

ISO/IEC JTC1/SC2/WG2
Universal Multiple-Octet Coded Character Set(UCS)
Secretariat: ANSI

TITLE:	PROPOSAL FOR THE ADDITION OF 82 SYMBOLS TO ISO/IEC 10646-1:2000
DOC. TYPE:	National body contribution
SOURCE:	Committee for Standardization of the D. P. R. of Korea (CSK)
DISTRIBUTION:	ISO/IEC JTC1/SC2/WG2 Members and Liaison Organization
DATE:	2000-08-10
REFERENCE:	WG2 N2182, WG2 N2170, WG2 N2204, WG2 N2167

This document is a more detailed WG2 N2182 which was submitted by D. P. R. of Korea in August 1998.

The 38th WG2 meeting recognized that some symbols from our proposal are under consideration now and resolved that CSK should submit a more completed proposal following the guidelines in the WG2 principle and procedures document (SC2/WG2 N 2002).

Therefore, CSK submit our proposal summary form and propose the addition of 82 symbols that are specified in KPS 9566-97 and widely in use in D. P. R.of Korea .

And CSK Propose to add 82 symbols, along with those which are now under consideration of WG2, to the working draft of next amendment of ISO/IEC 10646-1:2000.

ISO/IEC JTC 1/SC 2/WG 2
**PROPOSAL SUMMARY FORM TO ACCOMPANY SUBMISSIONS
 FOR ADDITIONS TO THE REPERTORIE OF ISO/IEC 10646**
 Please fill all the sections A,B and C below

A. Administrative

1. Title: **Proposal to add 82 Symbols to ISO/IEC 10646-1:2000**
2. Requester's name: Committee for Standardization of D.P.R.of Korea (CSK)
3. Requester type (Member body/Liaison/Individual contribution): Member body
4. Submission date: 2000-08-10
5. Requester's reference (if applicable): KPS 9566-97
6. (Choose one of the following:):
 - This is a complete proposal: Yes
 - 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): Yes (a few)
 Proposed name of script: Supplemental-A Arrow
 - b. The proposal is for addition of character(s) to an existing block: Yes
 Name of the existing block:
 General Punctuation (13), Number Form (5), Miscellaneous Technical (17),
 Enclosed Alphanumerics (10), Geometric Shapes (6), Miscellaneous Symbols (3),
 Dingbats (1), Supplemental -A Arrow (14), CJK Symbols and Punctuation (3),
 Enclosed CJK Letters and Month (10)
2. Number of characters in proposal: 82
3. Proposed category (see section II , character categories):
4. Proposed Level of Implementation (see clause 15, ISO/IEC 10646-1): 3
 Is a rationale provided for the choice?
 If Yes, reference:
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: TrueType,
 Postscript or 96*96 bit-mapped format) for publishing the standard?
CSK
 If available now, identify source(s) for the font (include address, e-mail,
 ftp-site, etc.) and indicate the tools used:
96 * 96bit mapped format
7. References:
 - a. Are references (to other character sets, dictionaries, descriptive texts etc.)
 provided? Yes

- b. Are published examples (such as samples from newspapers, magazines, or other sources) of use of proposed characters attached? _____ Yes
8. Special encoding issues: _____ No
 Does the proposal address other aspects of character data processing (if applicable) such as input, presentation, sorting, searching, indexing, transliteration etc. (if yes please enclose information):

C. Technical-Justification

1. Has this proposal for addition of character(s) been submitted before? _____ Yes
 If YES, explain _____ In the 38TH WG2 meeting , WG2 document N2182
2. 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? _____ CSK, PIC (Pyongyang Informatics Centre), KCC (Korean Computer Centre), ASS (Academy of Social Sciences of D.P.R.K)
 If YES, available relevant documents? _____ KPS 9566-97
3. Information on the user community for the proposed characters (for example: size, Demographics, information technology use, or publishing use) is included? _____ Yes
 Reference: _____
4. The context of use for the proposed characters (type of use; common or rare) _____ Common
 Reference: _____
5. Are the proposed characters in current use by the user community? _____ Yes
 If YES, where? Reference: _____ In the D.P.R of Korea
6. After giving due considerations to the principles in "principles and procedures" document (a WG2 standing document) must the proposed characters be entirely in the BMP? _____ Yes
 If YES, is a rationale provided?
 If YES, reference:
7. Should the proposed characters be kept together in a contiguous range (rather than being scattered)? _____ Yes
8. 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:
9. 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:
10. Does the proposed include use of combining characters and/ or use of composite sequences (see clauses 4.11 and 4.13 in ISO/IEC 10646-1)? _____ No
 If Yes, is a rationale for such use provided?
 If YES, reference:
 Is a list of composite sequences and their corresponding glyph images (graphic symbols) provided?
 If YES, reference:
11. Does the proposal contain characters with any special properties such as control function or similar semantics? _____ No
 If YES, describe in detail (include attachment if necessary)

REPertoire

GENERAL PUNCTUATION

·	2058	VERTICAL WRITING DOT
,	2059	VERTICAL WRITING COMMA
°	205A	VERTICAL WRITING RING ABOVE
`	205B	VERTICAL WRITING GRAVE ACCENT
{	205C	VERTICAL WRITING WAVE DASH
)	205D	RIGHT PARENTHESIS WITH A FULL STOP
»	205E	RIGHT DOUBLE ANGLE QUOTATION MARK WITH A FULL STOP
,	2064	OPEN ROW SINGLE QUOTATION MARK
‘	2065	CLOSE ROW SINGLE QUOTATION MARK
”	2066	OPEN ROW DOUBLE QUOTATION MARK
“	2067	CLOSE ROW DOUBLE QUOTATION MARK
□	2068	VERTICAL OPEN SQUARE BRACKET
□	2069	VERTICAL CLOSE SQUARE BRACKET











NUMBER FORMS

$\frac{1}{2}$	2184	VOLGAR FRACTION ONE HALF
$\frac{1}{3}$	2185	VOLGAR FRACTION ONE THIRD
$\frac{2}{3}$	2186	VOLGAR FRACTION TWO THIRDS
$\frac{1}{4}$	2187	VOLGAR FRACTION ONE QUARTER
$\frac{3}{4}$	2188	VOLGAR FRACTION THREE QUARTERS







MISCELLANEOUS TECHNICAL

°K	23C0	KELVIN
dm	23C1	DECIMETRE
dm ²	23C2	SQUARE DECIMETRE
dm ³	23C3	CUBIC DECIMETRE
V _m	23C4	VOLT PER METRE
A _m	23C5	AMPERE PER METRE
gal	23C6	GALLON
Hg	23C7	MERCURIAL COLUMN
erg	23C8	ERG
eV	23C9	ELECTRO VOLT
↵	23CA	WHITE ENTER MARK
⦿	23CB	CIRCLED WHITE UP-POINTING INDEX
☪	23CC	TEA MARK
LTD	23CD	LIMITED LIABILITY
PTE	23CE	PARTNERSHIP
FAX	23CF	FACSIMILE
IU	23D0	INTERNATIONAL UNIT

ENCLOSED ALPHANUMERICS

	24F0	CIRCLED NUMBER TWENTY-ONE
	24F1	CIRCLED NUMBER TWENTY-TWO
	24F2	CIRCLED NUMBER TWENTY-THREE
	24F3	CIRCLED NUMBER TWENTY-FOUR
	24F4	CIRCLED NUMBER TWENTY-FIVE
	24F5	CIRCLED NUMBER TWENTY-SIX
	24F6	CIRCLED NUMBER TWENTY-SEVEN
	24F7	CIRCLED NUMBER TWENTY-EIGHT
	24F8	CIRCLED NUMBER TWENTY-NINE
	24F9	CIRCLED NUMBER THIRTY

GEOMETRIC SHAPES

	25F8	WHITE UP-POINTING TRIANGLE WITH BLACK TRIANGLE
	25F9	WHITE UP-POINTING TRIANGLE WITH HORIZONTAL FILL
	25FA	WHITE UP-POINTING TRIANGLE WITH UPPER LEFT TO LOWER RIGHT FILL
	25FB	WHITE UP-POINTING TRIANGLE WITH UPPER RIGHT TO LOWER LEFT FILL
	25FC	WHITE FLAG
	25FD	BLACK FLAG








MISCELLANEOUS SYMBOLS

	2614	SHOWER
	2615	LIGHTNING
	2616	WHITE UP-POINTING WITH CAUTION MARK

DINGBATS

	2700	LEFTWARDS BLACK SCISSOR
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SUPPLEMENTAL-A ARROWS

	2B00	NORTH EAST WHITE ARROW
	2B01	NORTH WEST WHITE ARROW
	2B02	SOUTH EAST WHITE ARROW
	2B03	SOUTH WEST WHITE ARROW
	2B04	RIGHTWARDS BLACK ARROW
	2B05	LEFTWARDS BLACK ARROW
	2B06	UPWARDS BLACK ARROW

- ↓ 2B07 DOWNWARDS BLACK ARROW
- ↗ 2B08 NORTH EAST BLACK ARROW
- ↖ 2B09 NORTH WEST BLACK ARROW
- ↘ 2B0A SOUTH EAST BLACK ARROW
- ↙ 2B0B SOUTH WEST BLACK ARROW
- ↔ 2B0C RIGHTWARDS AND LEFTWARDS BLACK ARROW
- ↕ 2B0D UPWARDS AND DOWNWARDS BLACK ARROW

CJK SYMBOLS AND PUNCTUATION

- ▽ 303B WHITE DOWN-POINTING TRIANGLE WITH POST MARK
- ✳ 303C MARK OF THE WORKERS' PARTY OF KOREA
- ⊗ 303D CIRCLED MARK OF THE WORKERS' PARTY OF KOREA

ENCLOSED CJK LETTERS AND MONTHS

- (오전) 321D PARENTHESESIZED KOREAN CHARACTER OJEON
- (오후) 321E PARENTHESESIZED KOREAN CHARACTER OHU
- 김 3244 EMPHASIZED KOREAN LETTER KIM INSIDE KIM IL SUNG
- 일 3245 EMPHASIZED KOREAN LETTER IL INSIDE KIM IL SUNG
- 성 3246 EMPHASIZED KOREAN LETTER SUNG INSIDE KIM IL SUNG
- 김 3247 EMPHASIZED KOREAN LETTER KIM INSIDE KIM JONG IL
- 정 3248 EMPHASIZED KOREAN LETTER JONG INSIDE KIM JONG IL
- 일 3249 EMPHASIZED KOREAN LETTER IL INSIDE KIM JONG IL
- 참고 327C CIRCLED KOREAN CHARACTER CHAMKO
- 주위 327D CIRCLED KOREAN CHARACTER JUEUI