

Universal Multiple-Octet Coded Character Set
 International Organization for Standardization
 Международная организация по стандартизации

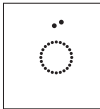
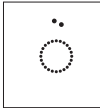
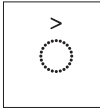
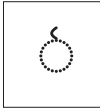
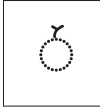
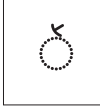
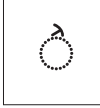
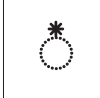
Doc Type: Working Group Document
Title: Additional Hebrew cantillation characters for the UCS
Source: Michael Everson
Status: Working Document
Date: 1998-05-25

This document proposes several Hebrew cantillation characters for inclusion in the UCS, and discusses the rationale for their inclusion.

These characters derive from ISO/TC46/SC4 standard ISO 8957:1996.

The characters proposed to be added here are given below, with proposed code positions. The proposal summary form is appended thereafter.

05F5 HEBREW ACCENT ACUTE TSERE
 05F6 HEBREW ACCENT GRAVE TSERE
 05F7 HEBREW ACCENT SAMARIAN QAMATS
 05F8 HEBREW ACCENT DAGESH
 05F9 HEBREW ACCENT BABYLONIAN PATAH
 05FA HEBREW ACCENT BABYLONIAN QAMATS
 05FB HEBREW ACCENT BABYLONIAN DAGESH
 05FC HEBREW ACCENT ASTERISK

05F5:	
05F6:	
05F7:	
05F8:	
05F9:	
05FA:	
05FB:	
05FC:	

A. Administrative

1. Title

Additional Hebrew cantillation characters for the UCS

2. Requester's name

Michael Everson, EGT (WG2 member for Ireland)

3. Requester type

Expert contribution

4. Submission date

1998-05-25

5. Requester's reference

6a. Completion

This is a complete proposal.

6b. More information to be provided?

No

B. Technical -- General

1a. New script? Name?

No.

1b. Addition of characters to existing block? Name?

Yes. Extended Hebrew.

2. Number of characters

8

3. Proposed category

Category A

4. Proposed level of implementation and rationale

Level 3 combining characters.

5a. Character names included in proposal?

Yes

5b. Character names in accordance with guidelines?

Yes

5c. Character shapes reviewable?

Yes

6a. Who will provide computerized font?

Michael Everson, Everson Gunn Teoranta

6b. Font currently available?

Yes

6c. Font format?

TrueType

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

Yes. ISO 8957:1996

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

Hardcopy is provided to WG2 for distribution.

See also <http://www.indigo.ie/egt/standards/iso10646/pdf/iso-8957.pdf>

8. Does the proposal address other aspects of character data processing?

No. These are combining characters like other cantillation marks in the UCS.

C. Technical -- Justification

1. Contact with the user community?

Yes: ISO/TC46/SC4, U.S. Library of Congress.

2. Information on the user community?

Users of ISO 8957:1996

3a. The context of use for the proposed characters?

Cantillated Hebrew. Compatibility with ISO 8957:1996

3b. Reference

4a. Proposed characters in current use?

Yes

4b. Where?

Implementations of ISO 8957:1996

5a. Characters should be encoded entirely in BMP?

Yes.

5b. Rationale

Contemporary use and keeping them with the other Hebrew characters.

6. Should characters be kept in a continuous range?

No. ISO/TC467/SC4 has said that all of these characters were requested by Israel when ISO 8957:1996 was being developed, so unification of any of these characters with other cantillation marks in the UCS would be incorrect.

7a. Can the characters be considered a presentation form of an existing character or character sequence?

No.

7b. Where?

7c. Reference

8a. Can any of the characters be considered to be similar (in appearance or function) to an existing character?

No

8b. Where?

8c. Reference

9a. Combining characters or use of composite sequences included?

These are all combining characters

9b. List of composite sequences and their corresponding glyph images provided?

No

10. Characters with any special properties such as control function, etc. included?

No

D. SC2/WG2 Administrative

To be completed by SC2/WG2

1. Relevant SC 2/WG 2 document numbers:

2. Status (list of meeting number and corresponding action or disposition)

3. Additional contact to user communities, liaison organizations etc.

4. Assigned category and assigned priority/time frame

Other Comments