

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

**Document Type: Working Group Document**

**Title: Draft ISO/IEC 14651:2001 CTT tailoring delta for D.P.R. Korea**

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**Status: Expert Contribution**

**Action: For consideration by JTC 1/SC 2/WG 2's ad hoc on Korean, and JTC 1/SC 22/WG 20**

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## **Name changes (in comments) included in WG20/N867**

"HANGUL" -> "KOREAN" (not detailed in the full list below), some systematic changes (like TIKIUT -> TIEUT, SSANG -> TU), as well as several others (detailed in the full list below). Some spelling corrections(?) have been done silently in the full list below.

In this document the last part of the character name as suggested by DPR of Korea is given in parentheses after the character name in 10646 (or suitable name, by extension of existing names, for suggested characters).

## **Omitted Hangul Jamo characters in WG20/N867**

The following seven characters are omitted in WG20/N867; their preferred ordering for a DPR of Korea ordering is therefore unknown. The ordering from SC2/WG2 N2249R (SC22/WG20 N858) is kept here, except that <S118B> (HANGUL JUNGSEONG U-EO-EU) is moved up to just after <S118C> (HANGUL JUNGSEONG U-YE (O-I)), so that it at least is ordered among the U- jungseongs.

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<S1134> % HANGUL CHOSEONG SIOS-SSANGSIOS (SIEUS-TU SIEUS)
<S1145> % HANGUL CHOSEONG IEUNG-SIOS (IEUNG-SIEUS)
<S1146> % HANGUL CHOSEONG IEUNG-PANSIOS (IEUNG-PANISORI)
<S1190> % HANGUL JUNGSEONG YU-E
<S118B> % HANGUL JUNGSEONG U-EO-EU
<S1192> % HANGUL JUNGSEONG YU-YE
<S1197> % HANGUL JUNGSEONG YI-U
```

## **Apparent suggestions for new characters in WG20/N867**

The following 13 characters are apparently suggested characters, which have been suggested before:

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%<S115A> % HANGUL CHOSEONG HYEOPATAKSORI NIEUN
%<S115B> % HANGUL CHOSEONG HYEOPATAKSORI TIKIUT (HYEOPATAKSORI TIEUT)
%<S11FE> % HANGUL CHOSEONG MAREUMMIEUM
%<S115C> % HANGUL CHOSEONG HYEOPATAKSORI THIEUTH
%<S11FA> % HANGUL CHOSEONG NIEUN-IEUNG
%<S115D> % HANGUL CHOSEONG HYEOPATAKSORI SSANGTIKIUT (HYEOPATAKSORI TU TIEUT)
%<S11A3> % HANGUL JUNGSEONG O-A
%<S11A4> % HANGUL JUNGSEONG YO-A
%<S11A5> % HANGUL JUNGSEONG YO-EO
%<S11A6> % HANGUL JUNGSEONG U-YEO
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%<S11A7> % HANGUL JUNGSEONG U-EU  
%<S11FC> % HANGUL JUNGSEONG EU-A  
%<S11FD> % HANGUL JUNGSEONG YU-AE (YU-A-I)

The following two characters are apparently new suggestions:

%<S11FB> % HANGUL CHOSEONG EOKEUMISORI-SIOS (EOKEUMISORI-SIEUS)  
%<S11F0> % HANGUL JUNGSEONG YU-EO-I [suggested code position already in use]

Note that the apparently suggested code position for the last one is already in use for another Hangul Jamo character.

[-----side remark-----]

Here are possible [character <-> code position] allocations for the suggested Hangul Jamo characters that do not collide with existing allocations:

U+115A HANGUL CHOSEONG HYEOPATAKSORI NIEUN  
U+115B HANGUL CHOSEONG HYEOPATAKSORI TIKEUT (HYEOPATAKSORI TIEUT)  
U+115C HANGUL CHOSEONG MAREUMMIEUM  
U+115D HANGUL CHOSEONG HYEOPATAKSORI THIEUTH  
U+115E HANGUL CHOSEONG NIEUN-IEUNG  
  
U+11A3 HANGUL CHOSEONG HYEOPATAKSORI SSANGTIKEUT (HYEOPATAKSORI TU TIEUT)  
U+11A4 HANGUL CHOSEONG EOKEUMISORI-SIOS (EOKEUMISORI-SIEUS)  
U+11A5 HANGUL JUNGSEONG O-A  
U+11A6 HANGUL JUNGSEONG YO-A  
U+11A7 [left unallocated; HANGUL JONGSEONG FILLER??]  
  
U+11FA HANGUL JUNGSEONG YO-EO  
U+11FB HANGUL JUNGSEONG U-YEO  
U+11FC HANGUL JUNGSEONG U-EU  
U+11FD HANGUL JUNGSEONG EU-A  
U+11FE HANGUL JUNGSEONG YU-AE (YU-A-I)  
U+11FF HANGUL JUNGSEONG YU-EO-I

Save one code position, this fills the Hangul Jamo block. The above suggested allocation is used in the tailoring below.

-----end side remark-----]

## Ordering changes in WG20/N867 compared to WG2/N2249R (WG20/N858)

SC2/WG2 N2249R (SC22/WG20 N858):

<S11F4> % HANGUL JONGSEONG KAPYEOUNPHIEUPH  
<S11EB> % HANGUL JONGSEONG PANSIOS

SC22/WG20 N867:

<S11EB> % HANGUL JONGSEONG PANSIOS (PANISORI)  
<S11F4> % HANGUL JONGSEONG KAPYEOUNPHIEUPH

## Tailoring of the ISO/IEC 14651:2001 CTT for DPR of Korea ordering

\* This table in plain text format is at <http://wwwold.dkuug.dk/jtc1/sc22/wg20/docs/n879-reorder-table.txt>

reorder-after <S1100> % HANGUL CHOSEONG KIYEOK

<S1100> % HANGUL CHOSEONG KIYEOK (KIEUK)  
<S1102> % HANGUL CHOSEONG NIEUN  
<S1103> % HANGUL CHOSEONG TIKEUT (TIEUT)  
<S1105> % HANGUL CHOSEONG RIEUL  
<S1106> % HANGUL CHOSEONG MIEUM  
<S1107> % HANGUL CHOSEONG PIEUP  
<S1109> % HANGUL CHOSEONG SIOS (SIEUS)  
<S110C> % HANGUL CHOSEONG CIEUC (JIEUJ)  
<S110E> % HANGUL CHOSEONG CHIEUCH  
<S110F> % HANGUL CHOSEONG KHIEUKH  
<S1110> % HANGUL CHOSEONG THIEUTH  
<S1111> % HANGUL CHOSEONG PHIEUPH  
<S1112> % HANGUL CHOSEONG HIEUH  
<S1101> % HANGUL CHOSEONG SSANGKIYEOK (TOINKIEUK) [TU KIEUK?]  
<S1104> % HANGUL CHOSEONG SSANGTIKEUT (TOINTIEUT) [TU TIEUT?]  
<S1108> % HANGUL CHOSEONG SSANGPIEUP (TOINPIEUP) [TU PIEUP?]  
<S110A> % HANGUL CHOSEONG SSANGSIOS (TOINSIEUS) [TU SIEUS?]  
<S110D> % HANGUL CHOSEONG SSANGCIEUC (TOINIJIEUJ) [TU JIEUJ?]  
<S110B> % HANGUL CHOSEONG IEUNG  
%<S115A> % HANGUL CHOSEONG HYEOPATAKSORI NIEUN [suggested in N867]  
% a tall stem form of U+1102 HANGUL CHOSEONG NIEUN  
%<S115B> % HANGUL CHOSEONG HYEOPATAKSORI TIKEUT (TIEUT) [suggested in N867]  
% a tall stem form of U+1103 HANGUL CHOSEONG TIKEUT (TIEUT)  
<S111B> % HANGUL CHOSEONG KAPYEOUNRIEUL  
<S111D> % HANGUL CHOSEONG KAPYEOUNMIEUM  
%<S115C> % HANGUL CHOSEONG MAREUMMIEUM [suggested in N867]  
<S112B> % HANGUL CHOSEONG KAPYEOUNPIEUP  
<S113C> % HANGUL CHOSEONG CHITUEUMSIOS (IMEORISORISIEUS)  
<S113E> % HANGUL CHOSEONG CEONGCHIEUMSIOS (IMOMSORISIEUS)  
<S1140> % HANGUL CHOSEONG PANSIOS (PANISORI)  
<S114E> % HANGUL CHOSEONG CHITUEUMCIEUC (IMEORISORIJIEUJ)  
<S1150> % HANGUL CHOSEONG CEONGCHIEUMCIEUC (IMOMSORIJIEUJ)  
<S1154> % HANGUL CHOSEONG CHITUEUMCHIEUCH (IMEORISORICHIEUCH)  
<S1155> % HANGUL CHOSEONG CEONGCHIEUMCHIEUCH (IMOMSORICHIEUCH)  
%<S115D> % HANGUL CHOSEONG HYEOPATAKSORI THIEUTH [suggested in N867]  
% a tall stem form of U+1110 HANGUL CHOSEONG THIEUTH  
<S1157> % HANGUL CHOSEONG KAPYEOUNPHIEUPH (KAPYEOUNSORI PHIEUPH)  
<S1159> % HANGUL CHOSEONG YEORINHIEUH (MOKKUMEONGTHEOCHIMSORI)  
<S114C> % HANGUL CHOSEONG YESIEUNG (EOKEUMISORI)  
<S1113> % HANGUL CHOSEONG NIEUN-KIYEOK (NIEUN-KIEUK)  
<S1114> % HANGUL CHOSEONG SSANGNIEUN (TU NIEUN)  
<S1115> % HANGUL CHOSEONG NIEUN-TIKEUT (NIEUN-TIEUT)  
<S1116> % HANGUL CHOSEONG NIEUN-PIEUP  
%<S115E> % HANGUL CHOSEONG NIEUN-IEUNG [suggested in N867]  
<S1117> % HANGUL CHOSEONG TIKEUT-KIYEOK (TIEUT-KIEUK)  
%<S11A3> % HANGUL CHOSEONG HYEOPATAKSORI SSANGTIKEUT (HYEOPATAKSORI TU TIEUT)  
% [suggested in N867]  
% a tall stems form of U+1104 HANGUL CHOSEONG SSANGTIKEUT (TU TIEUT)  
<S1118> % HANGUL CHOSEONG RIEUL-NIEUN  
<S1119> % HANGUL CHOSEONG SSANGRIEUL (TU RIEUL)

<S111A> % HANGUL CHOSEONG RIEUL-HIEUH  
 <S111C> % HANGUL CHOSEONG MIEUM-PIEUP  
 <S111E> % HANGUL CHOSEONG PIEUP-KIYEOK (PIEUP-KIEUK)  
 <S111F> % HANGUL CHOSEONG PIEUP-NIEUN  
 <S1120> % HANGUL CHOSEONG PIEUP-TIKEUT (PIEUP-TIEUT)  
 <S112C> % HANGUL CHOSEONG KAPYEOUNSSANGPIEUP (KAPYEOUN TU PIEUP)  
 <S1121> % HANGUL CHOSEONG PIEUP-SIOS (PIEUP-SIEUS)  
 <S1127> % HANGUL CHOSEONG PIEUP-CIEUC (PIEUP-JIEUJ)  
 <S1128> % HANGUL CHOSEONG PIEUP-CHIEUCH  
 <S1129> % HANGUL CHOSEONG PIEUP-THIEUTH  
 <S112A> % HANGUL CHOSEONG PIEUP-PHIEUPH  
 <S112D> % HANGUL CHOSEONG SIOS-KIYEOK (SIEUS-KIEUK)  
 <S112E> % HANGUL CHOSEONG SIOS-NIEUN (SIEUS-NIEUN)  
 <S112F> % HANGUL CHOSEONG SIOS-TIKEUT (SIEUS-TIEUT)  
 <S1130> % HANGUL CHOSEONG SIOS-RIEUL (SIEUS-RIEUL)  
 <S1131> % HANGUL CHOSEONG SIOS-MIEUM (SIEUS-MIEUM)  
 <S1132> % HANGUL CHOSEONG SIOS-PIEUP (SIEUS-PIEUP)  
 <S113D> % HANGUL CHOSEONG CHITUEUMSSANGSIOS (IMEORISORI TU SIEUS)  
 <S113F> % HANGUL CHOSEONG CEONGCHIEUMSSANGSIOS (IMOMSORI SIEUS)  
 <S1136> % HANGUL CHOSEONG SIOS-CIEUC (SIEUS-JIEUJ)  
 <S1137> % HANGUL CHOSEONG SIOS-CHIEUCH (SIEUS-CHIEUCH)  
 <S1138> % HANGUL CHOSEONG SIOS-KHIEUKH (SIEUS-KHIEUKH)  
 <S1139> % HANGUL CHOSEONG SIOS-THIEUTH (SIEUS-THIEUTH)  
 <S113A> % HANGUL CHOSEONG SIOS-PHIEUPH (SIEUS-PHIEUPH)  
 <S113B> % HANGUL CHOSEONG SIOS-HIEUH (SIEUS-HIEUH)  
 <S1135> % HANGUL CHOSEONG SIOS-IEUNG (SIEUS-IEUNG)  
 <S1134> % HANGUL CHOSEONG SIOS-SSANGSIOS (SIEUS-TU SIEUS) [omitted in N867]  
 <S114D> % HANGUL CHOSEONG CIEUC-IEUNG (JIEUJ-IEUNG)  
 <S114F> % HANGUL CHOSEONG CHITUEUMSSANGCIEUC (IMEORISORI TU JIEUJ)  
 <S1151> % HANGUL CHOSEONG CEONGCHIEUMSSANGCIEUC (IMOMSORI TU JIEUJ)  
 <S1152> % HANGUL CHOSEONG CHIEUCH-KHIEUKH  
 <S1153> % HANGUL CHOSEONG CHIEUCH-HIEUH  
 <S1156> % HANGUL CHOSEONG PHIEUPH-PIEUP  
 <S1158> % HANGUL CHOSEONG SSANGHIEUH (TU HIEUH)  
 <S1141> % HANGUL CHOSEONG IEUNG-KIYEOK (IEUNG-KIEUK)  
 <S1142> % HANGUL CHOSEONG IEUNG-TIKEUT (IEUNG-TIEUT)  
 <S1143> % HANGUL CHOSEONG IEUNG-MIEUM  
 <S1144> % HANGUL CHOSEONG IEUNG-PIEUP  
 <S1148> % HANGUL CHOSEONG IEUNG-CIEUC (IEUNG-JIEUJ)  
 <S1149> % HANGUL CHOSEONG IEUNG-CHIEUCH  
 <S114A> % HANGUL CHOSEONG IEUNG-THIEUTH  
 <S114B> % HANGUL CHOSEONG IEUNG-PHIEUPH  
 <S1147> % HANGUL CHOSEONG SSANGIEUNG (TU IEUNG)  
 <S1145> % HANGUL CHOSEONG IEUNG-SIOS (IEUNG-SIEUS) [omitted in N867]  
 <S1146> % HANGUL CHOSEONG IEUNG-PANSIOS (IEUNG-PANSIEUS) [omitted in N867]  
 %<S11A4> % HANGUL CHOSEONG EOKEUMISORI-SIOS (EOKEUMISORI-SIEUS)  
 % [new suggested in N867]  
 <S1122> % HANGUL CHOSEONG PIEUP-SIOS-KIYEOK (PIEUP-SIEUS-KIEUK)  
 <S1123> % HANGUL CHOSEONG PIEUP-SIOS-TIKEUT (PIEUP-SIEUS-TIEUT)  
 <S1124> % HANGUL CHOSEONG PIEUP-SIOS-PIEUP (PIEUP-SIEUS-PIEUP)  
 <S1125> % HANGUL CHOSEONG PIEUP-SSANGSIOS (PIEUP-TU SIEUS)  
 <S1126> % HANGUL CHOSEONG PIEUP-SIOS-CIEUC (PIEUP-SIEUS-JIEUJ)  
 <S1133> % HANGUL CHOSEONG SIOS-PIEUP-KIYEOK (SIEUS-PIEUP-KIEUK)  
 <S115F> % HANGUL CHOSEONG FILLER

<S1160> % HANGUL JUNGSEONG FILLER  
 <S1161> % HANGUL JUNGSEONG A  
 <S1163> % HANGUL JUNGSEONG YA  
 <S1165> % HANGUL JUNGSEONG EO  
 <S1167> % HANGUL JUNGSEONG YEO  
 <S1169> % HANGUL JUNGSEONG O  
 <S116D> % HANGUL JUNGSEONG YO  
 <S116E> % HANGUL JUNGSEONG U  
 <S1172> % HANGUL JUNGSEONG YU  
 <S1173> % HANGUL JUNGSEONG EU  
 <S1175> % HANGUL JUNGSEONG I  
 <S1162> % HANGUL JUNGSEONG AE  
 <S1164> % HANGUL JUNGSEONG YAE  
 <S1166> % HANGUL JUNGSEONG E  
 <S1168> % HANGUL JUNGSEONG YE  
 <S116C> % HANGUL JUNGSEONG OE (OI)  
 <S1171> % HANGUL JUNGSEONG WI (UI)  
 <S1174> % HANGUL JUNGSEONG YI (EUI)  
 <S116A> % HANGUL JUNGSEONG WA  
 <S116F> % HANGUL JUNGSEONG WEO  
 <S116B> % HANGUL JUNGSEONG WAE (WAI)  
 <S1170> % HANGUL JUNGSEONG WE  
 <S119E> % HANGUL JUNGSEONG ARAEA (ARAI A)  
 <S1176> % HANGUL JUNGSEONG A-O  
 <S1177> % HANGUL JUNGSEONG A-U  
 <S1178> % HANGUL JUNGSEONG YA-O  
 <S1179> % HANGUL JUNGSEONG YA-YO  
 <S117A> % HANGUL JUNGSEONG EO-O  
 <S117B> % HANGUL JUNGSEONG EO-U  
 <S117C> % HANGUL JUNGSEONG EO-EU  
 <S117D> % HANGUL JUNGSEONG YEO-O  
 <S117E> % HANGUL JUNGSEONG YEO-U  
 %<S11A5> % HANGUL JUNGSEONG O-A [suggested in N867]  
 <S117F> % HANGUL JUNGSEONG O-EO  
 <S1182> % HANGUL JUNGSEONG O-O (TU 0)  
 <S1183> % HANGUL JUNGSEONG O-U  
 %<S11A6> % HANGUL JUNGSEONG YO-A [suggested in N867]  
 <S1184> % HANGUL JUNGSEONG YO-YA  
 %<S11FA> % HANGUL JUNGSEONG YO-EO [suggested in N867]  
 <S1186> % HANGUL JUNGSEONG YO-YEO  
 <S1187> % HANGUL JUNGSEONG YO-O  
 <S1188> % HANGUL JUNGSEONG YO-I  
 <S1189> % HANGUL JUNGSEONG U-A  
 %<S11FB> % HANGUL JUNGSEONG U-YEO [suggested in N867]  
 <S118D> % HANGUL JUNGSEONG U-U (TU U)  
 %<S11FC> % HANGUL JUNGSEONG U-EU [suggested in N867]  
 <S118E> % HANGUL JUNGSEONG YU-A  
 <S118F> % HANGUL JUNGSEONG YU-EO  
 <S1191> % HANGUL JUNGSEONG YU-YEO  
 <S1193> % HANGUL JUNGSEONG YU-U  
 <S1194> % HANGUL JUNGSEONG YU-I  
 %<S11FD> % HANGUL JUNGSEONG EU-A [suggested in N867]  
 <S1195> % HANGUL JUNGSEONG EU-U  
 <S1196> % HANGUL JUNGSEONG EU-EU (TU EU)  
 <S1198> % HANGUL JUNGSEONG I-A

<S1199> % HANGUL JUNGSEONG I-YA  
 <S119A> % HANGUL JUNGSEONG I-O  
 <S119B> % HANGUL JUNGSEONG I-U  
 <S119C> % HANGUL JUNGSEONG I-EU  
 <S119D> % HANGUL JUNGSEONG I-ARAEA (I-ARAI A)  
 <S119F> % HANGUL JUNGSEONG ARAEA-EO (ARAI A-EO)  
 <S11A0> % HANGUL JUNGSEONG ARAEA-U (ARAI A-U)  
 <S11A1> % HANGUL JUNGSEONG ARAEA-I (ARAI A-I)  
 <S11A2> % HANGUL JUNGSEONG SSANGARAEA (TU ARAI A)  
 <S1180> % HANGUL JUNGSEONG O-E (O-I)  
 <S1181> % HANGUL JUNGSEONG O-YE (O-I)  
 <S1185> % HANGUL JUNGSEONG YO-YAE (YO-YA-I)  
 <S118A> % HANGUL JUNGSEONG U-AE (U-A-I)  
 <S118C> % HANGUL JUNGSEONG U-YE (O-I)  
 <S118B> % HANGUL JUNGSEONG U-EO-EU [omitted in N867]  
 %<S11FE> % HANGUL JUNGSEONG YU-AE (YU-A-I) [suggested in N867]  
 %<S11FF> % HANGUL JUNGSEONG YU-EO-I [new suggested in N867]  
 <S1190> % HANGUL JUNGSEONG YU-E [omitted in N867]  
 <S1192> % HANGUL JUNGSEONG YU-YE [omitted in N867]  
 <S1197> % HANGUL JUNGSEONG YI-U [omitted in N867]

%%<S11A7> %%% HANGUL JONGSEONG FILLER???  
 <S11A8> % HANGUL JONGSEONG KIYEOK (KIEUK)  
 <S11AA> % HANGUL JONGSEONG KIYEOK-SIOS (KIEUK-SIEUS)  
 <S11AB> % HANGUL JONGSEONG NIEUN  
 <S11AC> % HANGUL JONGSEONG NIEUN-CIEUC (NIEUN-JIEUJ)  
 <S11AD> % HANGUL JONGSEONG NIEUN-HIEUH  
 <S11AE> % HANGUL JONGSEONG TIKEUT (TIEUT)  
 <S11AF> % HANGUL JONGSEONG RIEUL  
 <S11B0> % HANGUL JONGSEONG RIEUL-KIYEOK (RIEUL-KIEUK)  
 <S11B1> % HANGUL JONGSEONG RIEUL-MIEUM  
 <S11B2> % HANGUL JONGSEONG RIEUL-PIEUP  
 <S11B3> % HANGUL JONGSEONG RIEUL-SIOS (RIEUL-SIEUS)  
 <S11B4> % HANGUL JONGSEONG RIEUL-THIEUTH  
 <S11B5> % HANGUL JONGSEONG RIEUL-PHIEUPH  
 <S11B6> % HANGUL JONGSEONG RIEUL-HIEUH  
 <S11B7> % HANGUL JONGSEONG MIEUM  
 <S11B8> % HANGUL JONGSEONG PIEUP  
 <S11B9> % HANGUL JONGSEONG PIEUP-SIOS (PIEUP-SIEUS)  
 <S11BA> % HANGUL JONGSEONG SIOS (SIEUS)  
 <S11BC> % HANGUL JONGSEONG IEUNG  
 <S11BD> % HANGUL JONGSEONG CIEUC (JIEUJ)  
 <S11BE> % HANGUL JONGSEONG CHIEUCH  
 <S11BF> % HANGUL JONGSEONG KHIEUKH  
 <S11C0> % HANGUL JONGSEONG THIEUTH  
 <S11C1> % HANGUL JONGSEONG PHIEUPH  
 <S11C2> % HANGUL JONGSEONG HIEUH  
 <S11A9> % HANGUL JONGSEONG SSANGKIYEOK (TOINKIEUK) [TU KIEUK?]  
 <S11BB> % HANGUL JONGSEONG SSANGSIOS (TOINSIEUS) [TU SIEUS?]  
 <S11E2> % HANGUL JONGSEONG KAPYEOUNMIEUM  
 <S11E6> % HANGUL JONGSEONG KAPYEOUNPIEUP  
 <S11EB> % HANGUL JONGSEONG PANSIOS (PANISORI)  
 % [PANSIOS is moved up one step compared to SC2/WG2 N2249R (SC22/WG20 N858)]

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<S11F4> % HANGUL JONGSEONG KAPYEOUNPHIEUPH
<S11F9> % HANGUL JONGSEONG YEORINHIEUH (MOKKUMEONGTHEOCHIMSORI)
<S11F0> % HANGUL JONGSEONG YESIEUNG (EOKEUMISORI)
<S11C3> % HANGUL JONGSEONG KIYEOK-RIEUL (KIEUK-RIEUL)
<S11C5> % HANGUL JONGSEONG NIEUN-KIYEOK (NIEUN-KIEUK)
<S11C6> % HANGUL JONGSEONG NIEUN-TIKEUT (NIEUN-TIEUT)
<S11C7> % HANGUL JONGSEONG NIEUN-SIOS (NIEUN-SIEUS)
<S11C8> % HANGUL JONGSEONG NIEUN-PANSIOS (NIEUN-PANISORI)
<S11C9> % HANGUL JONGSEONG NIEUN-THIEUTH (NIELTN-THIEUTH)
<S11CA> % HANGUL JONGSEONG TIKEUT-KIYEOK (TIEUT-KIEUK)
<S11CB> % HANGUL JONGSEONG TIKEUT-RIEUL (TIEUT-RIEUL)
<S11CD> % HANGUL JONGSEONG RIEUL-NIEUN
<S11CE> % HANGUL JONGSEONG RIEUL-TIKEUT (RIEUL-TIEUT)
<S11D0> % HANGUL JONGSEONG SSANGRIEUL (TU RIEUL)
<S11D5> % HANGUL JONGSEONG RIEUL-KAPYEOUNPIEUP
<S11D7> % HANGUL JONGSEONG RIEUL-PANSIOS (RIEUL-PANISORI)
<S11D8> % HANGUL JONGSEONG RIEUL-KHIEUKH
<S11D9> % HANGUL JONGSEONG RIEUL-YEORINHIEUH (RIEUL-MOKKUMEONGTHEOCHIMSORI)
<S11DA> % HANGUL JONGSEONG MIEUM-KIYEOK (MIEUM-KIEUK)
<S11DB> % HANGUL JONGSEONG MIEUM-RIEUL
<S11DC> % HANGUL JONGSEONG MIEUM-PIEUP
<S11DD> % HANGUL JONGSEONG MIEUM-SIOS (MIEUM-SIEUS)
<S11DF> % HANGUL JONGSEONG MIEUM-PANSIOS (MIEUM-PANISORI)
<S11E0> % HANGUL JONGSEONG MIEUM-CHIEUCH
<S11E1> % HANGUL JONGSEONG MIEUM-HIEUH
<S11E3> % HANGUL JONGSEONG PIEUP-RIEUL
<S11E4> % HANGUL JONGSEONG PIEUP-PHIEUPH
<S11E5> % HANGUL JONGSEONG PIEUP-HIEUH
<S11E7> % HANGUL JONGSEONG SIOS-KIYEOK (SIEUS-KIEUK)
<S11E8> % HANGUL JONGSEONG SIOS-TIKEUT (SIEUS-TIEUT)
<S11E9> % HANGUL JONGSEONG SIOS-RIEUL (SIEUS-RIEUL)
<S11EA> % HANGUL JONGSEONG SIOS-PIEUP (SIEUS-PIEUP)
<S11EC> % HANGUL JONGSEONG IEUNG-KIYEOK (IEUNG-KIEUK)
<S11EF> % HANGUL JONGSEONG IEUNG-KHIEUKH
<S11EE> % HANGUL JONGSEONG SSANGIEUNG (TU IEUNG)
<S11F3> % HANGUL JONGSEONG PHIEUPH-PIEUP
<S11F5> % HANGUL JONGSEONG HIEUH-NIEUN
<S11F6> % HANGUL JONGSEONG HIEUH-RIEUL
<S11F7> % HANGUL JONGSEONG HIEUH-MIEUM
<S11F8> % HANGUL JONGSEONG HIEUH-PIEUP
<S11F1> % HANGUL JONGSEONG YESIEUNG-SIOS (EOKEUMISORI-SIEUS)
<S11F2> % HANGUL JONGSEONG YESIEUNG-PANSIOS (EOKEUMISORI-PANISORI)
<S11C4> % HANGUL JONGSEONG KIYEOK-SIOS-KIYEOK (KIEUK-SIEUS-KIEUK)
<S11CC> % HANGUL JONGSEONG RIEUL-KIYEOK-SIOS (RIEUL-KIEUK-SIEUS)
<S11CF> % HANGUL JONGSEONG RIEUL-TIKEUT-HIEUH (RIEUL-TIEUT-HIEUH)
<S11D1> % HANGUL JONGSEONG RIEUL-MIEUM-KIYEOK (RIEUL-MIEUM-KIEUK)
<S11D2> % HANGUL JONGSEONG RIEUL-MIEUM-SIOS (RIEUL-MIEUM-SIEUS)
<S11D3> % HANGUL JONGSEONG RIEUL-PIEUP-SIOS (RIEUL-PIEUP-SIEUS)
<S11D4> % HANGUL JONGSEONG RIEUL-PIEUP-HIEUH
<S11D6> % HANGUL JONGSEONG RIEUL-SSANGSIOS (RIEUL-TU SIEUS)
<S11DE> % HANGUL JONGSEONG MIEUM-SSANGSIOS (MIEUM-TU SIEUS)
<S11ED> % HANGUL JONGSEONG IEUNG-SSANGKIYEOK (IEUNG-TU KIEUK)

```

```
reorder-after <SFFFF>
```

```
    % This is the only place where we can put the order_start line.
```

```

order_start forward;forward;forward;forward

reorder-after <U1100> % After HANGUL CHOSEONG KIYEOK,

% Weight assignment for new Hangul Jamo characters:
% For the characters not already covered by the CTT of the first edition
% of 14651, add lines giving an appropriate weighting for them (the
% internal order of the lines below is (essentially) irrelevant).

%% Here, add one line each for each new accepted Hangul Jamo character,
%% (compare SC2/WG2 N2249R (SC22/WG20 N858)) while uncommenting the
%% corresponding line above.
%%
%% N.B.: Names and code points for the suggested new (but historic in origin)
%% characters may be adjusted before inclusion in the UCS, if they are accepted.

reorder-end

% End of DPR of Korea tailoring delta of the CTT from ISO/IEC 14651:2001.

```

## Recommendations

DPR of Korea should submit, with sufficient background material motivating the existence of the characters, a proposal to SC2/WG2 for the Hangul Jamo characters not already in 10646. (See also the suggested code position allocations in the side remark above.)

DPR of Korea should make a national standard for the ordering of Hangul Jamo (and thereby, by implication, the ordering also of Hangul compatibility Jamo, as well as Hangul syllables), according to the above tentative tailoring, not omitting any Hangul Jamo characters. In the meantime, implementers may use the tailoring given above.

The normative character names cannot be changed, but applications that can handle translated character names, can use the names given in parentheses above as a basis for an "English as used in DPR of Korea" translation.

## References

- |                                       |  |
|---------------------------------------|--|
| <i>ISO/IEC 10646-1:2000.</i>          |  |
| <i>Unicode 3.0.</i>                   | (In particular the compatibility decompositions in the UCD and (algorithmic) canonical decomposition of Hangul syllables.) |
| <i>ISO/IEC 14651:2001.</i>            |  |
| <i>Unicode Technical Standard 10.</i> | Unicode collation algorithm  |
| <i>ISO/IEC JTC1 N5999.</i>            |  |
| <i>ISO/IEC JTC1/SC2/WG2 N2243.</i>    |  |
| <i>ISO/IEC JTC1/SC2/WG2 N2246.</i>    |  |
| <i>ISO/IEC JTC1/SC2/WG2 N2249R.</i>   |  |
| <i>ISO/IEC JTC1/SC22/WG20 N858.</i>   | (Same as SC2/WG2 N2249R.)  |
| <i>ISO/IEC JTC1/SC22/WG20 N867.</i>   | ISO/IEC 14651 CTT tailoring delta for D P R of Korea.  |
| <i>ISO/IEC JTC1/SC22/WG20 N876.</i>   |  |