

**Universal Multiple-Octet Coded Character Set**  
**International Organization for Standardization**  
**Organisation internationale de normalisation**  
**Международная организация по стандартизации**

**Doc Type:** Working Group Document

**Title:** Proposal for allocation of proposed Hangul Jamos in the BMP

**Source:** Irish National Body

**Status:** National Body Contribution

**Action:** For consideration by JTC1/SC2/WG2 and UTC

**Date:** 2007-04-16

This document responds to document N3168 by Kyongsok Kim and Daehyuk Ahn, the National Position of the Republic of Korea, “A proposal to add new Hangul Jamo extended characters to BMP of UCS”.

The Irish National Body does not object to the encoding of these characters. We do however believe it is important to allocate the characters to the BMP with some care. We propose the following arrangement as acceptable to us.

The 16 empty spaces in the U+1100 block must be used as all of the 117 characters proposed are jamos. So the first 5 of the *choseong*, the first 5 of the *jungseong* and the first 6 of the *jongseong* should go in this block, leaving 101 to put elsewhere in the BMP.

A new block Hangul Jamo Extended-A from U+A960-U+A97F will take the remaining 29 *choseong* with 3 unassigned positions following them

A new block Hangul Jamo Extended-B from U+D7B0-U+D7FF will take the remaining 23 *jungseong* with 4 unassigned positions following them, and the 49 remaining *jongseong* with 4 unassigned positions following them.

The proposed code charts are attached.

|   | 110 | 111 | 112 | 113 | 114 | 115 | 116  | 117 | 118 | 119 | 11A | 11B | 11C | 11D | 11E | 11F |   |
|---|-----|-----|-----|-----|-----|-----|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|---|
| 0 | ㄱ   | ㅌ   | ㅂ   | ㅅ   | ㄷ   | ㅈ   | HJ F | ㅋ   | ㅍ   | ㅃ   | ㅎ   | ㄴ   | ㄹ   | ㅌ   | ㄹ   | ㅍ   | ㅎ |
| 1 | ㄲ   | ㅍ   | ㅄ   | ㅆ   | ㆁ   | ㅈ   | ㅏ    | ㅓ   | ㅕ   | ㅘ   | .ㅣ  | ㅑ   | ㅕ   | ㅕ   | ㅕ   | ㅕ   | ㅚ |
| 2 | ㄴ   | ㅎ   | ㅄ   | ㅆ   | ㆁ   | ㅈ   | ㅐ    | ㅔ   | ㅖ   | ㅕ   | ..  | ㅒ   | ㅎ   | ㅕ   | ㅕ   | ㅚ   | ㅚ |
| 3 | ㄷ   | ㄱ   | ㅂ   | ㅅ   | ㆁ   | ㅈ   | ㅏ    | ㅓ   | ㅕ   | ㅗ   | ㅏ   | ㅓ   | ㄱ   | ㅓ   | ㅂ   | ㅍ   | ㅍ |
| 4 | ㄸ   | ㄲ   | ㅃ   | ㅆ   | ㆁ   | ㅊ   | ㅓ    | ㅓ   | ㅓ   | ㅓ   | ㅓ   | ㅑ   | ㅓ   | ㅓ   | ㅓ   | ㅓ   | ㅓ |
| 5 | ㄹ   | ㄱ   | ㅂ   | ㅅ   | ㆁ   | ㅈ   | ㅓ    | ㅓ   | ㅓ   | ㅓ   | ㅓ   | ㅓ   | ㅓ   | ㅓ   | ㅓ   | ㅓ   | ㅓ |
| 6 | ㅁ   | ㄴ   | ㅂ   | ㅅ   | ㆁ   | ㅊ   | ㅓ    | ㅓ   | ㅓ   | ㅓ   | ㅓ   | ㅓ   | ㅓ   | ㅓ   | ㅓ   | ㅓ   | ㅓ |
| 7 | ㅂ   | ㄱ   | ㅂ   | ㅅ   | ㆁ   | ㅈ   | ㅓ    | ㅓ   | ㅓ   | ㅓ   | ㅓ   | ㅓ   | ㅓ   | ㅓ   | ㅓ   | ㅓ   | ㅓ |
| 8 | ㅃ   | ㄲ   | ㅃ   | ㅆ   | ㆁ   | ㅊ   | ㅓ    | ㅓ   | ㅓ   | ㅓ   | ㅓ   | ㅓ   | ㅓ   | ㅓ   | ㅓ   | ㅓ   | ㅓ |
| 9 | ㅅ   | ㄱ   | ㅂ   | ㅅ   | ㆁ   | ㅈ   | ㅓ    | ㅓ   | ㅓ   | ㅓ   | ㅓ   | ㅓ   | ㅓ   | ㅓ   | ㅓ   | ㅓ   | ㅓ |
| A | ㅆ   | ㅎ   | ㅂ   | ㅅ   | ㆁ   | ㅊ   | ㅓ    | ㅓ   | ㅓ   | ㅓ   | ㅓ   | ㅓ   | ㅓ   | ㅓ   | ㅓ   | ㅓ   | ㅓ |
| B | ㅚ   | ㅓ   | ㅓ   | ㅓ   | ㅓ   | ㅓ   | ㅓ    | ㅓ   | ㅓ   | ㅓ   | ㅓ   | ㅓ   | ㅓ   | ㅓ   | ㅓ   | ㅓ   | ㅓ |
| C | ㅈ   | ㄸ   | ㅃ   | ㅅ   | ㆁ   | ㅊ   | ㅓ    | ㅓ   | ㅓ   | ㅓ   | ㅓ   | ㅓ   | ㅓ   | ㅓ   | ㅓ   | ㅓ   | ㅓ |
| D | ㅉ   | ㅎ   | ㅓ   | ㅓ   | ㅓ   | ㅓ   | ㅓ    | ㅓ   | ㅓ   | ㅓ   | ㅓ   | ㅓ   | ㅓ   | ㅓ   | ㅓ   | ㅓ   | ㅓ |
| E | ㅊ   | ㅌ   | ㅓ   | ㅓ   | ㅓ   | ㅓ   | ㅓ    | ㅓ   | ㅓ   | ㅓ   | ㅓ   | ㅓ   | ㅓ   | ㅓ   | ㅓ   | ㅓ   | ㅓ |
| F | ㅋ   | ㅌ   | ㅓ   | ㅓ   | ㅓ   | ㅓ   | HJ F | ㅋ   | ㅍ   | ㅠ   | .ㅓ  | ㅓ   | ㅓ   | ㅓ   | ㅓ   | ㅓ   | ㅓ |

*Note to reviewers: This is a preliminary proposal. The code points shown are merely suggestions for a possible placement.*

*The aliases in this block represent the Jamo short names.*

## Korean combining alphabet

### Initial consonants

|      |   |                                    |      |   |                                       |
|------|---|------------------------------------|------|---|---------------------------------------|
| 1100 | ㄱ | HANGUL CHOSEONG KIYEOK<br>=G       | 1125 | ㄱ | HANGUL CHOSEONG PIEUP-SSANGSIOS       |
| 1101 | ㄲ | HANGUL CHOSEONG SSANGKIYEOK<br>=GG | 1126 | ㄱ | HANGUL CHOSEONG PIEUP-SIOS-CIEUC      |
| 1102 | ㄴ | HANGUL CHOSEONG NIEUN<br>=N        | 1127 | ㄱ | HANGUL CHOSEONG PIEUP-CIEUC           |
| 1103 | ㄷ | HANGUL CHOSEONG TIKEUT<br>=D       | 1128 | ㄱ | HANGUL CHOSEONG PIEUP-CHIEUCH         |
| 1104 | ㄸ | HANGUL CHOSEONG SSANGTIKEUT<br>=DD | 1129 | ㄱ | HANGUL CHOSEONG PIEUP-THIEUTH         |
| 1105 | ㄹ | HANGUL CHOSEONG RIEUL<br>=R        | 112A | ㄱ | HANGUL CHOSEONG PIEUP-PHIEUPH         |
| 1106 | ㅁ | HANGUL CHOSEONG MIEUM<br>=M        | 112B | ㄱ | HANGUL CHOSEONG KAPYEOUNPIEUP         |
| 1107 | ㅂ | HANGUL CHOSEONG PIEUP<br>=B        | 112C | ㄱ | HANGUL CHOSEONG KAPYEOUNSSANGPIEUP    |
| 1108 | ㅃ | HANGUL CHOSEONG SSANGPIEUP<br>=BB  | 112D | ㄱ | HANGUL CHOSEONG SIOS-KIYEOK           |
| 1109 | ㅅ | HANGUL CHOSEONG SIOS<br>=S         | 112E | ㄱ | HANGUL CHOSEONG SIOS-NIEUN            |
| 110A | ㅆ | HANGUL CHOSEONG SSANGSIOS<br>=SS   | 112F | ㄱ | HANGUL CHOSEONG SIOS-TIKEUT           |
| 110B | ㅇ | HANGUL CHOSEONG IEUNG              | 1130 | ㄱ | HANGUL CHOSEONG SIOS-RIEUL            |
| 110C | ㅈ | HANGUL CHOSEONG CIEUC<br>=J        | 1131 | ㄱ | HANGUL CHOSEONG SIOS-MIEUM            |
| 110D | ㅉ | HANGUL CHOSEONG SSANGCIEUC<br>=JJ  | 1132 | ㄱ | HANGUL CHOSEONG SIOS-PIEUP            |
| 110E | ㅊ | HANGUL CHOSEONG CHIEUCH<br>=C      | 1133 | ㄱ | HANGUL CHOSEONG SIOS-PIEUP-KIYEOK     |
| 110F | ㅋ | HANGUL CHOSEONG KHIEUKH<br>=K      | 1134 | ㄱ | HANGUL CHOSEONG SIOS-SSANGSIOS        |
| 1110 | ㅌ | HANGUL CHOSEONG THIEUTH<br>=T      | 1135 | ㄱ | HANGUL CHOSEONG SIOS-IEUNG            |
| 1111 | ㅍ | HANGUL CHOSEONG PHIEUPH<br>=P      | 1136 | ㄱ | HANGUL CHOSEONG SIOS-CIEUC            |
| 1112 | ㅎ | HANGUL CHOSEONG HIEUH<br>=H        | 1137 | ㄱ | HANGUL CHOSEONG SIOS-CHIEUCH          |
| 1113 | ㄴ | HANGUL CHOSEONG NIEUN-KIYEOK       | 1138 | ㄱ | HANGUL CHOSEONG SIOS-KHIEUKH          |
| 1114 | ㄴ | HANGUL CHOSEONG SSANGNIEUN         | 1139 | ㄱ | HANGUL CHOSEONG SIOS-THIEUTH          |
| 1115 | ㄴ | HANGUL CHOSEONG NIEUN-TIKEUT       | 113A | ㄱ | HANGUL CHOSEONG SIOS-PHIEUPH          |
| 1116 | ㄴ | HANGUL CHOSEONG NIEUN-PIEUP        | 113B | ㄱ | HANGUL CHOSEONG SIOS-HIEUH            |
| 1117 | ㄴ | HANGUL CHOSEONG TIKEUT-KIYEOK      | 113C | ㄱ | HANGUL CHOSEONG CHITUEUMSIOS          |
| 1118 | ㄴ | HANGUL CHOSEONG RIEUL-NIEUN        | 113D | ㄱ | HANGUL CHOSEONG CHITUEUMSSANGSIOS     |
| 1119 | ㄴ | HANGUL CHOSEONG SSANGRIEUL         | 113E | ㄱ | HANGUL CHOSEONG CEONGCHIEUMSIOS       |
| 111A | ㄴ | HANGUL CHOSEONG RIEUL-HIEUH        | 113F | ㄱ | HANGUL CHOSEONG CEONGCHIEUMSSANGSIOS  |
| 111B | ㄴ | HANGUL CHOSEONG KAPYEOUNRIEUL      | 1140 | ㄴ | HANGUL CHOSEONG PANSIOS               |
| 111C | ㄴ | HANGUL CHOSEONG MIEUM-PIEUP        | 1141 | ㄴ | HANGUL CHOSEONG IEUNG-KIYEOK          |
| 111D | ㄴ | HANGUL CHOSEONG KAPYEOUNMIEUM      | 1142 | ㄴ | HANGUL CHOSEONG IEUNG-TIKEUT          |
| 111E | ㄴ | HANGUL CHOSEONG PIEUP-KIYEOK       | 1143 | ㄴ | HANGUL CHOSEONG IEUNG-MIEUM           |
| 111F | ㄴ | HANGUL CHOSEONG PIEUP-NIEUN        | 1144 | ㄴ | HANGUL CHOSEONG IEUNG-PIEUP           |
| 1120 | ㄴ | HANGUL CHOSEONG PIEUP-TIKEUT       | 1145 | ㄴ | HANGUL CHOSEONG IEUNG-SIOS            |
| 1121 | ㄴ | HANGUL CHOSEONG PIEUP-SIOS         | 1146 | ㄴ | HANGUL CHOSEONG IEUNG-PANSIOS         |
| 1122 | ㄴ | HANGUL CHOSEONG PIEUP-SIOS-KIYEOK  | 1147 | ㄴ | HANGUL CHOSEONG SSANGIEUNG            |
| 1123 | ㄴ | HANGUL CHOSEONG PIEUP-SIOS-TIKEUT  | 1148 | ㄴ | HANGUL CHOSEONG IEUNG-CIEUC           |
| 1124 | ㄴ | HANGUL CHOSEONG PIEUP-SIOS-PIEUP   | 1149 | ㄴ | HANGUL CHOSEONG IEUNG-CHIEUCH         |
|      |   |                                    | 114A | ㄴ | HANGUL CHOSEONG IEUNG-THIEUTH         |
|      |   |                                    | 114B | ㄴ | HANGUL CHOSEONG IEUNG-PHIEUPH         |
|      |   |                                    | 114C | ㄴ | HANGUL CHOSEONG YESIEUNG              |
|      |   |                                    | 114D | ㄴ | HANGUL CHOSEONG CIEUC-IEUNG           |
|      |   |                                    | 114E | ㄴ | HANGUL CHOSEONG CHITUEUMCIEUC         |
|      |   |                                    | 114F | ㄴ | HANGUL CHOSEONG CHITUEUMSSANGCIEUC    |
|      |   |                                    | 1150 | ㄴ | HANGUL CHOSEONG CEONGCHIEUMCIEUC      |
|      |   |                                    | 1151 | ㄴ | HANGUL CHOSEONG CEONGCHIEUMSSANGCIEUC |
|      |   |                                    | 1152 | ㄴ | HANGUL CHOSEONG CHIEUCH-KHIEUKH       |
|      |   |                                    | 1153 | ㄴ | HANGUL CHOSEONG CHIEUCH-HIEUH         |
|      |   |                                    | 1154 | ㄴ | HANGUL CHOSEONG CHITUEUMCHIEUCH       |
|      |   |                                    | 1155 | ㄴ | HANGUL CHOSEONG CEONGCHIEUMCHIEUCH    |
|      |   |                                    | 1156 | ㄴ | HANGUL CHOSEONG PHIEUPH-PIEUP         |
|      |   |                                    | 1157 | ㄴ | HANGUL CHOSEONG KAPYEOUNPHIEUPH       |
|      |   |                                    | 1158 | ㄴ | HANGUL CHOSEONG SSANGHIEUH            |
|      |   |                                    | 1159 | ㄴ | HANGUL CHOSEONG YEORINHIEUH           |

### Old Hangul initial consonants

|      |   |                               |
|------|---|-------------------------------|
| 115A | ㄱ | HANGUL CHOSEONG KIYEOK-TIKEUT |
| 115B | ㄴ | HANGUL CHOSEONG NIEUN-SIOS    |
| 115C | ㄴ | HANGUL CHOSEONG NIEUN-CIEUC   |
| 115D | ㄴ | HANGUL CHOSEONG NIEUN-HIEUH   |
| 115E | ㄴ | HANGUL CHOSEONG TIKEUT-RIEUL  |

**Initial consonant**115F  HANGUL CHOSEONG FILLER**Medial vowels**

- 1160  HANGUL JUNGSEONG FILLER  
 1161  HANGUL JUNGSEONG A  
     = A  
 1162  HANGUL JUNGSEONG AE  
     = AE  
 1163  HANGUL JUNGSEONG YA  
     = YA  
 1164  HANGUL JUNGSEONG YAE  
     = YAE  
 1165  HANGUL JUNGSEONG EO  
     = EO  
 1166  HANGUL JUNGSEONG E  
     = E  
 1167  HANGUL JUNGSEONG YEO  
     = YEO  
 1168  HANGUL JUNGSEONG YE  
     = YE  
 1169  HANGUL JUNGSEONG O  
     = O  
 116A  HANGUL JUNGSEONG WA  
     = WA  
 116B  HANGUL JUNGSEONG WAE  
     = WAE  
 116C  HANGUL JUNGSEONG OE  
     = OE  
 116D  HANGUL JUNGSEONG YO  
     = YO  
 116E  HANGUL JUNGSEONG U  
     = U  
 116F  HANGUL JUNGSEONG WEO  
     = WEO  
 1170  HANGUL JUNGSEONG WE  
     = WE  
 1171  HANGUL JUNGSEONG WI  
     = WI  
 1172  HANGUL JUNGSEONG YU  
     = YU  
 1173  HANGUL JUNGSEONG EU  
     = EU  
 1174  HANGUL JUNGSEONG YI  
     = YI  
 1175  HANGUL JUNGSEONG I  
     = I  
 1176  HANGUL JUNGSEONG A-O  
 1177  HANGUL JUNGSEONG A-U  
 1178  HANGUL JUNGSEONG YA-O  
 1179  HANGUL JUNGSEONG YA-YO  
 117A  HANGUL JUNGSEONG EO-O  
 117B  HANGUL JUNGSEONG EO-U  
 117C  HANGUL JUNGSEONG EO-EU  
 117D  HANGUL JUNGSEONG YEO-O  
 117E  HANGUL JUNGSEONG YEO-U  
 117F  HANGUL JUNGSEONG O-EO  
 1180  HANGUL JUNGSEONG O-E  
 1181  HANGUL JUNGSEONG O-YE  
 1182  HANGUL JUNGSEONG O-O  
 1183  HANGUL JUNGSEONG O-U  
 1184  HANGUL JUNGSEONG YO-YA  
 1185  HANGUL JUNGSEONG YO-YAE

- 1186  HANGUL JUNGSEONG YO-YEO  
 1187  HANGUL JUNGSEONG YO-O  
 1188  HANGUL JUNGSEONG YO-I  
 1189  HANGUL JUNGSEONG U-A  
 118A  HANGUL JUNGSEONG U-AE  
 118B  HANGUL JUNGSEONG U-EO-EU  
 118C  HANGUL JUNGSEONG U-YE  
 118D  HANGUL JUNGSEONG U-U  
 118E  HANGUL JUNGSEONG YU-A  
 118F  HANGUL JUNGSEONG YU-EO  
 1190  HANGUL JUNGSEONG YU-E  
 1191  HANGUL JUNGSEONG YU-YE  
 1192  HANGUL JUNGSEONG YU-YE  
 1193  HANGUL JUNGSEONG YU-U  
 1194  HANGUL JUNGSEONG YU-I  
 1195  HANGUL JUNGSEONG EU-U  
 1196  HANGUL JUNGSEONG EU-EU  
 1197  HANGUL JUNGSEONG YI-U  
 1198  HANGUL JUNGSEONG I-A  
 1199  HANGUL JUNGSEONG I-YA  
 119A  HANGUL JUNGSEONG I-O  
 119B  HANGUL JUNGSEONG I-U  
 119C  HANGUL JUNGSEONG I-EU  
 119D  HANGUL JUNGSEONG I-ARAEA  
 119E  HANGUL JUNGSEONG ARAEA  
 119F  HANGUL JUNGSEONG ARAEA-EO  
 11A0  HANGUL JUNGSEONG ARAEA-U  
 11A1  HANGUL JUNGSEONG ARAEA-I  
 11A2  HANGUL JUNGSEONG SSANGARAEA

**Old Hangul medial vowels**

- 11A3  HANGUL JUNGSEONG A-EU  
 11A4  HANGUL JUNGSEONG YA-U  
 11A5  HANGUL JUNGSEONG YEO-YA  
 11A6  HANGUL JUNGSEONG O-YA  
 11A7  HANGUL JUNGSEONG O-YAE

**Final consonants**

- 11A8  HANGUL JONGSEONG KIYEOK  
     = G  
 11A9  HANGUL JONGSEONG SSANGKIYEOK  
     = GG  
 11AA  HANGUL JONGSEONG KIYEOK-SIOS  
     = GS  
 11AB  HANGUL JONGSEONG NIEUN  
     = N  
 11AC  HANGUL JONGSEONG NIEUN-CIEUC  
     = NJ  
 11AD  HANGUL JONGSEONG NIEUN-HIEUH  
     = NH  
 11AE  HANGUL JONGSEONG TIKEUT  
     = D  
 11AF  HANGUL JONGSEONG RIEUL  
     = L  
 11B0  HANGUL JONGSEONG RIEUL-KIYEOK  
     = LG  
 11B1  HANGUL JONGSEONG RIEUL-MIEUM  
     = LM  
 11B2  HANGUL JONGSEONG RIEUL-PIEUP  
     = LB  
 11B3  HANGUL JONGSEONG RIEUL-SIOS  
     = LS

|      |   |  |      |   |                                    |
|------|---|--|------|---|------------------------------------|
| 11B4 | 𤔄 | HANGUL JONGSEONG RIEUL-THIEUTH<br>= LT | 11E4 | 𤔄 | HANGUL JONGSEONG PIEUP-PHIEUPH     |
| 11B5 | 𤔅 | HANGUL JONGSEONG RIEUL-PHIEUPH<br>= LP | 11E5 | 𤔅 | HANGUL JONGSEONG PIEUP-HIEUH       |
| 11B6 | 𤔆 | HANGUL JONGSEONG RIEUL-HIEUH<br>= LH   | 11E6 | 𤔆 | HANGUL JONGSEONG KAPYEOUNPIEUP     |
| 11B7 | 𤔇 | HANGUL JONGSEONG MIEUM<br>= M          | 11E7 | 𤔇 | HANGUL JONGSEONG SIOS-KIYEOK       |
| 11B8 | 𤔈 | HANGUL JONGSEONG PIEUP<br>= B          | 11E8 | 𤔈 | HANGUL JONGSEONG SIOS-TIKEUT       |
| 11B9 | 𤔉 | HANGUL JONGSEONG PIEUP-SIOS<br>= BS    | 11E9 | 𤔉 | HANGUL JONGSEONG SIOS-RIEUL        |
| 11BA | 𤔊 | HANGUL JONGSEONG SIOS<br>= S           | 11EA | 𤔊 | HANGUL JONGSEONG SIOS-PIEUP        |
| 11BB | 𤔋 | HANGUL JONGSEONG SSANGSIOS<br>= SS     | 11EB | 𤔋 | HANGUL JONGSEONG PANSIOS           |
| 11BC | 𤔌 | HANGUL JONGSEONG IEUNG<br>= NG         | 11EC | 𤔌 | HANGUL JONGSEONG IEUNG-KIYEOK      |
| 11BD | 𤔍 | HANGUL JONGSEONG CIEUC<br>= J          | 11ED | 𤔍 | HANGUL JONGSEONG IEUNG-SSANGKIYEOK |
| 11BE | 𤔎 | HANGUL JONGSEONG CHIEUCH<br>= C        | 11EE | 𤔎 | HANGUL JONGSEONG SSANGIEUNG        |
| 11BF | 𤔏 | HANGUL JONGSEONG KHIEUKH<br>= K        | 11EF | 𤔏 | HANGUL JONGSEONG IEUNG-KHIEUKH     |
| 11C0 | 𤔐 | HANGUL JONGSEONG THIEUTH<br>= T        | 11F0 | 𤔐 | HANGUL JONGSEONG YESIEUNG          |
| 11C1 | 𤔑 | HANGUL JONGSEONG PHIEUPH<br>= P        | 11F1 | 𤔑 | HANGUL JONGSEONG YESIEUNG-SIOS     |
| 11C2 | 𤔒 | HANGUL JONGSEONG HIEUH<br>= H          | 11F2 | 𤔒 | HANGUL JONGSEONG YESIEUNG-PANSIOS  |
| 11C3 | 𤔓 | HANGUL JONGSEONG KIYEOK-RIEUL          | 11F3 | 𤔓 | HANGUL JONGSEONG PHIEUPH-PIEUP     |
| 11C4 | 𤔔 | HANGUL JONGSEONG KIYEOK-SIOS-KIYEOK    | 11F4 | 𤔔 | HANGUL JONGSEONG KAPYEOUNPHIEUPH   |
| 11C5 | 𤔕 | HANGUL JONGSEONG NIEUN-KIYEOK          | 11F5 | 𤔕 | HANGUL JONGSEONG HIEUH-NIEUN       |
| 11C6 | 𤔖 | HANGUL JONGSEONG NIEUN-TIKEUT          | 11F6 | 𤔖 | HANGUL JONGSEONG HIEUH-RIEUL       |
| 11C7 | 𤔗 | HANGUL JONGSEONG NIEUN-SIOS            | 11F7 | 𤔗 | HANGUL JONGSEONG HIEUH-MIEUM       |
| 11C8 | 𤔘 | HANGUL JONGSEONG NIEUN-PANSIOS         | 11F8 | 𤔘 | HANGUL JONGSEONG HIEUH-PIEUP       |
| 11C9 | 𤔙 | HANGUL JONGSEONG NIEUN-THIEUTH         | 11F9 | 𤔙 | HANGUL JONGSEONG YEORINHIEUH       |
| 11CA | 𤔚 | HANGUL JONGSEONG TIKEUT-KIYEOK         |      |   |                                    |
| 11CB | 𤔛 | HANGUL JONGSEONG TIKEUT-RIEUL          |      |   |                                    |
| 11CC | 𤔜 | HANGUL JONGSEONG RIEUL-KIYEOK-SIOS     |      |   |                                    |
| 11CD | 𤔝 | HANGUL JONGSEONG RIEUL-NIEUN           |      |   |                                    |
| 11CE | 𤔞 | HANGUL JONGSEONG RIEUL-TIKEUT          |      |   |                                    |
| 11CF | 𤔟 | HANGUL JONGSEONG RIEUL-TIKEUT-HIEUH    |      |   |                                    |
| 11D0 | 𤔠 | HANGUL JONGSEONG SSANGRIEUL            |      |   |                                    |
| 11D1 | 𤔡 | HANGUL JONGSEONG RIEUL-MIEUM-KIYEOK    |      |   |                                    |
| 11D2 | 𤔢 | HANGUL JONGSEONG RIEUL-MIEUM-SIOS      |      |   |                                    |
| 11D3 | 𤔣 | HANGUL JONGSEONG RIEUL-PIEUP-SIOS      |      |   |                                    |
| 11D4 | 𤔤 | HANGUL JONGSEONG RIEUL-PIEUP-HIEUH     |      |   |                                    |
| 11D5 | 𤔥 | HANGUL JONGSEONG RIEUL-KAPYEOUNPIEUP   |      |   |                                    |
| 11D6 | 𤔦 | HANGUL JONGSEONG RIEUL-SSANGSIOS       |      |   |                                    |
| 11D7 | 𤔧 | HANGUL JONGSEONG RIEUL-PANSIOS         |      |   |                                    |
| 11D8 | 𤔨 | HANGUL JONGSEONG RIEUL-KHIEUKH         |      |   |                                    |
| 11D9 | 𤔩 | HANGUL JONGSEONG RIEUL-YEORINHIEUH     |      |   |                                    |
| 11DA | 𤔪 | HANGUL JONGSEONG MIEUM-KIYEOK          |      |   |                                    |
| 11DB | 𤔫 | HANGUL JONGSEONG MIEUM-RIEUL           |      |   |                                    |
| 11DC | 𤔬 | HANGUL JONGSEONG MIEUM-PIEUP           |      |   |                                    |
| 11DD | 𤔭 | HANGUL JONGSEONG MIEUM-SIOS            |      |   |                                    |
| 11DE | 𤔮 | HANGUL JONGSEONG MIEUM-SSANGSIOS       |      |   |                                    |
| 11DF | 𤔯 | HANGUL JONGSEONG MIEUM-PANSIOS         |      |   |                                    |
| 11E0 | 𤔰 | HANGUL JONGSEONG MIEUM-CHIEUCH         |      |   |                                    |
| 11E1 | 𤔱 | HANGUL JONGSEONG MIEUM-HIEUH           |      |   |                                    |
| 11E2 | 𤔲 | HANGUL JONGSEONG KAPYEOUNMIEUM         |      |   |                                    |
| 11E3 | 𤔳 | HANGUL JONGSEONG PIEUP-RIEUL           |      |   |                                    |

**Old Hangul final consonants**

|      |   |                                 |
|------|---|---------------------------------|
| 11FA | 𤔄 | HANGUL JONGSEONG KIYEOK-NIEUN   |
| 11FB | 𤔅 | HANGUL JONGSEONG KIYEOK-PIEUP   |
| 11FC | 𤔆 | HANGUL JONGSEONG KIYEOK-CHIEUCH |
| 11FD | 𤔇 | HANGUL JONGSEONG KIYEOK-KHIEUK  |
| 11FE | 𤔈 | HANGUL JONGSEONG KIYEOK-HIEUH   |
| 11FF | 𤔉 | HANGUL JONGSEONG SSANGNIEUN     |

|   | A96  | A97  |  |
|---|------|------|--|
| 0 | ㄱㅁ   | ㅂㄷ   |  |
|   | A960 | A970 |  |
| 1 | ㄷㅂ   | ㅁㅅ   |  |
|   | A961 | A971 |  |
| 2 | ㄱㅅ   | ㅂㅌ   |  |
|   | A962 | A972 |  |
| 3 | ㄷㅈ   | ㅂㅋ   |  |
|   | A963 | A973 |  |
| 4 | ㄹㄱ   | ㅂㅎ   |  |
|   | A964 | A974 |  |
| 5 | ㄹㄲ   | ㅅㅈ   |  |
|   | A965 | A975 |  |
| 6 | ㄹㄷ   | ㅇㄹ   |  |
|   | A966 | A976 |  |
| 7 | ㄹㄸ   | ㅇㅎ   |  |
|   | A967 | A977 |  |
| 8 | ㄹㅁ   | ㅉㅎ   |  |
|   | A968 | A978 |  |
| 9 | ㄹㅂ   | ㅌㅌ   |  |
|   | A969 | A979 |  |
| A | ㄹㅃ   | ㅍㅎ   |  |
|   | A96A | A97A |  |
| B | ㄹڧ   | ㅎㅅ   |  |
|   | A96B | A97B |  |
| C | ㄹㅅ   | ㅎㅎ   |  |
|   | A96C | A97C |  |
| D | ㄹㅈ   |      |  |
|   | A96D |      |  |
| E | ㄹㅋ   |      |  |
|   | A96E |      |  |
| F | ㅁㄱ   |      |  |
|   | A96F |      |  |

*Note to reviewers: This is a preliminary proposal. The code points shown are merely suggestions for a possible placement.*

## Korean combining alphabet

### Old Hangul initial consonants

|      |   |                                     |
|------|---|-------------------------------------|
| A960 | ㄱ | HANGUL CHOSEONG TIKEUT-MIEUM        |
| A961 | ㄷ | HANGUL CHOSEONG TIKEUT-PIEUP        |
| A962 | ㅂ | HANGUL CHOSEONG TIKEUT-SIOS         |
| A963 | ㅈ | HANGUL CHOSEONG TIKEUT-CIEUC        |
| A964 | ㅋ | HANGUL CHOSEONG RIEUL-KIYEOK        |
| A965 | ㅌ | HANGUL CHOSEONG RIEUL-SSANGKIYEOK   |
| A966 | ㅍ | HANGUL CHOSEONG RIEUL-TIKEUT        |
| A967 | ㅎ | HANGUL CHOSEONG RIEUL-SSANGTIKEUT   |
| A968 | ㄺ | HANGUL CHOSEONG RIEUL-MIEUM         |
| A969 | ㄻ | HANGUL CHOSEONG RIEUL-PIEUP         |
| A96A | ㄻ | HANGUL CHOSEONG RIEUL-SSANGPIEUP    |
| A96B | ㄻ | HANGUL CHOSEONG RIEUL-KAPYEOUNPIEUP |
| A96C | ㄻ | HANGUL CHOSEONG RIEUL-SIOS          |
| A96D | ㄻ | HANGUL CHOSEONG RIEUL-CIEUC         |
| A96E | ㄻ | HANGUL CHOSEONG RIEUL-KHIEUK        |
| A96F | ㄻ | HANGUL CHOSEONG MIEUM-KIYEOK        |
| A970 | ㄻ | HANGUL CHOSEONG MIEUM-TIKEUT        |
| A971 | ㄻ | HANGUL CHOSEONG MIEUM-SIOS          |
| A972 | ㄻ | HANGUL CHOSEONG PIEUP-SIOS-THIEUTH  |
| A973 | ㄻ | HANGUL CHOSEONG PIEUP-KHIEUK        |
| A974 | ㄻ | HANGUL CHOSEONG PIEUP-HIEUH         |
| A975 | ㄻ | HANGUL CHOSEONG SSANGSIOS-PIEUP     |
| A976 | ㄻ | HANGUL CHOSEONG IEUNG-RIEUL         |
| A977 | ㄻ | HANGUL CHOSEONG IEUNG-HIEUH         |
| A978 | ㄻ | HANGUL CHOSEONG SSANGCIEUC-HIEUH    |
| A979 | ㄻ | HANGUL CHOSEONG SSANGTHIEUTH        |
| A97A | ㄻ | HANGUL CHOSEONG PHIEUPH-HIEUH       |
| A97B | ㄻ | HANGUL CHOSEONG HIEUH-SIOS          |
| A97C | ㄻ | HANGUL CHOSEONG SSANGYEORINHIEUH    |

|   | D7B | D7C | D7D | D7E | D7F |  |
|---|-----|-----|-----|-----|-----|--|
| 0 | ﾧ   | ﾨ   | ﾩ   | ﾪ   | ﾫ   |  |
| 1 | ﾬ   | ﾭ   | ﾮ   | ﾯ   | ﾰ   |  |
| 2 | ﾱ   | ﾲ   | ﾳ   | ﾴ   | ﾵ   |  |
| 3 | ﾵ   | ﾶ   | ﾷ   | ﾸ   | ﾹ   |  |
| 4 | ﾺ   | ﾻ   | ﾼ   | ﾽ   | ﾾ   |  |
| 5 | ﾻ   | ﾼ   | ﾽ   | ﾿   | ﾾ   |  |
| 6 | ﾻ   | ﾼ   | ﾽ   | ﾿   | ﾾ   |  |
| 7 | ﾻ   | ﾼ   |     | ﾽ   | ﾾ   |  |
| 8 | ﾻ   | ﾼ   |     | ﾽ   | ﾾ   |  |
| 9 | ﾻ   | ﾼ   |     | ﾽ   | ﾾ   |  |
| A | ﾻ   | ﾼ   |     | ﾽ   | ﾾ   |  |
| B | ﾻ   | ﾻ   | ﾽ   | ﾾ   | ﾻ   |  |
| C | ﾻ   | ﾻ   | ﾽ   | ﾾ   | ﾼ   |  |
| D | ﾻ   | ﾻ   | ﾽ   | ﾾ   | ﾼ   |  |
| E | ﾨ   | ﾽ   | ﾻ   | ﾾ   | ﾼ   |  |
| F | ﾨ   | ﾽ   | ﾻ   | ﾾ   | ﾼ   |  |

*Note to reviewers: This is a preliminary proposal. The code points shown are merely suggestions for a possible placement.*

## Korean combining alphabet

### Old Hangul medial vowels

|      |   |                          |
|------|---|--------------------------|
| D7B0 | ㅓ | HANGUL JONGSEONG O-YEO   |
| D7B1 | ㅗ | HANGUL JONGSEONG O-O-I   |
| D7B2 | ㅕ | HANGUL JONGSEONG YO-A    |
| D7B3 | ㅘ | HANGUL JONGSEONG YO-AE   |
| D7B4 | ㅛ | HANGUL JONGSEONG YO-EO   |
| D7B5 | ㅕ | HANGUL JONGSEONG U-YEO   |
| D7B6 | ㅔ | HANGUL JONGSEONG U-I-I   |
| D7B7 | ㅕ | HANGUL JONGSEONG YU-AE   |
| D7B8 | ㅖ | HANGUL JONGSEONG YU-O    |
| D7B9 | ㅗ | HANGUL JONGSEONG EU-A    |
| D7BA | ㅘ | HANGUL JONGSEONG EU-EO   |
| D7BB | ㅙ | HANGUL JONGSEONG EU-E    |
| D7BC | ㅖ | HANGUL JONGSEONG EU-O    |
| D7BD | ㅔ | HANGUL JONGSEONG I-YA-O  |
| D7BE | ㅕ | HANGUL JONGSEONG I-YAE   |
| D7BF | ㅔ | HANGUL JONGSEONG I-YEO   |
| D7C0 | ㅕ | HANGUL JONGSEONG I-YE    |
| D7C1 | ㅔ | HANGUL JONGSEONG I-O-I   |
| D7C2 | ㅕ | HANGUL JONGSEONG I-YO    |
| D7C3 | ㅕ | HANGUL JONGSEONG I-YU    |
| D7C4 | ㅕ | HANGUL JONGSEONG I-I     |
| D7C5 | ㅔ | HANGUL JONGSEONG ARAEA-A |
| D7C6 | ㅕ | HANGUL JONGSEONG ARAEA-E |

### Old Hangul final consonants

|      |   |  |
|------|---|--|
| D7CB | ㄱ | HANGUL JONGSEONG NIEUN-RIEUL             |
| D7CC | ㅋ | HANGUL JONGSEONG NIEUN-CHIEUCH           |
| D7CD | ㅌ | HANGUL JONGSEONG SSANGTIKEUT             |
| D7CE | ㅍ | HANGUL JONGSEONG SSANGTIKEUT-PIEUP       |
| D7CF | ㅎ | HANGUL JONGSEONG TIKEUT-PIEUP            |
| D7D0 | ㅅ | HANGUL JONGSEONG TIKEUT-SIOS             |
| D7D1 | ㅈ | HANGUL JONGSEONG TIKEUT-SIOS-KIYEOK      |
| D7D2 | ㅊ | HANGUL JONGSEONG TIKEUT-CIEUC            |
| D7D3 | ㅎ | HANGUL JONGSEONG TIKEUT-CHIEUCH          |
| D7D4 | ㅌ | HANGUL JONGSEONG TIKEUT-THIEUTH          |
| D7D5 | ㄷ | HANGUL JONGSEONG RIEUL-SSANGKIYEOK       |
| D7D6 | ㅌ | HANGUL JONGSEONG RIEUL-KIYEOK-HIEUH      |
| D7D7 | ㅆ | HANGUL JONGSEONG SSANGRIEUL-KHIEUKH      |
| D7D8 | ㄴ | HANGUL JONGSEONG RIEUL-MIEUM-HIEUH       |
| D7D9 | ㅌ | HANGUL JONGSEONG RIEUL-PIEUP-TIKEUT      |
| D7DA | ㅌ | HANGUL JONGSEONG RIEUL-PIEUP-PHIEUPH     |
| D7DB | ㅎ | HANGUL JONGSEONG RIEUL-YESIEUNG          |
| D7DC | ㅎ | HANGUL JONGSEONG RIEUL-YEORINHIEUH-HIEUH |
| D7DD | ㅋ | HANGUL JONGSEONG KAPYEOUNRIEUL           |
| D7DE | ㅌ | HANGUL JONGSEONG MIEUM-NIEUN             |
| D7DF | ㅍ | HANGUL JONGSEONG MIEUM-SSANGNIEUN        |
| D7E0 | ㅎ | HANGUL JONGSEONG SSANGMIEUM              |
| D7E1 | ㅈ | HANGUL JONGSEONG MIEUM-PIEUP-SIOS        |
| D7E2 | ㅊ | HANGUL JONGSEONG MIEUM-CIEUC             |
| D7E3 | ㅌ | HANGUL JONGSEONG PIEUP-TIKEUT            |
| D7E4 | ㅍ | HANGUL JONGSEONG PIEUP-RIEUL-PHIEUPH     |
| D7E5 | ㅎ | HANGUL JONGSEONG PIEUP-MIEUM             |
| D7E6 | ㅆ | HANGUL JONGSEONG SSANGPIEUP              |
| D7E7 | ㅎ | HANGUL JONGSEONG PIEUP-SIOS-TIKEUT       |

|      |   |  |
|------|---|--|
| D7E8 | ㅂ | HANGUL JONGSEONG PIEUP-CIEUC           |
| D7E9 | ㅍ | HANGUL JONGSEONG PIEUP-CHIEUCH         |
| D7EA | ㅅ | HANGUL JONGSEONG SIOS-MIEUM            |
| D7EB | ㅈ | HANGUL JONGSEONG SIOS-KAPYEOUNPIEUP    |
| D7EC | ㅊ | HANGUL JONGSEONG SSANGSIOS-KIYEOK      |
| D7ED | ㅌ | HANGUL JONGSEONG SSANGSIOS-TIKEUT      |
| D7EE | ㅍ | HANGUL JONGSEONG SIOS-PANSIOS          |
| D7EF | ㅎ | HANGUL JONGSEONG SIOS-CIEUC            |
| D7F0 | ㅎ | HANGUL JONGSEONG SIOS-CHIEUCH          |
| D7F1 | ㅌ | HANGUL JONGSEONG SIOS-THIEUTH          |
| D7F2 | ㅎ | HANGUL JONGSEONG SIOS-HIEUH            |
| D7F3 | ㅆ | HANGUL JONGSEONG PANSIOS-PIEUP         |
| D7F4 | ㅎ | HANGUL JONGSEONG PANSIOS-KAPYEOUNPIEUP |
| D7F5 | ㆁ | HANGUL JONGSEONG YESIEUNG-MIEUM        |
| D7F6 | ㆁ | HANGUL JONGSEONG YESIEUNG-HIEUH        |
| D7F7 | ㆁ | HANGUL JONGSEONG CIEUC-PIEUP           |
| D7F8 | ㆁ | HANGUL JONGSEONG CIEUC-SSANGPIEUP      |
| D7F9 | ㆁ | HANGUL JONGSEONG SSANGCIEUC            |
| D7FA | ㆁ | HANGUL JONGSEONG PHIEUPH-SIOS          |
| D7FB | ㆁ | HANGUL JONGSEONG PHIEUPH-THIEUTH       |