

Title: Defect Report on Kangxi Radical Forms

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Action: For consideration by WG2 and IRG

Stroke counts indicate that 4 of the 214 Kangxi Radical forms appearing in 10646:2003(E) are incorrect. The 4 items listed in Table 1 should be revised as follows.

Table 1: Defective and revised Kangxi Radical forms

Item	Defective		Revised		USV
	Forms	Strokes	Forms	Strokes	
(1)	𠂇	2	𠂇	3	U+2F35
(2)	瓦	4	瓦	5	U+2F61
(3)	𠂇	4	𠂇	5	U+2F71
(4)	鼎	12	鼎	13	U+2FCD

Note that the stroke counts for the revised forms follow the traditional Kangxi Radical stroke counts, as evident *e.g.* in Unicode 4.0's "Han Radical-Stroke Index" (p. 1190-2). The defective forms result from mistaken equations with non-Radical encoded forms with different stroke counts (*cf.* Table 2). Note also that the 10646 form of Kangxi Radical 鬼 (U+2fc1) *correctly* has 10 total strokes: the 9-stroke form of 鬼 (U+9b3c) is correctly not that of the UCS's 鬼 (U+2fc1). The same is true for 骨 (U+9aa8) [9 strokes] and 骨 (U+2fbb) [10 strokes].

Table 2: Mappings to non-Radical forms with different stroke counts

(1)	𠂇	U+5ef4	2	≠	𠂇	U+2f35	3
(2)	瓦	U+74e6	4	≠	瓦	U+2f61	5
(3)	𠂇	U+79b8	4	≠	𠂇	U+2f71	5
(4)	鼎	U+9f0e	12	≠	鼎	U+2fcd	13
(5)	骨	U+9aa8	9	≠	骨	U+2fbb	10
(6)	鬼	U+9b3c	9	≠	鬼	U+2fc1	10