

**Title: Defect Report on Duplicate Encoded CJK Forms****L2/03-333**

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Status: Expert Contribution

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Action: For consideration by WG2 and IRG

(A.) The 10646-2 (SIP) forms below (Table 1) are duplicates of 10646-1 (BMP) forms.

**Table 1: Duplicate Encoded CJK Forms**

<i>Item</i>	<i>Forms</i>	<i>BMP</i>	<i>SIP</i>
(1)	僂	U+34a8	U+20457
(2)	夔	U+8641	U+27144

The duplication in these cases resulted from SIP disunifications of BMP unifications.

- For *Item (1)*: Note the 2 forms unified in 10646-1 at [U+34a8]. The 10646-1 [U+34a8] G-Source form also appears in 10646-2 at [U+20457]. Instead, it is the 10646-1 T-Source form which should appear in 10646-2 at [U+20457].
- For *Item (2)*: Note the 4 forms unified in 10646-1 at [U+8641]. The 10646-1 [U+8641] G-Source (= K-Source) form also appears in 10646-2 at [U+27144]. Instead, it is the 10646-1 T-Source (= J-Source) form which should appear in 10646-2 at [U+27144].

The 10646 forms and *Hanyu Da Zidian* (HDZ) mappings should be revised as follows (Table 2):

**Table 2: Revised SIP Forms and Revised HDZ Mappings**

<i>Item</i>	<i>Forms</i>	<i>USV</i>	<i>HDZ</i>	<i>Revision</i>
(1A)	僂	U+34a8	10239.060	
(1B)	僂	U+20457	10239.050	← <i>revised form</i>
(2A)	夔	U+8641	53338.110	
(2B)	夔	U+27144	53336.031	← <i>revised form</i>

(B.) The manner of resolving the duplication in the following pairs (Table 3) is less apparent.

**Table 3: Duplicate Encoded CJK Forms**

<i>Item</i>	<i>Forms</i>	<i>BMP</i>	<i>SIP</i>	
(3)	𦉑	--	U+249bc	U+249e9
(4)	𦉑	--	U+204f2	U+23515
(5)	焯	U+3db7	U+2420e	--

For Items (3) and (4), it is suggested that the forms be revised as follows (Table 4):

**Table 4: Revised SIP Forms**

<i>Item</i>	<i>Forms</i>	<i>USV</i>	<i>HDZ</i>	<i>Revision</i>
(3A)	𦉑	U+249bc	--	⇐ <i>revised form</i>
(3B)	𦉑	U+249e9	21130.040	
(4A)	𦉑	U+204f2	10199.020	
(4B)	𦉑	U+23515	21235.060	⇐ <i>revised form</i>

For Item (5), the identical forms 焯 [U+3db7]/[U+2420e] map as follows:

焯	[U+3DB7]	kIRGKangXi	0671.081
	[U+3DB7]	kIRG_KSource	3-2A24
	[U+3DB7]	kRSUnicode	86.6
	[U+3DB7]	kTotalStrokes	10
焯	[U+2420E]	kIRGKangXi	0671.081
	[U+2420E]	kIRG_TSource	F-3070
	[U+2420E]	kRSKangXi	86.6

This pair of duplicates can perhaps not be formally resolved.