ISO/IEC JTC1/SC2/WG2/IRG

Ideographic Rapporteur Group (IRG)

Source/Contribution Identifier: Hong Kong Special Administrative Region (SAR), China

Meeting: 32nd IRG Meeting in Hong Kong SAR, China

Title: Update Glyphs in the BMP Column

Status: Proposal for discussion

Requested Action: Member bodies are invited to consider the need to update the BMP column promptly if the submitting member body requests glyph modification and there is only one single source

Background:

There are often cases where member bodies need to change the glyph of the characters they have submitted by listing their requests in separate documents. However, such requests are often not reflected immediately in the BMP column. During subsequent review cycles, other member bodies reviewing the set of characters, prepared by the Technical Editor with updated fonts in individual source columns, may overlook requests for glyph changes filed some time ago. The reviewers may raise queries on glyph quality and associated attributes such as stroke count, first stroke and Kangxi index, which may have been addressed long before.

Example:

In October 2007, Japan requested modifying some glyphs of characters they had submitted.   Two examples are given below:

Attachment: List of modified JK- glyphs   2007/8/31

d_v20	CJK D v2.0 UCS	j_source	New Glyph (TrueType)	Old Glyph (Bitmap)	Notes (request to change #Strokes and KXI)	
10095	088BE	JK-66081	鶋	鶋		
10459	08A2A	JK-66112	齾	齾		

However, the requested glyph changes are not reflected in the BMP column of CJK D_V5.1 M Set released in April 2009.   Details are as follows:

BMP D V20	Kxi Rad Stroke Fs	G Hz G Source	M Hz M Source	T Hz T Source	J Hz J Source	K Hz K Source	Kp Hz Kp Source	ML Hz ML Source	U Hz U Source	V Hz V Source
鶋 10095	1491.241 鳥 7|1				鶋 JK-66081					
齾 10459	1536.201 齒 13|2				齾 JK-66112					

When member bodies review the most up-to-date version of CJK D in 2009, they may not note the glyph changes requested by Japan back in 2007.   Member bodies will spot the difference between the glyph in the BMP column and the one in J-column, comment on the attributes of the characters and even suggest moving the characters in question to D Set for further discussion and clarification at an IRG meeting.   Delay, confusion and unnecessary editing will result.

Recommendation:

To improve the review process, it would be helpful if the BMP column can be updated promptly so that repeated and unnecessary comments can be avoided.