

Universal Multiple-Octet Coded Character Set UCS
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ISO/IEC JTC1/SC2/WG2 IRG N2483

Date: 2021-05-07

Source:	China
Meeting:	IRG#57
Title:	China's Submission of CJK_I Ideographs
Status:	Member's submission
Actions required:	To be considered by IRG
Distribution:	IRG
Author:	TAO Yang
Medium:	Electronic
Pages:	5
Appendixes:	8

China's submission for CJK Unified Ideographs Extension I / IRG Working Set 2021 includes 1223 characters. The ideographs were collected from the following sources.

Part One: 923 Chinese characters

- GDM-xxxxx: Place-name characters. Source from Center for Toponym Research of Sichuan International Studies University.
- GKJ-xxxxx: Science and technology characters. Source from the Chinese Character Repertoire and China National Committee for Terms in Sciences and Technologies.
- GXM-xxxxx: Person-name character. Source from Liu Huidan.

Part Two: 300 Zhuang characters

- GZ-xxxxxxx: Ancient Zhuang Character Dictionary 《古壮字字典》：1989年广西民族出版社，ISBN 7-5363-0614-8，source reference G\_Zxxxxxxx where the number part consists of page (3 digits) column (1 digit) entry (1 digit) character (2 digits).

Appendix 1: 923\_HanZi\_Glyphs

Appendix 2: 923\_HanZi\_Attributes

Appendix 3: 923\_HanZi\_Evidences

Appendix 4: 923\_HanZi\_Bitmaps

Appendix 5: 300\_Zhuang\_Glyphs

Appendix 6: 300\_Zhuang\_Attributes

Appendix 7: 300\_Zhuang\_Evidences  
Appendix 8: 300\_Zhuang\_Bitmaps

**ISO/IEC JTC 1/SC 2/WG 2/IRG**

**PROPOSAL SUMMARY FORM TO ACCOMPANY SUBMISSIONS  
FOR ADDITION OF CJK UNIFIED IDEOGRAPHS TO THE REPERTOIRE OF ISO/IEC 10646**

**Submitters are reminded to:**

1. Fill in all the sections below.

2. Read the Principles and Procedures Document (P & P) available at <https://appsrv.cse.cuhk.edu.hk/~irg/irg56/IRGN2424Confirmed.pdf>  
for guidelines and details before filling in this form.

3. Use the latest Form from  
<https://appsrv.cse.cuhk.edu.hk/~irg/irg56/IRGN2424SubmissionForm.xlsx>

See also <http://appsrv.cse.cuhk.edu.hk/~irg/irgwds.html> for the latest *Unifiable Component Variations*.

**A. Administrative**

1. IRG Project Code:	CJK Unified Ideographs Extension-I / IRG Working Set 2021
2. Title:	China's Submission of CJK_I Ideographs for 2021
3. Requester's region/country name:	China
4. Requester type (National Body/Individual contribution):	Member Body
5. Submission date:	2021-5-7
6. Requested Ideograph Type (Unified or Compatibility Ideograph)	Unified Ideographs
If Compatibility, does requester have the intention to register them as IVS (See U1 the IRG's approval? (Registration fee will not be charged if authorized by the IRG.)	
7. Request Type (Normal Request or Urgently Needed)	Normal Request
8. Choose one of the following:	
This is a complete proposal:	Yes
(or) More information will be provided later:	

**B. Technical – General**

1. Number of ideographs in the proposal:	1223
2. Glyph format of the proposed ideographs is in TrueType?	TTF
Are all the proposed glyphs put into BMP PUA area?	Yes
Are data for source references vs. character codes provided?	Yes
3. Source reference:	
Do all the proposed ideographs have a unique, proper source reference (member body consortium abbreviation followed by no more than 9 alphanumeric characters)?	Yes
4. Evidence:	
a. Do all the proposed ideographs have the separate evidence document which contains scanned image of printed materials (preferably dictionaries)?	Yes
b. Do all the printed materials used for evidence provide enough information to track party (ISBN numbers, etc.)?	Yes
5. Attribute Data Format: (Excel file or CSV text)	Excel

**C. Technical - Checklist**

<b>Understandings of the Unification Checklist</b>	
1. Has the submitter read ISO/IEC 10646 Annex S and does the submitter understand the unification principles?	Yes
2. Has the submitter read the “Unifiable Component Variations” (contact the IRG technical editor through the IRG Convenor for the latest version) and does the submitter understand the variation examples?	Yes
3. Has the submitter read the IRG PnP document and does the submitter understand the 5% rule?	Yes
<b>Character-Glyph Duplication</b> ( <a href="http://www.itscj.ipsj.or.jp/sc2/open/pow.htm">http://www.itscj.ipsj.or.jp/sc2/open/pow.htm</a> contains published ones and those under ballot)	
4. Has the submitter checked that the proposed ideographs are <b>not unifiable</b> with any of the compatibility ideographs of the latest version of ISO/IEC 10646?  If the checking has been done against an earlier version of ISO/IEC 10646, please specify the version. (e.g. 10646:2012)	Yes 10646: 2016 CD
5. Has the submitter checked that the proposed ideographs are <b>not unifiable</b> with any of the ideographs in the amendments, if any, of the latest version of ISO/IEC 10646?  If yes, which amendment(s) has the submitter checked?	Yes
6. Has the requester checked that any of the proposed ideographs is <b>not unifiable</b> with the current IRG working sets or proposed amendments of ISO/IEC 10646? (As of 2009, PDAM 8 have CJK ideographs.)  If yes, which draft amendments did requester check?	Yes
7. Has the submitter checked that the proposed ideographs are <b>not unifiable</b> with any of the ideographs in the current working M-set and D-set of the IRG? (Contact IRG chief editor and technical editor through the IRG Convenor for the newest list)  If yes, which document(s) has the submitter checked?	Yes Extension H
8. Has the submitter checked that the proposed ideographs are <b>not unifiable</b> with any of the ideographs or mis-unified ideographs in ISO/IEC 10646? (See Annex E of the IRG PnP document)	Yes
9. Has the submitter checked whether the proposed ideographs have any <b>similar ideographs</b> in the current standardized or working sets mentioned above?	Yes
10. Has the submitter checked whether the proposed ideographs have any <b>variant ideographs</b> in the current standardized or working sets mentioned above?	Yes
<b>Attribute Data Checklist</b>	
11. Do all the proposed ideographs have attribute data including the Kangxi radical code, stroke count and first stroke(primary)?	Yes
12. Do the proposed ideographs contain secondary radical code and their stroke count and first stroke also provided?	No
13. Do all the proposed ideographs have the document page number of evidence documents data?	Yes
14. Do all the proposed ideographs have the proper Ideographic Description Sequence (IDS) data?  If NO, how many proposed ideographs do not have the IDS?	Yes
15. If the answer to question 9 or 10 is yes, do the attribute data include any information on variant ideographs for the proposed ideographs?	No
16. Do all the proposed ideographs contain the total stroke count (kTotalStrokes)?	Yes

