

Universal Coded Character Set  
UCS

ISO/IEC JTC1/SC2/WG2/IRG N2689

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Source:	China
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Title:	Update G-Source references values for 1,685 characters
Meeting:	IRG #64, virtual
Status:	Member's submission
Actions required:	To be considered by IRG and WG2
Distribution:	IRG
Reference:	<a href="#">IRG N2442</a> , <a href="#">IRG N2542</a> , <a href="#">IRG N2656</a>
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This document is the follow-up work for the IRG meeting recommendations [IRG M58.13](#), [IRG M62.12](#) and [IRG M63.07](#).

In IRG N2442, IRG N2542 and IRG N2656, Mr. Kushim Jiang, Ms. Tianheng Shen and Mr. Michel Mariani mentioned that several G-Source references values should be updated, such as G4K, GBK, GCH, GCY, GHC and GU. We have reviewed the documents and comments. We provide this document and request IRG and WG2 accepting to update these G-Source references values mentioned here.

After updating, the syntax for several G-Source references should be updated accordingly as below.

G-Source	Current Syntax	Updated Syntax
G4K	(G4K), (G4K-ddddd)	(G4K-ddddd)
GBK	(GBK), (GBK-dddd.dd)	(GBK-ddddddd)
GCH	(GCH), (GCH-dddd.dd)	(GCH-hhhhh)
GCY	(GCY), (GCY-dddd.dd)	(GCY-hhhhh)
GHC	(GHC), (GHC-dddd.dd)	(GHC-hhhhh)

Based on the documents and our review, we request updating the source references value for 1,685 characters, and the G-Sources for 124 characters should be changed. Please see the following table. For the remaining 1,561 characters, the source references will be kept, but the value will be updated.

Current Source	Updated Source	Character Count
G4K	GCESI	2
G4K	GZFY	1
GBK	GHZR	1
GBK	GU	26

Current Source	Updated Source	Character Count
GBK	GZ	2
GBK	GZFY	2
GU	GCA	4
GU	GDM	1
GU	GGFZ	5
GU	GHZR	31
GU	GKX	41
GU	GT	8

### G4K-Source

There are 3 characters with G4K-Source without values, we request to keep the syntax of G4K-Source as G4K-ddddd, and the source reference values for these 3 characters should be updated to other sources like GCESI and GZFY, and we list the publishing source of 2 additional GCESI-Source characters below.

UCS	G-Src	Publishing source
U+21240	GCESI-00515	《常山貞石記》，清光緒二十年(1894)靈溪精舍刻本
U+28E34	GCESI-00516	《龍龕手鏡》，朝鮮刊本，卷五，第二十四頁

### GBK-Source

There are two forms of syntax with GBK-Source for 175 characters, 86 characters with GBK-Source without values, and 89 characters with GBK-Source with specific values. The updates of this part are based on IRG N2442. 31 of them will be changed to other sources.

### GCH-Source

There are two forms of syntax with GCH-Source for 624 characters, 247 characters with GCH-Source without values, and 377 characters with GCH-Source with specific values. The updates of this part are based on IRG N2656, and the updated values follow the code points.

### GCY-Source

There are two forms of syntax with GCY-Source for 192 characters, 66 characters with GCY-Source without values, and 126 characters with GCY-Source with specific values. The updates of this part are based on IRG N2656, and the updated values follow the code points.

### GHC-Source

There are two forms of syntax with GHC-Source for 601 characters, 553 characters with GHC-Source without values, and 48 characters with GHC-Source with specific values. The updates of this part are based on IRG N2656, and the updated values follow the code points.

### GU-Source

There are 90 GU-Source characters which are needed to update the G-Source references values to other different sources, such as 4 for GCA-Source, 1 for GDM-Source, 5 for GGFZ-Source, 31 for GHZR-Source, 41 for GKX-Source and 8 for GT-Source. The updates of this part are based on IRG N2542, and we list the publishing source of 4 additional GCA-Source and 1 GDM-Source characters below.

<b>UCS</b>	<b>G-Src</b>	<b>Publishing source</b>
U+9FB4	GCA-K0008	武利华:《徐州汉碑刻石通论》(朱存明:《汉学大系》),北京:文化艺术出版社,2019.11,ISBN 978-7-5039-6714-6, p. 202
U+9FBA	GCA-J0013	孙明远:《方寸之间——汉字文字设计文集》,北京:文化艺术出版社,2023.5,ISBN 978-7-5039-7395-6, p. 346
U+FA0F	GDM-01006	SJ/T 11239—2001, 21-02
U+215D7	GCA-J0202	田青:《幽兰春晓——“古琴艺术”申遗二十周年纪念文集 下》,北京:文化艺术出版社,2023.11,ISBN 978-7-5039-7497-7, p. 617
U+2314F	GCA-J0141	中华人民共和国文化部艺术司,中国艺术研究院音乐研究所:《中国工尺谱集成·辽宁卷》,北京:文化艺术出版社,2017.5,ISBN 978-7-5039-5787-1, p. 371

The detailed updates are shown in the attachment.

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