

Universal Multiple-Octet Coded Character Set International Organization for Standardization

Doc Type: ISO/IEC JTC1/SC2/WG2/IRG

Title: Proposal for IRG Working Set 2017 from UTC

Source: The Unicode Consortium

Status: Liaison Contribution

Action: For consideration by IRG

Date: 2017-09-06

Per IRG #48 [Recommendation M48.11](#), this Unicode Consortium submission for IRG Working Set 2017 includes a total of 193 characters, and consists of the following six parts:

IRG N2233: This document, which includes a table of the proposed characters and their source references on pp 3 through 6, China's SJ/T 11239-2001 standard on pp 7 through 21, and the two-page proposal summary form from the IRG P&P on pp 22 and 23

IRGN2233.UTC.2017.sub.193.attributes.xlsx.zip ([download link](#)—58KB): A zipped Excel file that includes all of the required attributes for the 193 characters in this submission

IRGN2233.UTC.2017.sub.193.bitmaps.zip ([download link](#)—492KB): A ZIP file containing 193 128×128 bitmap (BMP) images, one for each character

IRGN2233.UTC.2017.sub.193.evidence.zip ([download link](#)—50.4MB): A ZIP file containing 227 evidence files in JPEG, PDF, or PNG format for the 193 characters in this submission

UTCHan-IRGN2233.otf (PDF attachment): A CID-keyed OpenType/CFF font that includes the representative glyphs for the 193 characters in this submission

UTCHan-IRGN2233-mapping.txt (PDF attachment): A mapping file for the CID-keyed OpenType/CFF font that specifies the source reference, code point (PUA), and CID for the 193 characters in this submission

Note that the two PDF attachments can be extracted by opening this PDF file using Adobe Acrobat, which will reveal the attachments in the Attachments panel.

Inclusion Rationale

The characters in this submission are not from any one particular repertoire, and instead come from various sources, most of which correspond to place names in China. The table below lists the U-Source source references for the 193 characters in this submission, along with the

source documents that were submitted to the UTC (if any), whose characters were accepted by the UTC for inclusion in [UAX #45](#) (*U-Source Ideographs*):

Source References	Source Documents
UTC-00118, UTC-00315 & UTC-00790	N/A
UTC-01159, UTC-01162	L2/12-333
UTC-01258, UTC-01307 & UTC-01311	L2/15-177R
UTC-02970	L2/16-066
UTC-02972	L2/16-269
UTC-02973 & UTC-02974	L2/16-239R
UTC-02975	L2/16-385R
UTC-02976 & UTC-02977	L2/17-079
UTC-02978	L2/17-083
UTC-02979	L2/17-099
UTC-02980	L2/17-111
UTC-02981-UTC-03057, UTC-03059-UTC-03075 & UTC-03077-UTC-03080	L2/17-062
UTC-03081-UTC-03131 & UTC-03133-UTC-03158	L2/17-204

Some of the characters in this submission are new additions to UAX #45, such as UTC-02970 and above, and some have been in UAX #45 for some time and now have better or new evidence.

Proposed Disunifications

Three of the characters in this submission—UTC-01159 (𪛗), UTC-01162 (𪛘 𪛗), and UTC-02972 (𪛙 𪛘)—represent proposed disunifications for U+753E 畺 (U+2F936), U+7DC7 緇 (U+2F96E), and U+226D4 慄 (U+2F8A4), respectively, and sufficient evidence for disunification is provided.

Relationship With SJ/T 11239-2001

Please take note that 82 of the 193 characters in this submission are included in China’s SJ/T 11239-2001 standard, whose mappings are specified in the “SJ/T 11239-2001” column of the attached attributes file. Pages 7 through 21 of this document include the pages of the SJ/T 11239-2001 standard with the 82 characters annotated with the corresponding U-Source source references.

That is all.

Source Reference	Glyph
UTC-00118	戩
UTC-00315	覩
UTC-00790	攬
UTC-01159	畚
UTC-01162	緇
UTC-01258	炆
UTC-01307	鉞
UTC-01311	鯤
UTC-02970	蹠
UTC-02972	悚
UTC-02973	偉
UTC-02974	窳
UTC-02975	蝻
UTC-02976	徃
UTC-02977	徂
UTC-02978	鸞
UTC-02979	煤
UTC-02980	苧

Source Reference	Glyph
UTC-02981	屮
UTC-02982	碍
UTC-02983	垓
UTC-02984	桐
UTC-02985	簪
UTC-02986	畎
UTC-02987	胤
UTC-02988	籛
UTC-02989	鰲
UTC-02990	坳
UTC-02991	坳
UTC-02992	壑
UTC-02993	稟
UTC-02994	迭
UTC-02995	蟹
UTC-02996	圉
UTC-02997	圩
UTC-02998	籊

Source Reference	Glyph
UTC-02999	礨
UTC-03000	垓
UTC-03001	銜
UTC-03002	涂
UTC-03003	湊
UTC-03004	晒
UTC-03005	纒
UTC-03006	迓
UTC-03007	凼
UTC-03008	筐
UTC-03009	邨
UTC-03010	邗
UTC-03011	坤
UTC-03012	弄
UTC-03013	籊
UTC-03014	埜
UTC-03015	坊
UTC-03016	塢

Source Reference	Glyph
UTC-03017	𪗇
UTC-03018	𪗈
UTC-03019	𪗉
UTC-03020	𪗊
UTC-03021	𪗋
UTC-03022	𪗌
UTC-03023	𪗍
UTC-03024	𪗎
UTC-03025	𪗏
UTC-03026	𪗐
UTC-03027	𪗑
UTC-03028	𪗒
UTC-03029	𪗓
UTC-03030	𪗔
UTC-03031	𪗕
UTC-03032	𪗖
UTC-03033	𪗗
UTC-03034	𪗘

Source Reference	Glyph
UTC-03035	𪗙
UTC-03036	𪗚
UTC-03037	𪗛
UTC-03038	𪗜
UTC-03039	𪗝
UTC-03040	𪗞
UTC-03041	𪗟
UTC-03042	𪗠
UTC-03043	𪗡
UTC-03044	𪗢
UTC-03045	𪗣
UTC-03046	𪗤
UTC-03047	𪗥
UTC-03048	𪗦
UTC-03049	𪗧
UTC-03050	𪗨
UTC-03051	𪗩
UTC-03052	𪗪

Source Reference	Glyph
UTC-03053	𪗫
UTC-03054	𪗬
UTC-03055	𪗭
UTC-03056	𪗮
UTC-03057	𪗯
UTC-03059	𪗱
UTC-03060	𪗲
UTC-03061	𪗳
UTC-03062	𪗴
UTC-03063	𪗵
UTC-03064	𪗶
UTC-03065	𪗷
UTC-03066	𪗸
UTC-03067	𪗹
UTC-03068	𪗺
UTC-03069	𪗻
UTC-03070	𪗼
UTC-03071	𪗽

Source Reference	Glyph
UTC-03072	𪛗
UTC-03073	𪛘
UTC-03074	𪛙
UTC-03075	𪛚
UTC-03077	𪛛
UTC-03078	𪛜
UTC-03079	𪛝
UTC-03080	𪛞
UTC-03081	𪛟
UTC-03082	𪛠
UTC-03083	𪛡
UTC-03084	𪛢
UTC-03085	𪛣
UTC-03086	𪛤
UTC-03087	𪛥
UTC-03088	𪛦
UTC-03089	𪛧
UTC-03090	𪛨

Source Reference	Glyph
UTC-03091	𪛩
UTC-03092	𪛪
UTC-03093	𪛫
UTC-03094	𪛬
UTC-03095	𪛭
UTC-03096	𪛮
UTC-03097	𪛯
UTC-03098	𪛰
UTC-03099	𪛱
UTC-03100	𪛲
UTC-03101	𪛳
UTC-03102	𪛴
UTC-03103	𪛵
UTC-03104	𪛶
UTC-03105	𪛷
UTC-03106	𪛸
UTC-03107	𪛹
UTC-03108	𪛺

Source Reference	Glyph
UTC-03109	𪛻
UTC-03110	𪛼
UTC-03111	𪛽
UTC-03112	𪛾
UTC-03113	𪛿
UTC-03114	𪜀
UTC-03115	𪜁
UTC-03116	𪜂
UTC-03117	𪜃
UTC-03118	𪜄
UTC-03119	𪜅
UTC-03120	𪜆
UTC-03121	𪜇
UTC-03122	𪜈
UTC-03123	𪜉
UTC-03124	𪜊
UTC-03125	𪜋
UTC-03126	𪜌

Source Reference	Glyph
UTC-03127	猜
UTC-03128	諷
UTC-03129	顥
UTC-03130	褻
UTC-03131	醜
UTC-03133	敞
UTC-03134	邊
UTC-03135	近
UTC-03136	迨
UTC-03137	蹉
UTC-03138	跟

Source Reference	Glyph
UTC-03139	踉
UTC-03140	躡
UTC-03141	髀
UTC-03142	撻
UTC-03143	囊
UTC-03144	襖
UTC-03145	慙
UTC-03146	磳
UTC-03147	愕
UTC-03148	驥
UTC-03149	綵

Source Reference	Glyph
UTC-03150	囹
UTC-03151	焯
UTC-03152	筴
UTC-03153	趯
UTC-03154	舉
UTC-03155	尫
UTC-03156	奠
UTC-03157	滄
UTC-03158	麟

ICS 35.040
L 71
备案号: 9780-2002

SJ

中华人民共和国电子行业标准

SJ/T 11239—2001

信息技术 信息交换用汉字编码字符集 第八辅助集

**Information technology — Chinese ideograms coded
character set for information interchange —
The 8 th supplementary set**

2001-12-28 发布

2002-01-01 实施

中华人民共和国信息产业部 发布

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前 言

本标准为满足我国地名信息处理的特殊需要而制定。

本标准的附录 A 是提示的附录。

本标准由中国电子技术标准化研究所(CESI)归口。

本标准起草单位：中国电子技术标准化研究所(CESI)、国家测绘局地名研究所、合力金桥公司。

本标准主要起草人：张义、舒代宁、陈壮、哈丹朝鲁、王桂敏、陈俭、舒雨生、戴红、王立建。

中华人民共和国电子行业标准

信息技术 信息交换用汉字编码字符集 第八辅助集

SJ/T 11239—2001

Information technology-Chinese ideograms coded character set for information interchange – The 8 th supplementary set

1 范围

本标准规定了 2501 个汉字的编码，是 GB 2312 的辅助集。

本标准适用于图形字符信息的处理、交换、存储、传输、显现、输入和输出。

2 引用标准

下列标准所包含的条文，通过在本标准中引用而构成本标准的条文。本标准出版时，所示版本均为有效。所有标准都会被修订，使用本标准的各方应探讨使用下列标准最新版本的可能性。

GB 1988—89 信息处理交换用的七位编码字符集(eqv ISO 646-1983)

GB 2311—1990 信息处理交换用七位编码字符集的扩充方法 (eqv ISO 2022: 1986)

GB 2312—80 信息交换用汉字编码字符集 基本集

GB 7589—87 信息交换用汉字编码字符集 第二辅助集

GB 7590—87 信息交换用汉字编码字符集 第四辅助集

3 定义

本标准采用下列定义。

3.1 基本集 basic set

GB 2312 中规定的字符集。

3.2 辅助集 supplementary set

基本集以外的汉字编码字符集。

3.3 简化字 simplified Chinese ideogram

“繁体字”的对称。同一汉字，简化字比繁体字笔画为少。

3.4 繁体字 unsimplified Chinese ideogram

“简化字”的对称。原来笔画较多，汉字简化后已有简化字代替的。

3.5 异体字 variant Chinese ideogram

音同、义同而形体不同的字

4 图形字符

4.1 空白位置

分区表中,凡未填入图形字符的空白位置,均作为进一步标准化区域。

4.2 图形字符的种类及数量

本标准收入 GB 2312 和 GB 7590 之外的共 2501 个汉字

5 编码

5.1 七位代码系双字节编码表示

本标准在七位代码系中,对任意一个图形字符都采用 GB 2311 中的两个字节表示,每个字节均采用 GB 1988 中的七位编码表示。两个字节中,位于前面的高位字节为第一字节,位于后面的低位字节为第二字节。其在代码表中的位置均为 2/1~7/14 (十进制)或 21~7E (十六进制)。

在 7 位代码系中,指明本标准双字节编码表示图形字符集的转义序列为: ESC 2/4 2/8 F, ESC 2/4 2/9 F, ESC 2/4 2/10 F 及 ESC 2/4 2/11 F。

注:终止字符 F 的值由代码登记机构给定。

5.2 八位代码系双字节编码表示

本标准在八位代码系中,对任意一个图形字符都采用两个字节表示,每个字节均采用 GB 2311 中的八位编码表示。两个字节中,位于前面的高位字节为第一字节,其在八位代码表中的位置 02/01~07/14 (十进制)或 21~7E (十六进制);位于后面的低位字节为第二字节,其在八位代码表中的位置为 10/01~15/14 (十进制)或 A1~FE (十六进制)。

5.3 图形字符在代码表中位置的表示方法

代码表纵向分成 94 个区,每个区横向分成 94 个位。区的编号为 1~94,由高位字节标识;位的编号也为 1~94,为低位字节标识。代码表中的任何一个图形字符的位置可用它所在的区号与位号标识。区号与位号之间用连字符相连。

例:汉字“**T**”用 16-01 表示。

注:区号和位号与 GB 1988 中的列号与行号的对应关系为:

列号/行号 2/1~7/14

区号 1~94

位号 1~94

区号和位号与 GB 2311 八位代码表中列号和行号的对应关系为:

列号/行号 02/01~07/14 对应区号 1~94

列号/行号 10/01~15/14 对应位号 1~94

5.4 汉字分区表

16区 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19

01-19 下兀毛丩丄丅井有尢其其囿𠄎衺𠄎𠄎𠄎𠄎𠄎𠄎𠄎𠄎𠄎
 20-39 衺衺𠄎𠄎𠄎𠄎𠄎𠄎𠄎𠄎𠄎𠄎𠄎𠄎𠄎𠄎𠄎𠄎𠄎𠄎𠄎𠄎𠄎𠄎𠄎𠄎𠄎𠄎
 40-59 𠄎𠄎𠄎𠄎𠄎𠄎𠄎𠄎𠄎𠄎𠄎𠄎𠄎𠄎𠄎𠄎𠄎𠄎𠄎𠄎𠄎𠄎𠄎𠄎𠄎𠄎
 60-79 𠄎𠄎𠄎𠄎𠄎𠄎𠄎𠄎𠄎𠄎𠄎𠄎𠄎𠄎𠄎𠄎𠄎𠄎𠄎𠄎𠄎𠄎𠄎𠄎𠄎𠄎
 80-94 𠄎𠄎𠄎𠄎𠄎𠄎𠄎𠄎𠄎𠄎𠄎𠄎𠄎𠄎𠄎𠄎𠄎𠄎𠄎𠄎𠄎𠄎𠄎𠄎𠄎𠄎

17区 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19

01-19 𠄎𠄎𠄎𠄎𠄎𠄎𠄎𠄎𠄎𠄎𠄎𠄎𠄎𠄎𠄎𠄎𠄎𠄎𠄎𠄎𠄎𠄎𠄎𠄎𠄎𠄎
 20-39 𠄎𠄎𠄎𠄎𠄎𠄎𠄎𠄎𠄎𠄎𠄎𠄎𠄎𠄎𠄎𠄎𠄎𠄎𠄎𠄎𠄎𠄎𠄎𠄎𠄎𠄎
 40-59 𠄎𠄎𠄎𠄎𠄎𠄎𠄎𠄎𠄎𠄎𠄎𠄎𠄎𠄎𠄎𠄎𠄎𠄎𠄎𠄎𠄎𠄎𠄎𠄎𠄎𠄎
 60-79 𠄎𠄎𠄎𠄎𠄎𠄎𠄎𠄎𠄎𠄎𠄎𠄎𠄎𠄎𠄎𠄎𠄎𠄎𠄎𠄎𠄎𠄎𠄎𠄎𠄎𠄎
 80-94 𠄎𠄎𠄎𠄎𠄎𠄎𠄎𠄎𠄎𠄎𠄎𠄎𠄎𠄎𠄎𠄎𠄎𠄎𠄎𠄎𠄎𠄎𠄎𠄎𠄎𠄎

18区 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19

01-19 𠄎𠄎𠄎𠄎𠄎𠄎𠄎𠄎𠄎𠄎𠄎𠄎𠄎𠄎𠄎𠄎𠄎𠄎𠄎𠄎𠄎𠄎𠄎𠄎𠄎𠄎
 20-39 𠄎𠄎𠄎𠄎𠄎𠄎𠄎𠄎𠄎𠄎𠄎𠄎𠄎𠄎𠄎𠄎𠄎𠄎𠄎𠄎𠄎𠄎𠄎𠄎𠄎𠄎
 40-59 𠄎𠄎𠄎𠄎𠄎𠄎𠄎𠄎𠄎𠄎𠄎𠄎𠄎𠄎𠄎𠄎𠄎𠄎𠄎𠄎𠄎𠄎𠄎𠄎𠄎𠄎
 60-79 𠄎𠄎𠄎𠄎𠄎𠄎𠄎𠄎𠄎𠄎𠄎𠄎𠄎𠄎𠄎𠄎𠄎𠄎𠄎𠄎𠄎𠄎𠄎𠄎𠄎𠄎
 80-94 𠄎𠄎𠄎𠄎𠄎𠄎𠄎𠄎𠄎𠄎𠄎𠄎𠄎𠄎𠄎𠄎𠄎𠄎𠄎𠄎𠄎𠄎𠄎𠄎𠄎𠄎

22 区 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19

土

01-19 堞 塍 塏 塑 塒 塓 塔 塕 塖 塗 塘 塙 塚 塛 塜 塝 塞 塟 塠 塡 塢

20-39 堣 堤 堥 堧 堨 堩 堪 堽 堾 堿 堻 堼 堽 堾 堿 堼 堽 堾 堿 堼 堽

40-59 堿 堼 堽 堾 堿 堼 堽 堾 堿 堼 堽 堾 堿 堼 堽 堾 堿 堼 堽 堾

60-79 堿 堼 堽 堾 堿 堼 堽 堾 堿 堼 堽 堾 堿 堼 堽 堾 堿 堼 堽 堾

80-94 堿 堼 堽 堾 堿 堼 堽 堾 堿 堼 堽 堾 堿 堼 堽 堾

23 区 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19

土

01-19 堿 堼 堽 堾 堿 堼 堽 堾 堿 堼 堽 堾 堿 堼 堽 堾 堿 堼 堽 堾

20-39 堿 堼 堽 堾 堿 堼 堽 堾 堿 堼 堽 堾 堿 堼 堽 堾 堿 堼 堽 堾

40-59 堿 堼 堽 堾 堿 堼 堽 堾 堿 堼 堽 堾 堿 堼 堽 堾 堿 堼 堽 堾

60-79 芎 苁 苂 苃 苄 苅 苆 苇 苈 苉 苊 苋 苌 苍 苎 苏 苐 苑 苒 苓

80-94 苔 苕 苕 苕 苕 苕 苕 苕 苕 苕 苕 苕 苕 苕 苕

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20-39 蕞 蕞 蕞 蕞 蕞 蕞 蕞 蕞 蕞 蕞 蕞 蕞 蕞 蕞 蕞 蕞 蕞 蕞 蕞

40-59 蕞 蕞 蕞 蕞 蕞 蕞 蕞 蕞 蕞 蕞 蕞 蕞 蕞 蕞 蕞 蕞 蕞 蕞 蕞

60-79 蕞 蕞 蕞 蕞 蕞 蕞 蕞 蕞 蕞 蕞 蕞 蕞 蕞 蕞 蕞 蕞 蕞 蕞 蕞

80-94 蕞 蕞 蕞 蕞 蕞 蕞 蕞 蕞 蕞 蕞 蕞 蕞 蕞 蕞 蕞 蕞 蕞 蕞 蕞

28区 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19
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 20-39 嶻
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01-19 𤝵^水 𤝵^示 𤝵^石 𤝵 𤝵 𤝵 𤝵 𤝵 𤝵 𤝵 𤝵 𤝵 𤝵 𤝵 𤝵 𤝵 𤝵 𤝵 𤝵 𤝵

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01-19 𧈧^虫𧈨𧈩𧈪𧈫𧈬𧈭𧈮𧈯𧈰𧈱𧈲𧈳𧈴𧈵𧈶𧈷𧈸𧈹𧈺𧈻𧈼𧈽𧈾𧈿

20-39 𧈿^虫𧉀𧉁𧉂𧉃𧉄𧉅𧉆𧉇𧉈𧉉𧉊𧉋𧉌𧉍𧉎𧉏𧉐𧉑𧉒𧉓𧉔𧉕𧉖𧉗𧉘𧉙𧉚𧉛𧉜𧉝𧉞𧉟𧉠𧉡𧉢𧉣𧉤𧉥𧉦𧉧𧉨𧉩𧉪𧉫𧉬𧉭𧉮𧉯𧉰𧉱𧉲𧉳𧉴𧉵𧉶𧉷𧉸𧉹𧉺𧉻𧉼𧉽𧉾𧉿

40-59 𧉿^吉𧊀^竹𧊁𧊂𧊃𧊄𧊅𧊆𧊇𧊈𧊉𧊊𧊋𧊌𧊍𧊎𧊏𧊐𧊑𧊒𧊓𧊔𧊕𧊖𧊗𧊘𧊙𧊚𧊛𧊜𧊝𧊞𧊟𧊠𧊡𧊢𧊣𧊤𧊥𧊦𧊧𧊨𧊩𧊪𧊫𧊬𧊭𧊮𧊯𧊰𧊱𧊲𧊳𧊴𧊵𧊶𧊷𧊸𧊹𧊺𧊻𧊼𧊽𧊾𧊿

60-79 𧊿𧋀𧋁𧋂𧋃𧋄𧋅𧋆𧋇𧋈𧋉𧋊𧋋𧋌𧋍𧋎𧋏𧋐𧋑𧋒𧋓𧋔𧋕𧋖𧋗𧋘𧋙𧋚𧋛𧋜𧋝𧋞𧋟𧋠𧋡𧋢𧋣𧋤𧋥𧋦𧋧𧋨𧋩𧋪𧋫𧋬𧋭𧋮𧋯𧋰𧋱𧋲𧋳𧋴𧋵𧋶𧋷𧋸𧋹𧋺𧋻𧋼𧋽𧋾𧋿

80-94 𧋿𧌀𧌁𧌂𧌃𧌄𧌅𧌆𧌇𧌈𧌉𧌊𧌋𧌌𧌍𧌎𧌏𧌐𧌑𧌒𧌓𧌔𧌕𧌖𧌗𧌘𧌙𧌚𧌛𧌜𧌝𧌞𧌟𧌠𧌡𧌢𧌣𧌤𧌥𧌦𧌧𧌨𧌩𧌪𧌫𧌬𧌭𧌮𧌯𧌰𧌱𧌲𧌳𧌴𧌵𧌶𧌷𧌸𧌹𧌺𧌻𧌼𧌽𧌾𧌿

41区 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19

01-19 𧌿^竹𧍀𧍁𧍂𧍃𧍄𧍅𧍆𧍇𧍈𧍉𧍊𧍋𧍌𧍍𧍎𧍏𧍐𧍑𧍒𧍓𧍔𧍕𧍖𧍗𧍘𧍙𧍚𧍛𧍜𧍝𧍞𧍟𧍠𧍡𧍢𧍣𧍤𧍥𧍦𧍧𧍨𧍩𧍪𧍫𧍬𧍭𧍮𧍯𧍰𧍱𧍲𧍳𧍴𧍵𧍶𧍷𧍸𧍹𧍺𧍻𧍼𧍽𧍾𧍿

20-39 𧍿𧎀𧎁𧎂𧎃𧎄𧎅𧎆𧎇𧎈𧎉𧎊𧎋𧎌𧎍𧎎𧎏𧎐𧎑𧎒𧎓𧎔𧎕𧎖𧎗𧎘𧎙𧎚𧎛𧎜𧎝𧎞𧎟𧎠𧎡𧎢𧎣𧎤𧎥𧎦𧎧𧎨𧎩𧎪𧎫𧎬𧎭𧎮𧎯𧎰𧎱𧎲𧎳𧎴𧎵𧎶𧎷𧎸𧎹𧎺𧎻𧎼𧎽𧎾𧎿

40-59 𧎿𧏀𧏁𧏂𧏃𧏄𧏅𧏆𧏇𧏈𧏉𧏊𧏋𧏌𧏍𧏎𧏏𧏐𧏑𧏒𧏓𧏔𧏕𧏖𧏗𧏘𧏙𧏚𧏛𧏜𧏝𧏞𧏟𧏠𧏡𧏢𧏣𧏤𧏥𧏦𧏧𧏨𧏩𧏪𧏫𧏬𧏭𧏮𧏯𧏰𧏱𧏲𧏳𧏴𧏵𧏶𧏷𧏸𧏹𧏺𧏻𧏼𧏽𧏾𧏿

60-79 𧏿𧐀𧐁𧐂𧐃𧐄𧐅𧐆𧐇𧐈𧐉𧐊𧐋𧐌𧐍𧐎𧐏𧐐𧐑𧐒𧐓𧐔𧐕𧐖𧐗𧐘𧐙𧐚𧐛𧐜𧐝𧐞𧐟𧐠𧐡𧐢𧐣𧐤𧐥𧐦𧐧𧐨𧐩𧐪𧐫𧐬𧐭𧐮𧐯𧐰𧐱𧐲𧐳𧐴𧐵𧐶𧐷𧐸𧐹𧐺𧐻𧐼𧐽𧐾𧐿

80-94 𧐿𧑀𧑁𧑂𧑃𧑄𧑅𧑆𧑇𧑈𧑉𧑊𧑋𧑌𧑍𧑎𧑏𧑐𧑑𧑒𧑓𧑔𧑕𧑖𧑗𧑘𧑙𧑚𧑛𧑜𧑝𧑞𧑟𧑠𧑡𧑢𧑣𧑤𧑥𧑦𧑧𧑨𧑩𧑪𧑫𧑬𧑭𧑮𧑯𧑰𧑱𧑲𧑳𧑴𧑵𧑶𧑷𧑸𧑹𧑺𧑻𧑼𧑽𧑾𧑿

42区 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19

01-19 𧑿^身𧒀𧒁𧒂𧒃𧒄𧒅𧒆𧒇𧒈𧒉𧒊𧒋𧒌𧒍𧒎𧒏𧒐𧒑𧒒𧒓𧒔𧒕𧒖𧒗𧒘𧒙𧒚𧒛𧒜𧒝𧒞𧒟𧒠𧒡𧒢𧒣𧒤𧒥𧒦𧒧𧒨𧒩𧒪𧒫𧒬𧒭𧒮𧒯𧒰𧒱𧒲𧒳𧒴𧒵𧒶𧒷𧒸𧒹𧒺𧒻𧒼𧒽𧒾𧒿

20-39 𧒿𧓀𧓁𧓂𧓃𧓄𧓅𧓆𧓇𧓈𧓉𧓊𧓋𧓌𧓍𧓎𧓏𧓐𧓑𧓒𧓓𧓔𧓕𧓖𧓗𧓘𧓙𧓚𧓛𧓜𧓝𧓞𧓟𧓠𧓡𧓢𧓣𧓤𧓥𧓦𧓧𧓨𧓩𧓪𧓫𧓬𧓭𧓮𧓯𧓰𧓱𧓲𧓳𧓴𧓵𧓶𧓷𧓸𧓹𧓺𧓻𧓼𧓽𧓾𧓿

40-59 𧓿𧔀𧔁𧔂𧔃𧔄𧔅𧔆𧔇𧔈𧔉𧔊𧔋𧔌𧔍𧔎𧔏𧔐𧔑𧔒𧔓𧔔𧔕𧔖𧔗𧔘𧔙𧔚𧔛𧔜𧔝𧔞𧔟𧔠𧔡𧔢𧔣𧔤𧔥𧔦𧔧𧔨𧔩𧔪𧔫𧔬𧔭𧔮𧔯𧔰𧔱𧔲𧔳𧔴𧔵𧔶𧔷𧔸𧔹𧔺𧔻𧔼𧔽𧔾𧔿

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附录 A
汉字的选择和排序
(提示的附录)

A1 汉字的选择

本标准所选的是 GB 2312、GB 7589 和 GB 7590 未收入的汉字，这些汉字主要用于地名。

这些汉字来自国家基础地理信息系统、国家基本比例尺地形图、《福建、广东、广西地名生僻字表》等材料，并参考了《康熙字典》和《汉语大字典》。

A2 汉字的排列

本标准中 2501 个汉字的排列按照 1983 年中国文字改革委员会与文化部出版局等单位联合制定的统一汉字部首排检草案规定的 201 个部首排列。部首次序按画数排列，同部首字按部首以外的画数排列。同画数的字以笔形顺序，横（一）、直（丨）、撇（丿）、点（丶）、折（乚、乙、冫、乚）等为序，起笔相同的按第二笔，依此类推。见汉字分区表。

IRG Repertoire Submission Summary Form

**ISO/IEC JTC 1/SC 2/WG 2/IRG
PROPOSAL SUMMARY FORM TO ACCOMPANY SUBMISSIONS
FOR ADDITION OF CJK UNIFIED IDEOGRAPHS TO THE REPERTOIRE OF ISO/IEC 10646**

Submitters are reminded to:
 1. Fill in all the sections below.
 2. Read the Principles and Procedures Document (P & P) available at
<http://appsrv.cse.cuhk.edu.hk/~irg/irg45/IRGN2092PnPv8.pdf>
 for guidelines and details before filling in this form.
 3. Use the latest Form from
http://appsrv.cse.cuhk.edu.hk/~irg/irg45/IRGN2092PnP_BlankDataFile.xls

See also http://appsrv.cse.cuhk.edu.hk/~irg/irg45/IRGN2092PnP_BlankDataFile.xls for the latest *Unifiable Component Variations*.

A. Administrative

1. IRG Project Code:	IRG Working Set 2017
2. Title:	UTC Character Submission for 2017
3. Submitter's Region/Country Name:	The Unicode Consortium
4. Submitter Type (National Body/Individual Contribution):	Liaison
5. Submission Date:	2017-09-06
6. Requested Ideograph Type (Unified or Compatibility Ideographs)	Unified Ideographs
If Compatibility, does the submitter have the intention to register them as IVS (See UTS #37) with the IRG's approval? (Registration fee will not be charged if authorized by the IRG.)	N/A
7. Proposal Type (Normal Proposal or Urgently Needed)	Normal Request
8. Choose one of the following:	
This is a complete proposal	X
(or) More information will be provided later.	

B. Technical – General

1. Number of ideographs in the proposal:	193
2. Glyph format of the proposed ideographs: (128x128 Bitmap files or TrueType font file)	Bitmap & OTF
If Bitmap files, are their file names the same as their source references?	Yes
If TrueType font file, are all the proposed glyphs put into BMP PUA area?	Yes
If TrueType font file, are data for source references vs. character codes provided?	Yes
3. Source references:	
Do all the proposed ideographs have a unique, proper source reference (member body/international consortium abbreviation followed by no more than 9 alphanumeric characters)?	Yes
4. Evidence:	
a. Do all the proposed ideographs have a separate evidence document which contains at least one scanned image of printed materials (preferably dictionaries)?	Yes
b. Do all the printed materials used for evidence provide enough information to track them by a third party (ISBN numbers, etc.)?	Yes
5. Attribute Data Format: (Excel file or CSV text)	Excel File

C. Technical - Checklist

Understanding of the Unification Principles	
1. Has the submitter read ISO/IEC 10646 Annex S and does the submitter understand the unification principles?	Yes
2. Has the submitter read the “Unifiable Component Variations” (contact the IRG technical editor through the IRG Rapporteur for the latest version) and does the submitter understand the unifiable variation examples?	Yes
3. Has the submitter read the IRG PnP document and does the submitter understand the 5% Rule?	Yes
Character-Glyph Duplication (http://www.itscj.ipsj.or.jp/sc2/open/pow.htm contains all the published ones and those under ballot)	
4. Has the submitter checked that the proposed ideographs are not unifiable with any of the unified or compatibility ideographs of the latest version of ISO/IEC 10646? If the checking has been done against an earlier version of ISO/IEC 10646, please specify the version? (e.g. 10646:2012)	Yes 10646:2014
5. Has the submitter checked that the proposed ideographs are not unifiable with any of the ideographs in the amendments, if any, of the latest version of ISO/IEC 10646? If yes, which amendment(s) has the submitter checked?	N/A N/A
6. Has the submitter checked that the proposed ideographs are not unifiable with any of the ideographs in the proposed amendments, if any, of ISO/IEC 10646? If yes, which draft amendment(s) has the submitter checked?	Yes Extension G
7. Has the submitter checked that the proposed ideographs are not unifiable with any of the ideographs in the current working M-set and D-set of the IRG? (Contact IRG chief editor and technical editor through the IRG Rapporteur for the newest list) If yes, which document(s) has the submitter checked?	Yes IRG N2223 (G V4)
8. Has the submitter checked that the proposed ideographs are not unifiable with any of the over-unified or mis-unified ideographs in ISO/IEC 10646? (See Annex E of the IRG PnP document).	Yes
9. Has the submitter checked whether the proposed ideographs have any similar ideographs in the current standardized or working sets mentioned above?	Yes
10. Has the submitter checked whether the proposed ideographs have any variant ideographs in the current standardized or working sets mentioned above?	Yes
Attribute Data	
11. Do all the proposed ideographs have attribute data such as the Kangxi radical code and stroke count?	Yes
12. Are there any simplified ideographs (ideographs that are based on the policy described in 簡化字總表) among the proposed ideographs? If yes, does the proposal include proper simplified/traditional indication flag for each proposed ideograph in the attribute data?	Yes Yes
13. Do all the proposed ideographs have the document page number of evidence documents in the attribute data?	Yes
14. Do all the proposed ideographs have the proper Ideographic Description Sequence (IDS) in the attribute data? If no, how many proposed ideographs do not have the IDS?	Yes
15. If the answer to question 9 or 10 is yes, do the attribute data include any information on similar/variant ideographs for the proposed ideographs?	Yes
16. Do all the proposed ideographs contains the total stroke count(kTotalStrokes) ¹ ?	Yes

¹ The IRG understands that kTotalStrokes can be ambiguous and subject to different interpretations. The IRG takes no responsibility to check the correctness of the submitted attribute data.