

**Doc Type: Working Group Document**

**Title: Proposal to encode a modifier letter used in French abbreviations in the UCS**

**Source: Karl Pentzlin**

**Status: Individual Contribution**

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

**Date: 2010-07-13**

q U+A7F7 MODIFIER LETTER SMALL Q  
≈ <sup> 0071 q

### Properties:

A7F7;MODIFIER LETTER SMALL Q;Lm;0;L;<sup> 0071;;;;N;;;;;

### Rationale

French abbreviations of single words often are done by showing the last letter, phoneme, or syllable of the word as superscript, instead of showing an abbreviation dot or similar. As abbreviations of this kind are plain text, the abbreviation method being a fixed convention like the use of punctuation marks, it is desirable to have the possibility to use modifier letters in this case, rather than to have to rely on markup or higher level protocols.

Of the basic Latin alphabet (a-z), all necessary letters are already encoded, except the q.

However, the q is also used, as the following photos of signposts in Paris (taken 2010-07-11/12) show (the abbreviation Biblio<sup>que</sup> stands for Bibliothéque; the lower pictures are enlarged details):



Having the MODIFIER SMALL LETTER Q encoded, the complete table of the encoded superscript variants of the lowercase basic Latin letters a-z is:

a: U+1D43 MODIFIER LETTER SMALL A  
b: U+1D47 MODIFIER LETTER SMALL B  
c: U+1D9C MODIFIER LETTER SMALL C  
d: U+1D48 MODIFIER LETTER SMALL D  
e: U+1D49 MODIFIER LETTER SMALL E  
f: U+1DA0 MODIFIER LETTER SMALL F  
g: U+1D4D MODIFIER LETTER SMALL G  
h: U+02B0 MODIFIER LETTER SMALL H  
i: U+2071 SUPERSCRIPT LATIN SMALL LETTER I  
j: U+02B2 MODIFIER LETTER SMALL J  
k: U+1D4F MODIFIER LETTER SMALL K  
l: U+02E1 MODIFIER LETTER SMALL L  
m: U+1D50 MODIFIER LETTER SMALL M  
n: U+207F SUPERSCRIPT LATIN SMALL LETTER N  
o: U+1D52 MODIFIER LETTER SMALL O  
p: U+1D56 MODIFIER LETTER SMALL P  
q: *U+A7F7 MODIFIER LETTER SMALL Q # this is the character proposed here*  
r: U+02B3 MODIFIER LETTER SMALL R  
s: U+02E2 MODIFIER LETTER SMALL S  
t: U+1D57 MODIFIER LETTER SMALL T  
u: U+1D58 MODIFIER LETTER SMALL U  
v: U+1D5B MODIFIER LETTER SMALL V  
w: U+02B7 MODIFIER LETTER SMALL W  
x: U+02E3 MODIFIER LETTER SMALL X  
y: U+02B8 MODIFIER LETTER SMALL Y  
z: U+1DBB MODIFIER LETTER SMALL Z

**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 (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:	<b>Proposal to encode a modifier letter used in French abbreviations in the UCS</b>
2. Requester's name:	<i>Karl Pentzlin</i>
3. Requester type (Member body/Liaison/Individual contribution):	<i>Individual contribution</i>
4. Submission date:	<i>2010-07-13</i>
5. Requester's reference (if applicable):	
6. Choose one of the following:	
This is a complete proposal:	<input checked="" 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 checked="" type="checkbox"/> Yes	
Name of the existing block:	<i>Latin Extended-D</i>	
2. Number of characters in proposal:	<input type="checkbox"/> 1	
3. Proposed category (select one from below - see section 2.2 of P&P document):		
A-Contemporary <input checked="" type="checkbox"/>	B.1-Specialized (small collection) <input type="checkbox"/>	B.2-Specialized (large collection) <input type="checkbox"/>
C-Major extinct <input 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 checked="" type="checkbox"/> Yes	
a. If YES, are the names in accordance with the "character naming guidelines" in Annex L of P&P document?	<input checked="" type="checkbox"/> Yes	
b. Are the character shapes attached in a legible form suitable for review?	<input checked="" type="checkbox"/> Yes	
5. Fonts related:		
a. Who will provide the appropriate computerized font to the Project Editor of 10646 for publishing the standard?		
<i>Not necessary; glyph is a straightforward modification (superscripting) of an existing character</i>		
b. Identify the party granting a license for use of the font by the editors (include address, e-mail, ftp-site, etc.):		
6. References:		
a. Are references (to other character sets, dictionaries, descriptive texts etc.) provided?	<input checked="" type="checkbox"/> Yes	
b. Are published examples of use (such as samples from newspapers, magazines, or other sources) of proposed characters attached?	<input checked="" type="checkbox"/> Yes	
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.

<sup>1</sup> Form number: N3702-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, 2009-11)

**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:	see text	Yes
4. The context of use for the proposed characters (type of use; common or rare) Reference:	see text	common
5. Are the proposed characters in current use by the user community? If YES, where? Reference:	see text	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:	to keep it in line with similar characters	Yes Yes
7. Should the proposed characters be kept together in a contiguous range (rather than being scattered)?		N/A
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:		No
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:		No
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