Universal Coded Character Set
International Organization for Standardization
Organisation Internationale de Normalisation
Международная организация по стандартизации

Doc Type: Ideographic Research Group Document

Title: Feedback on the Unihan property values of U+980B

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Status: Individual Contribution

Action: For consideration by UTC, IRG, TCA, DPRK

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Recommendation IRG M64.08: Disunification of U+980B, U+FACB & U+2F9FF

Document References: IRG N2767 & IRG N2786

Unanimous

The IRG recommends that the proposal to disunify U+980B, U+FACB, and U+2F9FF in document IRG N2786 be accepted, and that its disunified forms, KP-source ideograph KP1-869A and T-source ideograph T6-6430, be encoded at code point **U+2B81F** at the end of the Extension D block. The IRG further recommends that the Unihan database property data for U+980B, such as dictionary references and readings, be reviewed and adjusted accordingly.

Action Items:

- 2025-04-25: CheonHyeong SIM submits document IRG N2782 to WG 2, along with a TrueType font that includes a KP-source representative glyph for U+2B81F
- 2025-04-25: TCA submits to WG 2 a TrueType font that includes a T-source representative glyph for U+2B81F

The disunification is reasonable without any doubt, but we also need to solve other related issues. Lee pointed out that we also need to check the Unihan property values to be updated. For U+980B 順, there are the following property values related to the readings.

```
U+980B kCantonese gu3
U+980B kDefinition to care for, to look after to regard; to turn the head round to look
U+980B kFanqie 古暮
U+980B kHanyuPinyin 74361.130,74364.090:ě
U+980B kJapanese ガ
U+980B kMandarin ě
```

Based on the analyzation on IRG N2786, the fanqie of U+980B 顧 is 五果切 (疑母遇攝合口一等姥韻上聲), and the new character at U+2B81F, is the variant of U+9867 顧 and U+987E 顾 (aka 古暮切, 見母遇攝合口一等暮韻去聲). In the above table, kCantonese, kDefinition, and kFanqie property values are related to 古暮切, but kHanyuPinyin, kJapanese and kMandarin property values are related to 五果切, that means there is no need to change these last three property values. The current kFanqie property value is based on the corresponding entry related to the kSBGY property value as shown below.

```
U+980B kSBGY 368.26
```

When we checked the original glyphs in different six editions of 《廣韻》, we found that four editions use U+2EA07 順 (see Figs. 1 through 4) as the following picture shows ($\underline{IMJ-059024}$ and SAT-05888 are both related to the variant of 顧), two editions use KP1-869A and T6-6430 []][[]] [See Figs. 5 & 6].

We have two solutions to solve the issues.

- 1) Move current kFanqie property value of U+980B 頋 to both of U+2EA07 頋 and U+2B81F, and move current kSBGY property value of U+980B 頋 to U+2EA07 頋. Note: The editions related to Figs. 5 & 6 are published after Song Dynasty.

On the other hand, based on the fanqie Ξ 果切, the Cantonese reading of U+980B $\bar{\mathrm{g}}$ should be "ngo5" after clarifying, which is the same as 我. This property value will be reviewed and confirmed by Prof. Hou later.

For Solution 1, we suggest as below:

```
U+980B kCantonese ngo5 // adjusted
U+980B kDefinition to care for, to look after to regard; to turn the head round to
look
U+980B kFanqie 五果 // adjusted
U+980B kSBGY 368.26
U+2EA07 kCantonese gu3
U+2EA07 kFanqie 古暮
U+2EA07 kSBGY 368.26
U+2B81F kCantonese gu3
U+2B81F kDefinition to care for, to look after to regard; to turn the head round to look
U+2B81F kFanqie 古暮
```

For Solution 2, we suggest that as below:

```
U+980B kCantonese ngo5 // adjusted
U+980B kDefinition to care for, to look after to regard; to turn the head round to look
U+980B kFanqie 五果 // adjusted
U+980B kSBCY 368.26
U+2EA07 kCantonese gu3
U+2EA07 kDefinition to care for, to look after to regard; to turn the head round to look
U+2EA07 kFanqie 古暮
U+2EA07 kSBGY 368.26
```

We think Solution 2 is slightly better.

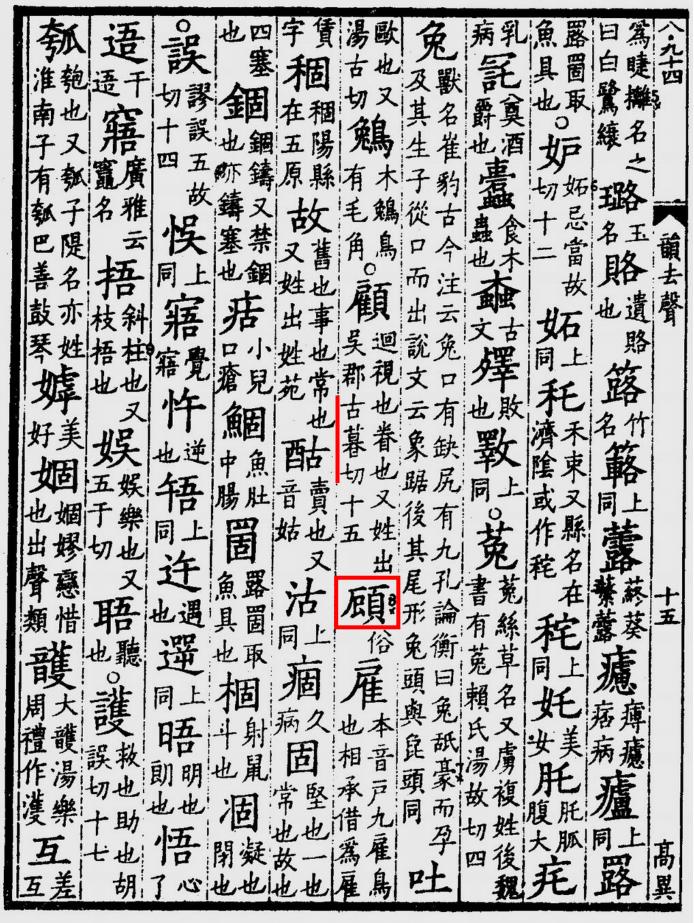


Fig. 1 《廣韻》, 澤存堂本, 去聲卷第四

Fig. 2 《鉅宋廣韻》,宋乾道五年刻本,去聲卷第四

Fig. 3 《廣韻》, 四部叢刊巾箱本, 去聲卷第四

Fig. 4 《廣韻》, 古逸叢書覆宋本重修, 去聲卷第四

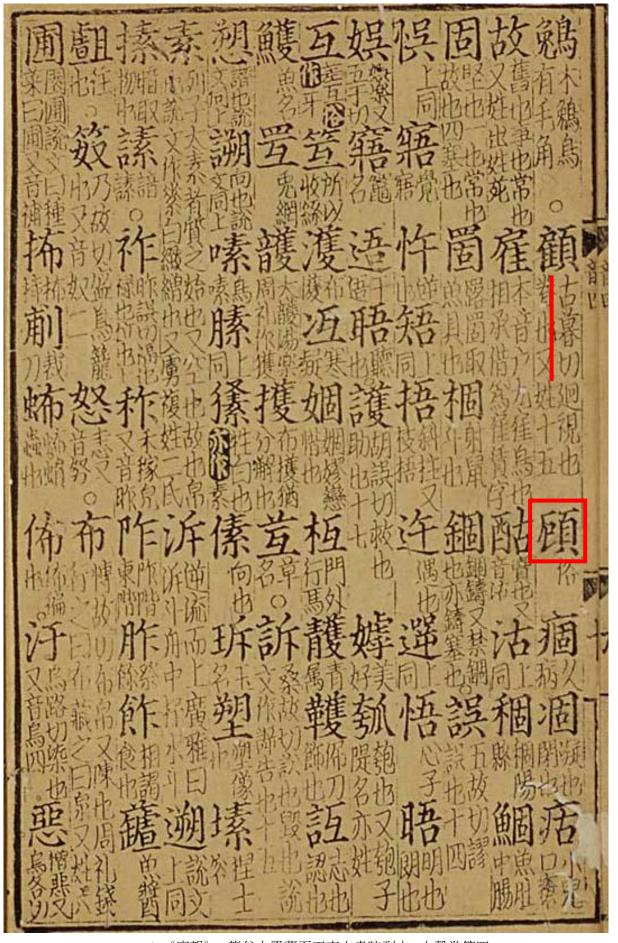


Fig. 5 《廣韻》, 龍谷大學藏至正南山書院刊本, 去聲卷第四

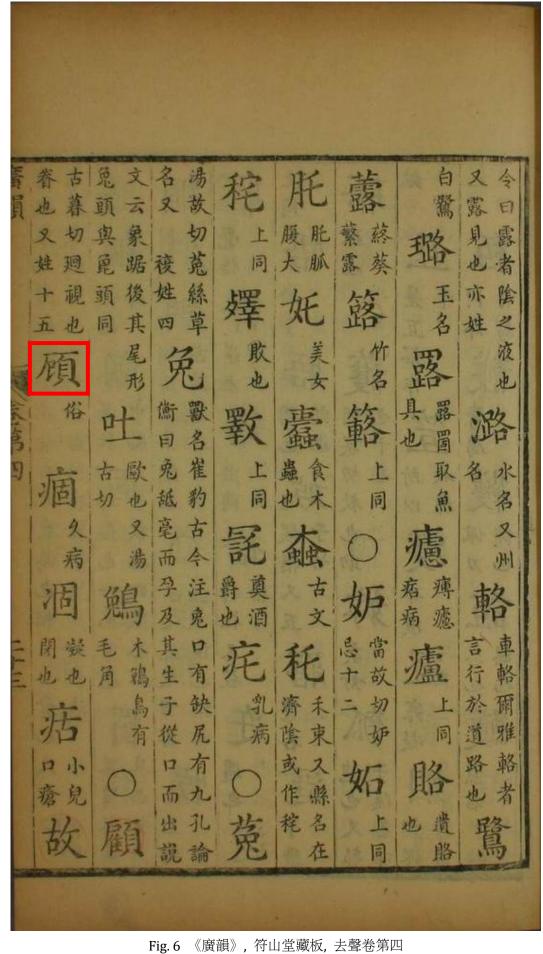


Fig. 6

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