

**ISO/IEC JTC 1/SC 2  
Coded Character Sets  
Secretariat: [Japan \(JISC\)](#)**

<b>DOC. TYPE</b>	Summary of Voting/Table of Replies	
<b>TITLE</b>	Summary of Voting on SC 2 N 4125, ISO/IEC FCD 10646, Information technology -- Universal Coded Character Set (UCS)	
<b>SOURCE</b>	SC 2 Secretariat	
<b>PROJECT</b>	JTC 1.02.10646.00.00.00.02	
<b>STATUS</b>	This document is forwarded to WG 2 for disposition of comments. WG 2 is requested to prepare a disposition of comments report, revised text and a recommendation for further processing.	
<b>ACTION ID</b>	FYI	
<b>DUE DATE</b>		
<b>DISTRIBUTION</b>	P, O and L Members of ISO/IEC JTC 1/SC 2 ; ISO/IEC JTC 1 Secretariat; ISO/IEC ITTF	
<b>ACCESS LEVEL</b>	Def	
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## Result of voting

### Ballot Information:

<b>Ballot reference:</b>	SC2N4125
<b>Ballot type:</b>	CIB
<b>Ballot title:</b>	FCD 10646, Information technology -- Universal Coded Character Set (UCS)
<b>Opening date:</b>	2009-12-16
<b>Closing date:</b>	2010-04-16
<b>Note:</b>	

### Member responses:

<b>Votes cast (19)</b>	Canada (SCC) China (SAC) Finland (SFS) France (AFNOR) Germany (DIN) Hungary (MSZT) Iceland (IST) Indonesia (BSN) Ireland (NSAI) Japan (JISC) Korea, Republic of (KATS) Norway (SN) Poland (PKN) Russian Federation (GOST R) Sweden (SIS) Tunisia (INNORPI) Ukraine (DSSU) United Kingdom (BSI) USA (ANSI)
<b>Comments submitted (2)</b>	Armenia (SARM) Italy (UNI)
<b>Votes not cast (9)</b>	Austria (ASI) Egypt (EOS) Greece (ELOT) India (BIS) Korea, Dem. P. Rep. of (CSK) Mongolia (MASM) Romania (ASRO) Serbia (ISS) Thailand (TISI)

### Questions:

<b>Q.1</b>	"Do you agree with approval of the FCD Text?"
<b>Q.2</b>	"If you approve the FCD Text with comments, would you please indicate which type ? (General, Technical or Editorial)"
<b>Q.3</b>	"If you Disapprove the Draft, would you please indicate if you accept to change your vote to Approval if the reasons and appropriate changes will be accepted?"

#### Answers to Q.1: "Do you agree with approval of the FCD Text?"

<b>10 x</b>	<b>Approval as presented</b>	Finland (SFS) France (AFNOR) Germany (DIN) Hungary (MSZT) Iceland (IST) Norway (SN) Poland (PKN) Russian Federation (GOST R) Tunisia (INNORPI) Ukraine (DSSU)
<b>4 x</b>	<b>Approval with comments</b>	Canada (SCC) China (SAC) United Kingdom (BSI) USA (ANSI)
<b>3 x</b>	<b>Disapproval of the draft</b>	Ireland (NSAI) Japan (JISC) Korea, Republic of (KATS)
<b>2 x</b>	<b>Abstention</b>	Indonesia (BSN) Sweden (SIS)

#### Answers to Q.2: "If you approve the FCD Text with comments, would you please indicate which type ? (General, Technical or Editorial)"

<b>0 x</b>	<b>General</b>	
<b>1 x</b>	<b>Technical</b>	USA (ANSI)
<b>2 x</b>	<b>Editorial</b>	Canada (SCC) Ireland (NSAI)
<b>4 x</b>	<b>All</b>	China (SAC) Japan (JISC) Korea, Republic of (KATS) United Kingdom (BSI)
<b>12 x</b>	<b>Ignore</b>	Finland (SFS) France (AFNOR) Germany (DIN) Hungary (MSZT) Iceland (IST) Indonesia (BSN) Norway (SN) Poland (PKN)

<p>Russian Federation (GOST R)  Sweden (SIS)  Tunisia (INNORPI)  Ukraine (DSSU)</p>
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Answers to Q.3: "If you Disapprove the Draft, would you please indicate if you accept to change your vote to Approval if the reasons and appropriate changes will be accepted?"		
2 x	Yes	Japan (JISC) Korea, Republic of (KATS)
0 x	No	
17 x	Ignore	Canada (SCC) China (SAC) Finland (SFS) France (AFNOR) Germany (DIN) Hungary (MSZT) Iceland (IST) Indonesia (BSN) Ireland (NSAI) Norway (SN) Poland (PKN) Russian Federation (GOST R) Sweden (SIS) Tunisia (INNORPI) Ukraine (DSSU) United Kingdom (BSI) USA (ANSI)

Comments from Voters		
Member:	Comment:	Date:
Canada (SCC)	<i>Comment File</i>	2010-03-23 14:46:18
<a href="#">CommentFiles/SC2N4125_SCC.doc</a>		
China (SAC)	<i>Comment</i>	2010-04-09 09:49:10
The fonts of Multi-column code charts of CJK Main Block should be corrected according to IRG suggestions. The suggestions are hopefully be available after IRG#34 in June, 2010.		
Ireland (NSAI)	<i>Comment File</i>	2010-04-12 12:27:35
<a href="#">CommentFiles/SC2N4125_NSAI.pdf</a>		
Japan (JISC)	<i>Comment File</i>	2010-04-05 11:29:00
<a href="#">CommentFiles/SC2N4125_JISC.doc</a>		

<b>Korea, Republic of (KATS)</b>	<b>Comment</b>	2010-04-09 08:58:15
Please find the attached comment file		
<b>Korea, Republic of (KATS)</b>	<b>Comment File</b>	2010-04-09 08:58:15
<a href="#">CommentFiles/SC2N4125_KATS.pdf</a>		
<b>United Kingdom (BSI)</b>	<b>Comment File</b>	2010-04-07 12:36:39
<a href="#">CommentFiles/SC2N4125_BSI.doc</a>		
<b>USA (ANSI)</b>	<b>Comment File</b>	2010-04-09 22:10:53
<a href="#">CommentFiles/SC2N4125_ANSI.pdf</a>		

Comments from Commenters		
Member:	Comment:	Date:
<b>Armenia (SARM)</b>	<b>Comment</b>	2010-04-16 11:16:10
Please find attached our proposal on Armenian symbols to be involved in this standard.		
<b>Armenia (SARM)</b>	<b>Comment File</b>	2010-04-16 11:16:10
<a href="#">CommentFiles/SC2N4125_SARM.pdf</a>		
<b>Italy (UNI)</b>	<b>Comment</b>	2010-04-01 11:53:23
Italy: no comments		

**Our proposal is to involve following Armenian symbols.**

SYMBOL	NAME	SHORT NAME, NICK	ASSUMED PLACE IN UNICODE 10646	DESCRIPTION
	NUMERO SIGN	armnumero	<b>Letterlike Symbols</b> Range 2100-214F No proposed position Reason: the range is filled up	The symbol is designed for the word in Armenian meaning “Number”. It is composed with the capital letter “Հ” and superscript of small letter “ն”, over of which is placed a special horizontal stroke, which denotes “honor” and a word reduction.
	DRAM SIGN	armdram	<b>Currency symbols</b> Range 20A0-20CF Proposed position: <b>20B9</b>	The Dram Sign is designed to denominate the Armenian monetary unit. The symbol has been shaped as a superimposition of the capital first letter of “Դրամ” (Dram) word and two horizontal strokes, which stand for “Scales” and are present in majority of monetary symbols.
	ETERNITY SIGN	armeternity	<b>Dingbats</b> Range 2700-27BF No proposed position Reason: the range is filled up	The symbol represents the Armenian sign for Eternity. The appearance of the Sign resembles the clockwise rotating ornament, which is composed with curves running from center of the symbol. As a rule the Sign should have eight curves, as this number stands for revival, rebirth and recurrence. However, the symbol may be represented with five and more curves and anti-clockwise as well.
	MIDDLE DOT SIGN	armmiddot	<b>Armenian</b> Range 0530-058F Proposed position: <b>058B</b>	The appearance of Middle Dot resembles the Latin dot, and similarly to it has to be aligned with the bottom of text lines. However, this punctuation mark in Armenian has a meaning different from the meaning of Latin dot, and has to be used within Armenian sentences and not at the end.

## **Irish comments on ISO/IEC FCD 10646:2003**

**Reference: SC2 N4125**

**Closes: 2010-04-15**

**Date: 2010-04-11**

Ireland **disapproves** the draft with the editorial comments given below. Acceptance of these comments and appropriate changes to the text will change our vote to approval.

Our comments involve requests to replace some of the chart fonts. either because the fonts presently used are of substandard design quality (such as the Malayalam) or in order to restore a uniformity of design to Latin and common punctuation and similar characters. Over the years glyphs have been taken from several different sources, chiefly from John Fiscella, from SIL, and from Michael Everson, and this has brought about a distinct difference in the shapes of many characters. We propose to replace existing chart fonts with those given below. Note that a similar replacement for Greek and Cyrillic fonts has already been completed. Sets like General punctuation have been included here because Supplementary Punctuation uses slightly different glyphs. In general we believe that the glyphs we have proposed below should be generally acceptable, though we are willing to make modifications based on SC2 and UTC recommendations to any particular glyphs which prove problematic.

- E1. **Page 62, Row 008: C1 Controls and Latin-1 Supplement.** Ireland recommends that a uniform Times-like font be used for the glyphs in this block.
- E2. **Page 67, Row 010: Latin Extended-A.** Ireland recommends that a uniform Times-like font be used for the glyphs in this block.
- E3. **Page 72, Row 018: Latin Extended-B.** Ireland recommends that a uniform Times-like font be used for the glyphs in this block.
- E4. **Page 78, Row 025: IPA Extensions.** Ireland recommends that a uniform Times-like font be used for the glyphs in this block.
- E5. **Page 82, Row 02B: Spacing Modifier Letters.** Ireland recommends that a uniform Times-like font be used for the glyphs in this block.
- E6. **Page 86, Row 030: Combining Diacritical Marks.** Ireland recommends that a uniform Times-like font be used for the glyphs in this block.
- E7. **Page 335, Row 037: Greek and Coptic.** Ireland recommends that the updated Keft from from the International Association for Coptic Studies be used for the Coptic glyphs in this block (03E2..03EF).
- E8. **Page 146, Row 0D0: Malayalam.** Ireland recommends that the rather inconsistent font used for Malayalam be replaced with the one given in the table shown below.
- E9. **Page 155, Row 0E8: Lao.** Ireland recommends that the rather inconsistent font used for Lao be replaced with the one given in the table shown below.
- E10. **Page 237, Row 1E0: Latin Extended Additional.** Ireland recommends that a uniform Times-like font be used for the glyphs in this block.

- E11. **Page 251, Row 200: General Punctuation.** Ireland recommends that a uniform Times-like font be used for the glyphs in this block.
- E12. **Page 335, Row 2C8: Coptic.** Ireland recommends that the updated Keft from from the International Association for Coptic Studies be used for the glyphs in this block.
- E13. **Page 1226, Row FB0: Alphabetic Presentation Forms.** Ireland recommends that a uniform Times-like font be used for the seven Latin glyphs in this block.



	000	001	002	003	004	005	006	007
0	NUL 0000	DLE 0010	SP 0020	0 0030	@ 0040	P 0050	` 0060	p 0070
1	SOH 0001	DC1 0011	! 0021	1 0031	A 0041	Q 0051	a 0061	q 0071
2	STX 0002	DC2 0012	" 0022	2 0032	B 0042	R 0052	b 0062	r 0072
3	ETX 0003	DC3 0013	# 0023	3 0033	C 0043	S 0053	c 0063	s 0073
4	EOT 0004	DC4 0014	\$ 0024	4 0034	D 0044	T 0054	d 0064	t 0074
5	ENQ 0005	NAK 0015	% 0025	5 0035	E 0045	U 0055	e 0065	u 0075
6	ACK 0006	SYN 0016	& 0026	6 0036	F 0046	V 0056	f 0066	v 0076
7	BEL 0007	ETB 0017	' 0027	7 0037	G 0047	W 0057	g 0067	w 0077
8	BS 0008	CAN 0018	( 0028	8 0038	H 0048	X 0058	h 0068	x 0078
9	HT 0009	EM 0019	) 0029	9 0039	I 0049	Y 0059	i 0069	y 0079
A	LF 000A	SUB 001A	* 002A	: 003A	J 004A	Z 005A	j 006A	z 007A
B	VT 000B	ESC 001B	+ 002B	; 003B	K 004B	[ 005B	k 006B	{ 007B
C	FF 000C	FS 001C	, 002C	< 003C	L 004C	\ 005C	l 006C	 007C
D	CR 000D	GS 001D	- 002D	= 003D	M 004D	] 005D	m 006D	} 007D
E	SO 000E	RS 001E	. 002E	> 003E	N 004E	^ 005E	n 006E	~ 007E
F	SI 000F	US 001F	/ 002F	? 003F	O 004F	_ 005F	o 006F	DEL 007F

	008	009	00A	00B	00C	00D	00E	00F
0	XXX: 0080	DCS 0090	NB SP 00A0	◊ 00B0	À 00C0	Ð 00D0	à 00E0	ð 00F0
1	XXX: 0081	PU1 0091	ı 00A1	± 00B1	Á 00C1	Ñ 00D1	á 00E1	ñ 00F1
2	BPH: 0082	PU2 0092	ç 00A2	² 00B2	Â 00C2	Ò 00D2	â 00E2	ò 00F2
3	NBH: 0083	STS 0093	£ 00A3	³ 00B3	Ã 00C3	Ó 00D3	ã 00E3	ó 00F3
4	IND: 0084	CCH 0094	⌘ 00A4	´ 00B4	Ä 00C4	Ô 00D4	ä 00E4	ô 00F4
5	NEL: 0085	MW 0095	¥ 00A5	μ 00B5	Å 00C5	Õ 00D5	å 00E5	õ 00F5
6	SSA: 0086	SPA 0096	¦ 00A6	¶ 00B6	Æ 00C6	Ö 00D6	æ 00E6	ö 00F6
7	ESA: 0087	EPA 0097	§ 00A7	· 00B7	Ç 00C7	× 00D7	ç 00E7	÷ 00F7
8	HTS: 0088	SOS 0098	¨ 00A8	‚ 00B8	È 00C8	Ø 00D8	è 00E8	ø 00F8
9	HTJ: 0089	XXX: 0099	© 00A9	¹ 00B9	É 00C9	Ù 00D9	é 00E9	ù 00F9
A	VTS: 008A	SCI 009A	à 00AA	º 00BA	Ê 00CA	Ú 00DA	ê 00EA	ú 00FA
B	PLD: 008B	CSI 009B	« 00AB	» 00BB	Ë 00CB	Û 00DB	ë 00EB	û 00FB
C	PLU: 008C	ST 009C	¬ 00AC	¼ 00BC	Ì 00CC	Ü 00DC	ì 00EC	ü 00FC
D	RI 008D	OSC 009D	SHY 00AD	½ 00BD	Í 00CD	Ý 00DD	í 00ED	ý 00FD
E	SS2: 008E	PM 009E	® 00AE	¾ 00BE	Î 00CE	Þ 00DE	î 00EE	þ 00FE
F	SS3: 008F	APC 009F	– 00AF	¿ 00BF	Ï 00CF	ß 00DF	ï 00EF	ÿ 00FF

	010	011	012	013	014	015	016	017
0	Ā 0100	Đ 0110	Ġ 0120	İ 0130	ı 0140	Ó 0150	Š 0160	Ú 0170
1	ā 0101	đ 0111	ġ 0121	ı 0131	Ł 0141	ó 0151	š 0161	ú 0171
2	Ǻ 0102	Ē 0112	Ĝ 0122	IJ 0132	ł 0142	Œ 0152	Ŧ 0162	Ū 0172
3	ǻ 0103	ē 0113	ĝ 0123	ij 0133	Ń 0143	œ 0153	ț 0163	ұ 0173
4	Ą 0104	Ĕ 0114	Ĥ 0124	Ĵ 0134	ń 0144	Ŕ 0154	Ţ 0164	Ŵ 0174
5	ą 0105	ĕ 0115	ĥ 0125	ĵ 0135	Ņ 0145	ŕ 0155	ţ 0165	ŵ 0175
6	Ć 0106	Ė 0116	Ħ 0126	Ɔ 0136	ņ 0146	Ŗ 0156	Ŧ 0166	Ŷ 0176
7	ć 0107	ė 0117	ħ 0127	Ʒ 0137	Ň 0147	ŗ 0157	ț 0167	ŷ 0177
8	Ĉ 0108	Ę 0118	Ĩ 0128	Ɔ 0138	ň 0148	Ř 0158	Ū 0168	Ÿ 0178
9	ĉ 0109	ę 0119	ĩ 0129	Ł 0139	’n 0149	ř 0159	ũ 0169	Ž 0179
A	Ċ 010A	Ě 011A	Ī 012A	Í 013A	Ņ 014A	Ś 015A	Ū 016A	ž 017A
B	ċ 010B	ě 011B	ī 012B	Ł 013B	ŋ 014B	ś 015B	ū 016B	Ž 017B
C	Č 010C	Ĝ 011C	Ĭ 012C	ı 013C	Ō 014C	Ŝ 015C	Ŭ 016C	ž 017C
D	č 010D	ĝ 011D	ĭ 012D	Ł 013D	ō 014D	ŝ 015D	ŭ 016D	Ž 017D
E	Ď 010E	Ĝ 011E	Į 012E	ı 013E	Ŏ 014E	Ş 015E	Ű 016E	ž 017E
F	ď 010F	ġ 011F	į 012F	Ł 013F	ő 014F	ş 015F	ű 016F	f 017F

	018	019	01A	01B	01C	01D	01E	01F	020	021	022	023	024
0	ḃ 0180	ε 0190	Ó 01A0	ǔ 01B0	ǀ 01C0	ǎ 01D0	Ā 01E0	ǰ 01F0	À 0200	Ò 0210	ŋ 0220	Ō 0230	Ʒ 0240
1	Ḃ 0181	ƒ 0191	ó 01A1	Ṫ 01B1	ǁ 01C1	Ǒ 01D1	ā 01E1	DZ 01F1	à 0201	ò 0211	ɖ 0221	ō 0231	Ʒ 0241
2	Ḅ 0182	ƒ 0192	ǫ 01A2	Ṫ 01B2	ǂ 01C2	ǒ 01D2	Ā 01E2	Dz 01F2	Â 0202	Ô 0212	8 0222	Ȳ 0232	Ʒ 0242
3	ḅ 0183	ƒ 0193	ǫ 01A3	Ȳ 01B3	ǃ 01C3	Ǔ 01D3	æ 01E3	dz 01F3	â 0203	ô 0213	8 0223	ȳ 0233	Ḃ 0243
4	Ḇ 0184	Ƴ 0194	Ɔ 01A4	Ƴ 01B4	DŽ 01C4	ǔ 01D4	Ɔ 01E4	Ɔ 01F4	È 0204	Û 0214	Ʒ 0224	ł 0234	Ṫ 0244
5	ḇ 0185	ħ 0195	Ɔ 01A5	Ʒ 01B5	Dž 01C5	Ū 01D5	Ɔ 01E5	Ɔ 01F5	è 0205	ù 0215	Ʒ 0225	ŋ 0235	Λ 0245
6	Ḉ 0186	ł 0196	Ŕ 01A6	Ʒ 01B6	dž 01C6	ũ 01D6	Ǧ 01E6	Ḥ 01F6	Ê 0206	Û 0216	À 0226	ł 0236	Ɔ 0246
7	Ḋ 0187	Ɔ 0197	Ʒ 01A7	Ʒ 01B7	LJ 01C7	Ǔ 01D7	ǧ 01E7	Ɔ 01F7	ê 0207	û 0217	à 0227	Ʒ 0237	Ɔ 0247
8	ḋ 0188	Ɔ 0198	Ʒ 01A8	Ʒ 01B8	Lj 01C8	ǔ 01D8	Ǧ 01E8	Ḋ 01F8	Ë 0208	Û 0218	Ş 0228	Ɔ 0238	Ɔ 0248
9	Ḍ 0189	Ɔ 0199	Ʒ 01A9	Ʒ 01B9	lj 01C9	Ǔ 01D9	Ɔ 01E9	Ḋ 01F9	ì 0209	ş 0219	ę 0229	Ɔ 0239	Ɔ 0249
A	Ḏ 018A	ł 019A	ł 01AA	Ʒ 01BA	NJ 01CA	ǔ 01DA	Ɔ 01EA	À 01FA	Î 020A	Ɔ 021A	Ō 022A	Ɔ 023A	Ɔ 024A
B	Ḑ 018B	λ 019B	ł 01AB	Ʒ 01BB	Nj 01CB	Û 01DB	Ɔ 01EB	á 01FB	î 020B	ł 021B	ō 022B	Ɔ 023B	Ɔ 024B
C	ḑ 018C	Ɔ 019C	Ɔ 01AC	Ʒ 01BC	nj 01CC	ù 01DC	Ɔ 01EC	É 01FC	Ò 020C	Ʒ 021C	Ō 022C	Ɔ 023C	Ɔ 024C
D	Ḓ 018D	Ɔ 019D	Ɔ 01AD	Ʒ 01BD	Ǻ 01CD	ə 01DD	Ɔ 01ED	æ 01FD	ò 020D	Ʒ 021D	ō 022D	Ɔ 023D	Ɔ 024D
E	Ḕ 018E	ŋ 019E	Ɔ 01AE	ł 01BE	ǻ 01CE	Ā 01DE	Ɔ 01EE	Ø 01FE	Ô 020E	Ĥ 021E	Ò 022E	Ɔ 023E	Ɔ 024E
F	Ḕ 018F	Θ 019F	Ɔ 01AF	Ɔ 01BF	ǻ 01CF	ā 01DF	Ɔ 01EF	ø 01FF	ô 020F	ħ 021F	ò 022F	Ɔ 023F	Ɔ 024F

	025	026	027	028	029	02A
0	ɐ 0250	ɟ 0260	ɥ 0270	ʀ 0280	ʐ 0290	ɸ 02A0
1	ɑ 0251	ɠ 0261	ɱ 0271	ʁ 0281	ʑ 0291	ʦ 02A1
2	ɒ 0252	ɢ 0262	ɲ 0272	ʂ 0282	ʓ 0292	ɸ̣ 02A2
3	ɓ 0253	ɣ 0263	ɳ 0273	ʃ 0283	ʔ 0293	ɸ̥ 02A3
4	ɔ 0254	ɶ 0264	ɴ 0274	ʄ 0284	ʕ 0294	ɸ̧ 02A4
5	ɛ 0255	ɸ 0265	ɵ 0275	ɺ 0285	ɸ̨ 0295	ɸ̩ 02A5
6	ɸ̥ 0256	ɦ 0266	ɷ 0276	ʅ 0286	ɸ̧ 0296	ɸ̨̥ 02A6
7	ɸ̧ 0257	ɸ̨ 0267	ɸ̩ 0277	ɸ̩̥ 0287	ɸ̧̩ 0297	ɸ̨̩̥ 02A7
8	ɸ̩̥ 0258	ɸ̧̩ 0268	ɸ̨̩̥ 0278	ɸ̨̧̩ 0288	ɸ̨̨̩̥ 0298	ɸ̨̨̧̩ 02A8
9	ɸ̨̩̥ 0259	ɸ̨̧̩ 0269	ɸ̨̨̩̥ 0279	ɸ̨̨̧̩ 0289	ɸ̨̨̨̩̥ 0299	ɸ̨̨̨̧̩ 02A9
A	ɸ̨̨̨̩̥ 025A	ɸ̨̨̨̧̩ 026A	ɸ̨̨̨̨̩̥ 027A	ɸ̨̨̨̨̧̩ 028A	ɸ̨̨̨̨̨̩̥ 029A	ɸ̨̨̨̨̨̧̩ 02AA
B	ɸ̨̨̨̨̩̥ 025B	ɸ̨̨̨̨̧̩ 026B	ɸ̨̨̨̨̨̩̥ 027B	ɸ̨̨̨̨̨̧̩ 028B	ɸ̨̨̨̨̨̨̩̥ 029B	ɸ̨̨̨̨̨̨̧̩ 02AB
C	ɸ̨̨̨̨̨̩̥ 025C	ɸ̨̨̨̨̨̧̩ 026C	ɸ̨̨̨̨̨̨̩̥ 027C	ɸ̨̨̨̨̨̨̧̩ 028C	ɸ̨̨̨̨̨̨̨̩̥ 029C	ɸ̨̨̨̨̨̨̨̧̩ 02AC
D	ɸ̨̨̨̨̨̨̩̥ 025D	ɸ̨̨̨̨̨̨̧̩ 026D	ɸ̨̨̨̨̨̨̨̩̥ 027D	ɸ̨̨̨̨̨̨̨̧̩ 028D	ɸ̨̨̨̨̨̨̨̨̩̥ 029D	ɸ̨̨̨̨̨̨̨̨̧̩ 02AD
E	ɸ̨̨̨̨̨̨̨̩̥ 025E	ɸ̨̨̨̨̨̨̨̧̩ 026E	ɸ̨̨̨̨̨̨̨̨̩̥ 027E	ɸ̨̨̨̨̨̨̨̨̧̩ 028E	ɸ̨̨̨̨̨̨̨̨̨̩̥ 029E	ɸ̨̨̨̨̨̨̨̨̨̧̩ 02AE
F	ɸ̨̨̨̨̨̨̨̨̩̥ 025F	ɸ̨̨̨̨̨̨̨̨̧̩ 026F	ɸ̨̨̨̨̨̨̨̨̨̩̥ 027F	ɸ̨̨̨̨̨̨̨̨̨̧̩ 028F	ɸ̨̨̨̨̨̨̨̨̨̨̩̥ 029F	ɸ̨̨̨̨̨̨̨̨̨̨̧̩ 02AF

	02B	02C	02D	02E	02F
0	h 02B0	ʔ 02C0	˘ 02D0	ʏ 02E0	ˆ 02F0
1	ĥ 02B1	Ƹ 02C1	˙ 02D1	l 02E1	< 02F1
2	j 02B2	< 02C2	˘ 02D2	s 02E2	> 02F2
3	r 02B3	> 02C3	˘ 02D3	x 02E3	◦ 02F3
4	J 02B4	^ 02C4	⊥ 02D4	Ƹ 02E4	˘ 02F4
5	Ƶ 02B5	v 02C5	τ 02D5	⌋ 02E5	“ 02F5
6	ƶ 02B6	^ 02C6	+ 02D6	⌋ 02E6	” 02F6
7	W 02B7	v 02C7	- 02D7	⌋ 02E7	~ 02F7
8	y 02B8	l 02C8	˘ 02D8	⌋ 02E8	: 02F8
9	/ 02B9	- 02C9	• 02D9	⌋ 02E9	Ɔ 02F9
A	” 02BA	/ 02CA	◦ 02DA	L 02EA	Ɔ 02FA
B	‘ 02BB	˘ 02CB	˘ 02DB	Ɔ 02EB	L 02FB
C	, 02BC	l 02CC	~ 02DC	v 02EC	J 02FC
D	˘ 02BD	- 02CD	” 02DD	= 02ED	⌋ 02FD
E	˘ 02BE	˘ 02CE	~ 02DE	” 02EE	⌋ 02FE
F	˘ 02BF	/ 02CF	× 02DF	v 02EF	← 02FF

	030	031	032	033	034	035	036
0	0300	0310	0320	0330	0340	0350	0360
1	0301	0311	0321	0331	0341	0351	0361
2	0302	0312	0322	0332	0342	0352	0362
3	0303	0313	0323	0333	0343	0353	0363
4	0304	0314	0324	0334	0344	0354	0364
5	0305	0315	0325	0335	0345	0355	0365
6	0306	0316	0326	0336	0346	0356	0366
7	0307	0317	0327	0337	0347	0357	0367
8	0308	0318	0328	0338	0348	0358	0368
9	0309	0319	0329	0339	0349	0359	0369
A	030A	031A	032A	033A	034A	035A	036A
B	030B	031B	032B	033B	034B	035B	036B
C	030C	031C	032C	033C	034C	035C	036C
D	030D	031D	032D	033D	034D	035D	036D
E	030E	031E	032E	033E	034E	035E	036E
F	030F	031F	032F	033F	034F	035F	036F




















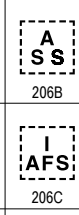


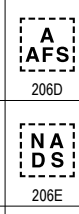



















	037	038	039	03A	03B	03C	03D	03E	03F
0	Ɔ 0370		í 0390	Π 03A0	Û 03B0	π 03C0	ϐ 03D0	Ǝ 03E0	κ 03F0
1	Ɔ 0371		Α 0391	Ρ 03A1	α 03B1	ρ 03C1	ϑ 03D1	Ǝ 03E1	Ϟ 03F1
2	Ɔ 0372		Β 0392		β 03B2	ς 03C2	Υ 03D2	Ω 03E2	Ϛ 03F2
3	Ɔ 0373		Γ 0393	Σ 03A3	γ 03B3	σ 03C3	Υ 03D3	ω 03E3	ϛ 03F3
4	´ 0374	´ 0384	Δ 0394	Τ 03A4	δ 03B4	τ 03C4	ÿ 03D4	ϣ 03E4	Θ 03F4
5	´ 0375	´ 0385	Ε 0395	Υ 03A5	ε 03B5	υ 03C5	ϕ 03D5	ϣ 03E5	€ 03F5
6	И 0376	Α 0386	Ζ 0396	Φ 03A6	ζ 03B6	φ 03C6	ϖ 03D6	ϣ 03E6	ϣ 03F6
7	κ 0377	· 0387	Η 0397	Χ 03A7	η 03B7	χ 03C7	ϣ 03D7	ϣ 03E7	Ɔ 03F7
8		Έ 0388	Θ 0398	Ψ 03A8	θ 03B8	ψ 03C8	Ϟ 03D8	ϣ 03E8	ϣ 03F8
9		Ή 0389	Ι 0399	Ω 03A9	ι 03B9	ω 03C9	Ϟ 03D9	ϣ 03E9	Ϛ 03F9
A	´ 037A	Ί 038A	Κ 039A	Ϊ 03AA	κ 03BA	ϊ 03CA	Ϛ 03DA	Ϛ 03EA	Μ 03FA
B	Ϛ 037B		Λ 039B	ÿ 03AB	λ 03BB	ÿ 03CB	ς 03DB	Ϛ 03EB	ϣ 03FB
C	Ϛ 037C	Ό 038C	Μ 039C	ά 03AC	μ 03BC	ό 03CC	Ɔ 03DC	ϐ 03EC	ρ 03FC
D	ϣ 037D		Ν 039D	έ 03AD	ν 03BD	ύ 03CD	Ɔ 03DD	ϐ 03ED	Ϛ 03FD
E	; 037E	Υ 038E	Ξ 039E	ή 03AE	ξ 03BE	ώ 03CE	ϣ 03DE	† 03EE	Ϛ 03FE
F		Ό 038F	Ο 039F	ί 03AF	ο 03BF	Ϟ 03CF	ϣ 03DF	† 03EF	ϣ 03FF



	0D0	0D1	0D2	0D3	0D4	0D5	0D6	0D7
0		ഐ 0D10	ഠ 0D20	ര 0D30	ീ 0D40		ഋ 0D60	൧ 0D70
1			ഡ 0D21	റ 0D31	ു 0D41		ൺ 0D61	൩ 0D71
2	ഠ 0D02	ഒ 0D12	ഡ 0D22	ല 0D32	ു 0D42		ൺ 0D62	൩ 0D72
3	ഃ 0D03	ഓ 0D13	ണ 0D23	ള 0D33	്യ 0D43		ൺ 0D63	൪ 0D73
4		ഔ 0D14	ത 0D24	ഴ 0D34	്യ 0D44			ൺ 0D74
5	അ 0D05	ക 0D15	ഥ 0D25	വ 0D35				ൺ 0D75
6	ആ 0D06	ഖ 0D16	ഭ 0D26	ശ 0D36	ഌ 0D46		ഠ 0D66	
7	ഇ 0D07	ഗ 0D17	ധ 0D27	ഷ 0D37	ഘ 0D47	ൗ 0D57	൧ 0D67	
8	ഇ 0D08	ഘ 0D18	ന 0D28	സ 0D38	ഌ 0D48		൨ 0D68	
9	ഉ 0D09	ങ 0D19	ണ 0D29	ഹ 0D39			൩ 0D69	൪ 0D79
A	ഊ 0D0A	ച 0D1A	പ 0D2A	ഠ 0D3A	ഌ 0D4A		൪ 0D6A	ൺ 0D7A
B	ഋ 0D0B	ഘ 0D1B	ഫ 0D2B		ഌ 0D4B		൫ 0D6B	ൺ 0D7B
C	ൺ 0D0C	ജ 0D1C	ബ 0D2C		ൗ 0D4C		൩ 0D6C	൪ 0D7C
D		ഡ 0D1D	ഭ 0D2D	ഠ 0D3D	ഌ 0D4D		൫ 0D6D	ൺ 0D7D
E	എ 0D0E	ണ 0D1E	മ 0D2E	ഌ 0D3E	ഌ 0D4E		൫ 0D6E	ൺ 0D7E
F	ഏ 0D0F	ഠ 0D1F	യ 0D2F	ീ 0D3F			ൺ 0D6F	ൺ 0D7F

	0E8	0E9	0EA	0EB	0EC	0ED	0EE	0EF
0				ຂ 0EB0	ໄ 0EC0	ອ 0ED0		
1	ກ 0E81		ມ 0EA1	ຸ 0EB1	ແ 0EC1	ອ 0ED1		
2	ຂ 0E82		ຢ 0EA2	າ 0EB2	ໄ 0EC2	ຸ 0ED2		
3			ຮ 0EA3	ຳ 0EB3	ໃ 0EC3	ຊ 0ED3		
4	ຄ 0E84	ດ 0E94		ົ 0EB4	ໄ 0EC4	ຸ 0ED4		
5		ຕ 0E95	ລ 0EA5	ຸ 0EB5		ຸ 0ED5		
6		ຖ 0E96		ື 0EB6	ງ 0EC6	ຜ 0ED6		
7	ງ 0E87	ທ 0E97	ວ 0EA7	ື 0EB7		ກ 0ED7		
8	ຈ 0E88			ຸ 0EB8	ົ 0EC8	ຸ 0ED8		
9		ນ 0E99		ຸ 0EB9	ົ 0EC9	ລ 0ED9		
A	ຊ 0E8A	ບ 0E9A	ສ 0EA A		ົ 0ECA			
B		ປ 0E9B	ຫ 0EAB	ົ 0EBB	ົ 0ECB			
C		ຜ 0E9C		ຸ 0EBC	ົ 0ECC	ໝ 0EDC		
D	ຍ 0E8D	ຝ 0E9D	ອ 0EAD	ຸ 0EBD	ົ 0ECD	ໝ 0EDD		
E		ພ 0E9E	ຮ 0EAE					
F		ຟ 0E9F	ຯ 0EAF					

	1E0	1E1	1E2	1E3	1E4	1E5	1E6	1E7	1E8	1E9	1EA	1EB	1EC	1ED	1EE	1EF
0	À 1E00	Ā 1E10	Ġ 1E20	Ķ 1E30	Ĭ 1E40	Ò 1E50	Š 1E60	Ŧ 1E70	Ẁ 1E80	Ẃ 1E90	Ȧ 1EA0	Ǻ 1EB0	È 1EC0	Ó 1ED0	Õ 1EE0	Ț 1EF0
1	à 1E01	ā 1E11	ġ 1E21	ķ 1E31	ĭ 1E41	ò 1E51	š 1E61	ŧ 1E71	ẁ 1E81	ẃ 1E91	ȧ 1EA1	ǻ 1EB1	è 1EC1	ó 1ED1	õ 1EE1	ț 1EF1
2	Ā 1E02	Ą 1E12	Ħ 1E22	Ĳ 1E32	Ṁ 1E42	Ǫ 1E52	Ş 1E62	Ț 1E72	Ẃ 1E82	Ẅ 1E92	Ȧ 1EA2	Ǻ 1EB2	Ê 1EC2	Ò 1ED2	Ȯ 1EE2	Ỳ 1EF2
3	ā 1E03	ą 1E13	ħ 1E23	ķ 1E33	ṁ 1E43	ǫ 1E53	ş 1E63	ț 1E73	ẃ 1E83	ẅ 1E93	ȧ 1EA3	ǻ 1EB3	ê 1EC3	ò 1ED3	ȯ 1EE3	ỳ 1EF3
4	Ḃ 1E04	È 1E14	Ĥ 1E24	Ĳ 1E34	Ñ 1E44	Ṗ 1E54	Š 1E64	Ț 1E74	Ẅ 1E84	Ẇ 1E94	Ȧ 1EA4	Ǻ 1EB4	Ë 1EC4	Ó 1ED4	Ț 1EE4	Ỳ 1EF4
5	ḃ 1E05	è 1E15	ḥ 1E25	ḵ 1E35	ñ 1E45	ṗ 1E55	š 1E65	ț 1E75	ẅ 1E85	ẇ 1E95	ȧ 1EA5	ǻ 1EB5	ë 1EC5	ó 1ED5	ț 1EE5	ỳ 1EF5
6	Ḅ 1E06	É 1E16	Ħ 1E26	Ḷ 1E36	Ñ 1E46	Ṗ 1E56	Š 1E66	Ț 1E76	Ẅ 1E86	ḥ 1E96	Ȧ 1EA6	Ǻ 1EB6	Ê 1EC6	Ó 1ED6	Ț 1EE6	Ỳ 1EF6
7	ḅ 1E07	é 1E17	ḥ 1E27	ḷ 1E37	ñ 1E47	ṗ 1E57	š 1E67	ț 1E77	ẅ 1E87	ṫ 1E97	ȧ 1EA7	ǻ 1EB7	ê 1EC7	ó 1ED7	ț 1EE7	ỳ 1EF7
8	Ć 1E08	Ē 1E18	Ĥ 1E28	Ḷ 1E38	Ñ 1E48	Ṗ 1E58	Š 1E68	Ț 1E78	Ẅ 1E88	Ẇ 1E98	Ȧ 1EA8	Ǻ 1EB8	Ë 1EC8	Ó 1ED8	Ț 1EE8	Ỳ 1EF8
9	ć 1E09	ē 1E19	ḥ 1E29	ḷ 1E39	ñ 1E49	ṗ 1E59	š 1E69	ț 1E79	ẅ 1E89	ẇ 1E99	ȧ 1EA9	ǻ 1EB9	ë 1EC9	ó 1ED9	ț 1EE9	ỳ 1EF9
A	Ḍ 1E0A	Ē 1E1A	Ĥ 1E2A	Ḷ 1E3A	Ñ 1E4A	Ṗ 1E5A	Ŧ 1E6A	Ț 1E7A	Ẅ 1E8A	Ẇ 1E9A	Ȧ 1EA	Ǻ 1EB	Ë 1EC	Ó 1ED	Ț 1EE	IL 1EFA
B	ḏ 1E0B	ē 1E1B	ḥ 1E2B	ḷ 1E3B	ñ 1E4B	ṗ 1E5B	ŧ 1E6B	ț 1E7B	ẅ 1E8B	ẇ 1E9B	ȧ 1EAB	ǻ 1EBB	ë 1ECB	ó 1EDB	ț 1EEB	ll 1EFB
C	Ḑ 1E0C	Ě 1E1C	Ĭ 1E2C	Ḷ 1E3C	Ǫ 1E4C	Ṗ 1E5C	Ŧ 1E6C	Ț 1E7C	Ẅ 1E8C	Ẇ 1E9C	Ȧ 1EAC	Ǻ 1EBC	Ë 1ECC	Ò 1EDC	Ț 1EEC	6 1EFC
D	ḑ 1E0D	ě 1E1D	ĭ 1E2D	ḷ 1E3D	ǫ 1E4D	ṗ 1E5D	ŧ 1E6D	ț 1E7D	ẅ 1E8D	ẇ 1E9D	ȧ 1EAD	ǻ 1EBD	ë 1ECD	ò 1EDD	ț 1EED	6 1EFD
E	Ḓ 1E0E	Ě 1E1E	Ĭ 1E2E	Ṁ 1E3E	Ǫ 1E4E	Ṗ 1E5E	Ŧ 1E6E	Ț 1E7E	Ẅ 1E8E	Ẇ 1E9E	Ȧ 1EAE	Ǻ 1EBE	Ë 1ECE	Ó 1EDE	Ț 1EEE	Ÿ 1EFE
F	ḓ 1E0F	ě 1E1F	ĭ 1E2F	ṁ 1E3F	ǫ 1E4F	ṗ 1E5F	ŧ 1E6F	ț 1E7F	ẅ 1E8F	ẇ 1E9F	ȧ 1EAF	ǻ 1EBF	ë 1ECF	ó 1EDF	ț 1EEF	ÿ 1EFF

	200	201	202	203	204	205	206
0	 2000	— 2010	† 2020	‰ 2030	— 2040	⊂ 2050	 2060
1	 2001	 2011	‡ 2021	‱ 2031	∧ 2041	* 2051	 2061
2	 2002	— 2012	● 2022	' 2032	* 2042	% 2052	 2062
3	 2003	— 2013	▶ 2023	" 2033	■ 2043	~ 2053	 2063
4	 2004	— 2014	• 2024	''' 2034	/ 2044	— 2054	 2064
5	 2005	— 2015	•• 2025	\' 2035	[ 2045	* 2055	
6	 2006	 2016	••• 2026	" 2036	] 2046	∴ 2056	
7	 2007	= 2017	• 2027	''' 2037	?? 2047	''' 2057	
8	 2008	‘ 2018	 2028	^ 2038	?! 2048	∴ 2058	
9	 2009	’ 2019	 2029	< 2039	!? 2049	∴ 2059	
A	 200A	‚ 201A	 202A	> 203A	⌋ 204A	• 205A	 206A
B	 200B	‘ 201B	 202B	⊗ 203B	⌈ 204B	∴ 205B	 206B
C	 200C	“ 201C	 202C	!! 203C	◐ 204C	⦿ 205C	 206C
D	 200D	” 201D	 202D	!? 203D	◑ 204D	∴ 205D	 206D
E	 200E	” 201E	 202E	— 203E	* 204E	∴ 205E	 206E
F	 200F	“ 201F	 202F	— 203F	• 204F	 205F	 206F

	2C8	2C9	2CA	2CB	2CC	2CD	2CE	2CF
0	ⲁ 2C80	Ⲑ 2C90	Ⲡ 2CA0	Ⲫ 2CB0	Ⲥ 2CC0	Ⲏ 2CD0	Ⲫ 2CE0	Ⲁ 2CF0
1	ⲁ 2C81	Ⲑ 2C91	Ⲡ 2CA1	Ⲫ 2CB1	Ⲥ 2CC1	Ⲏ 2CD1	Ⲫ 2CE1	Ⲁ 2CF1
2	Ⲃ 2C82	ⲓ 2C92	Ⲣ 2CA2	ⲫ 2CB2	Ⲭ 2CC2	ⲏ 2CD2	ⲩ 2CE2	
3	Ⲃ 2C83	ⲓ 2C93	Ⲣ 2CA3	ⲫ 2CB3	Ⲭ 2CC3	ⲏ 2CD3	ⲩ 2CE3	
4	Ⲅ 2C84	ⲕ 2C94	Ⲛ 2CA4	ⲛ 2CB4	ⲛ 2CC4	ⲛ 2CD4	ⲛ 2CE4	
5	Ⲅ 2C85	ⲕ 2C95	Ⲛ 2CA5	ⲛ 2CB5	ⲛ 2CC5	ⲛ 2CD5	ⲛ 2CE5	
6	Ⲅ 2C86	ⲕ 2C96	Ⲛ 2CA6	ⲛ 2CB6	ⲛ 2CC6	ⲛ 2CD6	ⲛ 2CE6	
7	Ⲅ 2C87	ⲕ 2C97	Ⲛ 2CA7	ⲛ 2CB7	ⲛ 2CC7	ⲛ 2CD7	ⲛ 2CE7	
8	Ⲇ 2C88	ⲙ 2C98	Ⲙ 2CA8	ⲙ 2CB8	ⲙ 2CC8	ⲙ 2CD8	ⲙ 2CE8	
9	Ⲇ 2C89	ⲙ 2C99	Ⲙ 2CA9	ⲙ 2CB9	ⲙ 2CC9	ⲙ 2CD9	ⲙ 2CE9	ⲛ 2CF9
A	Ⲅ 2C8A	ⲕ 2C9A	Ⲛ 2CAA	ⲛ 2CBA	ⲛ 2CCA	ⲛ 2CDA	ⲛ 2CEA	ⲛ 2CFA
B	Ⲅ 2C8B	ⲕ 2C9B	Ⲛ 2CAB	ⲛ 2CBB	ⲛ 2CCB	ⲛ 2CDB	ⲛ 2CEB	ⲛ 2CFB
C	Ⲅ 2C8C	ⲕ 2C9C	Ⲛ 2CAC	ⲛ 2CBC	ⲛ 2CCC	ⲛ 2CDC	ⲛ 2CEC	ⲛ 2CFC
D	Ⲅ 2C8D	ⲕ 2C9D	Ⲛ 2CAD	ⲛ 2CBD	ⲛ 2CCD	ⲛ 2CDD	ⲛ 2CED	ⲛ 2CFD
E	Ⲅ 2C8E	ⲕ 2C9E	Ⲛ 2CAE	ⲛ 2CBE	ⲛ 2CCE	ⲛ 2CDE	ⲛ 2CEE	ⲛ 2CFE
F	Ⲅ 2C8F	ⲕ 2C9F	Ⲛ 2CAF	ⲛ 2CBF	ⲛ 2CCF	ⲛ 2CDF	ⲛ 2CEF	ⲛ 2CFF

	FB0	FB1	FB2	FB3	FB4
0	ff FB00		ע FB20	א FB30	נ FB40
1	fi FB01		ז FB21	ב FB31	ס FB41
2	fi FB02		ד FB22	ג FB32	
3	ffi FB03	טו FB13	ה FB23	ה FB33	ף FB43
4	ffl FB04	טז FB14	כ FB24	ה FB34	פ FB44
5	ft FB05	טז FB15	ל FB25	ו FB35	
6	st FB06	טז FB16	ם FB26	ז FB36	צ FB46
7		טז FB17	ך FB27		ק FB47
8			ת FB28	ט FB38	ך FB48
9			ח FB29	י FB39	ש FB49
A			ש FB2A	ך FB3A	ת FB4A
B			ש FB2B	כ FB3B	ו FB4B
C			ש FB2C	ל FB3C	ב FB4C
D		י FB1D	ש FB2D		כ FB4D
E		י FB1E	א FB2E	מ FB3E	פ FB4E
F		י FB1F	א FB2F		ז FB4F

ISO/IEC JTC1/SC2/WG2 N3824-KATS  
Doc. #: Korea JTC1/SC2 K1892\_T4

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**Korea JTC1/SC2, Committee on Character Codes**

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Date: 2010.04.08

Status: National Body Position, Rep. of KOREA

Subject: Korea's comments on SC2 N4125, FCD Ballot on ISO/IEC 10646, 2ed.

[Technical comments]

Note to T01 to T03: These comments were accepted in disposition of comment for 2ed CD [SC2 N4079]; however, these changes have not been reflected in 2ed FCD.

- ROK requests that these changes be reflected this time.
- For example, [CD-KR.T8] indicates that the comment number was T8 in ROK comments for 2ed CD.

T01 [CD-KR.T8]. p. 368, right column, near bottom

[text in 2ed CD]

3164 HANGUL FILLER  
= cae om

[text in 2ed FCD]

3164 HANGUL FILLER  
= chae um

--->

[proposed text]

3164 HANGUL FILLER  
= chaeum

*[WG2 N3716, 2009-10-29, Disp .of Comments on SC2 N4079 (2ed CD)  
Partially accepted  
... The alias change is accepted.*

Rationale: The alias change was accepted; however, the new alias in 2ed FCD (N4125) is "chae um" (two words), NOT "chaeum" (one word).

Rep. of Korea suggested (and still suggests) a one-word alias "chaeum", since chaeum is one word in Korean and written without a space between "chae" and "um".



T02 [CD-KR. T9] p. 368, right column, near bottom

[text in 2ed CD and FCD] Archaic letters

—>

[proposed text] Old letters

*[WG2 N3716, 2009-10-29, Disp . of Comments on SC2 N4079 (2ed CD)  
Accepted*

Rationale: Since Hangul was invented in the 15th century, "old" seems better than "archaic". In Rep. of Korea, we use "old", not "archaic" to refer to these letters.

T03 [CD-KR. T13] p. 376, right column

[text in 2ed CD and FCD]

321E PARENTHEZIZED KOREAN CHARACTER O HU  
≈0028 ( 110B ○ 1169 ⊥ 1112 ≡ 116E ⊥ 0029 )

—>

[proposed change]

321E PARENTHEZIZED KOREAN CHARACTER O HU  
≈0028 ( 110B ○ 1169 ⊥ 1112 ≡ 116E ⊥ 0029 )  
\* preferred spelling for the name is ohu

*[WG2 N3716, 2009-10-29, Disp . of Comments on SC2 N4079 (2ed CD)  
A new annotation will be added:  
\* preferred spelling for the name is ohu*

Rationale: It is a one word as in the case of U321D.

[There is no T4]

T05 p. 20, 6.4 Naming of characters

[current text]

- c) follows the rule given in 24.5 for Chinese /Japanese/Korean (CJK) ideographs, or
- d) follows the rule given in 24.6 for Hangul syllables.

—>

[proposed text]

- c) follows the rule given in 24.6 for Chinese /Japanese/Korean (CJK) ideographs, or
- d) follows the rule given in 24.7 for Hangul syllables.

Rationale:

Section numbers 24.5 and 24.6 on p. 20 are wrong.

<i>24.6 Character names for CJK Ideographs .....</i>	<i>45</i>
<i>24.7 Character names for Hangul syllables .....</i>	<i>46</i>

T06. p. 39,

1) G\_G... —> G... (underscore deleted)

G\_GFHZB ZhongHua ZiHai (中华c字海), XianDai HanYu CiDian

([现]代汉c语]词c典), or Ci-Hai (辞海)

G\_GH Gudai Hanyu Cidian (古代汉语词典)

G\_GJZ Commercial Press Ideographs (商务印书馆用字)

2) G\_... (other than G\_G...)) --> G... (underscore deleted)

G\_4K Siku Quanshu (四庫全書)

G\_BK Chinese Encyclopedia (中國大百科全書)

G\_CH Ci Hai (辭海)

G\_CY Ci Yuan (辭源)

G\_CYY Chinese Academy of Surveying and Mapping Ideographs  
(中国测绘c科学院用字)

G\_FZ Founder Press System (方正排版系统c)

G\_HC Hanyu Dacidian (漢語大詞典)

G\_HZ Hanyu Dazidian ideographs (漢語大字典)

G\_IDC ID system of the Ministry of Public Security of China, 2009

G\_KX Kangxi Dictionary ideographs (康熙字典, 9th edition (1958)  
including the addendum (康熙字典, 補遺)

G\_XC Xiandai Hanyu Cidian (現代汉语词典)

G\_ZFY Hanyu Fangyan Dacidian (汉语方言大辞典)

G\_ZJW Yinzhou Jinwen Jicheng Yinde (殷周金文集成引得)

T07. pp. 40, 41 and 43; CJKU\_SR.txt and CJKC\_SR.txt

- Both J\_ARIB and JARIB are used. Need to use only one form.

Rationale: Examples showing J\_ARIB and JARIB:

1) CJKU\_SR.txt: 3 lines with JARIB (not J\_ARIB)

09FC4;75. 6;;;JARIB-754F;;;;;

09FC5;113. 13;;;JARIB-7621;;;;;

09FC6;113. 4;;;JARIB-757D;;;;;

2) CJKC\_SR.txt: 3 lines with J\_ARIB (not JARIB)

OFA6B;06075;;;J\_ARIB-7547;;;

OFA6C;242EE;;;J\_ARIB-7563;;;

OFA6D;08218;;;J\_ARIB-762B;;;

3) p. 40 (23. 1): J\_ARIB

4) p. 41 (23. 2): JARIB-hhhh

5) p. 43 (23. 4): JARIB-hhhh

T08. p. 40, right before 23.2

[current text]

NOTE 3 – Even if source references get updated, the source reference information is not updated. The updated source references may only identify characters not previously covered by the older version.

[suggested change]

1) Note 3 seems intended to apply only to UTC.

– However, in general, this note can be applied to other source references too. Will it be better to modify this note somehow to reflect it?

2) The wording could be improved:

Even if source references get updated, the source reference information is not updated.

—>

Even if source references get updated, the source reference information **covered by the older version** is not updated.

T09. p. 40, 23.2, radical, alternate radical

1) There seems no table (or definition) showing the actual radical for radical index #.

2) There seems no definition of alternate radical.

– Is an alternate radical a simplified radical corresponding to a traditional radical?

3) There seems no table (or definition) showing the alternate radical corresponding to regular (traditional?) radical.

T10. p. 41, G src

[current]	[proposed text]
(GBKddddd) -->	(GBKddddd) (six d's)
(GCHddddd) -->	(GCHddddd) (six d's)
(GHCddddd) -->	(GHCddddd) (six d's)
(GXCddddd) -->	(GXCddddd) (six d's)

T11. p. 41, Note 4. right above 23.3

[current text]

NOTE 4 – The original source references in the Hanja K4 source (PKS 5700–3:1998) are described using a single decimal index without section or position values. For better consistency with the other sources, those indexes have been converted into hexadecimal values in the source reference file. Unlike the other hexadecimal values, they do not decompose in section, position values.

-->

... Unlike K0 ~ K3 indexes, K4 and K5 indexes do not decompose in section, position values.

Rationale:

– K0 ~ K3 indexes decompose in section and position values. However, K4 and K5 indexes do not.

T12. p. 42, in Fig. 2, 4E17 incorrectly appears twice.

– Fig. 2 need to be replaced by the actual portion of CJKU table on p. 506

4E16	世 世 世 世	世
— 1.4	G3-4A40 T1-4560 J0-4024 K0-6126	V1-4A2F
4E17	卅 卅 卅	
— 1.3	GE-2124 T4-2155 J0-5242	
4E17	卅 卅 卅	
— 1.3	GE-2124 T4-2155 J0-5242	
4E18	丘 丘 丘 丘	丘
— 1.4	G3-4770 T1-4563 J0-3556 K0-4E78	V1-4A30

p. 42

Figure 2 – Source reference presentation for CJK UNIFIED IDEOGRAPHS

4E16	世 世 世 世	世
— 1.4	G0-4A40 T1-4560 J0-4024 K0-6126	V1-4A2F
4E17	卅 卅 卅	
— 1.3	GE-2124 T4-2155 J0-5242	
4E18	丘 丘 丘 丘	丘
— 1.4	G0-4770 T1-4563 J0-3556 K0-4E78	V1-4A30

p. 506

T13. p. 42, in Fig. 3,

- 1) a glyph for K3-2E2D is a square which is wrong;
- 2) to the right of 41DC, there should be 41EF, NOT 41EE.  
to the right of 41DD, there should be 41F0.

—> Fig. 3 need to be replaced by the actual portion of CJKU table on p. 506

41CB 𪔐 𪔐 𪔐	41DC 笄 笄 □	41EE 笄 笄 笄
立 117.6 GKX0871.06 T5-3446 JA-254A	竹 118.4 G3-634F T4-2E73 K3-2E2D	竹 118.6 G5-6334 T4-3975 JA-254D
41CC 竦 竦	41DD 笄 笄	笄
立 117.7 GKX0871.17 T3-3D8F	竹 118.4 G3-634A T4-2E72	V2-7F50

Figure 3 – Source reference presentation for CJK UNIFIED IDEOGRAPHS EXTENSION A

41C9 𪔐 𪔐	41DB 笄 笄 笄	41EE 笄 笄 笄
立 117.5 GHZ T3-3322	竹 118.4 GKX0879.12 T3-3329 V2-7F48	竹 118.6 G5-6334 T4-3975 JA-254D
41CA 𪔐 𪔐	笄	笄
立 117.5 JA-2549 H-8E55	H-8EFE	V2-7F50
41CB 𪔐 𪔐 𪔐	41DC 笄 笄 笄	41EF 笄 笄 笄
GKX0871.06 T5-3446 JA-254A	竹 118.4 G3-634F T4-2E73 K3-2E2D	竹 118.6 G5-632E T3-3D73 H-8E59
41CC 竦 竦	41DD 笄 笄	41F0 笄 笄
立 117.7 GKX0871.17 T3-3D8F	竹 118.4 G3-634A T4-2E72	竹 118.6 G3-6379 T4-396F

p. 450

T14. p. 43, in Fig. 4,

- 1) to the right of 2000F, there should be 20022, NOT 20021.
- 2) and so on ...

—> Fig. 4 need to be replaced by the actual portion of CJKU table on p. 1416.

2000F 屯 — 1.4 TF-213E	20021 𠄎 𠄎 — 1.6 GKX0078.12 T6-255F	20032 彡 — 1.7 V0-305F	20043 𠄎 𠄎 — 1.10 G_HZ T5-3323
20010 虫 — 1.4 TF-213F	𠄎 H-9C71	20033 𠄎 — 1.7 V2-6E25	20044 𠄎 — 1.10 V0-354B

Figure 4 – Source reference presentation for CJK UNIFIED IDEOGRAPHS EXTENSION B, C, and D

20009 𠄎 — 1.3 T5-2133	2001C 𠄎 — 1.5 GHZ	2002F 𠄎 □ 31.5 GHZ	20043 𠄎 𠄎 — 1.10 GHZ T5-3323
2000A 𠄎 — 1.3 GHZ	2001D 𠄎 卜 25.4 GHZ	20030 𠄎 — 1.7 GHZ	20044 𠄎 — 1.10 V0-354B
2000B 𠄎 𠄎 — 1.3 GHZ T3-2144	2001E 𠄎 — 1.5 GHZ	20031 𠄎 — 1.7 GHZ	20045 𠄎 — 1.10 GHZ
𠄎	2001F 𠄎 — 1.5 GHZ	20032 彡 — 1.7 V0-305F	20046 𠄎 𠄎 — 1.11 TF-3932 H-9376
2000C 𠄎 — 1.3 GHZ	20020 𠄎 𠄎 — 1.5 GHZ T6-2467	20033 𠄎 — 1.7 V2-6E25	20047 𠄎 — 1.11 TF-3933
2000D 𠄎 — 1.4 GKX0077.13	20021 𠄎 𠄎 — 1.6 GKX0078.12 T6-255F	20034 𠄎 — 1.7 V0-354A	20048 𠄎 𠄎 — 1.11 GHZ T6-472D
2000E 𠄎 — 1.4 G4K	𠄎 H-9C71	20035 𠄎 — 1.8 TF-2922	20049 𠄎 儿 16.10 GHZ
2000F 屯 — 1.4 TF-213E	20022 𠄎 𠄎 — 1.6 GKX0078.13 T5-232F	20036 𠄎 — 1.8 TF-2923	2004A 𠄎 — 1.11 GHZ
20010 虫 — 1.4 TF-213F	20023 𠄎 — 1.6 TF-2274	20037 𠄎 □ 30.6 GHZ	2004B 𠄎 — 1.11 TF-3873

[actual table on p. 1416]

T15. p. 43

– ROK suggests that section “23.5 Source reference presentation for CJK Compatibility Ideographs” be added so that the overall structure is well organized.

– 23.5 may have statements such as

. Although there may be more than one source reference for each glyph, only one representative glyph is shown for each code position.

. etc. ...

*23 Source references for CJK Ideographs*

*23.1 List of source references*

*23.2 Source references for CJK Unified Ideographs*

*23.3 Source reference presentation for CJK Unified Ideographs*

*23.4 Source references for CJK Compatibility Ideographs*

23.5 Source reference presentation for CJK Compatibility Ideographs

T16. pp. 46 ~ 47

T16.1 p. 46,

6) For each Hangul syllable, character short additional information is ... This **additional information** consists ...

—>

6) For each Hangul syllable character, a short annotation is ... This **annotation** consists of ...

T16.2 p. 47, in the title of Table 5 and in the column heading of Table 5:

– Additional information —> Annotation



T17. p. 263, Liter

U2113 ...

- the SI recommended symbol for liter is 006C l

...  
-->

U2113 ...

- the SI recommended symbol for liter is 006C l or 004C L

...

Rationale: ISO 1000 mentions that the two symbols for the litre (note: l and L) are on an equal footing.

INTERNATIONAL  
STANDARD

**ISO  
1000**

Third edition  
1992-11-01

Table 5 — Units used with the SI

Quantity	Unit		
	Name	Symbol	Definition
time	minute	min	1 min = 60 s
	hour	h	1 h = 60 min
	day	d	1 d = 24 h
plane angle	degree	°	1° = (π/180) rad
	minute	'	1' = (1/60)°
	second	"	1" = (1/60)'
volume	litre	l, l <sup>1)</sup>	1 l = 1 dm <sup>3</sup>
mass	tonne <sup>2)</sup>	t	1 t = 10 <sup>3</sup> kg

1) The two symbols for the litre are on an equal footing. The CIPM will, however, make a survey on the development of the use of the two symbols in order to see if one of the two may be suppressed.

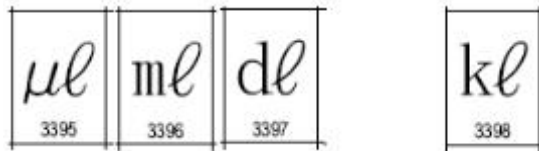
2) Also called the metric ton in the English language.

litre	l, L <sup>1)</sup>
-------	--------------------

T18. p. 380 (and p. 384): uL, mL, dL, kL

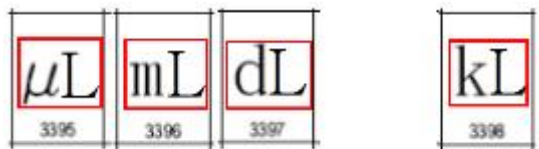
– ROK suggests that the script small L in glyphs of code positions U3395, U3396, U3397, and U3398 be changed to Latin capital L (U004C).

[current glyphs]



→

[proposed glyphs]



Rationale:

1) As mentioned in T17, SI recommended symbol is L (U0041) or l (U006C), NOT script small L (U2113).

2) Japan said that their national standards do not contain any of these four characters.

3) China and Taiwan said that their national standards probably do not contain any of these four characters.

4) These four characters are included in KS X 1001 (formerly KS C 5601) and it is explicitly mentioned that they stand for micro-liter, milli-liter, deci-liter, and kilo-liter, respectively.

5) Based on 1), 2), 3) and 4), when these four characters were included in ISO/IEC 10646-1:1993, it is quite certain that they came from KS X 1001.

6) ROK decided to change the glyphs of these four characters in KS X 1001:2010 so that they conform to SI. ROK decided to use capital L since small L could be easily confused with digit 1.

7) Considering these, ROK suggests that the glyphs of these four characters be changed as suggested above so that they conform to SI.

T19. p. 2067

[current text]

204 HANGUL FILL CHARACTERS 3164, FFA0

– ROK wonders why U115F HANGUL CHOSEONG FILLER and U1160 HANGUL JUNGSEONG FILLER are excluded from collection 204.

T20. p. 2106

[current text]

These guidelines do not apply to the names of CJK Ideographs and Hangul syllables which are formed using rules specified in clause 24.5 and 24.6 respectively.

—>

[proposed text]

These guidelines do not apply to the names of CJK Ideographs and Hangul syllables which are formed using rules specified in clause 24.6 and 24.7 respectively.

Rationale:

Section numbers 24.5 and 24.6 on p. 20 are wrong.

<i>24.6 Character names for CJK Ideographs .....</i>	<i>45</i>
<i>24.7 Character names for Hangul syllables .....</i>	<i>46</i>

T21. p. 2111, the first two lines

KS X 1001:2004 (formerly **KSC** 5601-1992) Korean Industrial Standards Association. Jeongbo gyohwan-yong buho (Code for Information Interchange(Hangeul and Hanja)).

—>

KS X 1001:2004 (formerly **KS C** 5601-1992) Korean Industrial Standards Association. Code for Information Interchange (Hangeul and Hanja) (Jeongbo gyohwanyong buhogye).

Rationale: ROK suggests this change to reflect the transliteration of the title of KS X 1001.

T22. p. 2129

[current text]

KS C 5601-1989, KS C 5657-1991

—>

[proposed change]

KS X 1001:2004 (previously KS C 5601-1989), KS X 1002:2001 (previously KS C 5657-1991)

Rationale: KS C has been changed to KS X.

T23. p. 2075, A. 4. 1 370 IICORE

- 4th field: Kanji J usage identifier (J1A), **in-formative.**
- 5th field: Hanzi H usage identifier (H1a), **in-formative.**

—>

- 4th field: Kanji J usage identifier (J1A), **informative.**
- 5th field: Hanzi H usage identifier (H1a), **informative.**

T24. p. 2128, S.1.4.2, line 6 from top:

[current text]

... the left-hand **document** going beneath ...

-->

[proposed change]

... the left-hand **component** going beneath ...

T25. p. 2129, the last line

[current text]

Basic Multilingual Plane.<sup>ㄟ</sup>

-->

a CJK component after the period should be deleted.

T26. p. 2135, the last row, third column, 670F 80D0

- "non-cognate" should be moved to the right of two CJK chars.

T27. CJKU\_SR.txt

- five (5) duplicate src. refs. GKX0000.00

line 29940 -- 20957;22.11;GKX0000.00;;;;;;;;;  
line 36233 -- 221EC;53.4;GKX0000.00;;;;;;;;;  
line 39802 -- 22FDD;66.11;GKX0000.00;;;;;;;;;  
line 47958 -- 24FB9;106.16;GKX0000.00;;;;;;;;;  
line 68823 -- 2A13A;196.11;GKX0000.00;;;;;;;;;

T28. CJKU\_SR.txt

- two (2) duplicate src. refs. GKX0809.20

line 27528 -- 09FC3;109.7;GKX0809.20;T4-3946;;;;;KP1-5E2B;;  
line 48450 -- 251A5;109.7;GKX0809.20;T5-3A45;;;;;KP1-5E2C;;

## T29. annotations

### T29.1 annotations for U31xx

[current text]

3131 ㄱ HANGUL LETTER KIYEOK

≈1100 ㄱ hangul choseong kiyeok

→

[proposed text]

3131 ㄱ HANGUL LETTER KIYEOK

• voiceless or voiced lenis velar plosive consonant

≈1100 ㄱ hangul choseong kiyeok

Rationale: As with U3181 or U3186, ROK suggests that annotations about the characteristics of phonemes for 50 letters in the range of U3131 ~ U318E be added.

– For a full list of 50 suggested annotations, see Appendix 1.

– Note. Annotations for U3181 and U3186 have been slightly changed to be consistent with annotations for other letters.

[text in 2ed CD and FCD]

3181 ㅇ HANGUL LETTER YESIEUNG

• archaic velar nasal

3186 ㆁ HANGUL LETTER YEORINHIEUH

• archaic glottal stop

→

[proposed change]

3181 ㅇ HANGUL LETTER YESIEUNG

• velar nasal consonant

3186 ㆁ HANGUL LETTER YEORINHIEUH

• glottal stop consonant

T29.2 annotations for tone marks: U302E and U302F

302E . HANGUL SINGLE DOT TONE MARK

= single dot Bangjeom

302F : HANGUL DOUBLE DOT TONE MARK

= double dot Bangjeom

—>

302E . HANGUL SINGLE DOT TONE MARK

• high level tone

= single dot Bangjeom

302F : HANGUL DOUBLE DOT TONE MARK

• low-rising tone

= double dot Bangjeom

\* \* \*

## T30. A suggested presentation format for CJKU main table

### T30.1 Background

- 1) Currently CJKU main table can have up to six glyphs for each row.
- 2) Since KP did not supply fonts, KP glyphs will not be printed in ISO/IEC 10646:2010, 2ed.
- 3) There are no MACau characters in CJKU main table.
- 4) There are only seven UTC characters in CJKU main table. Furthermore, there is no characters (glyphs) other than UTC's for these seven UCS code positions.

```
09FBC;32.14;;;;;;;;;UTC00836;  
09FBD;86.11;;;;;;;;;UTC00835;  
09FBE;107.8;;;;;;;;;UTC00837;  
09FBF;140.8;;;;;;;;;UTC00838;  
09FC0;140.18;;;;;;;;;UTC00839;  
09FC1;149.6;;;;;;;;;UTC00840;  
09FC2;159.11;;;;;;;;;UTC00841;
```

### T30.2 Problems and Objectives

1) Since each column does not start with Uxxxx0 or end with UxxxxF, in reviewing CJKU tables, we found that it is very inconvenient to find a specific code position in the table. Therefore, we have come to suggest a new format for CJKU main table.

2) Since many users will see the tables on display screen, a slight increase in number of pages due to this change seems tolerable.

3) For each sub-column (currently CJKU main table has two sub-columns), the starting code position is Uxxxx0 and the ending code position is UxxxxF as with ISO/IEC 10646:2003, 1st ed.



### T30.3 A suggested presentation format for CJKU main table

- 1) For each sub-column, the starting code position is Uxxxx0 and the ending code position is UxxxxF as with ISO/IEC 10646:2003, 1st ed.
- 2) As with 2ed CD, we put six characters in each row in the order of (G T J K V H).
  - The order can be finalized by WG2.
- 3) UTC characters (glyphs) will be printed in the third position (T position) as with 2ed. FCD.
  - Note that there are no characters (glyphs) other than UTC's for the seven UCS code positions where UTC glyph appears.
  - The position of UTC glyph can be finalized by WG2.

HEX	C	J	K	V
4E00 - 1.0	→	→	→	→
4E04 - 1.1	↓ GE-2121	↓ T3-2126	↓ J1-3022	
	↓ H-9EB3			
9FBC ± 32.14		壻 UTC00836		

ISO/IEC 10646, 2ed FCD, CJKU main table format  
- current format

HEX	C	J	K	V	H
4E00 - 1.0	→	→	→	→	
4E04 - 1.1	↓ GE-2121	↓ T3-2126	↓ J1-3022		↓ H-9EB3
9FBC ± 32.14		壻 UTC00836			

ISO/IEC 10646, 2ed FCD, CJKU main table  
- suggested format

\* \* \*

T31. p. 47, transliteration of Hangul

T31.1 A relevant portion of ISO/IEC 10646:2003, 1st ed. is shown below:

*// start of ISO/IEC 10646:2003, 1st ed.*

*28.3 Character names and annotations for Hangul syllables  
The corresponding Latin character strings are:*

*P, WI, BS.*

*The syllable-name is PWIBS, and the character name is:*

*HANGUL SYLLABLE PWIBS*

*For each Hangul syllable character a short annotation  
is defined. This annotation consists of an alternative  
transliteration of the Hangul syllable into Latin characters.*

*...*

*The corresponding Latin character strings are:*

*ph, wi, ps,*

*and the annotation is (phwips).*

*...*

#### **Annex P**

*(informative)*

*Additional information on characters*

*...*

*1100 HANGUL CHOSEONG KIYEOK ...*

*1112 HANGUL CHOSEONG HIEUH*

*The Latin letters shown in parenthesis after the  
names of the characters in the range 1100 to 1112  
(except 110B) are **transliterations of these Hangul  
characters. These transliterations are used in the  
construction of the names of the Hangul syllables**  
that are allocated in code positions AC00 to D7A3 in  
this International Standard.*

*11A8 HANGUL JONGSEONG KIYEOK ...*

*11C2 HANGUL JONGSEONG HIEUH*

*The Latin letters shown in parenthesis after the*

*names of the characters in the range 11A8 to 11C2 are transliterations of these Hangul characters. These transliterations are used in the construction of the names of the Hangul syllables that are allocated in code positions AC00 to D7A3 in this International Standard.*

*// end of ISO/IEC 10646:2003, 1st ed.*

T31.2 The information about Hangul transliteration in Annex P in ISO/IEC 10646:2003 (1st ed) is missing in 2ed. FCD.

T31.3 ROK suggests to insert the following notes between the bottom of Table 5 and the title of Section 25 on p. 47:

Note 1. The Latin letters shown in parenthesis after the names of the characters in the ranges 1100 to 1112 (except 110B) and 11A8 to 11C2 are transliterations of these Hangul characters. These Latin letters are the same as I and F strings in Syllable name elements of Table 5.

These transliterations are used in the construction of the names of the Hangul syllables that are allocated in code positions AC00 to D7A3 in this International Standard.



Note 2. I and F strings in Syllable name elements are based on Method I of ISO/TR 11941:1996 Information and documentation -- Transliteration of Korean script into Latin characters. I and F strings in Annotation elements are based on Method II of ISO/TR 11941. P strings in Syllable name elements and in Annotation elements are based on ISO/TR 11941.

ISO/TR 11941 is different from Revised Romanization of Korean script released on 4 July 2000 by the Ministry of Culture and Tourism, Republic of Korea.

\* \* \*

- T32. [CD-KR. T19, M55. 19] incorrectly mapped comptb. char KO-6766
- KO-6766 (sounds 'ye') <- U0F9B8 in CJKC\_SR.txt
  - R. O. Korea's requests: T32. 1 and T32. 2

KS C 5601:1987 (= KS X 1001), International Register 149 (<http://www.itscj.ipsj.or.jp/ISO-IR/149.pdf>)

	
71-70 0x6766 (=E7E6) 예 (ye)	54-43 0x564B (=D6CB) 례 (rye)

- T32.1 Delete 'KO-6766' entry in line 0F9B8 of CJKC\_SR.txt file.
- It means that R. O. Korea's KO-6766 cannot be mapped to U0F9B8.
  - It also means that there will be no reference for U0F9B8 and U0F9B8 char will become deprecated.

= CJKC\_SR.txt file

```
(current) 0F9B8;096B8;;;;KO-6766;;
-->
(new)      0F9B8;096B7;;;;;
```

- T32.2 Add a new compability character to UCS and
- add one line to CJKC\_SR.txt:
  - (Let's assume that the code position of newly added char is Uxxxx1.)

= CJKC\_SR.txt file

```
xxxx1;096B7;;;;KO-6766;;
```

T33.3 For detailed information, see WG2 N3747 (= IRG N1651, ROK K1847) A solution proposed by R. O. Korea for incorrectly mapped comptb. chars (RE: T19 and T20)

-----

- T33. [CD-KR.T20, M55.19] incorrectly mapped comptb. char KO-522B
- KO-522B (sounds 'nang') <- UOF92C in CJKC\_SR.txt
  - R. O. Korea's requests: T33.1 and T33.2

<http://www.itscj.ipsj.or.jp/ISO-IR/149.pdf>

TYPE: Multiple-byte Graphic Character Set	REGISTRATION NUMBER: 149
	DATE OF REGISTRATION: 1st Oct.1988
ORIGIN Korean Standard KS C 5601-1987	

행	1	2	3	4	5	6	7	8	9	10	11	12
(50)	納	臘	蠟	衲	囊	娘	廊	朗	浪	狼	郎	

KO 0x522B, (50-11: row-col), 0xD2AB, U+F92C  
 낭 NANG

	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45
(53)	纜	藍	藍	覽	拉	臘	廊	朗	浪	狼	琅	螂	郎		

KO 0x554D, (53-45: row-col), 0xD5CD, U+90DE  
 량 RANG

- T33.1 Delete 'KO-522B' entry in line 0F92C of CJKC\_SR.txt file.
- It means that R. O. Korea's KO-522B cannot be mapped to 0F92C.
  - It also means that there will be no reference for UOF92C and UOF92C char will become deprecated.

= CJKC\_SR.txt file  
 0F92C;090CE;;;KO-522B;;  
 ---->  
 0F92C;090DE;;;;;;;;;

- T33.2 Add a new compability character to UCS and
- add one line to CJKC\_SR.txt:
  - (Let's assume that the code position of newly added char is Uxxxx2.)

= CJKC\_SR.txt file  
 xxxx2;090DE;;;KO-522B;;

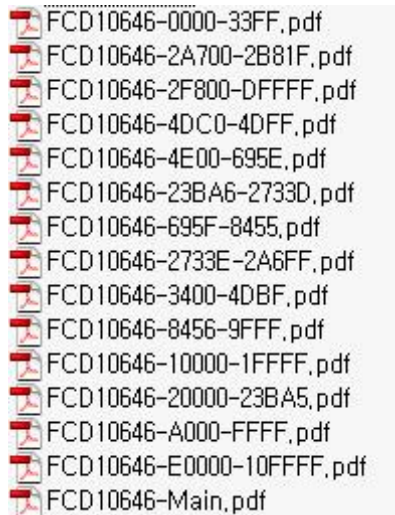
T33.3 For detailed information, see WG2 N3747 (= IRG N1651, ROK K1847) A solution proposed by R. O. Korea for incorrectly mapped comptb. chars (RE: T19 and T20)

\* \* \*

[editorial comments ]

E01. ROK suggests that PDF file names be changed so that the file names are sorted according to the order of code positions.

[current file names]



-->

[proposed change]



Appendix 1. A full list of suggested annotations for 50 letters in the range of U3131 ~ U318E

- 3131 ㄱ HANGUL LETTER KIYEOK  
• voiceless or voiced lenis velar plosive consonant
- 3132 ㅋ HANGUL LETTER SSANGKIYEOK  
• voiceless unaspirated glottalized velar plosive consonant
- 3134 ㄴ HANGUL LETTER NIEUN  
• alveolar nasal consonant
- 3137 ㄷ HANGUL LETTER TIKEUT  
• voiceless or voiced lenis alveolar plosive consonant
- 3138 ㄸ HANGUL LETTER SSANGTIKEUT  
• voiceless unaspirated glottalized alveolar plosive consonant
- 3139 ㄹ HANGUL LETTER RIEULL  
• alveolar lateral approximant or alveolar tap or flap consonant
- 3141 ㅁ HANGUL LETTER MIEUM  
• bilabial nasal consonant
- 3142 ㅂ HANGUL LETTER PIEUP  
• voiceless or voiced lenis bilabial plosive consonant
- 3143 ㅃ HANGUL LETTER SSANGPIEUP  
• voiceless unaspirated glottalized bilabial plosive consonant
- 3145 ㄷㄹ HANGUL LETTER SIOS  
• voiceless lenis alveolar fricative consonant
- 3146 ㄸㄹ HANGUL LETTER SSANGSIOS  
• voiceless unaspirated glottalized alveolar fricative consonant
- 3147 ㅇ HANGUL LETTER IEUNG  
• null sound as initial or velar nasal consonant as final
- 3148 ㅈ HANGUL LETTER CIEUC  
• voiceless or voiced lenis alveolar affricate consonant
- 3149 ㅉ HANGUL LETTER SSANGCIEUC  
• voiceless unaspirated glottalized alveolar affricate consonant

- 314A ㄸ HANGUL LETTER CHIEUCH  
 • voiceless aspirated alveolar affricate consonant
- 314B ㅃ HANGUL LETTER KHIEUKH  
 • voiceless aspirated velar plosive consonant
- 314C ㅌ HANGUL LETTER THIEUTH  
 • voiceless aspirated alveolar plosive consonant
- 314D ㅍ HANGUL LETTER PHIEUPH  
 • voiceless aspirated bilabial plosive consonant
- 314E ㅎ HANGUL LETTER HIEUH  
 • voiceless glottal fricative consonant
- 314F ㅏ HANGUL LETTER A  
 • unrounded open front/back vowel
- 3150 ㅓ HANGUL LETTER AE  
 • unrounded open-mid front vowel
- 3151 ㅑ HANGUL LETTER YA  
 • approximant plus unrounded open front or back vowel diphthong
- 3152 ㅕ HANGUL LETTER YAE  
 • palatal approximant plus open-mid front vowel diphthong
- 3153 ㅗ HANGUL LETTER EO  
 • unrounded open-mid back vowel
- 3154 ㅛ HANGUL LETTER E  
 • unrounded close-mid front vowel
- 3155 ㅜ HANGUL LETTER YEO  
 • palatal approximant plus unrounded open-mid back vowel diphthong
- 3156 ㅠ HANGUL LETTER YE  
 • palatal approximant plus unrounded close-mid front vowel diphthong
- 3157 ㅛ HANGUL LETTER O  
 • rounded close-mid back vowel
- 3158 ㅜㅏ HANGUL LETTER WA



- voiced labial-velar approximant plus unrounded open front/back vowel
- 3159 ㅘ HANGUL LETTER WAE
- voiced labial-velar approximant plus unrounded open-mid front vowel
- 315A ㅙ HANGUL LETTER OE
- voiced labial-velar approximant plus unrounded close-mid front vowel diphthong or rounded close-mid front vowel
- 315B ㅚ HANGUL LETTER YO
- palatal approximant plus rounded close-mid back vowel diphthong
- 315C ㅜ HANGUL LETTER U
- rounded close back vowel
- 315D ㅟ HANGUL LETTER WEO
- voiced labial-velar approximant plus unrounded open-mid back vowel diphthong
- 315E ㅞ HANGUL LETTER WE
- voiced labial-velar approximant plus unrounded close-mid front vowel diphthong
- 315F ㅝ HANGUL LETTER WI
- voiced labial-palatal approximant or voiced labial-velar approximant plus unrounded close front vowel diphthong or rounded close front vowel
- 3160 ㅠ HANGUL LETTER YU
- palatal approximant plus rounded close back vowel diphthong
- 3161 ㅡ HANGUL LETTER EU
- unrounded close central or back vowel
- 3162 ㅟ HANGUL LETTER YI
- unrounded velar approximant plus unrounded close front vowel diphthong
- 3163 ㅣ HANGUL LETTER I
- unrounded close front vowel
- 3171 ㅙ HANGUL LETTER KAPYEOUNMIEUM
- voiced labial-velar approximant
- 3178 ㅞ HANGUL LETTER KAPYEOUNPIEUP

- voiced bilabial fricative consonant

3179 병 HANGUL LETTER KAPYEOUNSSANGPIEUP

- voiceless labial-velar fricative consonant

317F △ HANGUL LETTER PANSIOS

- voiced alveolar fricative consonant

3180 ㅇ HANGUL LETTER SSANGIEUNG

- glottal tense before some approximants or vowels

3181 ㅇ HANGUL LETTER YESIEUNG

- velar nasal consonant

3184 풍 HANGUL LETTER KAPYEOUNPHIEUPH

- voiceless bilabial fricative consonant

3185 ㅎ HANGUL LETTER SSANGHIEUH

- voiceless glottalized velar fricative consonant

3186 ㆁ HANGUL LETTER YEORINHIEUH

- glottal stop consonant

318D ㅜ HANGUL LETTER ARAEA

- rounded open-mid back vowel

\* \* \*

Template for comments and secretariat observations Date:

	Document:
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1	2	(3)	4	5	(6)	(7)
MB <sup>1</sup>	Clause No./ Subclause No./ Annex (e.g. 3.1)	Paragraph/ Figure/Table/ Note (e.g. Table 1)	Type of comment <sup>2</sup>	Comment (justification for change) by the MB	Proposed change by the MB	Secretariat observations on each comment submitted
JP1 T	throughout the document		ed	See 6.6.7.2 in ISO/IEC Directives, Part 2.	Change almost all "ISO/IEC 10646" to "this International Standard" (with capital "I" and "S".), except for those appearing in the introductory texts in 4 Terms and definitions	
JP2 T	throughout the document		ge	See 6.6.5.4 in ISO/IEC Directives part 2.	Center the Figure title lines.	
JP3	Foreword	NOTE	ge	We understand that this NOTE is only for FCD text and will be disappear in FDIS text. This comment is only to make sure the change.	Remove the NOTE at the end of the Foreword	
JP4 3	Normative references		ed	See 6.2.2 in ISO/IEC Directives, Part 2.	Change the entire introductory paragraph to following:  The following referenced documents are indispensable for the application of this document. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.	
JP5	4 Terms and definitions	First paragraph	ed	See 6.3.1 and 6.6.7.2 in ISO/IEC Directives, Part 2.	Change "ISO/IEC 10646" to "this document".	
JP6	6.1 Structure	Figure 1	ed	In 10646, its plane numbers are denoted as two hexadecimal digits. See 5 for example.	Change "plane 0", "plane 1", "plane 2" and "plane 3" to "plane 00", "plane 01", "plane 02" and "plane 03" respectively.	
JP7	9.2 UTF-16	NOTE	ed	See 6.6.7.2 in ISO/IEC Directives, Part 2.	Change "this standard" to "this International Standard"	
JP8 12	12.1 Purpose and context of identification	First paragraph	ed	This paragraph gives background information of the identification mechanisms. The particular sentence is a general observation on technical necessity rather than the requirement of this standard.  Also see Annex H in ISO/IEC Directives, Part 2.	Change the word "must" in the second sentence to "should".	

1 MB = Member body (enter the ISO 3166 two-letter country code, e.g. CN for China; comments from the ISO/CS editing unit are identified by \*\*)

2 Type of comment: ge = general te = technical ed = editorial

NOTE Columns 1, 2, 4, 5 are compulsory.

1	2	(3)	4	5	(6)	(7)
MB <sup>1</sup>	Clause No./ Subclause No./ Annex (e.g. 3.1)	Paragraph/ Figure/Table/ Note (e.g. Table 1)	Type of com- ment <sup>2</sup>	Comment (justification for change) by the MB	Proposed change by the MB	Secretariat observations on each comment submitted
20.7	Combining Grapheme Joiner		ed	Ignoring the COMBINING GRAPHEME JOINER under the said condition is a mandatory process.	Change the word "should" in the second sentence to "shall".	
JP9	23.1 List of source references	Second paragraph	ed	"0 and 23.4" should be a mistake. After the arranging the texts, the subclause this sentence refers to became the clause it belongs. We need some re-wording.	Change "listed in 0 and 23.4" to "listed below in this clause."	
JP1 0	23.1 List of source references	JH in the list of J source (8th line on page 40)	te	The name "Hanyo-Denshi Program (汎用電子情報交換環境整備プログラム)" should not be followed by a year. [This comment is also included in those against FPDAM8]	Remove "2009".	
JP1 1	23.3.1 Source reference presentation for CJK UNIFIED IDEOGRAPH S block	Right half of Figure 2	ed	Although this is just an example, it should show a correct chart.	Remove a duplicate entry for 4E17.	
JP1 2	23.3.2 Source reference presentation for CJK UNIFIED IDEOGRAPH S EXTENSION A	Second paragraph	ed	The figure actually shows the entry 41DD, too.	Change "41CB-41CC, 41DC, and 41EE" to "41CB-41CC, 41DC-41DD, and 41EE".	

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JP1 3	23.3.2 Source reference presentation for CJK UNIFIED IDEOGRAPH S EXTENSION A	Figure 3	ed	Although this is just an example, it should show a correct chart.	Replace an open square glyph on the entry for 41DC with an appropriate K-source glyph.	
JP1 4	24.5 Name uniqueness		ed	This sentence is a requirement of this standard. (See Annex H in ISO/IEC Directives part 2.)	Change the word "must" to "shall".	
JP1 5	25 Named UCS Sequence Identifiers	Second list item after the third paragraph	ed	The current format of the "NUSI.txt" file uses a different syntax from 10646 itself to represent a UCS sequence identifier (USI). It is inappropriate. We should follow the syntax that the standard itself defines. (Japan believes Unicode Consortium to revise its UAX #34 to synchronize with 10646 after this change, although this opinion is not part of its ballot comment.) (Also see comments JP31 and JP32.)	Replace the entire list item for the second field with "2nd UCS sequence as defined in 6.6."	
JP1 6	25 Named UCS Sequence Identifiers	NOTE 3	ed	The list defined in UAX#34 is out-of-date at this moment. Japan understand it is yet another "UCS-Unicode synchronization of publishing date" issue, and considered that it is not wise to add yet more synchronization headache.	Remove NOTE 3 entirely.	
JP1 7	26 Structure of the Basic Multilingual Plane	Figure 6	ed	ISO/IEC Directives doesn't allow use of an asterisk to tie the note with the location in the figure to be noted.	Removes asterisks after "New Tai Lue" in the main figure and before "NOTE 1".	

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1 2	(3)	4	5	(6)	(7)	
MB <sup>1</sup>	Clause No./ Subclause No./ Annex (e.g. 3.1)	Paragraph/ Figure/Table/ Note (e.g. Table 1)	Type of comment <sup>2</sup>	Comment (justification for change) by the MB	Proposed change by the MB	Secretariat observations on each comment submitted
JP1 8	27 Structure of the Supplementary Multilingual Plane for scripts and symbols (SMP)	First paragraph	ed	In 10646, its plane numbers are denoted as two hexadecimal digits. See 5 for example.	Change "plane 1" to "plane 01".	
JP1 9	28 Structure of the Supplementary Ideographic Plane (SIP)	First paragraph	ed	In 10646, its plane numbers are denoted as two hexadecimal digits. See 5 for example.	Change "plane 2" to "plane 02".	
JP2 0	A new clause between 28 and 29		te	<p>The current FCD contains very few words on TIP. When discussing the organization of the document, it looks strange that only TIP has no clause titled "Structure of XX Plane".</p> <p>It seems to be a good idea in a maintenance view points, too. We WG 2 will add Oracle Bone or other old hanzi script in TIP in a future, and the amendment that adds Oracle Bone will have some text on allocation on TIP. Having this clause now will avoid the amendment to say "... and adjust clause numbers after it" when we add a clause on structure of TIP.</p>	<p>Insert the following text after clause 28. Renumber clauses that follow appropriately.</p> <p>29 Structure of Tertiary Ideographic Plane (TIP) The TIP (plane 03) is used for ancient ideographic scripts that are related to but not classified as CJK Unified Ideographs. All code points in TIP are undefined. NOTE - TIP may contain scripts such as Oracle Bone or Bronze in future editions of this International Standard.</p>	
JP2 1	29 Structure of the Supplementary Special-purpose Plane (SSP)	NOTEs	ed	This particular clause 29 has only one NOTE. (Another NOTE against Figure 9 should be counted separately. See 6.6.5.9 in ISO/IEC Directives part 2.)	Change "NOTE 2" to "NOTE"	

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MB <sup>1</sup>	Clause No./ Subclause No./ Annex (e.g. 3.1)	Paragraph/ Figure/Table/ Note (e.g. Table 1)	Type of comment <sup>2</sup>	Comment (justification for change) by the MB	Proposed change by the MB	Secretariat observations on each comment submitted
JP2 2	29 Structure of the Supplementary Special-purpose Plane (SSP)	NOTE to Figure 9	ed	Figure 9 has only one NOTE. (NOTEs against a clause text and a figure are counted separately. See 6.6.5.9 in ISO/IEC Directives part 2.)	Change "NOTE 3" to "NOTE".	
JP2 3	All code chart for CJK Unified Ideographs (including its extensions)		ge	The quality of the CJK ideographs' code chart included in the FCD text is low, and the IRG review work assigned by the last WG 2 meeting is going unsuccessfully. Japan is very much afraid of the possibility that the revised 10646 is published with a set of wrong code chart for CJK ideographs.	Revert the code chart for CJK UNIFIED IDEOGRAPHS block and its EXTENSION blocks to the ones used in the previous edition and amendments.	
JP2 4	Code chart for Kana Supplement (on page 1343)	Code chart and the name list	ed	The current representative glyph is inappropriate as we discussed and concluded in the last WG 2 meeting.	Replace the representative glyph for 1B00 (KATAKANA LETTER ARCHAIC E) with the following: 	
JP2 5	Annex C	Title	ed	In 10646, its plane numbers are denoted as two hexadecimal digits. See 5 for example.	Change "plane 1" to "plane 01".	
JP2 6	F.1.1 Last	paragraph for SOFT HYPHEN		This sentence is a recommendation to implementers and not a conformance requirement.	Change the word "must" to "should".	
JP2 7	F.7.3 Cancelling tag values	First paragraph	ed	This "must" indicates a very high possibility, and is not a requirement, permission, or recommendation. We should use an expression that is *not* reserved for the standard provision.	Change the word "must" to "most likely".	


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Template for comments and secretariat observations Date:

	Document:
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1 2	(3)	4	5	(6)	(7)	
MB <sup>1</sup>	Clause No./ Subclause No./ Annex (e.g. 3.1)	Paragraph/ Figure/Table/ Note (e.g. Table 1)	Type of comment <sup>2</sup>	Comment (justification for change) by the MB	Proposed change by the MB	Secretariat observations on each comment submitted
JP2 8	S.1.4.2 Different relative positions of components	The last ideographs at the end of the subclause	ed	The purpose of this presentation is to show yet another differences in actual shapes that are considered to have a same abstract shape. This particular case is taken from the difference in G and T glyphs, but the point is not there. The principle should equally be applied to any two glyphs regardless they are in a same source or different sources. Putting G, T, etc. here may mislead readers that the application of the policy depends on the source.	Remove G and T indication above glyphs.	
JP2 9	S.1.5 Differences of actual shapes	item i)	ed		Insert a middle dot between the first and second shapes.	
JP3 0	S.1.6 Source separation rule	last paragraph	ed		Remove a redundant  at the end.	
JP3 1	"NUSI.txt" file		te	The "NUSI.txt" file lucks those named UCS sequence identifiers (NUSIs) added by amendment 7. (The proposed addition assumes the current format. Japan wants the syntax in NUSI.txt to be changed, so be these additions, too. See the comment JP15.)	Add the following named UCS sequence identifiers (NUSIs) to NUSI.txt:  MODIFIER LETTER EXTRA-LOW EXTRAHIGH CONTOUR TONE BAR;02E9, 02E5 LATIN SMALL LETTER AE WITH GRAVE;00E6, 0300 LATIN SMALL LETTER OPEN O WITH GRAVE;0254, 0300 LATIN SMALL LETTER OPEN O WITH ACUTE;0254, 0301 LATIN SMALL LETTER TURNED V WITH GRAVE;028C, 0300 LATIN SMALL LETTER TURNED V WITH ACUTE;028C, 0301 LATIN SMALL LETTER SCHWA WITH GRAVE;0259, 0300 LATIN SMALL LETTER SCHWA WITH ACUTE;0259, 0301 LATIN SMALL LETTER HOOKED SCHWA WITH GRAVE;025A, 0300 LATIN SMALL LETTER HOOKED SCHWA WITH ACUTE;025A, 0301 HIRAGANA LETTER BIDAKUON NGA;304B, 309A HIRAGANA LETTER BIDAKUON NGI;304D, 309A HIRAGANA LETTER BIDAKUON NGU;304F, 309A HIRAGANA LETTER BIDAKUON NGE;3051, 309A HIRAGANA LETTER BIDAKUON NGO;3053, 309A KATAKANA LETTER BIDAKUON NGA;30AB, 309A KATAKANA LETTER BIDAKUON NGI;30AD, 309A KATAKANA LETTER BIDAKUON NGU;30AF, 309A KATAKANA LETTER BIDAKUON NGE;30B1, 309A KATAKANA LETTER BIDAKUON NGO;30B3, 309A KATAKANA LETTER AINU CE;30BB, 309A KATAKANA LETTER AINU TU;30C4, 309A KATAKANA LETTER AINU TO;30C8, 309A	

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JP3 2	"NUSI.txt" file		ed	An International Standard should follow the syntax defined in the International Standard itself. (See the comment JP15)	Update the second field of each line to use a syntax defined in 6.6 to represent a USI, e.g., "LATIN CAPITAL LETTER A WITH MACRON AND GRAVE;0100 0300" should read "LATIN CAPITAL LETTER A WITH MACRON AND GRAVE;<0100, 0300>".	

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**Template for comments and secretariat observations**

Date: 2010-04-05	Document: ISO/IEC FCD 10646: 2010
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1	2	(3)	4	5	(6)	(7)
MB <sup>1</sup>	Clause No./ Subclause No./ Annex (e.g. 3.1)	Paragraph/ Figure/Table/ Note (e.g. Table 1)	Type of comment <sup>2</sup>	Comment (justification for change) by the MB	Proposed change by the MB	Secretariat observations on each comment submitted
GB	16.1		ed	We suggest adding a note for 1680 OGHAM SPACE MARK indicating that Ogham fonts will typically represent this character with a visible glyph showing the central stemline, and it will only be represented by a blank glyph in a "stemless" style of font.	Add the following note: The character 1680 OGHAM SPACE MARK will typically be represented with a visible glyph showing the central stemline, and it will only be represented by a blank glyph in a "stemless" style of font.	
GB	24.2		te	The rules for character name formation should prohibit the use of a digit as the first character in a word (i.e. prohibit a digit after a space), as was the case in the previous edition of the standard (see note to Annex L Rule 1) and as is currently the case in the Unicode Standard (see Unicode 5.2 section 4.8 R2).	Change An entity name shall not contain two or more consecutive SPACE characters or consecutive HYPHEN-MINUS characters. to An entity name shall not contain two or more consecutive SPACE characters or consecutive HYPHEN-MINUS characters or a Digit preceded by a SPACE character.	
GB	30.3		ed	We suggesting adding annotations explaining the usage of characters used as medieval abbreviations and characters used in phonetic transcription in the Latin Extended-D block.	Add the following annotations to the code charts: U+A741 LATIN SMALL LETTER K WITH STROKE * abbreviation for Latin karta, kartula, kalendas, and for Old Norse konungr U+A743 LATIN SMALL LETTER K WITH DIAGONAL STROKE * abbreviation for Latin kalendas and karta U+A745 LATIN SMALL LETTER K WITH STROKE AND DIAGONAL STROKE * abbreviation for Latin karta(m) U+A749 LATIN SMALL LETTER L WITH HIGH STROKE	

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1	2	(3)	4	5	(6)	(7)
MB <sup>1</sup>	Clause No./ Subclause No./ Annex (e.g. 3.1)	Paragraph/ Figure/Table/ Note (e.g. Table 1)	Type of com- ment <sup>2</sup>	Comment (justification for change) by the MB	Proposed change by the MB	Secretariat observations on each comment submitted
					<p>* abbreviation for Latin el, ul, vel, for Norse eða, for Old English <i>oppe</i>, and for Irish <i>nó</i></p> <p>U+A74B LATIN SMALL LETTER O WITH LONG STROKE OVERLAY</p> <p>* abbreviation for Latin <i>obiit</i></p> <p>U+A751 LATIN SMALL LETTER P WITH STROKE THROUGH DESCENDER</p> <p>* abbreviation for Latin <i>per</i>, <i>par</i>, <i>por</i>, and for Cornish <i>pri-</i></p> <p>U+A753 LATIN SMALL LETTER P WITH FLOURISH</p> <p>* abbreviation for Latin <i>pro</i>, <i>por</i></p> <p>U+A755 LATIN SMALL LETTER P WITH SQUIRREL TAIL</p> <p>* abbreviation for Latin <i>prae</i></p> <p>U+A757 LATIN SMALL LETTER Q WITH STROKE THROUGH DESCENDER</p> <p>* abbreviation for Latin <i>quam</i>, <i>que</i>, <i>quan-</i>, <i>qui-</i>, and for Irish <i>ar</i></p> <p>U+A759 LATIN SMALL LETTER Q WITH DIAGONAL STROKE</p> <p>* abbreviation for Latin <i>quod</i>, <i>qui</i>, <i>que</i>, for Middle English <i>quop</i>, and for Irish <i>ar</i></p> <p>U+A75F LATIN SMALL LETTER V WITH DIAGONAL STROKE</p> <p>* abbreviation for Latin <i>uirgo</i>, and for Portuguese <i>ver-</i>, etc.</p> <p>U+A765 LATIN SMALL LETTER THORN WITH</p>	

1 **MB** = Member body (enter the ISO 3166 two-letter country code, e.g. CN for China; comments from the ISO/CS editing unit are identified by \*\*)

2 **Type of comment:** **ge** = general **te** = technical **ed** = editorial

**NOTE** Columns 1, 2, 4, 5 are compulsory.

Template for comments and secretariat observations

1	2	(3)	4	5	(6)	(7)
MB <sup>1</sup>	Clause No./ Subclause No./ Annex (e.g. 3.1)	Paragraph/ Figure/Table/ Note (e.g. Table 1)	Type of comment <sup>2</sup>	Comment (justification for change) by the MB	Proposed change by the MB	Secretariat observations on each comment submitted
					<p>STROKE</p> <p>* abbreviation for Old Norse þat, þess, þor-, þæt, and for Old English þæt</p> <p>* Old Norse glyph form has a horizontal stroke, whereas the Old English glyph form has a diagonal stroke</p> <p>U+A767 LATIN SMALL LETTER THORN WITH STROKE THROUGH DESCENDER</p> <p>* abbreviation for Old Norse þeim, þeir</p> <p>U+A77A LATIN SMALL LETTER INSULAR D</p> <p>* voiced dental spirant in obsolete Cornish and Welsh phonetic usage</p> <p>U+A77F LATIN SMALL LETTER TURNED INSULAR G</p> <p>* velar nasal in obsolete Cornish phonetic usage</p> <p>U+A781 LATIN SMALL LETTER TURNED L</p> <p>* voiced lateral spirant in obsolete Welsh phonetic usage</p> <p>U+A787 LATIN SMALL LETTER INSULAR T</p> <p>* voiceless dental fricative in obsolete Welsh phonetic usage</p>	

1 MB = Member body (enter the ISO 3166 two-letter country code, e.g. CN for China; comments from the ISO/CS editing unit are identified by \*\*)

2 Type of comment: ge = general te = technical ed = editorial

NOTE Columns 1, 2, 4, 5 are compulsory.

# **N3824-ANSI**

**INCITS/L2/10- 067**

**Date: February 5, 2010**

**Title: Comments accompanying the U.S. positive vote on ISO/IEC FCD 10646 (SC2 N4125)**

**Source: INCITS/L2**

**Action: Forward to INCITS**

The U.S. National Body is voting Yes with comments on the following SC2 ballot: SC2 N4125: CD 10646, Information technology -- Universal Coded Character Set (UCS).

## **Technical Comments**

### **T.1.**

The U.S. appreciates the difficulty of reviewing the CJK multi-column code charts, however we do not agree with resolution IRG M33.6 (third paragraph) and we do not want to revert to the single column format for any of the CJK blocks, including Extension B.

### **T.2.**

The U.S. requests the CJK compatibility ideographs code charts (both BMP and SIP) be presented in multi-column format. As most characters have only one or two sources, the organization adopted for Extension C would be appropriate.

### **T.3.**

The U.S. requests the following corrections be made to CJKU\_SR.txt, as referenced in IRG N1654:

(unless noted, 'add' and 'remove' instructions are coupled)

U+5807 add V1-652F

U+6176 replace V2-8C30 by V2-8C2F (unlike what IRG N1652 says, V2-8C2F was not part of U+8C30 source or any other char)

U+61A6 replace V2-8C31 by V2-8C30 (new)

U+61AA replace V2-8C32 by V2-8C31 (new)

U+61AE replace V2-8C33 by V2-8C32 (partially new, IRG N1652 incorrectly says that V2-8C33 was part of U+8C30 source)

U+61E2 replace V2-8C34 by V2-8C33

U+61E7 replace V2-8C35 by V2-8C34

U+61F2 replace V2-8C36 by V2-8C35

U+61FA replace V2-8C37 by V2-8C36

U+6258 replace V2-8C38 by V2-8C37

U+6259 replace V2-8C39 by V2-8C38

U+627A replace V2-8C3A by V2-8C39

U+627E replace V2-8C3B by V2-8C3A

U+627F replace V2-8C3C by V2-8C3B

U+6294 replace V2-8C3D by V2-8C3C

U+62A9 replace V2-8C3E by V2-8C3D  
U+62B1 replace V2-8C3F by V2-8C3E  
U+62B6 replace V2-8C40 by V2-8C3F  
U+62C4 replace V2-8C41 by V2-8C40  
U+62C5 replace V2-8C42 by V2-8C41  
U+62C6 replace V2-8C43 by V2-8C42  
U+62D0 replace V2-8C44 by V2-8C43  
U+62D1 replace V2-8C45 by V2-8C44  
U+62D4 remove V1-5669  
U+62DE add V2-8C45  
U+62E8 add V1-5669  
U+62FC replace V2-8C47 by V2-8C46 (V2-8C46 is a newly mapped V source)  
U+6303 replace V2-8C48 by V2-8C47  
U+630C replace V2-8C49 by V2-8C48  
U+6348 replace V2-8C4A by V2-8C49  
U+6350 add V2-8C4A  
U+6492 remove V1-575F  
U+6BBB add V1-5B47  
U+6BBC remove V1-5B47  
U+6BC0 remove V1-5B49  
U+6BC1 add V1-5B49  
U+7B04 add V1-6172  
U+7B53 remove V1-6172  
U+7E06 remove V3-3664 (not added elsewhere)  
U+837C stays at V1-6523 (IRG N1652 says to replace by V3-3739, but is not in mapping spreadsheet)  
U+83EB remove V1-652F  
U+8C30 unchanged (see notes for U+6176 and U+61AE)  
U+22B31 remove V2-7671 (not added elsewhere)  
U+26BEC remove V3-3739 (not added elsewhere, see note for U+837C)  
U+2ABAB add V1-575F

Editorial Comment

Annex L - Guideline 11 on page 2108 has the following text:

-->

In these cases the customary name reflecting the most general use is given to the character. The customary name may be followed in the list of characters of a particular standard by the name in parentheses which this character has in the script specified by this particular standard.

EXAMPLE

∩ UNDERTIE (Enotikon)

<--

The second sentence and the example should be changed to reflect the change away from parenthetical notation and correspond to the charts in the second edition. The chart / nameslist entry corresponding to the example at 203F has:

-->

203F ∩ UNDERTIE

= Greek enotikon

→ 2323 ∩ smile

<--