

# UC Irvine

## Unicode Project

### Title

A proposal to encode a combining diacritic in the UCS

### Permalink

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**ISO/IEC JTC 1/SC 2/WG 2  
PROPOSAL SUMMARY FORM TO ACCOMPANY SUBMISSIONS  
FOR ADDITIONS TO THE REPERTOIRE OF ISO/IEC 10646<sup>1</sup>**

Please fill all the sections A, B and C below.

(Please read Principles and Procedures Document for guidelines and details before filling this form.)

See <http://www.dkuug.dk/JTC1/SC2/WG2/docs/summaryform.html> for latest Form.

See <http://www.dkuug.dk/JTC1/SC2/WG2/docs/principles.html> for latest Principles and Procedures document.

See <http://www.dkuug.dk/JTC1/SC2/WG2/docs/roadmaps.html> for latest roadmaps.

**A. Administrative**

1. **Title:** **Proposal to encode one additional combining diacritic in the UCS**  
 2. Requester's name: **Thesaurus Linguae Graecae Project (University of California, Irvine) and UTC**  
 3. Requester type (Member body/Liaison/Individual contribution): **Expert Contribution**  
 4. Submission date: **2003-06-11**  
 5. Requester's reference (if applicable):  
 6. This is a complete proposal:

**B. Technical - General**

1. (Choose one of the following:)
- a. This proposal is for a new script (set of characters): \_\_\_\_\_  
 Proposed name of script: \_\_\_\_\_
- b. The proposal is for addition of character(s) to an existing block: **Yes**  
 Name of the existing block: **Combining Diacritical Marks (0359)**
2. Number of characters in proposal: **1**
3. Proposed category (see section II, Character Categories): **Category C**
4. Proposed Level of Implementation (1, 2 or 3) (see clause 14, ISO/IEC 10646-1: 2000): **Level 3**  
 Is a rationale provided for the choice? **Yes**  
 If Yes, reference: **Combining Character**
5. Is a repertoire including character names provided? **Yes**
- a. If YES, are the names in accordance with the 'character naming guidelines  
 in Annex L of ISO/IEC 10646-1: 2000? **Yes**
- b. Are the character shapes attached in a legible form suitable for review? **Yes**
6. Who will provide the appropriate computerized font (ordered preference: True Type, or PostScript format) for  
 publishing the standard? **David Perry and TLG Project (True Type)**  
 If available now, identify source(s) for the font (include address, e-mail, ftp-site, etc.) and indicate the tools  
 used: **TLG Project, mcpantel@uci.edu**
- a. Are references (to other character sets, dictionaries, descriptive texts etc.) provided? **Yes**  
 b. Are published examples of use (such as samples from newspapers, magazines, or other sources)  
 of proposed characters attached? **Yes**
8. Special encoding issues:  
 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)? **No**
9. Additional Information: **The property for this character is Mn**  
 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  
<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.

<sup>1</sup> Form number: N2352-F (Original 1994-10-14; Revised 1995-01, 1995-04, 1996-04, 1996-08, 1999-03, 2001-05, 2001-09)

**C. Technical - Justification**

1. Has this proposal for addition of character(s) been submitted before? If YES explain _____	<b>No</b>
2. Has contact been made to members of the user community (for example: National Body, user groups of the script or characters, other experts, etc.)? If YES, with whom? _____ If YES, available relevant documents: _____	<b>Yes</b> <b>Members of the scholarly community</b>
3. Information on the user community for the proposed characters (for example: size, demographics, information technology use, or publishing use) is included? Reference: _____	<b>Scholars</b>
4. The context of use for the proposed characters (type of use; common or rare) :  Reference: _____	<b>Common in editions of Greek texts</b> <b>See proposal</b>
5. Are the proposed characters in current use by the user community? If YES, where? <b>Character present in various editions of Greek and Latin texts, used by Classical scholars.</b> Reference: _____	<b>Yes</b> <b>See proposal</b>
6. After giving due considerations to the principles in <i>Principles and Procedures document</i> (a WG 2 standing document) must the proposed characters be entirely in the BMP? If YES, is a rationale provided? _____ If YES, reference: _____	<b>Yes</b> <b>Accordance with the Roadmap</b>
7. Should the proposed characters be kept together in a contiguous range (rather than being scattered)?	<b>N/A</b>
8. Can any of the proposed characters be considered a presentation form of an existing character or character sequence? If YES, is a rationale for its inclusion provided? _____ If YES, reference: _____	<b>No</b>
9. Can any of the proposed characters be encoded using a composed character sequence of either existing characters or other proposed characters? If YES, is a rationale for its inclusion provided? _____ If YES, reference: _____	<b>No</b>
10. Can any of the proposed character(s) be considered to be similar (in appearance or function) to an existing character? If YES, is a rationale for its inclusion provided? _____ If YES, reference: _____	<b>No</b>
11. 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)? If YES, is a rationale for such use provided? _____ If YES, reference: _____ Is a list of composite sequences and their corresponding glyph images (graphic symbols) provided? _____ If YES, reference: _____	<b>Yes</b>
12. Does the proposal contain characters with any special properties such as control function or similar semantics? If YES, describe in detail (include attachment if necessary) _____	<b>No</b>
13. Does the proposal contain any Ideographic compatibility character(s)? If YES, is the equivalent corresponding unified ideographic character(s) identified? _____ If YES, reference: _____	<b>No</b>

## Proposal

Editing and typesetting ancient fragmentary papyri requires an array of editorial characters to indicate, e.g., a letter which cannot be read, a letter which has been inserted by the editor or a letter which was inserted in antiquity.

The **Combining Asterisk Below** is used to mark a letter that was altered in antiquity, and so to distinguish this alteration from a modern editorial alteration.

The property of this character is “Mn”.

## Bibliography

Janko, R., *Philodemus On Poems Book I* (Oxford, 2000)

Kenyon F.G. & Bell H.I., *Greek Papyri in the British Museum III (Nos. 485—1331)* (London, 1907)

Kenyon, F.G., *The Palaeography of Greek Papyri*. (Oxford, 1899)

Kenyon, F.G., “Abbreviations and Symbols in Greek Papyri” in Oikonomides, A. N. (ed), *Abbreviations in Greek Inscriptions: Papyri, Manuscripts and Early Printed Books* (Chicago, 1974)

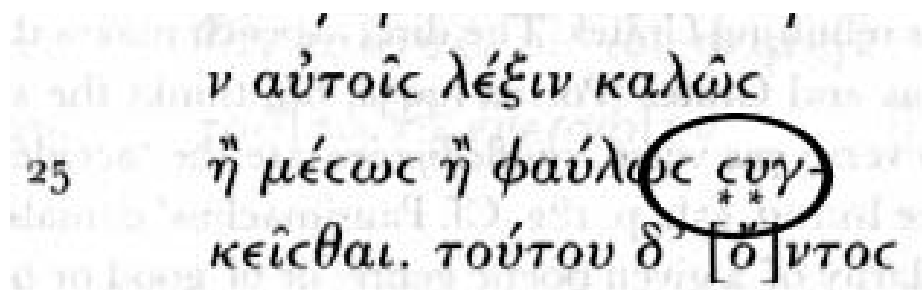
*Thesaurus Linguae Graecae, Beta Code Manual* (University of California, Irvine, 2002)

Turner, E.G. with Parsons, P.J., *Greek Manuscripts of the Ancient World* 2<sup>nd</sup> ed. (London, 1987)

Wattenbach, W., *Anleitung zur Griechischen Palaeographie*. 3<sup>rd</sup> ed. (Leipzig, 1987)

Zimmermann, F., *Griechische Roman-Papyri und verwandte Texte* (Heidelberg, 1936)

## Example

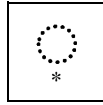


Philodemus, *On Poems* 77.25<sup>2</sup>

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<sup>2</sup> Janko, R., *Philodemus On Poems Book I* (Oxford, 2000) 270

**TABLE 0300-036F: COMBINING DIACRITICAL MARKS**



0359  
COMBINING ASTERISK BELOW