

Universal Multiple-Octet Coded Character Set  
UCS

ISO/IEC JTC1/SC2/WG2 **N2298**

ISO/IEC JTC1/SC2/WG2/IRG **N 758**

Date: 2000-11-21

Source: IRG - Ideographic Rapporteur Group  
Title: **CJK Unified Ideographs Extension B**  
**PreDIS-R1 For ISO/IEC DIS 10646-2:2000**  
Action: Review By IRG Editors  
Status : 1<sup>st</sup> Revised PreDIS Chart  
Distribution: IRG Editors

1. The PreDIS-R1 version of the CJK Unified Ideographs Extension B contains **42,711** Ideographs.

2. The sources of the PreDIS R1 for CJK Unified Ideographs Extension B are as follows:

- (1) **18,486** Ideographs in Kangxi Dictionary 《康熙字典》, including the one in the Addendum of the Dictionary (《康熙字典》補遺), that have not been not encoded in UCS/ BMP;
- (2) **28,914** Ideographs in Han Yu Da Zi Dian 《漢語大字典》 that have not been not encoded in UCS/ BMP;
- (3) Unique Hanzi from
  - ① Ci Yuan 《辭源》, **66** Ideographs;
  - ② Ci Hai 《辭海》, **247** Ideographs;
  - ③ Hanyu Da Cidian 《漢語大詞典》, **553** Ideographs;
  - ④ Chinese Encyclopedia 《中國大百科全書》, **86** Ideographs;
  - ⑤ Founder Press System 方正排版系統, **65** Ideographs;
  - ⑥ Siku Quanshu 《四庫全書》; **522** Ideographs.
- (4) Ideographs from Hong Kong, Korea, TCA and Vietnam are denoted as H, J, K, KP, T and V in mapping table.

H-source of Extension B: **1,081** Hanzi from

Hong Kong Supplementary Character Set

J-source from JIS x 0213: **302** Kanji, marked with J3 or J4.

K-source of Extension B: **166** Hanja from PKS 5700-3: 1998

KP-source of Extension B: **5642** Hanja from DPR Korea Standards, KPS 9566-97 Hanja and KPS 10721-2000 Hanja They are marked as KP0-nnnn or KP1-nnnn

T-source of Extension B: 30,177Hanzi from  
TCA-CNS 11643-1992/ 4th plane  
TCA-CNS 11643-1992/ 5th plane  
TCA-CNS 11643-1992/ 6th plane  
TCA-CNS 11643-1992/ 7th plane  
TCA-CNS 11643-1992/ 15th plane

V-source of Extension B: 4,232 ChuNom from  
TCVN 5773:1993  
VHN 01:1998  
VHN 02:1998

3. The ordering of the repertoire is based on Kangxi Dictionary.
4. The proposed UCS code is ranged from 0000 to A6D6 in Plane 2.
5. By WG2 request, the printing format of the Working Draft shows single glyphs only, which take traditional design close to Kangxi Dictionary's style.

**Note 1:** Compared with the previous version (PreDIS), the PreDIS R1 made two changes:

- (1) The quality of all font images has been improved by replacing 96x96 bitmaps with 128x128 images generated from the TTF fonts made by Beijing ZhongYi Electronics Ltd., HuNan Hua Tian Information Ltd. and Beijing Founder Group.
- (2) The mapping table from DPR Korea has been added into the whole mapping table which will be the part of the standard.

The other content has no change in repertoire, ordering, encoding, unification / separation, or abstract glyphs.

**Note 2:** This version of Extension B is extracted from SuperCJK 11.1, which is a super set of CJK Unified Ideographs, CJK Unified Ideographs Extension A, and CJK Unified Ideographs Extension B. For better checking, it is recommended to refer to the SuperCJK version 11.1, IRG N759, dated on 2000.11.21. For your convenience in cross checking, IRG N760 is available which shows both 96x96 old bitmaps and 128x128 new images.

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