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2004-05-29

Universal Multiple-Octet Coded Character Set International Organization for Standardization Organisation Internationale de Normalisation Международная организация по стандартизации

Doc Type: Working Group Document

Title: Final proposal for encoding the Phoenician script in the UCS

Michael Everson Source:

Status: Individual Contribution

Action: For consideration by JTC1/SC2/WG2 and UTC

Date: 2004-05-29

Replaces: N1932 (1998-11-23)

This document revises and replaces N1932, which was based on the proposal written by Rick McGowan and published in UTR#3, and the proposal written by me in N1592. It contains the proposal summary.

A. Administrative

1. Title

Final proposal for encoding the Phoenician script in the UCS

2. Requester's name

Michael Everson

3. Requester type (Member body/Liaison/Individual contribution)

Individual contribution.

4. Submission date

2004-05-29

5. Requester's reference (if applicable)

N1592, N1932

6. Choose one of the following:

6a. This is a complete proposal

Yes.

6b. More information will be provided later

No.

B. Technical – General

1. Choose one of the following:

1a. This proposal is for a new script (set of characters)

Yes.

Proposed name of script

Phoenician.

1b. The proposal is for addition of character(s) to an existing block

1b. Name of the existing block

2. Number of characters in proposal

3. Proposed category (see section II, Character Categories)

Category C

4a. Proposed Level of Implementation (1, 2 or 3) (see clause 14, ISO/IEC 10646-1: 2000)

4b. Is a rationale provided for the choice?

Yes.

4c. If YES, reference

Spacing characters are proposed.

5a. Is a repertoire including character names provided?

Yes.

1

5b. If YES, are the names in accordance with the character naming guidelines in Annex L of ISO/IEC 10646-1: 2000? Y_{CS}

5c. Are the character shapes attached in a legible form suitable for review?

Yes.

6a. Who will provide the appropriate computerized font (ordered preference: True Type, or PostScript format) for publishing the standard?

Michael Everson. TrueType.

6b. If available now, identify source(s) for the font (include address, e-mail, ftp-site, etc.) and indicate the tools used: Michael Everson, Fontographer.

7a. Are references (to other character sets, dictionaries, descriptive texts etc.) provided?

Yes, see bibliography below.

7b. Are published examples of use (such as samples from newspapers, magazines, or other sources) of proposed characters attached?

Yes.

8. Does the proposal address other aspects of character data processing (if applicable) such as input, presentation, sorting, searching, indexing, transliteration etc. (if yes please enclose information)?

Yes, see below.

9. Submitters are invited to provide any additional information about Properties of the proposed Character(s) or Script that will assist in correct understanding of and correct linguistic processing of the proposed character(s) or script. Examples of such properties are: Casing information, Numeric information, Currency information, Display behaviour information such as line breaks, widths etc., Combining behaviour, Spacing behaviour, Directional behaviour, Default Collation behaviour, relevance in Mark Up contexts, Compatibility equivalence and other Unicode normalization related information. See the Unicode standard at http://www.unicode.org for such information on other scripts. Also see Unicode Character Database http://www.unicode.org/Public/UNIDATA/UnicodeCharacterDatabase.html and associated Unicode Technical Reports for information needed for consideration by the Unicode Technical Committee for inclusion in the Unicode Standard.

Yes, see Unicode properties below.

C. Technical – Justification

1. Has this proposal for addition of character(s) been submitted before? If YES, explain.

Yes. N1592, N1932

2a. Has contact been made to members of the user community (for example: National Body, user groups of the script or characters, other experts, etc.)?

No. Phoenician is a simple and well-known historic script used in a wide variety of contexts.

2b. If YES, with whom?

2c. If YES, available relevant documents

3. Information on the user community for the proposed characters (for example: size, demographics, information technology use, or publishing use) is included?

Scholarly communities researching the Phoenician language; educational communities of all kinds interested in the history of the Latin, Greek, Hebrew, and other alphabets..

 $\hbox{ 4a. The context of use for the proposed characters (type of use; common or rare) } \\$

Phoenician script is proposed to unify the similar writing styles (palaeographic "scripts") known in some sources as Phoenician proper, Late Phoenician cursive, Phoenician papyrus, Siloam Hebrew, Hebrew seals, Ammonite, Moabite, Palaeo-Hebrew, and Punic.

4b. Reference

N2311.

5a. Are the proposed characters in current use by the user community?

Yes.

5b. If YES, where?

By scholars and script enthusiasts worldwide.

6a. After giving due considerations to the principles in Principles and Procedures document (a WG 2 standing document) must the proposed characters be entirely in the BMP?

No.

6b. If YES, is a rationale provided?

6c. If YES, reference

7. Should the proposed characters be kept together in a contiguous range (rather than being scattered)?

Yes, they should be encoded in a single block as presented here.

8a. Can any of the proposed characters be considered a presentation form of an existing character or character sequence?

No.

8b. If YES, is a rationale for its inclusion provided?

8c. If YES, reference

9a. Can any of the proposed characters be encoded using a composed character sequence of either existing characters or other proposed characters?

No

9b. If YES, is a rationale for its inclusion provided?

9c. If YES, reference

10a. Can any of the proposed character(s) be considered to be similar (in appearance or function) to an existing character?

No.

10b. If YES, is a rationale for its inclusion provided?

10c. If YES, reference

11a. Does the proposal include use of combining characters and/or use of composite sequences (see clauses 4.12 and 4.14 in ISO/IEC 10646-1: 2000)?

No.

11b. If YES, is a rationale for such use provided?

11c. If YES, reference

12a. Is a list of composite sequences and their corresponding glyph images (graphic symbols) provided?

Nο

12b. If YES, reference

13a. Does the proposal contain characters with any special properties such as control function or similar semantics?

No.

13b. If YES, describe in detail (include attachment if necessary)

14a. Does the proposal contain any Ideographic compatibility character(s)?

Nο

14b. If YES, is the equivalent corresponding unified ideographic character(s) identified?

14c. If YES, reference

D. Proposal

The Phoenician alphabet and its successors were widely used over a broad area surrounding the Mediterranean Sea. Phoenician evolved over the period from about the 12th century BCE with some modifications until the 2nd century BCE, with the last neo-Punic inscriptions dating from about the 3rd century CE (it is not certain as of this writing whether Neo-Punic should be unified with Phoenician or whether it attained a differentiation significant enough for consideration as a separate script). Garbini 2001 suggests that while the origins of Phoenician may have been a reform of the Proto-Sinaitic/Canaanite script, it came into its own from the 9th century BCE, when it "became a very elegant script with long, slightly slanting vertical lines, minuscule loops and flat letters." The Phoenician alphabet is a forerunner of the Etruscan, Latin, Greek, Arabic, Hebrew, and Syriac scripts among others, many of which are still in modern use. It has also been suggested that Phoenician is the ultimate source of Kharoshthi and of the Indic scripts descending from Brahmi.

Phoenician is quintessentially illustrative of the historical problem of where to draw lines in an evolutionary tree of continuously changing scripts in use over thousands of years. The twenty-two letters in the Phoenician block may be used, with appropriate font changes, to express Punic, Phoenician proper, Late Phoenician cursive, Phoenician papyrus, Siloam Hebrew, Hebrew seals, Ammonite, Moabite, and Palaeo-Hebrew. The historical cut that has been made here considers the line from Phoenician to Punic to represent a single continuous branch of script evolution.

Processing

Phoenician is written from right to left horizontally. Phoenician language inscriptions usually have no space between words; there are sometimes dots between words in later inscriptions (e.g. in Moabite inscriptions). Typical fonts for the Phoenician and especially Punic have very exaggerated descenders. These descenders help distinguish the main line of Phoenician evolution toward Punic from the other (e.g. Hebrew) branches of the script, where the descenders instead grew shorter over time.

Numerals

Phoenician numerals are built up from four elements in combination; samples of these are shown in Figures 3, 5, 6, 7, 8 and 11. Like the letters, Phoenician numbers are written from right to left: $||||^{3}$ means 143 (100 + 20 + 20 + 1 + 1 + 1).

Names

The names used for the characters here are those reconstructed by Theodor Nöldeke in 1904, as given in Powell 1996 (see Figure 1).

Unicode Character Properties

```
10900; PHOENICIAN LETTER ALF; Lo; 0; R;;;;; N;;;;;
10901; PHOENICIAN LETTER BET; Lo; 0; R;;;; N;;;;
10902; PHOENICIAN LETTER GAML; Lo; 0; R;;;;; N;;;;
10903; PHOENICIAN LETTER DELT; Lo; 0; R;;;;; N;;;;;
10904; PHOENICIAN LETTER HE; Lo; 0; R;;;;; N;;;;;
10905; PHOENICIAN LETTER WAU; Lo; 0; R;;;;; N;;;;;
10906; PHOENICIAN LETTER ZAI; Lo; 0; R;;;;; N;;;;;
10907; PHOENICIAN LETTER HET; Lo; 0; R;;;;; N;;;;;
10908; PHOENICIAN LETTER TET; Lo; 0; R;;;;; N;;;;;
10909; PHOENICIAN LETTER YOD; Lo; 0; R;;;;; N;;;;;
1090A; PHOENICIAN LETTER KAF; Lo; 0; R;;;;; N;;;;;
1090B; PHOENICIAN LETTER LAMD; Lo; 0; R;;;;; N;;;;;
1090C; PHOENICIAN LETTER MEM; Lo; 0; R;;;;; N;;;;
1090D; PHOENICIAN LETTER NUN; Lo; 0; R;;;;; N;;;;;
1090E; PHOENICIAN LETTER SEMK; Lo; 0; R;;;; N;;;;;
1090F; PHOENICIAN LETTER AIN; Lo; 0; R;;;;; N;;;;;
10911; PHOENICIAN LETTER PE; Lo; 0; R;;;;; N;;;;
10912; PHOENICIAN LETTER SADE; Lo; 0; R;;;;; N;;;;
10913; PHOENICIAN LETTER QOF; Lo; 0; R;;;;; N;;;;;
10914; PHOENICIAN LETTER ROSH; Lo; 0; R;;;;; N;;;;
10915; PHOENICIAN LETTER SHIN; Lo; 0; R;;;;; N;;;;;
10916; PHOENICIAN LETTER TAU; Lo; 0; R;;;;; N;;;;;
10917; PHOENICIAN NUMBER ONE; No; 0; R;;;; 1; N;;;;
10918; PHOENICIAN NUMBER TEN; No; 0; R;;;; 10; N;;;;;
10919; PHOENICIAN NUMBER TWENTY; No; 0; R;;;; 20; N;;;;;
1091A; PHOENICIAN NUMBER ONE HUNDRED; No; 0; R;;;; 100; N;;;;;
1091F; PHOENICIAN WORD SEPARATOR; Po; 0; R;;;;; N;;;;;
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Figures

Table I The place of early Greek letter forms in the development of Phoenician letter forms

Phoen.	PHOENICIAN			GF	REEK	PH	Greek			
names	Shipitbaal I (Byblos) (= DR No. 7) c. 900	Cyprus Stele (= DR No. 30) c. 900-875	Nora Stone (Sar- dinia) (= DR No.40) 9th cent.	Kilamuva (Zin- cirli) (= <i>DR</i> No. 24) c. 825	Dipylon jug (Athens) c. 740	Lefkandi, Pithekoussai c. 750–25	Limassol (Cyprus) (= DR No. 31) c. 750-25	Karatepe (= DR No. 26) c. 720	Ipssambul c. 590	names
?alf	K+	* *	*	4	7	AAA	*	K	4 +	alpha
bēt	2	99	9	9			9	9	99	bēta
gaml	^	1	1	77				1	1	gamma
delt	40	a 4	4	4	1	Δ	4	4	4	delta
hē	7	3	7	7	#	71		7	7	ei
wau	YY	Y 4		44		Ч		44	4	[wau]
zai	H	工		エ		I	I	ζ		zēta
ḥēt	Ħ			日日	日	А	Ħ	白目	月月月	[h]ēta
ţēt	Φ						0	8		thēta
yōd	27	22	2	72	~	1	2	22	マル	iōta
kaf	*		4	イャイ		K	Ŧ	サ グ	Y Y	kappa
lamd	11	6	6	66	1	1	6	6	4	lambda
mēm	3 >	3	7	4	٣	4 3	m	747	4	mū
กนิท	5	55	14	45	4	Ч	7	5	4	វាប៊
semk				丰			手	手	3 47	xei
^c ain	0	0	0	0	0	0	. 0	O	0	ou
рē	7	7)		7	7		2	11	pei
şädē			r-	7~		M	r	4	ntxt	san
qōf	ዋ	9		P			P	P	Þ	qoppa
rōš	99	4 9	9	49	4	٩	4	99	4	rhō
šin	*	~	w	~	z Ś	533	~	~	¥ ¥	sigma
tau	+ X	+	×	+	T+	TT	t	*	xr	tau

All signs are drawn from right to left.

Phoenician forms are based on Friedrich-Röllig, 1970: end table.

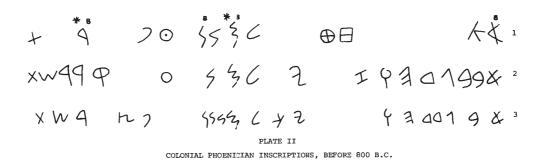
Figure 1. Table of Phoenician and Greek letterforms from Powell 1996. The character names taken from Theodor Nöldeke's reconstruction are shown in the first column.

Figure 2. Text sample from Healey 1990. Note the use of the PHOENICIAN WORD SEPARATOR with a short vertical glyph.

451.450. 29.44.60. 4446.29.444 \$1.450.4446. 29.44460 \$1.450. 29.44460 \$1.450. 29.44460 \$1.446.2446

corps 18 Trois inscriptions de Larnaca

Figure 3. Sample from Imprimerie Nationale 1990:161. Note the use of digits (6 and 1 in line 1, and 2 in line 3) and of the PHOENICIAN WORD SEPARATOR with a dotted glyph in the second passage.



ナw1 P) の りかと 2 2 1 1 4 1 3 f 1

+w 9 P P の 手 9 7 LC 4 7 1 8 8 8 1 1 2 2 9 K 3

ナw 9 P P ア 0 年 9 7 C 4 7 2 日 4 9 X 4

メメ 9 P P ア 0 年 9 9 C グ 2 8 月 エ 9 7 1 9 F F 5

メ w ア 7 の 5 9 L タ 2 8 4 9 X 5

+ w 9 年 P の 9 4 4 9 X 7

PLATE III

COLONIAL PHOENICIAN INSCRIPTIONS, EIGHTH CENTURY B.C.

Figure 4. Plates from McCarter 1975 showing different glyph variants of Phoenician script.

Phönikische Zeichen	Phönikische Zahlen	Wert	
チャキキトキ	17	1	1
99	N	2	1 + 1
A 1	111	3	1 + 1 + 1
4999	MB 788	4	1 + 1 + 1 + 1
3月73月月31日	11 111	5	3 + 2
7477	m H	6	3 + 3
I~1/2224	THE HE VIEW THE	7	3 + 3 + 1
HAPMBHH	11 111 111	8	3+3+2
$\oplus \Theta \mathcal{A} \mathcal{A} \mathcal{Q} \mathcal{Q} \mathcal{A} \mathcal{A}$	10. OC 10.	9	3+3+3
AMAKWATA	n ¬ -	10	10
749H471	1-	11	10 + 1
h L	0===3	20	20
m m 44444	HNVAM	21	20 + 1
7 9	10 I= IN		
テるが州手がか	00 -= -H	30	20 + 10
000004.	== H H N N	40	20 + 20
211	7HHH7333	70	20 + 20 + 20 + 10
HHWH	нини ииии	80	20 + 20 + 20 + 20
997727746	1-1 1-1 1-1 101	100	100
499	タンと		
~ UV 4 4 4 4 4 4 W	1111 Z"	200	2 + 100
+× ト ナ ト サ	10111	300	2 + 100

Figure 5. Sample from Faulmann 1880 showing glyph variants for Phoenician letters and numbers.

KHATRA			NA	BATAE	A	PALMYRA			PHOENICIA		
Į	JNITS		ı	UNITS			UNITS			UNITS	3
a > 5	1111	1	5	X or W	1	a y 5	//// ₄	1	# <i>[1]</i>	<i>1 111</i> 4	1
### > 9			w.s	or W //			11119			9 111 111	
	TENS			TENS			TENS			TENS	
i	С	b	f	d		c	b	_	c	b	a
7	7	7	1	7 4		e	์ d	ج	f	•	d 7
T	WENT	Y	T	WENTY	7	Т	WENT	Y	Т	WENT	Y
g 3	g =	e 2	3	h 7	2	^h 3	3 f	3	7	4	1
			2	k j	3	k	j i	2	1 I	4	2

Figure 6. Sample from Ifrah 1998 showing the Phoenician numbers ONE. TEN, and TWENTY.

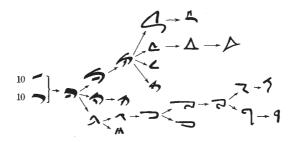


Fig. 18.6. Origin and development of the figure 100. All these signs derive from placing two variants of the sign for 10 one above the other. This multiplicative combination has a kind of additional superscript to avoid confusing it with the sign for 20, and produced widely different graphical representations of the number 100.

KHATRA			NABATAEA	PALMYRA	PHOENICIA			
k	j i		Ø1 II		0	n m		
4	MA	J	91	السي	2.	メベ		
100 × 1	100×1 100	×1	100 × 1	100 × 1	100×1	100×1 100×1		
k	TH		9// "		11800			
	100 × 2		100 × 2	100 × 2	100 × 2	100 × 2		
j	111		9111			~ NO		
	100×3		100 × 3	100 × 3	100 × 3	100 × 3		
1	>1111		°9x	m	P / 1/1	~ 00		
	100 × 4		100 × 4	100 × 4	100 × 4	100 × 4		

Fig. 18.7. Semitic representations of the number 100. Attested examples are given in solid lines; reconstructed examples in outline. For sources, see list of references in Fig. 18.2 and 18.5.

Figure 7. Sample from Ifrah 1998 showing the Phoenician number ONE HUNDRED.

TEXTE PHÉNICIEN.

CORPUS INSCRIPTIONUM SEMITICARUM, 1, 3. AU LOUVRE.

```
754 M7544 1 111 - 0994
        yklml 1+3+10
klm
                          ^{\circ}bra
                                             tn\check{s}b
                                                              ḥryb
du roi du règne
                                      dix
                                            en l'an
                                                     de Bol
                          quatre
                          744
             744 17591
   41594
                                  99
                                       41596
                                                   754 9405444
                           klm
    mndş
                   tnbt
                                 nb
                                         mndş
                                                    klm
                                                           rz<sup>c</sup>nmša
.des Sidoniens roi Tabnit
                                 fils
                                     des Sidoniens
                          du roi
                                                          Ešmunazar
49
        144N5
                     9444
                                 41544
                                          744 94054444
                                                           744 494
                     rmal
                                  mnds
avant j'ai été déposé : en ces termes des Sidoniens roi Esmunazar le roi A dit
                                    p4A
         ša z rbk b w z tlh
                                            9 754 974 4 Apo
                                           b kna bkš w
.j'ai construit que ce tombeau dans et ce sarcophage dans je repose et mon temps
4 97 4 PAK APIN 44 444 47 4 PAKHH 47 PK NH58
                  htpy la mda lk w tklmm
                                                              ymnķ
  .cette tombe
               qu'il n'ouvre pas homme tout et
                                            roi
                                                              J'adjure
                                                   tout
     NOTICES.
                                                         IMPRIMENIE NATIONALE.
```

Figure 8. Phoenician text sample from Fossey 1948. The text is from the Sarcophagus of Eshmunazar which is now in the Louvre. Compare the coloured lines with those in Figure 11.

Figure 9. Phoenician font samples. Sidon (Michael Everson); Eshmoon (Salim G. Khalaf), Phoenician Moabite (David Myriad Rosenbaum), and Phtem (Maroun Kassab)

454~4544~05444444445451111 - 034×444665434343444 ph~ No yx by sary by a ~ 05 y wx y by a a y 5 a ~ y by 15 a p y by a 4~44 w4/mx & 1,7m 4x 44x 444 1,444 44 44 1,48 m4 50 1,544 44 44 yasakyomuxyxmayuyfd&fmxxumuxyx~ayuyfdo&fgmuxyaxdy 0q~45gy45gm4x4qgqqqqqm4x4yx)qpxgy~yy45gm4x~gg~ ~ 44594~4~x = ~ 4x 4 444/x 4~ 4~ 3454x 3454 \x x454 \x x454 \x FMXXWMWXYX~AYWYFGO&FJMWXXAYAXYXFYGYYFMXYGFY 24459m/069/6~N558545X4~4~4~108694409649 papuoyxmyx 445axy 440~054 wxy 44595945 axy 441596454 F9Fmx1594x4544x45444~0544x454F9F45435F99F46455 5 X5 X 44 4 4 X 444 4 5 4 6 5 m X 5 4 m 4 4 m 4 4 5 4 4 5 4 4 5 6 5 m X 4 5 6 X yyly saxsls maoylogywha muothay sarloglhaynra xsaraysarslxl Phénicien classique corps 16 et 20 Sarcophage d'Echmounazat

Figure 10. Sample from Imprimerie Nationale 1990.

The text is from the Sarcophagus of Eshmunazar which is now in the Louvre. The Phoenician numbers ONE and TEN can be seen in the first line. Compare the coloured lines with those in Figure 8. A translation of the text of this inscription can be found at www.shsu.edu/~his_ncp/Eshmun.html. The reference glyphs for the code chart are based on this font style; the sarcophagus is shown below.



The Descendants of the Phoenician Alphabet

The Phoenician alphabet is the ancestor of many alphabets. Below are its most famous offspring English in black, Greek in purple, Hebrew in orange, and Arabic in turquoise. The earliest forms of the letters are in gray and go back before the Phoenician alphabet, to Egypt itself. The link between these forms and Phoenician ones is not certain, and here and there you will see question marks. Don't worry. This just means that there is a lot more for you to discover. We borrowed our alphabet from the Romans who borrowed most of their letters from the Etruscans [ee-TRUSS-kins], who lived in Italy, too. The Etruscans got their letters from the Greeks, who, in turn, got theirs from the Phoenicians. Each time the alphabet changed hands, it was transformed. For example, the Greeks put Y at the back of the alphabet along with X. The Romans invented G and put Z at the end. And the Europeans in the Middle Ages invented J, U, and W.

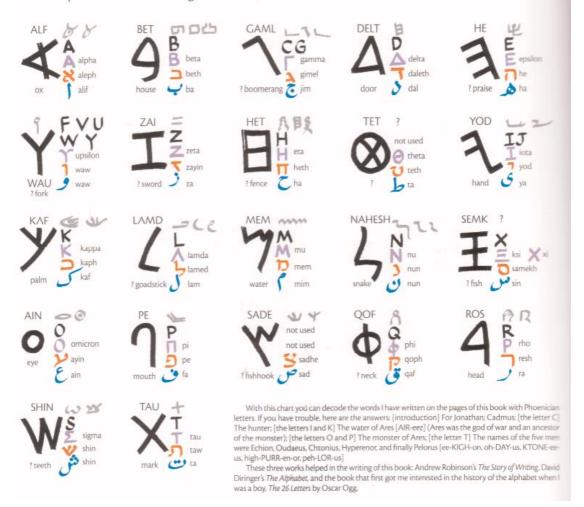


Figure 11. Sample from Rumford 2002. This delightful children's book is an example of non-scholarly yet educational use of Phoenician script in the context of the history of our alphabet. The character names Rumford uses are based on Theodor Nöldeke's reconstruction, except that he uses NAHESH 'snake' rather than NUN 'fish'.



Figure 12. A fragment of the Septuagint dated between 50 BCE and 50 CE. The fragments is part of the "Nahal Hever Minor Prophets" collection, containing fragments of Jonah, Micah, Nahum, Habakkuk, Zephaniah and Zechariah found in the Nahal Hever cave, south of Qumran. The Tetragrammaton in Phoenician script is indicated with the large black arrow; the rest of the text is Greek.

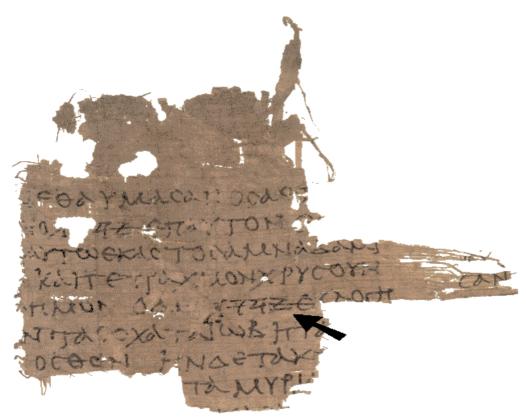


Figure 13. A fragment of Job 42, again containing the Tetragrammaton in Phoenician script alongside Greek text. Apparently no copies of the Septuagint dated before the mid-2nd century CE substitutes the Tetragrammaton with Κυριος 'LORD'. Sample from www.eliyah.com/lxx.html

חשפים דיני דיאשונבה דגלי יאי עדינוניכה
חשפי דיליא התבהלהת לשלדי בעינוניכה
הפיל ישעים עדיני תרותנה לייא שכחתי
העות לילה ייקים להדינת לכה על כשנסי עדיקבה
הער יע לפול יאשר דייאפה ולשופיי נקודינה
הטונה יג בו בליאה הייאפה לשופיי נקודינה

Figure 14. A text from Qumran, containing the Tetragrammaton in Phoenician script (Palaeo-Hebrew variant) alongside Hebrew text.

(PHÉNICIEN, GREC ET NÉO-PUNIQUE.)

VALEUI	PHÉNICIEN ARCHAÏQUE.	PHÉNICIEN ANCIEN.	NOM.	GREC.	NOM.	PHÉNICIEN RÉCENT.	NÉO-PUNIQUE.
,	K	≮	alef	A	alfa	1	X
b	9	9	bet	В	bēta	9	9,
g	1	٨	gimel	Г	gamma	٨	٨
d		Δ	dalet	Δ	delta	4	9)
h	∄	7	hć	E	epsilon	1	Я
w	ሃ	Υ	waw	ΥF	upsilon digamma	۱ ۲	٣
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Figure 15. Table of Archaic Phoenician, Old Phoenician, Greek, Late Phoenician, and cursive Neo-Punic letterforms from Fossey 1948.

TABLE XX - Row 109: PHOENICIAN

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G = 00 P = 01

TABLE XX - Row 109: PHOENICIAN

hex	Name	hex	Name
00 01 02 03 04 05 06 07 08 09 0A 0B 0C 0D 0E 11 12 13 14 15 16 17 18 19 1A 1B 1C 1D 1E 1F	PHOENICIAN LETTER ALF PHOENICIAN LETTER GAML PHOENICIAN LETTER GAML PHOENICIAN LETTER DELT PHOENICIAN LETTER WAU PHOENICIAN LETTER WAU PHOENICIAN LETTER TET PHOENICIAN LETTER TET PHOENICIAN LETTER TET PHOENICIAN LETTER WAD PHOENICIAN LETTER WAD PHOENICIAN LETTER SAMD PHOENICIAN LETTER SEMK PHOENICIAN LETTER SADE PHOENICIAN LETTER SADE PHOENICIAN LETTER SAP PHOENICIAN SAP		