

WG2 N1995



JTC1/SC2/WG2/IRG

*Ideographic*

*Rapporteur*

*Group*

# CJK Unified Ideographs Extension B

Working Draft Version 2.0

**Ordered by**  
Kangxi Dictionary

1999.02.07.

Universal Multiple-Octet Coded Character Set  
UCS

ISO/IEC JTC1/SC2/WG2 N

ISO/IEC JTC1/SC2/WG2/IRG N 624

Date: 1999-02-07

Source: IRG - Ideographic Rapportuer Group

Title: **CJK Unified Ideographs Extension B**

Action: Discussion at WG2#36 for Inclusion into Plane 2

Status: 2nd<sup>t</sup> Working Draft

Distribution: WG2 and IRG Editors

1. The 2nd Working Draft of the CJK Unified Ideographs Extension B contains **40,771** Ideographs.
2. The **sources** of the 1<sup>st</sup> Working Draft for CJK Unified Ideographs Extension B are as follows:

- (1) Those Ideographs in Kangxi Dictionary 《康熙字典》, including the one in the Addendum of the Dictionary (《康熙字典》補遺), that have not been not encoded in UCS/ BMP;
- (2) Those Ideographs in Han Yu Da Zi Dian 《漢語大字典》 that have not been not encoded in UCS/ BMP; and
- (3) Ideographs from Hong Kong, Korea ,TCA and Vietnam are denoted as H, K, T and V.

H-source of Extension B: **866** Hanzi from  
Government Chinese Character Set (GCCS) and  
Industry Collection, Part A, B and C.

K-source of Extension B: **169** Hanja from  
PKS 5700-3 :1998


T-source of Extension B: **29,766** Hanzi from  
TCA-CNS 11643-1992/ 4th plane  
TCA-CNS 11643-1992/ 5th plane  
TCA-CNS 11643-1992/ 6th plane  
TCA-CNS 11643-1992/ 7th plane  
TCA-CNS 11643-1992/ 15th plane

V-source of Extension B: **4,050** ChuNam from  
TCVN 5773:1993  
VHN 01:1998  
VHN 02:1998

3. The order of the repertoire is based on Kangxi Dictionary.
4. The proposed UCS code is ranged from **0100** to **A042** in Plane 2.
5. The printing format of the Working Draft shows multiple glyphs specified in IRG 615R as IRG resolution M12.1. The IRG N615R is copied below:

Source : IRG  
 Meeting: Oracle, Belmont  
 Title : Format for Extension B

*The following format is to be used for the extension B (for both review and final printing). The main objectives of the format is to preserve the information and to minimize the resources needed.*

		Glyph 0	Glyph 1	Glyph 2
UCS code	Gn -XXXX Y			
SCJK V.n	Tn -XXXX Y			
KXI	Jn -XXXX Y			
HYD	Kn -XXXX Y			
DKW	Vn -XXXX Y			
DJW	Hn -XXXX Y			
others				

- The first column contains UCS code, SCJK s/n as well as the dictionary source information. The SCJK V.n is only included in the working documents for review. This SCJK number will be removed from the final publications.*
- Glyph 0 – The shapes used in traditional writing and is close to those in Kang Xi Dictionary  
 Glyph 1 – The shapes used in New Stroke style if any  
 Glyph 2 – A variant different from Glyph 0 and Glyph 1 if any.  
 Glyph(s) different from Glyph 0, 1 or 2, will be included in the annex.  
 If a country/region finds the Glyphs 0 and 1 are different from the desired one, it can request to define a variant in Glyph 2. If there are more than one country wanting to specify a variant in this column, a round robin approach will be used to assign this column to the countries/regions. Those variants that cannot be specified using glyph 2 will be specified in the annex. The rationale of this single overflow column is that there should be very few cases that a variant different from traditional and simplified shapes will be needed.*
- The second column contains the source IDs of national/regional standards. This column is informative.*

$[G|T|J|K|V|H] n - XXXX Y$

G - China  
 T - TCA  
 J - Japan

K - Korean  
 V - Vietnam  
 H - Hong Kong

*Additional lines can be added for other countries/regions such as USA.*

*n : Set number of the source character set*

*XXXX* : the source code in hexadecimal

*Y* – the glyph flag used for that country/region. Each source ID can have optional one glyph flag.

*(SP)* : no preference

0 : When national/region preference is Glyph0.

1 : When national/region preference is Glyph1.

2 : When national/region preference is Glyph2.

3 : When national/region preference is neither Glyph0, 1 nor 2 see annex for further details.

4. *The production of the working documents will be done by the editors. TCA will use the currently available fonts to fill the glyph column 0 which is based on traditional writing and is close enough to Kang Xi Dictionary. China will contribute to glyph column 1, the simplified style being used in Super CJK 4.0. For the data which Kang Xi Dictionary data is not available, Japan is encouraged to provide DKW data and Korea is expected to provide DJW data accordingly. Other countries/regions will contribute to the rest. It is desired but not required to fill every entry for each column, but there should be at least one in each row.*

Note : This version of Extension B is extracted from SuperCJK 5.0, which is the super set of CJK Unified Ideographs, CJK Unified Ideographs Extension A, and CJK Unified Ideographs Extension B. For better checking, it is recommended to refer to the SuperCJK version 5.0, IRG N623, dated on 1999.02.07.

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0100 00004 T5-2125 0075.060 10011.070	0 1 巳巳	010D 00033 0077.061 10012.060	0 卩	011A 00063 0078.101 10017.090	0 丙
0101 00009 0076.021 10004.020	0 专	010E 00038 0077.130 10014.040	0 卍	011B 00064 0078.101 10017.130	0 丕
0102 00010 0076.021 K-0001	0 了	010F 00043 T4-2156 0078.021	0 1 𠂇𠂇	011C 00065 0078.101 10017.150	0 𠂇
0103 00017 T6-212F 0076.140 10008.010	0 1 𠂇𠂇	0110 00044 TF-213E 0078.021	0 1 屯屯	011D 00068 0078.101 80007.030	0 𠂇
0104 00018 T6-212D 0076.141	0 1 工工	0111 00045 TF-213F 0078.021	0 1 虫虫	011E 00069 0078.101 80007.040	0 束
0105 00019 T6-212E 0076.141 10010.010	0 1 𠂇𠂇	0112 00047 0078.021 10016.020	0 𠂇	011F 00070 T6-2467 0078.101 10017.120	0 1 𠂇𠂇
0106 00020 0076.141 K-0002	0 𠂇	0113 00048 T6-222B 0078.021 10017.020	0 1 𠂇𠂇	0120 00072 T6-255F 0078.120 10021.050	0 1 𠂇𠂇
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0108 00027 T6-2143 0077.060 10012.030	0 1 𠂇𠂇	0115 00052 T5-214D 0078.021 10017.060	0 1 𠂇𠂇	0122 00074 T6-255E 0078.131	0 1 𠂇𠂇
0109 00028 T5-2133 0077.061	0 1 𠂇𠂇	0116 00053 0078.021 10017.070	0 互	0123 00075 TF-2274 0078.131	0 1 𠂇𠂇
010A 00029 0077.061 HA-0001	0 𠂇	0117 00058 T6-2340 0078.070 10552.080	0 1 𠂇𠂇	0124 00077 0078.131 10019.110	0 𠂇
010B 00031 0077.061 10012.020	0 𠂇	0118 00059 T6-233E 0078.080 10018.020	0 1 𠂇𠂇	0125 00078 T6-2567 0078.131 10019.130	0 1 𠂇𠂇
010C 00032 0077.061 10012.050	0 𠂇	0119 00060 T6-233F 0078.090 10019.090	0 1 𠂇𠂇	0126 00080 0078.131 10021.110	0 𠂇

0127 00081 0078.131 V0-354F	0 𠃉	0134 00096 0078.171 10025.090	0 𠃊	0141 00109 T5-3072 0078.180 10026.100	0 1 𠃋 𠃋
0128 00082 0078.131 V2-6E21	0 𠃌	0135 00097 0078.171 10025.120	0 𠃍	0142 00110 TF-4035 0078.181	0 1 𠃎 𠃎
0129 00085 T6-2937 0078.150 10024.040	0 1 𠃏 𠃏	0136 00098 0078.171 10026.010	0 𠃐	0143 00111 TF-3932 0078.181 HA-0713	0 1 𠃑 𠃑
012A 00086 T6-293A 0078.160 10022.020	0 1 𠃒 𠃒	0137 00099 0078.171 10026.050	0 𠃓	0144 00112 0078.181 HA-0003	0 𠃔
012B 00087 T6-2938 0078.170 10025.020	0 1 𠃕 𠃕	0138 00100 T6-2E56 0078.171 80007.050	0 1 𠃖 𠃖	0145 00113 TF-3933 0078.181	0 1 𠃗 𠃗
012C 00088 T6-2939 0078.171	0 1 𠃘 𠃘	0139 00101 0078.171 V0-305F	0 𠃙	0146 00114 TF-4D56 0078.181	0 1 𠃚 𠃚
012D 00089 TF-2922 0078.171	0 1 𠃛 𠃛	013A 00102 0078.171 V2-6E25	0 𠃜	0147 00115 T5-3323 0078.181 10026.080	0 1 𠃝 𠃝
012E 00090 TF-2923 0078.171	0 1 𠃞 𠃞	013B 00103 0078.171 V0-354A	0 𠃟	0148 00116 0078.181 10026.110	0 𠃠
012F 00091 0078.171 10024.030	0 𠃡	013C 00104 0078.171 V2-6E26	0 𠃢	0149 00117 0078.181 10026.140	0 𠃣
0130 00092 0078.171 10024.060	0 𠃤	013D 00105 0078.171 V0-354B	0 𠃥	014A 00118 0078.181 10026.190	0 𠃦
0131 00093 0078.171 10025.010	0 𠃧	013E 00106 0078.171 V2-6E27	0 𠃨	014B 00119 0078.181 80007.060	0 𠃩
0132 00094 0078.171 10025.070	0 𠃪	013F 00107 0078.171 V0-3F68	0 𠃫	014C 00120 0078.181 80007.070	0 𠃬
0133 00095 0078.171 10025.080	0 𠃭	0140 00108 0078.171 10025.100	0 𠃮	014D 00121 0078.181 80007.080	0 𠃯

A00C 68176 T5-7751 1537.180 74806.020 龔龔	A019 68199 T7-4D38 1538.031 龜龜	A026 68213 T5-732C 1538.120 74810.130 鈎鈎
A00D 68177 1537.181 VO-485F 龔	A01A 68200 T5-797B 1538.031 74771.070 龜龜	A027 68214 T5-732E 1538.130 74810.170 竈竈
A00E 68178 T7-5B44 1537.181 74805.100 龔龔	A01B 68201 T5-7752 1538.031 74810.180 龜龜	A028 68215 T7-574B 1538.140 74810.090 墮墮
A00F 68179 1537.181 74806.030 龔	A01C 68203 T5-6F65 1538.050 74810.030 鈎鈎	A029 68216 T5-732F 1538.150 74810.160 墮墮
A010 68180 1537.181 74806.050 龔	A01D 68204 T4-662B 1538.060 74810.040 鈎鈎	A02A 68217 T5-6B6A 1538.160 74809.060 龜龜
A011 68181 1537.181 74806.060 龔	A01E 68205 T5-6F67 1538.070 74810.010 墮墮	A02B 68219 T5-732D 1538.180 74810.110 竈竈
A012 68185 T5-7C51 1537.251 74806.100 龔龔 龔龔 龔龔 龔龔	A01F 68206 T5-6F66 1538.080 74810.070 龔龔	A02C 68220 T7-542A 1538.190 74810.120 龜龜
A013 68191 1537.260 74809.010 龜	A020 68207 T4-662C 1538.090 74810.080 龜龜	A02D 68223 T5-7B5E 1538.200 74810.200 鈎鈎
A014 68193 T7-3672 1538.011 74809.030 龜龜	A021 68208 T7-5273 1538.100 74810.060 燿燿	A02E 68224 T7-6129 1538.210 42641.070 龜龜
A015 68194 T7-3E74 1538.011 74809.050 龜龜	A022 68209 T7-5271 1538.101 龜龜	A02F 68225 T7-6442 1538.211 74810.190 竈竈
A016 68195 T7-4626 1538.020 42744.030 竈竈	A023 68210 TF-673E 1538.101 龜龜	A030 68226 T5-7B3A 1538.220 74810.210 竈竈
A017 68197 1538.031 74809.070 墮	A024 68211 T7-5272 1538.101 74810.050 竈竈	A031 68227 TF-6D2D 1538.221 竈竈
A018 68198 T7-5749 1538.031 74809.080 鈎鈎	A025 68212 1538.110 74810.150 龜	A032 68229 1538.231 龜 V2-8873

<p>A033 0 68230 路龜 1538.231 V3-3644</p>	<p>A040 0 68253 T7-6625 1 𩺰 𩺰 1538.420 42832.180</p>
<p>A034 0 68231 T5-7C42 1 𩺰 𩺰 1538.240 74810.230</p>	<p>A041 0 68254 T4-6E56 1 𩺰 𩺰 1538.430 74808.070</p>
<p>A035 0 68232 TF-2926 1 龟龟 1538.241</p>	<p>A042 0 68255 T7-664C 1 𩺰 𩺰 1538.440 74808.080</p>
<p>A036 0 68237 T5-7330 1 𩺰 𩺰 1538.280 74809.020</p>	
<p>A037 0 68241 T7-622B 1 𩺰 𩺰 1538.320 74807.080</p>	
<p>A038 0 68242 𩺰 1538.321 74807.060</p>	
<p>A039 0 68243 T7-622A 1 𩺰 𩺰 1538.321 74807.070</p>	
<p>A03A 0 68244 T5-7A64 1 𩺰 𩺰 1538.330 74808.030</p>	
<p>A03B 0 68245 T5-7A63 1 𩺰 𩺰 1538.340 74808.010</p>	
<p>A03C 0 68248 T7-634A 1 𩺰 𩺰 1538.370 74808.040</p>	
<p>A03D 0 68249 T7-6349 1 𩺰 𩺰 1538.380 74808.020</p>	
<p>A03E 0 68250 T5-7B3B 1 𩺰 𩺰 1538.390 32168.210</p>	
<p>A03F 0 68252 T4-6E47 1 𩺰 𩺰 1538.410 74808.060</p>	