## L2/19-319

## Proposal to encode two more Arabic honorifics

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## Background

The Unicode Technical Committee, in its meeting \#160 in July 2019, accepted fourteen Arabic honorifics proposed by the authors. Only characters for which we could find examples in running text were proposed in that document. Since then, we have found usage of two more honorifics in published material.

## Proposal

Encode the following two characters in the Unicode Standard (the figures column lists figures with examples):

| Glyph | Codepoint | Name and notes | Figures |
| :---: | :---: | :---: | :---: |
|  | FD4C | ARABIC LIGATURE SALLALLAHU ALAYHI WAAALIHEE WA-SALLAM | 1,2,3 |
|  | FD4D | ARABIC LIGATURE ALAYHAA AS-SALAAM | 4 |

The main character properties should be as follows:
FD4C;ARABIC LIGATURE SALLALLAHU ALAYHI WA-AALIHEE WA-SALLAM;So;0;ON;;;;;i;;;;
FD4D;ARABIC LIGATURE ALAYHAA AS-SALAAM;So;0;ON;;;;;i;;;;

The script property for all the characters should be Arabic. All other properties should be similar to U+FDFD ARABIC LIGATURE BISMILLAH AR-RAHMAN AR-RAHEEM.

## Suggestion for NamesLists.txt

FD4C ARABIC LIGATURE SALLALLAAHU ALAYHI WA-AALIHEE WA-SALLAM
x (arabic ligature sallallahou alayhe wasallam - FDFA)
x (arabic ligature sallallahu alayhi wa-aalih - FD46)
FD4D ARABIC LIGATURE ALAYHAA AS-SALAAM

## Notes

1. The character proposed at FD4C ARABIC LIGATURE SALLALLAAHU ALAYHI WA-AALIHEE WA-SALLAM is an alternate version of U+FDFA ARABIC LIGATURE SALLALLAHOU ALAYHE WASALLAM and U+FD47 ARABIC LIGATURE SALLALLAAHU ALAYHI WA-AALIH. All three, are used as honorifics for the prophet Muhammad. The newly proposed character, although used by both the Sunni and the Shi'a, is used more by the Shi'a.
2. The character names match the existing patterns in Unicode character names. The phrases have been transcribed with a key similar to that used in U+FDFD ARABIC LIGATURE BISMILLAH AR-RAHMAN AR-RAHEEM and the Quranic characters accepted at U+08D5..U+08D2 (see L2/14-105), as opposed to U+FDF0..U+FDFB and U+0610..U+0613. This is becuase the former pattern is more common among Arabic speakers.
3. The following twenty-five forms exist in some honorific fonts, but we haven't found evidence for their usage in published material yet. They may be proposed later:

| Glyph | Spelled out form |
| :---: | :---: |
|  | سلام الله عليهم اجمعين |
|  | صلوات الله عليه |
| عَالِئهِحوْ | صلوات الله عليها |
| بإِيْرَحِحِّاتِ | صلوات الله عليهما |
|  | صلوات الله |


| Glyph | Spelled out form |
| :---: | :---: |
|  | رحمها الله |
|  | رحمهم الله |
| - | رحمهما الله |
| , | رحمهن الله |
|  | جل وعلا |


|  | صلوات الله عليهم اجمعين |  | تبارك وتعالى |
| :---: | :---: | :---: | :---: |
|  | عجل الله تعالى فرجه الشريف |  | قدس سرهم |
|  | رحمة الله عليه | نِّرّسِّهُمْ | قدس سرهما |
| $L_{4+2}^{4}+\frac{4}{4}$ | رحمة الله عليها |  | قدس سره الشريف |
| $\frac{1-c}{+4 \\|+i}$ | رحمة الله عليهم |  | حفظه الله |
| $\underset{+4+4}{ }$ | رحمة الله عليهما |  | حفظها الله |
| $\stackrel{4}{+4}+\overrightarrow{4}$ | رحمة الله عليهن |  | حفظهم الله |
|  | رضوان الله |  |  |

## Samples of usage

$$
\begin{aligned}
& \text { "-- - - } \\
& \text { اكرم } \\
& \text { بالاخص عالمان شيعه فراهم ساخـ } \\
& \text { سنت آن بزرگوار را كه كمتر مورد ت } \\
& \text { تأليف و مهمتر از همه مورد عمل قر } \\
& \text { منظور آشنا ساختن عموم مردم بوير } \\
& \text { حكومتى رسول خدالِّ } \\
& \text { داد. اميد آنكه در درگاه حق تعالى }
\end{aligned}
$$

Figure 1. Sample for SALLALLAAHU ALAYHI WA-AALIHEE WA-SALLAM from Var'i 2007, p. 13.

برخیى از نويسندگان گفتهاند على عبدالرازق در كتابش به ولايت و حكومت پيامبر اين نويسندگان به شرح زير است:
(اكان سلطان النبى أمره في المسلمين مطاعاً و حكمه شامالًا فــلاشىء، مـمـا
 لانوع مما يتصور من الرئاسة و السلطان إلا و هـو داخـل تحت ولاية النبي على المؤمنين؛


Figure 2. Sample for SALLALLAAHU ALAYHI WA-AALIHEE WA-SALLAM used four times on a page, from Var'i 2007, p. 42.


تشريعى است.

Figure 3. Sample for SALLALLAAHU ALAYHI WA-AALIHEE WA-SALLAM, from Mahrizi 1996, p. 40.


Figure 4. Sample for ALAYHAA AS-SALAAM from al-Tafsir al-Ma'thur 2017, p. 226.

## Bibliography

1. Mahdi Mahrizi (ed.). 1996. Islamic Government: A Journal of Islamic Political Thought and Jurisprudence. Vol. 1, No. 1, Fall 1375 AP (=1996). Assembly of Experts of Iran. Qom. Accessed September 22, 2019. http://www.rcipt.ir/pdfmagazines/001/001.pdf
2. Markaz al-Dirāsāt wa-al-Ma'lūmāt al-Qur'ānīyah bi-Ma'had al-Imām al-Shāṭibī. 2017. Mawsu'a al-Tafsir al-Ma'thur. Dar Ibn Hazm.
3. Roozbeh Pournader and Mustafa Jibaly. 2019. "Proposal to encode fourteen Arabic honorifics." UTC Document Register L2/19-289R, The Unicode Consortium. https://unicode.org/L2/L2019/19289r-arabic-honorifics.pdf
4. Seyyed Javad Var'i (ed.). 2007. Islamic Government: A Journal of Islamic Political Thought and Jurisprudence. Vol. 11, No. 4, Jan-Mar 2007. Assembly of Experts of Iran. ISSN 1561-008X. Accessed September 21, 2019. http://www.rcipt.ir/pdfmagazines/042/042.pdf

## ISO/IEC JTC 1/SC 2/WG 2

PROPOSAL SUMMARY FORM TO ACCOMPANY SUBMISSIONS
FOR ADDITIONS TO THE REPERTOIRE OF ISO/IEC 10646

## A. Administrative

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1. Title: Proposal to encode two more Arabic honorifics
2. Requester's name: Roozbeh Pournader and Mustafa Jibaly
3. Requester Type: Expert Contribution
4. Submission date: September 29, }201
5. Requester's reference, if applicable: N/A
6. Choose one of the following:
This is a complete proposal: Yes
(or) More information will be provided later: No
```


## 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: N/A
b. The proposal is for addition of character(s) to an existing block: Yes

Name of existing block: Arabic Presentation Forms-A
2. Number of characters in proposal: 2
3. Proposed category: A-Contemporary
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? Pending
b. Identify the party granting a license for use of the font by the editors (include address, e-mail, ftp-site, etc.): Pending
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 endorse information)? Yes.
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.

## C. Technical - Justification

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

If YES explain: Examples for all proposed characters are now provided.
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? The first author used to live in Iran and has seen frequent examples of usage. There are various requests by the user community on social media.

If YES, available relevant documents: N/A
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 above
4. The context of use for the proposed characters (type of use; common or rare): Common. Some of them comparatively rare.

Reference: N/A
5. Are the proposed characters in current use by the user community? Yes

If YES, where? Reference: See above
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. Need to be next to similar characters. If YES, reference: N/A
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? Yes

If YES, is a rationale for its inclusion provided? Yes
If YES, reference: Similarity to already-encoded characters and different usage.
9. Can any of the proposed characters be encoded using a composed character sequence of either existing characters or other proposed characters? Yes

If YES, is a rationale for its inclusion provided? Yes
If YES, reference: See above
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? Yes

If YES, is a rationale for its inclusion provided? Yes. The proposed characters have different identities.
If YES, reference: See above
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? N/A
If YES, reference: $\mathbf{N} / \mathbf{A}$
Is a list of composite sequences and their corresponding glyph images (graphic symbols)
provided? N/A

If YES, reference: N/A
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): B/A
13. Does the proposal contain any Ideographic compatibility characters? No If YES, are the equivalent corresponding unified ideographic characters identified? N/A If YES, reference: $\mathbf{N} / \mathbf{A}$

