

Universal Multiple-Octet Coded Character Set  
International Organization for Standardization  
Organisation Internationale de Normalisation

Международная организация по стандартизации

**Doc Type:** Ideographic Rapporteur Group Document  
**Title:** Feedback on WS2015 V6.1 code chart  
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**Status:** Individual Contribution to IRG #52  
**Action:** For consideration by IRG  
**Date:** 2019-02-18



This document provides the feedback comments from Eiso, Henry and Jaemin. Mr. Peter Chan gave us some helps. UK NB and Irish NB provided other comments in the ballot comment WG2 N5021R, which are not included here.

| China | TCA | ROK | UTC | UK | SAT | ED. |
|-------|-----|-----|-----|----|-----|-----|
| 8     | 4   | 13  | 3   | 0  | 1   | 2   |

## 1. China (8)


### 1.1. Han characters (1)

U+300E3 00285 GHZR-10053.09 [Glyph + Source Reference]

|                                 |   |  |  |    |
|---------------------------------|---|--|--|----|
| 300E3<br>八 12.8<br>GHR-10053.13 |  |  |  |    |
|                                 |   |  | 12 八   |    |
|                                 |   |  | 00285  |    |
|                                 |   |  | 8  | 10 |
|                                 |   |  | GHZR10053.13   |    |

The glyph should match the last version of WS2015.

The discussion record for this character is “new evidence accepted, irg49”. In WS2015 v4 review work, SAT pointed out the glyph didn’t match the evidence, and China provided the new evidence and requested to change G reference to GHZR10053.09. The new evidence and the new reference had been accepted in IRG #49.

|   |
|---|
| Agree.Change the evidence.  |
|  |
| Change the serial NO. to  |
| GHZR10053.09.   |

## 1.2. Zhuang characters (7)

U+30054 01836 GZ-0912201 [Glyph]

The glyph should match the last version of WS2015 and follow the PRC conventions.

|                               |       |          |
|-------------------------------|-------|----------|
| 30054<br>丿 6.10<br>GZ-0912201 | 𢆶     |          |
|                               | 01836 | 6 丿<br>𢆶 |
|                               | 10    | 11       |

U+30194 04775 GZ-4901402 [Glyph]

The glyph should match the last version of WS2015 and follow the PRC conventions.

|                                |       |           |
|--------------------------------|-------|-----------|
| 30194<br>𠂔 26.14<br>GZ-4901402 | 𢆶     |           |
|                                | 04775 | 26 𠂔<br>𢆶 |
|                                | 14    | 16        |

U+309C9 02868 GZ-1861301 [Normalization]

China accepted Henry's review comment and normalized the glyph in v6.0, but Henry had not checked the normalized one had been encoded as U+254CC 𢆶. I think all the experts should check your review comments more carefully in future. If the glyph were changed back to the WG2 N4922 glyph which is with a dot, the RS should be changed to 112.9. Cf. U+27389 𢆶, U+29E66 𢆶, U+2B22F 𢆶 and so on. If not, this glyph should be removed.

Henry's comment is to add a new UCV between 𢆶 and 𢆶.

|                                |                  |             |         |
|--------------------------------|------------------|-------------|---------|
| 309C9<br>石 112.8<br>GZ-1861301 | 𢆶                |             |         |
|                                | 254CC<br>石 112.8 | 𢆶           | 𢆶       |
|                                | UCS2003          | GKX-0831.22 | T4-3F37 |

U+30A70 03087 GZ-3121308 [Glyph]

The current glyph didn't follow the PRC conventions.

|                                |   |  |
|--------------------------------|---|--|
| 30A70<br>竹 118.4<br>GZ-3121308 | 𢆶 |  |
|                                | 𢆶 |  |

U+30CB9 03778 GZ-2642503 [RS]

RS should be 42.6. Reorder U+30CB9 (GZ-2642503) between U+3036A (USAT-10469) and U+3036B (GZ-4021206).

This is an editorial error, which the radical should be #42.

|            |       |   |   |            |                      |
|------------|-------|---|---|------------|----------------------|
| 30CB9      |       | 𧈧 |   |            |                      |
| 𧈧 142.6    |       |   |   |            |                      |
| GZ-2642503 |       |   |   |            |                      |
| 03778      | 142 虫 |   | 𧈧 | G_Z2642503 | radical 42 小, irg50. |
|            | 𧈧 小衣  |   |   |            |                      |
|            | 6     | 9 |   |            |                      |

U+30ED2 04306 GZ-3951501 [RS]

RS should be 162.13. Reorder U+30ED2 (GZ-3951501) between U+30ED7 (UK-02926) and U+30ED8 (GZ-1211101).

|            |  |   |  |
|------------|--|---|--|
| 30ED2      |  | 𧈧 |  |
| 𧈧 162.12   |  |   |  |
| GZ-3951501 |  |   |  |

U+31030 04686 GZ-1141302 [RS]

RS should be 170.13. Reorder U+31030 (GZ-1141302) between U+31036 (GHR-74476.01) and U+31037 (GHZR-74476.12).

|            |  |   |  |
|------------|--|---|--|
| 31030      |  | 隄 |  |
| 阜 170.12   |  |   |  |
| GZ-1141302 |  |   |  |

## 2. TCA (4)

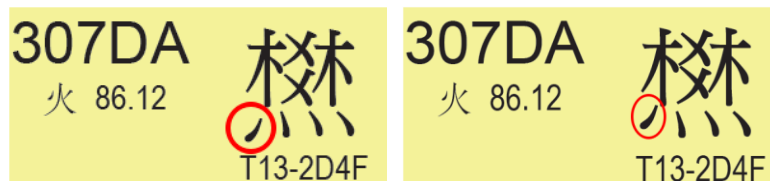
U+306F6 02003 T13-2C65 [Design]

The font quality is not better.

|          |  |          |  |
|----------|--|----------|--|
| 306F6    |  | 游        |  |
| 水 85.7   |  |          |  |
| T13-2C65 |  |          |  |
|          |  | 游        |  |
|          |  | T13-2C65 |  |

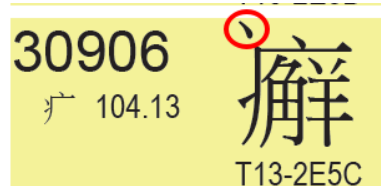
U+307DA 02265 T13-2D4F [Design]

The positions of the first stroke of the component fire are different in different sizes.



U+30906 02637 T13-2E5C [Design]

The dot is at the wrong position.



U+30A1D 02970 T13-2F66 [Glyph]

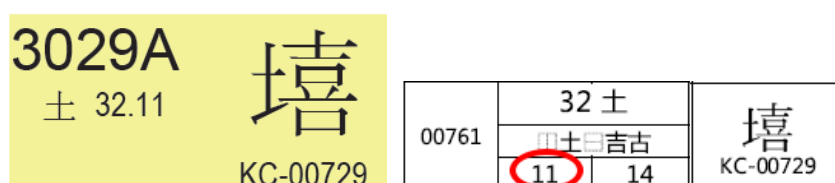
ROK provided their comments to insert space for this glyph in v5.0 review, and TCA accepted this request. However, it's the variant of 年 or 季, the inserted space request is acceptable but the bottom component is not related to 丰, should be 千 with an additional horizontal stroke. I think the evidence shows the shapes for the components are clear.



### 3. ROK (13)

U+3029A 00761 KC-00729 [RS]

RS should be 32.12. Reorder U+3029A (KC-00729) between U+302A6 (GZ-4921103) and U+302A7 (UTC-01219).



U+305FE 01720 KC-01836 [RS]

RS should be 75.11. Reorder U+305FE (KC-01836) between U+3061F (GZ-0621502) and U+30620 (UK-01759).

305FE  
木 75.9  
𣎵  
KC-01836

U+3063F 01786 KC-01888 [RS]

Should RS be 75.16? Reorder U+3063F (KC-01888) between U+30644 (GHZR-31409.11) and U+30645 (KC-01913).

3063F  
木 75.15  
𣎵  
KC-01888

RS for U+7217 (燂) is 86.16.

RS for U+28BEE (鐸) is 167.16.

RS for U+2DA0B (𠄎) is 72.15.

U+307F1 02290 KC-02368 [Glyph]

There will be two methods to solve this issue.

1) Change the RS to 86.14. Reorder U+307F1 (KC-02368) between U+307EE (GHZR-52734.12) and U+307EF (KC-02369).

2) Normalize the right part to 寬. Note that there is no ROK Normalization Rule for 寬 and 寬, but they are a UCV pair. We think the second method is better.

307F1  
火 86.15  
𤇀  
KC-02368

U+30864 02436 KC-02449 [Glyph]

The glyph should match the last version of WS2015.

30864  
犬 94.11  
𤝵  
KC-02449

|       |   |    |  |
|-------|---|----|--|
| 02436 | 94 犬  |    | <br>KC-02449 |
|       |  𤝵 | 習  |  |
|       | 11  | 14 |  |

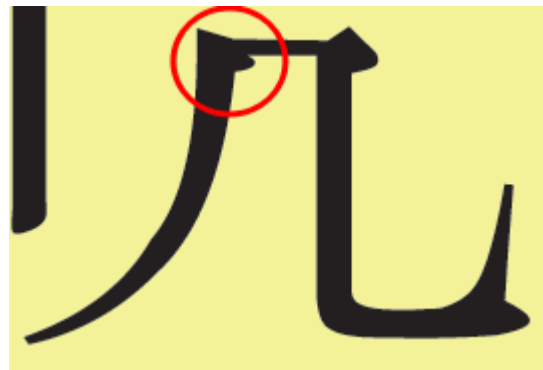
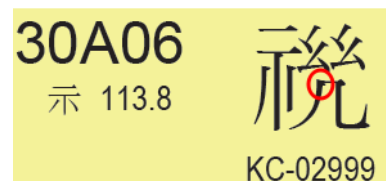
U+309A4 02825 KC-02883 [Glyph]

The glyph should match the last version of WS2015.



U+30A06 02942 KC-02999 [Design]

The shape for the circled position in the following picture is questionable for the Song/Ming style.



U+30A8F 03118 KC-03188 [RS]

RS should be 118.9. Reorder U+30A8F (KC-03188) between U+30A8D (GZ-4212101) and U+30A8F (UK-01931).



U+30AA4 03146 KC-03245 [RS]

RS should be 118.20. No reordering required for it.



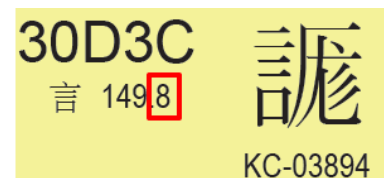
U+30CF9 03783 KC-05473 [RS]

RS should be 145.5. Reorder U+30CF9 (KC-05473) between U+30CF5 (UK-01936) and U+30CF6 (UK-01662).



U+30D3C 03859 KC-03894 [RS]

This glyph had been updated, but the SC had not been changed correspondingly. RS=149.9. Reorder U+30D3C (KC-03894) between U+30D3E (GZ-1772305, UK-02808) and U+30D3F (UK-01455).



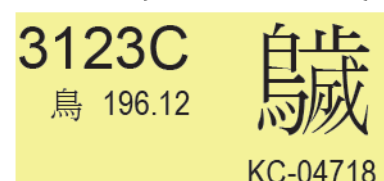
U+30D99 03967 KC-03946 [Glyph]

The glyph should match the last version of WS2015.



U+3123C 05264 KC-04718 [RS]

RS should be 196.13. Reorder U+3123C (KC-04718) between U+31240 (GHZR-84968.22) and U+31241 (GHZR-84976.08).



RS for U+5666 (𪗇) is 30.13.

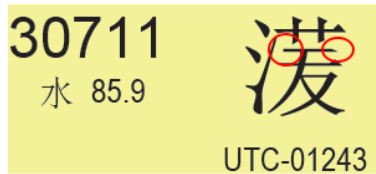
RS for U+6A85 (𪗇) is 75.13.

RS for U+2257A (𪗇) is 60.13.

#### 4. UTC (3)

U+30711 02041 UTC-01243 [Design]

The shape of the horizontal stroke circled in the following picture is questionable for the Song/Ming style.



U+30EDC 04318 UTC-01312 [Design]

The glyph and the UTC reference are overlapped.



U+30EDD 04319 UTC-00791 [Design]

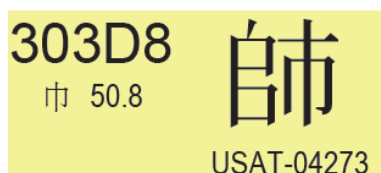
The glyph and the UTC reference are overlapped. And, the glyph should match the last version of WS2015, which the component 辵 is different.



#### 5. SAT (1)

U+303D8 01109 USAT-04273 [RS]

RS should be 50.7. No reordering required for it.





## 6. Editorial errors (2)

01638 GZ-4511301

The discussion record shows WS2015-01638 should be unified with U+3B30, but it's an editorial error. WS2015-01638 and U+3B30 are different characters obviously and it's impossible to add a new UCV between them.

|       |       |   |            |  |  |  |  |  |   |
|-------|-------|---|------------|--|--|--|--|--|---|
| 01638 | 154 貝 | 𧯛 | G_Z4511301 |  |  |  |  |  | ivs to U+3B30, add ucv, sc 15, irg50. Radical should be 貝 #154, SC14, FS2, irg48. |
|       | 15    |   |            |  |  |  |  |  |   |

3B30  
𧯛 73.2  
𧯛 GKX-0502.03 𧯛 T3-2374 𧯛 JA-236F

The discussion result is to unify WS2015-01633 with U+3B30, which is pointed out by Eiso.

|       |      |       |  |  |   |  |  |  |   |
|-------|------|-------|--|--|---|--|--|--|---|
| 01633 | 73 𧯛 | 𧯛 𧯛 𧯛 |  |  | 𧯛 |  |  |  | ivs to U+3B30, add ucv, irg50. Change IDS from 𧯛 𧯛 𧯛 ? to 𧯛 𧯛 𧯛, irg48. |
|       | 2 6  |       |  |  |   |  |  |  |   |

02231 GZ-0722601

The discussion record shows WS2015-02231 should be unified to U+2DD36 and the T/S flag should be changed to 1. The T/S flag update was requested by SAT, but no unification request in the review comments.

|       |      |   |            |  |  |  |  |  |                                   |
|-------|------|---|------------|--|--|--|--|--|-----------------------------------|
| 02231 | 86 火 | 𧯛 | G_Z0722601 |  |  |  |  |  | unified to U+2DD36, t/s 1, irg50. |
|       | 9 13 |   |            |  |  |  |  |  |                                   |

2DD36  
火 86.7  
𧯛 USAT-00992

(End of Document)