ISO/IEC JTC 1/SC 2/WG 2
PROPOSAL SUMMARY FORM TO ACCOMPANY SUBMISSIONS
FOR ADDITIONS TO THE REPERTOIRE OF ISO/IEC 10646[1]
Please fill all the sections A, B and C below.
Please read Principles and Procedures Document (P & P) from http://std.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://std.dkuug.dk/JTC1/SC2/WG2/docs/summaryform.html **.**
See also http://std.dkuug.dk/JTC1/SC2/WG2/docs/roadmaps.html **for latest *Roadmaps*.**

A. Administrative

1. **Title:** *Proposal to encode Latin small capital letter Q*
2. Requester's name: *Severin Barmeier*
3. Requester type (Member body/Liaison/Individual contribution): *Individual contribution*
4. Submission date: *10-10-2015*
5. Requester's reference (if applicable):
6. Choose one of the following:
   This is a complete proposal: *Yes*
   (or) More information will be provided later:

B. Technical – General

1. Choose one of the following:
   a. This proposal is for a new script (set of characters): *No*
      Proposed name of script:
   b. The proposal is for addition of character(s) to an existing block: *Yes*
      Name of the existing block: *Latin Extended-D*
2. Number of characters in proposal: *1*
3. Proposed category (select one from below - see section 2.2 of P&P document):
   A-Contemporary ___ B.1-Specialized (small collection) _X_ B.2-Specialized (large collection) ___
   C-Major extinct ___ D-Attested extinct ___ E-Minor extinct ___
   F-Archaic Hieroglyphic or Ideographic ___ G-Obscure or questionable usage symbols ___
4. 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 P&P document? *Yes*
   b. Are the character shapes attached in a legible form suitable for review? *Yes*
5. Fonts related:
   a. Who will provide the appropriate computerized font to the Project Editor of 10646 for publishing the standard?
   Not necessary; glyph is a small modification of existing letter (if needed, the requester may provide such a font)
   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? *Yes*
   b. Are published examples of use (such as samples from newspapers, magazines, or other sources)
      of proposed characters attached? *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)? *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 Unicode Character Database (http://www.unicode.org/reports/tr44/) and associated Unicode Technical Reports for information needed for consideration by the Unicode Technical Committee for inclusion in the Unicode Standard.

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[1] Form number: N4502-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, 2011-03, 2012-01)

C. Technical - Justification

1. Has this proposal for addition of character(s) been submitted before? _Yes_

    If YES explain   _Submitted as L2/11-208 "Proposal to encode missing Latin small capital and modifier letters"_

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.)? _Yes_

    If YES, with whom?   _Researchers in the field of Japanese linguistics_

    If YES, available relevant documents:

3. Information on the user community for the proposed characters (for example: size, demographics, information technology use, or publishing use) is included? _Yes_

    Reference: _See text_

4. The context of use for the proposed characters (type of use; common or rare) _rare_

    Reference: _See text_

5. Are the proposed characters in current use by the user community? _Yes_

    If YES, where? Reference:

6. After giving due considerations to the principles in the P&P document must the proposed characters be entirely in the BMP? _Yes_

    If YES, is a rationale provided? _Yes_

    If YES, reference: _See text_

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? _No_

    If YES, is a rationale for its inclusion provided?

    If YES, reference:

9. Can any of the proposed characters be encoded using a composed character sequence of either existing characters or other proposed characters? _No_

    If YES, is a rationale for its inclusion provided?

    If YES, reference:

10. Can any of the proposed character(s) be considered to be similar (in appearance or function) to, or could be confused with, an existing character? _No_

    If YES, is a rationale for its inclusion provided?

    If YES, reference:

11. Does the proposal include use of combining characters and/or use of composite sequences? _No_

    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:

12. Does the proposal contain characters with any special properties such as control function or similar semantics? _No_

    If YES, describe in detail (include attachment if necessary)

13. Does the proposal contain any Ideographic compatibility characters? _No_

    If YES, are the equivalent corresponding unified ideographic characters identified?

    If YES, reference:

Proposal

The Latin small capital Q appears in scholarly articles discussing Japanese linguistics. Currently, besides usual small letters, the following "dependent" phonemes are used in the linguistic literature: /ʜ/ or /ʀ/ for lengthening, /Q/ for gemination and /ɴ/ as a syllable-final nasal. (For example, see the first footnote in Oshima [1].)

Generally, throughout linguistics, phonemic notation uses the following letters:
- small Latin letters,
- small Latin capital letters,
- notation borrowed from the International Phonetic Alphabet (IPA), which when resembling capital letters are *small* capital letters and otherwise stylistically always resemble *small* letters (e.g. in Japanese, the phoneme /ɴ/ is often pronounced [ɴ], where ɴ is the IPA notation for a "uvular nasal").

For Japanese, too, phonemic notation in all-small letters (including small capital letters) would be the most natural choice. Currently, a complete set of (traditional) phonemes may only be given as / a i u e o k g s z t d n h b p m y r w ʜ ɴ Q /, with no small capital Q. (Other non-traditional phonemes or different notation in the literature would include / š ǰ c č f j ɯ /, which we note are all small letters.)

In fact, before Unicode, there are already publications using what should be LATIN LETTER SMALL CAPITAL Q, such as Akinaga [2]. However, for lack for a small capital Q in Unicode, many authors revert to capital letters for the "dependent" phonemes / ʜ ɴ Q /, i.e. writing the phonemes as / a i u e o k g s z t d n h b p m j r w H N Q /, which is at odds with the usual practice in linguistics of using small letters for phonemes.

(In fact, in the literature, capital letters are sometimes reserved for other uses, such as indicating morphophonemes / -Ta / or irregular conjugation / aR- /.)

Proposed Character

Block: Latin Extended-D

LATIN LETTER SMALL CAPITAL Q

Previous proposal

This character was proposed for inclusion as part of proposal L2/11-208 "Proposal to encode missing Latin small capital and modifier letters in the UCS", which proposed to include *all* missing Latin small capital and modifier letters (a total of 19 characters). This proposal was not approved. However, we hope to have provided sufficient evidence that the proposed character LATIN LETTER SMALL CAPITAL Q was used and will be used at least in the field of Japanese linguistics.

References

[1] Oshima, D.Y, "On the morphological status of -te, -ta, and related forms in Japanese: evidence from accent placement", Journal of East Asian Linguistics, 23 (3) (2014): 233–265.
(available at http://www.gsid.nagoya-u.ac.jp/oshima/docs/tetataratari.pdf)

[2] Akinaga, K., "About so-called special syllables (special morae)" (Japanese), *Kōza Nihongo Kyōiku*, 4 (1968): pp. 36–51.
秋永, 一枝, "いわゆる特殊音節（特殊拍）について", 講座日本語教育, 第 4 分冊 (1968): 36–51.
(available at https://dspace.wul.waseda.ac.jp/dspace/handle/2065/3124)