

~~5280~~

~~12284~~

~~14 01.1 + 51 13 40~~

~~1490~~

~~604 132 1.05~~

~~028 181 1016 2.904 est ab~~

~~088 159 1.013 2.515 56
74 711 1015 2.910. 5~~

~~948 1012
1360
1.386~~

~~10123.703
103
1028 703~~

~~-624
119~~

~~8824 -669
-6823 664
-672~~

~~+1.455
460~~

~~-3
5704
-8.8~~

66

R.A.	:	14.000
DEC.	:	51.200
R.A.	:	-34.000
DEC.	:	-3.000
STANCE	:	5.040
ODULUS	:	102
VEL.	:	-3.800
q1 (U)	:	-0.722
q2 (U)	:	0.688
q3 (U)	:	0.067
DU	:	63.157
U	:	5.843
q1 (V)	:	0.636
q2 (V)	:	0.624
q3 (V)	:	0.454
DV	:	-73.131
V	:	-11.444
q1 (M)	:	-0.271
q2 (M)	:	-0.371
q3 (M)	:	0.888
DM	:	32.602
M	:	-4.498

5284
14 024 -16 06 -134

12258

544 195 1099 2894

61585 -1162 1468

+062
+84

655
680
134

54

1000
800
600
400
200
0
1000
800
600
400
200
0

1000
800
600
400
200
0

R.A.	:	14.050
DEC.	:	-16.100
R.A.	:	8.000
DEC.	:	-5.000
STANCE	:	5.500
MODULUS	:	126
REFL.	:	-13.400

8240
123866

14 14.0 - 05 05' - 360

218 177 750 2722
706

5745' 14V 1116
+176
110

1094 1005 length

141
 $\sqrt{134+1005}$

390

36

58

868.41	1446.8	
869.54	1446.8	
869.60	1446.8	
868.58	1446.8	
869.56	1446.8	
868.58	1446.8	DISTANCE
868.60	1446.8	MODULE
868.62	1446.8	AERIAL, RAD.
815.67	1446.8	1P
828.9	1446.8	2P
838.8	1446.8	3P
838.18	1446.8	4P
838.39	1446.8	5P
838.8	1446.8	6P
838.9	1446.8	7P
838.8	1446.8	8P
838.8	1446.8	9P
838.8	1446.8	10P
838.8	1446.8	11P
838.8	1446.8	12P
838.8	1446.8	13P
838.8	1446.8	14P
838.8	1446.8	15P

R.A.	:	14.050
DEC.	:	-9.100
PM, R.A.	:	-141.000
PM, DEC.	:	5.000
DISTANCE	:	3.900
MODULUS	:	60
RAD. VEL.	:	-36.000
q1 (U)	:	-0.716
q2 (U)	:	0.398
q3 (U)	:	-0.574
dU	:	481.807
U	:	49.694
q1 (V)	:	0.639
q2 (V)	:	0.705
q3 (V)	:	-0.309
dV	:	-404.964
V	:	-13.294
q1 (W)	:	-0.282
q2 (W)	:	0.588
q3 (W)	:	0.759
58	MP	199.829
	M	-15.267

5305

14 6.5 474 50 43

12403

16097

+ 75.624

34444

31573

15115

6115

19

150

1526

51523

15115

1526

- 01153
- 01122
- 01056

10111
+ 01122
+ 01056

0438
0056
+ 58
0046

[0411011]

~~01151~~

~~01152~~

~~01153~~

~~01154~~

~~01155~~

~~01156~~

~~01157~~

~~01158~~

~~01159~~

~~01160~~

~~01161~~

~~01162~~

~~01163~~

~~01164~~

~~01165~~

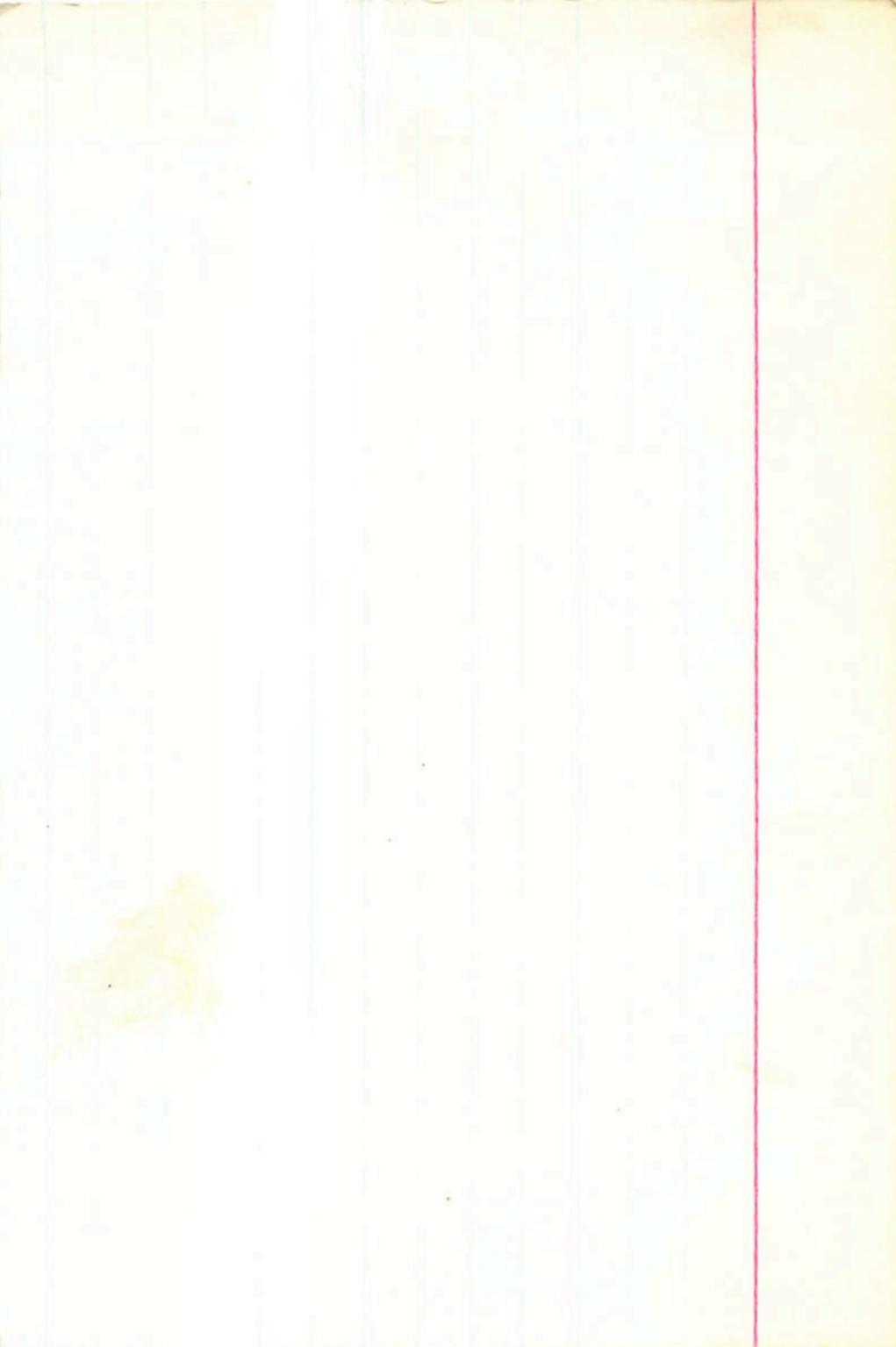
~~01166~~

31.640 966 - 01151
905 01152
905 01153
905 01154
905 01155
905 01156
905 01157
905 01158
905 01159
905 01160
905 01161
905 01162
905 01163
905 01164
905 01165
905 01166

31.422 01151
31.422 01152
31.422 01153
31.422 01154
31.422 01155
31.422 01156
31.422 01157
31.422 01158
31.422 01159
31.422 01160
31.422 01161
31.422 01162
31.422 01163
31.422 01164
31.422 01165
31.422 01166

31.422 01151
31.422 01152
31.422 01153
31.422 01154
31.422 01155
31.422 01156
31.422 01157
31.422 01158
31.422 01159
31.422 01160
31.422 01161
31.422 01162
31.422 01163
31.422 01164
31.422 01165
31.422 01166

31.422 01151
31.422 01152
31.422 01153
31.422 01154
31.422 01155
31.422 01156
31.422 01157
31.422 01158
31.422 01159
31.422 01160
31.422 01161
31.422 01162
31.422 01163
31.422 01164
31.422 01165
31.422 01166



~~14012~~

14012 14012

14012

14012

14012

14012 14012 14012

14012 14012 14012

14012

14012

14012

14012

14012

14012

14012

14012

14012

14012

14012

14012

14012

14012

124675 ⑥ Sp. B. $\beta = 1766.8$; $\gamma = -315$ -167
 19207
 19207 14 0.7 +52 0.1 -15.6 e
 11.7 0.9 -15.6 e
 15.6 e

83614 4.34 +0.20 +0.14 A715 +0056-2004 Anthony
 1059123 2.50 +0.95 +0.95 +053-004

124671 6.69 +0.39 -0.04 F25 +063 -010 6c
 19204 1 6.69 +0.39 -0.04 F25 +063 -010 6c
 6.69 +0.39 -0.04 F25 +063 -010 6c
 19204 1 6.69 +0.39 -0.04 F25 +063 -010 6c
 6.69 +0.39 -0.04 F25 +063 -010 6c
 19204 1 6.69 +0.39 -0.04 F25 +063 -010 6c

23A(14) 6.15 0.166 1.022 (1.3?) 89.9% 92441080
 -1m(14) 104144 1.00 2514 70.60-0025

126 193 927 Berry 9.c. 19.69 PMSA 8/309
 106 144 1107 2.84 Perry C.R. 19.69
 9474 9345 4574137 0573 0573
 3885 631 1.297

126 193 927 Berry 9.c. 19.69 PMSA 8/309
 106 144 1107 2.84 Perry C.R. 19.69
 9474 9345 4574137 0573 0573
 126 193 927 Berry 9.c. 19.69 PMSA 8/309
 106 144 1107 2.84 Perry C.R. 19.69
 9474 9345 4574137 0573 0573

126 193 927 Berry 9.c. 19.69 PMSA 8/309
 106 144 1107 2.84 Perry C.R. 19.69
 9474 9345 4574137 0573 0573

-534 - 840 755 616 + 064 - 012 - 18.4 - 009 - 123 - 033

034 - 005 - 054 123 - 250 - 7.6 + 8.1 + 5.1 0155

+ 005 - 010
41.547 94.1 + 006 013 23.31 89.0

316
2.01
+ 0063 - 013 64

+ 0064 - 012

015

+ 15 - 9 - 13
- 13 + 1 - 13

+ 14.2 - 10.4 - 14.1

- 14.5 + 12 - 11.1

41.502. (418) 224
501
2321

02

+ 14.2 - 8.9 - 13.9
- 13.0 + 0.8 - 17.3

41.408 (418)
#18
624
22.94

25

895.75 14.9
895.25 14.9
895.45 14.9
895.55 14.9
895.85 14.9
AD. DECEMBER 26
895.85 14.9
895.95 14.9
896.05 14.9
896.15 14.9
896.25 14.9
896.35 14.9
896.45 14.9
896.55 14.9
896.65 14.9
896.75 14.9
896.85 14.9
896.95 14.9
897.05 14.9

R.A. : 14.200
DEC. : 52.000
PM. R.A. : 84.000
PM. DEC. : -4.000
DISTANCE : 3.850
MODULUS : 18.300
AD. VEL. : -21.5

q₁ (U) : -0.695
q₂ (U) : 0.717
q₃ (U) : 0.054
dU : -184.068
U : -11.834

q₁ (V) : 0.646
q₂ (V) : 0.591
q₃ (V) : 0.483

5841

14 13.7 -6 23 -341

154915

173177 728
763 7.767

6.8038 1142

+1.00

2 16

37

-21

4.83

-34.1

60

65.00
884.00 8.9
885.00 10.30
886.00 10.14
887.00 20.10
888.00 13.4
889.00 10.14
890.00 20.10
891.00 13.4
892.00 10.14
893.00 20.10
894.00 13.4
895.00 10.14
896.00 20.10
897.00 13.4
898.00 10.14
899.00 20.10
900.00 13.4
901.00 10.14
902.00 20.10
903.00 13.4
904.00 10.14
905.00 20.10
906.00 13.4
907.00 10.14
908.00 20.10
909.00 13.4
910.00 10.14
911.00 20.10
912.00 13.4
913.00 10.14
914.00 20.10
915.00 13.4
916.00 10.14
917.00 20.10
918.00 13.4
919.00 10.14
920.00 20.10
921.00 13.4
922.00 10.14
923.00 20.10
924.00 13.4
925.00 10.14
926.00 20.10
927.00 13.4
928.00 10.14
929.00 20.10
930.00 13.4
931.00 10.14
932.00 20.10
933.00 13.4
934.00 10.14
935.00 20.10
936.00 13.4
937.00 10.14
938.00 20.10
939.00 13.4
940.00 10.14
941.00 20.10
942.00 13.4
943.00 10.14
944.00 20.10
945.00 13.4
946.00 10.14
947.00 20.10
948.00 13.4
949.00 10.14
950.00 20.10
951.00 13.4
952.00 10.14
953.00 20.10
954.00 13.4
955.00 10.14
956.00 20.10
957.00 13.4
958.00 10.14
959.00 20.10
960.00 13.4
961.00 10.14
962.00 20.10
963.00 13.4
964.00 10.14
965.00 20.10
966.00 13.4
967.00 10.14
968.00 20.10
969.00 13.4
970.00 10.14
971.00 20.10
972.00 13.4
973.00 10.14
974.00 20.10
975.00 13.4
976.00 10.14
977.00 20.10
978.00 13.4
979.00 10.14
980.00 20.10
981.00 13.4
982.00 10.14
983.00 20.10
984.00 13.4
985.00 10.14
986.00 20.10
987.00 13.4
988.00 10.14
989.00 20.10
990.00 13.4
991.00 10.14
992.00 20.10
993.00 13.4
994.00 10.14
995.00 20.10
996.00 13.4
997.00 10.14
998.00 20.10
999.00 13.4
1000.00 10.14
1001.00 20.10
1002.00 13.4
1003.00 10.14
1004.00 20.10
1005.00 13.4
1006.00 10.14
1007.00 20.10
1008.00 13.4
1009.00 10.14
1010.00 20.10
1011.00 13.4
1012.00 10.14
1013.00 20.10
1014.00 13.4
1015.00 10.14
1016.00 20.10
1017.00 13.4
1018.00 10.14
1019.00 20.10
1020.00 13.4
1021.00 10.14
1022.00 20.10
1023.00 13.4
1024.00 10.14
1025.00 20.10
1026.00 13.4
1027.00 10.14
1028.00 20.10
1029.00 13.4
1030.00 10.14
1031.00 20.10
1032.00 13.4
1033.00 10.14
1034.00 20.10
1035.00 13.4
1036.00 10.14
1037.00 20.10
1038.00 13.4
1039.00 10.14
1040.00 20.10
1041.00 13.4
1042.00 10.14
1043.00 20.10
1044.00 13.4
1045.00 10.14
1046.00 20.10
1047.00 13.4
1048.00 10.14
1049.00 20.10
1050.00 13.4
1051.00 10.14
1052.00 20.10
1053.00 13.4
1054.00 10.14
1055.00 20.10
1056.00 13.4
1057.00 10.14
1058.00 20.10
1059.00 13.4
1060.00 10.14
1061.00 20.10
1062.00 13.4
1063.00 10.14
1064.00 20.10
1065.00 13.4
1066.00 10.14
1067.00 20.10
1068.00 13.4
1069.00 10.14
1070.00 20.10
1071.00 13.4
1072.00 10.14
1073.00 20.10
1074.00 13.4
1075.00 10.14
1076.00 20.10
1077.00 13.4
1078.00 10.14
1079.00 20.10
1080.00 13.4
1081.00 10.14
1082.00 20.10
1083.00 13.4
1084.00 10.14
1085.00 20.10
1086.00 13.4
1087.00 10.14
1088.00 20.10
1089.00 13.4
1090.00 10.14
1091.00 20.10
1092.00 13.4
1093.00 10.14
1094.00 20.10
1095.00 13.4
1096.00 10.14
1097.00 20.10
1098.00 13.4
1099.00 10.14
1100.00 20.10
1101.00 13.4
1102.00 10.14
1103.00 20.10
1104.00 13.4
1105.00 10.14
1106.00 20.10
1107.00 13.4
1108.00 10.14
1109.00 20.10
1110.00 13.4
1111.00 10.14
1112.00 20.10
1113.00 13.4
1114.00 10.14
1115.00 20.10
1116.00 13.4
1117.00 10.14
1118.00 20.10
1119.00 13.4
1120.00 10.14
1121.00 20.10
1122.00 13.4
1123.00 10.14
1124.00 20.10
1125.00 13.4
1126.00 10.14
1127.00 20.10
1128.00 13.4
1129.00 10.14
1130.00 20.10
1131.00 13.4
1132.00 10.14
1133.00 20.10
1134.00 13.4
1135.00 10.14
1136.00 20.10
1137.00 13.4
1138.00 10.14
1139.00 20.10
1140.00 13.4
1141.00 10.14
1142.00 20.10
1143.00 13.4
1144.00 10.14
1145.00 20.10
1146.00 13.4
1147.00 10.14
1148.00 20.10
1149.00 13.4
1150.00 10.14
1151.00 20.10
1152.00 13.4
1153.00 10.14
1154.00 20.10
1155.00 13.4
1156.00 10.14
1157.00 20.10
1158.00 13.4
1159.00 10.14
1160.00 20.10
1161.00 13.4
1162.00 10.14
1163.00 20.10
1164.00 13.4
1165.00 10.14
1166.00 20.10
1167.00 13.4
1168.00 10.14
1169.00 20.10
1170.00 13.4
1171.00 10.14
1172.00 20.10
1173.00 13.4
1174.00 10.14
1175.00 20.10
1176.00 13.4
1177.00 10.14
1178.00 20.10
1179.00 13.4
1180.00 10.14
1181.00 20.10
1182.00 13.4
1183.00 10.14
1184.00 20.10
1185.00 13.4
1186.00 10.14
1187.00 20.10
1188.00 13.4
1189.00 10.14
1190.00 20.10
1191.00 13.4
1192.00 10.14
1193.00 20.10
1194.00 13.4
1195.00 10.14
1196.00 20.10
1197.00 13.4
1198.00 10.14
1199.00 20.10
1200.00 13.4

R.A. : 14.200
DEC. : -6.400
R.A. : 37.000
DEC. : -21.000
ANCE : 4.330
ULUS : 73
VEL. : -34.100

1 (U) : -0.695
2 (U) : 0.421
3 (U) : -0.582
dU : 79.278
U : 25.673

1 (V) : 0.646
2 (V) : 0.721
3 (V) : -0.250
dV : -184.388
V : -5.021

11 (W) : -0.315
42 (W) : 0.550
73 (W) :

5345 14 13.5 - 152 46 42 - 150

125019

19248

6.60 +0.10 +0.08 155.4

+1.80

~~143 169 255 356~~

044 175 1019 2910

~~1.55 093 1.385~~ -34

11

~~5713~~ -15

1073+0.0

1714011

61

-041

$\frac{2}{3}$

~~6632 - 678~~

~~-7208 2116~~

147

-0151 + 004

109100

$$\begin{array}{r}
 5029 + 210 + 3.9 \\
 -4418 - 18.4 - 2.4 \\
 +2253 + 9.4 - 2.4 \\
 \hline
 5029 + 210 + 3.9
 \end{array}$$

$$\begin{array}{r}
 -45 - 77 + 0159 \\
 +2265 - 0042 \\
 \hline
 -325 - 178 - 929
 \end{array}$$

$$\begin{array}{r}
 -688 918 - 163 \\
 645 673 356 \\
 \hline
 +4859 + 0170
 \end{array}$$

41.7 60

125111

~~149 5347 14 14.9 + 39 59 4.3 - 2416~~

~~-0145 - 149 + 0145 →~~

$$\begin{array}{r}
 256 149 621 2674 \\
 -272 \\
 \hline
 -130
 \end{array}$$

62

888.89 A.R. M. DE
888.591 A.R. M. DE
888.4 ISATINE
881.6 MODULUS
881.4 SP. O.
881.491 IP
888.81 SP
888.8 SP
881.8 SP
878.602 SP
888.8 SP
888.8 SP
888.8 SP
888.8 SP

R.A. : 14.250
DEC. : 40.000
M. R.A. : -197.000
M. DEC. : 4.000
DISTANCE : 3.130
MODULUS : 42
D. VEL. : -24.100

q1 (U) : -0.688
q2 (U) : 0.718
q3 (U) : -0.103
dU : 506.076
U : 23.880

q1 (V) : 0.648
q2 (V) : 0.673
q3 (V) : 0.356
dV : -

14R 5348

125150 14 15.4 -32 59 F0 E -28.7 8C

150955

5346

(an hour)

6.52 +0.29 (1.62)

my last

0.53 0.76 1.216 10.65-0.36

8 set

10.64-0.36

in May 1.216

in May 1.216

-0054 -0.48 N30

-0055 -0.43 66 →

-0054 -0.46 633

165

165

165

171 193 232 2770

-12

-36

461

-2817

100

63

833.0- R
833.0- DEC
833.0- PM, R
833.0- PM, DEC
833.0- DISTANCE
833.0- MODULUS
833.0- RAD, AREA
833.0- IP
833.0- SP

R.A. : 14.250
DEC. : -33.000
PM. R.A. : -82.000
PM. DEC. : -36.000
DISTANCE : 4.910
MODULUS : 96
RAD. VEL. : -28.700

q_1 (U) : -0.688
 q_2 (U) : 0.111
 q_3 (U) : -0.717
 q_4 (U) : -0.259

5350 (W) 141 14.4 +51 36 A72 Vans

12561

19269

96713

476 + 24 + 10

356 -

+147
+224
4211

128 198 834 ③ SPC

176 198 834
809
809

1006 + 986 464
1006 - 986 464

8.27 4815 445 554 911 - 8977
-4117
-1616
12576

-37

8448 - 9257
3221
355
421

-241

1534
-150 1043

95

95

11

11

11

11

11

11

11

11

11

11

11

11

11

11

11

11

344.

6M

PM. 9
PM. 10
PM. 11
PM. 12
DIESEL GENS
MOTOR GENS
RAD. AVE

10
10
10
10
10

10
10
10
10
10

10
10
10
10
10

R.A. : 14.250
DEC. : 51.600
PM. R.A. : -241.000
PM. DEC. : 93.000
DISTANCE : 2.650
MODULUS : 34
RAD. VEL. : -19.000

q1 (U) : -0.688
q2 (U) : 0.724
q3 (U) : 0.043
dU : 887.655
U : 26.547

q1 (V) : 0.648
q2 (V) : 0.587
q3 (V) : 0.484
dV : -200.951
V : -16.014

64

91 (W)

25
-94834 25p

14 11.8 -88 46

16330

15803
133668

-0067 -0044 0c →
-0063 -0072 080

+0066 -0065 -0063
0130 0327 069

- 17

-694 -450 -541 | +0510 +1344 | +1854 +21.7 +5.3
646 -045 -761 | -0475 -0.143 | -0618 -7.22 +7.2
-314 842 -324 | +0232 -2644 | -2432 -28.4 +3.0

65

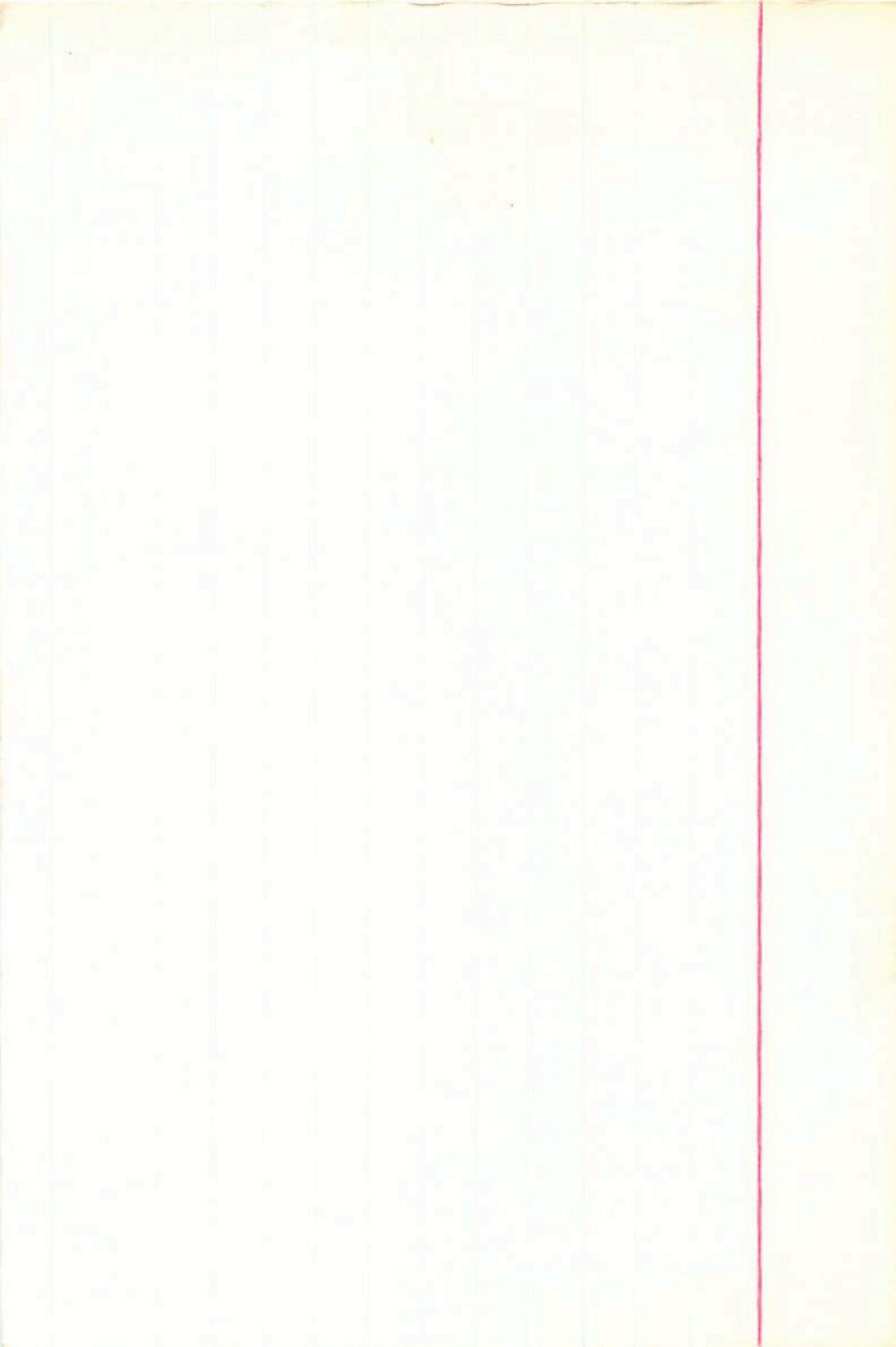
5303
123458
15211

141 119 -80 46 4p

1.60 + 25 + 11 C

(2)

$$\begin{array}{r} 4.86 & 111 & 227 & 802 & 2836 & 29,29,5 \\ \underline{124} & \underline{215} & 867 & \underline{\underline{2811}} & \underline{\underline{3065}} \\ . & 120 & 221 & 804 & 2824 \end{array}$$



5357

14 16.3 -36 46 +0.3

12583

032 186 998 2402

563 100 1394

1040 036 (carry)
1046 - 038
944 - 677 1 000 4
- 674 - 7354 000 4

66

1
A.9
120
A.8 .M.
120
A.8 .M.
120
51810
MODOM
1202 .CR
1202 .CR
1202 .CR
IP
SP
SP
1202 .CR
1202 .CR
1202 .CR
IP
SP
SP
1202 .CR
1202 .CR
1202 .CR

R.A. : 14.250
DEC. : -36.750
M. R.A. : -60.000
M. DEC. : -38.000
INSTANCE :
MODULUS : 4.650
D. VEL. : 85
0.300
q1 (U) :
q2 (U) : -0.688
q3 (U) : 0.064
dU : -0.722
U : 145.356
12.155
q1 (V) :
q2 (V) : 0.648
q3 (V) : 0.501
dV : -0.573
V : -237.972

L VIII

124550 14 134 -05 46 4.2 dF5+11.5m

19244

6342 $\cancel{W_3}^{50}$ -000471 $\cancel{432}^{69} W^{30}$ 369
-0007±1.0 $\cancel{426}^{51.1}$ 61-70030
100³⁴ $\cancel{4573}$ -0007±1.0 $\cancel{426}^{51.1}$ 61-70030
100³⁶ $\cancel{4536}$ -00059 -4820 F184
 $\frac{-00056}{(-007 \quad 428)}$ 1.415

1185 $\cancel{1360}$ 1.43
 $\cancel{1751}$

Work 130 ~~from 6th~~ 200740

67

41	124850.000 +
155	14.000 +
2	13.400 +
0542	-5.000 +
1.32	-46.000 +
111	-9.007 +
155	-9.428 +
20.3	1.450 +
	19.498
	11.500
	-9.844
	-9.582
	-22.2
-29	-23.142
	-1.491
	-9.238
	-30.2
-33	-31.808
6x	-1.087
	0.778
-13	-12.252

5360

14 156 +51 32 41

12844

16283

649 (116105)

$$\begin{array}{r}
 1620 \quad 1186 \quad 950 \quad 2.888 \quad \text{estab} \\
 \underline{+1620} \quad \underline{+1620} \quad \underline{+1620} \quad \underline{+1620} \\
 152 \\
 184 \\
 364 \\
 \hline
 1376 \\
 1407
 \end{array}$$

$$\begin{array}{r}
 134 \\
 64 \\
 100 \\
 100 \\
 \hline
 248 \\
 145 \\
 \hline
 103 \\
 100 \\
 \hline
 3
 \end{array}$$

(100) (100) 100

24
44

93
615
445

68

MR

MR

1310

CBM

IP

IP

IP

IP

IP

IP

1

R.A.	:	14.250
DEC.	:	51.550
PM. R.A.	:	-34.000
PM. DEC.	:	-2.000
DISTANCE	:	4.950
MODULUS	:	98
RAD. VEL.	:	-9.000
q1 (U)	:	-0.688
q2 (U)	:	0.724
q3 (U)	:	0.043
dU	:	62.129
U	:	5.689
q1 (V)	:	0.648
q2 (V)	:	0.588
q3 (V)	:	0.484
dV	:	-70.53
U	:	

-043 -015

5348 14 17.1 +02/ 37 -132

(100202)

6370

-37,38 -1241

14,29 0714

+13.7
-9.8
-17.1

452 488 -543 +1360 -0347 +1043 +6.6 +7.1
646 745 -145 -1323 -0530 -1853 -11.7 +1.9
334 453 826 -0681 -0322 -1001 -6.3 -108

8055 -9657 0343
-5676 -2565 0322

