Subject: Request to change glyphs of 63 K-source Hanja chars in UCS
Author: KIM Kyongsok
Date: 2022-11-11
Relevant documents:
   IRG N2549_ROK_Response
   IRG N2570 IRG Meeting #59 Recommendations and Action Items

1. Background:

   - The relevant portion of Recommendation IRG M59.15 in IRG N2570 is shown below:

   Recommendation IRG M59.15: Component Glyph Change of 97 KSource Characters (IRG N2549 ROKResponse, IRG N2571)  

   Unanimous
   IRG accepts that the component change request from mouth-dagger (囗+匕) to mouth-seven (囗+七, U+20B9F) for 97 KR Hanja chars as given in IRGN2549ROKResponse. Consequently, the update for these 97 characters includes both glyph change and their corresponding IDSes. These characters are in WS 2021, WS 2017 (= CJK ExtH), and UCS (CJK main (URO), ExtA, ExtC, ExtF, and ExtG). New IDSes will be added. The following gives actions corresponding to different collections:

   Action Items:
   ...
   o UCS (63 chars): ROK to submit a document (IRGN2585) to WG2 directly to request for glyph change by 10 Dec., 2022.
   ...

2. Request to change glyphs of 63 K-source Hanja chars in UCS

   - KR requests that the glyphs of 63 K-source Hanja chars in CJK ExtH containing ‘呌’ as a component be changed. Specifically, the component ‘囗+匕’ (U+53E3, U+5315; mouth-dagger) need be changed to ‘囗+七’ (U+53E3, U+4E03; mouth-seven).
- One example is shown below:

(Current glyph) ==> (NEW glyph)

- The list of 63 chars are shown in Appendix 1.
- The new glyphs of 63 chars are shown in Appendix 2.

Note. (FYI) The new IDSes are shown in Appendix 3.

- A font containing these 63 NEW glyphs will be provided to project editor when this document is approved by WG2.

* * *
Appendix 1. The list of 63 chars whose glyphs need be changed

1) 16 Hanja chars in CJK ExtG

- 301D4 (⿱夫) U+301D4 (⿱夫)
- 301D9 (⿱丹) U+301D9 (⿱丹)
- 301E4 (⿱石) U+301E4 (⿱石)
- 301E8 (⿱只) U+301E8 (⿱只)
- 301FF (⿱豆) U+301FF (⿱豆)
- 30200 (⿱走) U+30200 (⿱走)
- 30205 (⿱回) U+30205 (⿱回)
- 3020C (⿱沙) U+3020C (⿱沙)
- 30211 (⿱其) U+30211 (⿱其)
- 30215 (⿱所) U+30215 (⿱所)
- 30216 (⿱非) U+30216 (⿱非)
- 30217 (⿱知) U+30217 (⿱知)
- 30220 (⿱恠) U+30220 (⿱恠)
- 30234 (⿱魔) U+30234 (⿱魔)
- 30235 (⿱魔) U+30235 (⿱魔)
- 30237 (⿱都) U+30237 (⿱都)
2) 13 Hanja chars in CJK main (aka URO)

<table>
<thead>
<tr>
<th>Code</th>
<th>Hanja</th>
<th>Unicode</th>
<th>Meaning</th>
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<tbody>
<tr>
<td>517A</td>
<td>盂</td>
<td>U+517A</td>
<td>盂 分叱</td>
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<tr>
<td>5391</td>
<td>戵</td>
<td>U+5391</td>
<td>戵 厂叱</td>
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<td>54DB</td>
<td>戩</td>
<td>U+54DB</td>
<td>戩 口分</td>
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<td>551C</td>
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<td>U+551C</td>
<td>戽 末叱</td>
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<td>551F</td>
<td>戾</td>
<td>U+551F</td>
<td>戾 去叱</td>
</tr>
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<td>55B8</td>
<td>堛</td>
<td>U+55B8</td>
<td>堛 甫叱</td>
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<tr>
<td>55ED</td>
<td>堲</td>
<td>U+55ED</td>
<td>堲 直叱</td>
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<tr>
<td>591E</td>
<td>畿</td>
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<td>畿 外叱</td>
</tr>
<tr>
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<td>紵</td>
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<td>甶 斤叱</td>
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<td>电</td>
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3) 20 Hanja chars in CJK ExtA

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<td>甴 介叱</td>
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<td>甴</td>
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<td>笨</td>
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4) 3 Hanja chars in CJK ExtC

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<tr>
<td>2B173</td>
<td>老</td>
<td>U+2B173</td>
<td>老叱</td>
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<tr>
<td>2B490</td>
<td>金</td>
<td>U+2B490</td>
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5) 11 Hanja chars in CJK ExtF

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<td>2D1CD</td>
<td>九</td>
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<td>九叱</td>
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<td>山叱</td>
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Appendix 2. The new glyphs of 63 chars whose glyphs need be changed

- CJK main (aka URO) (13 chars)

- ExtA (20 chars)

- ExtC (3 chars)
- ExtF (11 chars)

- ExtG (16 chars)

* * *
Appendix 3. (FYI) The new IDSES of 63 chars whose glyphs need be changed

FILE=k2622_51_IDS_added_mACFG_63ch.txt
ASADAL: ~/2hj/dagger2seven/
CJKm --------------------------
U+0517A K2-2426 分叱; 分叱
U+05391 K2-2576 厂叱; 厂叱
U+054DB K2-2729 叭分; 叭分
U+0551C K0-5845 末叱; 末叱
U+0551F K2-2747 去叱; 去叱
U+055B8 K2-2827 甫叱; 甫叱
U+055ED K2-2842 直叱; 直叱
U+0551C K0-5845 末叱; 末叱
U+0551F K2-2747 去叱; 去叱
U+055B8 K2-2827 甫叱; 甫叱
U+055ED K2-2842 直叱; 直叱
U+0551C K0-5845 末叱; 末叱
U+0551F K2-2747 去叱; 去叱
U+055B8 K2-2827 甫叱; 甫叱
U+055ED K2-2842 直叱; 直叱

ExtA --------------------------
U+0357E K3-2247 小叱; 小叱
U+0358B K3-224A 介叱; 介叱
U+0358D K3-224D 斗叱; 斗叱
U+0358E K3-224E 叱介; 叱介
U+03599 K3-2250 加叱; 加叱
U+0359A K3-2251 付叱; 付叱
U+0359B K3-2252 古叱; 古叱
U+0359C K3-2253 口叱; 口叱
U+0359D K3-2254 未叱; 未叱
U+035AF K3-225A 同叱; 同叱
U+035B0 K3-225B 叱同; 叱同
U+035B2 K3-225D 如叱; 如叱
U+035B3 K3-225E 汝叱; 汝叱
U+035DF K3-2265 汝叱; 汝叱
U+035E0 K3-2266 始叱; 始叱
U+035E1 K3-226C 叱仍; 叱仍
U+035EF K3-226D 叱仍; 叱仍
U+0360F K3-2276 道叱; 道叱
U+03612 K3-2278 種叱; 種叱

ExtC --------------------------
U+2A741 K5-005E 仍叱; 仍叱
U+2B173 K5-00A5 老叱; 老叱
U+2B490 K5-000F 金叱; 金叱
# ExtF --------------------------
U+2D1CC  KC-04881  刀叱；刀叱
U+2D1CD  KC-06069  九叱；九叱
U+2D1DD  KC-06070  山叱；山叱
U+2D1E4  KC-04887  牛叱；牛叱
U+2D1F7  KC-04891  可叱；可叱
U+2D203  KC-04888  处叱；处叱
U+2D256  KC-06070  尾叱；尾叱
U+2D266  KC-04898  具叱；具叱
U+2D2A2  KC-04902  馬叱；馬叱
U+2D2AC  KC-06101  艙叱；晋升
U+2D2DA  KC-04903  訥叱；訥叱

# ExtG --------------------------
U+301D4  KC-00411  夫叱；夫叱
U+301D9  KC-00411  丹叱；丹叱
U+301E4  KC-00434  石叱；石叱
U+301E8  KC-00436  只叱；只叱
U+301FF  KC-00472  豆叱；豆叱
U+30200  KC-00476  走叱；走叱
U+30205  KC-00458  亜叱；亜叱
U+3020C  KC-00474  沙叱；沙叱
U+30211  KC-00486  其叱；其叱
U+30215  KC-00480  所叱；所叱
U+30216  KC-00490  非叱；非叱
U+30217  KC-00493  知叱；知叱
U+30220  KC-00502  恩叱；恩叱
U+30234  KC-00523  廋叱；奨叱
U+30235  KC-00547  富叱；富叱
U+30237  KC-00546  都叱；都叱

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