

Source: Rick McGowan, Deborah Anderson
Title: Grantha Compromise Chart
Date: Feb 2, 2011

This attached code chart is an outcome of the following action item:

125-A16 Prepare an updated Grantha code chart, names list, and property listing that reflects the agreements and recommendations from the UTC. (125-C3, C4, C5, C6)

The chart has known display bugs related to combining marks.

Below is the list of properties for UnicodeData.txt:

```
11301;GRANTHA SIGN CANDRABINDU;Mn;0;NSM;;;;;N;;;;;
11302;GRANTHA SIGN ANUSVARA;Mc;0;L;;;;;N;;;;;
11303;GRANTHA SIGN VISARGA;Mc;0;L;;;;;N;;;;;
11305;GRANTHA LETTER A;Lo;0;L;;;;;N;;;;;
11306;GRANTHA LETTER AA;Lo;0;L;;;;;N;;;;;
11307;GRANTHA LETTER I;Lo;0;L;;;;;N;;;;;
11308;GRANTHA LETTER II;Lo;0;L;;;;;N;;;;;
11309;GRANTHA LETTER U;Lo;0;L;;;;;N;;;;;
1130A;GRANTHA LETTER UU;Lo;0;L;;;;;N;;;;;
1130B;GRANTHA LETTER VOCALIC R;Lo;0;L;;;;;N;;;;;
1130C;GRANTHA LETTER VOCALIC L;Lo;0;L;;;;;N;;;;;
1130E;GRANTHA LETTER E;Lo;0;L;;;;;N;;;;;
1130F;GRANTHA LETTER EE;Lo;0;L;;;;;N;;;;;
11310;GRANTHA LETTER AI;Lo;0;L;;;;;N;;;;;
11312;GRANTHA LETTER O;Lo;0;L;;;;;N;;;;;
11313;GRANTHA LETTER OO;Lo;0;L;;;;;N;;;;;
11314;GRANTHA LETTER AU;Lo;0;L;;;;;N;;;;;
11315;GRANTHA LETTER KA;Lo;0;L;;;;;N;;;;;
11316;GRANTHA LETTER KHA;Lo;0;L;;;;;N;;;;;
11317;GRANTHA LETTER GA;Lo;0;L;;;;;N;;;;;
11318;GRANTHA LETTER GHA;Lo;0;L;;;;;N;;;;;
11319;GRANTHA LETTER NGA;Lo;0;L;;;;;N;;;;;
1131A;GRANTHA LETTER CA;Lo;0;L;;;;;N;;;;;
1131B;GRANTHA LETTER CHA;Lo;0;L;;;;;N;;;;;
1131C;GRANTHA LETTER JA;Lo;0;L;;;;;N;;;;;
1131D;GRANTHA LETTER JHA;Lo;0;L;;;;;N;;;;;
1131E;GRANTHA LETTER NYA;Lo;0;L;;;;;N;;;;;
1131F;GRANTHA LETTER TTA;Lo;0;L;;;;;N;;;;;
11320;GRANTHA LETTER TTHA;Lo;0;L;;;;;N;;;;;
11321;GRANTHA LETTER DDA;Lo;0;L;;;;;N;;;;;
11322;GRANTHA LETTER DDHA;Lo;0;L;;;;;N;;;;;
11323;GRANTHA LETTER NNA;Lo;0;L;;;;;N;;;;;
11324;GRANTHA LETTER TA;Lo;0;L;;;;;N;;;;;
11325;GRANTHA LETTER THA;Lo;0;L;;;;;N;;;;;
11326;GRANTHA LETTER DA;Lo;0;L;;;;;N;;;;;
11327;GRANTHA LETTER DHA;Lo;0;L;;;;;N;;;;;
11328;GRANTHA LETTER NA;Lo;0;L;;;;;N;;;;;
11329;GRANTHA LETTER NNNA;Lo;0;L;;;;;N;;;;;
1132A;GRANTHA LETTER PA;Lo;0;L;;;;;N;;;;;
1132B;GRANTHA LETTER PHA;Lo;0;L;;;;;N;;;;;
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1132C;GRANTHA LETTER BA;Lo;0;L;;;;N;;;;;
 1132D;GRANTHA LETTER BHA;Lo;0;L;;;;N;;;;;
 1132E;GRANTHA LETTER MA;Lo;0;L;;;;N;;;;;
 1132F;GRANTHA LETTER YA;Lo;0;L;;;;N;;;;;
 11330;GRANTHA LETTER RA;Lo;0;L;;;;N;;;;;
 11331;GRANTHA LETTER RRA;Lo;0;L;;;;N;;;;;
 11332;GRANTHA LETTER LA;Lo;0;L;;;;N;;;;;
 11333;GRANTHA LETTER LLA;Lo;0;L;;;;N;;;;;
 11334;GRANTHA LETTER LLLA;Lo;0;L;;;;N;;;;;
 11335;GRANTHA LETTER VA;Lo;0;L;;;;N;;;;;
 11336;GRANTHA LETTER SHA;Lo;0;L;;;;N;;;;;
 11337;GRANTHA LETTER SSA;Lo;0;L;;;;N;;;;;
 11338;GRANTHA LETTER SA;Lo;0;L;;;;N;;;;;
 11339;GRANTHA LETTER HA;Lo;0;L;;;;N;;;;;
 1133C;GRANTHA SIGN NUKTA;Mn;7;NSM;;;;N;;;;;
 1133D;GRANTHA SIGN AVAGRAHA;Lo;0;L;;;;N;;;;;
 1133E;GRANTHA VOWEL SIGN AA;Mc;0;L;;;;N;;;;;
 1133F;GRANTHA VOWEL SIGN I;Mc;0;L;;;;N;;;;;
 11340;GRANTHA VOWEL SIGN II;Mc;0;L;;;;N;;;;;
 11341;GRANTHA VOWEL SIGN U;Mc;0;L;;;;N;;;;;
 11342;GRANTHA VOWEL SIGN UU;Mc;0;L;;;;N;;;;;
 11343;GRANTHA VOWEL SIGN VOCALIC R;Mc;0;L;;;;N;;;;;
 11344;GRANTHA VOWEL SIGN VOCALIC RR;Mc;0;L;;;;N;;;;;
 11346;GRANTHA VOWEL SIGN E;Mc;0;L;;;;N;;;;;
 11347;GRANTHA VOWEL SIGN EE;Mc;0;L;;;;N;;;;;
 11348;GRANTHA VOWEL SIGN AI;Mc;0;L;;;;N;;;;;
 1134A;GRANTHA VOWEL SIGN O;Mc;0;L;;;;N;;;;;
 1134B;GRANTHA VOWEL SIGN OO;Mc;0;L;;;;N;;;;;
 1134C;GRANTHA VOWEL SIGN AU;Mc;0;L;;;;N;;;;;
 1134D;GRANTHA SIGN VIRAMA;Mn;9;NSM;;;;N;;;;;
 11357;GRANTHA AU LENGTH MARK;Mc;0;L;;;;N;;;;;
 1135D;GRANTHA SIGN PLUTA;Lo;0;L;;;;N;;;;;
 1135E;GRANTHA LETTER VEDIC ANUSVARA
 1135F;GRANTHA LETTER VEDIC DOUBLE ANUSVARA
 11360;GRANTHA LETTER VOCALIC RR;Lo;0;L;;;;N;;;;;
 11361;GRANTHA LETTER VOCALIC LL;Lo;0;L;;;;N;;;;;
 11362;GRANTHA VOWEL SIGN VOCALIC L;Mc;0;L;;;;N;;;;;
 11363;GRANTHA VOWEL SIGN VOCALIC LL;Mc;0;L;;;;N;;;;;
 11366;COMBINING GRANTHA DIGIT ZERO;Mn;230;NSM;;;;N;;;;;
 11367;COMBINING GRANTHA DIGIT ONE;Mn;230;NSM;;;;N;;;;;
 11368;COMBINING GRANTHA DIGIT TWO;Mn;230;NSM;;;;N;;;;;
 11369;COMBINING GRANTHA DIGIT THREE;Mn;230;NSM;;;;N;;;;;
 1136A;COMBINING GRANTHA DIGIT FOUR;Mn;230;NSM;;;;N;;;;;
 1136B;COMBINING GRANTHA DIGIT FIVE;Mn;230;NSM;;;;N;;;;;
 1136C;COMBINING GRANTHA DIGIT SIX;Mn;230;NSM;;;;N;;;;;
 11370;COMBINING GRANTHA LETTER A;Mn;230;NSM;;;;N;;;;;
 11371;COMBINING GRANTHA LETTER KA;Mn;230;NSM;;;;N;;;;;
 11372;COMBINING GRANTHA LETTER NA;Mn;230;NSM;;;;N;;;;;
 11373;COMBINING GRANTHA LETTER VI;Mn;230;NSM;;;;N;;;;;
 11374;COMBINING GRANTHA LETTER PA;Mn;230;NSM;;;;N;;;;;

	1130	1131	1132	1133	1134	1135	1136	1137
0		ॐ 11310	ॐ 11320	ॐ 11330	ॐ 11340		ॐ 11360	ॐ 11370
1	ॐ 11301		ॐ 11321	ॐ 11331	ॐ 11341		ॐ 11361	ॐ 11371
2	ॐ 11302	ॐ 11312	ॐ 11322	ॐ 11332	ॐ 11342		ॐ 11362	ॐ 11372
3	ॐ 11303	ॐ 11313	ॐ 11323	ॐ 11333	ॐ 11343		ॐ 11363	ॐ 11373
4		ॐ 11314	ॐ 11324	ॐ 11334	ॐ 11344			ॐ 11374
5	ॐ 11305	ॐ 11315	ॐ 11325	ॐ 11335				
6	ॐ 11306	ॐ 11316	ॐ 11326	ॐ 11336	ॐ 11346		ॐ 11366	
7	ॐ 11307	ॐ 11317	ॐ 11327	ॐ 11337	ॐ 11347	ॐ 11357	ॐ 11367	
8	ॐ 11308	ॐ 11318	ॐ 11328	ॐ 11338	ॐ 11348		ॐ 11368	
9	ॐ 11309	ॐ 11319	ॐ 11329	ॐ 11339			ॐ 11369	
A	ॐ 1130A	ॐ 1131A	ॐ 1132A		ॐ 1134A		ॐ 1136A	
B	ॐ 1130B	ॐ 1131B	ॐ 1132B		ॐ 1134B		ॐ 1136B	
C	ॐ 1130C	ॐ 1131C	ॐ 1132C	ॐ 1133C	ॐ 1134C		ॐ 1136C	
D		ॐ 1131D	ॐ 1132D	ॐ 1133D	ॐ 1134D	ॐ 1135D		
E	ॐ 1130E	ॐ 1131E	ॐ 1132E	ॐ 1133E		ॐ 1135E		
F	ॐ 1130F	ॐ 1131F	ॐ 1132F	ॐ 1133F		ॐ 1135F		

11301	◌̣	GRANTHA SIGN CANDRABINDU
11302	◌̤	GRANTHA SIGN ANUSVARA
11303	◌̥	GRANTHA SIGN VISARGA
11304	◌̦	<reserved>
11305	𑌀	GRANTHA LETTER A
11306	𑌁	GRANTHA LETTER AA
11307	𑌂	GRANTHA LETTER I
11308	𑌃	GRANTHA LETTER II
11309	𑌄	GRANTHA LETTER U
1130A	𑌅	GRANTHA LETTER UU
1130B	𑌆	GRANTHA LETTER VOCALIC R
1130C	𑌇	GRANTHA LETTER VOCALIC L
1130D	◌̧	<reserved>
1130E	𑌈	GRANTHA LETTER E
		• for transcribing Dravidian short /e/
1130F	𑌉	GRANTHA LETTER EE
11310	𑌊	GRANTHA LETTER AI
11311	◌̨	<reserved>
11312	𑌋	GRANTHA LETTER O
		• for transcribing Dravidian short /o/
11313	𑌌	GRANTHA LETTER OO
11314	𑌍	GRANTHA LETTER AU
11315	𑌎	GRANTHA LETTER KA
11316	𑌏	GRANTHA LETTER KHA
11317	𑌐	GRANTHA LETTER GA
11318	𑌑	GRANTHA LETTER GHA
11319	𑌒	GRANTHA LETTER NGA
1131A	𑌓	GRANTHA LETTER CA
1131B	𑌔	GRANTHA LETTER CHA
1131C	𑌕	GRANTHA LETTER JA
1131D	𑌖	GRANTHA LETTER JHA
1131E	𑌗	GRANTHA LETTER NYA
1131F	𑌘	GRANTHA LETTER TTA
11320	𑌙	GRANTHA LETTER TTHA
11321	𑌚	GRANTHA LETTER DDA
11322	𑌛	GRANTHA LETTER DDHA
11323	𑌜	GRANTHA LETTER NNA
11324	𑌝	GRANTHA LETTER TA
11325	𑌞	GRANTHA LETTER THA
11326	𑌟	GRANTHA LETTER DA
11327	𑌠	GRANTHA LETTER DHA
11328	𑌡	GRANTHA LETTER NA
11329	𑌢	GRANTHA LETTER NNA
		• for transcribing Dravidian alveolar n
1132A	𑌣	GRANTHA LETTER PA
1132B	𑌤	GRANTHA LETTER PHA
1132C	𑌥	GRANTHA LETTER BA
1132D	𑌦	GRANTHA LETTER BHA
1132E	𑌧	GRANTHA LETTER MA
1132F	𑌨	GRANTHA LETTER YA
11330	𑌩	GRANTHA LETTER RA
11331	𑌪	GRANTHA LETTER RRA
		• for transcribing Dravidian trilled alveolar r
11332	𑌫	GRANTHA LETTER LA
11333	𑌬	GRANTHA LETTER LLA
11334	𑌭	GRANTHA LETTER LLLA
		• for transcribing Dravidian retroflex continuant l
11335	𑌮	GRANTHA LETTER VA
11336	𑌯	GRANTHA LETTER SHA
11337	𑌰	GRANTHA LETTER SSA

11338	𑌱	GRANTHA LETTER SA
11339	𑌲	GRANTHA LETTER HA
1133A	◌̩	<reserved>
1133B	◌̪	<reserved>
1133C	◌̫	GRANTHA SIGN NUKTA
		• for extending the script to more consonants
1133D	𑌳	GRANTHA SIGN AVAGRAHA
1133E	𑌴	GRANTHA VOWEL SIGN AA
1133F	𑌵	GRANTHA VOWEL SIGN I
11340	𑌶	GRANTHA VOWEL SIGN II
11341	𑌷	GRANTHA VOWEL SIGN U
11342	𑌸	GRANTHA VOWEL SIGN UU
11343	𑌹	GRANTHA VOWEL SIGN VOCALIC R
11344	𑌺	GRANTHA VOWEL SIGN VOCALIC RR
11345	◌̬	<reserved>
11346	𑌻	GRANTHA VOWEL SIGN E
		• for transcribing Dravidian short /e/
11347	𑌼	GRANTHA VOWEL SIGN EE
11348	𑌽	GRANTHA VOWEL SIGN AI
11349	◌̭	<reserved>
1134A	𑌾	GRANTHA VOWEL SIGN O
		• for transcribing Dravidian short /o/
		≡ 11346 ◌ 1133E ◌
1134B	𑌿	GRANTHA VOWEL SIGN OO
		≡ 11347 ◌ 1133E ◌
1134C	𑍀	GRANTHA VOWEL SIGN AU
		• archaic form of the /au/ dependent vowel
		→ 11357 ◌ grantha au length mark
		≡ 11347 ◌ 11357 ◌
1134D	𑍁	GRANTHA SIGN VIRAMA
		• suppresses inherent vowel of consonants
		• may ligate with the base consonant in different ways
1134E	◌̮	<reserved>
1134F	◌̯	<reserved>
11350	◌̰	<reserved>
11351	◌̱	<reserved>
11352	◌̲	<reserved>
11353	◌̳	<reserved>
11354	◌̴	<reserved>
11355	◌̵	<reserved>
11356	◌̶	<reserved>
11357	𑍂	GRANTHA AU LENGTH MARK
		• used alone to write the /au/ dependent vowel in modern texts
		→ 1134C ◌ grantha vowel sign au
11358	◌̷	<reserved>
11359	◌̸	<reserved>
1135A	◌̹	<reserved>
1135B	◌̺	<reserved>
1135C	◌̻	<reserved>
1135D	𑍃	GRANTHA SIGN PLUTA
		• archaic use only
1135E	𑍄	GRANTHA LETTER VEDIC ANUSVARA
1135F	𑍅	GRANTHA LETTER VEDIC DOUBLE ANUSVARA
11360	𑍆	GRANTHA LETTER VOCALIC RR
11361	𑍇	GRANTHA LETTER VOCALIC LL
11362	𑍈	GRANTHA VOWEL SIGN VOCALIC L
11363	𑍉	GRANTHA VOWEL SIGN VOCALIC LL

11364		<reserved>
11365		<reserved>
11366		COMBINING GRANTHA DIGIT ZERO
11367		COMBINING GRANTHA DIGIT ONE
11368		COMBINING GRANTHA DIGIT TWO
11369		COMBINING GRANTHA DIGIT THREE
1136A		COMBINING GRANTHA DIGIT FOUR
1136B		COMBINING GRANTHA DIGIT FIVE
1136C		COMBINING GRANTHA DIGIT SIX
1136D		<reserved>
1136E		<reserved>
1136F		<reserved>
11370		COMBINING GRANTHA LETTER A
11371		COMBINING GRANTHA LETTER KA
11372		COMBINING GRANTHA LETTER NA
11373		COMBINING GRANTHA LETTER VI
11374		COMBINING GRANTHA LETTER PA

- the glyph is that of TAMIL LETTER PA despite usage in Grantha