

Universal Multiple-Octet Coded Character Set
UCS

ISO/IEC JTC1/SC2/IRGN2472

Date: 2021-3-12

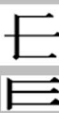






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Title:	Considerations of IRGN2225 and decomposition Strategies for IDS
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TCA is currently reviewing the CNS11643 Website (全字庫) for IDS, based on the IDS Code rule provided by IRGN2225, but we find that the specification is not very clear at this stage, so TCA suggests that the IRG experts can focus on the IDS rule for discussion.

According to the results of the review, three phenomena were found, and if there is no consistent principle, TCA are afraid there will be difficulties for the next submission of new sets.

1. The confusion of CJK Supplementary Component representation

Such as “IDS code vs U code”, is it not necessary to use IDS code to represent the glyphs that already have U code? Should the IDS code be removed? be given to its use?

	FS Code	IDS code	Description	Glyph	Example	IDS.TX T NO.	U code
1	H	H3-01	CJK RADICAL PAW FOUR2		Example: bottom of 虐 / 疢, bottom of 虐 / 台 = CDP-8DC1 / UTC-00969 (variant glyph = USAT-105803; may be confusable with P3-01 below)	{60}	30002 - 1.2 E UTC-00969 30004 - 1.2 E SAT-05803
2	H	H3-02	CJK COMPONENT C-SIMPLIFIED TRIPLE EARTH		Example: 尧 = CDP-89D9		2D80D 手 64.0 支 JMJ-059643
3	H	H3-05					TCA WS2017 30001 - 1.2 丰 UK-01671
4	Z	Z4-02	CJK COMPONENT RAN		Example: left of 那 = CDP-89FA		2D0C2 刀 18.2 刃 GZ-0602101
5	S	S5-01	CJK COMPONENT C-SIMPLIFIED OVERSIGHT		Example: top of 監 / 覽 = CDPO-81F0 / UTC-02965	{44}	30022 2.4 𠄎 UK-02965
6	S	S4-01	CJK COMPONENT C-SIMPLIFIED LEAD		Example: top of 堅 / 豎 / 緊 / 腎 / 賢 = CDPO-81EF / UTC-02964	{43}	30021 2.3 収 UK-02964
7	P	P2-03					TCA WS2017 3002A J 4.1 𠄎 SAT-06322

2. Inconsistent disassembly methods

As shown in the table below.

Unicode	Glyph	IDS-1	IDS-2
U+35EF	𪗇	𠄎者叱	^𠄎者𠄎口匕\$(K)
U+3675	壇	𠄎土臺(U+365C)	^𠄎土臺(U+213B2)\$(GT)
U+36AC	姁	𠄎女勻	^𠄎女勻\$(GHT)
U+38F4	𨾏	𠄎彳黃	^𠄎彳黃\$(K)
U+5E42	冪	𠄎冥巾	^𠄎一冥巾\$(GHKT)
U+6811	𣎵	𠄎杈寸	^𠄎木对\$(GT)
U+7638	癩	𠄎疒疒	^𠄎痂肉\$(GHJKT)
U+20AEF	𠄎	𠄎𠄎人	^𠄎𠄎^\$(G)
U+20B1E	𠄎	𠄎𠄎又	^𠄎𠄎又\$(GT)
U+237BF	𣎵	𠄎榘糸	^𠄎木𠄎糸\$(T)
U+2393F	𩺰	𠄎魚𠄎	^𠄎鰓欠\$(GT)
U+272F2	𧈧	𠄎一𧈧	^𠄎一北虫\$(G)

3. How to maintain the database?

If, according to IRGN2225, each submitter can add an IDS code of his own, how will all the data be maintained? How to publish the IDS code after adding it? How to make sure the IDS code is the later version?

In view of this, TCA recommend that IRG could set up an IDS group and those who are interested in this topic could join and discuss it together. Because of the inconsistency of each expert's idea and the difference of ideographs of each member body, there will be differences in the disassembly process.

(End of document)