

Universal Multiple-Octet Coded Character Set UCS
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ISO/IEC JTC1/SC2/WG2/IRG N1529

Date: 2008-11-13

Source:	CJK editorial group
Title:	CJK_D editorial report of IRG#31, Kunming
Status :	
Actions required	To be approved by IRG plenary
Distribution:	IRG#31
Medium :	Electronic
Appendix:	4

Editors from China, Japan, R.O.Korea, Vietnam, TCA, Hong Kong SAR, US/Unicode Consortium, Malaysia, Mr. John Knightley (individual) and Mr. Adrian Cheuk (individual) met at IRG#31. The editors discussed issues of CJK Unified Ideographs Extension D and format of CJK\_A of next edition of ISO/IEC 10646.

References:

- China: IRGN1519 (evidences), IRGN1528r (further evidences for G-source characters provided by Mr. John Knightly), IRGN1531 (a list of withdrawn characters)
- HKSAR: IRGN1515 (further explanation)
- Japan: IRGN1501 (further explanation), IRGN1277 (evidences)
- ROK: IRGN1523 (comments on CJK\_Dv40), IRGN1533 (evidences, partially ready)
- Vietnam: IRGN1526 (comments on CJK\_Dv40), IRGN1231 (evidences)
- Unicode Consortium: IRGN1534, IRGN1535 (evidences)
- Malaysia: IRGN1485 (evidences)
- Chen Zhuang: IRGN1481(CJK\_D v40 directions)
- Wang Xiaoming: IRGN1482(CJK\_D v40)
- WG2: IRGN1422 (WG2N3408 Representation of CJK Unified Ideographs in multi-column)

1. Discussion on CJK\_D evidences:

- The editors reviewed some available “evidences” and required to refine some of them.
- The editors agreed that “evidences” of CJK\_D must be provided (or refined if needed) by 2008-12-31. Characters without

“evidences” shall be removed.

- The editors agreed that China would update IRGN1531 (a list of withdrawn characters) because IRGN1528r (further evidences for G-source characters provided by Mr. John Knightly) was accepted in principle.

2. Discussion of comments on CJK\_Dv40:

- Japan: IRGN1501 (further explanation): accepted, CJK\_D next version will be affected.
- HKSAR: IRGN1515 (further explanation): covered by Annex S. group, not discussed in this group.
- Vietnam: IRGN1526 (comments on CJK\_Dv40): accepted in principle, IRG Chief Editor will re-check if the attributes changed, CJK\_D next version will be affected.
- ROK: IRGN1523 (comments on CJK\_Dv40): accepted with attributes checking and fonts updating.

3. Review of remaining documents since IRG#30:

- Macao: IRGN1447 (comments): generally covered by CJK\_Dv40 and directions, need re-check.
- HKSAR: IRGN1441 (comments): generally covered by CJK\_Dv40 and directions, need re-check.
- ROK: IRGN1428 (comments): generally covered by CJK\_Dv40 and directions, need re-check.
- Japan: IRGN1446 (comments): partially covered by CJK\_Dv40.

The IRG Chief Editor was required to re-check the above 4 documents to assure those comments were already reflected in CJK\_Dv40 or in the new version.

4. Schedule of next version of CJK\_D:

Round 1:

- 2008-12-19: The IRG Chief Editor distributes CJK\_Dv50 directions (draft) to the members' chief editors.
- 2008-12-31: The IRG members' chief editors send feedback to the IRG Chief Editor.
- 2008-12-31: The IRG members' chief editors submit “evidences” (or refined if needed).
- 2009-01-09: The IRG Chief Editor distributes CJK\_Dv50 directions to the IRG Technical Editor and the members' chief editors.
- 2009-01-16: The IRG Technical Editor distributes CJK\_Dv50 (M set and D set) to the members' chief editors.

Round 2:

- 2009-03-13: The IRG members' chief editors send comments on CJK\_Dv50 M set and D set to the IRG Chief Editor.
  - 2009-03-13: The IRG members' chief editors send explanations on unification/dis-unification characters in D set with "evidences" to the IRG Technical Editor, with the following format:
    - Serial number and explanations in 2 columns in excel file.
    - Bitmap "evidences" with serial numbers.
  - 2009-03-20: The IRG Technical Editor distributes a list of unification/dis-unification characters with explanation characters and "evidences" to the members' chief editors.
  - 2009-03-27: The IRG Chief Editor distributes the CJK\_Dv51 directions (draft) to the members' chief editors.
  - 2009-04-03: The IRG members' chief editors send feedback to the IRG Chief Editor.
  - 2009-04-10: The IRG Chief Editor distributes the CJK\_Dv51 directions to the IRG Technical Editor and the members' chief editors.
  - 2009-04-24: The IRG Technical Editor distributes the CJK\_Dv51 (M set and D set) to the members' chief editors.
- Round 3 (before IRG#32):
- 2009-05-29: The IRG members' chief editors submit explanations on D set and comments on M set of CJK\_Dv51.

5. Format of CJK\_A of next edition of ISO/IEC 10646:

Having compared the occupation rate of glyphs in page, between CJK and CJK\_A, the editors accepted the format suggested in page 6 of IRGN1422 (WG2N3408), i.e., 3 columns with 4 sub-columns per column per page.

Sub-columns occupied	Number of CJK	Occupation rate in CJK	Number of CJK_A	Occupation rate in CJK_A
6	4031	19.29%	7	0.11%
5	6729	32.19%	108	1.64%
4	4115	19.69%	1243	18.88%
3	2322	11.11%	2714	41.23%
2	1622	7.76%	1883	28.61%
1	2083	9.97%	627	9.53%
	20902		6582	

Attachment: CJK\_D discussion on 2008-11-12, recorded by Mr. Retarkgo Yan.

Ext D discussion at 14:00 12-11-2008

(IRGN1523\_comments-CJKExtDV40DSet)

08561 with the radical corrected and move to M-set

08560 with the radical corrected and move to M-set

08540 move back to M-set

09225 check the radical and move to M-set

08558 with the radical corrected and move to M-set

00157 changed the glyph and move to M-set

02567 correct the attribute and move to M-set

07562 update the TrueType font and move to M-set

04650 correct the attribute and move to M-set

00160 check the attribute and move to M-set

07562 same as above (move back to M-set)

07038 check to confirm font updated and move to M-set

IRGN1523 done.

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IRGN1428, 1441, 1446 and 1447 will be rechecked to reflect in next version of CJK D.