**Neo-Brahmi Generation Panel (NBGP) and Sinhala Generation Panel (SGP) Cross-script Variant Code Points Meeting**

**Notes from meeting on 29 November 2018**

Meeting Attendees (in alphabetical order)

NBGP members:

1. U.B Pavanaja
2. Uma Maheshwar G

SGP members:

1. Harsha Wijayawardhana
2. Champika Wijayatunga

Staff:

1. Pitinan Kooarmornpatana

Meeting Notes

NBGP and SGP discussed the cross-script variant code points for Kannada-Sinhala and Sinhala-Telugu

1. **Background**
   1. The Kannada LGR proposal, Telugu LGR proposal, and Sinhala LGR proposal have discrepancies in variant mappings as follows:

**Kannada-Sinhala**

|  |  |  |  |
| --- | --- | --- | --- |
| Kannada Code Point | Sinhala Code Point | In Kannada LGR Proposal | In Sinhala LGR proposal |
| ಂ (U+0C82) | ං (U+0D82) | Variant | Confusable |
| ಃ (U+0C83) | ඃ (U+0D83) | Variant | Confusable |
| ರ (U+0CB0) | ර(U+0DBB) | Variant | Distinguishable  (It is not mentioned) |

**Telugu-Sinhala**

|  |  |  |  |
| --- | --- | --- | --- |
| Telugu Code Point | Sinhala Code Point | In Telugu LGR Proposal | In Sinhala LGR proposal |
| ం (0C02) | ං (U+0D82) | Variant | Confusable |
| ః (0C03) | ඃ (U+0D83) | Variant | Confusable |
| ర (0C30) | ර(U+0DBB) | Variant | Distinguishable  (It is not mentioned) |

* 1. The cross-script variant code point mapping is required when there are sufficient ‘same’ code points from each script to form two labels, one from each script, which look the same. While Anusvara – Anusvaraya and Visarga – Visargaya looks the same, these are combining marks and cannot form a label without a consonant. Therefore the discussion focused around the sameness of three consonants; ರ (U+0CB0) KANNADA LETTER RA,   
     ర (0C30) TELUGU LETTER RA, and ර(U+0DBB) SINHALA LETTER RAYANNA.

1. **Conclusion**

NBGP and SGP presented their views on the variant mappings and concluded that even though the consonant ರ, ర, and ර look similar in smaller fonts but in general font size (size 11point or bigger) they are distinguishable. Therefore the Kannada and Telugu LGRs will update the proposals to remove the consonant variant mapping and list combining marks as confusable code points.

Action Items

| **S. No.** | **Action Items** | **Owner** |
| --- | --- | --- |
| *1* | *Update the variant mappings in Kannada LGR proposal to list only Anusvara- Anusvaraya and Visarga-Visargaya as confusable code points* | UBP |
| *2* | *Update the variant mappings in Telugu LGR proposal to list only Anusvara- Anusvaraya and Visarga-Visargaya as confusable code points* | RAO |