

**ISO/IEC JTC 1/SC 2/WG 2
PROPOSAL SUMMARY FORM TO ACCOMPANY SUBMISSIONS
FOR ADDITIONS TO THE REPERTOIRE OF ISO/IEC 10646¹.**

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

Please read Principles and Procedures Document (P & P) from <http://www.dkuug.dk/JTC1/SC2/WG2/docs/principles.html> for guidelines and details before filling this form.

Please ensure you are using the latest Form from <http://www.dkuug.dk/JTC1/SC2/WG2/docs/summaryform.html>.
See also <http://www.dkuug.dk/JTC1/SC2/WG2/docs/roadmaps.html> for latest Roadmaps.

A. Administrative

1. Title:	Ordinal indicator symbols
2. Requester's name:	<i>Dmitry Morozhnikov</i>
3. Requester type (Member body/Liaison/Individual contributor):	<i>Individual contributor</i>
4. Submission date:	<i>2008-05-14</i>
5. Requester's reference (if applicable):	
6. Choose one of the following:	
This is a complete proposal:	<input type="checkbox"/> YES
(or) More information will be provided later:	<input type="checkbox"/>

B. Technical – General

1. Choose one of the following:	
a. This proposal is for a new script (set of characters):	<input type="checkbox"/> NO
Proposed name of script:	
b. The proposal is for addition of character(s) to an existing block:	<input type="checkbox"/> YES
Name of the existing block:	<i>Symbols Area</i>
2. Number of characters in proposal:	<input type="text" value="5"/>
3. Proposed category (select one from below - see section 2.2 of P&P document):	
A-Contemporary <input type="checkbox"/>	B.1-Specialized (small collection) <input type="checkbox"/>
B.2-Specialized (large collection) <input type="checkbox"/>	C-Major extinct <input checked="" type="checkbox"/>
D-Attested extinct <input type="checkbox"/>	E-Minor extinct <input type="checkbox"/>
F-Archaic Hieroglyphic or Ideographic <input type="checkbox"/>	G-Obscure or questionable usage symbols <input type="checkbox"/>
4. Is a repertoire including character names provided?	<input type="checkbox"/> YES
a. If YES, are the names in accordance with the "character naming guidelines" in Annex L of P&P document?	<input type="checkbox"/> YES
b. Are the character shapes attached in a legible form suitable for review?	<input type="checkbox"/> YES
5. Who will provide the appropriate computerized font (ordered preference: True Type, or PostScript format) for publishing the standard?	<input type="checkbox"/> <i>Dmitry Morozhnikov</i>
If available now, identify source(s) for the font (include address, e-mail, ftp-site, etc.) and indicate the tools used:	<i>dmiceman@ubiz.ru</i>
6. References:	
a. Are references (to other character sets, dictionaries, descriptive texts etc.) provided?	<input type="checkbox"/> YES
b. Are published examples of use (such as samples from newspapers, magazines, or other sources) of proposed characters attached?	<input type="checkbox"/> NO
7. 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)?	<input type="checkbox"/> NO

8. Additional Information:

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/UCD.html> and associated Unicode Technical Reports for information needed for consideration by the Unicode Technical Committee for inclusion in the Unicode Standard.

¹ Form number: N3152-F (Original 1994-10-14; Revised 1995-01, 1995-04, 1996-04, 1996-08, 1999-03, 2001-05, 2001-09, 2003-11, 2005-01, 2005-09, 2005-10, 2007-03, 2008-05)

C. Technical - Justification

1. Has this proposal for addition of character(s) been submitted before? If YES explain _____	NO
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: _____	NO
3. Information on the user community for the proposed characters (for example: size, demographics, information technology use, or publishing use) is included? Reference: _____	
4. The context of use for the proposed characters (type of use; common or rare) Reference: http://en.wikipedia.org/wiki/Ordinal_indicator	COMMON
5. Are the proposed characters in current use by the user community? If YES, where? Reference: http://en.wikipedia.org/wiki/Ordinal_indicator	YES
6. After giving due considerations to the principles in the P&P document must the proposed characters be entirely in the BMP? If YES, is a rationale provided? If YES, reference: P&P Ch.2.1 A	YES YES
7. Should the proposed characters be kept together in a contiguous range (rather than being scattered)?	NO
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: http://en.wikipedia.org/wiki/Ordinal_indicator	YES YES
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: http://en.wikipedia.org/wiki/Ordinal_indicator	YES YES
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: _____	NO
11. Does the proposal include use of combining characters and/or use of composite sequences? 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: _____	NO
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) _____ _____	NO
13. Does the proposal contain any Ideographic compatibility character(s)? If YES, is the equivalent corresponding unified ideographic character(s) identified? If YES, reference: _____	NO

Introduction.

Ordinal indicators are in wide use in English for centuries. While it is common today to write them as a inline suffixes, like “st”, “nd”, “rd”, “th”, they should be considered as a special characters with a special, distinguished meaning. Historically, they should be written as superscript, like “1st”, which is available in many word processors today and in HTML markup language. Although, that is impossible to use proper graphical representation of this symbols without support from the markup language, despite of somewhat wide demand, and, therefore it is a good idea to include them in the Unicode standard, to the BMP because of wide current use.

D. Proposed Characters

U+2FEB	ENGLISH ORDINAL INDICATOR ST	1 st	
U+2FEC	ENGLISH ORDINAL INDICATOR ND	2 nd	
U+2FED	ENGLISH ORDINAL INDICATOR RD	3 rd	
U+2FEE	ENGLISH ORDINAL INDICATOR TH	4 th	
U+2FEF	ENGLISH ORDINAL INDICATOR D	2 ^d , 3 ^d	Shorthand variation for U+2FEC and U+2FED ("Chicago style")

E. Other Information

Although this is common to display English ordinal indicators as a superscript letters, particular graphical representation should be left for font implementation.