

Universal Multiple-Octet Coded Character Set UCS

ISO/IEC JTC1/SC2/IRG N2685

Date: 2024-07-26

Doc. Type:	Member body contribution
Title:	TCA submission for IRG Working Set 2024
Source:	TCA
Status:	Member's submission
Action:	To be considered by IRG
No. of pages:	4

➤ Files

The TCA submission for IRG Working Set 2024 includes a total of 1,000 ideographs, and consists of the following files:

1) IRGN2685_TCA_2024_sub_1000.pdf

This document includes a brief introduction with a summary of sources and evidence.

2) IRGN2685_TCA_2024_sub_1000_attributes.xlsx

An Excel file that includes all of the required attributes for the 1,000 ideographs.

3) IRGN2685_TCA_2024_sub_evidence.zip

A ZIP file includes the evidence images in jpg format for the 1,000 characters.

4) IRGN2685_WS2024_TCA.ttf

A TrueType font containing glyphs for the 1,000 characters in this submission.

➤ Sources and Evidences

The 1,000 ideographs were collected from the following sources.

1) T9-XXXX 、TB-XXXX 、TC-XXXX 、TD-XXXX 、TE-XXXX:

-Person/Place name: These ideographs are from the usage requirements of government agencies, including: Department of Household Registration, M.O.I., Department of Commerce, MOEA, and Academia Historica, etc.

Evidences of ideograph usage include: A) Official character lists provided by the submitting agencies, with official seals affixed to indicate that the data is provided by the agency; B) Original code books or the applicant's handwriting; C) Other sources such as government historical documents.

2) T13-XXXX: The sources of character glyphs encompass the following 3 categories:

- **Minnan characters:** Primarily derived from 吳守禮's *Dictionary of Taiwanese Characters* (《國臺對照活用辭典》), with some evidences supplemented by 台語正字, and 吳昭新's 新編台灣閩南語用字彙編.
- **Daoist characters:** All are from the 道法會元(涵芬樓 edition). The selection process was conducted by Academician Fong-Mao Lee (李豐楙), a distinguished Daoist scholar and priest, along with his research team. The selection principles prioritized characters with verifiable sources, known meanings and uses, and clear pronunciations where possible.
- **Others:** The Ministry of Education's *Dictionary of Chinese Character Variants* (教育部《異體字字典》)

**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*.

Administrative

1. IRG Project Code:	e.g. IRG Collection 2024
2. Title:	TCA Submission for IRG Working Set 2024
3. Submitter's Region/Country Name:	TCA
4. Submitter Type (National Body/Individual Contribution):	Liaison member
5. Submission Date:	2024-07-26
6. Requested Ideograph Type (Unified or Compatibility Ideographs)	Unified Ideographs
If Compatibility, the submitter is strongly encouraged to instead register them as IVS in a new or an existing IVD collection(See UTS #37) with the IRG's approval (Registration fee will not be charged if authorized by the IRG.).	N/A
7. Proposal Type (Normal Proposal or Urgently Needed)	Normal Proposal
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:	1,000
2. Glyph format of the proposed ideographs is in TrueType?	Yes
Are all the proposed glyphs put into BMP PUA area?	Yes
Are data for source references vs. character codes provided?	Yes
3. Source references: Do all the proposed ideographs have a unique, proper source reference (member body/international consortium abbreviation followed by no more than 9 alphanumeric characters)?	Yes
4. Evidence:	
a. Do all the proposed ideographs have a separate evidence document which contains at least one scanned image of printed materials (preferably dictionaries)?	Yes
b. Do all the printed materials used for evidence provide enough information to track them by a third party (ISBN numbers, etc.)?	Yes
5. Attribute Data Format: (Excel file or CSV text)	Excel

C. Technical - Checklist

Understanding of the Unification Principles		
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 unifiable variation examples?	Yes
3.	Has the submitter read the IRG PnP document and does the submitter understand the 5% Rule?	Yes
Character-Glyph Duplication (http://www.itsci.ipsj.or.jp/sc2/open/pow.htm contains all the published ones and those under ballot)		
4.	Has the submitter checked that the proposed ideographs are not unifiable with any of the unified or 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
5.	Has the submitter checked that the proposed ideographs are not unifiable 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 submitter checked that the proposed ideographs are not unifiable with any of the ideographs in the proposed amendments, if any, of ISO/IEC 10646? If yes, which draft amendment(s) has the submitter checked?	Yes
7.	Has the submitter checked that the proposed ideographs are not unifiable 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 IRGN2678
8.	Has the submitter checked that the proposed ideographs are not unifiable with any of the over-unified 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 similar ideographs in the current standardized or working sets mentioned above?	Yes
10.	Has the submitter checked whether the proposed ideographs have any variant ideographs in the current standardized or working sets mentioned above?	Yes
Attribute Data		
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 are also provided?	No
13.	Are there any simplified ideographs (ideographs that are based on the policy described in 简化字總表) among the proposed ideographs? If yes, does the proposal include proper simplified/traditional indication flag for each proposed ideograph in the attribute data?	
14.	Do all the proposed ideographs have the document page number of evidence documents in the attribute data?	No
15.	Do all the proposed ideographs have the proper Ideographic Description Sequence (IDS) in the attribute data? If no, how many proposed ideographs do not have the IDS?	Yes
16.	If the answer to question 9 or 10 is yes, do the attribute data include any information on similar/variant ideographs for the proposed ideographs?	Yes
17.	Do all the proposed ideographs contain the total stroke count (kTotalStrokes) ¹ ?	Yes

¹ The IRG understands that kTotalStrokes can be ambiguous and subject to different interpretations. The IRG takes no responsibility to check the correctness of the submitted attribute data.