Investigation of DYC-source glyphs in UTR#45

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Detail of “DYC” book

- The original “説文解字注” was published on 1815
  - One of the annotated edition of “説文解字”
  - Woodprinted (the exact glyph shape consistency should not be expected)
  - Index glyph is in seal script. No modernized shape is shown, aslike original “説文解字” didn’t show such.

- UTR#45 refers its reprint by 上海古籍出版社 (Shanghai Classics Printing House) 1981, 統一書號 9186.9
  - Modernized index glyph is added out of the column
  - The source of modernized index glyphs is not original “説文解字注”
    - other reprints had different index
DYC Glyph Difference between Index and Description

- Original “説文解字注” didn’t provide the index glyph in modernized shape.
  - Later editions added modernized index glyph which is not copied from the description text
  - Detailed glyph design policy can be different between original DYC description text and additional index glyph.
DYC reference scheme

- syntax defined in UTR#45: [0-9]{3}.[0-9]{2}[01]
  - first 3 digits are for page number
  - second 2 digits are for subpage number in 4-up format
  - final 0/1 digit is for out-of-column index (modern) or in-column index (seal)

- DYC 456.210 points
  - page 456
  - subpage 2
  - out-of-column index
DYC references violating defined syntax

- DYC 120.315 UTC00093 U+20B81
  - 5th variant (籀文) in description text
- DYC 342.112 UTC00137
  - 2nd variant (古文) in description text
- DYC 456.212 UTC00142 U+2F896
  - 2nd variant (古文) in description text
- DYC 484.412 UTC00143 U+2F918
  - 3rd variant (籀文) in description text
- DYC 575.112 UTC00147
  - 3rd variant (古文) in description text
- DYC 694.212 UTC00158
  - 3rd variant (古文) in description text
DYC reference scheme should be improved

- Proposed new syntax:

  \[0-9]{3}\¥.[1-4][1-9][0-9][DU]\]

- [1-4] is sufficient to refer subpage
- Reference of a glyph in subpage should be improved, [01] is insufficient.
  - An in-column section can have multiple ancient shapes of Seal, ZhouWen, GuWen.
  - It should be stated whether the modernized shape is shown in DYC book (D), or it is proposed by the user (U).