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.

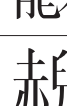
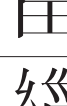
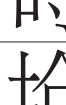
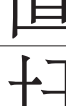
Proposed Disunifications

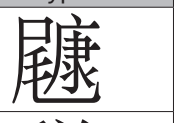
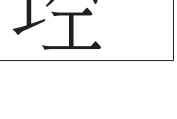
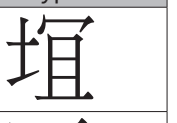
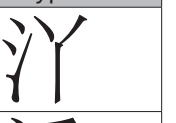
Three of the characters in this submission—UTC-01159 (), UTC-01162 (), and UTC-02972 ()—represent proposed disunifications for U+753E 畾 (U+2F936), U+7DC7 緇 (U+2F96E), and U+226D4 慄 (U+2F8A4), respectively, and sufficient evidence for disunification is provided.

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	
UTC-00315	
UTC-00790	
UTC-01159	
UTC-01162	
UTC-01258	
UTC-01307	
UTC-01311	
UTC-02970	
UTC-02972	
UTC-02973	
UTC-02974	
UTC-02975	
UTC-02976	
UTC-02977	
UTC-02978	
UTC-02979	
UTC-02980	
UTC-02981	
UTC-02982	
UTC-02983	
UTC-02984	
UTC-02985	
UTC-02986	
UTC-02987	
UTC-02988	
UTC-02989	
UTC-02990	
UTC-02991	
UTC-02992	
UTC-02993	
UTC-02994	
UTC-02995	
UTC-02996	
UTC-02997	
UTC-02998	
UTC-02999	
UTC-03000	
UTC-03001	
UTC-03002	
UTC-03003	
UTC-03004	
UTC-03005	
UTC-03006	
UTC-03007	
UTC-03008	
UTC-03009	
UTC-03010	
UTC-03011	
UTC-03012	
UTC-03013	
UTC-03014	
UTC-03015	
UTC-03016	

Source Reference	Glyph
UTC-03017	
UTC-03018	
UTC-03019	
UTC-03020	
UTC-03021	
UTC-03022	
UTC-03023	
UTC-03024	
UTC-03025	
UTC-03026	
UTC-03027	
UTC-03028	
UTC-03029	
UTC-03030	
UTC-03031	
UTC-03032	
UTC-03033	
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UTC-03052	
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UTC-03056	
UTC-03057	
UTC-03059	
UTC-03060	
UTC-03061	
UTC-03062	
UTC-03063	
UTC-03064	
UTC-03065	
UTC-03066	
UTC-03067	
UTC-03068	
UTC-03069	
UTC-03070	
UTC-03071	

Source Reference	Glyph
UTC-03072	覕
UTC-03073	碻
UTC-03074	痘
UTC-03075	頍
UTC-03077	郩
UTC-03078	阣
UTC-03079	漮
UTC-03080	崱
UTC-03081	儼
UTC-03082	儭
UTC-03083	剖
UTC-03084	劇
UTC-03085	墯
UTC-03086	奧
UTC-03087	灵
UTC-03088	兟
UTC-03089	斫
UTC-03090	揌
UTC-03091	楻
UTC-03092	粲
UTC-03093	麠
UTC-03094	眯
UTC-03095	矓
UTC-03096	竁
UTC-03097	蒺
UTC-03098	蒿
UTC-03099	蕈
UTC-03100	蓬
UTC-03101	驄
UTC-03102	鬗
UTC-03103	鬣
UTC-03104	鬚
UTC-03105	輯
UTC-03106	鼕
UTC-03107	躠
UTC-03108	僅
UTC-03109	髊
UTC-03110	髆
UTC-03111	髐
UTC-03112	奸
UTC-03113	墼
UTC-03114	騬
UTC-03115	構
UTC-03116	鶟
UTC-03117	滥
UTC-03118	浚
UTC-03119	嶩
UTC-03120	蠱
UTC-03121	砩
UTC-03122	祸
UTC-03123	示
UTC-03124	鬱
UTC-03125	掇
UTC-03126	贏

Source Reference	Glyph
UTC-03127	猗
UTC-03128	諷
UTC-03129	顯
UTC-03130	褻
UTC-03131	酗
UTC-03133	敿
UTC-03134	逿
UTC-03135	迤
UTC-03136	遧
UTC-03137	蹉
UTC-03138	跟

Source Reference	Glyph
UTC-03139	躟
UTC-03140	蹜
UTC-03141	髇
UTC-03142	撠
UTC-03143	褱
UTC-03144	襒
UTC-03145	憖
UTC-03146	磔
UTC-03147	憮
UTC-03148	騭
UTC-03149	鬆

Source Reference	Glyph
UTC-03150	圈
UTC-03151	熄
UTC-03152	殮
UTC-03153	趍
UTC-03154	舉
UTC-03155	鬼
UTC-03156	鼻
UTC-03157	簹
UTC-03158	齾

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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2　引用标准 1
3　定义 1
4　图形字符 1
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附录 A（提示的附录）汉字的选择和排序 12

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字。

3.5 异体字 variant Chinese ideogram

音同、义同而形体不同的字

中华人民共和国信息产业部2001-12-28批准 2002-01-01实施

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“丁”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	一	丁	兀	毛	卫	不	立	并	有	瓦	其	其	亘	否	丢	乖	乖	歪	否
20-39	奏	尧	甦	歪	顽	面	趣	左左	断	否	否	东东	甦	霄	龈	从	尸	非	盯
40-59	月	乃	生	禾	乒	屯	甸	龟	肴	龙	夭	歪	鸟	走	奔	吞	奄	重	旭
60-79	旭	皋	先	旭	旭	旭	番	鲁	旭	魉	丿	乙	小	乃	才	了	孑	子	阢
80-94	阢	讯	邕	岂	邕	乳	武	邕	邕	旭	旭	鹰	鹰	云云	二十	有	卑	辞	厂

17区	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19
01-19	厍	麻	厦	帰	厕	廨	匹	殴	卣	戚	刻	刽	判	剖	剂	剋	剋	剔	剏
20-39	剑	剖	剏	剖	冊	冂	冉	阚	榜	仈	仏	仃	仟	行	仇	仇	伲	伯	佬
40-59	佬	佰	佾	佃	佈	佯	佺	併	侏	俐	侻	侵	俜	俶	倆	倏	侵	俜	俶
60-79	俜	倜	僕	傧	僶	亻	今	余	吮	金	畣	舜	丫	牟	电	耸	笈	兴	兹
80-94	勹	鸠	九	斑	亮	恵	汀	汨	汩	汶	泊	洧	洩	凌	凼				

18区	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19
01-19	涣	凄	涠	涮	淹	滲	漳	溍	溆	穴	屲	花	永	宠	穷	宓	孚	窀	帘
20-39	畚	窅	冢	窖	窖	窖	冢	窠	窦	窜	窘	讥	运	诞	咏	诘	谜	谨	谘
40-59	谆	阡	阨	阼	陴	阬	陷	降	陀	陧	隐	隘	隩	隔	溜	僚	隰	邡	邵
60-79	邯	郁	郐	郎	邮	帮	郭	鄯	郓	鄺	鄄	山	刃	云	龟	勅	勃	娘	勰
80-94	又	厄	鸡	嗯	赴	迂	达	迫	迪	逦	工	项	土	圭	圮	圹	圻		

19区	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19
01~19	±	圳	坐	扒	扙	旭	圾	邶	圾	圩	圹	圩	圩	圾	圩	圾	圾	圾	圾
20~39	圳	圾	垢	坳	垭	垦	垚	垣	垢	坍	圾	圩	圾	圾	圾	圾	圾	圾	圾
40~59	坍	望	均	坎	圹	垚	圾	圾	圾	圾	圳	圩	圾	圾	圾	圾	圾	圾	圾
60~79	圯	坫	坝	圾	坤	垭	圳	坤	垢	圾	圾	圾	圾	圾	圾	圾	圾	圾	圾
80~94	坳	坮	圳	望	坳	垒	垉	垓	圾	圾	圾	圾	圾	圾	圾	圾	圾	圾	圾

20区	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19
01~19	±	垮	垒	城	垭	堐	垮	耆	垮	垫	垣	垙	垺	垚	垭	垮	垚	城	垧
20~39	垄	堐	埙	垮	垒	堀	堀	堆	珠	垮	垛	垣	堐	垭	垭	垚	垛	堋	垒
40~59	垥	奎	垾	堍	垾	堍	垭	垓	垾	垸	垧	堊	垒	堊	垔	垓	垮	埒	垹
60~79	垢	堕	垮	垭	埙	垮	垸	塄	塄	垾	垭	垛	垾	垭	垮	垚	垭	垭	垭
80~94	垻	堀	垄	垣	堀	垲	堀	堀	垢	垧	垄	垮	垭	垚	垛	垭	垭	垭	垭

21区	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19
01~19	±	埝	埒	埜	埝	埃	埚	埚	埻	埠	埡	埏	埏	埝	埝	埜	埴	埂	埒
20~39	埏	埕	堰	堀	堄	埘	埭	埜	埜	埜	埜	埜	埜	埜	埜	埜	埜	埜	埜
40~59	埘	埒	埜	埜	埏	堀	堀	埜	埜	埜	埜	埜	埜	埜	埜	埜	埜	埜	埜
60~79	埚	埒	埏	埏	埭	埜	埒	埜	埜	埜	埜	埜	埜	埜	埜	埜	埜	埜	埜
80~94	埜	埘	埏	堀	埜	埜	埜	埜	埜	埜	埜	埜	埜	埜	埜	埜	埜	埜	埜

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

01-19 墫垕堍埐埻堷墋埱垵埽堒埳塭堰墀堰塀塭塝

20-39 墁塸墩塒壖壘墋墊墡墠墐塚塒壔墟墎墓墣墯墝

40-59 墀塏壈墡塭壖墣墠墝墦墝墝墠墝墝墝墝墝墝

60-79 墝墩堪墝墦塹塹墑墐墐墝墝墝墝墝墝墝墝墝

80-94 墩壛墊墝墝墝壖墐墂墜墝墂墩墝墝墝墝

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

01-19 墋墋墩壛墜壕壿墩壛壟壛壛壛壛壛壛壛壛壛

20-39 壛壛壛壛壛壛壛壛壛壛壛壛壛壛壛壛壛壛壛

40-59 壛壛壛壛壛壛壛壛壛壛壛壛壛壛壛壛壛壛壛

60-79 壛壛壛壛壛壛壛壛壛壛壛壛壛壛壛壛壛壛壛

80-94 壛壛壛壛壛壛壛壛壛壛壛壛壛壛壛壛壛壛壛

24区 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19

01-19 夢夢夢夢夢夢夢夢夢夢夢夢夢夢夢夢夢夢夢夢夢

20-39 夢夢夢夢夢夢夢夢夢夢夢夢夢夢夢夢夢夢夢夢夢

40-59 夢夢夢夢夢夢夢夢夢夢夢夢夢夢夢夢夢夢夢夢夢

60-79 夢夢夢夢夢夢夢夢夢夢夢夢夢夢夢夢夢夢夢夢夢

80-94 夢夢夢夢夢夢夢夢夢夢夢夢夢夢夢夢夢夢夢夢夢

25区	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19
01-19	揣	揆	採	揄	揑	揸	揾	揇	揎	揀	揅	揆	揈	揈	揌	揜	揝	揞	揤
20-39	揌	揫	搿	攆	搴	揂	吃	吙	叽	吂	吋	旻	吞	吐	吭	呆	呫	呥	
40-59	呛	呇	吷	吪	呎	呆	呇	呸	呃	咕	咲	啪	哃	哱	鸟	咎	哮	耆	晶
60-79	喢	唄	喟	唏	哅	唌	恄	哾	唒	俩	啄	喤	嗨	匆	啐	嗜	喧	呶	
80-94	喻	喟	喏	唸	嘁	嗜	嗐	嗝	嗛	嘩	嗜	嗢	嘟	嗩					

26区	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19
01-19	噫	嗝	嘶	嘺	嘲	嚣	嘈	嚅	嘰	嚓	嚕	嚣	嚚	囜	囤	囡	囡	囵	囫
20-39	囿	圉	圀	圃	圂	圌	圁	圄	圊	圹	圩	圮	鸣	帼	幄	帼	岁	宁	穴
40-59	佥	岔	冗	劣	出	孚	岓	岈	岟	岁	写	岑	岈	岕	岂	岠	岁	岣	学
60-79	岿	岑	岚	峔	峋	岷	岩	岙	岅	岑	岑	岔	岤	岩	岷	岜	岥	劣	
80-94	岜	岑	峄	峔	岶	岬	岸	岚	崩	崦	崖	崟	崛	崴	崴	崴	崴		

27区	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19
01-19	岸	峯	峤	峦	峁	峒	峋	峒	峞	峙	峒	峋	峁	峙	峒	峋	峁	峙	峒
20-39	峋	峁	峙	峒	峋	峁	峙	峒	峋	峁	峙	峒	峋	峁	峙	峒	峋	峁	峙
40-59	峒	峋	峁	峙	峒	峋	峁	峙	峒	峋	峁	峙	峒	峋	峁	峙	峒	峋	峁
60-79	峙	峒	峋	峁	峙	峒	峋	峁	峙	峒	峋	峁	峙	峒	峋	峁	峙	峒	峋
80-94	峁	峙	峒	峋	峁	峙	峒	峋	峁	峙	峒	峋	峁	峙	峒				

28区 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19

01~19 岘岜峨峨峄峤嵴嵩崂嵝嵴嵘嵯嵴嵝嵴嵯嵴嵯嵴嵯

31区 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19

01-19 宀 寄寇寅寐定害寐寘寧宽寂寤寮迋辶迋迠迟迡迦

20-39 达迢迸迹迦迭迷迺迥迤迭迺迳迴迨远逋逌遊逦逓

40-59 遞遽遵遽遽尸尿屏屎眉屚屘昼展屠屡屭女奴奸奸

60-79 圣妻妛奸妈妍妗妹娇娅娣娴娼婀婄婆婚嫁嫌嫘

80-94 小 嫪嫠巡宗岑崙粽驭驮马骀骏骎骖骤骧

32区 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19

01-19 乡 纰缁缊缘缯缭缡缦缳孓孑贸贸訾旭旡珏珩恒珅旭

20-39 珞珑珊珠琊琄珞琊琍琉琼琭琯瑙瑚瑗瑀璞琼璩琢

40-59 瑤奚瓚璨璜璩璩璠璔璃木杓杒杗杞枕枒杧枒杕

60-79 枌护梁柽杏枺根柮柄枴枻柵桩枞栟桉桐梅梂栱

80-94 栲栢桍桄桕梱梱桩桄栻桐桕桉棣棠

33区 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19

01-19 木 架棨梂桢桶桿楣楀棯棫桐桧梢桐桦桐桟棣棷棹

20-39 棤棣棬棖棟棦棙棽棁棯棪棷椗棹椟椤椋椸椹椽椸

40-59 棽椭椭棰椭椅椋椅椸椸棵椸椭椸椸椸椸椸椸椸

60-79 椸椰椴椅椅棵棵椸椭椸椗椸椸椸椸椸椸椸椸椸

80-94 椸椗椴椥楠椸椤森椸椗棵棻椆棵

34区 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19

01~19 樫槠槤檻檣樓櫺檸槠檜檜檬檥檶檞檣檐檸檳盒

20~39 畎軋軌軑軏軏钢钩软拏铣辖辎毕毙毫甄碴碴甄豈

40~59 豈卮酋粗睦曷瞒曆曛森呪勉竞甩钨牴眚软特聚

60~79 莽锰犊黎犁犊车扒拿挈孕抨掰掣掰龛掣掰毡毡

80~94 毡毓毓毡诠毬镂敷牠斫牍鸱受屏蛩

35区 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19

01~19 屏荃爷迅肚肝肢肮肤胪胄胖舵胫胧胜朘膀膊膀

20~39 胰胳腆膑膂膈膙臁臌膻欹歌飓圣畜旂旛旛旗斟

40~59 炚奸奸炒炖炀炬炷炸烁烘焜焗焯痩焗焙熇煖焯焯

60~79 燴燊燿燎煮燔床祀祠祽褶褶忿悬恣意憩懋憩愚

80~94 魁鼗灾旭觉牟汆恣泵畜粜彖粟墩墩墩

36区 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19

01~19 墩祟矽矿矸矾矶矽至矸砒矸砌砘砠砘耳研砭

20~39 砀砦砍砭砗砝砆砜砘砹砭砻砀砗砂砒矶砌标砑甜

40~59 垂砸砾砠础砌砲砭砦砗砾硜砧砫砖砻砗砸硎硖

60~79 砸砟砝砚砧硝磐硗砵砭硫砗砦砚砟硝硐砵砾砜磅

80~94 硼碰硃碉硃硎硪硌棒锗碱替碑砟垂

37区 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19

01-19 硝碅砺砗硷硗碉磋碳碟碌碰硒磔磞磕磋硪磁碘碜磉碲碳碰碴

20-39 磺磻磅磍碛磬碳磅碴磋碶碛碘碰碛碛碜碛碛碛碛碛碛碛碛碛碛

40-59 碛碛磲碛碛碰碡碜碟碜碰碛碛碛碛碛碛碛碛碛碛碛碛碛碛碛碛

60-79 碰碌磟磔磕碛碛碘碴碴碴碴碴碴碴碴碴碴碴碴碴碴碴碴碴碴

80-94 碌碴碴碴碴矣岩龚垄眍睚田画

38区 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19

01-19 旭可叭旭盹雷畐枣眨畋畜畔畛零畋晃冕畚畜

20-39 罼晻畦畀畬畷嗉罾罼矚盃盅盪盥盬盭罗罙罷

40-59 朋服钒钌钗钜钤钸锤饼锃铖铘锶铝锖锒锴镰镎

60-79 镒镅镬矧嫘坯秋耘饵稆稀秕秸秸秦秤稃稆稜

80-94 穊穖穋皈泉皓皛裊鸟鸠鸡鸣鸣鸠鸽鹆

39区 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19

01-19 鹞鹂鹎鹎鹐鹆鹈鹇鹭鹭鹯鹯鹛鹛鹓鹓鹓鹓鹓鹓鹓鹓鹓鹓鹓

20-39 鹓鹭痹瘠瘸瘢瘢疵歪章益整嫜戇宁穿窃帘宰花究宫

40-59 宕窗窈窈窕窕窑窖窅窗窬窦窕窜窟窜窟窠窪窭窭

60-79 窳祉祊祚祜袼裉褐褚褰褐褪裢财耘趔榔耆耋耄耆

80-94 耆耋耿眩颂颀颔颛颜虢虎虎虮蚍蚪

40区 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19

01-19 衷蚯蚜蛀蚪蚴蛆蛾蛛蛾蛤蛏蚧蛲蛲蝴蜡蛤蛲蛔

20-39 蛾蝰蜍蜃蛴蝌蛭蛙蝦蝼蜂蝗蜴蛱蝶蠕蝻蝰蠛饥鸽鲆

40-59 鲅鲋鲥鳆鳚舐竹笃笋笆笱笨笭笹笄笑笈笋筅笃笙

60-79 笙笀筠笳笯筏箕箔箜箦箍箸箸筑箦箜篱签

80-94 笈箕箸筑箍箐筢箦箸筑箦篑

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

01-19 簡簸篮篡篁篁篦簧篩簑簏篮篁篡篠篱篾篪

20-39 簌簏簪簡簧艏簪篥篷篌簗簟簏簧簏簪簡舢

40-59 艄艉裘舸羟羝羯翔翡翔蹩糇糅籺籽籼粑粘粗粪

60-79 粞糊粘粼粹粳粕糈糌糇糁酝趁鹈蜃釐趴歪趑

80-94 跼跴踊踩蹟蹒踪蹊踬踬蹁踱蹉虮郧

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

01-19 躬躬躲鸵躺账骋躺崩豕逸舢与靖鹊靛骸祺霉霏

20-39 雹氧浮雱霄霉霾鼍鏊鏨蠹鲅鲴鲑鲑鲈鲥鲋鲫鲫鲈

40-59 鲭鲔鲫鳄鳝鳍鳓鳐镶靼靿鞘鞅鞣鞋鞘髀髻黔

60-79

80-94

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（𠂉、乙、𠃌、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/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/irg/irg45/IRGN2092PnP_BlankDataFile.xls

See also http://appsrv.cse.cuhk.edu.hk/~irg/irgwds.html **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?	*Yes*
If the checking has been done against an earlier version of ISO/IEC 10646, please specify the version? (e.g. 10646:2012)	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?	*N/A*
If yes, which amendment(s) has the submitter checked?	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?	*Yes*
If yes, which draft amendment(s) has the submitter checked?	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)	*Yes*
If yes, which document(s) has the submitter checked?	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?	*Yes*
If yes, does the proposal include proper simplified/traditional indication flag for each proposed ideograph in the attribute data?	*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?	*Yes*
If no, how many proposed ideographs do not have the IDS?	
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.