

-006022.1  
+03121.8  
-0064  
+033

153554 66 58.4 +56 46 6.1 gnet -15.08  
22935

9802 26.321 1897.4 +56 46 40.49 1590.3

$\frac{314}{1637}$

$\frac{-1.85}{38.64}$

58.81  
27.630  
26.440  
470

53.5 1026.9  
13.55  
39.55  
50

26.296  
+30  
326  
470

42.3

40505  
99  
399.99

41 40.28  
+1.64  
1944.88

119.17  
29.7  
99.0

26.274  
273  
30

9115 -4026  
-9148

40.37  
-34  
40.43  
40.77  
40.42

1947.39  
49.0

AUTO START  
FAILED  
CARTRIDGE OUT

17.000

-18.800

-36.000

-19.000

6.000

158

43.200

-0.161

0.180

-0.970

9.782

-40.366

0.592

0.804

0.051

-168.114

-24.436

-0.789

0.567

0.237

76.465

22.336

27

540  
895  
16 578  
+ 21 24  
702 FO

153897

~~1213027~~

+126  
P=5.4  
Debit

+017 -054  
- 2 - 5

+015 -059

to 8.16

don

38205

187

13 137  
124 147

+144  
8.1

+011 -054 AGR

170  
18  
18

838  
196  
141

+017 -055

+014 -0545

+017 -053

-53  
40

1116

1014 -0105

28

9814 16 59.2 +27 16 DRS -3148

22957 455  
2702735 6-61 +0.895 -0.11 2 20" -8.4 -19.2  
381 0 -17.9

(+11)

(2.85)

46.88

+0114 -2140 -2026  
-0421 -1366 -1787  
+0561 -0589 -0028

-0013 ± 8.0 -068 ± 5.1  
-055

-0008

9.062 190513

+058

9.12

-0011 -055

-015

+7.7  
-27.6  
-17.9

1501.8

8.63

328

16.91

9.107

-9

101

4.019

-161 821 -547  
552 524 612  
-789 226 871

10.44

-2

10.44

-1.47

1528.44

-0008±4.2 -14852.5  
-0014 -152

153580 16 59.1 -53 10 5.4 85 +7.08

22954  
9513

8.5831407.9 -53 9 51.04 1797.7

$\frac{0.34}{6.17}$   
+7.74  
43.60

6304

8.593

49.53 1939.39

$\frac{-34}{559}$  143

$\frac{-27}{80}$

31.1

49.8 438.6

8.574

49.8  
-19  
49.99

$\frac{.5874}{5720}$

780  
39.0  
41.3

$\frac{49.90}{6.30}$

-045



17.000  
-53.150  
-16.000  
-150.000  
2.500  
32  
7.000

-0.161  
-0.398  
-0.903  
290.648  
2.071

0.592  
0.693  
-0.411  
-019.376  
-19.304

-0.789  
0.000  
-0.124  
-091.616  
-13.255

29



110 405  
110 338  
+11  
-34

153680 16 59.1 -53 09 dF7

HR63M

2295666

5.29 + 0.505 + 0.015 Diggs

72 110 -150  
00038 -1451  
-0033  
-006-144

1704

[m] 238 -4

.316 1181 1450 2.665 ②  
45,54

[G] 427  $\frac{90}{70}$  2.50 +20 -12.1 -1%  
+262 -448 -416

13.1

2.3

30



82

25

12

11

80

6314.800\*

15.000\*

53.100\*

-53.000\*

-3.000\*

-3.000\*

-3.144\*

22

2.300\*

27.5

23.840

7.000

3.276

-3.903

41

1.651

-3.488

-3.413

-16

-16.974

30

-3.390

-3.123

-12

-12.097

-26.5

6345 16 553 +69 14 636 140

18

$$\begin{array}{r}
 -005 -08266 \\
 \underline{-2} \quad +3 \\
 -007 \quad -089 \\
 \dots
 \end{array}$$

31



-0.175  
0.148

-21.448

-0.016  
0.805

-23.120

0.067  
0.575

-0.742

31



153747

16 89.55

-38 23

-1441

Gold

— 500

+0.0002 +0.005 +TC

+002

+001 +009

1.015

10.245

E(1.015) ~~1.015~~ 0.075

0.094 0.164 1.034 2.865

11.35  
6.05

0.090

0.079 0.168 1.031 2.865

845

13

32

17.000  
-38.400  
2.000  
9.000  
6.050  
162  
0.000

5.7  
135

5.88  
147.91

-0.161  
-0.155  
-0.975  
-7.830  
-1.270

-1  
45

0.592  
0.775  
-0.222  
37.443  
6.072

-0.789  
0.613  
0.033  
20.294  
3.291

43

32

$$-0010 \pm 3.5 \quad -0.26 \pm 2.8$$

$$-0005 \quad -0.27$$

153834 16 58.9 +22 42 5.7 gK3 +11.36

22948  
9510

51.346 1903.3 +22 42 16.00 1904.3

$$\begin{array}{r} 51.346 \\ 047 \\ \hline 51.393 \end{array}$$

$$\begin{array}{r} 51.368 \\ 9 \\ \hline 51.377 \end{array}$$

$$\begin{array}{r} 51.370 \\ +3 \\ \hline 51.373 \\ 375 \\ \hline 51.748 \\ -018 \end{array}$$

35.7

$$\begin{array}{r} 17.29 \\ 41.19 \\ \hline 16.54 \end{array}$$

$$\begin{array}{r} 16.54 \\ -5 \\ \hline 16.49 \end{array}$$

$$\begin{array}{r} 16.53 \\ -21 \\ \hline 16.32 \\ 16.40 \\ \hline 16.89 \end{array}$$

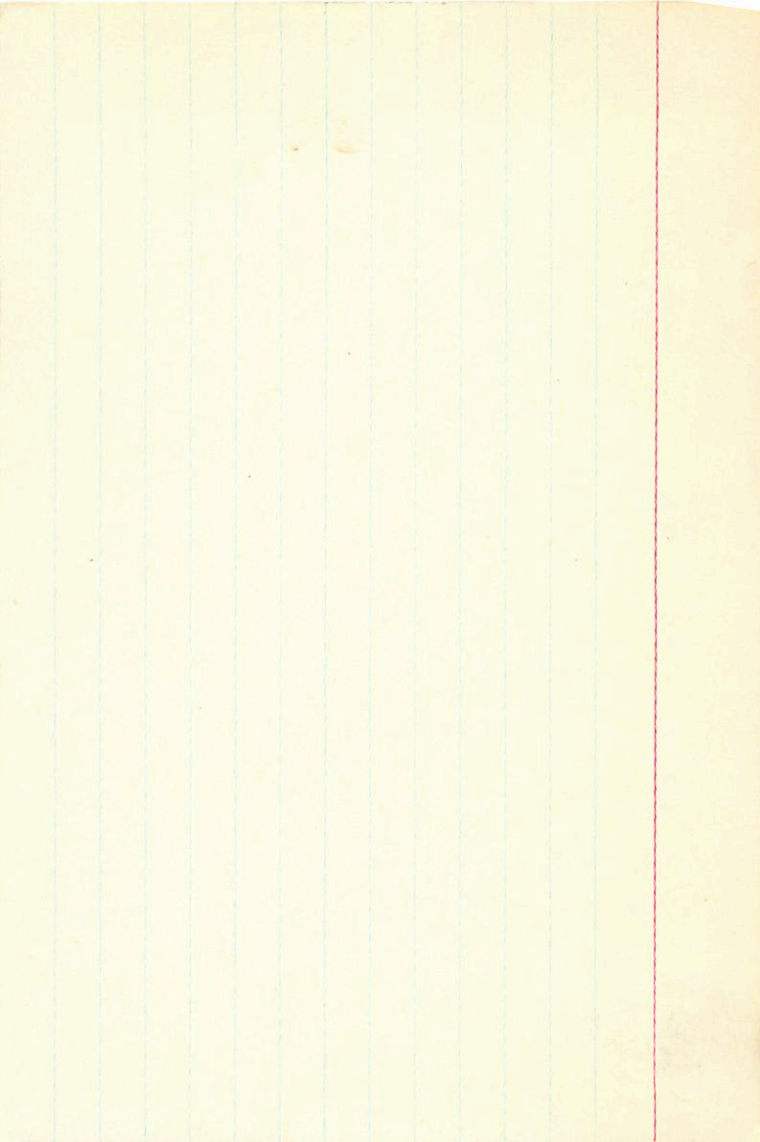
1934.7

1939.21

1391

37.0

32.7



240ph

153727

16 58.9 -18 49 6.49 120 +43.28

22951

-0022<sup>36</sup> -020<sup>36</sup> M30

120<sup>IV</sup> +47.7 (5A)

9811

-0026 ± 1.9 -021 ± 1.8 GC → M30

-0024

-034 -0205

-034 -019

27

AUTO START  
FAILED  
CARTRIDGE OUT

17.000  
-18.000  
-36.000  
-19.000  
6.000  
150  
43.200  
  
-0.161  
0.180  
-0.970  
9.782  
-40.366  
  
0.592  
0.804  
0.051  
-168.114  
-24.436  
  
-0.789  
0.567  
0.237  
76.465  
22.336

27





RAD. VEL. : 12.200  
 MODULUS : 128  
 DISTANCE : 8.000  
 PM. DEC. : -23.000  
 PM. R.A. : 18.000  
 DEC. : 21.000  
 R.A. : 17.000

U : -40.374  
 UB : -202.227  
 P3 (U) : -0.222  
 P2 (U) : 0.722  
 P1 (U) : -0.121

V : -0.222  
 VB : -20.484  
 P3 (V) : 0.220  
 P2 (V) : 0.272  
 P1 (V) : 0.222

W : -14.102  
 WB : -132.211  
 P3 (W) : 0.247  
 P2 (W) : 0.278  
 P1 (W) : -0.782

2  
 5

R.A. : 17.000  
DEC. : 21.600  
PM. R.A. : 18.000  
PM. DEC. : -53.000  
DISTANCE : 6.000  
MODULUS : 158  
RAD. VEL. : 12.600

q1 (U) : -0.161  
q2 (U) : 0.766  
q3 (U) : -0.622  
dU : -205.297  
U : -40.374

q1 (V) : 0.592  
q2 (V) : 0.579  
q3 (V) : 0.560  
dV : -98.484  
V : -8.553

28  
q1 (W) : -0.789  
q2 (W) : 0.278  
q3 (W) : 0.547  
dW : -132.511  
W : -14.105