

ISO/IEC JTC 1/SC2/WG2/IRG

Ideographic Rapporteur Group

Secretariat: China

Source/Contribution Identifier: **TCA/ASCC0002**

Meeting: @/for **Singapore** Error! Reference source not found.**99**

Issue Number:

Project/Task identifier:

TITLE: **Repertoire of CJK Compatibility Ideographs**

Status: Member body's contribution

Keywords:

Short Description:

Proposed Conclusion/Requested Action:

To be discussed in IRG#14 meeting and to be considered by WG2 to include these characters into ISO/IEC 10646 Part 2 Plane 2.

Argument/Text of Contribution:

Contact: Mr. Zhang Zhoucai, CCID Senior Engineer, IRG Rapporteur
Address: No. 14. 3/F, ZhiXinCun XiaoQu, Beijing 100083, China
Tel: (8610)6234.0198, 6234.5536 Fax:(8610)6231.2924
E-mail: joezhg@public.bta.net.cn
Web Site:<http://www.cs.cuhk.edu.hk/~irg>

Repertoire of CJK Compatibility Ideographs

1. Problem restatement

Since the source code separation rule is excluded from the unification rules used in CJK Unified Ideographs Extension B as in Extension A, the integrity of code conversion between the national character sets and ISO 10646 cannot be preserved for those characters that are unified. This fact may increase the difficulties and reduce the willingness in adopting ISO 10646 standard.

For example, in Taiwan, CNS 11643 standard has been adopted by government for the usage of information interchange. Official residential systems, including personal ID card issuing system, had been implemented under EUC schema with CNS character sets. Under such circumstance, the unified CNS characters may cause large difficulties for government users to adopting ISO 10646 in the future. The similar situation may happen when doing the digitalization work to Chinese literature. We believe that the situation is the same for those countries who has characters been unified with ISO 10646.

To address the importance and solve the problem, we raised the compatibility support issue in last IRG meeting. Furthermore, we would like to make a more clear suggestion and submit our repertoire of those unified characters in CNS.

2. Encoding plane and code range

We strongly suggest WG2 to allocate the code position from F800 to FFFF in ISO 10646 Part 2 Plane 2 as **“CJK Compatibility Ideographs Extension A”** for including these unified characters.

3. Encoding order

The encoding order of compatibility repertoire is based on Kangxi Dictionary ordering, as used by CJK unified ideographs extension B.

4. Repertoire

TCA has finished the reviewing and rechecking of CNS characters set. Totally 604 characters has been submitted as our repertoire for “CJK Compatibility ideographs Extension A”(see attachment).