

JTC1/SC2/WG2 N1284.

ISO-IEC JTC1/SC2/WG2 & WG2/IRG
**Universal Multiple-Octet Coded Character Set
(UCS)**

JTC1/SC2/WG2/IRG N 259

Date : 1995-11-07

TITLE : Ideographic Structure Symbols (Addition Request)

Source : Chinese National Body

Requested

Actions : To be discussed at WG2 #29 in Tokyo

In order to represent the Ideographs not coded in UCS , one of the approaches is to utilize Structure Symbols followed by coded Ideograph(s) and/or component(s). In China, GBK (Refer to ISO-IEC JTC1/SC2/WG2 N1281) has encoded 13 Ideographic Structure Symbols for this purpose. Windows95 PRC version (now in its Beta 2 stage) has included those symbols at system level.

The attachment is the Structure Symbols coded in GBK.

China requests to encode those Structure Symbols into BMP of ISO 10646.

漢字結構符

Ideographic Structure Symbols Coded in GBK

No.	Symbol	GBK Code	Proposed Code in UCS	Description and/or Proposed Name in UCS
1		A989	3250	IDEOGRAPHIC SIMILAR STRUCTURE SYMBOL (used to describe Gaiji roughly)
2		A98A	3251	IDEOGRAPHIC LEFT-RIGHT STRUCTURE SYMBOL
3		A98B	3252	IDEOGRAPHIC UP-DOWN STRUCTURE SYMBOL
4		A98C	3253	IDEOGRAPHIC LEFT-MIDDLE-RIGHT STRUCTURE SYMBOL
5		A98D	3254	IDEOGRAPHIC UP-MIDDLE-DOWN STRUCTURE SYMBOL
6		A98E	3255	IDEOGRAPHIC OVERALL-ROUNDED STRUCTURE SYMBOL
7		A98F	3256	IDEOGRAPHIC DOWNWARD-ENCOMPASS STRUCTURE SYMBOL
8		A990	3257	IDEOGRAPHIC UPWARD-ENCOMPASS STRUCTURE SYMBOL
9		A991	3258	IDEOGRAPHIC RIGHTWARD-ENCOMPASS STRUCTURE SYMBOL
A		A992	3259	IDEOGRAPHIC RIGHT-DOWN ENCOMPASS STRUCTURE SYMBOL
B		A993	325A	IDEOGRAPHIC LEFT-DOWN ENCOMPASS STRUCTURE SYMBOL
C		A994	325B	IDEOGRAPHIC RIGHT-UP ENCOMPASS STRUCTURE SYMBOL
D		A995	325C	IDEOGRAPHIC ENBEDDED STRUCTURE SYMBOL (Special Structure)

ISO/IEC JTC 1/SC 2/WG 2
PROPOSAL SUMMARY FORM
TO ACCOMPANY SUBMISSIONS
FOR ADDITIONS TO THE REPERTOIRE OF ISO/IEC 10646³

Please fill Sections A, B and C below. Section D will be filled by SC 2/WG 2.

A. Administrative

1. Title: Ideographic Structure Symbols
2. Requester's name: Chinese National Body
3. Requester type (Member body/Liaison/Individual contribution): NB
4. Submission date: 1995-11-08
5. Requester's reference (if applicable): _____
6. (Choose one of the following:)
This is a complete proposal: _____; or,
More information will be provided later: YES

B. Technical - General

1. (Choose one of the following:)
a. This proposal is for a new script (set of characters):
Proposed name of script: _____
- b. The proposal is for addition of character(s) to an existing block: YES
Name of the existing block: ROW 31 CJK MIS. or ROW 32
2. Number of characters in proposal: 13
3. Proposed category (see section II, Character Categories): A
4. Proposed Level of Implementation (see clause 15, ISO/IEC 10646-1): 3
Is a rationale provided for the choice?
If Yes, reference: Will be provided
5. Is a repertoire including character names provided?: YES
a. If YES, are the names in accordance with the 'character naming guidelines' in Annex K of ISO/IEC 10646-1? YES
b. Are the character shapes attached in a reviewable form? YES
6. Who will provide the appropriate computerized font (ordered preference: True Type, PostScript or 95x96 bit-mapped format) for publishing the standard? China
If available now, identify source(s) for the font (include address, e-mail, ftp-site, etc.) and indicate the tools used:
① Beijing Zhong Yi Electronics Ltd.
② Microsoft (Beijing) Windows 95 API.
7. References:
a. Are references (to other character sets, dictionaries, descriptive texts etc.) provided? Will be provided
b. Are published examples (such as samples from newspapers, magazines, or other sources) of use of proposed characters attached? Will be provided Later

³ (Form number: N-1116-F designed at the San Francisco, WG 2 meeting 26, on 1994-10-14; Revised 1995-01-27, 1995-04-05)

C. Technical - Justification

1. Has contact been made to members of the user community (for example: National Body, user groups of the script or characters, other experts, etc.)? YES
 If YES, with whom? Chinese National Body
 If YES, available relevant documents? _____
2. Information on the user community for the proposed characters (for example: size, demographics, information technology use, or publishing use) is included?
 Reference: Windows 95 / PRC Version B2
3. The context of use for the proposed characters (type of use; common or rare) getting common
 Reference: in Electronic Publishing Data Entry
4. Are the proposed characters in current use by the user community? YES
 If YES, where? Reference: Han Yu Da Ci Dian CD ROM (in publishing)
5. After giving due considerations to the principles in N 1252 must the proposed characters be entirely in the BMP? YES
 If YES, is a rationale provided? _____
 If YES, reference: IRGN254, IRGN223
6. Should the proposed characters be kept together in a contiguous range (rather than being scattered)? YES
7. Can any of the proposed characters be considered a presentation form of an existing character or character sequence? NO
 If YES, is a rationale for its inclusion provided? _____
 If YES, reference: _____
8. Can any of the proposed character(s) be considered to be similar (in appearance or function) to an existing character? NO
 If YES, is a rationale for its inclusion provided? _____
 If YES, reference: _____
9. Does the proposal include use of combining characters and/or use of composite sequences (see clause 4.11 and 4.13 in ISO/IEC 10646-1)? YES
 If YES, is a rationale for such use provided? _____
 If YES, reference: Will be provided
 Is a list of composite sequences and their corresponding glyph images (graphic symbols) provided? NO
 If YES, reference: _____

D. SC 2/WG 2 Administrative (To be completed by SC 2/WG 2)

1. Relevant SC 2/WG 2 document numbers: _____
2. Status (list of meeting number and corresponding action or disposition): _____
3. Additional contact to user communities, liaison organizations etc: _____
4. Assigned category and assigned priority/time frame: _____