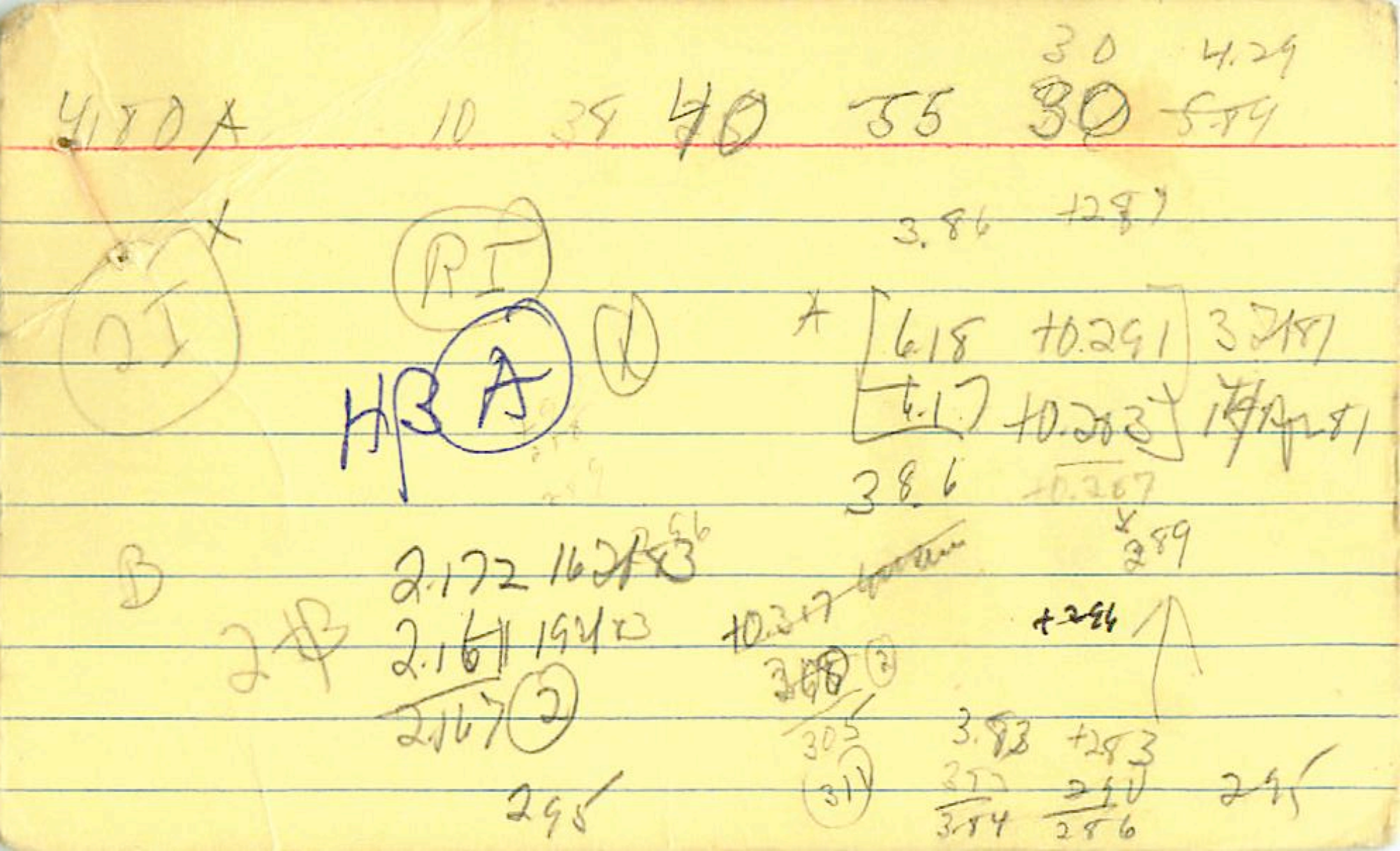

4 x 10 A
10
35
40
55
30
30
4.29
5.54
3.86
+287
RI
HBA
6.18
+0.291
3.217
4.17
+0.203
1.97
3.86
+0.267
289
2.172
2.161
+294
10.317
3.88
305
311
3.83
+253
3.84
286
295

+ 1 2 3 4 5 6 7 8 9 0

II ב"ב 30 -55 40 38 10 +0.375 3

(1) 13 שאלות מתוך 15 שאלות

(2) 11 שאלות מתוך 13 שאלות

(3) 11 שאלות מתוך 13 שאלות

(4) 11 שאלות מתוך 13 שאלות

(5) 11 שאלות מתוך 13 שאלות

(6) 11 שאלות מתוך 13 שאלות

(7) 11 שאלות מתוך 13 שאלות

E +04

HR 4180 10 37.0 −55 20 {4.3 6.2 II

4.26 +1.05 +0.774

A 4.49 +0.97 +0.81 10 mag 7

53" {6.6 B8

20" {11.2

6.24 −0.08 −0.324 mag

B 6.36 −0.08 −0.23 18 mag 67

6.46 −0.08 −0.31 10 mag

10

12.11 +0.52 +007 4

C 12.26 +0.49 +0.04 18 mag 7 opt

opt

1 Ezra 9:6-10

92449 ✓ ✓ XK

α1180 B 10 38 08 -55 27 4.2 G2II

3.7

α and B

6.26 -718 831 -253 2.247 21 Apr 76 52" → 6.2 B8

↳ 6.26 -030 110 663 2.746 20" 12.1

6.25 -016 102 669 2.734 19 Jan 23

6.24 013 691 691 2.743 20

6.25 -023 101 691 2.734 28 " "

6.25 -020 1011 679 2.740 (4) →

4.29 -114 1184 -465 21 Apr 76

4.28 -95 1143 -441 22 "

4.28 -106 1140 -455

95 683 F23

(030)

V0 6.10 -4.7 6.7

-ST 2574 8.760.47

G2428 10 41 40 -57 33 F-OIb/II

(X) (Y)

8.85 -309 844 +482 2.244 Boman

8.84 -304 840 +468 2.249 31"

884 -306 842 +475 2.246

2867 +0.6 ~~847~~ -247 +30 ニコニコ

9300 / √ 10 42 15 -55 02.5 8.65

√

9m3.9

8.58	-257	964	-202	2.158 28分40
8.60	-256	968	-150	2.161 24"
8.64	-256	977	-173	2.153 23:30 30分
8.62	-256	964	-177	2.182 00:50 2分
8.61	-265	964	-197	2.175 2分
8.61	-263	964	-184	2.156

(B)

-JL03725 8.5F 0.25

93158 10 43 25 -57 30 F2 II

(X) (X)

8.57 -358 859 +310 2.252 30 man TI

8.54 -355 859 +291 2.240 31 "

8.56 -356 860 +300 2.246

אל

שי' לוי

בס"ד יום ראשון

שלום רב

מצ"ב

סיכום שיעור ד' בנושא

"הלכות שבת בדיני מוקצה"

שיהיה לכם שבת שלום

ומבורך

בברכת חג שמח

217
1896

~~6R1~~ 93807 W 10 47 50 -57 34 6816 7.15

✓ 7.12 +74 1342 -647 32mg 50
7.11 +85 1326 -650 25 2150
~~7.10 +104 1326 -673~~
7.12 +82 1379 -648 (2)
243
8.10 6.14 255
(957) (093)

(R1) RR 404

6.54 +0.40424 per 50
6.54 +0.40025 "
6.54 +0.402

9358 VV 10 48 40 -60 11 8.24

FLJ 0814

8.20 -238 946 +60 2.174 28 3/40

8.22 -239 938 +43 2.179 25"

8.21 -234 942 +47 2.176

-60 0236 4

94584 10 53 10 -60 34.5 60/2 5 8/5

2840 -1.0 -1025 -2473 -53 9.9

8.65 +61 1087 -381 2.153 3 Apr 87

8.65 +51 1101 -384 2.158 7 Apr 87

8.65 +56 1095 -384 2.156

H 3.14

2349 783 939 3 3 8 — 384 — 528 — 507 — 392 — 2.132

RE

8.06 +0.432 1 Apr 87

8.04 +0.424 2 "

8.05 +0.424 (WH)

2.171 172 183

2.120 18 783

2.170

LSS2020

94664

55'2025

X.65 Pl II

10 53 40 -60 28 8.7 Po I 6/II

X X 8.64 -275 833 +427 2.229 6 Mar 87

8.70 -283 840 +431 2.231 7 "

8.64 -279 836 +429 2.230

9518S 10 57 15 -64 -17 OR 8.89 FOL

NNW 9.50 -513 760 -196 2.241 1 MAN

8.97 -297 813 +454 2.282 7 MAN ST

8.46 -286 807 +467 2.277 30 MAN ST

8.46 -292 810 +476 2.280

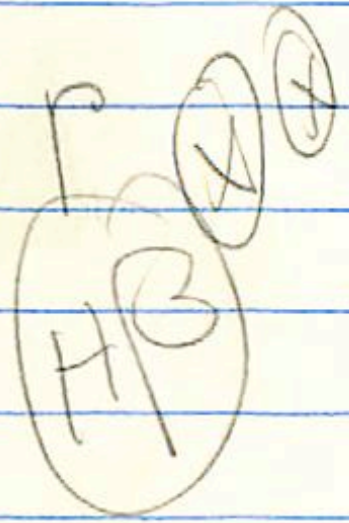
417 090 1.415 2.782

210

1232
1.701

9583 ✓/10 58 50 1.2 22.5 732

GOIG



7.31 +155 1263 −531 28 7480

732 +154 1252 −519 24 " "

7.32 +154 1260 −525

886 504

RR

2.183 1726 B 6.64 +0.4624 pm TO

2.181 1874 B 6.64 +0.4625 "

2.182 6.64 +0.466

9546 ✓ 10 54 20 -54 52 5.2 P2$6/π

×40320 ✓

9.32 -451 936 -137 2.263 32g50
9.34 -483 938 -140 2.222 5"0
933 -487 937 -138 2222
639

213 207 782 2.77

271 759 1281

LS5212I F5I 6/II

719

9S33 11 02 10 -60 43 F5I 6/II

140°2476

(X) (I) 2.54 -332867 +135 2.187 3 Mar 87

(I) 7.60 -336845 +170 2.179 6 Mar 87

7.59 -334853 +170 2.182 7"

7.59 -336855 +158 2.183 (3)

364 126 1044

F=15

9.122	11	03	40	-59	49.5	9.01

9.01	-559	+902	443	2.314	2.252
9.01	-558	902	+46	2.317	2 mass
9.01	-558	902	+46	2.318	

JL04FG

10.0

94323 11 04 310 -57 12.5 F3I1/II

(XO)

9.75 -398 876 -243 2.187 3 Apr 87

9.75 -401 880 -254 2.196 7 " "

9.75 -400 878 -249 2.186

312 304 467 2.069

256 100

195

-56° 42' 2"

10.0

GL 583 11 06 010 -57 03.5 F0/2 J6/II

(N) (K)

9.99 -454 923 -127 2.239 3 Ap 87

10.01 -453 930 -150 2.231 7 " "

(10.00) -454 927 -139 2235

247 782 2.746

256

3 12

7

278.7 +25.4 -505 -3290 +1455

G2Iab

96.746 11 07 -30 -31 58.5 8.23

-3104.98

8.80 -150 1044 -305 2.155 102 fb

8.83 -141 1040 -300 2.153 113 fb

8.82 -146 1042 -302 2.154 (2)

(1) (1)

R N

8.42 +0.308 107 fb

8.36 +0.307 13 fb

8.39 +0.308

(3N)

-67°1645 Cスコット II

97189 11 09 10 -67 58.5 830 1.09

HB (X) (X) 8.33 +21 1142 -479 3 Apr 87

8.32 +17 1163 -505 7 " "

832 +19 1152 -452

TAT (X) (X) 7.78 +0.406 1 Apr 87

7.77 +0.410 2 "

~~7.78 +0.408~~

4352 ✓✓ 11 11 4/6 -60 12 4.54 +0.53

97<34

4.65 -304 736 +300 4 Apart 24"
4.69 -303 724 +327 15 Apart 16"
4.67 -304 730 +314

2+B

405 017 1248 2.600 60

134 11 67
78
145

11 10.5 -60 02

10-31

-620 963 DD = 6/15

9 8 8 6 11 17 20 -62 52 7.46 1.15 G6 II

9 4 4 10 15" 8.87 0.04 0.04

A + 8.86 -482 707 -740 2.083 3 Apr 81 → Emma

A 8.87 -491 713 -740 2.072 7"

8.84 -486 710 -540 2.077

HP

A X 7.40 +64 1167 -547 3 Apr 81

7.39 +63 1170 -540 7"

7.40 +64 1168 -544

RE

HB 6.77 +0.483 10 Apr 81

6.77 +0.442 2"

6.77 +0.442 4/7

-5°3510 8.220.43
58782 11 20 38 -59 08.5 G6 II

8.25 -75 1142 -454 3 Apr 87
8.25 -70 1135 -458 7 " "
8.25 -72 1138 -456

270
3 Feb 94

7.76 +0.352 2 Apr 87
7.73 +0.345 10 Apr 87
7.74 +0.348

-56° 44'63

9.4

GG154 11 23 10 -56 57.5 G5 II

8.32 -136 1060 -453 3 Apr 87

8.31 -136 1061 ~~-428~~ -453 7 Apr 87

~~832~~ -136 1060 -453

+87

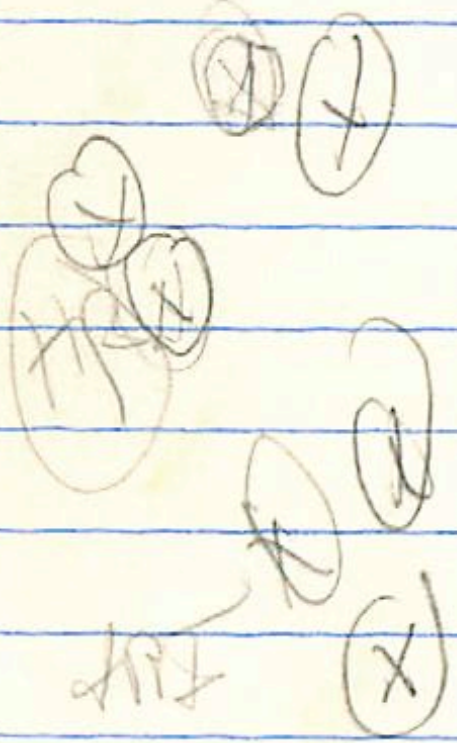
7.92 +0.328 1 Apr 87

7.89 +0.322 2"

7.90 +0.325

~60°29'4 E.5

99313 11 24 05 -61 10.5 C3 II



8.42 -29 1100 -430 3 Apr 87

8.43 -27 1096 -435 17 June 87

8.42 -26 1098 -433

2.145 1748

2.146 1848

2.148 (2)

750 +0.385 2 Apr 87

7.52 +0.380 1 Apr 87

7.51 +0.382

63 x 16

9.57 V V (+) 1 25 50 -61 36.5 10

2.127 11 Apr 83

Van ? ← 9.07 +103 1219 -566 2.123 4 Apr 83

9.05 +98 1213 -562 3 Mar 80

HP 9.04 +102 1205 -565 2 Mar 80

9.06 +100 1212 -565 2.130 (2)

2.151 10 Mar 83 (4) 826 464 339 -3.1

2.127 11 Apr 83 (708) (124)

2.163 15 Mar 83

(A+) R R 374

8.46 +0.448 11 Jan 80

8.46 +0.448 25 Jan 80

8.46 +446 (446)

7/4/36

(2)

9.07	+100	1215	-596	2123	2 Jan 84
9.07	+103	1219	-564	2.133	
9.05	+98	123	-562		
9.06	+102	1205	-54		
9.06	+101	1.212	-573	2.134	

9.5574

2.123
2.133
2.151
2.142
2.143

2.134

-5903479 8.84 0.67

99683 11 26 30 -60 26 F2I1/II

clutch

8.48 -242 815 +736 2.240 3Apr87

9.00 -240 755 +561 2.231 18Jun87

8.48 -230 741 +550 2.227 14Jun87

9.01 -234 806 +565 2.232 15Jun87

~~8.99 -236 802 +554 2.232~~

8.99 -240 804 +551 2.243 2Mar87

8.94 -234 803 +557 2237

-60°3002 7.96 0.57

100137 11 29 50 -60 58 C8 II

(X) (X)

7.58 -27 1158 -516 3 Apr 87

7.54 -26 1183 -511 14 June 87 (2)

7.57 -26 1170 -514

(X) (2)

+87 1

7.45 +0.347 2 Apr 87

7.47 +0.369 1 Apr 87

7.46 +0.368

FSIA

0228	√	11	30	55	-61	40	764
	√	7.64	-245	895	+124	2.197	27 Jan 80
(w)		7.64	-254	930	+126	2.124	2 May 80
		7.75	-240	908	+115	2.188	25 Jul 80
		7.70	-236	912	+122	2.178	2 Nov 80
(X) (X) (X)		7.23	-244	928	+113	2.183	08:45 21 Jan 81
		7.74	-237	933	+117	2.144	08:55 23 Jan 81
		7.72	-248	931	+108	2.186	09:10 24 Jan 81
		7.72	-243	927	+111	2.141	08:50 25 Jan 81
		7.71	-244	921	+117	2.180	06:20 30 Jan 81
		7.71	-251	932	+104	2.187	06:30 2 Feb 81

1100278 (2)

271	-246	927	+107
271	-243	917	+115
272	-246	926	+118
244		924	116

2.190 06:16 4Apr 5
2.178 00:10:16 8 Jun 6
2186 07:05 25 Aug 2

2186

1(V 278(2)

7.37 +0.280 05:20 AM

7.34 +0.280 05:05 3:: "

7.34 +0.282 03:30 PM

7.36 +0.277 02:20 PM

6216

10/3/14 ✓✓ 10 35 10 -55 29 7.24

7.17 -63 1084 -324 2.158 14 Jan 84

2.17 -66 1077 -326 25 Jan 80

2.17 -61 1078 -333 20 Jan 80

7.17 -64 1078 3.80

657 337 583 -3.7

(534) (452)

Mail ✓

(FL)

6.72 +0.3617 24 Jan 80

RR 2.173 1783 6.69 +0.35625

2.150 2478 2.171 1781 6.70 +0362

2.172

4499 √√ 11 39 47 −61 57 4.53 +1.14

10:45 30

4.95 −27 1136 −452 > Apr 81 (36)

4.94 −16 1125 −454 4 Apr 78 24"

5.00 −24 1124 −447 15 Apr 75 16"

4.96 −20 1130 −450 (3)

(1) (11)

4.46 +902

Louisin

+406 Mem

701 385 (545)

2103 2084

5.43

-275

Pittsburgh/ Applet-Island O'Connell

2600 W

5.38 +0404 17 Mar 75

5.40 +405

7.25 +0364 11 Apr 81

5.40 391 → 404

FSJ6/6

10/684 √/11 40 70 -63 43 7.23

455245 FSIB

7.24 ~~-106~~ 927 +130 2.174 2.1780

7.24 -108 932 +134 2.181 2 mans

7.26 -107 930 +132 2.178

~~4 6 2474~~ F3 II

10 2174 11 44 15 −63 27 97 F256

~~4 20267~~ ✓ ✓ 8.78 −277 871 +234 2.216 3 May 82 II

8.74 −283 870 +233 2.204 7 May 81

var? 8.75 −255 857 +258 2.209 1 May 80

more 8.76 −283 865 +227 2.208 2 "

~~8.74~~ ~~−281~~ 869 +230 2.208 (4)

4/16 156 1.163 2.700

(28) (1.643)

FIG

10 2305 √√ 11 45 10 −68 41 8.92

2471 −617

−750

−1367

−190

RL

8.85 −132 9.18 −100 2.185 3 mon FD

8.86 −126 9.20 −112 2.161 2 mon FD

8.86 −109 9.19 −106 2.154

548 9.13 2.136

517 6.4

8.42 +0.359 3 2/81

8.43 +0.359 14 2/81

8.4 +0.359 (37)

4535 ✓✓ 11 49 60 -70 06 4.56 +1.40

4.45 +14.7 1247 -58.7 22 July 87 (36)

10234 ✓ 4.97 +156 1281-586 4 Aug 78 21

~~5.02 +166 1268 -565 20 Jan 79~~

~~4.97~~ +145 1241 -582 18 [illegible]

4.96 +149 1240 -585 (3) 4.96 Lovins

IMP ✓

4.36 +0.550 men

4.27 +1.454 17 Mar 25

✓ IRT

HB ✓

2.187 [illegible] [Table +0.435] 11 Mar 87

2.183 [illegible]

2.185 (2) 434 436

GTI 0/II

10 3134 — 11 51 35 — 35 42 — 9.48

-35 07 11

9.53 -58 1189 -522 2.104 28 mm 54

9.57 -53 1203 -541 11 248

9.54 -66 1211 -538 1243

9.56 -60 1207

X X

B X

R N

9.09 +0.346 17 Jan 13

9.05 +0.344 18 Jan 13

9.07 +0.345

314

L65 2546 ∑ F5I6T1 F5I6

103807 √ 11 56 05 -63 34 766

7.62 -301 918 +73 29 2202 29MAY80

7.59 -311 912 +108 2.184 3MAY80

7.60 -300 914 +95 2.189 2MAY80

7.60 -304 918 +93 2.190

1030 2.664

HSS 7.5G FUJI/II

103424 11 56 55 -65 12.5 F2 II

-640175

X X

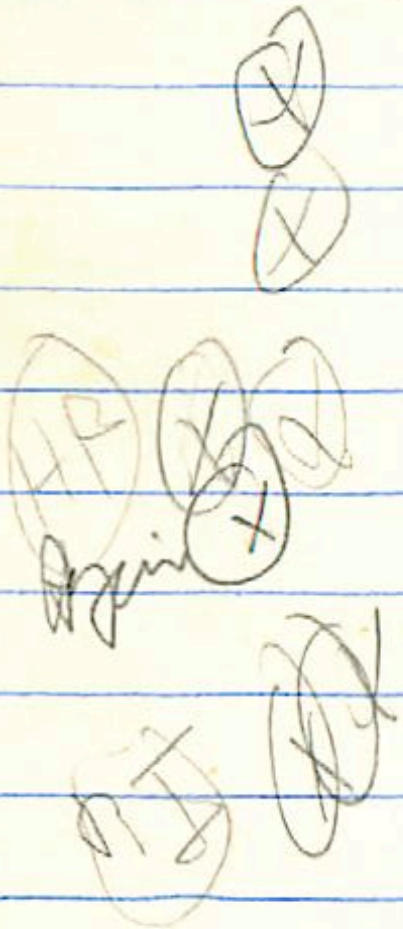
7.52 -361 844 1485 2.243 8 Mar 81

7.51 -36 847 1493 2.243 " "

7.52 -363 846 1494 2.243

-65° 1764 9.32 1.31

104096 11 58 10 -65 53 6 36 I 87



9.33 +74 1140 -464 3 Apr 71

9.35 +84 1140 -475 14 Jan 51 (64)

9.34 +74 1140 -470

2.127 18 mm 43

2.124 10288 (60)

2.154 11243 (61)

2.128 (2)

8.70 10457 20 Apr 87

8.72 10446 1 Apr 87

8.71 10453

(469)

LSS 7+5 11 58 25 −62 43 AG Ib/II

104 111

6.36	−474	810	+677	2237	10 mag V
6.36	−465	792	685	2232	11 "
6.36	−470	801	+680	2234	

GLIB

10 42 15 11 55 05 -42 27 225

~~787~~ +157 1344 -653 2574 TB

7.29 +153 1319 -630 3 MAN TO

7.29 +160 1324 -651 2 MAN TO

~~7.24 +156 1322 -640~~

(V) (A) (V) (V) (A)

887 564 261 -4.7

261 OR. 730 084

~~2.180 2.174~~ ~~2.161 2.155~~ 2.163 2.153 7.12 +0.47024 MAN TO

2.126 7.4 +0.76625

2.170 (2) 7.13 TOTAL

RA

104651 LH82566 F6/II FOI6/II

~~103924~~ 10 01 55 65 36 8.41

-65° 1776

8.33 -264864 -64 2.191 12 may

8.34 -271857 -66 2.195 6 Mar 81

833 -277871 -63 2185.9 "

~~833~~ -~~278~~864 -~~68~~ 2.190 (3)

MWT

456 456 2.574

-620 2563 +

8.02 1.15

10 4857 12 03 30 -63 28 GS/NO IT/IT

(X) (X)

8.02 +54 1234 -562 30 mm 8J
8.03 +65 1240 -582 3 Dpt J
8.02 +62 1240 -592

(X) (X)

(RT)

242 +0.422 2 Dpt TT
245 +0.415 1 Dpt TJ
244 +0.419

LSS 2586 F>II F>I F>I&

10502 ✓ 12 04 30 -64 10 7.23

7.15 -358 860 +546 2237 3 MIN TO

7.15 -387 854 +533 2235 " "

7.15 -358 856 +540 2236

HR 4614 -67° 1903 6.19 1.10 6876

10513F VV 12 05 15 68 32.5

6.22 1.23

16" Mt. bright

very bright

6.24 326 1220 -448 3 man RD

6.24 +43 1213 -457 2 man RD

6.24 +30 1213 -448

2.162 20 Aug 84

2.174 18 Aug 83

2.178 19 Aug 83

2.179 29 Aug 84

2.177 (3)

2.138 21 Aug 84

766 461

359 (491) 307

5.701 +0.390 12 Aug

5.73 +0.401 19 Aug

5.72 +0.396

5.64 +0.425 7y

8.06 +0.388

8.09 +0.352 19 Aug 84

460 10538D 12 06 40 −75 15 5.17 +130

10765

5.12 +63 1378 −5.14 25Apr B
5.15 +63 1366 −458 26Apr B
5.14 +63 1372 −502 ②

+453 Lowin
+455 10765

-60°3797 Po IV F2 II

10541 12 07 15 -61 3.5 9.01+49

(+) (V) 8

9.03 -304 837 +445 2.248 13 June 81 (W)

9.03 -302 837 +462 2.282 14 Jun 81 (W)

Repeat 8.99 -301 826 +451 2.250 24 June 81 (W)

9.01 -302 833 +453 2.249

+29 -146

2.167

2.170 187 683 +6
2.164 RS2 IR

10 6 8 1 √ 12 17 20 58 64 2.20

2.67 +20 1159 -462 28 mm 84

AB Cnc 2.63 +55 1168 -433 3 Man 80

12 16 30 2.64 +54 1159 -443 5 Man 80

54 03 2.65 +60 1159 -446 24 Jan 80

.04 +0.428

2.05 +0.42025" ⌀

205-164-24 ②

(A) (B) only

180 -25 -110 2572

29 -146

2.120 187 83
2.164 157 83
2.135 28 mm 84
2.134 21 Apr 84

R R

8.76 -576 670 -1004 2.100 10 Man 80

8.40 -519 680 -999 2.093 11

-514 695 -1100 2.095

2448-3.6 −750
−315
−95

62 Bata 18

107285 √ 12 19 10 −66 10.5 278

(1) (4) 274 +13 1030 −46 3 min 50
(+) (0) 274 +11 1026 −245 5 " "
(1D) 274 +12 1028 −245
734 −40

2.141 2824
2.140 2184 2.177 1824 83
2.169 1913
2.167 2491 501
2.168 (4)

2.19 10.121 24 50
2.14 10432 25
2.19 10.126 (441)

-46°3136 F315 I 6/II

108015 V/gc 12 23 50 -47 02.5 8.0 " .01

7.52 -455 873 +457 2.159 12 mg TO

7.53 -454 860 +458 2.158 2 " "

7.52 ~~454~~ 866 +450 2158

301.5 -13.9 -92.5 -15.0 6016

10825Z 12 36 15 -37.5 38.5 7.85

(X) 2.97 -116 907 -232 2.138 21 Apr 84

7.55 -108 855 -233 2.143 6 Jan 00

7.58 -97 869 -208 2.148

7.58 -112 901 -233 2.141 (2)

284

7.55 +0.357 28 Jan 00