

Universal Coded Character Set UCS

Title: Recommendations for resolving long-standing G3 and G5 issues

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This document recommends [kIRG_GSource](#) (aka G-source) property value changes, along with [kGB3](#) and [kGB5](#) property value changes, removals, and additions, based on what the author believes to be long-standing one-off property value errors that affect the “G3” and “G5” source prefixes of the normative [kIRG_GSource](#) property, along with the provisional [kGB3](#) and [kGB5](#) properties.

Almost all of the [kIRG_GSource](#) property value issues that are referenced in this document were first raised in Part 1 of document [IRG N2302](#) (Li) to which China responded in document [IRG N2376](#) as follows:

No change for the G3 and G5 characters.

However, considering that the provisional [kGB3](#) and [kGB5](#) properties pre-date the [kIRG_GSource](#) property, and that the UTC CJK & Unihan Working Group is attempting to complete them with contributions from Harriet Riddle (aka Har) and other IRG experts, it seems prudent to re-visit these [kIRG_GSource](#) property value issues, and to resolve the corresponding [kGB3](#) and [kGB5](#) property value issues.

See Sections 3, 4, and 5 on pp 10 through 12 of this document for a complete history of the [kGB3](#) and [kGB5](#) properties, and the “G3” and “G5” prefixes of the [kIRG_GSource](#) property.

All of the recommended property value changes, removals, and additions are included inline in this document, and are also included in the “plain text” *n2863-attachment.txt* data file that is PDF attachment.

1) Recommended G3 Changes, Removals & Additions

Below is the Row 16 excerpt from China’s GB/T 7589-1987 (originally GB 7589-87) standard that serves as the primary reference for this section:

16	区	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19
01	𠂇	𠂈	𠂉	𠂊	𠂋	𠂌	𠂍	𠂎	𠂏	𠂐	𠂑	𠂒	𠂓	𠂔	𠂕	𠂖	𠂗	𠂘	𠂙	𠂚
19	𠂛	𠂜	𠂝	𠂞	𠂟	𠂠	𠂡	𠂢	𠂣	𠂤	𠂥	𠂦	𠂧	𠂨	𠂩	𠂪	𠂫	𠂬	𠂭	𠂮
20	𠂯	𠂰	𠂱	𠂲	𠂳	𠂴	𠂵	𠂶	𠂷	𠂸	𠂹	𠂺	𠂻	𠂼	𠂽	𠂾	𠂿	𠃀	𠃁	𠃂
39	𠃃	𠃄	𠃅	𠃆	𠃇	𠃈	𠃉	𠃊	𠃋	𠃌	𠃍	𠃎	𠃏	𠃐	𠃑	𠃒	𠃓	𠃔	𠃕	𠃖
40	𠃗	𠃘	𠃙	𠃚	𠃛	𠃜	𠃝	𠃞	𠃟	𠃠	𠃡	𠃢	𠃣	𠃤	𠃥	𠃦	𠃧	𠃨	𠃩	𠃪
59	𠃫	𠃬	𠃭	𠃮	𠃯	𠃰	𠃱	𠃲	𠃳	𠃴	𠃵	𠃶	𠃷	𠃸	𠃹	𠃺	𠃻	𠃼	𠃽	𠃾
60	𠃿	𠄀	𠄁	𠄂	𠄃	𠄄	𠄅	𠄆	𠄇	𠄈	𠄉	𠄊	𠄋	𠄌	𠄍	𠄎	𠄏	𠄐	𠄑	𠄒
79	𠄓	𠄔	𠄕	𠄖	𠄗	𠄘	𠄙	𠄚	𠄛	𠄜	𠄝	𠄞	𠄟	𠄠	𠄡	𠄢	𠄣	𠄤	𠄥	𠄦
80	𠄧	𠄨	𠄩	𠄪	𠄫	𠄬	𠄭	𠄮	𠄯	𠄰	𠄱	𠄲	𠄳	𠄴	𠄵	𠄶	𠄷	𠄸	𠄹	𠄺
94	𠄻	𠄼	𠄽	𠄾	𠄿	𠅀	𠅁	𠅂	𠅃	𠅄	𠅅	𠅆	𠅇	𠅈	𠅉	𠅊	𠅋	𠅌	𠅍	𠅎

The table below shows the 20 ideographs that correspond to the GB/T 13131 (aka unpublished GB/T 7589-1987 unsimplified forms) standard in the Row-Cell range 16-65 through 16-83 (3061 through 3073 in GL hexadecimal) that exhibit the one-off property value errors, along with the corresponding UCS code point, G-source representative glyph (G Column), GB/T 7589 glyph, [kIRG_GSource](#) “G3” prefix property value (G-Source), and [kGB3](#) property value, along with recommended [kIRG_GSource](#) property value change (G-Source Change) and [kGB3](#) property value change, removal, or addition:

Row-Cell / Hex	UCS	G Column	GB/T 7589	G-Source	kGB3	G-Source Change	kGB3 Change	kGB3 Add
1665/3061	U+201B5	𠂇 GKX-0094.15	𠂇					1665

Row-Cell / Hex	UCS	G Column	GB/T 7589	G-Source	kGB3	G-Source Change	kGB3 Change	kGB3 Add
1666/3062	U+50B1	從 G3-3061	似	G3-3061	1665	G3-3062	1666	
1667/3063	U+4EF1	伶 G3-3062	伶	G3-3062	1666	G3-3063	1667	
1668/3064	U+4F00	佂 G3-3063	佂	G3-3063	1667	G3-3064	1668	
1669/3065	U+4F06	仞 G3-3064	仞	G3-3064	1668	G3-3065	1669	
1670/3066	U+5051	佩 G3-3065	佩	G3-3065	1669	G3-3066	1670	
1671/3067	U+4F08	佂 G3-3066	佂	G3-3066	1670	G3-3067	1671	
1672/3068	U+4F04	佂 G3-3067	佂	G3-3067	1671	G3-3068	1672	
1673/3069	U+4F03	仞 G3-3068	仞	G3-3068	1672	G3-3069	1673	
1674/306A	U+4F45	佂 G3-3069	佂	G3-3069	1673	G3-306A	1674	
1675/306B	U+4FF4	佂 G3-306A	佂	G3-306A	1674	G3-306B	1675	
1676/306C	U+4F49	佂 G3-306B	佂	G3-306B	1675	G3-306C	1676	
1677/306D	U+4F3E	佂 G3-306C	佂	G3-306C	1676	G3-306D	1677	
1678/306E	U+5032	佂 G3-306D	佂	G3-306D	1677	G3-306E	1678	
1679/306F	U+4F52	佂 G3-306E	佂	G3-306E	1678	G3-306F	1679	

Row-Cell / Hex	UCS	G Column	GB/T 7589	G-Source	kGB3	G-Source Change	kGB3 Change	kGB3 Add
1680/3070	U+4F61	佂 G3-306F	佂	G3-306F	1679	G3-3070	1680	
1681/3071	U+3473	儻 G3-3070	儻	G3-3070	1680	G3-3071	1681	
1682/3072	U+4F2D	佻 G3-3071	佻	G3-3071	1681	G3-3072	1682	
1683/3073	U+3491	僇 G3-3072	僇	G3-3072	1682	G3-3073	1683	
N/A	U+511C	儻 G3-3073		G3-3073	1683	GKX-0120.10	REMOVE	

Note that the “G Column” glyphs for the yellow-highlighted U+50B1, U+5051, U+4FF4, U+5032, U+3473, and U+3491 UCS code points do not match the “GB/T 7589” glyphs, because the former ideographs are the corresponding unsimplified (aka traditional) forms of the latter ideographs. The simplified form of U+50B1 is encoded in Extension G as U+30067 (UK-01677), the simplified form of U+5051 is encoded in Extension A as U+343D (G7-2325), the simplified form of U+4FF4 is encoded in Extension B as U+20219 (GCA-I0038), the simplified form of U+5032 is encoded in Extension A as U+3448 (G7-2323), and the simplified form of U+3473 is encoded in Extension A as U+3447 (G7-223F), all of which are shown in the “GB/T 7589” column above. The simplified form of U+3491 does not appear to be encoded nor is in the pipeline for encoding.

Below are the current *kGB3* and *kIRG_GSource* property values that have not changed since Unicode Version 1.1 (*kGB3*; with the exception of U+3473 and U+3491 that were added in Unicode Version 17.0) or Unicode Version 6.0 (*kIRG_GSource*):

U+3473	kGB3	1680
U+3473	kIRG_GSource	G3-3070
U+3491	kGB3	1682
U+3491	kIRG_GSource	G3-3072
U+4EF1	kGB3	1666
U+4EF1	kIRG_GSource	G3-3062
U+4F00	kGB3	1667
U+4F00	kIRG_GSource	G3-3063
U+4F03	kGB3	1672
U+4F03	kIRG_GSource	G3-3068
U+4F04	kGB3	1671
U+4F04	kIRG_GSource	G3-3067
U+4F06	kGB3	1668
U+4F06	kIRG_GSource	G3-3064
U+4F08	kGB3	1670
U+4F08	kIRG_GSource	G3-3066
U+4F2D	kGB3	1681
U+4F2D	kIRG_GSource	G3-3071
U+4F3E	kGB3	1676
U+4F3E	kIRG_GSource	G3-306C
U+4F45	kGB3	1673

U+4F45	kIRG_GSource	G3-306 9
U+4F49	kGB3	167 5
U+4F49	kIRG_GSource	G3-306 B
U+4F52	kGB3	167 8
U+4F52	kIRG_GSource	G3-306 E
U+4F61	kGB3	167 9
U+4F61	kIRG_GSource	G3-306 F
U+4FF4	kGB3	167 4
U+4FF4	kIRG_GSource	G3-306 A
U+5032	kGB3	167 7
U+5032	kIRG_GSource	G3-306 D
U+5051	kGB3	16 6 9
U+5051	kIRG_GSource	G3-306 5
U+50B1	kGB3	166 5
U+50B1	kIRG_GSource	G3-306 1
U+511C	kGB3	1 683
U+511C	kIRG_GSource	G3-30 73

Below is the recommended *kGB3* property value removal:

U+511C	kGB3	1 683
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Below are the recommended *kGB3* and *kIRG_GSource* property value changes:

U+3473	kGB3	168 1
U+3473	kIRG_GSource	G3-307 1
U+3491	kGB3	168 3
U+3491	kIRG_GSource	G3-307 3
U+4EF1	kGB3	166 7
U+4EF1	kIRG_GSource	G3-306 3
U+4F00	kGB3	166 8
U+4F00	kIRG_GSource	G3-306 4
U+4F03	kGB3	167 3
U+4F03	kIRG_GSource	G3-306 9
U+4F04	kGB3	167 2
U+4F04	kIRG_GSource	G3-306 8
U+4F06	kGB3	166 9
U+4F06	kIRG_GSource	G3-306 5
U+4F08	kGB3	167 1
U+4F08	kIRG_GSource	G3-306 7
U+4F2D	kGB3	168 2
U+4F2D	kIRG_GSource	G3-307 2
U+4F3E	kGB3	167 7
U+4F3E	kIRG_GSource	G3-306 D
U+4F45	kGB3	167 4
U+4F45	kIRG_GSource	G3-306 A
U+4F49	kGB3	167 6
U+4F49	kIRG_GSource	G3-306 C
U+4F52	kGB3	167 9
U+4F52	kIRG_GSource	G3-306 F
U+4F61	kGB3	168 0
U+4F61	kIRG_GSource	G3-307 0
U+4FF4	kGB3	167 5
U+4FF4	kIRG_GSource	G3-306 B
U+5032	kGB3	167 8
U+5032	kIRG_GSource	G3-306 E
U+5051	kGB3	167 0

U+5051	kIRG_GSource	G3-3066
U+50B1	kGB3	1666
U+50B1	kIRG_GSource	G3-3062
U+511C	kIRG_GSource	GKX-0120.10

And, below is the only recommended new *kGB3* property value:

U+201B5	kGB3	1665
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2) Recommended G5 Changes, Removals & Additions

Below are the Row 67, Row 73, and Row 74 excerpts from China's GB/T 7590-1987 (originally GB 7590-87) standard that serves as the primary references for this section:

67	区	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19
01		笛	笙	箫	瑟	箏	琴	瑟	箏	琴	瑟	箏	琴	瑟	箏	琴	瑟	箏	琴	瑟
19		笛	笙	箫	瑟	箏	琴	瑟	箏	琴	瑟	箏	琴	瑟	箏	琴	瑟	箏	琴	瑟
20		笛	笙	箫	瑟	箏	琴	瑟	箏	琴	瑟	箏	琴	瑟	箏	琴	瑟	箏	琴	瑟
39		笛	笙	箫	瑟	箏	琴	瑟	箏	琴	瑟	箏	琴	瑟	箏	琴	瑟	箏	琴	瑟
40		笛	笙	箫	瑟	箏	琴	瑟	箏	琴	瑟	箏	琴	瑟	箏	琴	瑟	箏	琴	瑟
59		笛	笙	箫	瑟	箏	琴	瑟	箏	琴	瑟	箏	琴	瑟	箏	琴	瑟	箏	琴	瑟
60		笛	笙	箫	瑟	箏	琴	瑟	箏	琴	瑟	箏	琴	瑟	箏	琴	瑟	箏	琴	瑟
79		笛	笙	箫	瑟	箏	琴	瑟	箏	琴	瑟	箏	琴	瑟	箏	琴	瑟	箏	琴	瑟
80		笛	笙	箫	瑟	箏	琴	瑟	箏	琴	瑟	箏	琴	瑟	箏	琴	瑟	箏	琴	瑟
94		笛	笙	箫	瑟	箏	琴	瑟	箏	琴	瑟	箏	琴	瑟	箏	琴	瑟	箏	琴	瑟

73	区	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19
01		蓊	葑	苎	苧	苧	苧	苧	苧	苧	苧	苧	苧	苧	苧	苧	苧	苧	苧	苧
19		蓊	葑	苎	苧	苧	苧	苧	苧	苧	苧	苧	苧	苧	苧	苧	苧	苧	苧	苧
20		蓊	葑	苎	苧	苧	苧	苧	苧	苧	苧	苧	苧	苧	苧	苧	苧	苧	苧	苧
39		蓊	葑	苎	苧	苧	苧	苧	苧	苧	苧	苧	苧	苧	苧	苧	苧	苧	苧	苧
40		蓊	葑	苎	苧	苧	苧	苧	苧	苧	苧	苧	苧	苧	苧	苧	苧	苧	苧	苧
59		蓊	葑	苎	苧	苧	苧	苧	苧	苧	苧	苧	苧	苧	苧	苧	苧	苧	苧	苧
60		蓊	葑	苎	苧	苧	苧	苧	苧	苧	苧	苧	苧	苧	苧	苧	苧	苧	苧	苧
79		蓊	葑	苎	苧	苧	苧	苧	苧	苧	苧	苧	苧	苧	苧	苧	苧	苧	苧	苧
80		蓊	葑	苎	苧	苧	苧	苧	苧	苧	苧	苧	苧	苧	苧	苧	苧	苧	苧	苧
94		蓊	葑	苎	苧	苧	苧	苧	苧	苧	苧	苧	苧	苧	苧	苧	苧	苧	苧	苧

74	区	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19
01		蓊	葑	苎	苧	苧	苧	苧	苧	苧	苧	苧	苧	苧	苧	苧	苧	苧	苧	苧
19		蓊	葑	苎	苧	苧	苧	苧	苧	苧	苧	苧	苧	苧	苧	苧	苧	苧	苧	苧
20		蓊	葑	苎	苧	苧	苧	苧	苧	苧	苧	苧	苧	苧	苧	苧	苧	苧	苧	苧
39		蓊	葑	苎	苧	苧	苧	苧	苧	苧	苧	苧	苧	苧	苧	苧	苧	苧	苧	苧
40		蓊	葑	苎	苧	苧	苧	苧	苧	苧	苧	苧	苧	苧	苧	苧	苧	苧	苧	苧
59		蓊	葑	苎	苧	苧	苧	苧	苧	苧	苧	苧	苧	苧	苧	苧	苧	苧	苧	苧
60		蓊	葑	苎	苧	苧	苧	苧	苧	苧	苧	苧	苧	苧	苧	苧	苧	苧	苧	苧
79		蓊	葑	苎	苧	苧	苧	苧	苧	苧	苧	苧	苧	苧	苧	苧	苧	苧	苧	苧
80		蓊	葑	苎	苧	苧	苧	苧	苧	苧	苧	苧	苧	苧	苧	苧	苧	苧	苧	苧
94		蓊	葑	苎	苧	苧	苧	苧	苧	苧	苧	苧	苧	苧	苧	苧	苧	苧	苧	苧

The table below shows the 35 ideographs that correspond to the GB/T 13132 (aka unpublished GB/T 7590-1987 unsimplified forms) standard in the Row-Cell ranges 67-11 through 67-25 and 73-93 through 74-18 (632B through 6339 and 697D through 6A32 in GL hexadecimal) that exhibit the one-off property value errors, along with the corresponding UCS code point, G-source representative glyph (G Column), GB/T 7590 glyph, *kIRG_GSource* "G5" prefix property value (G-Source), and *kGB5* property value, along with recommended *kIRG_GSource* property value change (G-Source Change) and *kGB5* property value change, removal, or addition:

Row-Cell / Hex	UCS	G Column	GB/T 7590	G-Source	kGB5	G-Source Change	kGB5 Change	kGB5 Add
67-11/632B	U+25B36	筑 GKX-0884.07	筑					6711
67-12/632C	U+7B40	笙 G5-632B	笙	G5-632B	6711	G5-632C	6712	
67-13/632D	U+25B2F	箐 GKX-0883.01	箐					6713
67-14/632E	U+41ED	箆 G5-632D	箆	G5-632D		G5-632E		6714
67-15/632F	U+41EF	簞 G5-632E	簞	G5-632E		G5-632F		6715
67-16/6330	U+25B39	箕 GKX-0884.10	箕					6716
67-17/6331	U+25B35	箒 GKX-0884.04	箒					6717
67-18/6332	U+7C3B	箒 G5-6331	箒	G5-6331	6717	G5-6332	6718	
67-19/6333	U+25B37	箆 GKX-0884.08	箆					6719
67-20/6334	U+7B57	箒 G5-6333	箒	G5-6333	6719	G5-6334	6720	
67-21/6335	U+41EE	箒 G5-6334	箒	G5-6334		G5-6335		6721
67-22/6336	U+25B32	箒 GKX-0883.16	箒					6722
67-23/6337	U+7C05	箒 G5-6336	箒	G5-6336	6722	G5-6337	6723	
67-24/6338	U+25B2E	江 GKX-0882.23	江					6724

Row-Cell / Hex	UCS	G Column	GB/T 7590	G-Source	kGB5	G-Source Change	kGB5 Change	kGB5 Add
67-25/6339	U+7C24	簣 G5-6338	筴	G5-6338	6724	G5-6339	6725	
73-93/697D	U+453B	藪 G5-697E	藪	G5-697E		G5-697D		7393
73-94/697E	U+26E91	薳 GKX-1056.39	薳					7394
74-01/6A21	U+26EB8	薳 GKX-1058.38	薳					7401
74-02/6A22	U+26F2F	薳 GKX-1059.47	薳					7402
74-03/6A23	U+26E87	薳 GKX-1056.14	薳					7403
74-04/6A24	U+8545	藹 G5-6A25	藹	G5-6A25	7405	G5-6A24	7404	
74-05/6A25	U+453D	藹 G5-6A26	藹	G5-6A26		G5-6A25		7405
74-06/6A26	U+26EC2	藹 GKX-1059.17	藹					7406
74-07/6A27	U+26E8D	藹 GKX-1056.32	藹					7407
74-08/6A28	U+26EA6	藹 GKX-1057.34	藹					7408
74-09/6A29	U+4530	藹 G5-6A2A	藹	G5-6A2A		G5-6A29		7409
74-10/6A2A	U+8560	藹 G5-6A2B	藹	G5-6A2B	7411	G5-6A2A	7410	
74-11/6A2B	U+26E96	藹 GKX-1057.01	藹					7411

Row-Cell / Hex	UCS	G Column	GB/T 7590	G-Source	kGB5	G-Source Change	kGB5 Change	kGB5 Add
74-12/6A2C	U+26E92	蔞 GKX-1056.40	蔞					7412
74-13/6A2D	U+270D2	縷 GKX-1069.21	縷					7413
74-14/6A2E	U+857C	蔞 G5-6A2F	蔞	G5-6A2F	7415	G5-6A2E	7414	
74-15/6A2F	U+26F30	藎 GKX-1059.50	藎					7415
74-16/6A30	U+26F2A	蔞 GKX-1059.31	蔞					7416
74-17/6A31	U+26F38	藎 GKX-1060.15	藎					7417
74-18/6A32	U+8575	蔞 G5-697D	蔞	G5-697D	7393	GCESI-00524	REMOVE	
	U+859E	蔞 GE-4A49				G5-6A32		7418

Note that the “G Column” glyphs for the yellow-highlighted U+7C3B, U+7C05, U+7C24, and U+270D2 UCS code points do not match the “GB/T 7590” glyphs, because the former ideographs are the corresponding unsimplified (aka traditional) forms of the latter ideographs. The simplified form of U+7C3B is encoded in Extension G as U+30A7B (UK-01926), and the simplified form of U+270D2 is encoded in Extension J as U+32F41 (GKJ-00786), both of which are shown in the “GB/T 7590” column above. The simplified forms of U+7C05 and U+7C24 do not appear to be encoded nor are in the pipeline for encoding.

Below are the current *kGB5* and *kIRG_GSource* property values that have not changed since Unicode Version 1.1 (*kGB5*) or Unicode Version 6.0 (*kIRG_GSource*):

U+41ED	kIRG_GSource	G5-632D
U+41EE	kIRG_GSource	G5-6334
U+41EF	kIRG_GSource	G5-632E
U+4530	kIRG_GSource	G5-6A2A
U+453B	kIRG_GSource	G5-697E
U+453D	kIRG_GSource	G5-6A26
U+7B40	kGB5	6711
U+7B40	kIRG_GSource	G5-632B
U+7B57	kGB5	6719
U+7B57	kIRG_GSource	G5-6333
U+7C05	kGB5	6722
U+7C05	kIRG_GSource	G5-6336
U+7C24	kGB5	6724
U+7C24	kIRG_GSource	G5-6338

U+7C3B	kGB5	671 7
U+7C3B	kIRG_GSource	G5-633 1
U+8545	kGB5	740 5
U+8545	kIRG_GSource	G5-6A2 5
U+8560	kGB5	741 1
U+8560	kIRG_GSource	G5-6A2 B
U+8575	kGB5	7393
U+8575	kIRG_GSource	G5-697D
U+857C	kGB5	741 5
U+857C	kIRG_GSource	G5-6A2 F
U+859E	kIRG_GSource	GE-4A49

Below is the recommended *kGB5* property value removal:

U+8575	kGB5	7393
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Below are the recommended *kGB5* and *kIRG_GSource* property value changes:

U+41ED	kIRG_GSource	G5-632 E
U+41EE	kIRG_GSource	G5-633 5
U+41EF	kIRG_GSource	G5-632 F
U+4530	kIRG_GSource	G5-6A2 9
U+453B	kIRG_GSource	G5-697 D
U+453D	kIRG_GSource	G5-6A2 5
U+7B40	kGB5	671 2
U+7B40	kIRG_GSource	G5-632 C
U+7B57	kGB5	67 20
U+7B57	kIRG_GSource	G5-633 4
U+7C05	kGB5	672 3
U+7C05	kIRG_GSource	G5-633 7
U+7C24	kGB5	672 5
U+7C24	kIRG_GSource	G5-633 9
U+7C3B	kGB5	671 8
U+7C3B	kIRG_GSource	G5-633 2
U+8545	kGB5	740 4
U+8545	kIRG_GSource	G5-6A2 4
U+8560	kGB5	741 0
U+8560	kIRG_GSource	G5-6A2 A
U+8575	kIRG_GSource	GCE SI-00524
U+857C	kGB5	741 4
U+857C	kIRG_GSource	G5-6A2 E
U+859E	kIRG_GSource	G5-6A32

And, below are the recommended new *kGB5* property values:

U+41ED	kGB5	6714
U+41EE	kGB5	6721
U+41EF	kGB5	6715
U+4530	kGB5	7409
U+453B	kGB5	7393
U+453D	kGB5	7405
U+859E	kGB5	7418
U+25B2E	kGB5	6724
U+25B2F	kGB5	6713
U+25B32	kGB5	6722
U+25B35	kGB5	6717
U+25B36	kGB5	6711
U+25B37	kGB5	6719
U+25B39	kGB5	6716

U+26E87	kGB5	7403
U+26E8D	kGB5	7407
U+26E91	kGB5	7394
U+26E92	kGB5	7412
U+26E96	kGB5	7411
U+26EA6	kGB5	7408
U+26EB8	kGB5	7401
U+26EC2	kGB5	7406
U+26F2A	kGB5	7416
U+26F2F	kGB5	7402
U+26F30	kGB5	7415
U+26F38	kGB5	7417
U+270D2	kGB5	7413

3) *kGB3* Property Value History

The *kGB3* property was included in the UniHan database from the very beginning of the standards, specifically Unicode Version 1.1.0 and ISO/IEC 10646-1:1993, and the property values that correspond to the affected range are shown below, and have not changed (shown in increasing *kGB3* property value order):

U+50B1	kGB3	1665
U+4EF1	kGB3	1666
U+4F00	kGB3	1667
U+4F06	kGB3	1668
U+5051	kGB3	1669
U+4F08	kGB3	1670
U+4F04	kGB3	1671
U+4F03	kGB3	1672
U+4F45	kGB3	1673
U+4FF4	kGB3	1674
U+4F49	kGB3	1675
U+4F3E	kGB3	1676
U+5032	kGB3	1677
U+4F52	kGB3	1678
U+4F61	kGB3	1679
U+4F2D	kGB3	1681
U+511C	kGB3	1683

The following two additional *kGB3* property values that complete the affected range—1665 through 1683—were added in Unicode Version 17.0, which will be included in ISO/IEC 10646 Seventh Edition if they are not corrected per this document for Unicode Version 18.0, which will also be included in ISO/IEC 10646 Seventh Edition:

U+3473	kGB3	1680
U+3491	kGB3	1682

4) *kGB5* Property Value History

The *kGB5* property was included in the UniHan database from the very beginning of the standards, specifically Unicode Version 1.1.0 and ISO/IEC 10646-1:1993, and the property values that correspond to the affected range are shown below, and have not changed (shown in increasing *kGB5* property value order):

U+7B40	kGB5	6711
U+7C3B	kGB5	6717
U+7B57	kGB5	6719
U+7C05	kGB5	6722

U+7C24	kGB5	6724
U+8575	kGB5	7393
U+8545	kGB5	7405
U+8560	kGB5	7411
U+857C	kGB5	7415

5) *kIRG_GSource* Property Value History

The *kIRG_GSource* property was added to the Unihan database in Unicode Version 3.0.0 and ISO/IEC 10646-1:2000, and the following are the ideographs in the affected range that used the “3” source prefix (shown in increasing *kIRG_GSource* property value order):

U+50B1	kIRG_GSource	3-3061
U+4EF1	kIRG_GSource	3-3062
U+4F00	kIRG_GSource	3-3063
U+4F06	kIRG_GSource	3-3064
U+5051	kIRG_GSource	3-3065
U+4F08	kIRG_GSource	3-3066
U+4F04	kIRG_GSource	3-3067
U+4F03	kIRG_GSource	3-3068
U+4F45	kIRG_GSource	3-3069
U+4FF4	kIRG_GSource	3-306A
U+4F49	kIRG_GSource	3-306B
U+4F3E	kIRG_GSource	3-306C
U+5032	kIRG_GSource	3-306D
U+4F52	kIRG_GSource	3-306E
U+4F61	kIRG_GSource	3-306F
U+3473	kIRG_GSource	3-3070
U+4F2D	kIRG_GSource	3-3071
U+3491	kIRG_GSource	3-3072
U+511C	kIRG_GSource	3-3073

The following are the ideographs in the affected range that used the “5” source prefix (shown in increasing *kIRG_GSource* property value order):

U+7B40	kIRG_GSource	5-632B
U+41ED	kIRG_GSource	5-632D
U+41EF	kIRG_GSource	5-632E
U+7C3B	kIRG_GSource	5-6331
U+7B57	kIRG_GSource	5-6333
U+41EE	kIRG_GSource	5-6334
U+7C05	kIRG_GSource	5-6336
U+7C24	kIRG_GSource	5-6338
U+8575	kIRG_GSource	5-697D
U+453B	kIRG_GSource	5-697E
U+8545	kIRG_GSource	5-6A25
U+453D	kIRG_GSource	5-6A26
U+4530	kIRG_GSource	5-6A2A
U+8560	kIRG_GSource	5-6A2B
U+857C	kIRG_GSource	5-6A2F

The *kIRG_GSource* “3” prefix was changed to “G3” in Unicode Version 6.0.0 and ISO/IEC 10646:2011, and the property values shown below have not changed (also shown in increasing *kIRG_GSource* property value order):

U+50B1	kIRG_GSource	G3-3061
U+4EF1	kIRG_GSource	G3-3062
U+4F00	kIRG_GSource	G3-3063

U+4F06	kIRG_GSource	G3-3064
U+5051	kIRG_GSource	G3-3065
U+4F08	kIRG_GSource	G3-3066
U+4F04	kIRG_GSource	G3-3067
U+4F03	kIRG_GSource	G3-3068
U+4F45	kIRG_GSource	G3-3069
U+4FF4	kIRG_GSource	G3-306A
U+4F49	kIRG_GSource	G3-306B
U+4F3E	kIRG_GSource	G3-306C
U+5032	kIRG_GSource	G3-306D
U+4F52	kIRG_GSource	G3-306E
U+4F61	kIRG_GSource	G3-306F
U+3473	kIRG_GSource	G3-3070
U+4F2D	kIRG_GSource	G3-3071
U+3491	kIRG_GSource	G3-3072
U+511C	kIRG_GSource	G3-3073

Likewise, the *kIRG_GSource* “5” prefix was changed to “G5” in Unicode Version 6.0.0 and ISO/IEC 10646:2011, and the property values shown below have not changed (also shown in increasing *kIRG_GSource* property value order):

U+7B40	kIRG_GSource	G5-632B
U+41ED	kIRG_GSource	G5-632D
U+41EF	kIRG_GSource	G5-632E
U+7C3B	kIRG_GSource	G5-6331
U+7B57	kIRG_GSource	G5-6333
U+41EE	kIRG_GSource	G5-6334
U+7C05	kIRG_GSource	G5-6336
U+7C24	kIRG_GSource	G5-6338
U+8575	kIRG_GSource	G5-697D
U+453B	kIRG_GSource	G5-697E
U+8545	kIRG_GSource	G5-6A25
U+453D	kIRG_GSource	G5-6A26
U+4530	kIRG_GSource	G5-6A2A
U+8560	kIRG_GSource	G5-6A2B
U+857C	kIRG_GSource	G5-6A2F

That is all.