

B216

17 23 45

-41

14

817
816

-404

-400

-402

-445 15 May 74

-405 17 May 74

8.14-897 95 Apr 70

8.14-405 10 " "

8.17

8.24 -855 20 Apr 74

8.16-405 1 Apr 81

8.17 -404 15 Apr 74

8.11-403 21 " "

8.10 -421 20 Apr 74

8.17-402 11 Apr 81

8.14 -404 21 Apr 74

8.16-896 14 " "

8.15 -908 18 Apr 74

8.12-890 15 " "

8.18 -905 19 Apr 74

8.16-903 19 Apr 77

8.18 -506 20 " "

8.14-504 26 Apr 77

8.15 -897 10 Apr 70

8.16-901 17 Apr 77

8.13 -884 11 Apr 70

8.16-502 18 Apr 77

8.14 -893 12 " "

8.12-407 19 Apr 77

8.15 -884 25 Apr 70

8.17-500 24 Apr 77

8.13 -893 8 May 70

8.14-895 15 Apr 77

-897 8.15 24 Apr 74

1316/17

17 00 55 - 5 01

2.08

-408

-407 7.06 15 Apr

2.09

-407

18 Mar 15 +076, -350 9.02 +072

2.08

-408

-409 15 Apr 78 +076 8.96 +039 9 Sep 80

-403 7.07 28 Apr 79 8.99 +073 8.99 +074 10 "

-410 7.13 20 July 79 9.00 +080

2.06

9.01

+077

-411 7.05 21 July 79 8.98 +080

6.41

110

24 Aug 81

9.02 +074

-400 7.12 18 July 79 9.01 +080

7.08

-416

10 Apr 81

9.02 +068

-408 7.08 19 Aug 79 9.00 +81

7.12

-405

11 Apr 81

9.05 +075

-411 7.08 20 " " 8.98 +71

7.04

-419

14 Apr 81

8.98 +074

-410 7.11 6 Oct 79 9.00 +69

7.06

-393

18 Apr 81

9.00 +081

10 July 80 9.04 +80

7.07

-417

14 July 81

9.02 +023

11 July 80 9.02 +76

7.05

-410

16 July 81

9.00 +069

12 " 9.01 +71

7.07

-411

17 July 81

9.01 +023

19 Aug 80 9.07 74

2.07

-411

18 July 81

9.02 +070

-419 9.46 10 July 80 8.98 +095 80

2.05

-416

19 Apr 81

8.99 +069

1310 8352 21 58 00 -4 25 11065
 16 54 18 -8 17 7.74 +273

7.76 274
 7.75 272

7.76 +268 20 Apr 79	7.75 +276 8 Sep 70	+272 7.75 24 Aug 71
7.77 +259 15 Jun 79	7.72 +263 9 "	+273 7.76 15 Aug 72
7.72 +270 20 Aug 79	7.73 +269 10 "	+268 7.75 29 Apr 79
7.74 +268 21 Aug 79	7.78 +276 10 Apr 75	
7.75 +276 18 Aug 74	7.81 +273 11 Apr 77	
7.74 +278 19 "	7.73 +271 14 Apr 71	
7.74 +275 20 "	7.77 +271 14 Apr 71	
7.73 +274 7 Oct 79 16 "	7.79 +273 19 Aug 71	
7.81 +271 10 July 80	7.77 +271 16 Aug 71	
7.80 +263 11 "	7.78 +266 17 Aug 71	
7.73 +268 12 " "	7.74 +274 18 Aug 71	
7.78 +276 9 Aug 70	7.75 +267 19 Aug 71	

180359

2

03

40

17

43

900

+203

+102

+196 9.00	18 Aug 74	+202 9.04 22 Nov 70	+201 9.01 28 Dec 71
+197 9.01	19 Aug 74	+207 9.01 6 Dec 70	+201 8.56 12 Jan 72
+212 9.00	20 Oct 74	" +196 8.99 7 " "	+193 9.00 13 Jan 72
+193 8.99	5 Dec 74	+212 9.01 8 Jan 71	+197 8.92 15 Apr 72
+195 9.06	18 " "	+207 9.04 9 " "	+202 8.97 26 Dec 72
+209 9.00	20 " "	+194 9.00 28 Jan 71	+199 9.00 29 Jan 72
+201 8.96	24 Jan 70	+190 9.00 14 Mar 71	+204 9.02 20 Jan 73
+202 9.00	25 " "	+206 9.04 16 Apr 71	+204 9.07 18 Jan 73
+203 8.98	8 Sep 70	+201 9.00 17 Apr 71	+195 8.96 17 Apr 73
+211 9.02	9 " "	+207 9.01 5 Oct 71	+207 9.04 3 Apr 73
+206 8.99	10 " "	+202 8.98 20 Oct 71	+204 9.01 9 Oct 73
+204 9.06	20 Nov 70	+197 9.07 30 Nov 71	+202 9.09 5 Jan 74
+213 9.04	21	+202 9.00 27 Dec 71	+196 8.93 24 Apr 74

- 67439

40

2 37.5 +34 07

1186 +142
1305 +144

+2860 +356

8553	9727	2865
5741	-2320	0317

0.0227

+43

0349

2.24

den 2287

2509

6

44.9

-20

57

88

Den

2509

0

6.08 - 67

20.1.9

103 313

2681 2.5

83 324

145

492

6.75

ward

6.75

-21

-23.9

41.2

7.0

41

2.3.4

$$\begin{array}{r}
 0009 \pm 0.2 \\
 +003 \pm 0.5 \\
 \hline
 +002 \\
 +008 \\
 \hline
 +010
 \end{array}$$

$$\begin{array}{r}
 0012 \\
 0020 \\
 \hline
 0032
 \end{array}$$

$$\begin{array}{r}
 52.957 \\
 0.8 \\
 \hline
 53.757
 \end{array}$$

$$\begin{array}{r}
 0.37 \\
 9.94 \\
 \hline
 10.31
 \end{array}$$

$$\begin{array}{r}
 0014 \\
 0014 \\
 \hline
 0028
 \end{array}$$

$$\begin{array}{r}
 42.843 \\
 2.7 \\
 \hline
 45.543
 \end{array}$$

$$\begin{array}{r}
 70.83 \\
 20.74 \\
 \hline
 91.57
 \end{array}$$

$$\begin{array}{r}
 35.53 \\
 0 \\
 \hline
 35.53
 \end{array}$$

$$\begin{array}{r}
 -0012 \\
 -00153 \\
 \hline
 -00265
 \end{array}$$

$$\begin{array}{r}
 2.7223 \\
 2.5121 \\
 \hline
 5.2344
 \end{array}$$

$$\begin{array}{r}
 41.89 \\
 \hline
 41.89
 \end{array}$$

$$\begin{array}{r}
 52.534 \\
 5.514 \\
 \hline
 58.048
 \end{array}$$

$$\begin{array}{r}
 87.50 \\
 38.63 \\
 \hline
 126.13
 \end{array}$$

$$\begin{array}{r}
 4.222 \\
 52.942 \\
 \hline
 57.164
 \end{array}$$

$$\begin{array}{r}
 36.13 \\
 1.5 \\
 \hline
 37.63
 \end{array}$$

$$\begin{array}{r}
 546 \\
 114 \\
 \hline
 660
 \end{array}$$

$$\begin{array}{r}
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 5.571 \\
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 5.571 \\
 3.626 \\
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 9.197
 \end{array}$$

$$\begin{array}{r}
 5.571 \\
 3.626 \\
 \hline
 9.197
 \end{array}$$

R.A. : 6.750
DEC. : -21.000
PM. R.A. : -23.900
PM. DEC. : 1.200
DISTANCE : 7.000
MODULUS : 251
RAD. VEL. : 15.000

q1 (U) : -0.236
q2 (U) : 0.753
q3 (U) : 0.614
dU : 29.242
U : ~~40.4~~ 16.550

q1 (V) : -0.395
q2 (V) : 0.502
q3 (V) : -0.769
dV : 44.676
V : ~~110.1~~ -0.312

q1 (W) : 0.888
q2 (W) : 0.424
q3 (W) : -0.179
dW : -91.470
W : -25.667

45-45 > 10 19.88

$$A = 0.100 - 0.088(45-45 \sim 1)$$

$$L1 + 0.100$$

4# 1195

-2.4003

9.28 0.292

G151-46

15 18 24 -07 89

0.2497 6.20 ③ 1451



+0.435

77236

9

00 00

-02

25

6.97

-460

-450 15 May 75

-453 6.99 11 Apr 75

6.97

-460

6.96 -465 20 Apr 75

-465 6.93 14 Apr 75

6.96 -465 15 Jan 79

-463 6.93 18 Apr 75

-465 6.89 13 Jan 83

7.01 -465 17 Jan 79

-461 6.96 19 " "

-465 6.97 17 Jan 83

7.00 -460 27 May 79 16 "

-466 6.92 30 Nov 75

-466 6.95 11 Apr 83

6.96 -466 21 Jan 79 " "

-465 6.94 27 Dec 75

-464 6.93 31 Apr 83

-456 17 May 75

-459 6.94 28 " "

-463 7.00 15 Apr 83

6.95 -463 22 Jan 80 "

-471 6.93 12 Jan 75

-466 6.93 17 Mar 83

6.97 -457 23 " "

-461 6.96 13 Jan 75

-464 6.95 24 Apr 84

6.94 -451 24 " "

-473 6.92 6 Dec 82

-460 6.96 24 Apr 75

6.99 -472 25 " "

-473 6.95 20 Dec 82

6.97 -457 1 Apr 81

-470 6.93 19 Mar 75

6.96 -457 2 Apr 81

-462 6.94 19 Apr 80

6.93 -466 10 Apr 75

-463 6.93 10 Jan 83

+4.3561

1.396 1.888 -309
17 56 50

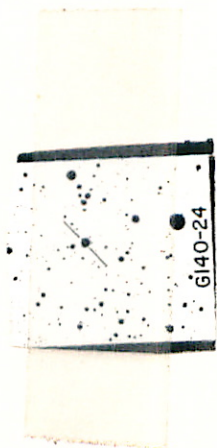
+04 35

8008 1.260 12
MSTV

P. 10. 10. 10. 10.

G140-24

9.14 1.74



13116/17 155' SE

208 - 0.408

4042376

1480

17 04 00 - 05 02

9.02 + 0.075

17 2000

1386.8 1316 17 04 25.1 - 05 02 01

17 05 07 - 05 06 30

~~1317 17 04 29.3 - 05 06 18~~

206 - 408

1310

1311 32 NE

8.435

16 54 25 - 8 17

2.75 0.72

W.20

1310	1380.8	16	5-4	44.3	-0.8	15	10
1311	1486.6	16	5-4	45.6	-0.8	17	20

4.74

7.22 2.72 0.72

10.27 4.48

83 of Men

7 50.4 +24 54 +8.00

3067

64145

5242

10653

-035.2 -031.7

7705

4.95 +0.10 +0.05 A30

69

-0030 -033 N30

-0025 7.0 -036 7.0 GL → N30

-031 -036 GL

-040 -033 N

-037 -035 R

-036 -035

4858

8742

-7552 } 0470
-6520 } 0007

987-462-452 992-036-035+8.0-016+4-147

032-014 017007 118 147 +7.1 +3 +6

+2 +13-3

~~+10-4-010~~
+10-7-5

110

22

-17070

482 919 533

2746

Nov

28.7

-17 04

4-56

P.460

R₄

0

30

849 D.74

-10.5 (10)

G.5

+~~4046~~ 037

-36

93

+0221 5046

+025-044 y

+018-041

+014-042

+0044-048 W

+0009-043

26 →

1011-047

-005-041

Carbonyl

-7

-41

8.8

-40.5

-007-041

R.A. : 0.450
DEC. : -17.050
l. R.A. : -7.000
l. DEC. : -61.000
STANCE : 8.800
MODULUS : 575
). VEL. : -60.600

q1 (U) : 0.859
q2 (U) : 0.512
q3 (U) : 0.020
dU : -175.246
U : -102.050

q1 (V) : -0.505
q2 (V) : 0.840
q3 (V) : 0.199
dV : -226.800
V : -142.562

q1 (W) : -0.085
q2 (W) : 0.181
q3 (W) : -0.980
dW : -49.594
W : 30.839

+13

+131

9.10

-117

-141.4

f26

173526

18 45 -10 20 65.56

1350

520 328

8.34 940 533 324 -914

7.64 546 ~~520.328~~

1427 11004 344

127

1367 9169

120457

18 22.4 -23.17

8858/0

1349 0
128

6.48 966441301

-980

1325 926

624 632

334

11887 967 863

540

1401 974 354

(112)

221

122

1331 930/250300 309072240

1321 923

1374 961 368

102

10000

1

345

-25

16

= 134

25.60

4030 + 011 =

+1 + 13

+31 + 24

+33 + 24

1270 1028 308

$\boxed{+35 + 20 =}$ 39

20

58

136

R.A. : 1.600
DEC. : -25.250
. R.A. : 39.000
. DEC. : 20.000
STANCE : 5.800
ODULUS : 145
. VEL. : -13.600

q1 (U) : 0.770
q2 (U) : 0.615
q3 (U) : 0.170
dU : 187.042
U : 24.722 59

q1 (V) : -0.612
q2 (V) : 0.787
q3 (V) : -0.076
dV : -27.656
V : -2.962 8.2

q1 (W) : 0.181
q2 (W) : 0.045
q3 (W) : -0.982
dW : 34.537
W : 18.354

~~AA kind~~

23

~~410~~

~~292~~

~~44~~

⑧ 88-

20.7 1.02 90 00 06

6-31-96

45.0-

18.91

9.92 0.91 062

9.90 873 387 150

2

2268-58

12.02 71.09

12.50 70.50 12.20 78

3505

8

53

00

-05

21

8

53

36.3

-05

22

44

(1986.5)

6.02 -300 940 -475 2.135 12, 20

6.02 -302 942 -478 2.136 22

6.02 -301 941 -477 2.136

6.02-303 954 -478 2.135 18 Mar 85

6.01-315 957 -477 2.139 19 "

6.01-306 949 -483 2.137 20 "

6.03-302 940 -478 2.140 7 June 85

6.03-295 938 -483 2.148 8 "

6.44 1236 -514 2.272 June 86

6.43 1237 -513 2.272 21 86

~~6.44 -311 952 -477~~

6.00 -316 952 -470 2.141 25 Mar 85

6.02 -307 939 -460 2.137 26 "

6.01 -306 951 -470 2.142 27 Mar 85

6.43 -300 925 -449 2.132 28

6.02 -305 947 -471 2.133 14 Mar 85

6.03 -305 951 -474 2.137 15 "

6.02 -303 948 -490 2.136 16 "

6.04 -298 957 -506 2.140 17 "

6797-57

up 244 + 44 248

+ 104 (40)

444.88

444 100, 100