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Agg 1993 Mon PAS 77, 155

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-35.000*

44
-35 0.040*

52 -0.037*

8.500*

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-0.064

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-9.495

-0.231

-0.444

-142.091

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-0.731

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7038-036

46.5

25675.000*

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1.400*

-24.000*

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0.042*

-0.035*

8.500*

501.187

46.500

-0.053

0.519

-2.553

-0.232

-0.444

-136.793

0.103

-0.731

17.672

19

R. A. : 4.000
 DEC. : -24.400
 R. A. : 10.750
 DEC. : -25.790
 DISTANCE : 8.000
 PERIOD : 398
 VELOCITY : 46.500

1 (U) : 0.378
 2 (U) : 0.766
 3 (U) : 0.519
 dU : -76.134
 U : -6.172

117

1 (V) : -0.652
 2 (V) : 0.619
 3 (V) : -0.438
 dV : -105.889
 V : -62.541

114

110.5

1 (W) : 0.657
 2 (W) : 0.172
 3 (W) : -0.734
 dW : 9.409
 W : -30.373

116

119

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25945

4 03/6 -27 47

F128

01841 0452 5.57 10.32 F05

25945

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+0149

+094 N30

+198 1103 60

2350
4938

+0150 ±2.5 +101 ±2.9 60 → N30

+198 +094 N

+200 1103

20% 5 095.2

+23
95
30 1025

+198 1000

1.58 +0.31 +1.55 2 399

19

+01587 +1013 N3 50

01536 0994

3.75

7970 9678 2211

1650 6467 -0581

0.2038

0.207 1097

+66.4 66.15
+60.7 82.10
62.3 028

874 487 -466 485 +158 +100⁰⁹⁷ +135 -045 -30407

-123 099 096-022 -215²²⁵ 479⁰⁹⁷ 5-6.2 +220⁴ +49.1 025

$$\boxed{+56 -41 -18}$$

0.3 620 -25
1.7 -345 -120
-311 -115 -25

-1.2 +76.9 -133 025

$$\boxed{+59.4 -44.1 -15.4}$$

-01 65.7 -6.2
-0.6 -33.5 -10.0
1.0 -12.2 -6.2

1.3⁶ +77^{0.4} -16.0 03

$$\boxed{+52.4 -41.5 -26}$$

+4 +67 -15 032

$$\boxed{+52 -39 -21}$$



559 120 1095 5N

25948

HR1275

AL4938

4 3.6

-27 48

FOI

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5.58 + 0.33 (-0.2) L

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5.59 209 155 700 2722

5.60 .224 .149 .697 2.723 (2) 23,5,1,2,3

.207 1.153 .733 (3) 599 3,6,8 -

.213 .152 .710 2.722

220

[m] 1190 425

[L] 671 141

166

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+1.6

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+63 -47 -15

+ 745

+ 0149

+ 63.5

+7 -4 +7/10m

+ 97

364

68.5
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RAD. VEL. : 63.888
 MODULE : 48
 DISTANCE : 0.888
 PM. DEC. : 32.888
 PM. R.A. : 291.888
 DEC. : -27.888
 R.A. : 4.888

P1 (U) : 0.368
 P2 (U) : 0.778
 P3 (U) : 0.477
 P4 : 712.888
 P5 : 28.788

P1 (U) : -0.888
 P2 (U) : 0.888
 P3 (U) : -0.488
 P4 : -394.888
 P5 : -45.188

P1 (W) : 0.888
 P2 (W) : 0.188
 P3 (W) : -0.788
 P4 : 788.788
 P5 : -18.888

50

R.A.	:	4.050
DEC.	:	-27.800
PM. R.A.	:	231.000
PM. DEC.	:	95.000
DISTANCE	:	3.000
MODULUS	:	40
RAD. VEL.	:	63.500

q1 (U)	:	0.368
q2 (U)	:	0.798
q3 (U)	:	0.477
dU	:	715.835
U	:	58.789

q1 (V)	:	-0.650
q2 (V)	:	0.588
q3 (V)	:	-0.482
dV	:	-364.884
V	:	-45.125

q1 (W)	:	0.665
q2 (W)	:	0.13
q3 (W)	:	-0.73
dW	:	703.78
W	:	-18.65

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26298

4 02.5 -14 40

+82 R

8.14 + 0.34 - 0.05

S = 09

Md 528

+24
58
-44
+14

+014 +1824

428

30 +181

79.4

279

+354	+792	+513	+0723	+6709	+7432	+59.0	+42.0	+99.0
-647	+402	-468	-1322	+5165	+3843	+30.4	-38.3	-7.9
+675	+166	-720	+1379	+1424	+2803	+22.2	-59.0	-36.8

875 485 -292 856 1014 +182 +82 ~~520~~ -24 825

-012 046 006 -025 -175 246 +38 +64 014

2 76 16

12 -39 26

-22 -14 16

+26 +87 +35
+94 -1 -20

+22 +97 +51

011

+106 +8 -10

+280 24
11 -41 -34
-14 -15 24

2015

2012

14E

6KE

14E-181

14E

14E

ALCO 417

① 08E 004 955 178

0014 2702

05724

13 01.9

5857 145-77.8

214 2.5- 0622 190 6

2015

R.A. : 4.100
DEC. : -52.700
R.A. : 249.000
DEC. : -241.000
STANCE : 2.120
MODULUS : 27
VEL. : 70.200

q1 (U) : 0.358
q2 (U) : 0.929
q3 (U) : 0.100
dU : -805.000
U : -14.383

q1 (V) : -0.648
q2 (V) : 0.323
q3 (V) : -0.698
dV : -832.846
V : -70.523

q1 (W) : 0.673
q2 (W) : -0.182
q3 (W) : -0.717
dW : 689.094
W : -32.059

21

21

7.6

26298
-160743

4 6.9 -16 32
8.14 +0.34 -0.05 F2ZR
Σ = .09

+8.9R ± 1.0 (4)

6 51.348
2 16.200
4 35.148
0.52
0.96

32 0.33
7 54.50
39 55.22
4.22
18.91
50.05
-20
57.21

+97 -2 -30 .015
+120 +14 -14 .010
.114

+044 ± 11 +182 ± 8
+ 8
0.97 181

(933.5)

-284 559

2626F

4 069 -16 32

F-2E

+81.9

9.M+34-05

+049 +192 Y 20

30 170 W 22

W.D

+040 +176

Dr. J. S. G.
S. S. G. S. S. G.



20



26298.000*

4.000*

6.900*

-16.000*

-32.000*

0.040*

0.176*

6.000*

10682

158.469

81.900

0.644

0.630

161

153.624

0.434

-0.358

22

44

38.620

0.25

26581 of 1/14 + 58 29
426854 8-16 635 268-95
911651 62 598 865 97

500 315 500
911651

42244

1.85
1.85

4 10.5 -0.5 45

84644

42
145

08+087

7683

659 76

181

808 1060 422-183318 205

423

651689

8.68

640

151

206
206

64
8464

5.1
3787
-225
688

23



4.500
-5.750
683.000
130.600
4.230
70
297.800

0.337
0.562

0.275 154

FA-26/27

27372

+130662

140" Suspendin

Carrying

+1055 -213

084-181

8718
-41360
-18160
6

4 16.9 + 14 0.9 67 11

-17.14
-19.1 Shuffie

5 -18.1

+6054 -194 GC

+10070 -215 new(2)

+040 -209 Yalc → GC

+0061 -211 F1V4

+0885

+040 -213

9996 4587
0280 -8886

7.52 +100 +0.815 (8)

7.11 +0.365 (3)

13.15 +1.35 +1.24 (3)

12.40 +0.72 (4)

16.6802

2.25

4.748

5 subtracted

2.9

6.615 (49) MS

24

RAD. VEL : -18.100
MODULES : 288
DISTANCE : 2.000
PRT. DEC : 2.0.000
PRT. RES : 07.000
DEC : 11.170
P. A. : 4.250

U : -44.00
DU : -140.74
D3 (U) : 0.00
D2 (U) : 0.07
D1 (U) : 0.00

D3 (U) : 0.0
D2 (U) : 0.7
D1 (U) : -0.0

U : -44.00
DU : -140.74

U : -44.00
DU : -140.74
D3 (U) : 0.0
D2 (U) : 0.7
D1 (U) : -0.0

R.A. : 4.250
 DEC. : 14.150
 PM. R.A. : 87.000
 PM. DEC. : -213.000
 DISTANCE : 6.500
 MODULUS : 200
 RAD. VEL. : -18.100

q1 (U) : 0.32
 q2 (U) : 0.27
 q3 (U) : 0.90
 dU : -142.54
 U : -44.83

q1 (V) : -0.6
 q2 (V) : 0.7
 q3 (V) : 0.0

4.45
 -27.5
 -801
 163

24

dV : %-1031.198
 V : -205.782

q1 (W) : 0.695
 q2 (W) : 0.581
 q3 (W) : -0.423
 dW : -309.108
 W : -54.011

4 16.9 +14 09

H027372 7.52 +1.01 +0.82 2 100 gK1 (+0.04) +2.8

G83-5 13.18 +1.36 +1.24 2 100 - 210" - (+8.5.)

u Hi val out
v w

-3 -87 -16

132
55

(+0.84)

+0052 -167 G6 + M30 P = -17.1

+0061 -218 new stat.

+0058 -201

118 po.

167
406
603

+319 +270 +508	+1270 -2572	-1302	-31	-15.2
-640 +769 -34	-2548 -7326	-9874	-116	+0.6
+659 +580 -418	+2783 -5526	-2743	-25	+7.1

+0052+33 -046±3.2
 +0047 -035
 +0059 -033

27588 4 17.7 -44 23 5.1 N2 +23.53

66
 run
 +0056-043
 +0051-031
 +0053-036
 ↓
 '063

435 314 495
 1905 94 2895

5250 41.594 1902.2 -44 23 12.96
 +2.35
 10.58
 12.25 1940.74

+2.35
 10.58

474
 364
 28204
 142704

41.587
 -10
 477 1129
 41789 4444 109472
 1310

+13
 12.112

97.07
 48.5

41.672
 -20
 652
 564
 5119
 +2.2
 1955.60

12.54 1936.33

12.54
 12.54

48.7
 46.5

50.01
 55.4
 33
 143
 44.8

-5446.0
 -28.6-15.3
 +19.6-16.8

+0912 -1550 -0606
 -1905 -0640 2545
 +2095 +0070 +2155

314 912 258
 -638 406 -652
 700 -041 -712

25

VEL.	315
MODULUS	23.500
DISTANCE	20.0
PM. DEC.	4.100
PM. R.A.	-34.000
DEC.	25.000
R.A.	44.400
	4.300

R.A. :	4.300
DEC. :	-44.400
PM. R.A. :	95.000
PM. DEC. :	-34.000
DISTANCE :	4.100
MODULUS :	66.16
VEL. :	23.500
	0.315

R.A. : 4.218
DEC : -44.48
M. R.A. : 25.08
M. DEC. : -37.843
DISTANCE : 4.46
MODULUS : 28
PD. VEL. : 28.28

D1 (U) : 0.816
D2 (U) : 0.812
D3 (U) : 0.843
D4 : -27.224
U : 1.419

D1 (U) : -0.039
D2 (U) : 0.396
D3 (U) : -0.298
D4 : -27.228
U : -32.288

D1 (U) : 0.703
D2 (U) : -0.021
D3 (U) : -0.718
D4 : 28.403
U : 1.482

2

R.A. : 4.300
 DEC. : -44.400
 M. R.A. : 97.000
 M. DEC. : -37.000
 DISTANCE : 4.400
 MODULUS : 76
 AD. VEL. : 23.500

q1 (U) : 0.315
 q2 (U) : 0.917
 q3 (U) : 0.245
 dU : -57.224
 U : 1.419

q1 (V) : -0.639
 q2 (V) : 0.396
 q3 (V) : -0.660
 dV : -279.235
 V : -36.688

q1 (W) : 0.702
 q2 (W) : -0.051
 q3 (W) : -0.710
 dW : 239.633
 W : 1.485

25

B +1048-026

27601 F88

100

-30 27

255

1364

17.7

-47 23 110

27588

97

-37.40

93

15250

+23.5

-44.4

98522

+23.5

95

1012-925 152-11F

5.34 +1.08 +0.98 4

5.34 +1.08 +0.92 2

5.34 +1.08 +0.95 6E

41

+23.5

10064-037 (ambly)

7.82 +0.385 2 F

+1058-035

1064-037 (ambly)

8.68 +0.555 -0.02 5

+10594-034

10054-040 stay

4

10637
1068-034

10057-037

1065-035

10611

8426

210505

31176

26

Handwritten notes on a piece of aged paper, possibly a receipt or ledger entry. The text is extremely faint and illegible, appearing as light smudges and ghosting of characters. Some faint traces of numbers and possibly names or dates are visible, but they cannot be transcribed accurately.

1364.000*

4.000*

17.700*

-44.000*

-23.000*

0.065*

-0.039*

4.000*

64.8 63.096 64.56

23.500

-0.072

0.245

41.5

1.220

-0.270

-0.659

-20.2

-32.536

0.226

-0.711

4.1

-2.470

0154
3.68

26

22584

4 18.3 -21

27

+116

-21812 ✓

$$+050 - \cancel{025} \quad \checkmark$$

$$+8 +10$$

$$+058 - 015$$

$$+053 - 017 \quad \checkmark$$

$$\boxed{+056 - 020}$$

+60

-20

6.4

+116

JK

+060-071 31924 9.06 0485 +0060-071 3W
+310769 4 20.0 +32.05 2.5 486 +75.98

5986
8047

R-V 611 58
+ 32 4 43.9 1929.9

2534
241 432
241 498 2.6R
382 171 58.67

224 350 159 420 2005 655 2014
+076-071
+072-074 A68
+074-073
+074-075
+359
67
-71
5.50
+199

10045-071
10046-071
10047-071
10048-071
10049-071
10050-071
10051-071
10052-071
10053-071
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10063-071
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10066-071
10067-071
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10072-071
10073-071
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10076-071
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10082-071
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10095-071
10096-071
10097-071
10098-071
10099-071
10100-071

28



33
 2007
 587

54.4

15.4

old
 75
 75
 75

160-5904
 160-5971
 0054-2071

4,320	:	A.
32,100	:	EC.
27,000	:	A.
-71,000	:	EC.
2,200	:	NCE
128	:	PLUS
29,200	:	EL.
200,0	:	(U)
-0,020	:	(U)
220,0	:	(U)
148,000	:	UB
212,78	:	U
000,0-	:	(V)
007,0	:	(V)
202,0	:	(V)
000,014-	:	UB
000,00-	:	V
007,0	:	WB
070,0	:	WB
000,0-	:	WB
000,00-	:	WB
-21,127	:	M

[Handwritten signature]

R.A. : 4.350
DEC. : 32.100
R.A. : 67.000
DEC. : -71.000
DISTANCE : 5.500
MODULUS : 126
VEL. : 79.900

1 (U) : 0.305
2 (U) : -0.026
3 (U) : 0.952
dU : 90.841
U : 87.512

1 (V) : -0.636
2 (V) : 0.738
3 (V) : 0.224
dV : -419.628
V : -34.933

1 (W) : 0.709
2 (W) : 0.674
3 (W) : -0.208
dW : -36.000
W : -21.157



28331

4 23.4 1.3 25

F5W63

28327

Stony 6 seed yield 63/5, 4220 yield 61.
Standard?

011 012 Take

8037 4024

13

11

4.45

1040
4018

4020

283 4054 440

29





G-34-22

4 796 + 36 02

- 7470

390 1600

1302 142

082-380

101

380

472

475

8.08
-45
-163.5
-69

30

4.500	P.A.
36.855	DEC.
181.880	PM. R.A.
-330.000	PM. DEC.
4.729	DISTANCE
88	MODULUS
-74.700	RAD. VEL.
0.375	P1 (U)
-0.809	P2 (U)
0.957	P3 (U)
529.640	P4
-48.680	P5

0.375	P1 (U)
-0.809	P2 (U)
0.957	P3 (U)

R.A.	:	4.500
DEC.	:	36.050
PM. R.A.	:	101.000
PM. DEC.	:	-330.000
DISTANCE	:	4.720
MODULUS	:	88
RAD. VEL.	:	-74.700
q1 (U)	:	0.272
q2 (U)	:	-0.099
q3 (U)	:	0.957
dU	:	259.640
U	:	-48.680

q1 (U)	:	-0.670
q2 (U)	:	

0640-1855

Remain

1457

4

330

+14

24

10517

5605

29139

0.86 +1.54 +1.92 J

0.00 +0.70 J

Arguably

+00444 -1779 W350
+1986

-0206 +0245 E
0.07 +0.685 A

0.00 +0.71 ^{FXS} _{FXS} $M_V = -0.75$

0.440 ^{FXS} _{FXS} $M_V = +0.2$ with 0.6m

-36
-55
-133
-24
-162

400452 -1888 FRY +541a

-50002
+00025
+00450
245
625

4065 -190
4065
4066-190

6667
-189.5
1.5
+54.1

$\pi_F = 0.48$ with 78

31

G-34-30

4 38.2 + 32 37

7311 (14)

300 1260

1342-1.51

243 - 176

288

176

342

1314

32

DEC. 31.100
DEC. 31.100
DEC. 31.100

STANCE : 3.250
VEL. : 31.100

P1 (V) : 8.250
P2 (V) : -0.045
P3 (V) : 0.047
U : 324.084
47.298

P1 (V) : 0.100
P2 (V) : 0.100
P3 (V) : 0.100
K-1047 834
-02.287

P1 (V) : 0.100
P2 (V) : 0.100
P3 (V) : 0.100

R.A. :
DEC. : 4.600
R.A. : 32.600
DEC. : 288.000
STANCE : -176.000
ODULUS : 3.620
VEL. : 53
31.100

q1 (U) :
q2 (U) : 0.250
q3 (U) : -0.045
dU : 0.967
U : 324.950
47.290

q1 (V) :
q2 (V) : -0.621
q3 (V) : 0.759
dV : 0.196
V : %-1347.534
-65.287

q1 (W) :
q2 (W) :

+180683
CC-303

4 39.9 +18 53 9.9 dm3 +296

2763

3676

+104

98±6

2-88 1-51 43 97

72

9.56 +1.51 Mumford

+71 -1.05 Rows

t.660

2500 V

$\left. \begin{matrix} 103 \pm 10 \\ 106 \pm 9 \end{matrix} \right\} \pm 500 \sqrt{}$

+2600 (14)

+26.0 (14)

+26.41 Wpppp

+25.1 (2)

W_{T+} -0.32

688
-125
0
+260

~~+26.0~~ (14)
~~+26.99~~ (14)
~~+25.1~~ (2)

(25.2)

4166.5
+189
692

-1076

D.0
+255

+33.4444
+21 Mc3

3

4 0.02

for -60 14

3/3

0

C884-83

4 39.9 + 37 42

45.5

150 151°

14.57 1.18

12-1-119

153

fish
6.9
9.9
9.1

34

Handwritten text, possibly bleed-through from the reverse side of the page. The text is mirrored and includes words such as "MAY 1968" and "MAY 1968".

R.A.	4.650
DEC.	37.700
M. R.A.	153.000
DEC.	-219.000
DISTANCE	6.550
MODULUS	204
AD. VEL.	45.500
91 (U)	0.239
72 (U)	-0.110
11)	

18431
25675

909

Q R E W
Y 01.4

+0403 23-444
+0 +0
-24 35

145#

7.27 + 4.53 + 4.65

+042-0305 Y → PKY 58
+037-0355 MA → 911 48
+0345-033 mm
+0015-032

10.7 550 → 5.79
1004/493

8.5

7.3V
5.7 + 130

21.84
197
21.684
16
18.18 - 200
63.522
21.672
066
682
018
897
700

14020
.651

8002
+0028

-030
-034
-2
-034

47.65
+18.7
45.87
47.01
46.86

1602.1
1930.8
1935.19

+038 -036
+3
+044 -38

5.64
52.8
16.7
36.1

55.88
9.45
45.90
-1.01

1935.19

+0028-034 62
-16027 -1
-035
+037
+3

5.67
52.9
16.63
3.47

82.1
1.28
1.4
1.4

46.91
+2.20
46.69

96

416
+14

442

46.79

186-38
8.5

+040 -037

03
46

2.3 8.9
1.55 1.31

457M. +038-036

+0092 -028

457M.

46.5

378 767 58

+0681-1369 | -0628 -28.7

-5 | +241

-652 618 -439

-1174 -1054 | -2228 -1018

-122 | -204

657 172-739

+1184 -0244 | +0890 +40.7

+7 | -34.1

Loggs 1993 Mon PAS 77, 155

5

205

210

148

642

148-151

148

1410

1480 417

① 1480 1410 1410

1410 1410

1410

1410

1410 1410

1410 1410

1410

4/25
52
100
+1

55
-4
-59.5
-41

21