

19845

4.92 + 0.204

0000 - 012 - 0000
-5.0
10000 - 10000

915
2.88
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82

4.93 016 136 1.059

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5489.000*

14.000*

41.900*

-34.000*

-58.000*

0.000*

-0.003*

4.800*

91.201

-5.000

-0.024

-0.783

1.715

0.017

-0.494

4.032

-0.028

0.377

J2

-4.409

57

1031 -13-1

5444

14 13.1 -47 14

5.74 A.T.D

2710 11.5 350 524
-0026 -022

5384 8.2

0184
100
-0035 -023
-0042 -023

82
5242

7206 9000
+4
5110
-0039 -021
-0038 -022

5287 40.4

-28
5345

-60341 -0171

5303 55.42

7.635
-
627

-0347

150
5353

-038.5 -014

7.896
-
574

53.48 20.31

-14

43

-131

-24
5374

13

14.700
-47.250
-52.000
-14.000
4.300
72
-13.100

-0.620
-0.125
-0.774
112.079
18.264

0.662
0.445
-0.603
-140.369
-2.275

-0.420
0.887
0.193
11.467
-1.697

13

5567 14 53.9 +14 39 89.5√

8195
5.77-06-08

DBD 1311
ROD

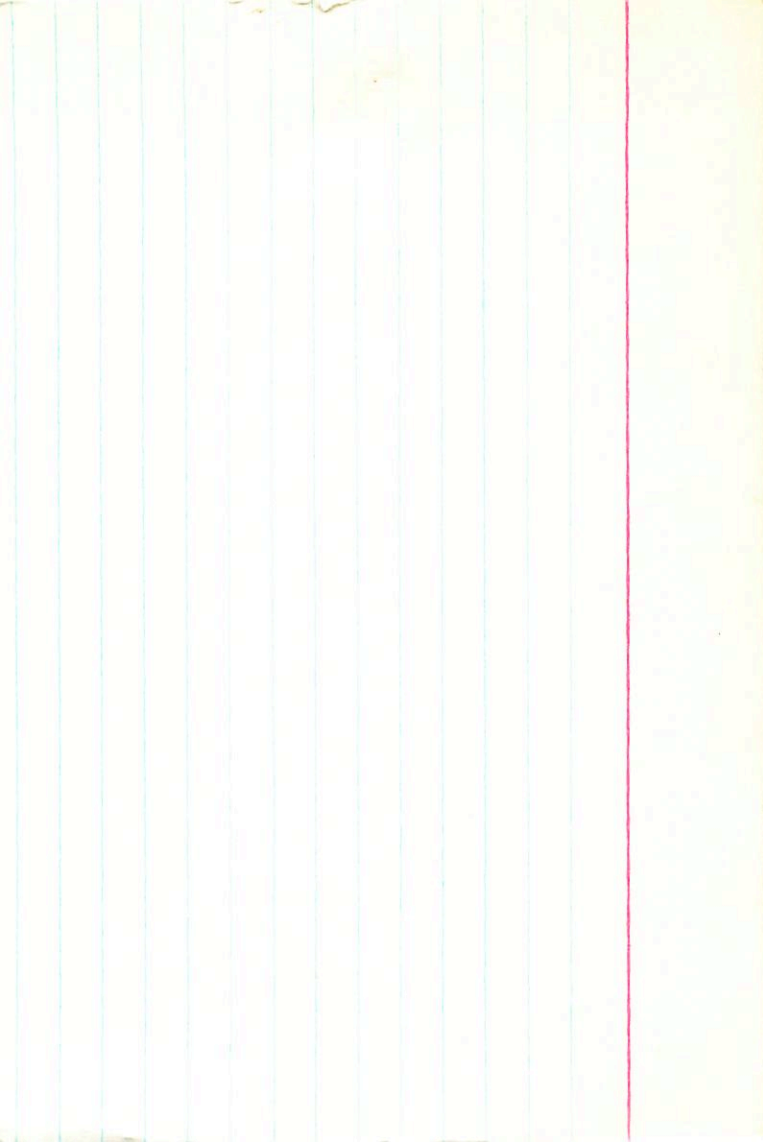
-012	128	1090	2.826
124	1042		
	278		
	<u>1290</u>		

$a_{14} = +0.15$

ROD
-00100 -00345 FIFLY

Varul

-00100
-0145
-012-001



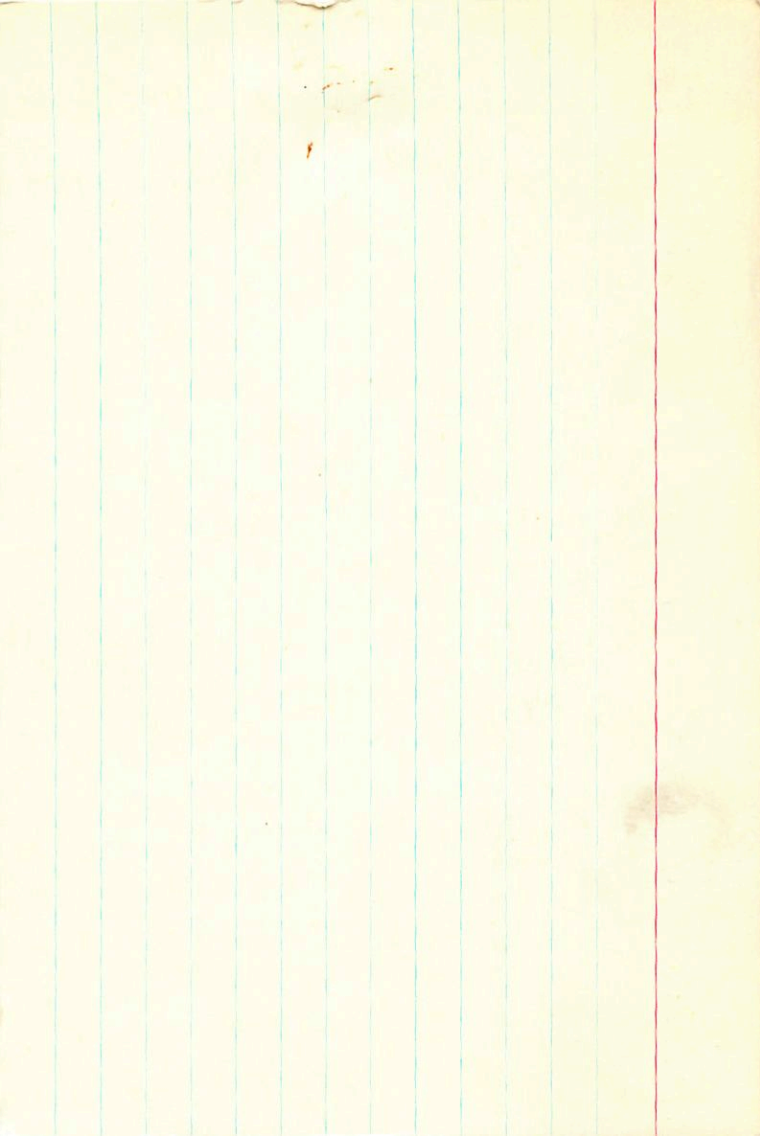
132145 14 54.8 +21 45 6.2 A0 -10.88

20120

8672

47 44 N30
-6019 -034
-6017 54.8 -028 ± 3.66 ~~7270~~

6.24 -0.02 +0.01 ± 12



5574

14 54.8 +21 45 A1D

132145

6.2

20120

010 164

1.019

2.907

etal

167

1017

8

$\frac{234}{51}$

-00195 -0334 W₃ 50
+7

166

332

010 = a ✓

156

-00193 -0327

1017

014 = r ✓

Bul 151

-027
-024-030

1349

1367

+1.3

-025-031

+10.8

14.9
12175

-26

-30

5.2

+10.8

4.9

14



5574.000*

14.000*

54.000*

21.000*

45.000*

-0.025*

-0.031*

4.900*

100

95.499

-10.000

-0.032

-0.426

1.526

-0.183

0.234

-21 -20.004

0.033

0.074

-6.257

14



10

10

10

10

10

10

14.900

21.750

-26.000

-30.000

5.200

11481

1109.65

-10.000

-0.587

0.690

-0.424

-30.894

1.191

+1

0.666

0.709

0.232

-177.058

-23

-21.918

-0.461

0.146

0.876

31.933

-4

-5.954

14

5878 14 55.5 -10 57 A0

13220

6.4

of
91
14

20100

017 142 993 2907

170

145 ✓
290
990
1280
1311

155
11
11

0026-0198
12+31
-76 0160

144
-11
-10

1135 ✓
505

-17

10100
-0100
-0100

5.6

17

1014

30.552 B2

F23 F21

19.16 2.4

$\frac{1594}{12}$

-0210 -021
-1006 -016

$\frac{1.00}{19.16}$

5

-1005 -0085

-00077 -0011

-013

$\frac{-010-013}{-013}$

30.548

18.95

(21.00)

$\frac{17}{555}$

~~1.25~~
~~1.14~~
1.923

5

5

125

5578.000*

14.000*

55.500*

-10.000*

-57.000*

-0.019*

-0.014*

5.050*

102.329

-17.000

0.029

-0.733

15.452

-0.108

-0.184

-7.924

0.002

0.655

-10.005

15

14.900
-11.000
-10.000
-13.000
5.600
132
-17.000

-0.587
0.351
-0.730
5.698
13.156

0.666
0.722
-0.189
-75.462
-6.741

-0.461
0.597
0.657
-15.331
-13.194

15

133024 14 58.9 747 28 top -140.8

6220205

6220205

W8701

ADG

FR5597

6220205

25 PM

9

00167 +0193

-011 +016

-3 +4

-014

+020

123

-18

-50.4

0510

-012 +017

+17

516

1290

+14

-570 +916 -692

-667 +525 +528

-490 -240 +943

+0378 +0773

+0443 +0458

+0319 -0228

+1151

+0941

+0091

+14.8 -1.3

+12.1 -7.4

+1.2 -11.8

+5

-11

-0011 £34
-0013

+016 £25
+011

56.305
063
368
1892.9

27.10
-102
26.08
1886.4

56.264
+ 25
.292
56.296
-076

27.09
-30
26.79
+ .71
1882.29

5597 Si Sub

14 59.0 247 28

133029

6.38 - 0.027 - 0.26 E

(-14)

-088
-092
-043
181
200
205
189

785
778
796
3789
1199

4 warm

2884
2809
105

+23
+12

9.56 + 0.44 - 0.04 E

-33
-0120
-0153
-0156

+47 ± 2.5

+0135
+0187

+0187
86
21

-0120
-0122

W.S

Paul

(5.75)

-091 198782-2803
182800 2907
364
1164

178
356
744
1152

(700)

SS 1/2
130158



91

1900

1900

1900

1900

1900

1900

1900

1900

5597.000*

14.000*

59.000*

47.000*

28.000*

-0.012*

0.022*

5.750*

64

141

141.254

-14.000

0.118

-0.091

12

119

17.879

0.017

0.526

R.A. :
DEC. :
PM. R.A. :
DEC. :
DISTANCE :
MODULUS :
RAD. VEL. :
-14.000

d1 (U) :
d2 (U) :
d3 (U) :
uB :
u :
14.014

d1 (V) :
d2 (V) :
d3 (V) :
uB :
u :
0.078

d1 (W) :
d2 (W) :
d3 (W) :
uB :
u :
0.044

0.080
-0.232
0.044

R.A. :
PM. DEC. : 15.000
PM. R.A. : 47.450
DISTANCE : -18.000
MODULUS : 17.000
RAD. VEL. : 5.650
-14.000

q1 (U) :
q2 (U) :
q3 (U) :
DU :
U :
-0.570
-0.817
-0.093
98.668
14.614

q1 (U) :
q2 (U) :
q3 (U) :
DU :
U :
0.667
0.526
0.528
3.878
-6.873

q1 (M) :
q2 (M) :
q3 (M) :
MP :
-0.480
-0.239

5628 15 07.4 -22 85 40

(+12)

6.00 00 -24
58

6.02 +026 90 858 2.758 255 255

013-012
015.5-009

99 880
148
1078

$m_v = -0.65$
 $v_0 = 5.65$
 -2.35

15.1
Notat -22.6

61 27 88 875 2766
90 75

-13 -52
-4
625
13

4

17

~~15.100~~
~~-72.600~~
-52.000
-9.000
6.250
178
-13.000

195

-0.552
-0.504
-0.665
62.179
19.696

121

0.667
0.211
-0.714
-58.183
-1.061

2

-0.500
0.800
-0.220
1.084
3.049

17

13

5653

15

10.0

-25

55

89

6.08

-024

105

169

2.773

2336

6.09 - 0.8

19

72

86

124

2.773

2336

stay

-0017 -057 6.4+

-0017 -057 6.4+

-0017 -057 6.4+

-0017 -057 6.4+

-2.7

8510
100 610
100 610

078
196

111 = 0.00

111 = 0.00

111 = 0.00

1

18

1000 2000

1000 2000

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5653.000*

15.000*

10.000*

-35.000*

-55.000*

-0.019*

-0.021*

5.900*

151.356

-2.700

0.050

-0.841

9.823

-0.120

-0.437

-16.995

0.033

18

Plumber

5655 15 10.4 -23 50 89

6.46-04-42 E 2+12

6.48 1013 103 199 531 2.725 @ 532

-011-024

528
2947

-0009-030 60

-0009-0255 1124

100 537

009 105 534 2.789

15.15

+3.3

-234

-12

-24

-0116
-011-024

$M_V = -0.75$
10 6-15
6.69

8

-0009563 -03055.1

21.723 18966

18.12 18932

19

5655.000*

15.000*

10.400*

-23.000*

-50.000*

-0.011*

-0.023*

6.800*

6.7
220

240

229.087

3.300

0.010

-0.826

-0.375

-0.109

-0.301

LA

-25.979

-0.051

0.476

-10.114

135230 15 11.7 1908.9 -17 34 59.54 1905.9

20464 0013 020 -021 ± 2.3 -021 ± 2.1

9815 44.144 1908.9 -17 34 59.54 1905.9

OKC
066
-013 -021
-0180
15.2
22.33
1928.88

Ann

19.542
24.590
44.130
19.2
19.8

359
-0176
-018-015

15.2
726
-19
38.02
50.35
11.5
59.20
59.06

44.171
-030
180
25.3
6.85
-254
59.32
1935.52

44.114
+ 7
44.121
59.44
22.27
59.19
34.2
68.40

-30
59.91
28.3

