

4002) 3.42 -102 0.77 114 2.620  
2.41 2.11  
7.1 1.34 134 2.55

4002) 3.42 -102 0.77 114 2.620  
2.41 2.11  
7.1 1.34 134 2.55

-102  
B 7.89 +0.58 213 84) 2.856  
7.89  
+1.34  
-----  
5.56  
E 4.015  
1.34 2.620  
4.015  
14.3055 9.33 +343 157 448 2.632  
14.3055 9.33 +343 157 448 2.632  
4.015  
-----  
5.56

140.882

15 46 40 46 41 241-141.471

④④

16.4  
8-11

245 + 268 = 511 560 8 AND 61  
247 + 261 = 531 546 1000 82 (6)  
246 + 265 = 521 553 (5)

1 R R R  
104  
hour

104

6.1.2 10.541 141.472  
[ 847 + 0.679 ] 254952

1412417 ✓✓ / 15 47 10 -04 44 7.4 -68

Afán

8.11 -314 985 -451 2.137 1144 74  
8.10 -324 950 -453 2.158 1144 54  
9.10 310 915 -638 2.138 12  
8.12 315 976 -445 2.138 ②

142591 15 3855 -71 52 62 4

(+) (+)

(547)

847 + 77 - 113

851 225 926 -355 2128 27m54  
841 221 922 -364 0143 + 5 43  
854 238 922 359 2124 41 55 11  
850 227 925 -360 2135  
850 230 927 361 2132 41 61

11M

(+) (+) (X)

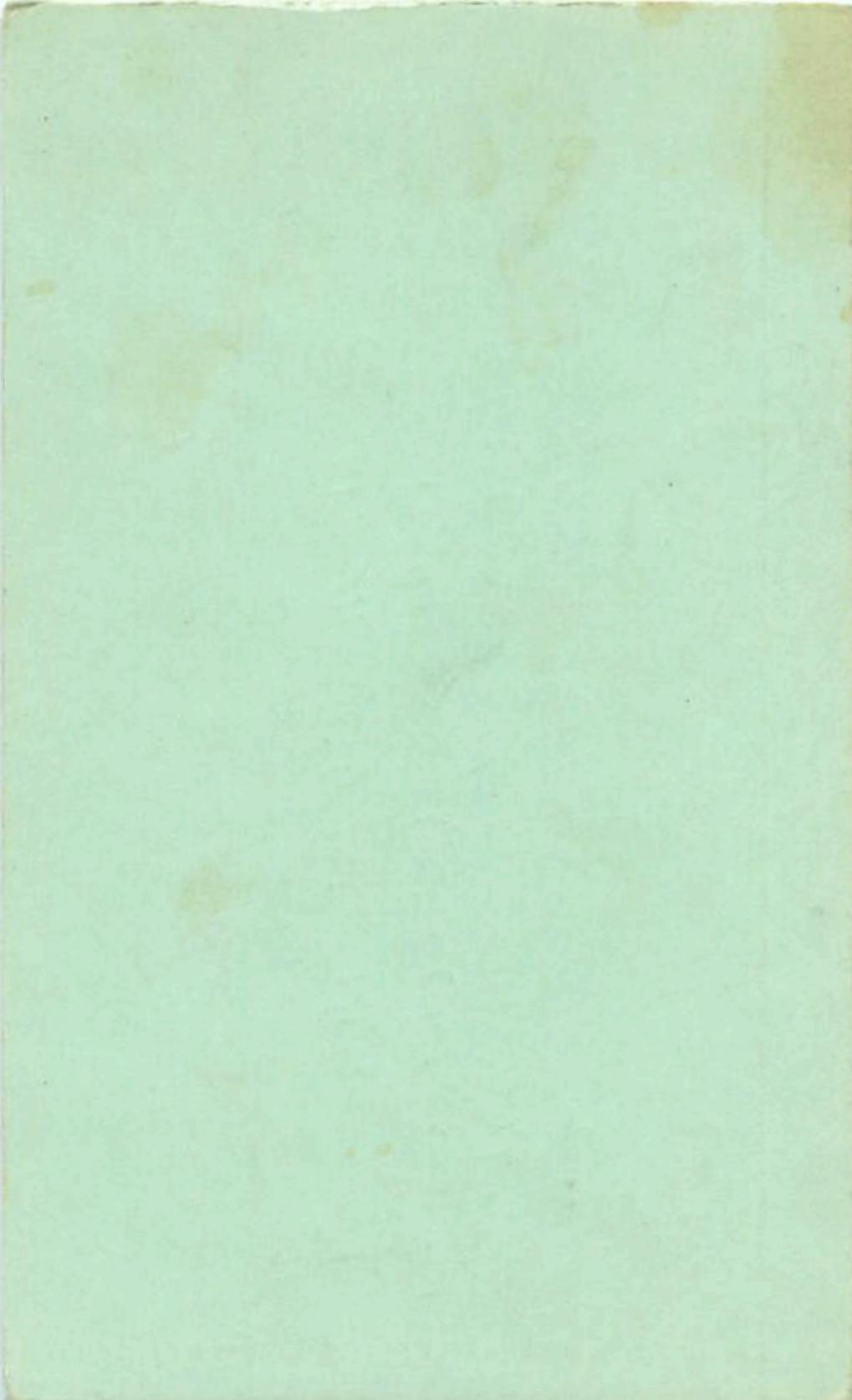
816

10.371 17181

817

10.375 21M5

(547)



MB112 15 58 15 -26 52.5 -201 NO IT

(1) (2)

-2.9

-13 +15

April (1)

2.02 -42 1182 -492 8 Apr T2

2.07 -41 1163 -465 1 May T2

2.04 -55 1196 -494 6 May T2

2.03 -44 1189 -453 (2)

May (1)

+

6.57 +0.346 14 Apr T2  
6.56 +0.359 15 May T2  
6.56 +6.352

~~140 840~~ 16 01 45 -04 45.5 ~~F1~~ ~~29~~

✓

8.11 363 866 -256 2.204 114.79  
~~8.14 365 861 252~~  
~~8.15 364 864 253~~ 2.207 12.79  
~~8.16 366 865 254~~ 2.206

340 140 626 26.92

144137 ✓ 16 04 00 -32 // 843 +0.52 ~0.5

"  
Δm300 0.4

843 -353 872 -374 2.15411 fm 74  
848 360 ~~858~~ -464 2.5212 fm 74  
~~848~~ 356 ~~865~~ 894 2.190

~~1442~~ 1605 15 → 04 463 88 ~~51~~ <sup>-14.5m.s.</sup>

2.54 -712 864 -426 2174 11 Apr 74  
2.68 ~~212~~ 861 -424 2.123 12 Jun 75  
2.96 ~~215~~ 866 -424 2174

286 141454 2.155

144/639    116    06    10    -13    05    8.2    F3 W

V/V

728	-327	911	-082	2.217	12pm	75
280	<u>-646</u>	<u>607</u>	<u>-072</u>	<u>2.224</u>	<u>12pm</u>	<u>79</u>
<u>724</u>	<u>-373</u>	<u>509</u>	<u>-077</u>	<u>2.222</u>		

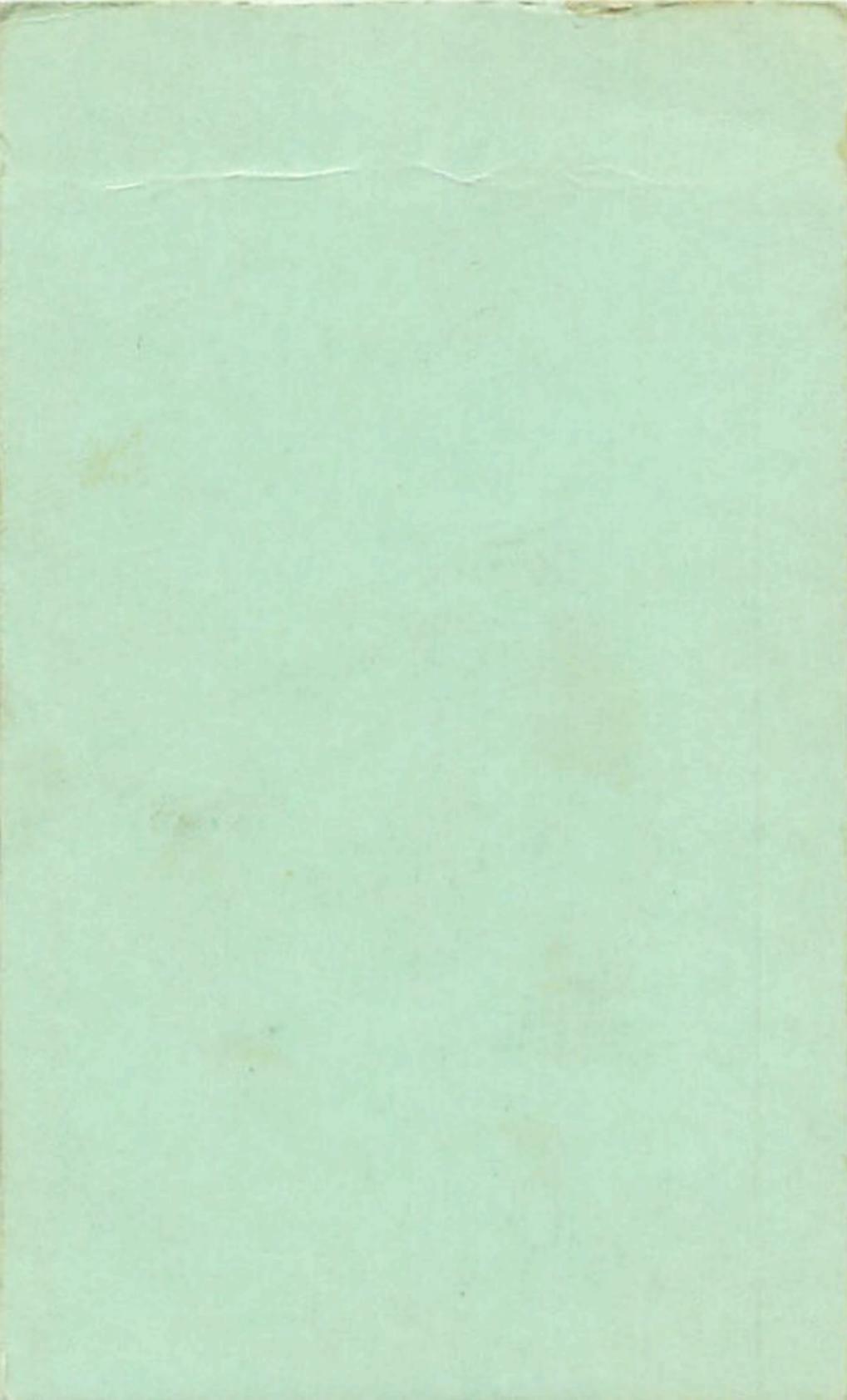
144613 16 06 58 -87 50 32

1270196 ~~(A)~~ 40.5° + 0.21 - 24

7.17 + 26.7 / 53.4 - 45.6 = 7.8 M.D.  
7.22 + 15.2 / 53.2 - 45.6 = 7.8 M.D.

✓ ✓ ✓ ✓

Sept 21, 19 10124  
L.S.H. 10.557  
559



145059 16 08 20-17 08 8-06-12

145153 16 08 45 -12 50 76.68±

-12°44'11"

①②

7.50 -12 1178 -434 1Myr ✓ +22 +3  
2.42 12 1184 -444 29Jmr ✓  
7.48 -12 ~~1181~~ ~~1181~~ -442

③④

6.95 +0.395 14Myr  
6.95 +0.406 19Myr  
6.95 ~~+0.402~~

rechte kreis 11.6  
rechte 11.6

R 11

② Onth-ka-lik osz  
③ Onth-ka-lik osz

④

Onth-ka-lik osz  
Onth-ka-lik osz

11.6 11.6 11.6 11.6 11.6 11.6

146815 16 17 00 to 07.5 7.6.87 #

+103158 to 1

7.29 -104 1157 -475 39<sup>18</sup>/min 47 -31

7.29 -50 1285 -500 81 min

7.33 -72 1167 -487 00:05 25<sup>18</sup>/min

(X) 7.31 -109 1147 -460 00:20 25<sup>18</sup>/min

7.29 -55 1156 -477 23:50 35<sup>18</sup>/min

7.30 -101 1164 -488 23:50 48<sup>18</sup>/min

7.29 -100 1156 -478 6.88 +0.338 14 APR 72  
6.91 +0.342 28 APR 72

7.30 -102 1162 -480 (6)

(1) (2)

(X) 7.1  
410

RR

~~1476.44~~ // 16 22 05 -00 40 2.9 ~~1582~~

VV

400  
442

8.16 -342 -870 -467 2137 11.174  
~~8.19 -347 824 -453~~ 2.139 1.0 ~~174~~  
~~8.18 -344 872 -460~~ 2.135

363 197 445 2.017

148188

149188. ( 16 25 30

~~-8 41 8.2 50 12~~

14611647 16 27 \$5 -83 33 2.91 +0.34  
112.4

265 -472 -784 -170 2.215 10.11 m 74  
2.96 -428 -883 -138 2.226 13 fm 77  
2.96 ~~475~~ ~~884~~ ~~-149~~ 2.218

510 270 270 510 see

146423 / 16 17 05 -51 10 8.67 to 0.52

✓✓

Mash

$$\begin{array}{r} 8.68 - 361 \quad 876 - 278 \\ 8.73 - 365 \quad 181 - 223 \\ \hline 8.65 \quad 312 \quad 972 - 262 \\ \hline 8.64 - 363 \quad 874 - 278 \end{array}$$

$$\begin{array}{r} 8.68 - 361 \quad 876 - 278 \\ 8.73 - 365 \quad 181 - 223 \\ \hline 8.65 \quad 312 \quad 972 - 262 \\ \hline 8.64 - 363 \quad 874 - 278 \end{array}$$

147075 14 20 55 -54 ~~24~~ 260

140.94 +10 1301-585 1 May ✓ 34.5? -35.5  
242+8 1311 518 2 May ✓  
243 +9 1306 2521

RR

1 May

241 10.348 14 May ✓

241 10.409 25 May ✓



145062 16 32 35 -35 abt 9.71 62  $\overline{74}$

135.110 Y<sup>2</sup>

<sup>17m 82</sup> 1 -1.53

777 -44 866 259 30? +11 +4  
775 -40 870 253 <sup>15m 82</sup> 1/2A

774 -48 872 260 <sup>15m 82</sup>  
775 -44 870 -258 ③

<sup>2 m 82</sup> Y

RR

724 +0.403 14 Apr 73  
728 +0.410 27 Apr 73

150415 ✓✓✓ 16 40 20 -16 54.5 8.2 5.5

8.26 345 864 353  
8.24 381 860 403  
8.26 398 862 354  
8.27 138 513 2661

$$\frac{156446}{110} \quad 15 \quad -0.5 \quad 11.5 \quad \overset{8.2}{\cancel{-10}}_{var}$$

✓✓

$$\begin{array}{r} 8.05 - 415 \quad 874 - 417 \quad 2.125 \quad 13 \quad 10 \\ 258 - 418 \quad 858 - 435 \quad 2.118 \quad 8 \quad 10 \\ \hline 8.02 \quad 2416 \quad 866 \quad 426 \quad \hline 2.180 \end{array}$$

151451 ✓ ✓

+46  
151451 ✓ ✓ 16 47 57 -20 55 8.285 11

8.73 -365 864 -457 8.150 11 fm 79  
872 -365 852 -741 8.153 12 fm 29  
8.72 -365 859 -449 8.152

7.31

where Lhr + 0.047 2017  
calculated rec

RR

916 168 368

754 + 090 1373 542 ③

754 + 43 1371 543 1545 44 - 24

754 + 494 1371 543 1545 44 - 24

151856 116 4950 - 227 288 112 1111



~~152494~~ 16 ~~58~~ 52 40 -04 17  
~~0505~~ 278911

-40 41 41 ~~77~~ ~~78~~ ~~79~~ ~~80~~ ~~81~~ ~~82~~ ~~83~~ ~~84~~ ~~85~~ ~~86~~ ~~87~~ ~~88~~ ~~89~~ ~~90~~ ~~91~~ ~~92~~ ~~93~~ ~~94~~ ~~95~~ ~~96~~ ~~97~~ ~~98~~ ~~99~~ ~~100~~ ~~101~~ ~~102~~ ~~103~~ ~~104~~ ~~105~~ ~~106~~ ~~107~~ ~~108~~ ~~109~~ ~~110~~ ~~111~~ ~~112~~ ~~113~~ ~~114~~ ~~115~~ ~~116~~ ~~117~~ ~~118~~ ~~119~~ ~~120~~ ~~121~~ ~~122~~ ~~123~~ ~~124~~ ~~125~~ ~~126~~ ~~127~~ ~~128~~ ~~129~~ ~~130~~ ~~131~~ ~~132~~ ~~133~~ ~~134~~ ~~135~~ ~~136~~ ~~137~~ ~~138~~ ~~139~~ ~~140~~ ~~141~~ ~~142~~ ~~143~~ ~~144~~ ~~145~~ ~~146~~ ~~147~~ ~~148~~ ~~149~~ ~~150~~ ~~151~~ ~~152~~ ~~153~~ ~~154~~ ~~155~~ ~~156~~ ~~157~~ ~~158~~ ~~159~~ ~~160~~ ~~161~~ ~~162~~ ~~163~~ ~~164~~ ~~165~~ ~~166~~ ~~167~~ ~~168~~ ~~169~~ ~~170~~ ~~171~~ ~~172~~ ~~173~~ ~~174~~ ~~175~~ ~~176~~ ~~177~~ ~~178~~ ~~179~~ ~~180~~ ~~181~~ ~~182~~ ~~183~~ ~~184~~ ~~185~~ ~~186~~ ~~187~~ ~~188~~ ~~189~~ ~~190~~ ~~191~~ ~~192~~ ~~193~~ ~~194~~ ~~195~~ ~~196~~ ~~197~~ ~~198~~ ~~199~~ ~~200~~ ~~201~~ ~~202~~ 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~~100339~~ ~~100340~~ ~~100341~~ ~~100342~~ ~~100343~~ ~~100344~~ ~~100345~~ ~~100346~~ ~~100347</~~

Answer

~~fig-ur?~~

• 8

7.60 136 1201-485 ~~11-24~~  
1m<sub>avg</sub>

Agustin (X)

2.58-35 1224-514, 29m<sup>2</sup>/yr

2.88-22 1206-485 9 AM 82

7.59-34 1210 495 (3)

Op?

R

7.11 0.37215 Myr  
7.09 +0.37525 Myr  
—

153240    165720    176740    -04    188056 <sup>-22</sup>

✓

July

8.35    359    894    468    216256.79  
8.34    367    828    483    215515.78  
8.34    363    874    475    2158

153540  
+103083

2054213 1479 -515 7408  
2034211 1484 -502 913 +6  
2044212 1474 -510 0

7.31N47E

[7.68 +0.603] 15 Aug 57 ✓

6.33 +0.576 14 Apr 57 ✓

507

N R

153741 17 00 50 20 34 26 86 24  
200461 ✓

-22

6 -7

(1) 7.65 -10 1195 -516 30 ✓  
5.65 073 1153 -465 35 ✓  
2.65 -7016 1154 -5050 ✓

R ✓

7.13 +0.397 15M72  
7.14 +0.401 27M72

1538420 17 00 50 -45 10.5 263 1474

(X) 262 + 12 1259 - 470 21482 + 849  
9.65 + 28 1236 - 446 25472 0 5  
Ans 264 1243 - 447 4mgd  
264 1244 447 ③

213 + 0.391 161152  
214 + 0.394 161183

(B) (A)



~~154241 ✓ 17 04 05 -05 27 8.23 +0.40~~

~~8.25 -476 947 -441~~  
~~8.23 -468 938 -141~~  
~~8.24 -423 942 -144~~

~~2.231 11pm 75~~  
~~2.234, 12pm 79~~  
~~2.234~~

15510.5  
1043.62

-303

(10)

$$\begin{array}{r} 8.60 \\ -2.33 \\ \hline 6.27 \end{array}$$
  
$$\begin{array}{r} 9.16 \\ -4.75 \\ \hline 4.41 \end{array}$$
  
$$\begin{array}{r} 9.10 \\ -8.74 \\ \hline 0.36 \end{array}$$

(10)

$$\begin{array}{r} 15.77 \\ -14.75 \\ \hline 1.02 \end{array}$$

$$\begin{array}{r} 15.77 \\ -14.75 \\ \hline 1.02 \end{array}$$

3

3

4

2

285

~~155467~~ ✓ ✓ 17 10 45 -07 35 8.1 F7V  
-11

8.13 -395 867 -441 2.120 13 fm 74  
~~5.09 -399 870 -4320~~  
~~8.11 -387 868 -436~~  
2.168 15 fm 74  
2164

155671 17 13 15 + 14 36 8.1 P62  
-15

244 - 413 874 418 2174 18 July 79  
244 - 409 871 453 2124 19 " " " "  
544 2411 872 450 2125

~~156.342~~ ✓✓ 17 16 35 -12 17.55 8.2F3E  
-32

8.39 -366 874 -315 ✓  
8.41 ~~855~~ 870 ~~-257~~  
~~8.40~~ ~~366~~ ~~872~~ ~~-306~~  
2.228

305 147 605 2.720

156674 ✓✓ 17 19 25 -42 89 8.50 +0.50 -13-1

8.55 -379 880 -487  
8.54 -387 841 -489  
8.54 -383 856 488  
2.157 129979  
2.155

3.28 140 420 2.63 ✓

157031 17 20 25/-20/3 8.560<sup>12</sup>

2004740

TD - 04

(1) 8.6.2 319 917-407 2.11.1 30pm 22  
8.6.1 312 917-413 2.11.6 35pm 22  
8.6.2 315 917-416 2.11.3

~~1571620~~ ✓ 17 23 00 -54 22.5 8.57 +18.7  
+0.72

8.60 -4.41 8.64 -3.16 2.142 11 fm. 8  
8.54 -4.36 8.64 -3.16 2.145 10 fm. 5.4  
8.60 -4.38 8.66 -3.16 2.147

158211

17 26 30 + 7 57

256971

+ 140327

- 1

(A) (B) 1:00

241 - 59 1181 - 451 1567 ~~42~~  
242 - 64 1129 - 750 2517 ~~2~~

128 - 4

R ✓

6.96 + 0.371 15.37 ~~2~~  
6.97 + 0.364 16.37 ~~2~~  
6.96 + 0.367 13.33 ~~2~~