# Report on first stroke/stroke count by ad hoc group

## 1. The list

Based on the contribution from Macao, the group discussed on the first stroke/stroke count issue.  The group reached the following consensus:

- Taking the Macao contribution (IRG N942) as the very good starting point, the group has compiled the list as follows:

  1. The list will show the information on the first stroke and the stroke count only; the entire writing order is not necessary for IRG editorial work and has been removed.

  2. The list will include more problematic components, while it needs not be comprehensive.

## 2. The problems to be addressed

The problems the list addresses should include two types of cases:

- The same character/components in shape, but their first stroke may be handled differently, e.g. 女.

- The components or un-encoded characters whose first stroke have different actual shapes, but they are considered variants, e.g., a character with the following 3 glyphs, 户 , 戶 , 戸 .  Since they need to be unified, it's better if their first strokes are recorded as the same.

Note that the use of the above *canonical* shape when finding a component's first stroke is only for the purpose of sorting.  We have no intention to change/modify the design of the proposed typeface.

## 3. Goals

The list is intended only for internal Editorial works in IRG.  As a result, the first stroke and/or stroke count information in the list need not be authentic in any means.  It is, however, very important that all editors/reviewers use the same table. The list needs to be made available before next Ext-C review period.

Please see attachment of this document(N954A).

| Num | Shape | 1st Stroke | count of Strokes | Variant Shapes |
|---|---|---|---|---|
| 1 | 乃 | 丿丶 | 3 | |
| 2 | 之 | 丶丿 | 3 | |
| 3 | 乏 | 丿丿 | 4 | |
| 4 | 九 | 丿 | 2 | |
| 5 | 段 | 乙 | 9 | |
| 6 | 建 | 乙 | 9 | |
| 7 | 兑 | 乙丶丿 | 7 | 兑 |
| 8 | 入 | 丿 | 2 | 入 |
| 9 | 出 | 乙丨 | 5 | |
| 10 | 凹 | 丨丨 | 5 | |
| 11 | 凸 | 丨乙 | 5 | |
| 12 | 力 | 乙 | 2 | |

| Num | Shape | 1st Stroke | count of Strokes | Variant Shapes |
|---|---|---|---|---|
| 13 | 匕 | 一 | 2 | 匕 匕 |
| 14 | 匝 | 一 | 5 | |
| 15 | 及 | 丿 | 4 | |
| 16 | 叟 | 丿 | 9 | 叟 |
| 17 | 女 | 乙 | 3 | 女 女 女 |
| 18 | 乐 | 丿 | 4 | |
| 19 | 小 | 乙 | 3 | 小 ⺍ |
| 20 | 山 | 丨 | 3 | |
| 21 | 廷 | 丿 | 7 | |
| 22 | 弓 | 乙 | 3 | 弓 |
| 23 | 心 | 丶 | 4 | 心 忄 忄 忄 小 |
| 24 | 比 | 一 | 4 | 比 比 比 |
| 25 | 水 | 乙 | 4 | 水 |

| Num | Shape | 1st Stroke | count of Strokes | Variant Shapes |
|-----|-------|------------|------------------|----------------|
| 26 | 鼎 | 丿 | 9 | |
| 27 | 火 | 丶 | 4 | 灬 |
| 28 | 瓦 | 一 | 4 | 瓦 |
| 29 | 皮 | 乙 | 5 | |
| 30 | 眞 | 一 | 10 | 眞 真 真 |
| 31 | 礻 | 丶 | 4 | 礻 礻 示 |
| 32 | 北 | 丨 | 5 | 北 |
| 33 | 臣 | 一 | 6 | 臣 |
| 34 | 至 | 一 | 6 | |
| 35 | 攵 | 丿 | 4 | 攵 攵 |
| 36 | 艹 | 丨 | 4 | 艹 艹 艹 艸 |
| 37 | 言 | 丶 | 7 | 言 言 |
| 38 | 䜌 | 丶 | 9 | 䜌 |

| Num | Shape | 1st Stroke | count of Strokes | Variant Shapes |
|---|---|---|---|---|
| 39 | 辰 | 一 | 7 | |
| 40 | 辵 | 丶 | 4 | 辶 辶 辶 辵 |
| 41 | 邑 | 一 | 6 | |
| 42 | 阝 | 乙 | 3 | |
| 43 | 長 | 一 | 8 | 長 镸 |
| 44 | 門 | 丨 | 8 | |
| 45 | 非 | 丿 | 8 | 非 |
| 46 | 馬 | 一 | 10 | |
| 47 | 邕 | 丿 | 10 | |
| 48 | 布 | 一 | 5 | |
| 49 | 糸 | 乙 | 6 | 糸 糸 糹 |
| 50 | ⼎ | 丶 | 2 | ⼎ ⼎ |
| 51 | 氵 | 丶 | 3 | 氵 氵 |

| Num | Shape | 1st Stroke | count of Strokes | Variant Shapes |
|---|---|---|---|---|
| 52 | 礻 | 丶 | 5 | 礻 衣 |
| 53 | 必 | 丶 | 5 | |
| 54 | 右 | 一 | 5 | |
| 55 | 左 | 一 | 5 | |
| 56 | 亠 | 丶 | 2 | 亠 亠 |
| 57 | 少 | 乙 | 3 | |
| 58 | 爪 | 丿 | 4 | 爫 爫 |
| 59 | 米 | 丶 | 5 | |
| 60 | 小 | 丶 | 4 | |
| 61 | 匼 | 一 | 7 | 匼 |
| 62 | 卅 | 丨 | 4 | |
| 63 | 䒑 | 丶 | 3 | |
| 64 | 鬥 | 丨 | 10 | |

| Num | Shape | 1st Stroke | count of Strokes | Variant Shapes |
|-----|-------|-----------|------------------|----------------|
| 65 | 旭 | ノ | 0 | |
| 66 | 迎 | ○ | 0 | |
| 67 | 延 | ○ | 0 | |
| 68 | 回 | ○ | 0 | |
| 69 | 幺幺 | 乙 | 0 | |
| 70 | 林 | 一 | 0 | |
| 71 | 與 | ノ | 0 | |
| 72 | 絲 | 乙 | 0 | 絲 |
| 73 | � | 乙ノ | 0 | |
| 74 | 川 | ノ | 0 | |
| 75 | 弨 | 乙 | 0 | |
| 76 | 戶 | 、 | 4 | 戶 戶 戶 |
| 77 | 色 | ノ | 6 | 邑 |

| Num | Shape | 1st Stroke | count of Strokes | Variant Shapes |
|-----|-------|-----------|------------------|----------------|
| 78 | 鬼 | 丿 | 10 | 鬼 |
| 79 | 方 | 丶 | 4 | 方 方 |
| 80 | 幽 | 丨 | 9 | |
| 81 | 叉 | 乙 | 3 | |
| 82 | 矢 | 一 | 3 | |
| 83 | 义 | 丶 | 3 | |