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

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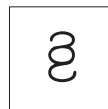**Date:** **1998-05-25**

This document proposes several signature mark characters and one Roman numeral for inclusion in the UCS, and discusses the rationale for their inclusion.

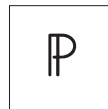These characters derive from ISO/TC46/SC4 standard ISO 5426-2:1996.

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

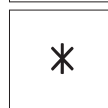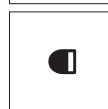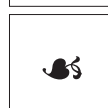|	
2048 REVERSED SECTION SIGN	
2049 REVERSED PILCROW SIGN	
2139 LATIN CAPITAL LETTER ROTATED Q	2047:
2183 ROMAN NUMERAL REVERSED ONE HUNDRED	
2614 SIX-SPOKED ASTERISK	2048:
2615 BLACK LEFTWARDS BULLET	
2616 BLACK RIGHTWARDS BULLET	2139:
2768 REVERSED ROTATED FLORAL HEART BULLET	
	2183:
	2614:
	2615:
	2616:
	2768:
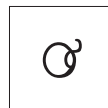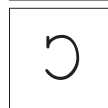
A. Administrative

1. Title

Additional signature mark 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. Various blocks could be proposed: General Punctuation; Letterlike Symbols, Number Forms; Miscellaneous Symbols; Dingbats

2. Number of characters

8

3. Proposed category

Category A

4. Proposed level of implementation and rationale

Level 1 noncombining 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 5426-2:1996

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-5426-2.pdf

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

No

C. Technical -- Justification

1. Contact with the user community?
Yes: ISO/TC46/SC4, U.S. Library of Congress.
2. Information on the user community?
Librarians and publishers
3a. The context of use for the proposed characters?
Signature marks (except for the Roman numeral which is used as a Roman numeral). Compatibility with ISO 5426-2:1996.
3b. Reference
See above
4a. Proposed characters in current use?
Yes
4b. Where?
Implementations of ISO 5426-2:1996.
5a. Characters should be encoded entirely in BMP?
Yes.
5b. Rationale
General purpose symbols used in publishing
6. Should characters be kept in a continuous range?
No.
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. Ordinary ASTERISK can have 5 or 6 or 8 points but SIX-POINTED ASTERISK used as a signature mark is always given with 6 points.
8b. Where?
8c. Reference
9a. Combining characters or use of composite sequences included?
No. Signature marks normally occur in matched reversed pairs, so unifying ¶ and ⁋ (etc.) would be a mistake.
9b. List of composite sequences and their corresponding glyph images provided?
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