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: 1st 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《辞海》，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 方正排版系统, 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: 30,177 Hanzi 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.

Contact:  Zhang Zhoucai, CCID Senior Engineer, IRG Rapporteur
C/o:  Wang Xiaoming, IRG Technical Editor
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