

ISO
International Organization for Standardization
Organization Internationale de Normalisation

ISO/IEC JTC 1/SC 2/WG 2
Universal Multiple-Octet Coded Character Set
(UCS)

ISO/IEC JTC 1/SC 2/WG2 N 1182
23th March, 1995

Title:	Proposed to add 210 KangXi Radicals and 3 HANGZHOU Numbers in BMP for compatibility.
Source:	TCA
Status:	Liaison Contribution
Action:	For consideration by WG 2
Distribution:	ISO/IEC JTC 1/SC 2/WG 2

The proposed document is to request to add 210 KangXi Radicals and 3 HANGZHOU Numbers to make a two-way conversion between ISO/IEC 10646 and CNS 11643 Standards which has been used for a long time in Taiwan. In addition, the purpose of the proposal is also for making ISO 10646 conform to the descriptions of item 4 under Clause 7 of ISO/IEC 10646-1: "Compatibility characters are included in ISO/IEC 10646 primarily for compatibility with existing coded character sets to allow two-way code conversion without loss of information."

1. 210 KangXi Radicals

KangXi Radicals are widely used in Ideographic Characters. In most of the dictionaries, the Characters are sorted by radicals and data files are saved by use of radicals as an index key. In addition, the ideographs in the I-Zone of ISO/IEC 10646 are also encoded by radical sequence. Some people even take it as an import method to key in the data of Ideographic Characters. Thus, for satisfying the application requirements as mentioned, CNS 11643-1986 intentionally encodes the radicals at the Symbol Area in a continuous sequence (shown as Attachment 1). Nevertheless, CNS 11643 also includes those radicals in Ideographic Character Sets when the radicals are ideographic proper (i.e. 木, 口, 月, 龍). Under such circumstances, each of the ideographic proper will need to have two code positions to signify two different meanings. One is for Radical Index; the other is for Ideograph.

Presently, though 214 radicals are encoded in ISO/IEC 10646-1, each of the radicals simply has one code position, which cannot attain to the function of round-trip conversion with CNS-11643 applied in Taiwan (shown as Attachment 2), and it is also inconsistent with the descriptions of item 4 under Clause 7 of ISO/IEC 10646-1. Therefore, TCA requests to add all those 210 Radicals being unable to make two-way conversion into the CJK Compatibility Ideographs Zone of BMP. Perhaps WG2 may also consider to include all the 214 radicals in A-Zone to encompass a broader functionality.

2.3 HANGZHOU Numbers

At Row 30 of BMP, nine HANGZHOU numbers from 丨 (one) to 乂 (nine) are included. However, the actually used numbers are 12. They are "十 (ten)", "廿(twenty)" and "卅 (thirty)" in addition to the nine numbers. Since all these three numbers are also Ideographic Characters, therefore each of them has two code positions in CNS 11643. Nevertheless, they have only one code position in ISO/IEC 10646-1, which encounter the same problem of two-way conversion as the above radicals do. Therefore, TCA requests WG2 to consider of encoding these three numbers into ISO 10646 for compatibility.

ISO/IEC JTC 1/SC 2/WG 2
PROPOSAL SUMMARY FORM
TO ACCOMPANY SUBMISSIONS
FOR ADDITIONS TO THE REPERTOIRE OF ISO/IEC 10646¹

A. Administrative

1. Requester's name: TCA

2. Requester type (Member body/Liaison/Individual contribution):
Liaison Contribution

3. Submission date: 1995-03-23

4. Requester's reference (if applicable): JTC1/SC2/WG2 N810

5. (Choose one of the following:)

This is a complete proposal: YES ; or,
More information will be provided later:

1. (Choose one of the following):

a. This proposal is for a new script (set of characters): NO
Proposed name of script: _____

b. The proposal is for addition of character(s) to an existing block?: YES
Name of the existing block: *CJK Compatibility Ideographs*

2. Number of characters in proposal: 210

3. Proposed category per SC 2/WG 2 N1116: A

4. Proposed Level of Implementation (1, 2, 3 or ?): 1
Is a rationale provided for the choice? NO
If Yes, reference: _____

5. Is a repertoire including character names provided?: NOT NEED

a. If YES, are the names in accordance with the 'character naming guidelines' in Annex K of ISO/IEC 10646-1? _____

b. Are the character shapes legible? YES

6. Who will provide the appropriate computerized font for publishing the standard?
TCA
If available now, identify source(s) for the font:
III (Institute for Information Industry), Taiwan

ISO/IEC JTC 1/SC 2 WG 2 N 1116 Principles and Procedures for Allocation of
N810B.DOC/1995-01-27 New Characters and Scripts (N 946 rev)

7. References:

- a. Are references (to other character sets, dictionaries, descriptive texts etc.)
provided: YES, CNS 11643
- b. Are published examples (such as samples from newspapers, magazines, or
other sources) of use of proposed characters attached? NO

C. Technical - Justification

1. Information on the user community for the proposed characters (for example: size,
demographics, information technology use, or publishing use) is included.: _____
Reference: _____
2. The context of use for the proposed characters (type of use; common or rare) is
included. COMMON
Reference: _____
3. Are the proposed characters in current use by the user community? YES
If YES, where? Reference: Worldwide
4. After giving due considerations to the principles in N 1116 must the proposed
characters be entirely in the BMP? YES
If YES, is a rationale provided? YES
If YES, reference: for compatibility with existing coded character sets
5. Should the proposed characters be kept together in a contiguous range (rather than
being scattered)? YES
6. Can any of the proposed characters be considered a presentation form of an existing
character or character sequence? YES
If YES, is a rationale for its inclusion provided? YES
If YES, reference: for compatibility with existing coded character sets
7. Can any of the proposed character(s) be considered to be similar (in appearance or
function) to an existing character? _____
If YES, is a rationale for its inclusion provided? _____
If YES, reference: _____
8. Does the proposal include use of composite sequences? 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? NO
If YES, reference: _____

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

1. Relevant SC 2/WG 2 document numbers:

2. Status (list of meeting number and corresponding action or disposition):

===== END OF PROPOSAL SUMMARY INFORMATION =====

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MAPPING TABLE OF KANGXI RADICAL PROPER
BETWEEN CNS 11643 AND ISO 10646-1

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Glyph	CNS Code (Source Code in Hexidecimal)	Corresponding UCS code	Remark
二	1-2721 1-4421	None 4E00	***1
丨	1-2722 E-2121	None 4E28	***2
丶	1-2723 E-2122	None 4E36	***3
丿	1-2724 E-2123	None 4E3F	***4
乙	1-2725 1-4422	None 4E59	***5
乚	1-2726 E-2124	None 4E85	***6
三	1-2727 1-4428	None 4E8C	***7
乚	1-2728	4EA0	
人	1-2729 1-4429	None 4EBA	***8
儿	1-272A 1-442A	None 513F	***9
入	1-272B 1-442B	None 5165	***10
八	1-272C 1-442C	None 516B	***11
冂	1-272D E-2127	None 5182	***12
冂	1-272E E-2128	None 5196	***13
乚	1-272F	51AB	
几	1-2730 1-442D	None 51E0	***14
口	1-2731 2-2123	None 51F5	***15

***: The character is proposed to be added in BHP for Compatibility.

Glyph	CNS Code (Source Code in Hexidecimal)	Corresponding UCS code	Remark
刀	1-2732 1-442E	None 5200	***16
力	1-2733 1-4430	None 529B	***17
勹	1-2734	52F9	
匕	1-2735 1-4431	None 5315	***18
匚	1-2736 2-2124	None 531A	***19
匚	1-2737 E-2129	None 5338	***20
十	1-2738 1-4432	None 5341	***21
卜	1-2739 1-4433	None 535C	***22
冂	1-273A E-212A	None 5369	***23
凵	1-273B 2-2125	None 5382	***24
厶	1-273C 3-212B	None 53B6	***25
又	1-273D 1-4434	None 53C8	***26
口	1-273E 1-4447	None 53E3	***27
口	1-273F 2-212A	None 56D7	***28
圭	1-2740 1-4448	None 571F	***29
圭	1-2741 1-4449	None 58EB	***30
夂	1-2742 E-2139	None 5902	***31
夂	E-213A	590A	
夕	1-2743 1-444A	None 5915	***32

***: The character is proposed to be added in BHP for Compatibility.

Glyph	CNS Code (Source Code in Hexidecimal)	Corresponding UCS code	Remark
大	1-2744 1-444B	None 5927	***33
女	1-2745 1-444C	None 5973	***34
子	1-2746 1-444D	None 5B50	***35
二	1-2747 E-213B	None 5B80	***36
寸	1-2748 1-4450	None 5BF8	***37
小	1-2749 1-4451	None 5C0F	***38
无	1-274A 1-4452	None 5C22	***39
尸	1-274B 1-4453	None 5C38	***40
屮	1-274C 2-212B	None 5C6E	***41
山	1-274D 1-4454	None 5C71	***42
𠂇	1-274E E-213C	None 5DDB	***43
王	1-274F 1-4456	None 5DE5	***44
巳	1-2750 1-4457	None 5DF1	***45
巾	1-2751 1-445A	None 5DFE	***46
干	1-2752 1-445B	None 5E72	***47
彡	1-2753 E-213D	None 5E7A	***48
厂	1-2754 E-213E	None 5E7F	***49
乚	1-2755 E-213F	None 5EF4	***50

***: The character is proposed to be added in BMP for Compatibility.

Glyph	CNS Code (Source Code in Hexidecimal)	Corresponding UCS code	Remark
升	1-2756 1-445C	None 5EFE	***51
弋	1-2757 1-445D	None 5F0B	***52
弓	1-2758 1-445E	None 5F13	***53
厶	1-2759 E-2140	None 5F50	***54
彡	1-275A E-2142	None 5F61	***55
彳	1-275B 2-212C	None 5F73	***56
心	1-275C 1-4540	None 5FC3	***57
戈	1-275D 1-4541	None 6208	***58
戶	1-275E 1-4542	None 6236	***59
手	1-275F 1-4543	None 624B	***60
攴	1-2760 1-4545	None 652F	***61
攴	1-2761 E-2167	None 6534	***62
文	1-2762 1-4546	None 6587	***63
斗	1-2763 1-4547	None 6597	***64
斤	1-2764 1-4548	None 65A4	***65
方	1-2765 1-4549	None 65B9	***66
无	1-2766 E-2169	None 65E0	***67
日	1-2767 1-454A	None 65E5	***68

***: The character is proposed to be added in BMP for Compatibility.

Glyph	CNS Code (Source Code in Hexidecimal)	Corresponding UCS code	Remark
目	1-2768	None	***69
目	1-454B	66F0	
月	1-2769	None	***70
月	1-454C	6708	
木	1-276A	None	***71
木	1-454D	6728	
欠	1-276B	None	***72
欠	1-454E	6B20	
止	1-276C	None	***73
止	1-454F	6B62	
歹	1-276D	None	***74
歹	1-4550	6B79	
爻	1-276E	None	***75
爻	2-213F	6BB3	
母	1-276F	None	***76
母	1-4551	6BCB	
比	1-2770	None	***77
比	1-4552	6BD4	
毛	1-2771	None	***78
毛	1-4553	6BDB	
氏	1-2772	None	***79
氏	1-4554	6C0F	
气	1-2773	None	***80
气	2-2141	6C14	
水	1-2774	None	***81
水	1-4555	6C34	
火	1-2775	None	***82
火	1-4556	706B	
爪	1-2776	None	***83
爪	1-4557	722A	
父	1-2777	None	***84
父	1-4558	7236	
爻	1-2778	None	***85
爻	1-4559	723B	
片	1-2779	None	***86
片	2-2142	723F	
片	1-277A	None	***87
片	1-455A	7247	

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Glyph	CNS Code (Source Code in Hexidecimal)	Corresponding UCS code	Remark
牙	1-277B 1-455B	None 7259	***88
牛	1-277C 1-455C	None 725B	***89
犬	1-277D 1-455D	None 72AC	***90
玄	1-277E 1-4668	None 7384	***91
玉	1-2821 1-4669	None 7389	***92
瓜	1-2822 1-466A	None 74DC	***93
瓦	1-2823 1-466B	None 74E6	***94
甘	1-2824 1-466C	None 7518	***95
生	1-2825 1-466D	None 751F	***96
用	1-2826 1-466E	None 7528	***97
田	1-2827 1-4670	None 7530	***98
疋	1-2828 1-4674	None 758B	***99
厂	1-2829 E-225B	None 7592	***100
夬	1-282A E-225C	None 7676	***101
白	1-282B 1-4675	None 767D	***102
皮	1-282C 1-4676	None 76AE	***103
皿	1-282D 1-4677	None 76BF	***104
目	1-282E 1-4678	None 76EE	***105
矛	1-282F 1-4679	None 77DB	***106

***: The character is proposed to be added in BMP for Compatibility.

Glyph	CNS Code (Source Code in Hexidecimal)	Corresponding UCS code	Remark
矢	1-2830	None	***107
矢	1-467A	77E2	
石	1-2831	None	***108
石	1-467B	77F3	
示	1-2832	None	***109
示	1-467C	793A	
内	1-2833	None	***110
内	2-2167	79B8	
禾	1-2834	None	***111
禾	1-467D	79BE	
穴	1-2835	None	***112
穴	1-467E	7A74	
立	1-2836	None	***113
立	1-4721	7ACB	
竹	1-2837	None	***114
竹	1-484C	7AF9	
米	1-2838	None	***115
米	1-484D	7C73	
糸	1-2839	None	***116
糸	1-484E	7CF8	
缶	1-283A	None	***117
缶	1-484F	7F36	
网	1-283B	None	***118
网	2-2269	7F51	
羊	1-283C	None	***119
羊	1-4850	7F8A	
羽	1-283D	None	***120
羽	1-4851	7FBD	
老	1-283E	None	***121
老	1-4852	8001	
而	1-283F	None	***122
而	1-4854	800C	
耒	1-2840	None	***123
耒	1-4855	8012	
耳	1-2841	None	***124
耳	1-4856	8033	
聿	1-2842	None	***125
聿	1-4857	807F	

***: The character is proposed to be added in BMP for Compatibility.

Glyph	CNS Code (Source Code in Hexidecimal)	Corresponding UCS code	Remark
肉	1-2843 1-4858	None 8089	***126
臣	1-2844 1-485B	None 81E3	***127
自	1-2845 1-485C	None 81EA	***128
至	1-2846 1-485D	None 81F3	***129
白	1-2847 1-485E	None 81FC	***130
舌	1-2848 1-485F	None 820C	***131
舛	1-2849 1-4860	None 821B	***132
舟	1-284A 1-4861	None 821F	***133
艮	1-284B 1-4862	None 826E	***134
色	1-284C 1-4863	None 8272	***135
艸	1-284D 2-226A	None 8278	***136
虎	1-284E 2-226F	None 864D	***137
虫	1-284F 1-4865	None 866B	***138
血	1-2850 1-4866	None 8840	***139
行	1-2851 1-4867	None 884C	***140
衣	1-2852 1-4868	None 8863	***141
西	1-2853 2-2270	None 897E	***142
見	1-2854 1-4B44	None 898B	***143
角	1-2855 1-4B45	None 89D2	***144

***: The character is proposed to be added in BMP for Compatibility.

Glyph	CNS Code (Source Code in Hexidecimal)	Corresponding UCS code	Remark
言	1-2856 1-4B46	None 8A00	***145
谷	1-2857 1-4B47	None 8C37	***146
豆	1-2858 1-4B48	None 8C46	***147
豕	1-2859 1-4B49	None 8C55	***148
豸	1-285A 2-2524	None 8C78	***149
貝	1-285B 1-4B4A	None 8C9D	***150
赤	1-285C 1-4B4B	None 8D64	***151
走	1-285D 1-4B4C	None 8D70	***152
足	1-285E 1-4B4D	None 8DB3	***153
身	1-285F 1-4B4E	None 8EAB	***154
車	1-2860 1-4B4F	None 8ECA	***155
辛	1-2861 1-4B50	None 8F9B	***156
辰	1-2862 1-4B51	None 8FB0	***157
彡	1-2863 E-272F	None 8FB5	***158
邑	1-2864 1-4B57	None 9091	***159
酉	1-2865 1-4B5C	None 9149	***160
采	1-2866 1-4B5D	None 91C6	***161
里	1-2867 1-4B5E	None 91CC	***162
金	1-2868 1-4F5A	None 91D1	***163

***: The character is proposed to be added in BMP for Compatibility.

Glyph	CNS Code (Source Code in Hexidecimal)	Corresponding UCS code	Remark
長	1-2869	None	***164
長	1-4F5B	9577	
門	1-286A	None	***165
門	1-4F5C	9580	
阜	1-286B	None	***166
阜	1-4F5D	961C	
隶	1-286C	None	***167
隶	E-2A7D	96B6	
隹	1-286D	None	***168
隹	1-4F63	96B9	
雨	1-286E	None	***169
雨	1-4F64	96E8	
青	1-286F	None	***170
青	1-4F65	9752	
非	1-2870	None	***171
非	1-4F66	975E	
面	1-2871	None	***172
面	1-5372	9762	
革	1-2872	None	***173
革	1-5373	9769	
韋	1-2873	None	***174
韋	1-5374	97CB	
韭	1-2874	None	***175
韭	1-5375	97ED	
音	1-2875	None	***176
音	1-5376	97F3	
頁	1-2876	None	***177
頁	1-5377	9801	
風	1-2877	None	***178
風	1-5378	98A8	
飛	1-2878	None	***179
飛	1-5379	98DB	
食	1-2879	None	***180
食	1-537A	98DF	
首	1-287A	None	***181
首	1-537B	9996	
香	1-287B	None	***182
香	1-537C	9999	

***: The character is proposed to be added in BMP for Compatibility.

Glyph	CNS Code (Source Code in Hexidecimal)	Corresponding UCS code	Remark
馬	1-287C 1-586B	None 99AC	***183
骨	1-287D 1-586C	None 9AA8	***184
高	1-287E 1-586D	None 9AD8	***185
影	1-2921 2-334C	None 9ADF	***186
門	1-2922 1-586E	None 9B25	***187
醫	1-2923 2-334D	None 9B2F	***188
高	1-2924 1-586F	None 9B32	***189
鬼	1-2925 1-5870	None 9B3C	***190
魚	1-2926 1-5E23	None 9B5A	***191
鳥	1-2927 1-5E24	None 9CE5	***192
鹵	1-2928 1-5E25	None 9E75	***193
鹿	1-2929 1-5E26	None 9E7F	***194
麥	1-292A 1-5E27	None 9EA5	***195
麻	1-292B 1-5E28	None 9EBB	***196
黃	1-292C 1-6327	None 9EC3	***197
黍	1-292D 1-6328	None 9ECD	***198
黑	1-292E 1-6329	None 9ED1	***199
耑	1-292F 2-4155	None 9EF9	***200

***: The character is proposed to be added in BHP for Compatibility.

Glyph	CNS Code (Source Code in Hexidecimal)	Corresponding UCS code	Remark
𪛗	1-2930 2-4875	None 9EFD	***201
𪛘	1-2931 1-676F	None 9F0E	***202
𪛙	1-2932 1-6770	None 9F13	***203
𪛚	1-2933 1-6771	None 9F20	***204
𪛛	1-2934 1-6B7C	None 9F3B	***205
𪛜	1-2935 1-6B7D	None 9F4A	***206
𪛝	1-2936 1-702F	None 9F52	***207
𪛞	1-2937 1-733E	None 9F8D	***208
𪛟	1-2938 1-733F	None 9F9C	***209
𪛠	1-2939 2-6142	None 9FA0	***210

***: The character is proposed to be added in BMP for Compatibility.

THE CODE TABLE OF KANGXI RADICALS ON CNS 11643 i - 3

交換 碼	字 型	筆 畫	部 首	部 首	交換 碼	字 型	筆 畫	部 首	部 首	交換 碼	字 型	筆 畫	部 首	部 首	交換 碼	字 型	筆 畫	部 首	部 首
2477	Γ				2541	τ				2569	—				2723	ノ			
2478	Δ				2542	υ				256A	×				2724	ノ			
2479	E				2543	φ				256B	⊏				2725	乙			
247A	Z				2544	χ				256C	·				2726	⊏			
247B	H				2545	ψ				256D					2727	二			
247C	Θ				2546	ω				256E	✓				2728	一			
247D	I				2547	ς				256F	✓				2729	人			
247E	K				2548	κ				2570	、				272A	儿			
2521	Λ				2549	Π				2621	①				272B	入			
2522	M				254A	⊏				2622	②				272C	八			
2523	N				254B	⊏				2623	③				272D	冂			
2524	Ξ				254C	⊏				2624	④				272E	冂			
2525	O				254D	⊏				2625	⑤				272F	ノ			
2526	Π				254E	⊏				2626	⑥				2730	凡			
2527	P				254F	⊏				2627	⑦				2731	冂			
2528	Σ				2550	⊏				2628	⑧				2732	刀			
2529	T				2551	厂				2629	⑨				2733	力			
252A	T				2552	⊏				262A	⊏				2734	⊏			
252B	Φ				2553	⊏				262B	(1)				2735	匕			
252C	X				2554	⊏				262C	(2)				2736	⊏			
252D	Ψ				2555	⊏				262D	(3)				2737	⊏			
252E	Ω				2556	⊏				262E	(4)				2738	十			
252F	α				2557	尸				262F	(5)				2739	卜			
2530	β				2558	冂				2630	(6)				273A	冂			
2531	γ				2559	冂				2631	(7)				273B	厂			
2532	δ				255A	⊏				2632	(8)				273C	厶			
2533	ε				255B	厶				2633	(9)				273D	又			
2534	ζ				255C	Y				2634	(10)				273E	口			
2535	η				255D	乙				2635	i				273F	口			
2536	θ				255E	乙				2636	ii				2740	土			
2537	ι				255F	世				2637	iii				2741	士			
2538	κ				2560	𠂇				2638	iv				2742	夕			
2539	λ				2561	ノ				2639	v				2743	夕			
253A	μ				2562	ノ				263A	vi				2744	大			
253B	ν				2563	又				263B	vii				2745	女			
253C	ξ				2564	𠂇				263C	viii				2746	子			
253D	ο				2565	ノ				263D	ix				2747	一			
253E	π				2566	𠂇				263E	x				2748	寸			
253F	ρ				2567	ノ				2721	—				2749	小			
2540	σ				2568	儿				2722					274A	尢			

CNS 11643, X 5012

THE CODE TABLE OF KANGXI RADICALS ON CNS 11643

1 - 4

交換 碼	字 型	筆 畫	部 首	部 首	交換 碼	字 型	筆 畫	部 首	部 首	交換 碼	字 型	筆 畫	部 首	部 首	交換 碼	字 型	筆 畫	部 首	部 首
274B	尸				2773	气				283D	羽				2865	酉			
274C	中				2774	水				283E	老				2866	采			
274D	山				2775	火				283F	而				2867	里			
274E	《				2776	爪				2840	耒				2868	金			
274F	工				2777	父				2841	耳				2869	長			
2750	己				2778	爻				2842	聿				286A	門			
2751	巾				2779	片				2843	肉				286B	阜			
2752	干				277A	片				2844	臣				286C	隸			
2753	幺				277B	牙				2845	自				286D	隹			
2754	广				277C	牛				2846	至				286E	雨			
2755	乚				277D	犬				2847	白				286F	青			
2756	升				277E	玄				2848	舌				2870	非			
2757	弋				2821	玉				2849	舛				2871	面			
2758	弓				2822	瓜				284A	舟				2872	革			
2759	彡				2823	瓦				284B	艮				2873	韋			
275A	彡				2824	甘				284C	色				2874	韭			
275B	彡				2825	生				284D	艸				2875	音			
275C	心				2826	用				284E	尸				2876	頁			
275D	戈				2827	田				284F	虫				2877	風			
275E	戶				2828	疋				2850	血				2878	飛			
275F	手				2829	疒				2851	行				2879	食			
2760	支				282A	𠂔				2852	衣				287A	首			
2761	支				282B	白				2853	西				287B	香			
2762	文				282C	皮				2854	見				287C	馬			
2763	斗				282D	皿				2855	角				287D	骨			
2764	斤				282E	目				2856	言				287E	高			
2765	方				282F	矛				2857	谷				2921	髟			
2766	无				2830	矢				2858	豆				2922	鬥			
2767	日				2831	石				2859	豕				2923	豎			
2768	日				2832	示				285A	豸				2924	鬲			
2769	月				2833	内				285B	貝				2925	鬼			
276A	木				2834	禾				285C	赤				2926	魚			
276B	欠				2835	穴				285D	走				2927	鳥			
276C	止				2836	立				285E	足				2928	齒			
276D	歹				2837	竹				285F	身				2929	鹿			
276E	殳				2838	米				2860	車				292A	麥			
276F	母				2839	糸				2861	辛				292B	麻			
2770	比				283A	缶				2862	辰				292C	黃			
2771	毛				283B	网				2863	走				292D	黍			
2772	氏				283C	羊				2864	邑				292E	黑			

THE CODE TABLE OF KANGXI RADICALS ON CNS 11643 1 - 5

交換 碼	字 型	筆 畫	部 首	部 首	交換 碼	字 型	筆 畫	部 首	部 首
292F	𠂔				423E	𠂔			
2930	𠂔				423F	𠂔			
2931	𠂔				4240	𠂔			
2932	𠂔				4241	𠂔			
2933	𠂔								
2934	𠂔								
2935	𠂔								
2936	𠂔								
2937	𠂔								
2938	𠂔								
2939	𠂔								
4221	𠂔								
4222	𠂔								
4223	𠂔								
4224	𠂔								
4225	𠂔								
4226	𠂔								
4227	𠂔								
4228	𠂔								
4229	𠂔								
422A	𠂔								
422B	𠂔								
422C	𠂔								
422D	𠂔								
422E	𠂔								
422F	SO								
4230	SI								
4231	𠂔								
4232	𠂔								
4233	𠂔								
4234	𠂔								
4235	𠂔								
4236	𠂔								
4237	𠂔								
4238	𠂔								
4239	𠂔								
423A	EM								
423B	SM								
423C	ES								
423D	𠂔								

Attachment 2.

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

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

A. Administrative

1. Requester's name: TCA
2. Requester type (Member body/Liaison/Individual contribution):
Liaison Contribution
3. Submission date: 1995-03-23
4. Requester's reference (if applicable): No
5. (Choose one of the following):
This is a complete proposal: YES; or,
More information will be provided later: _____

B. Technical - General

1. (Choose one of the following):
- a. This proposal is for a new script (set of characters): NO
Proposed name of script: HANGZHOU Number
- b. The proposal is for addition of character(s) to an existing block?: YES
Name of the existing block: CJK SYMBOLS (ROW 30)
2. Number of characters in proposal: 3
3. Proposed category per SC 2/WG 2 N1116: A
4. Proposed Level of Implementation (1, 2, 3 or ?): 1
Is a rationale provided for the choice? NO
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 legible? YES
6. Who will provide the appropriate computerized font for publishing the standard?
TCA
If available now, identify source(s) for the font:
III (Institute for Information Industry), Taiwan

7. References:

- a. Are references (to other character sets, dictionaries, descriptive texts etc.) provided: YES, (CNS 11643)
- b. Are published examples (such as samples from newspapers, magazines, or other sources) of use of proposed characters attached? NO

C. Technical - Justification

1. Information on the user community for the proposed characters (for example: size, demographics, information technology use, or publishing use) is included.: _____
Reference: _____
2. The context of use for the proposed characters (type of use; common or rare) is included. Common
Reference: _____
3. Are the proposed characters in current use by the user community? YES
If YES, where? Reference: Worldwide
4. After giving due considerations to the principles in N 1116 must the proposed characters be entirely in the BMP? YES
If YES, is a rationale provided? YES
If YES, reference: for compatibility with existing coded character sets
5. Should the proposed characters be kept together in a contiguous range (rather than being scattered)? YES
6. Can any of the proposed characters be considered a presentation form of an existing character or character sequence? YES
If YES, is a rationale for its inclusion provided? YES
If YES, reference: for compatibility with existing coded character sets
7. Can any of the proposed character(s) be considered to be similar (in appearance or function) to an existing character? _____
If YES, is a rationale for its inclusion provided? _____
If YES, reference: _____
8. Does the proposal include use of composite sequences? 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? NO
If YES, reference: _____

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

1. Relevant SC 2/WG 2 document numbers: _____
2. Status (list of meeting number and corresponding action or disposition): _____

===== END OF PROPOSAL SUMMARY INFORMATION =====

MAPPING TABLE OF HANGZHOU NUMBER (十,廿,卅)
BETWEEN CNS 11643 AND ISO 10646-1

Glyph	CNS Code (Source Code in Hexidecimal)	Corresponding UCS code	Character Name	Remark
十	1-243E	None	HANGZHOU NUMBER TEN	***1
十	1-4432	5341		
廿	1-243F	None	HANGZHOU NUMBER TWENTY	***2
廿	E-2138	5344		
卅	1-2440	None	HANGZHOU NUMBER THIRTY	***3
卅	1-452B	5345		

***: The character is proposed to be added in BMP for Compatibility.

THE CODE TABLE OF HANGZHOU NUMBERS ON CNS 11643 1 - 2

交換 碼	字 型	筆 畫	部 首	交換 碼	字 型	筆 畫	部 首	交換 碼	字 型	筆 畫	部 首	交換 碼	字 型	筆 畫	部 首
2263	\$			232D	I			2427	6			244F	O		
2264	≡			232E	■			2428	7			2450	P		
2265	⊥			232F	■			2429	8			2451	Q		
2266	⊙			2330	■			242A	9			2452	R		
2267	£			2331	■			242B	I			2453	S		
2268	%			2332	■			242C	II			2454	T		
2269	@			2333	+			242D	III			2455	U		
226A	°			2334	⊥			242E	IV			2456	V		
226B	F			2335	⊥			242F	V			2457	W		
226C	s			2336	⊥			2430	VI			2458	X		
226D	%			2337	⊥			2431	VII			2459	Y		
226E	°			2338	—			2432	VIII			245A	Z		
226F	ml			2339	—			2433	IX			245B	a		
2270	mm			233A				2434	X			245C	b		
2271	cm			233B				2435	I			245D	c		
2272	km			233C	┐			2436	II			245E	d		
2273	KM			233D	┐			2437	III			245F	e		
2274	m°			233E	┐			2438	X			2460	f		
2275	mg			233F	┐			2439	8			2461	g		
2276	kg			2340	┐			243A	+			2462	h		
2277	°			2341	┐			243B	±			2463	i		
2278	°			2342	┐			243C	±			2464	j		
2279	尅			2343	┐			243D	文			2465	k		
227A	尅			2344	二			243E	+			2466	l		
227B	尅			2345	⊥			243F	廿			2467	m		
227C	尅			2346	⊥			2440	卅			2468	n		
227D	尅			2347	⊥			2441	A			2469	o		
227E	尅			2348	▲			2442	B			246A	p		
2321	腎			2349	▲			2443	C			246B	q		
2322	胚			234A	▲			2444	D			246C	r		
2323	根			234B	▲			2445	E			246D	s		
2324	—			234C	／			2446	F			246E	t		
2325	—			234D	／			2447	G			246F	u		
2326	—			234E	X			2448	H			2470	v		
2327	■			2421	0			2449	I			2471	w		
2328	■			2422	1			244A	J			2472	x		
2329	■			2423	2			244B	K			2473	y		
232A	■			2424	3			244C	L			2474	z		
232B	■			2425	4			244D	M			2475	A		
232C				2426	5			244E	N			2475	B		

Attachment 1.

ISO/IEC JTC 1/SC 2/WG 2 PROPOSAL SUMMARY FORM TO ACCOMPANY SUBMISSIONS FOR ADDITIONS TO THE REPERTOIRE OF ISO/IEC 10646¹

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

A. Administrative

1. Requester's name:	<u>TCA</u>
2. Requester type (Member body/Liaison/Individual contribution):	<u>Liaison Contribution</u>
3. Submission date:	<u>1995-03-23</u>
4. Requester's reference (if applicable):	<u>JTC1/SC2/WG2 N810</u>
5. (Choose one of the following:)	
This is a complete proposal:	<u>YES</u> ; or,
More information will be provided later:	<u> </u>

B. Technical - General

1. (Choose one of the following:)	
a. This proposal is for a new script (set of characters):	<u>NO</u>
Proposed name of script:	<u> </u>
b. The proposal is for addition of character(s) to an existing block?:	<u>YES</u>
Name of the existing block:	<u>CJK Compatibility Ideographs</u>
2. Number of characters in proposal:	<u>210</u>
3. Proposed category per SC 2/WG 2 N1116:	<u>A</u>
4. Proposed Level of Implementation (1, 2, 3 or ?):	<u>1</u>
Is a rationale provided for the choice?	<u>NO</u>
If Yes, reference:	<u> </u>
5. Is a repertoire including character names provided?:	<u>NOT NEED</u>
a. If YES, are the names in accordance with the 'character naming guidelines' in Annex K of ISO/IEC 10646-1?	<u> </u>
b. Are the character shapes legible?	<u>YES</u>
6. Who will provide the appropriate computerized font for publishing the standard?	<u>TCA</u>
If available now, identify source(s) for the font:	<u>III (Institute for Information Industry), Taiwan</u>
	<u> </u>
	<u> </u>

¹ (Form number: N-1116-F designed at the San Francisco, WG 2 meeting 26, on 1994-10-14; Revised 1995-01-27)