7

11" 5m = 65 WOR 27

~~200~~  
219-177

3335

-8462

2772

280

9428

-5324

0139

033

+0.75

+1.8

087

0969

03

+55°30267

7 23.6 +55 10  
7 31 16.6 +54 57.87

499

McCAC - .97 +.037

11.3 MO +8.2

+9:56-237

7 24.0 +9 6  
7 29 10.6 +8 53.98

248

Foulouze -0.077 +.073

10.2 K15 +7:

— 7 28.9 + 34 47 116

7 35 6.7 + 34 34.29

W5084

+15E 2W  
END

MCS 491.14

11.4 M 19;

-0.509 + 0.123



419°861-86

7

30.5

+19

33

500

7

36.0 3.0

+19

20.13

55  
29  
52

McC-Ac - .055 - 177

10.2 MO + 8.3

+49'1658

7 30.9  
7 38.0  
34.5

+49 33  
+49 19.97

501

962  
997  
954

71  
36  
107

+10.3  
~~184~~  
3 (20 cm)  
+ WPKPMM

M.C.-AC -.058 +.032

+103  
x42

9.1 K8 +7.3

-0.058 +0.032

2.15

9.72 9.60 +0.47 (2)

-0.53 +0.27

-0.55 +0.30

-89  
+30  
15  
+9.7

1855  
1854

1853  
1852

1851  
1850

1849  
1848

1847  
1846

1845  
1844

1843  
1842

1841  
1840

1839  
1838

1837  
1836

1835  
1834

1833  
1832

-0" 919

0" 472

-0" 215

7" 514

0" 165

0" 216

10" 964

0" 866

0" 076

10" 300

26" 915

2" 150\*

0" 032\*

-0" 058\*

20" 000\*

49" 000\*

38" 000\*

7" 000\*

501" 000\*

M :	-0.300
MP :	-303.000
d3 (M) :	0.414
d3 (M) :	0.124
d1 (M) :	0.891
U :	2.141
UP :	305.905
d3 (U) :	0.193
d3 (U) :	0.825
d1 (U) :	-0.326
U :	6.934
UP :	13.880
d3 (U) :	0.892
d3 (U) :	-0.394
d1 (U) :	-0.439
VEG :	0.300
MODULUS :	33
DISTANCE :	1.000
PM DEC :	30.000
PM R.A. :	-84.000
DEC :	46.300
R.A. :	1.920



R.A. : 7.650  
DEC. : 49.300  
PM. R.A. : -84.000  
PM. DEC. : 30.000  
DISTANCE : 1.800  
MODULUS : 23  
RAD. VEL. : 9.200

q1 (U) : -0.426  
q2 (U) : -0.264  
q3 (U) : 0.865  
dU : 73.080  
U : 9.634

q1 (V) : -0.259  
q2 (V) : 0.952  
q3 (V) : 0.163  
dV : 202.602  
V : 6.144

q1 (W) : 0.867  
q2 (W) : 0.154  
q3 (W) : 0.474  
dW : -203.090  
W : -0.290

440° 1926

7 31.8  
7 38 18.5  
440 12.90

440 26

502

10.14 K12

Hk. pl II 78 -063 -086

~~088~~

6109 5228  
7977 4528  
1067  
-0089

10.14 K8 / +7.7

23

0152

3,1

+19°1797

7	32.4	+19	55	
7	37	57.7	+19	41.89

504

340 251° L

McCAC - .352 - .161

W

10.3: K8 + 7.1

-321 -111 L

-386 -136

3781	3537
958	-0740
5271	
8230	



+2.1766

7 37.5

+2 29

505

7 42.26.6

+2 15.28

19  
24  
7

McCAC +.080 -.198

10.2 MO + 8.7

JKD

748

120

-26

R.A. : 7.700  
DEC. : 2.250  
PM. R.A. : 80.000  
PM. DEC. : -198.000  
DISTANCE : 1.600  
MODULUS : 21  
RAD. VEL. : -26.000

q1 (U) : -0.436  
q2 (U) : 0.453  
q3 (U) : 0.777  
dU : -590.778  
U : -32.553

q1 (V) : -0.251  
q2 (V) : 0.768  
q3 (V) : -0.589  
dV : -816.117  
V : -1.740

q1 (W) : 0.864  
q2 (W) : 0.452  
q3 (W) : 0.221  
dW : -96.631  
W : -7.775

Blank

7

421

403

41

4265

756mi

~282 ~456

352

456

763

426

|||

M : 0.200  
 QM : 5-5003.7  
 d3 (M) : 0.533  
 d2 (M) : 0.470  
 d1 (M) : 0.894

A : 30.015  
 QP : X-1514.90  
 d3 (A) : 0.298  
 d2 (A) : 0.283  
 d1 (A) : 0.521

U : 10.280  
 UP : 10.345  
 d3 (U) : 0.180  
 d2 (U) : 0.130  
 d1 (U) : 0.430

BAD \* LEG : 30.200  
 WODPUS : 0  
 DISTANCE : -1.000  
 BM \* DEC : -420.000  
 BM \* B \* B : -323.000  
 DEC : 3.200  
 B \* B : 1.100

R.A. : 7.700  
 DEC. : 3.700  
 PM. R.A. : -352.000  
 PM. DEC. : -456.000  
 DISTANCE : -1.030  
 MODULUS : 6  
 RAD. VEL. : 26.500

q1 (U) : -0.436  
 q2 (U) : 0.434  
 q3 (U) : 0.789  
 DU : -210.842  
 U : 19.584

q1 (V) : -0.251  
 q2 (V) : 0.783  
 q3 (V) : -0.569  
 DV : -1274.64  
 V : -23.017

q1 (M) : 0.864  
 q2 (M) : 0.446  
 q3 (M) : 0.233  
 MP : -2403.1  
 M : -8.786

45401175

CC439

5186

7 44.8

+53 47

8.8 d/106 + 2.88

3W

13 mm 4"

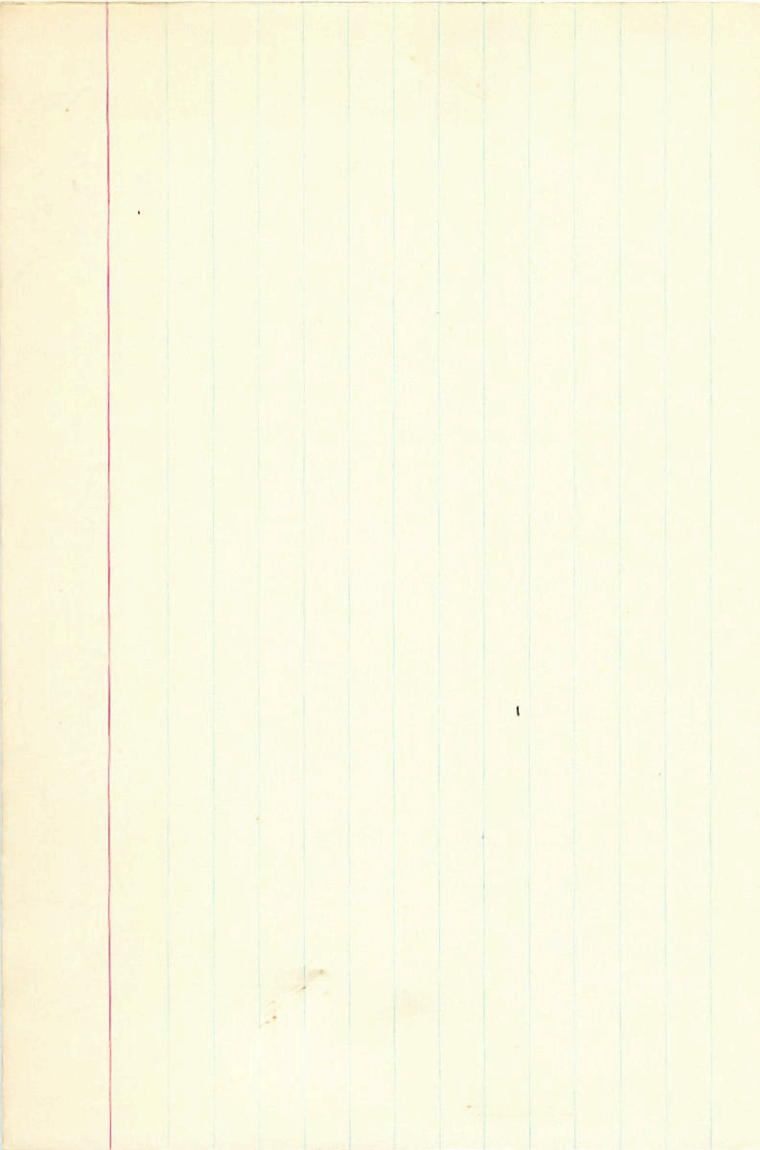
~~130~~

~0130 - 529 Y

0 -3

-532

44



11/28/9 7 45.2 +220 30

4484(2)

4484(3)

1047 840

958

10433 - 464

~~12085~~

7.75

+205

1409

-920

11530

-96

1.60

~~1409~~  
+424



M : 26'33"  
 MP : 3539'80"  
 d3 (M) : 0'39"  
 d2 (M) : 0'32"  
 d1 (M) : 0'89"

U : -23'129"  
 UB : -25'75-X"  
 d3 (U) : -0'353"  
 d2 (U) : 0'612"  
 d1 (U) : -0'342"

U : -2'161"  
 UB : -3'223-X"  
 d3 (U) : 0'852"  
 d2 (U) : 0'181"  
 d1 (U) : -0'844"

BAD \* LEV \* : 002'84"  
 MODULUS : 31  
 DISTANCE : 0'920  
 BM \* DEC \* : -288'000  
 BM \* B.A. : 1402'000  
 DEC : 50'200  
 B.A. : 1'120



R.A. : 7.750  
 DEC. : 20.500  
 PM. R.A. : 1409.000  
 PM. DEC. : -980.000  
 DISTANCE : 0.650  
 MODULUS : 13  
 RAD. VEL. : 49.500

q1 (U) : -0.446  
 q2 (U) : 0.189  
 q3 (U) : 0.875  
 dU : % -3669.35  
 U : -6.197

q1 (V) : -0.243  
 q2 (V) : 0.915  
 q3 (V) : -0.322  
 dV : % -5769.7  
 V : -93.756

q1 (W) : 0.861  
 q2 (W) : 0.350  
 q3 (W) : 0.361  
 dW : 3736.00  
 W : 68.33



RAD. VEL. : 48.200  
 MODULUS : 2.000  
 DISTANCE : 1.000  
 PM. DEC. : -200.000  
 PM. R.A. : 1.231  
 DEC. : 20.200  
 R.A. : 7.75

p1 (U) : -0.448  
 p2 (U) : 0.187  
 p3 (U) : 0.878  
 qb : -0.202  
 U : 24.200

p1 (V) : -0.243  
 p2 (V) : 0.915  
 p3 (V) : -0.323  
 qb : -41.25  
 U : -103.190

p1 (W) : 0.881  
 p2 (W) : 0.328  
 p3 (W) : 0.388  
 qb : -1.195  
 U : -10.0

R.A. : 7.750  
DEC. : 20.500  
PM. R.A. : 1.530  
PM. DEC. : -966.000  
DISTANCE : 1.600  
MODULUS : 21052  
RAD. VEL. : 48.500

*0991*  
q1 (U) : *02* -0.446  
q2 (U) : 0.189  
q3 (U) : 0.875  
dU : -869.202  
U : 24.266

*+334*  
q1 (V) : -0.243  
q2 (V) : 0.915  
q3 (V) : -0.322  
dV : %-4192.22  
V : -103.190

*509*  
q1 (W) : 0.861  
q2 (W) : 0.356  
q3 (W) : 0.362  
dW : %-1623.0  
*H.2* W : -16.34

+37° 24446

7 39.0

+37 34

506

7 45 19.6

+37 20.01

McC-AC -.046 -.215

10.36 K8 +7.7

#21 600-406

7 39.7

+20 44

507

7 45 16.9

+20 29.97

+48.9 (5)

1.442 - 550 R

1.446 - 453

1.444 - 554

Ci: 20.441 +1.50 - 94 1.445 - 584

11.4: 172 + 9.8

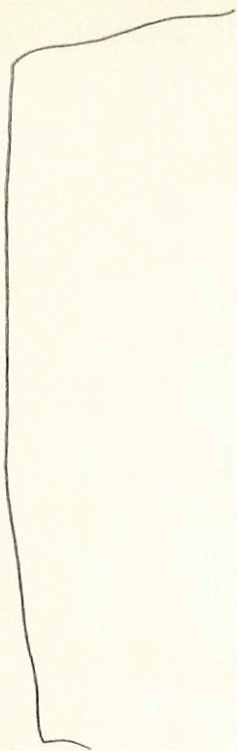
to: 0071

1.541 1.540

- 970 - 984

9.28 0.75

4.854 + 9.84







Q1 (M) : 0.861  
Q2 (M) : 0.356  
Q3 (M) : 0.362  
MP : 4241.765  
M : 77.454

Q1 (U) : -0.243  
Q2 (U) : 0.915  
Q3 (U) : -0.322  
DU : -5931.562  
U : -99.355

Q1 (U) : -13.292  
Q2 (U) : -3938.340  
Q3 (U) : 0.875  
DU : 0.189  
U : -0.446

DISTANCE : -984.000  
MODULUS : 0.750  
RAD. VEL. : 14  
48.400

+60°19341

7

42.0

50 11.6

+60

29

+60

14.52

508

McC-HC - .074 - .075

10.8, KS +7.1

+140,802

7

52.1

+14 12

18

7

57.425.8

+13 56.47

EB key -080 ~106

10.3 MO

54M(7)

$1052 - 114$   
 Condemp  
 5.3  
 2.6  
 2.9

-82

-106

> 25pc

+80

$4889$   
 $8723$

$125$   
 $10$

+33° 213-242

7 53.9

+34 0

249

8 0.0 0.2

+33 44.20

Prk. 31M 1

61 30

-34 1 Day .H.P.R.W.

-4108 (2)

-4108 (2)

McC -0.150 +.089

10.4 M10 +7.9

to "014



444.1710

2

54.2

444 22

19

8

57.4

444

6.13

0.957.6

Hold

4152 4008

4180

MoR

9.8 Mo

W5352

4272 2W

dmo

x20.8

2000

49 m(s)

80.6

9.3

4154 4003

981

9.03

40.535

2

40160 40.010

4240

9.88

4127 41.19

1

904 40.535

2

4145 4040

1.9







28. 252

0. 517

0. 660

-2. 280

0. 061

-0. 156

11. 163

0. 854

-0. 389

24. 000

23. 988

1. 900\*

0. 000\*

0. 165\*

6. 000\*

44. 000\*

0. 900\*

8. 000\*

19. 000\*



+34 1740

7 56.4

+34 29

511

G 40-43

8 2.5 31.1

+34 12.90

140 0.250

u.1  
3

150 max

~~150~~

4/9 2000

M.C-H.C +.156 -.230

10.4 MOP +8.4

152 ~232

189

232

1K

12/1

2002

13/6

me  
0.246

15/1

+7<sup>19</sup>19

7 59.3  
8 11.0  
8 4.1 24.6

+7 48  
+7 31.62

512 \*

ADS 6597;

$d = 5.17$

$\Delta m = 0.5 \text{ mag.}$

McC-AC - .006 - .131  
+ .003 - .141

9.1 K8 +7.4

Q.050 - 0.136

+9° 61-34

8 0.3

8 5 28.1

+9 37

+9 20.50

513

McC-AC -.235 +.104

10.8 K8+7.6

+33.1646

7 59.7

+33 14

250

8 57 45.1

+32 57.51

+14  
HARRISON  
HARRISON

-line C -0.048 -1.192

10.3 MD +8.3

+0.033

Dye (15.24) 13" sp.

25

-444 012 869

71124 0109

10.15 +2.3 +3.5

-202 471 -128

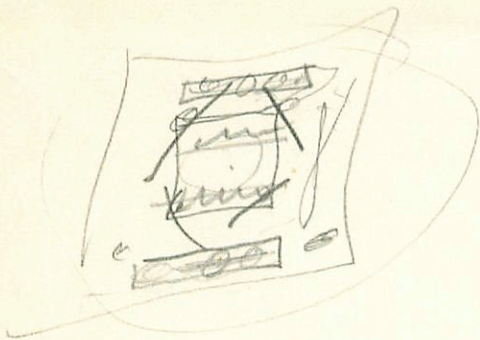
70460 -8836

-5376 -2.19 -0.5

844 234 478

-1425 -2166

-4091 -10.2 +1.9



+48° 242-223

8 0.9

+48

1

514

8 7 46.1

+47

44.32

Weg 295 -02 +.11

11.29 Mo +8.7



+52° 40' 15" - 40'

8 8 0.9 3.1 +51 45' 28.31

515"

MCC-AC +.164 +.015

10.89 K8 +7.4

432'30817

8 2.7

432 18

517

8 8 42.0

432 1.16

MCC +.008 +.067

1.2: M0 +8.3

520 1.680

-35°C

CC462 8 09.2 409 01 12.5 dms

5-431

Prova 19

213

25.7  
25.205

41.21 -5.26

41.14 509-

1.47 qk (10)

1.56W (8)

W

1.5555

1.56W (8)

W

10803, -5.087 25.40

41.076 -5.094 5(R)

1104 -5.082 W

1088 -5.088

0424

24.2

$14.2 + 14.2 = 28.4$   
28.4

0

25.205

1.140

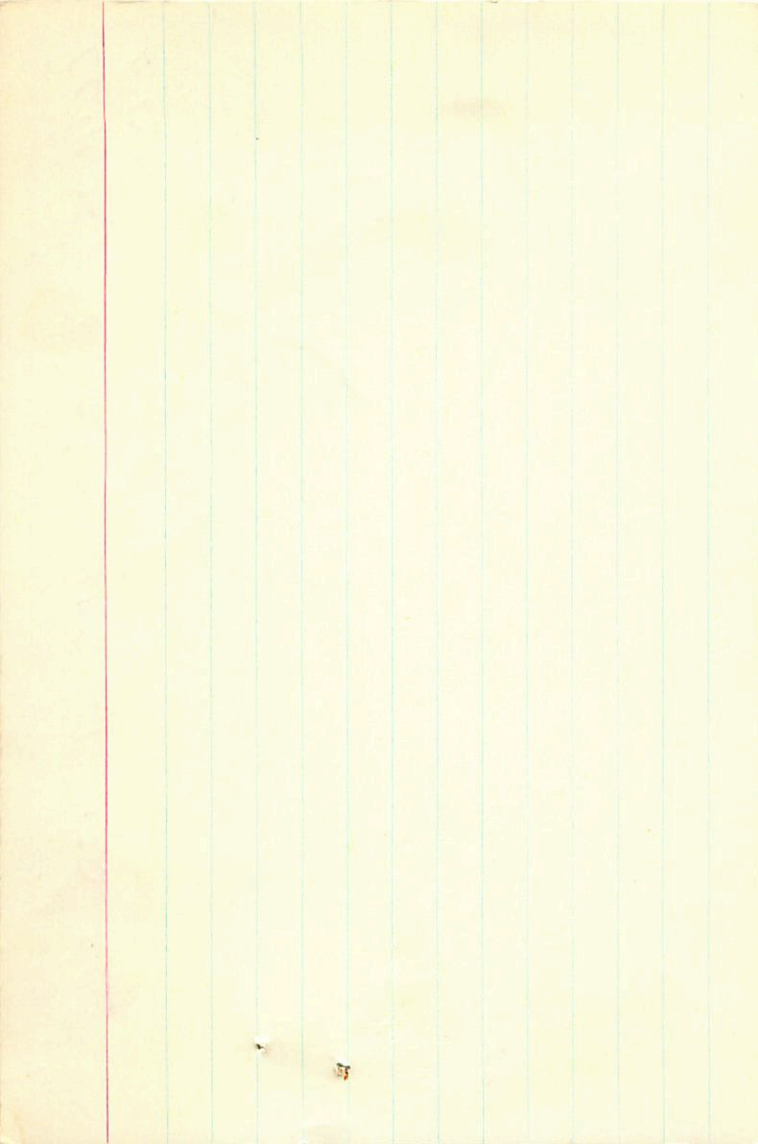
1102

27.88

2.087

38

14.2 + 0.088 =



-14.2469

8 12.0  
8 17.2  
8 16.4 23.7

-14 45  
-14 54  
-15 2.82

578

003L 2014

052-054

Carbonyl

894 2014

852 2014

M.C-HC 4.055 - .048

9.6: K8 + 7.1

40.055 - 0.048

455  
22

870  
904  
945

2

6406

0256

7253

-9559

]

131

18.8

103.0

175

147



13.572

15.3

0.200

0.094

-49.679

426

4874

-0.820

-0.166

21.532

22+

0.536

-0.289

4.24

55.000

0.120

27.542

2.200\*

1.75

-0.048\*

0.055\*

-3.000\*

-15.000\*

16.400\*

8.000\*

518.000\*



+6° 63-88

8 12.3

+6 4V

519

8 17 22.1

+6 26.10

NO

MCC-AC - .236 + .047

287 + 070

✓  
11.4 K8 + 7.4



1

520.000\*

8.000\*

23.100\*

52.000\*

21.000\*

-0.055\*

0.132\*

2.550\*

155 32.359

-51.900

0.001

0.791

-41.056

0.644

0.190

112 10.953

-0.212

0.581

-37.001

+14.1876

8

12.8

+14 32

21

8

18.16.9

+14 14.03

~~EB~~

53  
26

104 MO

EB Lu

-072 -266

+15 C 2W  
d MO

41982

34M(4)

-0.072 -0.266

22

+22.1924

8<sup>8</sup> 15.0  
17.6  
20.634.5

+22 19  
+22  
+22 0.77

Y1991  
W5538

Im18-986 +32 -22

56  
25  
84

271 124ppm  
20.3206W

9.8 MO 851  
85

9.54 +1.18 +1.12 (2)  
8.89 +0.485 (2)

623  
275

-18.5

-17C 2W  
dMO

301-250  
271-265  
260-256

24.5

+239 -214 (52)  
+284

10.320 -0.220

+0.299 -0.239 Y  
+2 -11

+301 -250

86 20

+250 -230 -17.0

-557 195 807  
-144 935 -325  
818 247 493

-0792 -0231  
-0205 -1108  
1163 -0351

-1022  
-1313  
0812

-25.0 -14.9  
-32.2 +6.0  
-19.9 -9.1

-39.9  
-26.2  
-28.9

286-257

308  
-257  
155  
-203







~~10.751~~  
913

0.493  
0.762

~~24.054~~  
23.78

-0.325  
-1.210

~~27.644~~  
40.30

0.807  
-0.952

303

~~17.000~~  
25.119

2.000\*  
-0.230\*  
0.280\*  
1.000\*  
22.000\*  
20.600\*  
8.000\*

22.000\*

M :	2.125
MP :	244.244
dp (M) :	0.404
ds (M) :	0.305
dt (M) :	0.815
^ :	-50.255
q :	-1331.448
dp (N) :	-0.352
ds (N) :	0.232
dt (N) :	-0.145
n :	-39.298
p :	-264.753
dp (N) :	0.802
ds (N) :	0.162
dt (N) :	-0.228
v :	-50.300
MODULO :	50
DISTANCE :	1.220
EM: DEC :	-525.000
EM: B.A. :	303.000
DEC :	55.000
B.A. :	0.320

R.A. : 8.350  
DEC. : 22.000  
PM. R.A. : 308.000  
PM. DEC. : -257.000  
DISTANCE : 1.550  
MODULUS : 20  
RAD. VEL. : -20.300

q1 (U) : -0.558  
q2 (U) : 0.196  
q3 (U) : 0.806  
dU : -994.423  
U : -36.668

q1 (V) : -0.142  
q2 (V) : 0.935  
q3 (V) : -0.326  
dV : % -1331.448  
V : -20.572

q1 (W) : 0.817  
q2 (W) : 0.297  
q3 (W) : 0.494  
dW : 744.744  
W : 5.177

+33° 1694 8 16.0 +33 6 251  
 Y1996 8 21 18.9 +32 57  
 22.0 59.5 +32 47.63

WSSSD 30V (10)  
 1001 1.02 5200W 855  
 10.01 +1.07 +56 R  
 1007 +1.02 4000W  
 -97.584W  
 N E = 420  
 948 43

20.473 0.00 -1.64  
 -91.710W 9.6 148 +7.5  
 70.036

0.050 -0.640

100 -660 G  
 035 -669 L  
 100 A  
 100 B

+10 -655 31  
 75

R.A.	:	8.150
DEC.	:	9.000
M. R.A.	:	1102.000
M. DEC.	:	%-5088.000
DISTANCE	:	-0.850
MODULUS	:	7
D. VEL.	:	-35.000
q1 (U)	:	-0.522
q2 (U)	:	0.368
q3 (U)	:	0.769
DU	:	%-11563.160
U	:	-105.104
q1 (V)	:	-0.176
q2 (V)	:	0.836
q3 (V)	:	-0.519
DU	:	%-21075.270
V	:	-124.308
q1 (M)	:	0.834
q2 (M)	:	0.407
q3 (M)	:	0.372
DM	:	%-5512.307
M	:	-50.284

Handwritten text, likely bleed-through from the reverse side of the page. The text is extremely faint and illegible.

Small handwritten mark or signature at the bottom of the page.

-66,414

0,544  
-0,573

-115,680

-0,145  
-3,048

-71,257

0,826  
-0,159

-78,200  
41,687

3,100\*  
-0,655\*  
0,010\*  
48,000\*  
32,000\*  
22,000\*  
8,000\*

1996,000\*



+29° 1954

8 18.4

8<sup>2</sup> 241.3  
241.2 + 3.8

+29 23

<sup>14</sup>  
+29 4.37

252

+34.4 (1)

Muc-Ac -0.234 +.250

9.9 118 +7.7



AS<sup>2</sup> 63-391

8 17.6 +4 44 522  
8 22 36.2 44 25.51

M.C.-AC -.051 -.090

10.39 K8 +7.4

+23° 42' -363

8 18.4

+22 26

523

8 23.4 58.3

+22 7.38

35  
27  
4+

M.C-AC +.008 +.026

10.4 MO +9.0

+62° 18836

8 17.5

+62 12

521

8 25th 36.9

41

+61 53.34

4

McC-AC +.561 - .670

10.0 MO + 8.3

+46° 35' 4-95

8 19.1  
8 25 45.0  
+46 13  
+45 54.25

524

Hb. pt. II 1 r. 159-017

11.1 MO + 8.0

+36° 28826

8 19.3

+35 31

253

8 25 23.2

+35 12.26

$\rho = 32.7$   
 $\omega = 0.576$

Inc C-AC -1.003 - .454

10.8 110 +10.2

WOR19

1940.65 211 0.57 4WOL  $\frac{11.5}{11.6}$

520

8

23.1

+52

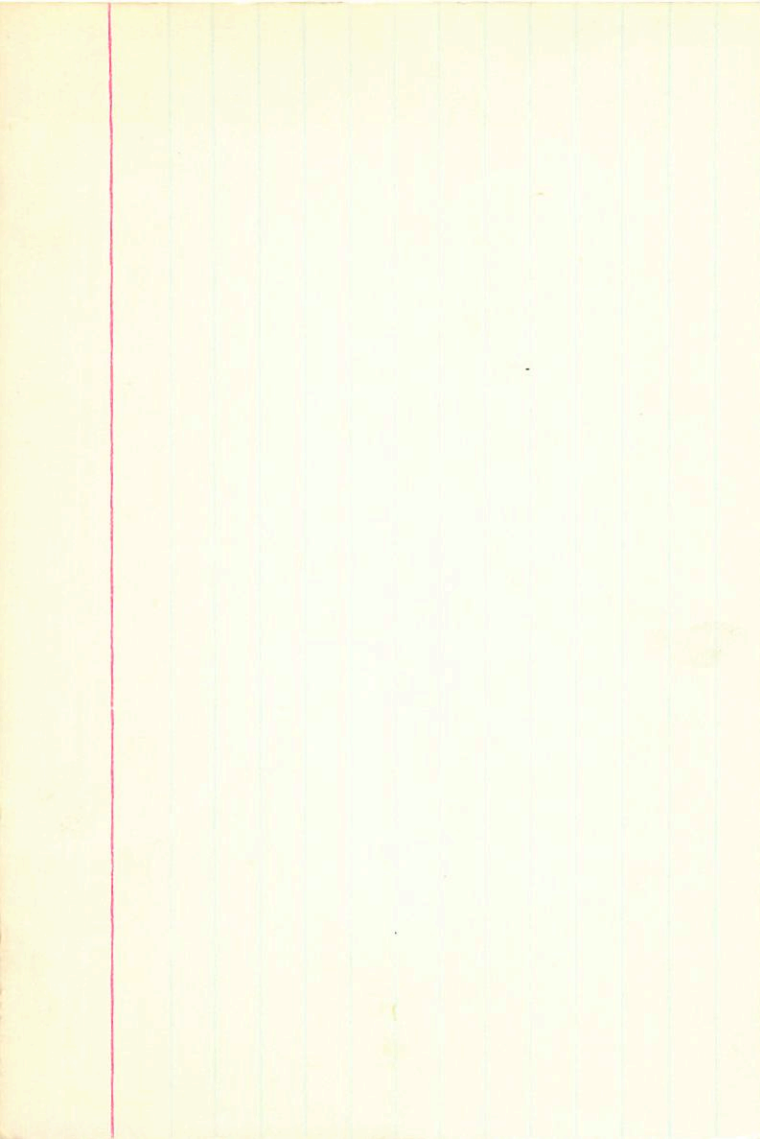
21

V<sub>g</sub> 520

+520, 205

9.73 +1.06 +0.88 ① 9.4 10.415 ②  
10.14 +1.15 +1.05 ② 9.74 10.455 ②

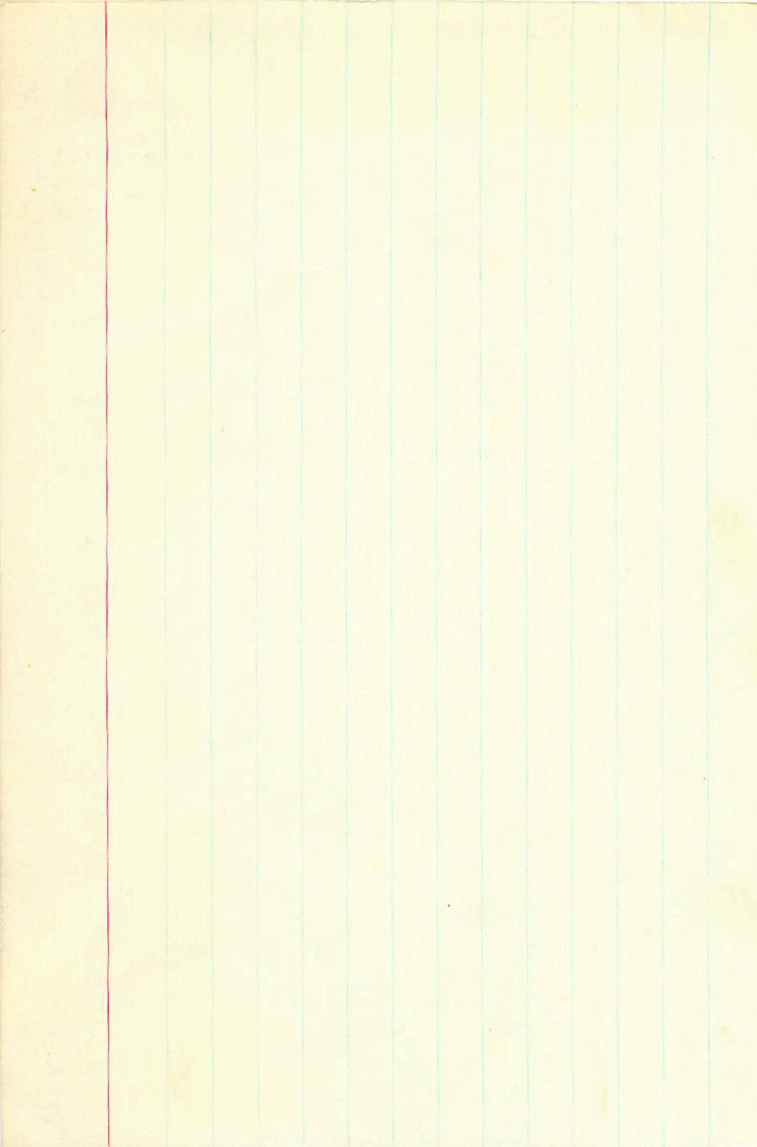
56/10 ③  
56/12 ③



4601405  
CC474 8 26.0 +46 05 9.9 DWG-22138 YW  
5587

-0250 - 410 in 474





+17° 626-136

8 21.6

+16 45

525

8 26 58.5

+16 26.04

McC-AC +.022 -.038

11.0 MO +8.3

-9° 25' 35"

8 22.7

-9 30

526

8 27.3 16.5

-9 49.04

4.6

9.5

0.64

0.064

McC-AC -0.054 + 0.035

2.25

ND

10.3 MO + 8.1

0.117

4.64

+16°1753      8    24.3      +16 19      527  
8    29    39.4      +15 59.74

McC-AC - .097 - .088      10.1    KR + 7.4

254

9

222

667

28

H770552

APP 310

7.30

+1.42

+1.23

①

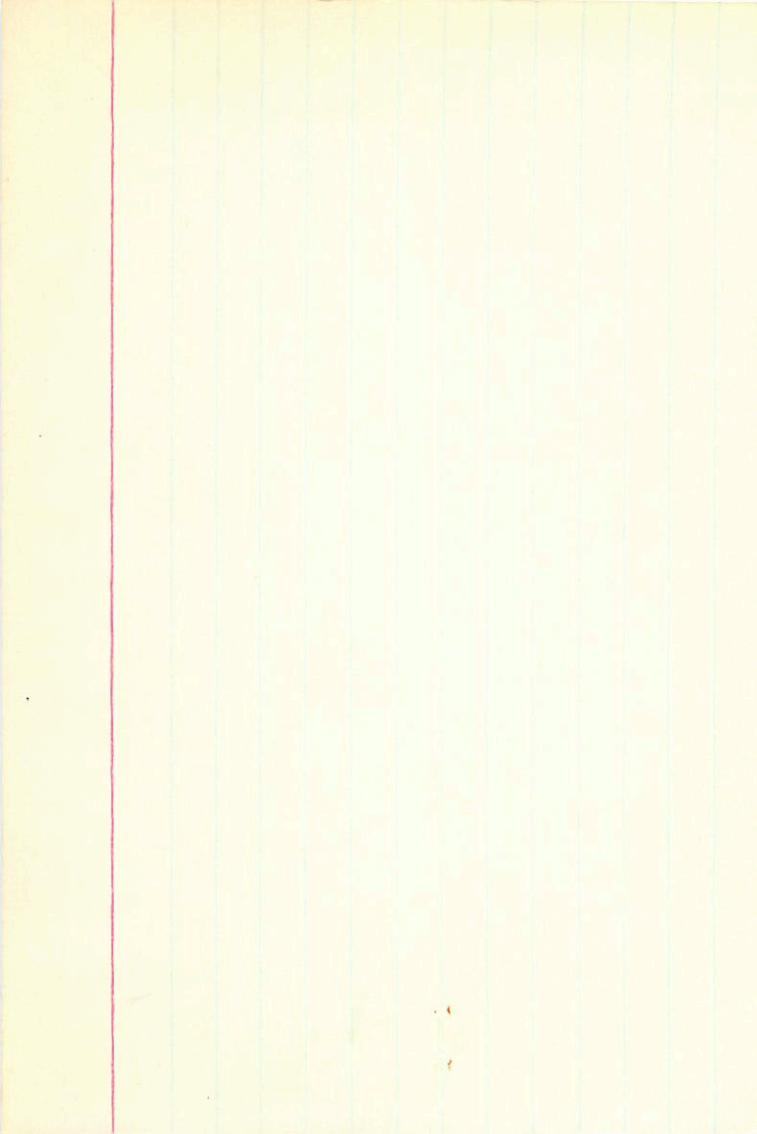
+1.06

+0.71 ①

~~254~~

~~254~~

413.0





100



26,941

0,592

0,722

-15,464

0,022

-0,342

-30,541

0,806

-0,521

-9,000

44,668

3,250\*

-0,050\*

0,195\*

44,000\*

42,000\*

30,600\*

8,000\*

23,000\*

W 310.1

S 33.2 + 6.45

92944

92956

33456

-10089 -1111

3

-133 -111

9238-6185  
5649-2858

+32: 1769

8 29.5

+32 27

255

8 35 25.0

+32 7.14

Two C-AC -0.078 -1.102

K5

10.2 K8 +7: