

**ISO/IEC JTC1/SC2/WG2/IRG N2300\_Resp\_to\_Eiso**  
**ISO/IEC JTC1/SC2/WG2 N5067**  
**Doc. #: Korea JTC1/SC2 k2396\_31**

Korea JTC1/SC2, Committee on Coded Character Sets
---

Authors: KIM Kyongsok; PYO Seungju; SHIN Sanghyun; CHO Sungduk; HEO Chul;

Date: 2019.06.07.

Subject: Request to change 4 glyphs in Horizontal Extension of KS X 1027-5 (K6)

### **1. Relevant Documents and Background**

- WG2 N4968\_1c (= IRG N2300\_1c = Korea K2396\_1gc)

A proposal requesting a horizontal extension of 152 Hanja chars, 2018.06.01.

- IRG N2300\_EisoFeedback, 2018.06.05.

Mr. Eiso suggested that glyphs of five Hanja chars be changed to follow the ROK conventions.

### **2. Korea NB investigated this issue and concluded as explained below.**

- Rep. of Korea decided to change glyphs of 4 characters; however, the glyph of one char remains unchanged.

**2.1 KR will change the glyphs of four characters:**

**U+22427:K6-1010, U+7FD3:K6-104B, U+29736:K6-107A, U+2A6B0:K6-1093**

- Mr. Eiso suggested KRto modify the following four glyphs.

**2.1. U+22427:K6-1010**

The current K6-1010 glyph for U+22427 doesn't follow the ROK conventions and hasn't matched the evidence.

017	K6-1010		U22427	22427 号 57.13	驚 驚 驚
					UCS2003 G0X-0361.07 T4-5030

*K0-4C57 glyph for U+656C in the code charts*

656C  
支 66.9

敬 敬 敬 敬  敬

G0-3E34 HB1-B771 T1-6439 J0-3749 K0-4C57 V1-582B

*The evidence for K6-1010*

1010 

**2.2. U+7FD3:K6-104B**

The current K6-104B glyph for U+7FD3 doesn't follow the ROK conventions but has matched the evidence.

076	K6-104B		U7FD3	7FD3 羽 124.6	翮 翮
					G5-6B2D T3-3E37

*K0-6962 glyph for U+U+7FBD and K2-542C glyph for U+7FC3 in the code charts*

7FBD  
羽 124.0

羽 羽 羽 羽  羽


G0-5370 HB1-A6D0 T1-4851 J0-3129 K0-6962 V1-634C

7FC3  
羽 124.4

翮 翮 翮 翮 

G3-6B64 HB2-D363 T2-3227 J14-747A K2-542C

*The evidence for K6-104B*

104B 

#### 2.4. U+29736:K6-107A

The current K6-104B glyph for U+7FD3 doesn't follow the ROK conventions.

123	K6-107A		U29736	29736 食 184.9			
					UCS2003	GKK-1423.03	T6-8036

*K0-6A64 glyph for U+516A, K0-775E glyph for U+5078 and K0-6A6F glyph for U+6108 in the code charts*

516A 人 11.7					
	GE-2263	H-FA71	T3-2B37	J0-5141	K0-6A64

5078 人 9.9				
	GE-2229	T3-344C	J0-5079	K0-775E

6108 心 61.9						
	G0-537A	HB1-B755	T1-637B	J0-4C7C	K0-6A6F	V1-5562

#### 2.5. U+2A6B0:K6-1093

The current K6-104B glyph for U+7FD3 doesn't follow the ROK conventions.

148	K6-1093		U2A6B0	2A6B0 龜 213.4			
					UCS2003	GKK-1538.09	T4-862C

*K0-4F4F glyph for U+9F9C and K1-7045 glyph for U+9F9D in the code charts*

9F9C 龜 213.0						
	G1-396A	HB1-C074	T1-733F	J0-737D	K0-4F4F	V2-9171

9F9D 龜 213.5				
	G5-5B33	T3-5E47	J0-6354	K1-7045

- KR investigated this issue and found that glyphs of these four characters did not follow the ROK convention; therefore, KR decided to change glyphs as suggested by Mr. Eiso. The 4 modified glyphs are shown below:

驚 詡 餽 龜

## 2.2 KR decided not to change the glyph of one character: U+28ACF:K6-106C

- Mr. Eiso suggested KR to modify the following one glyph.

### 2.3. U+28ACF:K6-106C

The current K6-1010 glyph for U+22427 doesn't follow the ROK conventions possibly and hasn't also matched the evidence.

109	K6-106C		U28ACF	28ACF 全 187.11			
					UCS2003	GBK-1318.11	T4-8188

*K0-6163 glyph for U+7387 in the code charts*

7387 玄 95.6					
	G0-424A	HB1-B276	T1-5B7B	J0-4E28	K0-6163


*The evidence for K6-106C*

106C 

However, the glyph of the component 率 in the K1 and K2 glyphs are different from the K0 glyphs, but are similar to K6-106C. ROK should confirm the ROK conventions.

- KR investigated this issue and found that there are five K characters in UCS containing 率: the glyph of 率 in U+7387 is different from the glyphs of 率 in the remaining four characters.

6454 手 64.11				
	G0-4B24	T1-6873	J1-405E	K2-365C
7E42 糸 120.11				
	G3-6D40	T2-5E3F		K2-532F
819F 肉 130.11				
	G3-4D6A	T2-5328		K2-5579
87C0 虫 142.11				
	G0-7330	T1-7537	J0-6A2B	K1-8522
7387 玄 95.6				
	G0-424A	T1-5B7B	J0-4E28	K0-6163

- KR decided not to change the glyph of K6-106C: .

### 3. KR will take follow-up actions

- 1) KR will send a TTF file and a BMP file containing modified glyphs of these four characters.
- 2) KR will update KS X 1026-5:2014 by modifying the glyph of these four characters in the future.
- 3) KR will discuss whether to modify the glyph of K0-6163 in KS X 1001 in the future:



- Rep. of Korea really appreciates Mr. Eiso's efforts to check and make good suggestions.

### 4. Note

- The attached TTF file (k2396\_33i\_K6\_v21\_20190607\_152\_chars.ttf) reflects change of 5 glyphs: four glyphs described above and one more glyph of K6-1022 (shown below) documented in WG2 N5016 (= IRG N2349 = K2396\_21).



\*\*\*