

Proposed

Code Point Repertoire

Neo-brahmi GP

Draft: Sindhi

Preamble:

This document proposes the code-point repertoire for Sindhi.

The color code convention followed is as follows:

Color	Disposition
	Disallowed - As per IDNA protocol
	Disallowed - As per Maximal Starting Repertoire
	Disallowed - As per Neo-brahmi GP recommendation (Proposed)
	Allowed

The document is based on the MSR-2 ([link](#)) released by the Integration Panel. For more elaborate documentation on the MSR-2 you refer the below links.

1. Maximal Starting Repertoire - MSR-2-Overview and Rationale-20150414 ([Link](#))
2. MSR-2-Annotated-non-CJK-Tables-20150413 ([Link](#))
3. MSR-2-Repertoire+WLE-Rules-20150413 ([Link](#))

For the current work-at hand, visiting the links 1 and 2 should be sufficient.

The MSR-2 is based on Unicode 7.0 however all the characters added to the Indian Scripts blocks in Unicode 7.0 are barred by the Integration Panel as the IDNA tables currently are updated til Unicode 6.3 only. The color coding conventions followed are similar to the ones used in the MSR-2 with the addition of blue marking to the characters barred by the Neo-brahmi GP.

The document is structured as,

1. Code-point repertoire
2. Rationale for exclusion

	090	091	092	093	094	095	096	097
0	ॆ 0900	ऐ 0910	ठ 0920	र 0930	ी 0940	ॐ 0950	ॠ 0960	० 0970
1	ॆ 0901	ऑ 0911	ड 0921	र 0931	ु 0941	ं 0951	ृ 0961	ं 0971
2	ं 0902	ओ 0912	ढ 0922	ल 0932	्र 0942	्र 0952	्र 0962	अँ 0972
3	ः 0903	ओ 0913	ण 0923	ळ 0933	ृ 0943	े 0953	ृ 0963	अं 0973
4	ऐ 0904	औ 0914	त 0924	ळ 0934	ृ 0944	ं 0954	। 0964	आं 0974
5	अ 0905	क 0915	थ 0925	व 0935	ं 0945	ं 0955	॥ 0965	औं 0975
6	आ 0906	ख 0916	द 0926	श 0936	ं 0946	ं 0956	० 0966	अु 0976
7	इ 0907	ग 0917	ध 0927	ष 0937	े 0947	ं 0957	१ 0967	अु 0977
8	ई 0908	घ 0918	न 0928	स 0938	ै 0948	क्र 0958	२ 0968	
9	उ 0909	ङ 0919	न 0929	ह 0939	ॉ 0949	ख 0959	३ 0969	ज़ 0979
A	ऊ 090A	च 091A	प 092A	ं 093A	ो 094A	ग 095A	४ 096A	ष 097A
B	ॠ 090B	छ 091B	फ 092B	ां 093B	ो 094B	ज़ 095B	५ 096B	ग 097B
C	ृ 090C	ज 091C	ब 092C	्र 093C	ौ 094C	ड़ 095C	६ 096C	ज़ 097C
D	ँ 090D	झ 091D	भ 092D	ऽ 093D	्र 094D	ढ़ 095D	७ 096D	१ 097D
E	ऐ 090E	ञ 091E	म 092E	ा 093E	ां 094E	फ़ 095E	८ 096E	ड 097E
F	ए 090F	ट 091F	य 092F	ि 093F	ौ 094F	य 095F	९ 096F	ब 097F

Vedic tone marks

0951	◌̎	DEVANAGARI STRESS SIGN UDATTA = Vedic tone svarita • mostly used for svarita, with rare use for udatta • used also in Vedic texts written in other scripts → 1CDA ◌̎ vedic tone double svarita
0952	◌̍	DEVANAGARI STRESS SIGN ANUDATTA = Vedic tone anudatta • used also in Vedic texts written in other scripts → 1CDC ◌̍ vedic tone kathaka anudatta

Accent marks

0953	◌̐	DEVANAGARI GRAVE ACCENT → 0300 ◌̐ combining grave accent
0954	◌̑	DEVANAGARI ACUTE ACCENT → 0301 ◌̑ combining acute accent

Dependent vowel sign

0955	◌̄̎	DEVANAGARI VOWEL SIGN CANDRA LONG E • used in transliteration of Avestan
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Dependent vowel signs for Kashmiri

0956	◌̄̎̎	DEVANAGARI VOWEL SIGN UE
0957	◌̄̎̎̎	DEVANAGARI VOWEL SIGN UUE

Additional consonants

0958	𑂀	DEVANAGARI LETTER QA ≡ 0915 क 093C ◌̐
0959	𑂁	DEVANAGARI LETTER KHHA ≡ 0916 ख 093C ◌̐
095A	𑂂	DEVANAGARI LETTER GHHA ≡ 0917 ग 093C ◌̐
095B	𑂃	DEVANAGARI LETTER ZA ≡ 091C ज 093C ◌̐
095C	𑂄	DEVANAGARI LETTER DDDHA ≡ 0921 ड 093C ◌̐
095D	𑂅	DEVANAGARI LETTER RHA ≡ 0922 ढ 093C ◌̐
095E	𑂆	DEVANAGARI LETTER FA ≡ 092B फ 093C ◌̐
095F	𑂇	DEVANAGARI LETTER YYA ≡ 092F य 093C ◌̐

Additional vowels for Sanskrit

0960	𑂈	DEVANAGARI LETTER VOCALIC RR
0961	𑂉	DEVANAGARI LETTER VOCALIC LL
0962	◌̄̎̎̎	DEVANAGARI VOWEL SIGN VOCALIC L
0963	◌̄̎̎̎̎	DEVANAGARI VOWEL SIGN VOCALIC LL

Generic punctuation for scripts of India

These punctuation marks are for common use for the scripts of India despite being named "DEVANAGARI". They also occur as abbreviation signs in some South Indian scripts.

0964		DEVANAGARI DANDA = purna viram • phrase separator
0965		DEVANAGARI DOUBLE DANDA = deergh viram

Digits

0966	०	DEVANAGARI DIGIT ZERO
0967	१	DEVANAGARI DIGIT ONE
0968	२	DEVANAGARI DIGIT TWO
0969	३	DEVANAGARI DIGIT THREE
096A	४	DEVANAGARI DIGIT FOUR
096B	५	DEVANAGARI DIGIT FIVE
096C	६	DEVANAGARI DIGIT SIX
096D	७	DEVANAGARI DIGIT SEVEN
096E	८	DEVANAGARI DIGIT EIGHT
096F	९	DEVANAGARI DIGIT NINE

Abbreviation sign

0970	◌̣	DEVANAGARI ABBREVIATION SIGN • intended for Devanagari-specific abbreviations
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0971	◌̤	DEVANAGARI SIGN HIGH SPACING DOT
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Independent vowel for Marathi

0972	अँ	DEVANAGARI LETTER CANDRA A
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Independent vowels for Kashmiri

0973	अँ	DEVANAGARI LETTER OE
0974	अँँ	DEVANAGARI LETTER OOE
0975	अँ̎	DEVANAGARI LETTER AW
0976	अँ̎̎	DEVANAGARI LETTER UE
0977	अँ̎̎̎	DEVANAGARI LETTER UUE

Additional consonants

0979	𑂈̎	DEVANAGARI LETTER ZHA • used in transliteration of Avestan
097A	𑂉̎	DEVANAGARI LETTER HEAVY YA • used for an affricated glide JJYA

Sindhi implosives

097B	𑂊̎	DEVANAGARI LETTER GGA
097C	𑂋̎	DEVANAGARI LETTER JJA

Glottal stop

097D	𑂌̎	DEVANAGARI LETTER GLOTTAL STOP • used for writing Limbu in Devanagari • a glyph variant has the connecting top bar
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Sindhi implosives

097E	𑂍̎	DEVANAGARI LETTER DDDA
097F	𑂎̎	DEVANAGARI LETTER BBA

Rationale:

Sindhi:		
Code Point	Name	Rationale for exclusion
U+0901	DEVANAGARI SIGN CANDRABINDU	Not part of language character set
U+0903	DEVANAGARI SIGN VISARGA	Not part of language character set
U+0904	DEVANAGARI LETTER SHORT A	Not part of language character set
U+090C	DEVANAGARI LETTER VOCALIC L	Not part of language character set
U+090D	DEVANAGARI LETTER CANDRA E	Not part of language character set
U+090E	DEVANAGARI LETTER SHORT E	Not part of language character set
U+0911	DEVANAGARI LETTER CANDRA O	Not part of language character set
U+0912	DEVANAGARI LETTER SHORT O	Not part of language character set
U+0929	DEVANAGARI LETTER NNNA	Not part of language character set
U+0931	DEVANAGARI LETTER RRA	Not part of language character set
U+0933	DEVANAGARI LETTER LLA	Not part of language character set
U+0934	DEVANAGARI LETTER LLLA	Not part of language character set
U+093A	DEVANAGARI VOWEL SIGN OE	Not part of language character set
U+093B	DEVANAGARI VOWEL SIGN OOE	Not part of language character set
U+0944	DEVANAGARI VOWEL SIGN VOCALIC RR	Not part of language character set
U+0945	DEVANAGARI VOWEL SIGN CANDRA E	Not part of language character set
U+0946	DEVANAGARI VOWEL SIGN SHORT E	Not part of language character set
U+0949	DEVANAGARI VOWEL SIGN CANDRA O	Not part of language character set
U+094A	DEVANAGARI VOWEL SIGN SHORT O	Not part of language character set
U+094F	DEVANAGARI VOWEL SIGN AW	Not part of language character set
U+0956	DEVANAGARI VOWEL SIGN UE	Not part of language character set
U+0957	DEVANAGARI VOWEL SIGN UUE	Not part of language character set
U+0972	DEVANAGARI LETTER CANDRA A	Not part of language character set
U+0973	DEVANAGARI LETTER OE	Not part of language character set
U+0974	DEVANAGARI LETTER OOE	Not part of language character set
U+0975	DEVANAGARI LETTER AW	Not part of language character set
U+0976	DEVANAGARI LETTER UE	Not part of language character set
U+0977	DEVANAGARI LETTER UUE	Not part of language character set
U+0979	DEVANAGARI LETTER ZHA	Not part of language character set
U+097A	DEVANAGARI LETTER HEAVY YA	Not part of language character set