

11407 1 54,9 +40 8)

+40,508

1127-087

Learning

167
87

6087 324 153 422 357

SD

9696 5615
2448 -5324

1663
-1.8
0271
284
+73

R.A. : 1.900
DEC. : 40.500
PM. R.A. : 167.000
PM. DEC. : -87.000
DISTANCE : 2.840
MODULUS : 37
RAD. VEL. : 7.300

q1 (U) : 0.735
q2 (U) : 0.059
q3 (U) : 0.675
dU : 418.104
U : 20.394

q1 (V) : -0.631
q2 (V) : 0.425
q3 (V) : 0.649
dV : -554.804
V : -15.777

q1 (W) : 0.248
q2 (W) : 0.903
q3 (W) : -0.349
dW : -223.047
W : -10.798

11907

1-8

~~0.127~~ 0.057 0.1663 - 1.8 + 7.3 - - FS X

11907 The vertical velocity is not covered with

11407 0.021 0.327 0.057 0.280 6.87 + 0.50 - - -

11907

Ob

Comments:

1/24/99

-10.46²

500229

~~AT~~ 7273-037
Sunday

7206422

Monday

2 13.8 -10 04

8001 9401 } 2255
5412-1407 } Fri
0548

1.32 ✓

34225

2090 1027 131 2761
1477 - 57 45 884-25

6774

386-12

Phi

Phi

9314 8484
~~3640 - 5377~~
 7109

~~0470 - 0310~~
 0457 - 0264

8440 9252
 5289 5746

15637 2 56.2 -55 13

[+0.7 +0.50]

6.74 216 182 773 2709

8116 8213
5742 8205

0884
+0.8
0113

(+17.5)

394

24496 0.226 -0.174 0.2840 +1.8 +22.8 +24.0 ~~0.442~~
 0.6

24496 0.000 ¹⁰¹⁸ 0.476 ¹⁰¹⁸ 0.400 ¹⁰¹⁸ 0.400 ¹⁰¹⁸ 0.400 ¹⁰¹⁸ 0.400 ¹⁰¹⁸ - -

24496 0.0683 - ^{15.55} +233 -17.6 -8.2 +12.9 +1.4 -6.5

24496

3 516 716 28

+24.2 - 14

716.527

664469

double

+226-774

6572 7537-

7325 6804

2840

+22.6

71.8

00683

0.83

234

174

0.83

+22.6

R.A. : 3.850
DEC. : 16.450
PM. R.A. : 234.000
PM. DEC. : -174.000
DISTANCE : 0.830
MODULUS : 15
RAD. VEL. : 22.600

q1 (U) : 0.409
q2 (U) : 0.245
q3 (U) : 0.879
dU : 233.403
U : 23.289

q1 (V) : -0.657
q2 (V) : 0.748
q3 (V) : 0.098
dV : %-1315.430
V : -17.069

q1 (W) : 0.633
q2 (W) : 0.618
q3 (W) : -0.466
dW : 164.250
W : -8.136

23
L.S.M.
Rennu Morgan

1577 Y 53.7 483 04 72 123 II

6929 254 +114 1.73 1.93

81358 2.69 +1.53 +1.78 J B01 +0.605 J(2)

E 105

1.63
1.82
5.10

105

5.95

+0.015

$M_V = -2.3$ cut 1

+00026 -0176 FRY +12.5a

0 -0.021

+00026 -0177

+00318

1.55
0.4
0.4
0.4

+031 -0.030

1577.000+

4.0000*

53.7000-

33.0000+

4.0000*

0.031+

-0.0200-

5.0000*

100.000

18.500

0.033

0.981

+21

21.445

-0.162

0.162

-17

-13.245

0.056

-0.108

+3

3.568

485
93.4

0035
-0179
0178
24

0036
7.09

0.57680 ***

0.73617 ***

-0.54862 ***

0.71641 ***

1612-0234
 8155 2501
 5798 -9664
 4
 3.88 +1.64 156
 59.06.03 -0.12
 1
 3 Nov
 1950 +13

6137 0048 3.5
 3004 0048 3.75 +103 +186
 111
 286 59
 3.02 +0.645
 2.78
 2.448

815
 80 +108

5.9

$M_0 = -2.2$
 0.08

100009 -0.017 FRY +12.86
 535
 157
 67

~~100014~~
~~98~~
~~0005~~
~~0011~~

10087-0214
 5766

PIAS

10042
 +0090
 +013 -023

8120
 9664

$\Delta m = 0.31$

1612.000*

4.000*

59.000*

41.000*

0.000*

0.013*

-0.023*

5.700*

138.038

12.800

0.032

0.966

16.763

-0.120

0.258

-13.210

-0.019

-0.007

-2.672

3 bym
 43-49
 6 17.5
 +0007 = 3.2
 +0008
 +61 47
 -112 = 2.8
 -121
 7.2 d f 2 + 7.88

8140

4018

30.421
 -044
 377
 1886.5
 +61
 47
 8.80
 1852.0

$$\frac{-00002}{377}$$

$$\frac{-001-120}{377}$$
 16.42

49.0

46.3
 -33.20
 13.27.0

11.448
 18.478
 30.930
 368
 32
 41

413

7168
 358
 538

30.340

10.89
 -6.468
 4.422

424

9.09
 -8.96

119

538

1188

$\frac{974}{2}$

487

$\frac{43212}{2}$

21606

$\frac{106901}{2}$

53450.5

313 Men

6 42.5 +12 5-7 +25.3a

2474

342 +0.42

-111 -195 GL

48737

90 194 N30

FST

-111 -194 030

4389

-0078 194 N30

-112 195

8823

-0078 50.9 1934.0

-111 195

10785 1909

-1148 -1420
RIS

10785 1911

01741

222

5383

-0.8

5731
566

1145

114 190

2487,000*

5,000*

42,500*

12,000*

57,000*

-3,115*

-0,193*

3,750*

14,125

25,000

-0,134

0,932

21,692 213

-0,554

-0,353

-15,264 153

-3,899

0,079

-13,713

204 214

175

113

134
~~122~~
~~88~~

2559 C 442 -80 45 A412

50506

8869

524
9676

9310
310

5.68 + 20 + 13 C

-003/ +055 Sky
+15005

1037

-009

-001 +056

14410

7023

4722

13
144
12
118

50078

647

BE 89K
-41.117

6 480 -41 22

-041102

~~8570~~
8570

-4716
8817

1078
-16
0.0323

2.4K

200V

2 43.5

+11 53

5.30 ATEm

~~60354~~
62437

APT6034

(16) +31

1021 +100 +57 -13 +1 +35 +20

00071 +34 +20

RRB

5442 - 7267
5044 - 6244

0834

10.45

00044

0.01

0284-0243

PNR

9 923
526

4180

10 37.3 -55 21

1172
Apr 73, 10:40 AM
checked in

-00219
+00449
+001
Field

7.6

E=104

3.86 + 3.5 4.30 + 1.03 + 0.78 ③

2.79 + 3.01

2.40

2.41

2.65

2.55

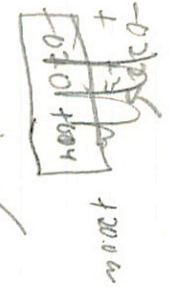
6.28 - 0.08 - 0.32 ④ 85

6.16

6.7

6.4

MV



+10
+10

-0025
-001

-0025
-003

8057 - 8982 - 01640
5324 - 0605 - 01640

-8147 2348

-0214

-020 + 001

-2.1

6.53 - 8214 2348

0050 6.58

7.2
275.4

4188.000+

13.000*
37.300*
-55.000*
-21.000*
-8.020*
0.004*

3272
- 48
3315

6.55 6.51
209.74 231

7.600*
331.131 064.15
29.000

5666
1864
1481
2185

+13
+15
-25
-6

9.089
-0.258

24.205
-3.025
-3.965

-27.610
-0.029
0.045

-3.754

4288 10 58.0 485 29 Fum

95310

15128

5.10 + 25 417 2533 -

41
21.5
11.0
11.0

2.463
3.411
3.003

145 194 1.007

(8) SRC

2.463 96.1
1.007 225 51.61 96.8

138
53.03

7060 - 027

7001 - 0277

7061

62580

(6.1)

51.17

11 994

9518

5109 031 - 3066

0931

601

0614

016

0706
070-021

0.6

408

R.A.	:	10.950
DEC.	:	39.500
R.A.	:	-91.000
DEC.	:	-21.000
RANCE	:	4.680
PLUS	:	86
VEL.	:	1.000
(U)	:	-0.858
(U)	:	0.263
(U)	:	0.441
DU	:	259.407
U	:	22.827
(V)	:	0.300
(V)	:	0.954
(V)	:	0.013
DU	:	-194.701
V	:	-16.789
(M)	:	0.417
(M)	:	-0.144
(M)	:	0.898
MP	:	-124.442
M	:	-9.842

4341 11 9.1 414 46 AS

972M

6.30 421

1538D

6884

116 201 840

282 (5)

(2)

SN

1284