Response on the Encoding of TULU-TIGALARI LETTER ARCHAIC II

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1 Background Documents

L2/22-031 Updated proposal to encode the Tulu-Tigalari script in Unicode

L2/22-260 Proposal to encode three characters in Tulu-Tigalari

L2/22-248 Recommendations to UTC #173 November 2022 on Script Proposals (Section 7, Page 10)

2 Discussion

We had proposed to encode ∘0∘ TULU-TIGALARI LETTER ARCHAIC II in L2/22-260.

Currently, VOWEL II has canonical decomposition.

11383 ഌ ≡ 11382 ഌ + 113C9 ∘ⁿ

Other variants of vowels are handles as sequences. (from https://www.unicode.org/versions/Unicode16.0.0/core-spec/chapter-15/#G746413).

The alternate or rare forms of vowel letters *i, u, vocalic r, vocalic rr* and *vocalic l* should be handled as sequences, as shown in *Figure 15-4*.

Figure 15-4. Rare Forms of Tulu-Tigalari Vowels

11382 ഌ + 113B8 ∘ꞁ → ഌ

11382 ഌ + 113BC ∘ → ഌ

3 Request for Clarification and Approval

L2/22-248 raised a concern *'Because "ARCHAIC II" raised architectural issues, we recommend the UTC hold off encoding it at this time.'* However, ARCHAIC II is an atomic form, graphically distinct from TULU-TIGALARI LETTER II. Since it cannot be represented using sequences of any existing characters, we request SEWG to clarify the meaning of "architectural issues" in this context and provide guidance on how TULU-TIGALARI ARCHAIC II should be handled.

After considering various options, we believe that the best way to accurately represent older texts is to encode ARCHAIC II as a distinct character, like 0D5F ∘ൟ∘ MALAYALAM LETTER ARCHAIC II and request to the approve encoding of ∘0∘ 113DA TULU-TIGALARI LETTER ARCHAIC II based on L2/22-031.